

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109927.D
 Acq On : 17 Oct 2018 18:33
 Operator : JU/SJ
 Sample : PB113915BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BSD

Manual Integrations
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Sohil
 10/18/2018 2:04:23 PM

Quant Time: Oct 18 10:56:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	263413	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1093453	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	520885	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	950038	20.00	ng	0.00
76) Chrysene-d12	14.16	240	567770	20.00	ng	0.00
87) Perylene-d12	15.67	264	537675	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	939822	56.56	ng	0.00
7) Phenol-d6	6.59	99	1148287	55.65	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1010619	62.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	275436	61.08	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1953566	59.84	ng	0.00
79) Terphenyl-d14	13.09	244	1605461	59.38	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.92	88	186042	19.711	ng	91
3) Pyridine	3.67	79	524403	24.921	ng	90
4) n-Nitrosodimethylamine	3.63	42	246410	28.707	ng	# 99
6) Aniline	6.63	93	492737	17.719	ng	# 53
8) 2-Chlorophenol	6.76	128	526311	28.275	ng	97
9) Benzaldehyde	6.53	77	221663	16.530	ng	94
10) Phenol	6.60	94	615470	27.626	ng	# 62
11) bis(2-Chloroethyl)ether	6.70	93	500413	26.864	ng	92
12) 1,3-Dichlorobenzene	6.92	146	554913	27.187	ng	98
13) 1,4-Dichlorobenzene	6.99	146	559906	27.238	ng	99
14) 1,2-Dichlorobenzene	7.15	146	525114	27.741	ng	99
15) Benzyl Alcohol	7.11	79	450690	28.390	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	833028	27.246	ng	68
17) 2-Methylphenol	7.22	107	425602	28.354	ng	# 81
18) Hexachloroethane	7.49	117	208802	28.743	ng	90
19) n-Nitroso-di-n-propylamine	7.38	70	354236	26.737	ng	97
20) 3+4-Methylphenols	7.37	107	542269	28.469	ng	94
22) Acetophenone	7.38	105	715370	28.211	ng	# 98
24) Nitrobenzene	7.56	77	518722	29.417	ng	93
25) Isophorone	7.79	82	977627	30.652	ng	95
26) 2-Nitrophenol	7.87	139	244465	33.437	ng	89
27) 2,4-Dimethylphenol	7.90	122	483469	31.471	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	637197	29.111	ng	99
29) 2,4-Dichlorophenol	8.11	162	430293	28.873	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	461239	27.641	ng	97
31) Naphthalene	8.28	128	1491879	29.753	ng	99
32) Benzoic acid	7.95	122	59124	6.177	ng	97
33) 4-Chloroaniline	8.32	127	297182	13.185	ng	99
34) Hexachlorobutadiene	8.39	225	254206	27.627	ng	98
35) Caprolactam	8.69	113	130449m	24.647	ng	
36) 4-Chloro-3-methylphenol	8.80	107	452214	28.764	ng	96
37) 2-Methylnaphthalene	8.97	142	1030712	31.745	ng	98
38) 1-Methylnaphthalene	9.07	142	970800	30.856	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	431911	26.921	ng	98

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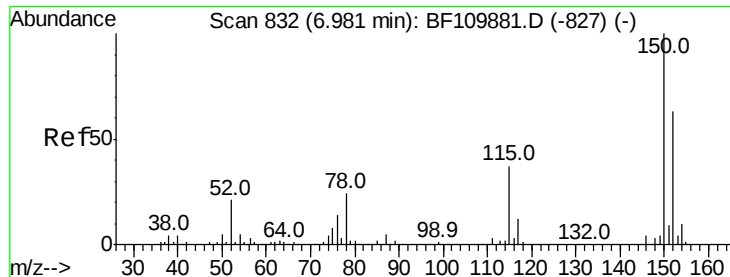
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Quant Time: Oct 18 10:56:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	511052	65.996	nq	97
43) 2,4,6-Trichlorophenol	9.25	196	286869	28.595	nq	97
44) 2,4,5-Trichlorophenol	9.29	196	309290	29.705	nq	95
46) 1,1'-Biphenyl	9.44	154	1246082	26.850	nq	99
47) 2-Chloronaphthalene	9.46	162	935811	27.375	nq	99
48) 2-Nitroaniline	9.56	65	270589	30.844	nq	96
49) Acenaphthylene	9.88	152	1479302	29.788	nq	98
50) Dimethylphthalate	9.73	163	1069819	29.005	nq	100
51) 2,6-Dinitrotoluene	9.80	165	227379	32.458	nq	91
52) Acenaphthene	10.06	154	910535	28.799	nq	98
53) 3-Nitroaniline	9.96	138	162275	19.043	nq	97
54) 2,4-Dinitrophenol	10.07	184	65312	34.916	nq	93
55) Dibenzofuran	10.23	168	1287491	28.554	nq	94
56) 4-Nitrophenol	10.12	139	360943	55.511	nq	95
57) 2,4-Dinitrotoluene	10.20	165	285941	33.810	nq	96
58) Fluorene	10.57	166	992550	30.239	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	244566	29.638	nq	96
60) Diethylphthalate	10.43	149	1050208	28.829	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	476973	27.897	nq	98
62) 4-Nitroaniline	10.58	138	237448	29.436	nq	92
63) Azobenzene	10.72	77	1049636	27.581	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	67693	24.334	nq	90
66) n-Nitrosodiphenylamine	10.67	169	888004	28.064	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	294397	28.594	nq	96
68) Hexachlorobenzene	11.12	284	310652	28.294	nq	95
69) Atrazine	11.20	200	292205	29.564	nq	99
70) Pentachlorophenol	11.31	266	238794	38.217	nq	97
71) Phenanthrene	11.53	178	1452641	29.535	nq	99
72) Anthracene	11.59	178	1493279	30.199	nq	99
73) Carbazole	11.74	167	1257729	25.881	nq	99
74) Di-n-butylphthalate	12.06	149	1553892	28.651	nq	99
75) Fluoranthene	12.73	202	1388091	28.251	nq	100
77) Benzidine	12.84	184	555244	25.506	nq	98
78) Pyrene	12.96	202	1360399	32.623	nq	99
80) Butylbenzylphthalate	13.56	149	534973	31.732	nq	99
81) Benzo(a)anthracene	14.14	228	996669	29.802	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	161010	13.733	nq	98
83) Chrysene	14.18	228	898792	28.235	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	680113	30.658	nq	96
85) Di-n-octyl phthalate	14.74	149	1025193	32.779	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1145394	44.689	nq	# 94
88) Benzo(b)fluoranthene	15.22	252	888990m	28.679	nq	
89) Benzo(k)fluoranthene	15.26	252	798874	26.147	nq	98
90) Benzo(a)pyrene	15.61	252	848762	29.771	nq	# 97
91) Dibenzo(a,h)anthracene	17.26	278	944612	37.387	nq	97
92) Benzo(g,h,i)perylene	17.72	276	986017	38.625	nq	# 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

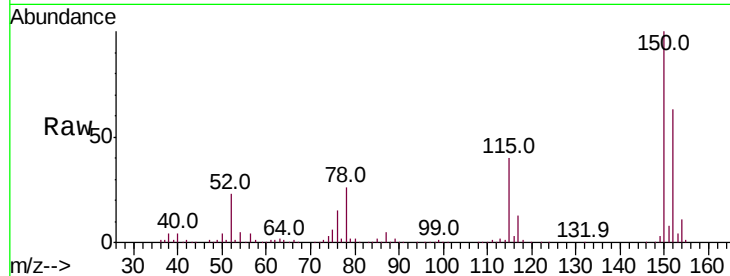
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.7	184.1
115	63.6	49.1	73.7

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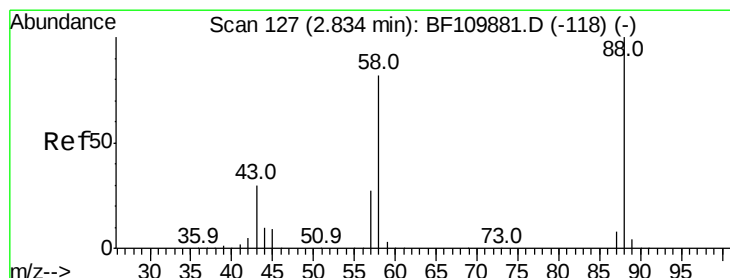
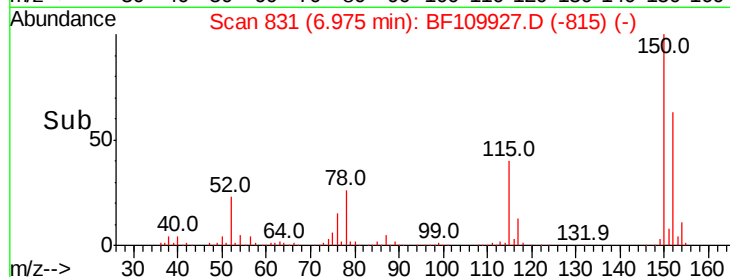
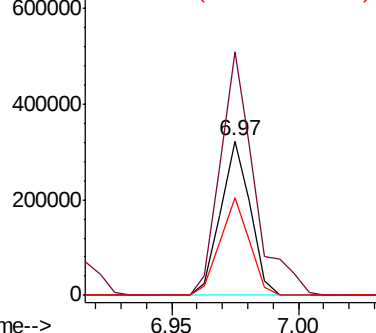


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

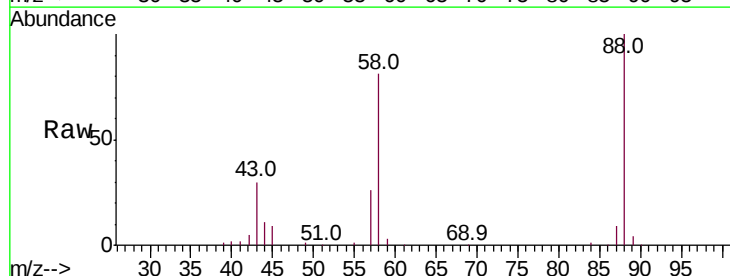
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 19.711 ng
RT: 2.92 min Scan# 142
Delta R.T. 0.08 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	57.1	85.7
43	30.4	24.1	36.1

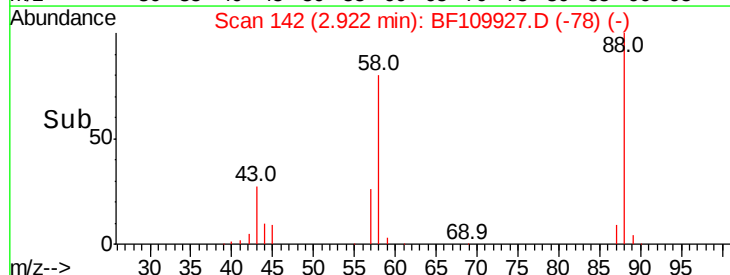
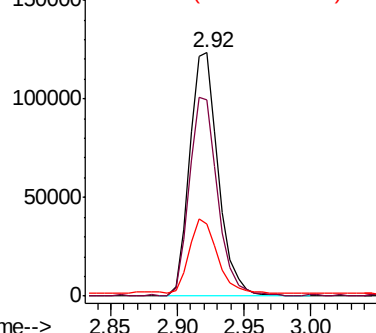


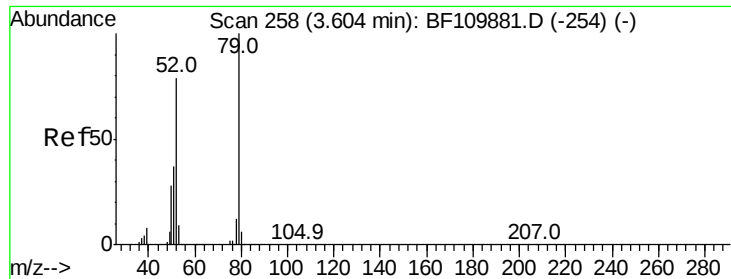
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.921 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.05 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

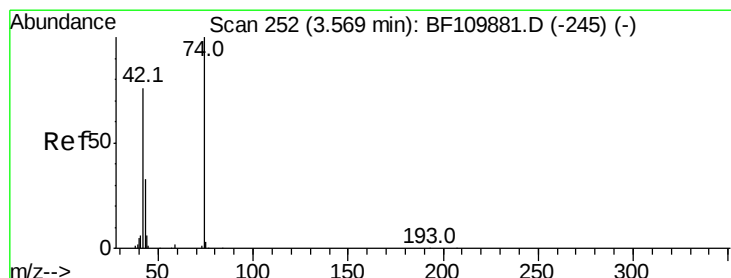
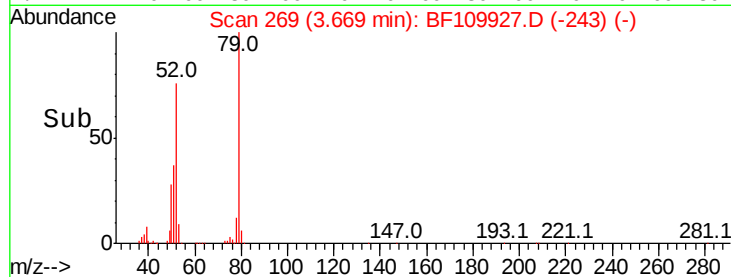
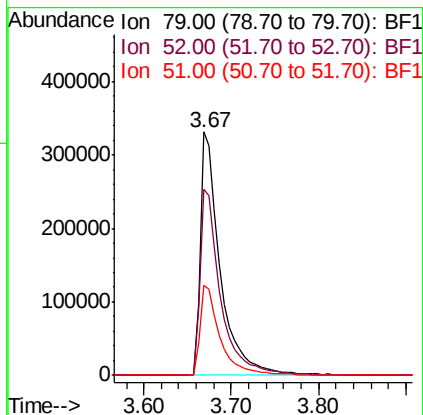
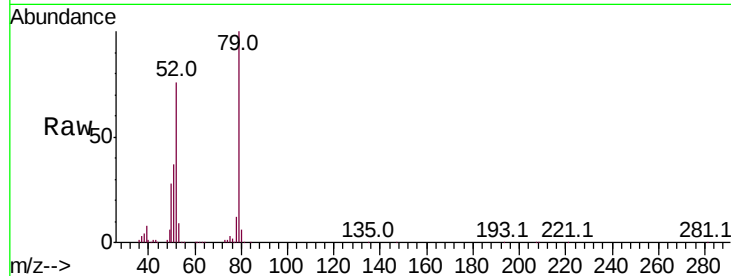
ClientSampleId :

PB113915BSD

Tot Ion:	79	Resp:	524403
Ion Ratio	Lower	Upper	
79	100		
52	76.3	53.1	79.7
51	37.2	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 28.707 ng

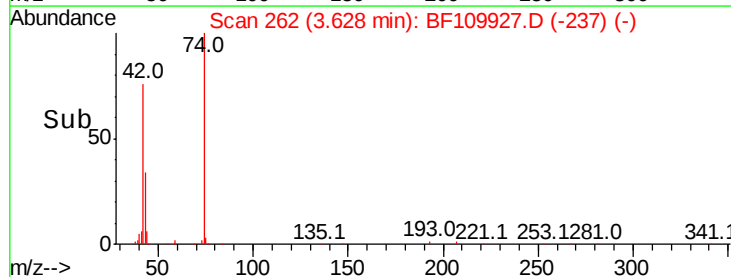
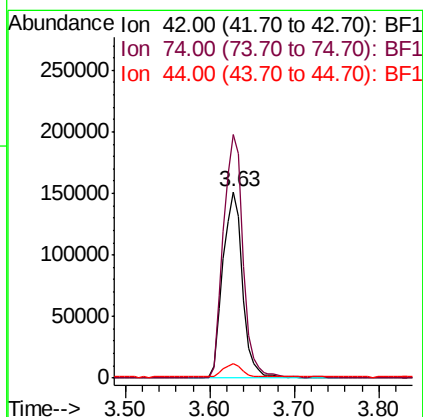
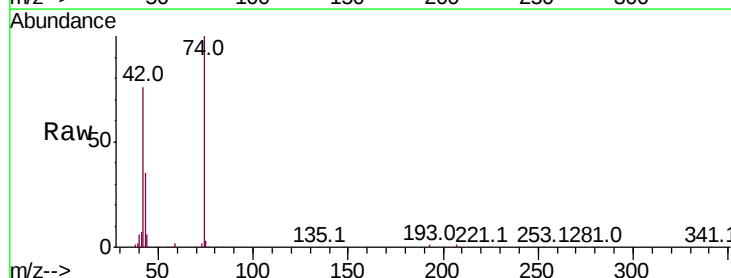
RT: 3.63 min Scan# 262

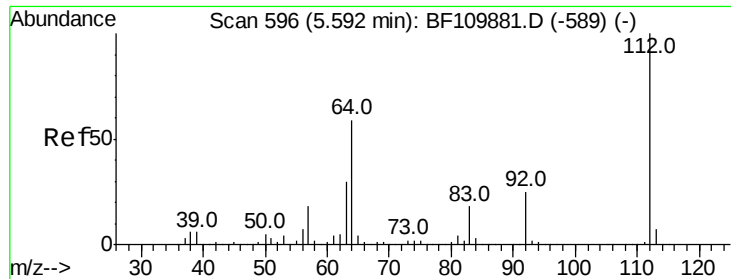
Delta R.T. 0.05 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion:	42	Resp:	246410
Ion Ratio	Lower	Upper	
42	100		
74	130.8	105.5	158.3
44	8.0	4.9	7.3#





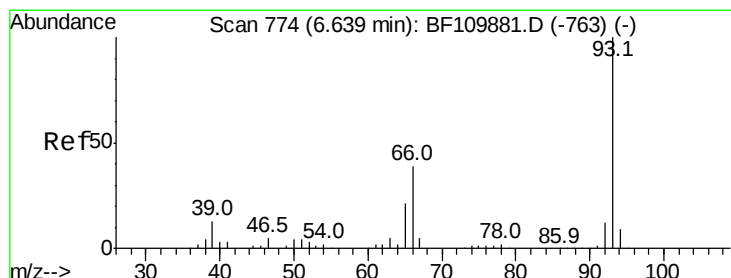
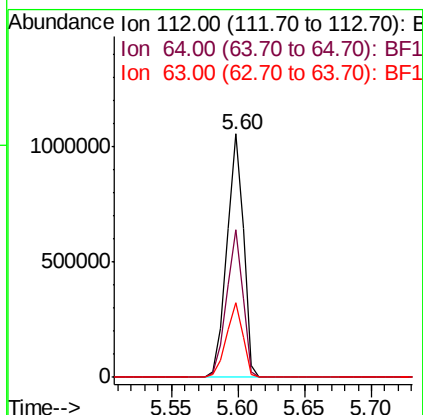
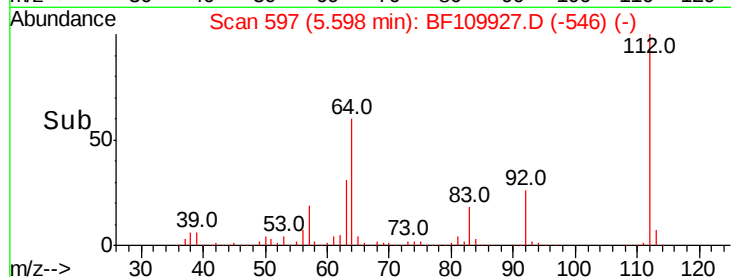
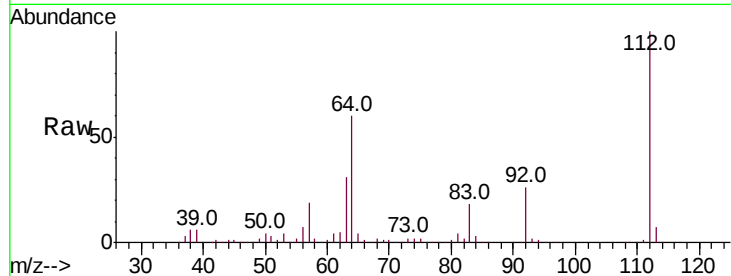
#5
2-Fluorophenol
Concen: 56.555 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.4	44.1	66.1
63	30.8	23.7	35.5

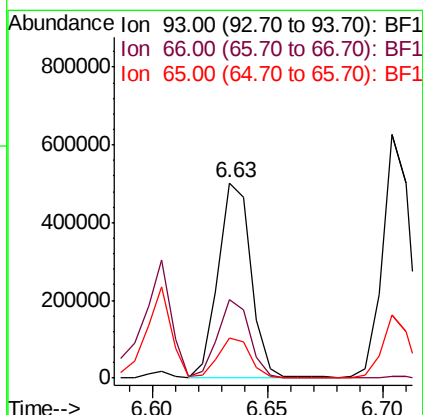
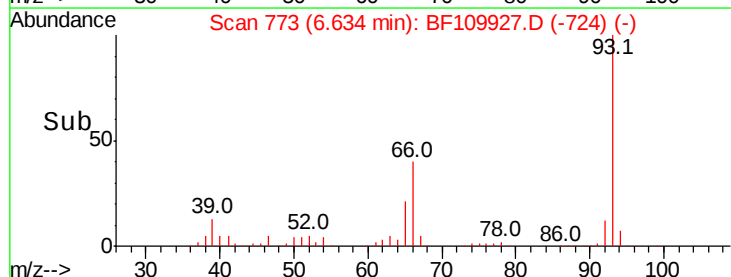
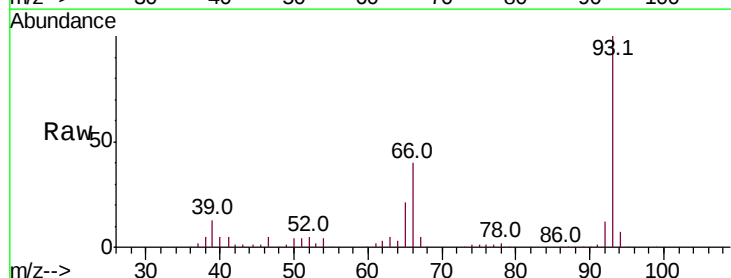
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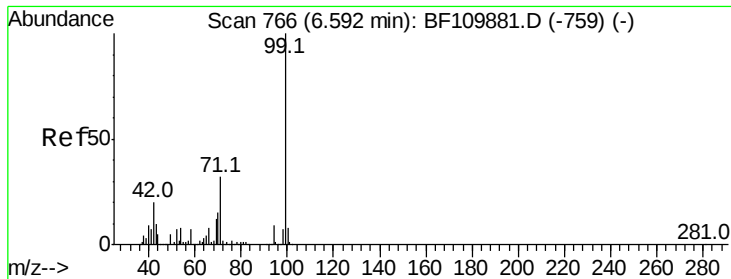
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#6
Aniline
Concen: 17.719 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.3	67.4	101.0#
65	20.8	41.0	61.4#





#7

Phenol-d6

Concen: 55.648 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

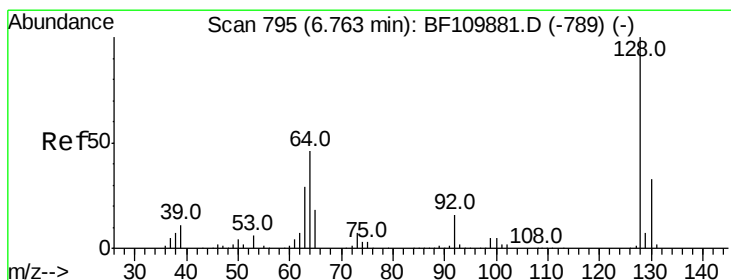
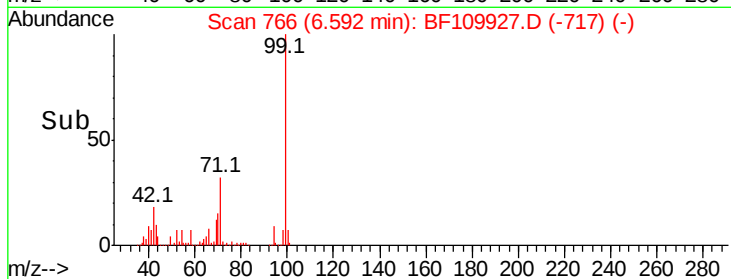
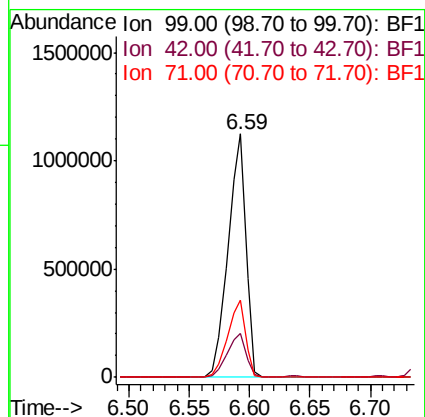
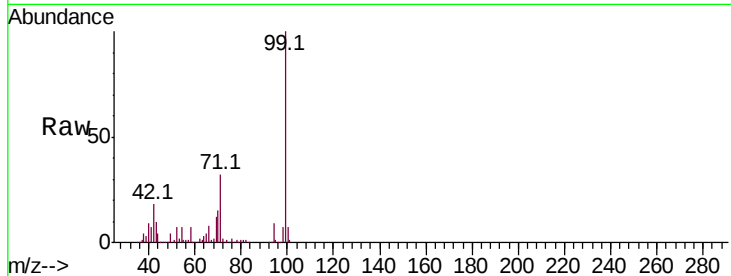
ClientSampleId :

PB113915BSD

Tot Ion:	99	Resp:	1148287
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.8	23.6
71	31.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 28.275 ng

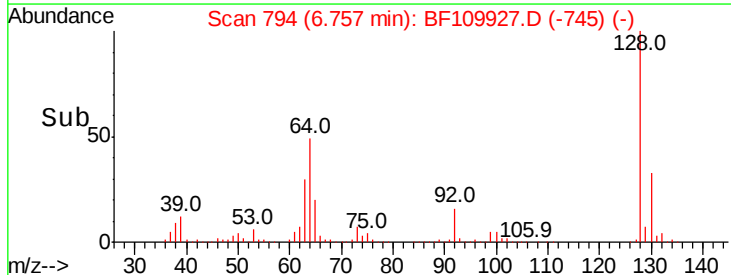
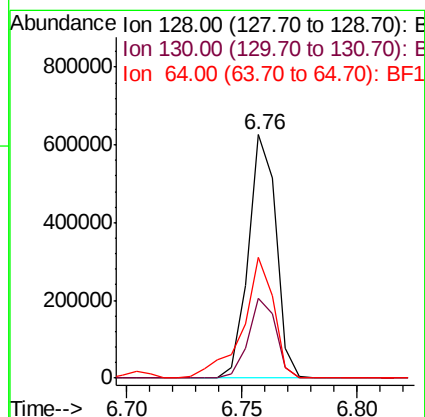
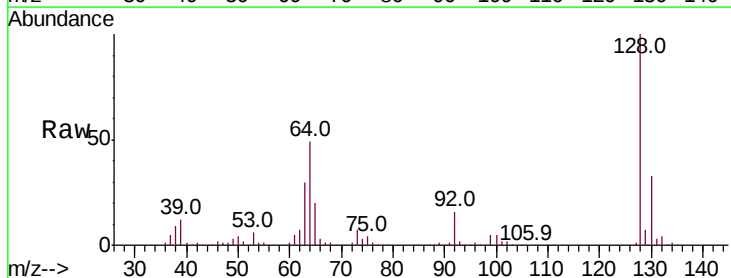
RT: 6.76 min Scan# 794

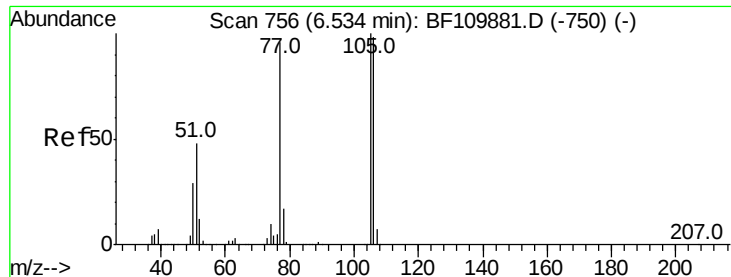
Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion:	128	Resp:	526311
Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	49.5	26.0	66.0





#9

Benzaldehyde

Concen: 16.530 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

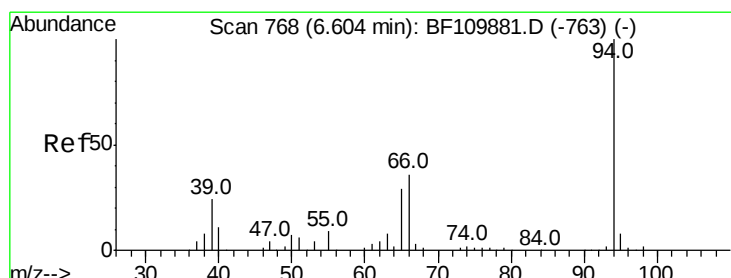
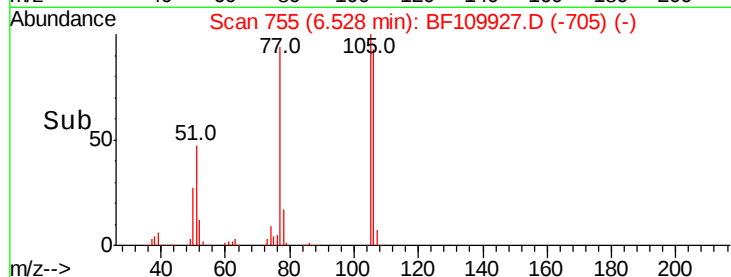
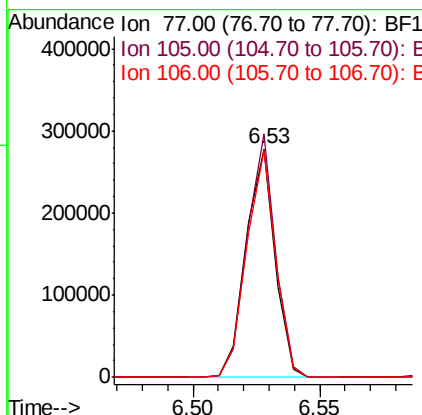
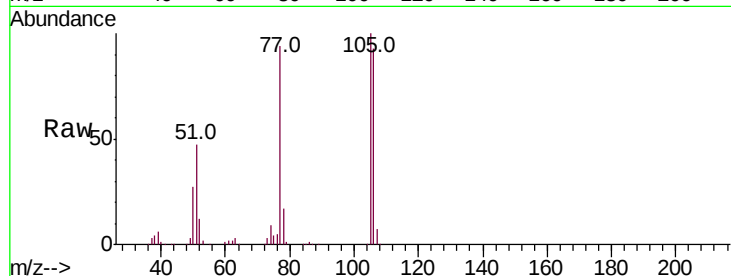
ClientSampleId :

PB113915BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.6	78.6	118.6
106	99.2	74.8	114.8

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#10

Phenol

Concen: 27.626 ng

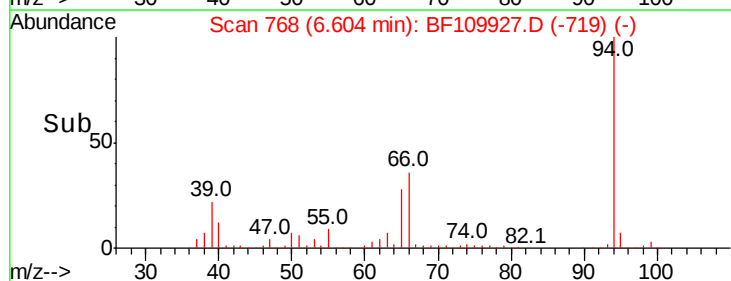
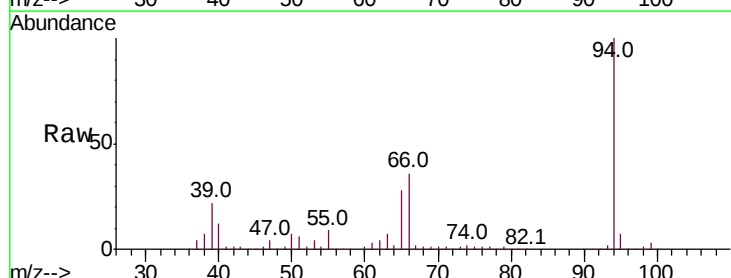
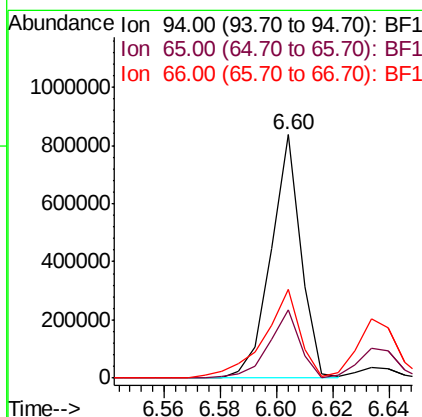
RT: 6.60 min Scan# 768

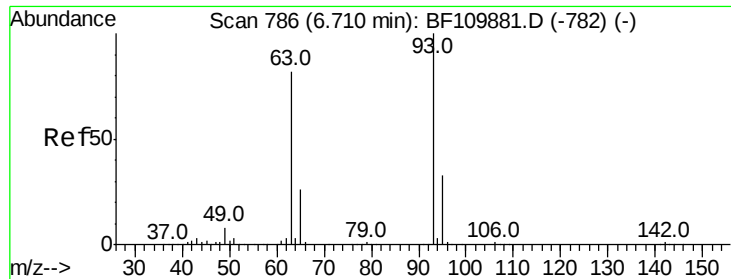
Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.9	25.3	65.3
66	36.3	54.5	94.5#





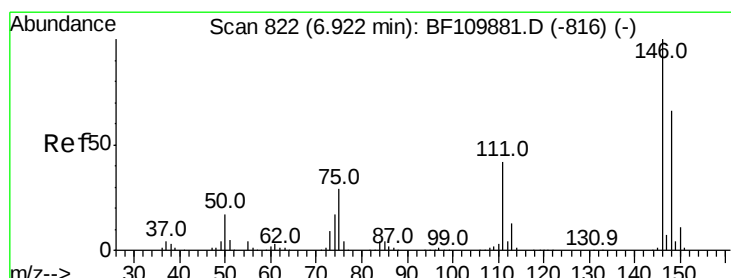
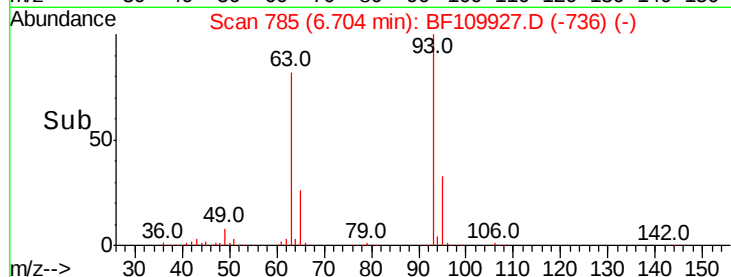
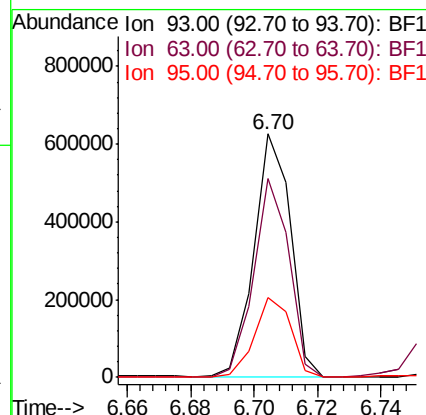
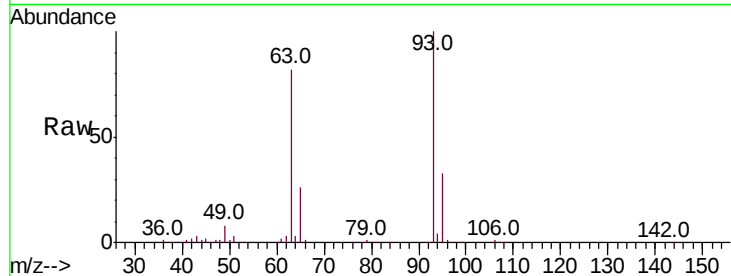
#11
bis(2-Chloroethyl)ether
Concen: 26.864 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.9	53.4	93.4
95	33.0	12.1	52.1

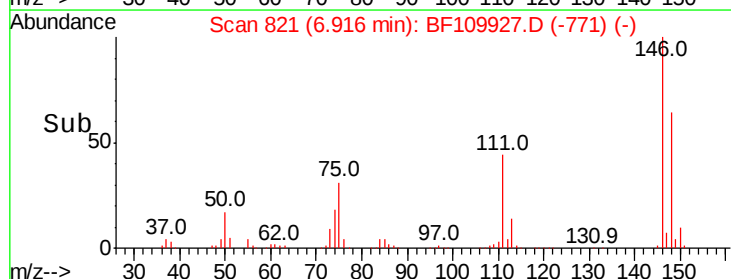
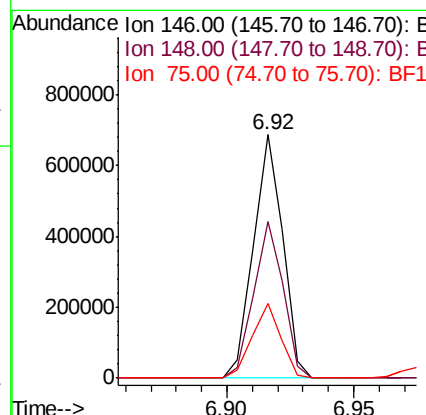
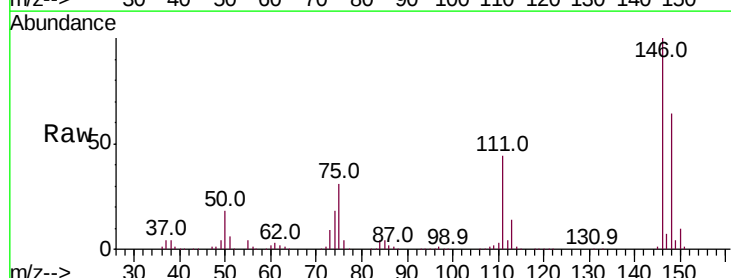
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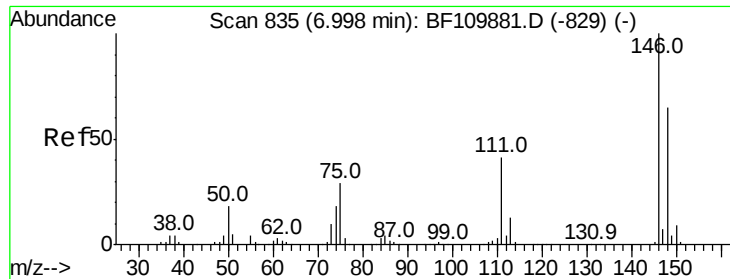
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#12
1,3-Dichlorobenzene
Concen: 27.187 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
75	30.6	25.8	38.6





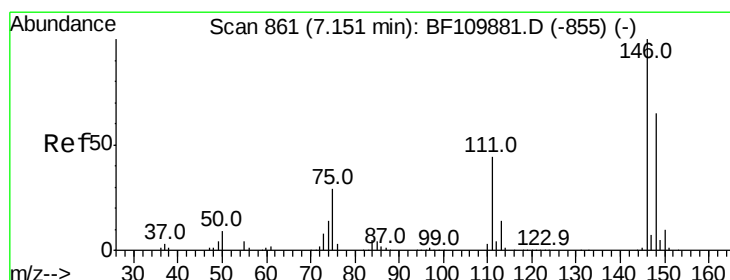
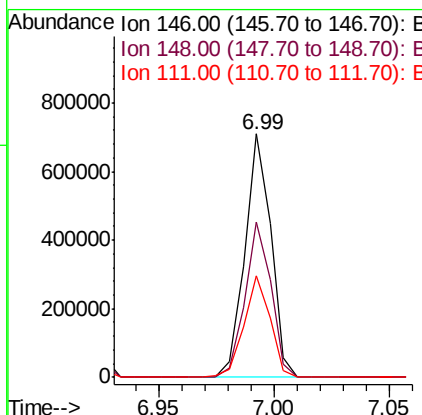
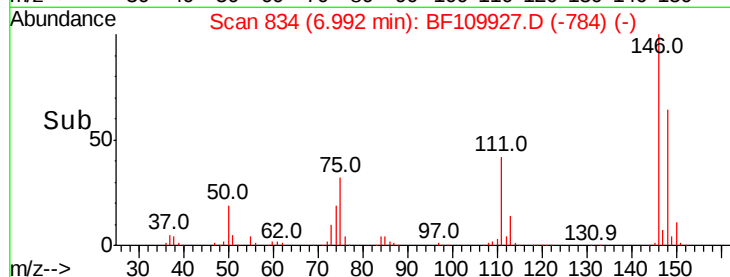
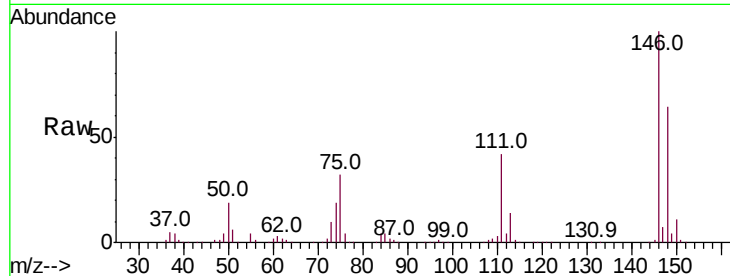
#13
 1,4-Dichlorobenzene
 Concen: 27.238 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	41.8	32.7	49.1

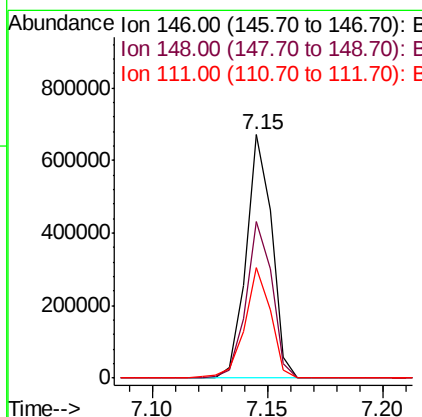
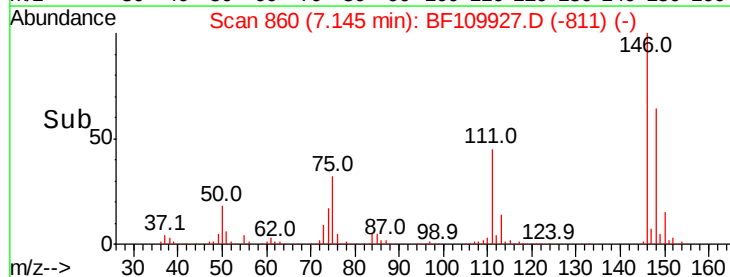
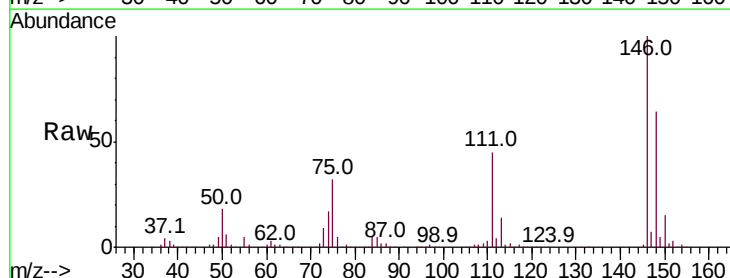
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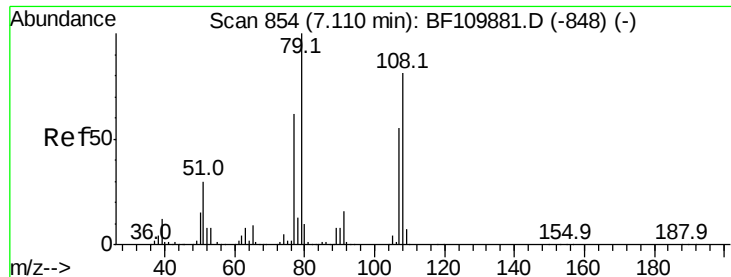
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#14
 1,2-Dichlorobenzene
 Concen: 27.741 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	45.4	35.8	53.6





#15

Benzyl Alcohol

Concen: 28.390 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

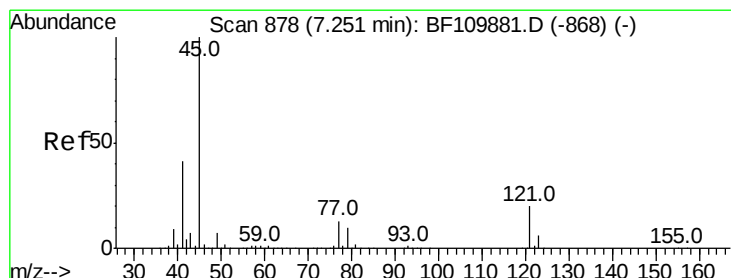
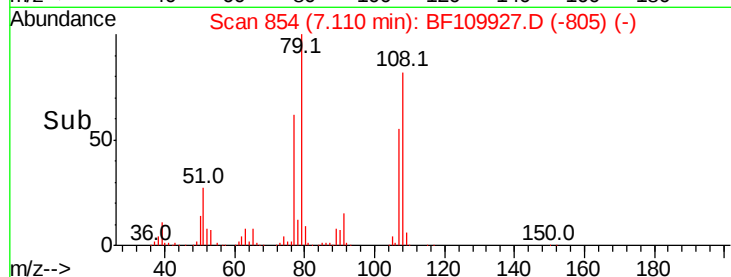
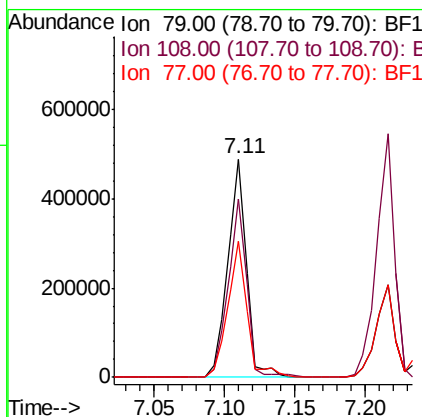
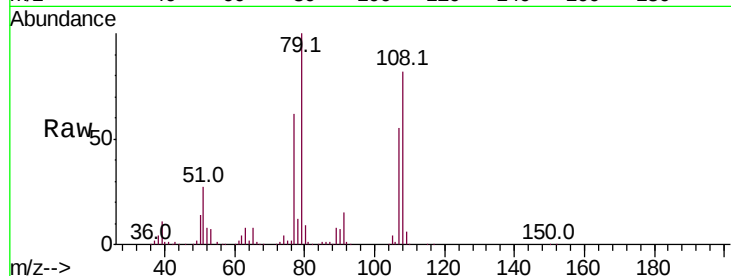
ClientSampleId :

PB113915BSD

Tot Ion:	79	Resp:	450690
Ion	Ratio	Lower	Upper
79	100		
108	81.6	56.3	84.5
77	62.1	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 27.246 ng

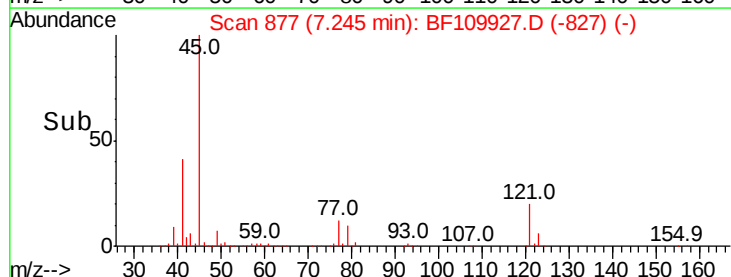
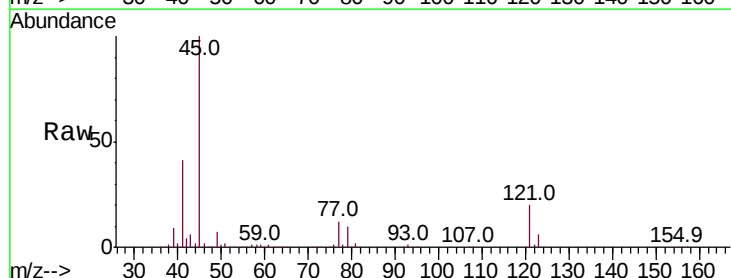
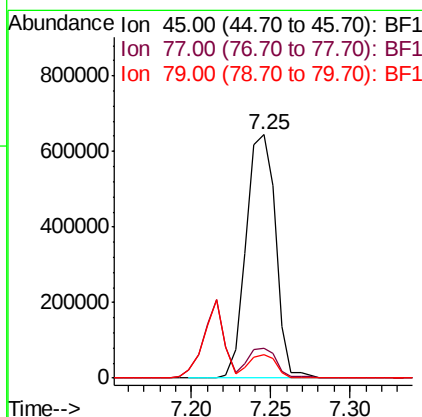
RT: 7.25 min Scan# 877

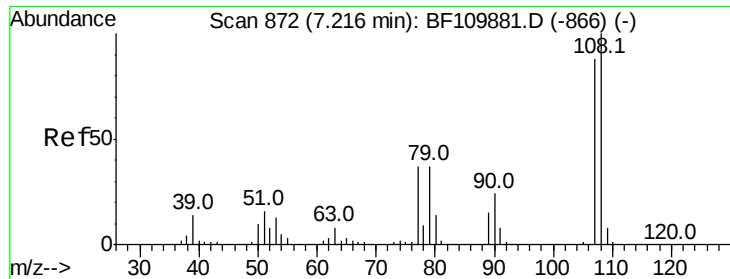
Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion:	45	Resp:	833028
Ion	Ratio	Lower	Upper
45	100		
77	12.4	10.0	50.0
79	9.6	6.1	46.1





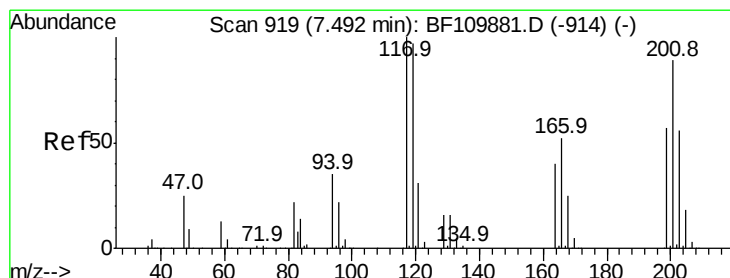
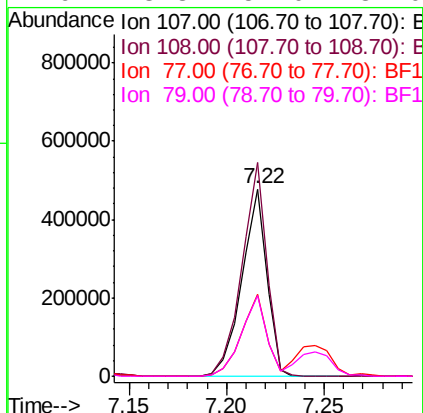
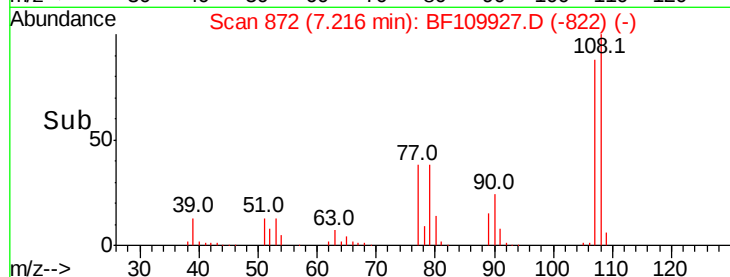
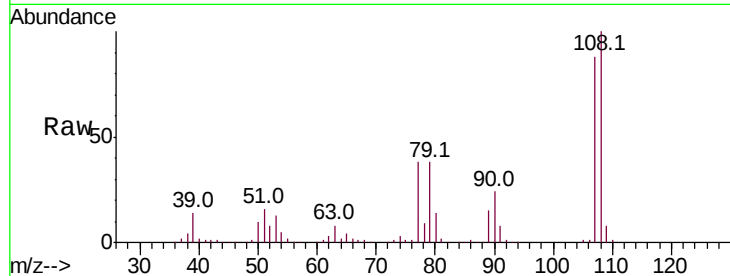
#17
2-Methylphenol
Concen: 28.354 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.6	138.8
77	43.5	59.4	89.2#
79	43.3	54.0	81.0#

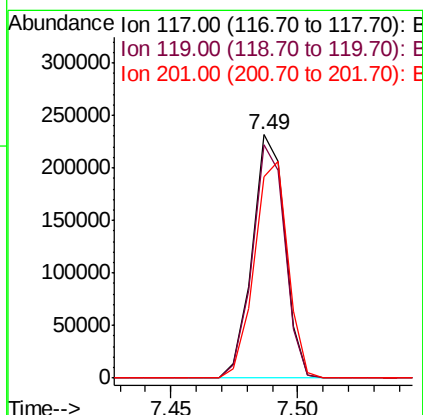
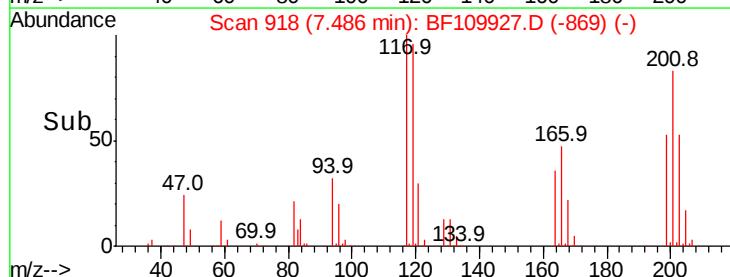
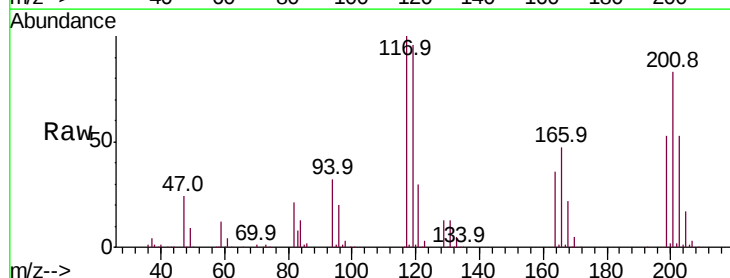
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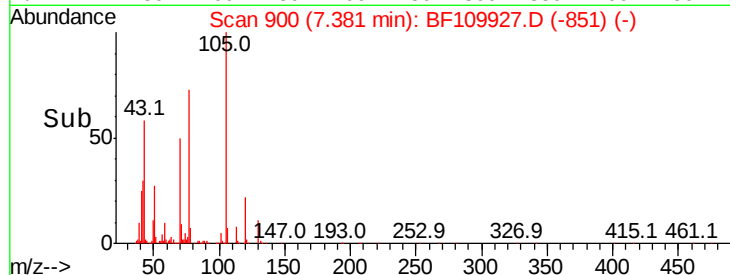
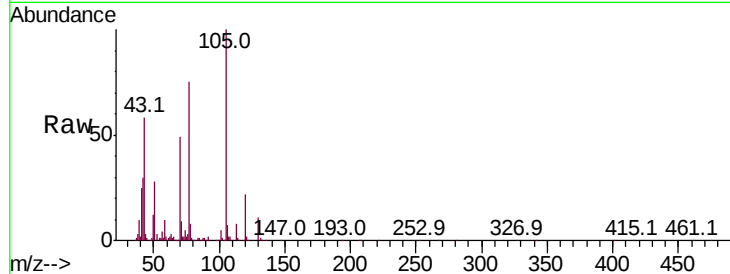
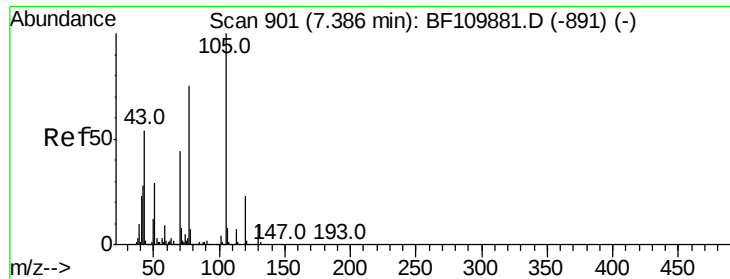
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#18
Hexachloroethane
Concen: 28.743 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.6
201	82.5	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 26.737 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

PB113915BSD

Tot Ion: 70 Resp: 354236

Ion Ratio Lower Upper

70 100

42 61.5 47.4 71.2

101 9.9 7.3 10.9

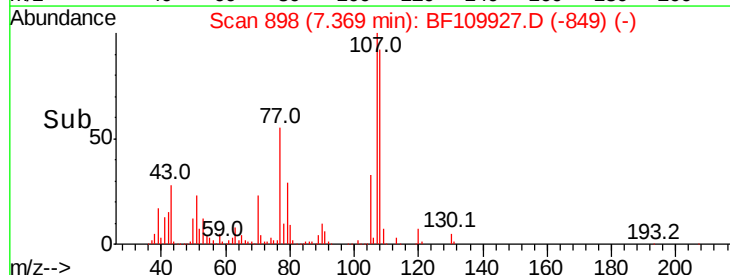
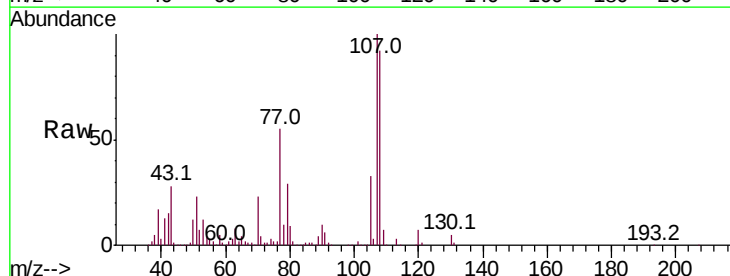
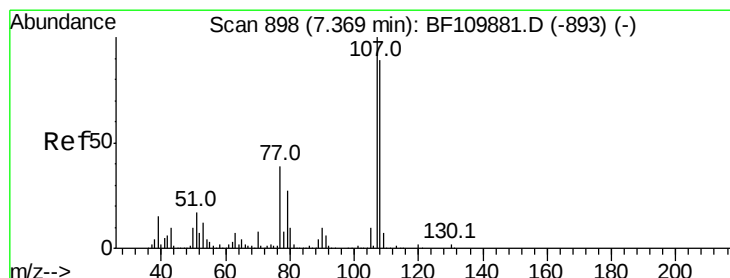
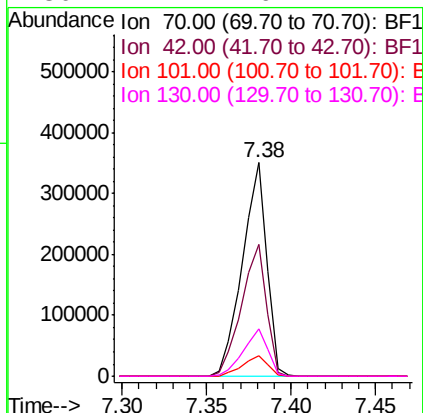
130 22.2 16.2 24.2

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#20

3+4-Methylphenols

Concen: 28.469 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion:107 Resp: 542269

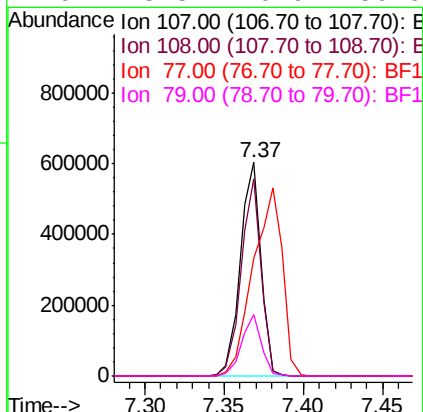
Ion Ratio Lower Upper

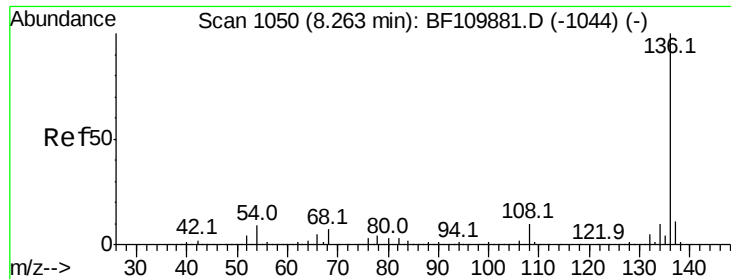
107 100

108 92.1 71.4 111.4

77 55.2 47.3 87.3

79 28.5 10.9 50.9





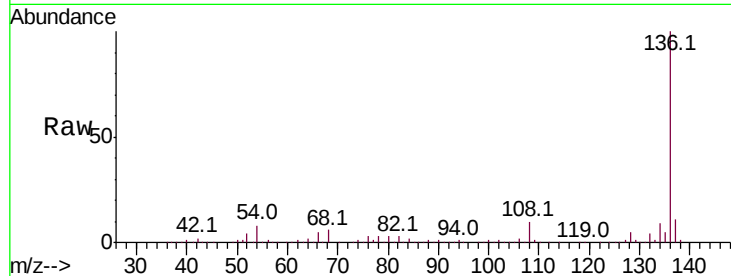
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

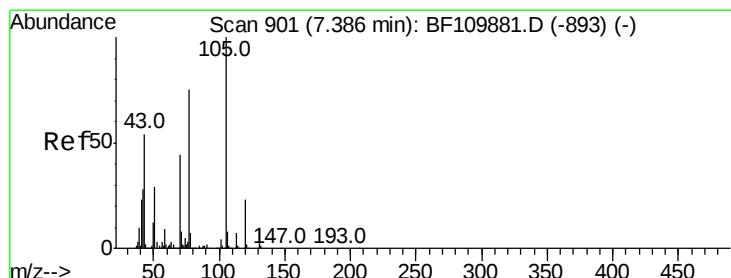
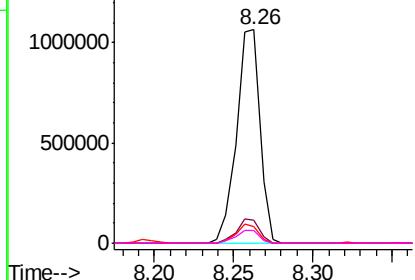
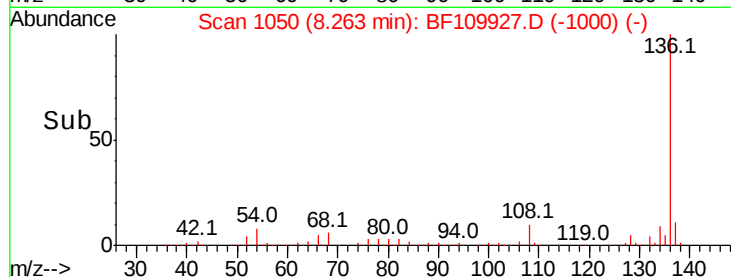
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	5.4	8.2
68	5.7	4.2	6.2

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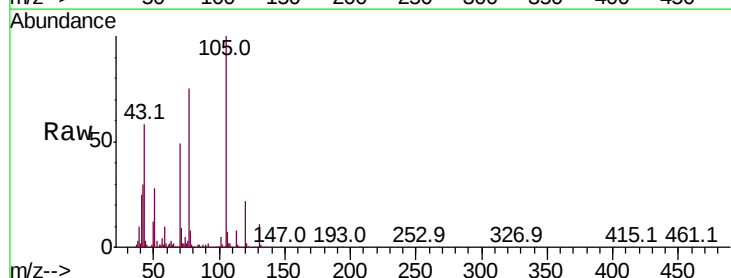


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

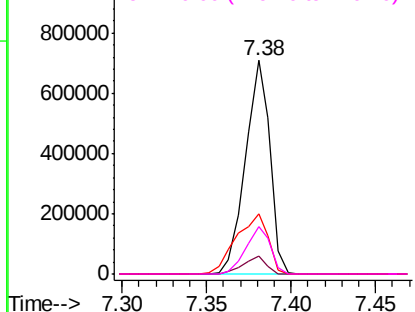
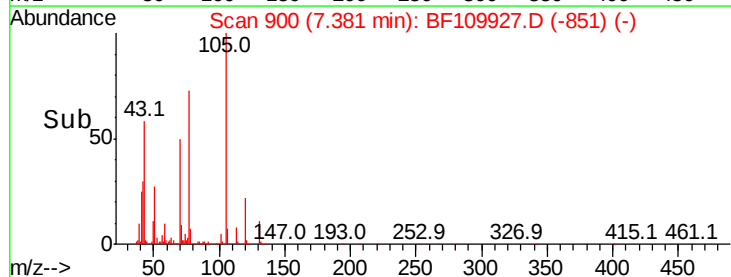


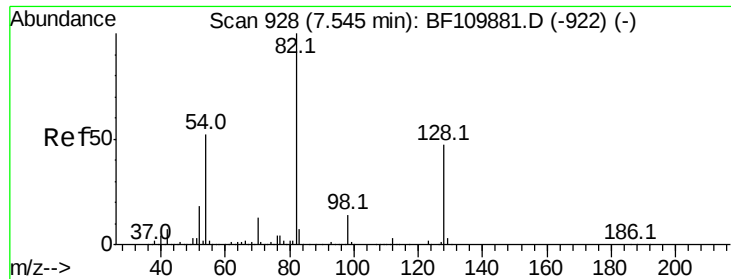
#22
Acetophenone
Concen: 28.211 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.2	7.8#
51	28.0	21.8	32.8
120	22.4	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





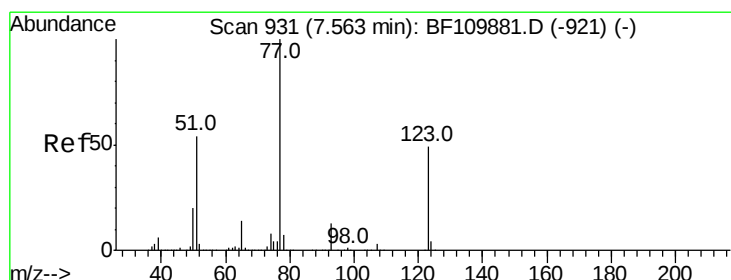
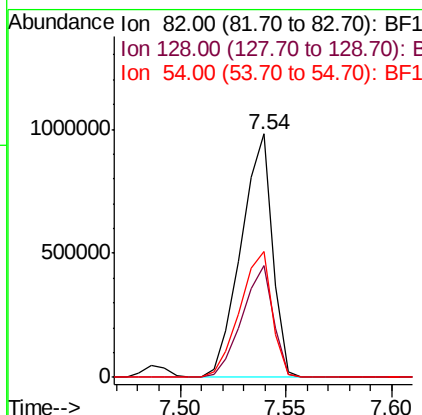
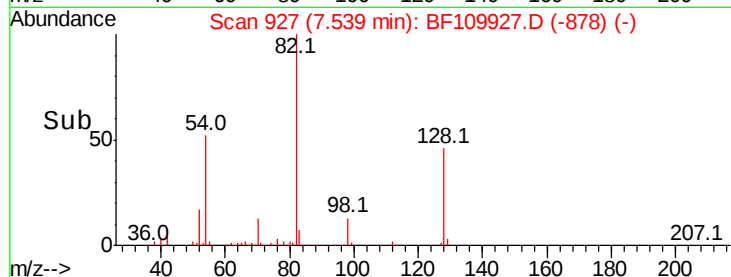
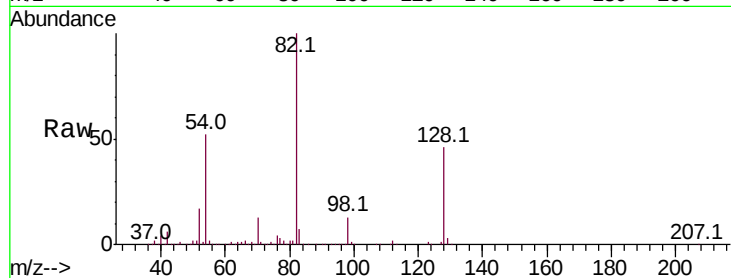
#23
Nitrobenzene-d5
Concen: 62.261 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampled :
PB113915BSD

Tot Ion: 82 Resp: 1010619
Ion Ratio Lower Upper
82 100
128 46.0 34.2 51.2
54 51.6 38.6 58.0

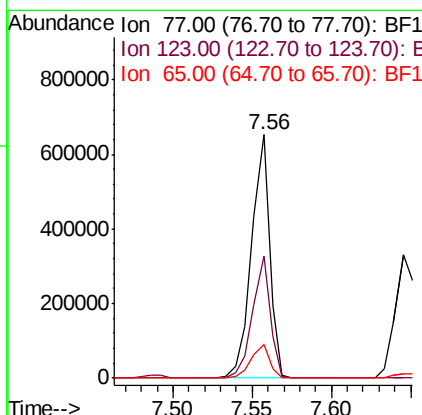
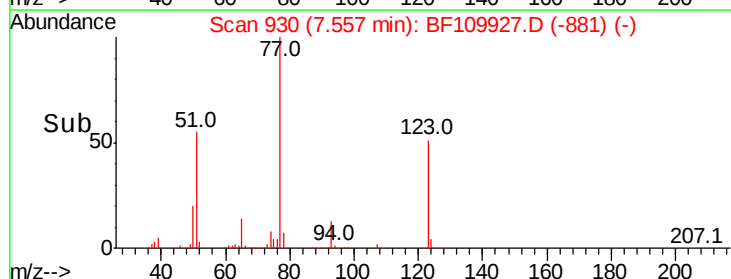
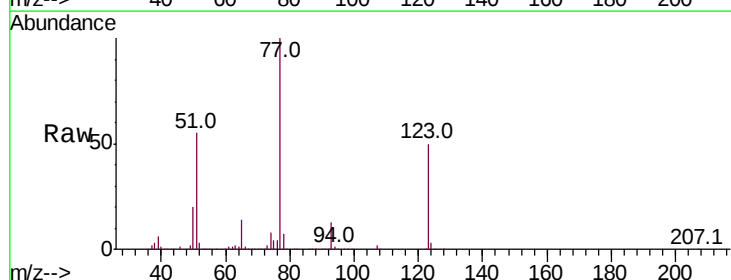
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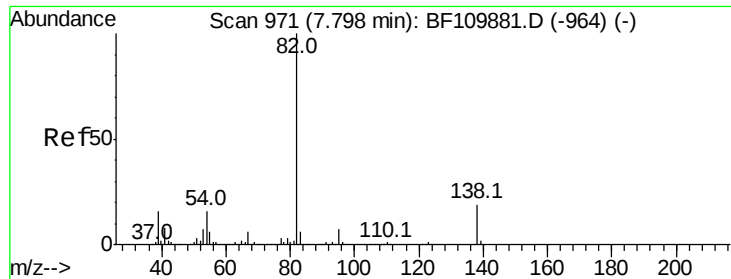
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#24
Nitrobenzene
Concen: 29.417 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion: 77 Resp: 518722
Ion Ratio Lower Upper
77 100
123 50.3 35.7 53.5
65 13.8 10.7 16.1





#25

Isophorone

Concen: 30.652 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

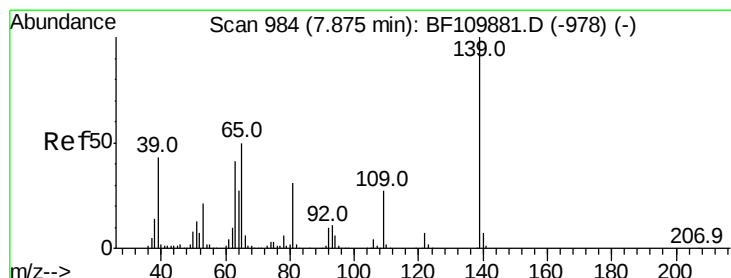
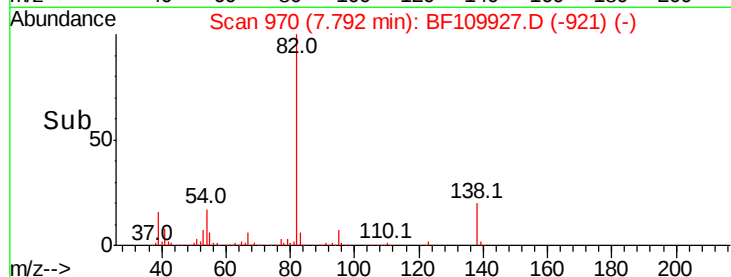
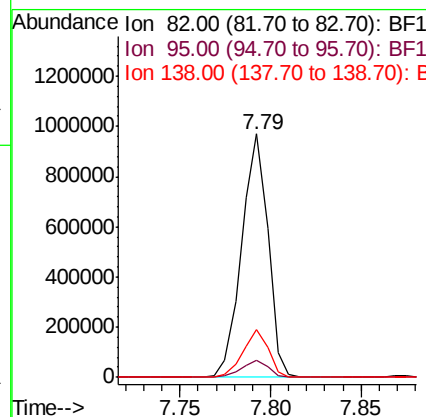
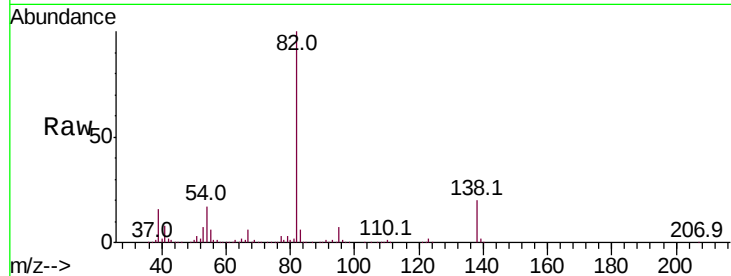
ClientSampleId :

PB113915BSD

Tot Ion:	82	Resp:	977627
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	19.5	13.2	19.8

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#26

2-Nitrophenol

Concen: 33.437 ng

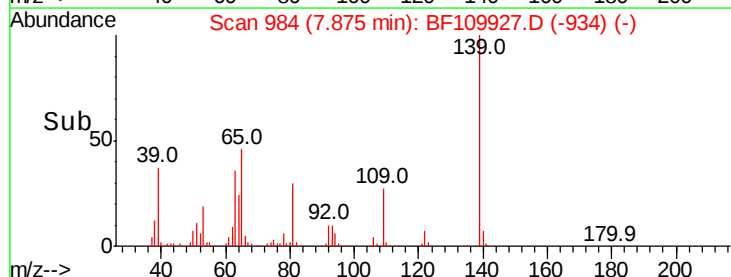
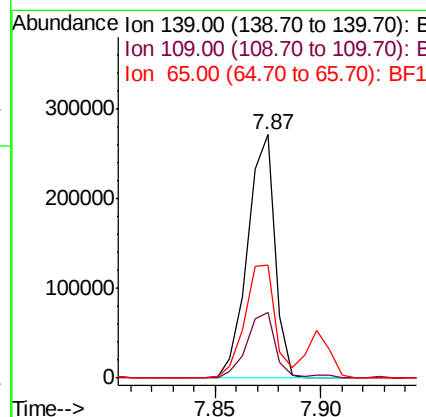
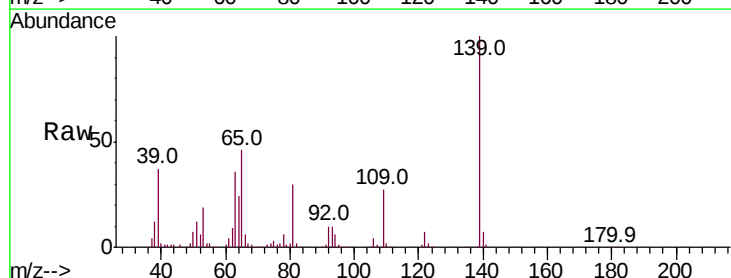
RT: 7.87 min Scan# 984

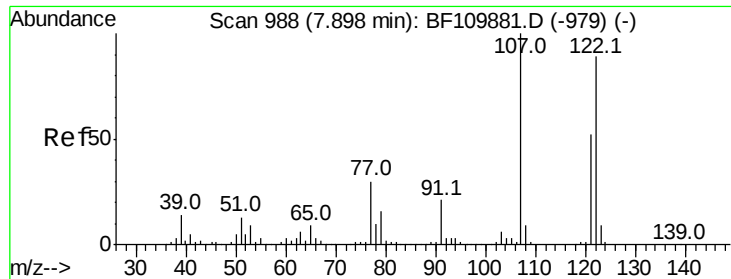
Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion:	139	Resp:	244465
Ion Ratio	Lower	Upper	
139	100		
109	26.8	25.0	37.6
65	46.4	44.0	66.0





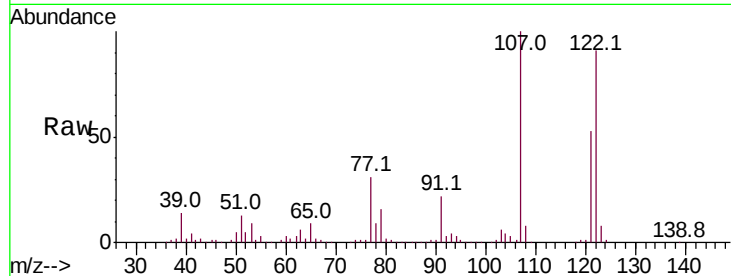
#27
2,4-Dimethylphenol
Concen: 31.471 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	92.5	138.7
121	58.2	45.8	68.8

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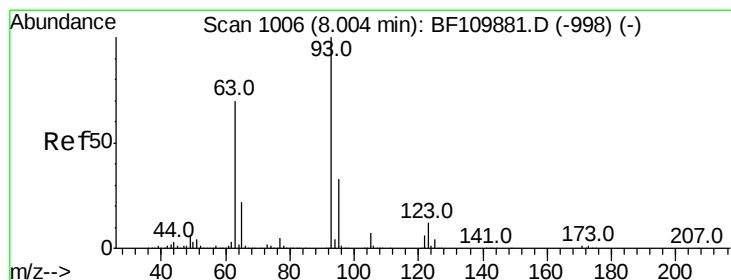
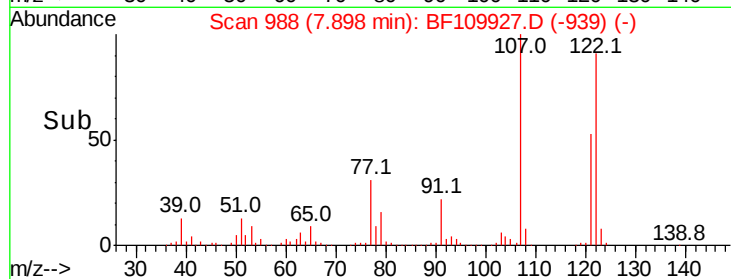
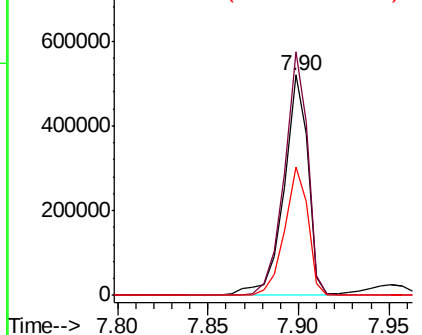


Abundance

Ion 122.00 (121.70 to 122.70): E

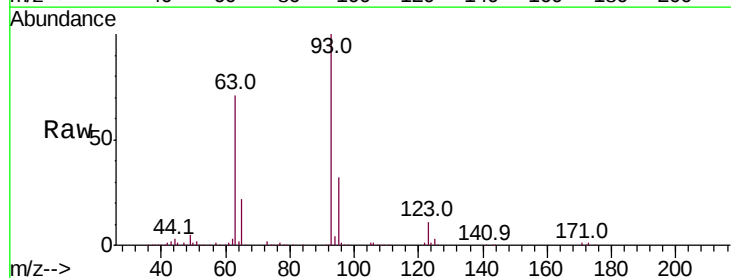
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 29.111 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.4	39.6
123	11.2	9.0	13.6

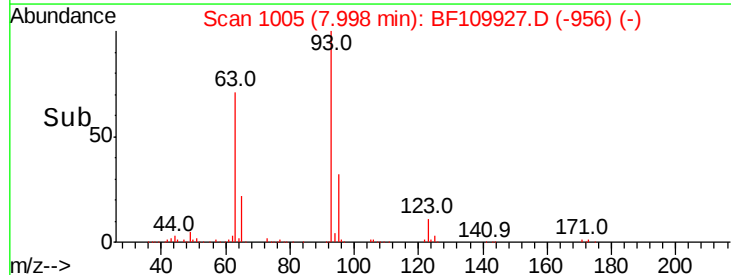
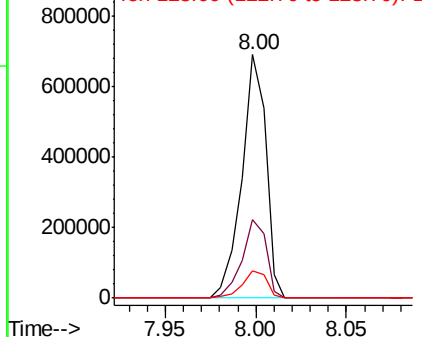


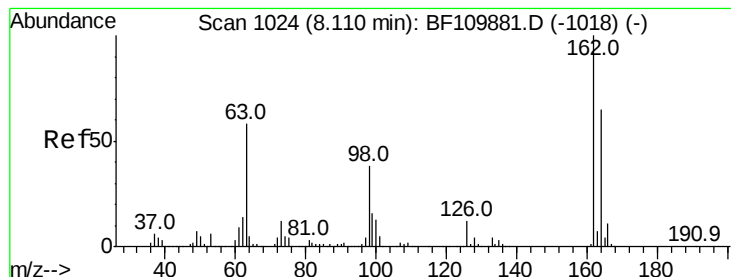
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 28.873 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

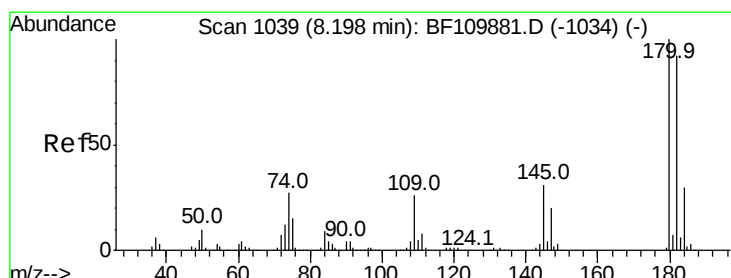
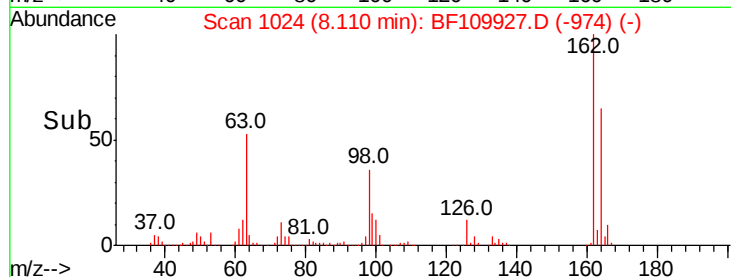
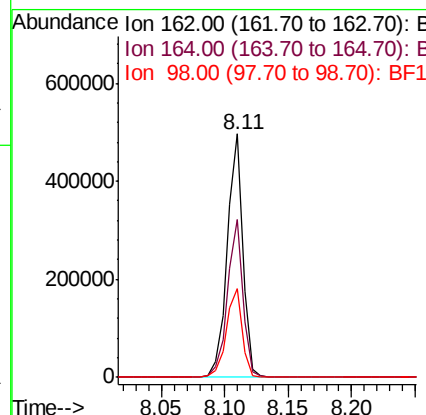
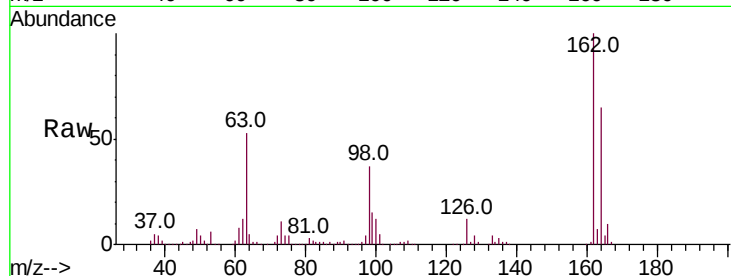
ClientSampleId :

PB113915BSD

Tot Ion:	162	Resp:	430293
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.6	84.6
98	36.5	17.4	57.4

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#30

1,2,4-Trichlorobenzene

Concen: 27.641 ng

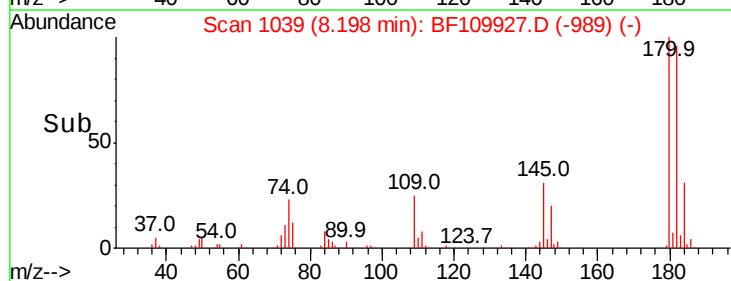
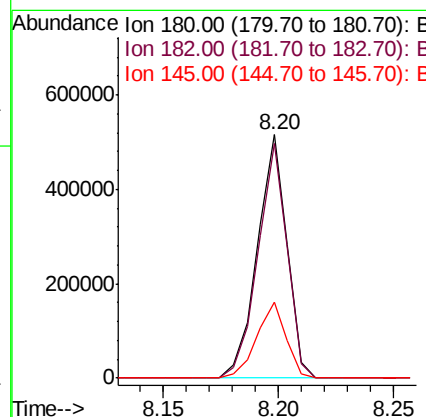
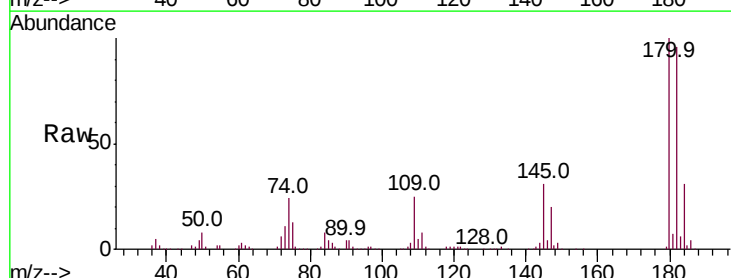
RT: 8.20 min Scan# 1039

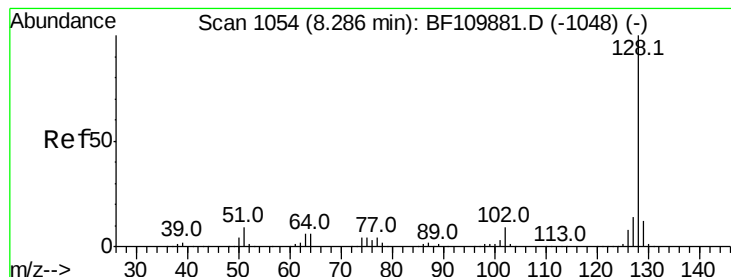
Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion:	180	Resp:	461239
Ion Ratio	Lower	Upper	
180	100		
182	96.2	80.3	120.5
145	31.3	25.4	38.0





#31

Naphthalene

Concen: 29.753 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

PB113915BSD

Tot Ion:128 Resp: 1491879

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

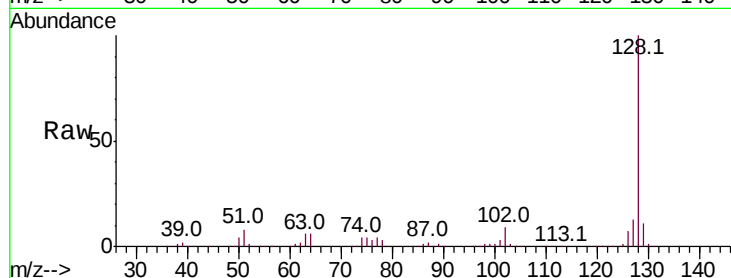
127 13.3 10.8 16.2

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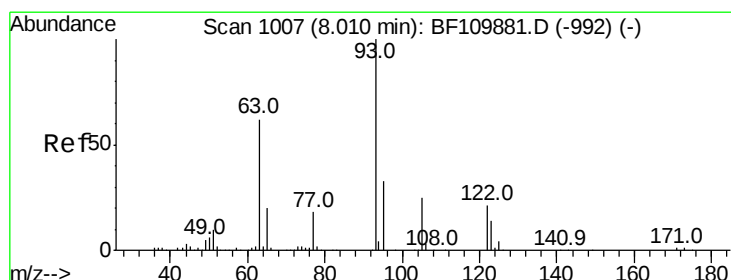
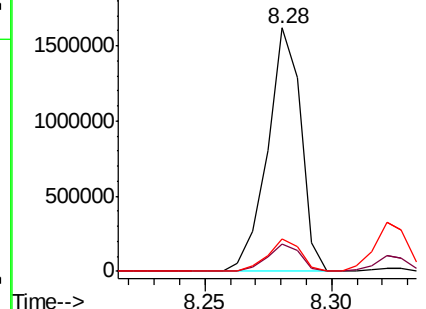
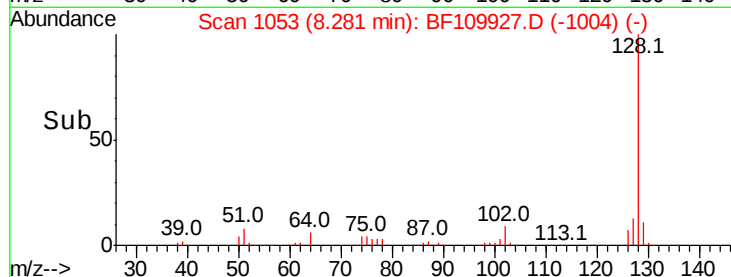
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.177 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

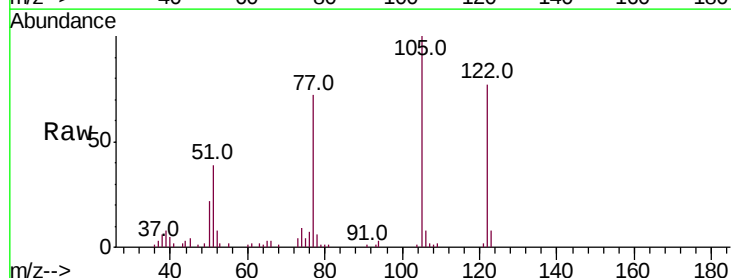
Tgt Ion:122 Resp: 59124

Ion Ratio Lower Upper

122 100

105 129.4 109.0 149.0

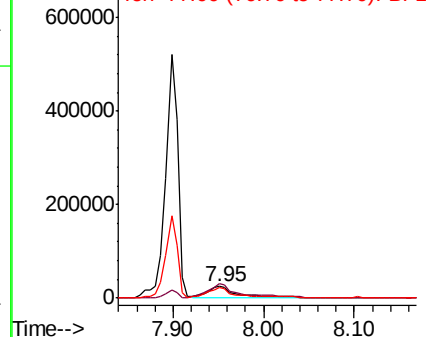
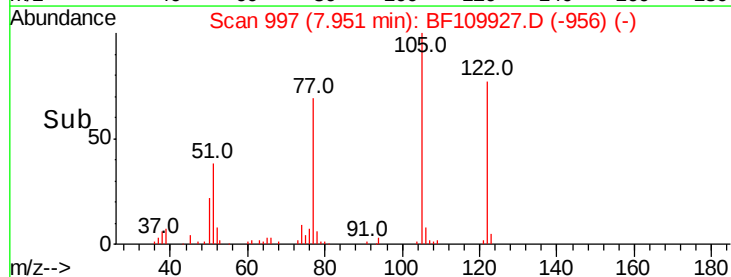
77 92.9 79.0 119.0

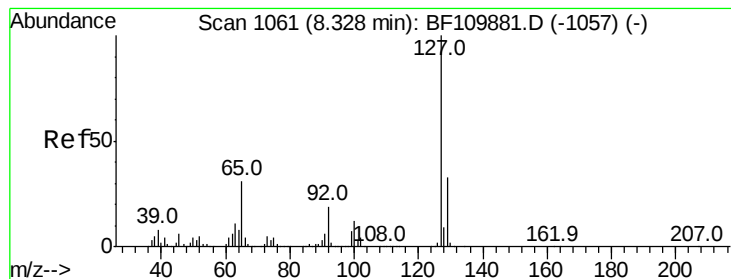


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





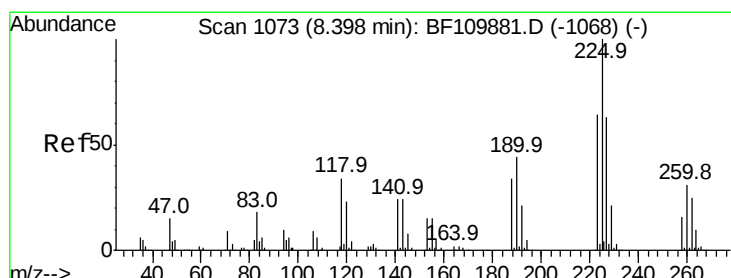
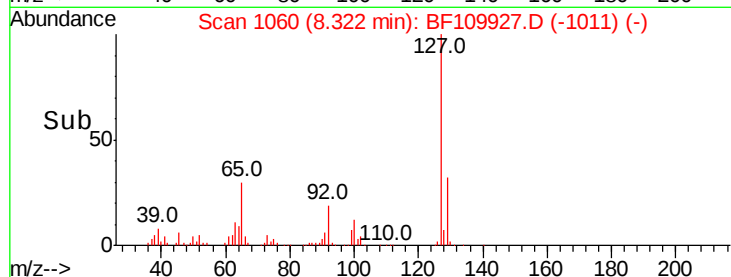
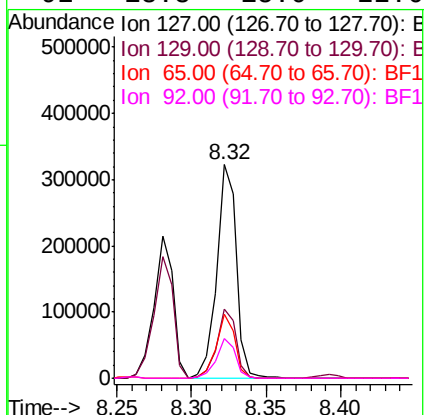
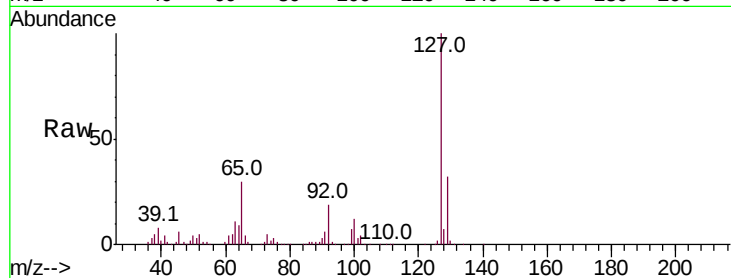
#33
 4-Chloroaniline
 Concen: 13.185 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleID :
 PB113915BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	26.0	39.0
65	30.2	25.1	37.7
92	18.8	15.0	22.6

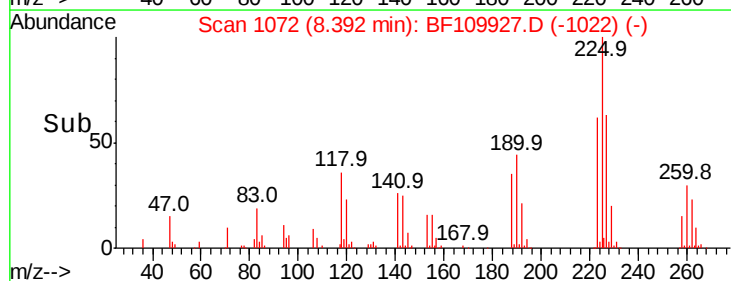
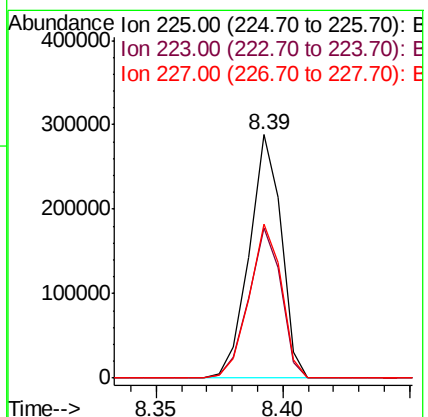
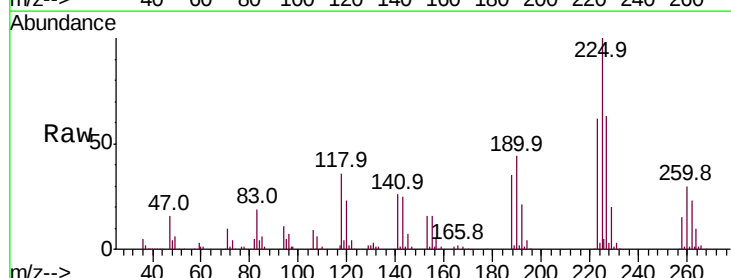
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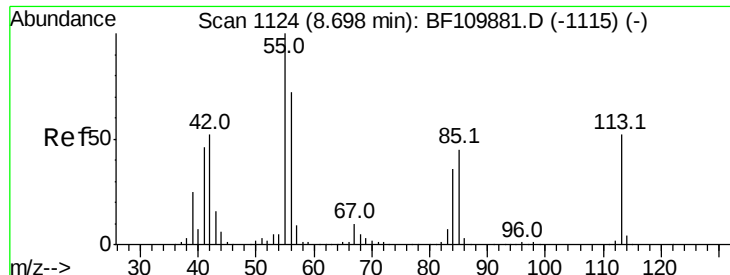
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#34
 Hexachlorobutadiene
 Concen: 27.627 ng
 RT: 8.39 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.6	51.4	77.2
227	63.0	51.0	76.6





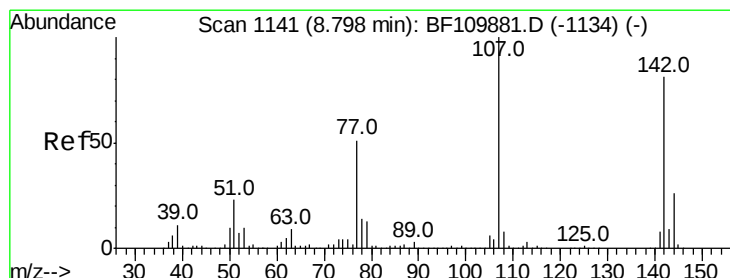
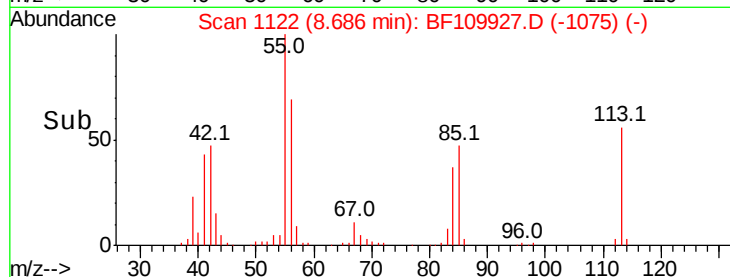
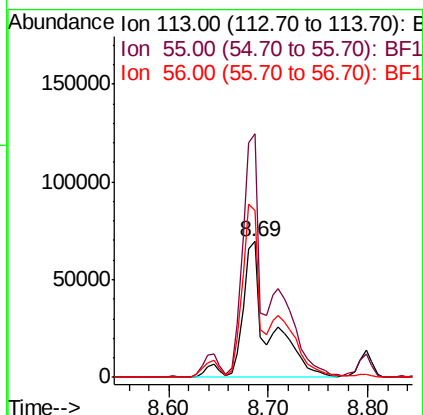
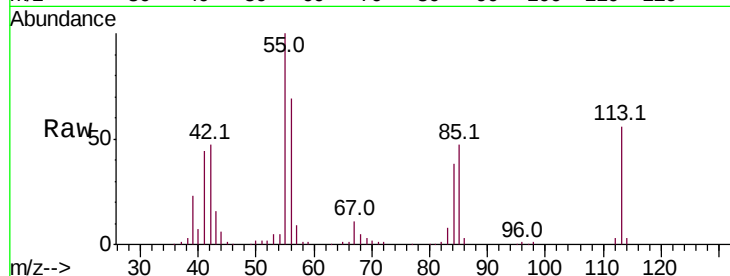
#35
Caprolactam
Concen: 24.647 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.6	142.8	182.8
56	123.0	105.0	145.0

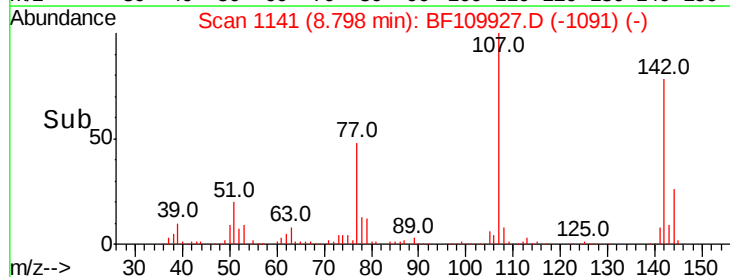
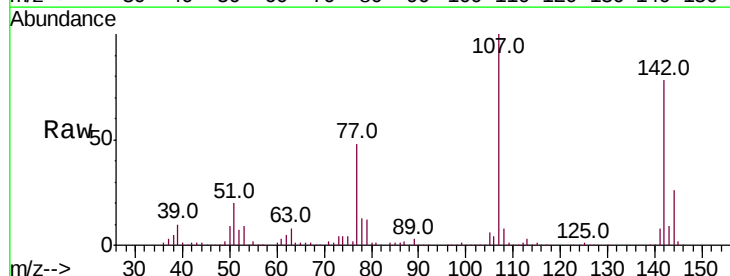
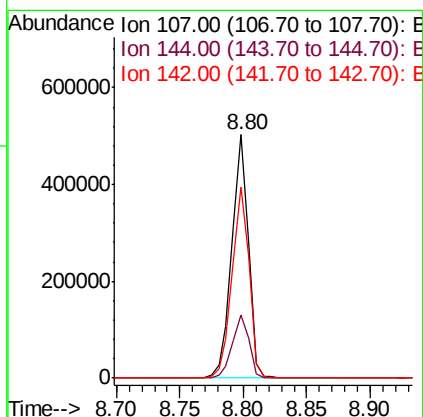
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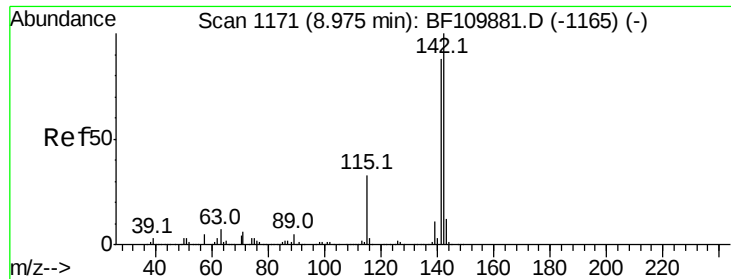
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10/18/2018 2:04:23 PM



#36
4-Chloro-3-methylphenol
Concen: 28.764 ng/ml
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.0	30.0
142	78.4	59.7	89.5





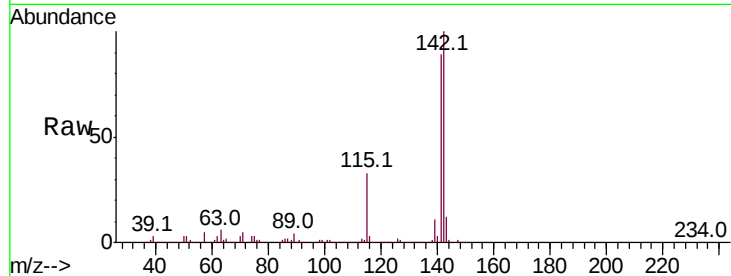
#37
2-Methylnaphthalene
Concen: 31.745 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	33.0	28.7	43.1

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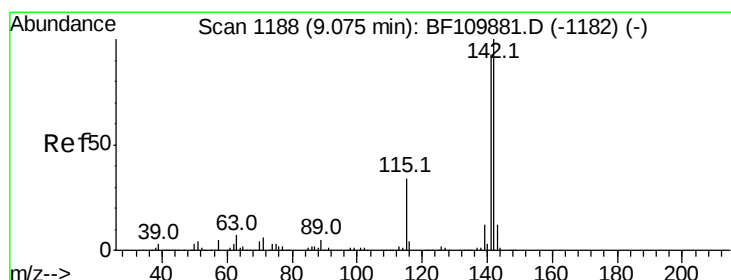
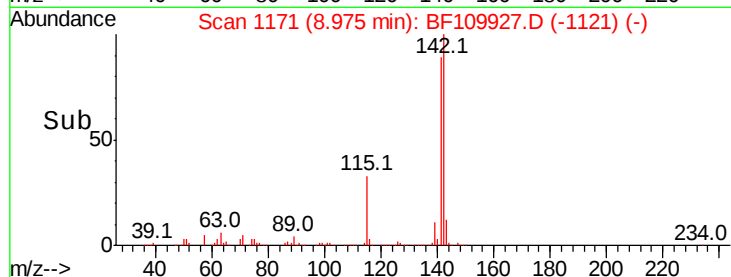
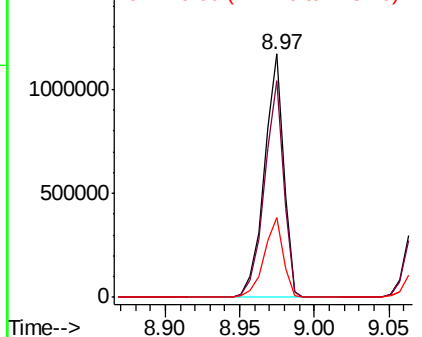


Abundance

Ion 142.00 (141.70 to 142.70): E

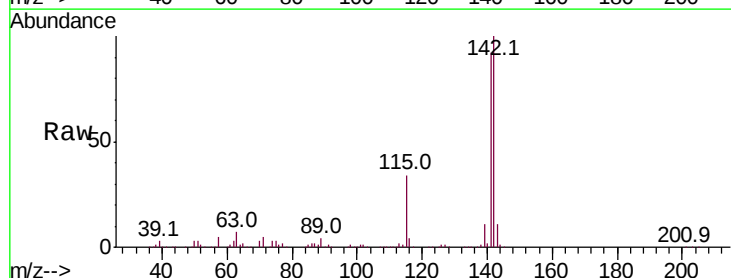
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 30.856 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4
116	3.5	2.6	4.0

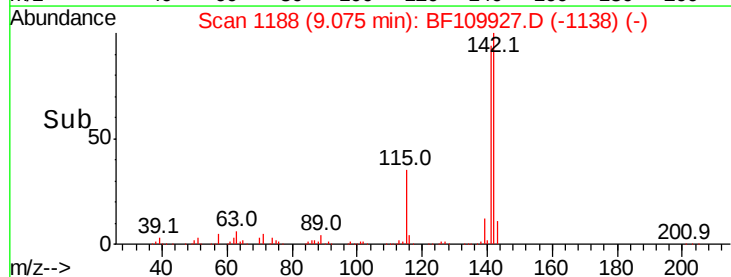
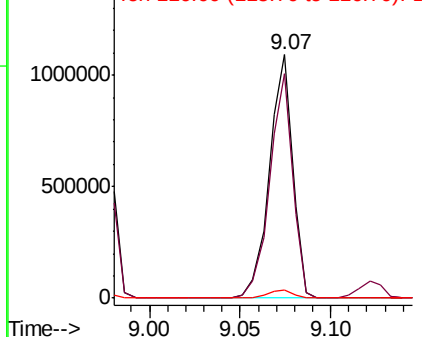


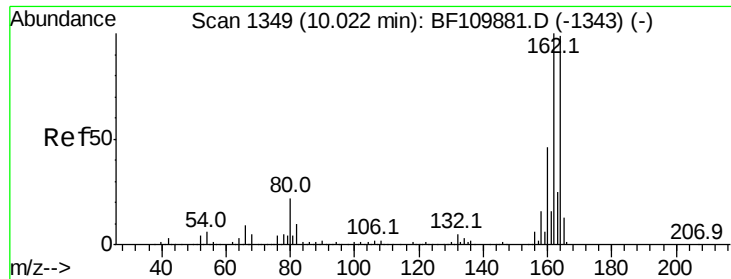
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





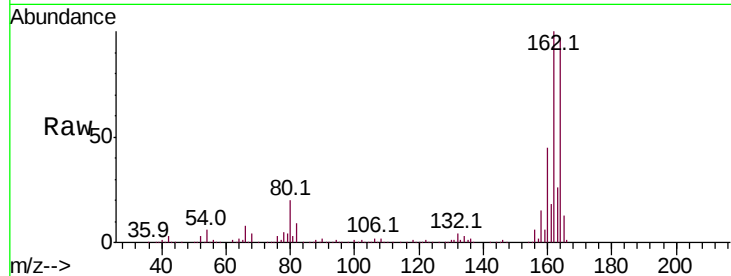
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	83.0	124.6	
160	46.0	37.0	55.6	

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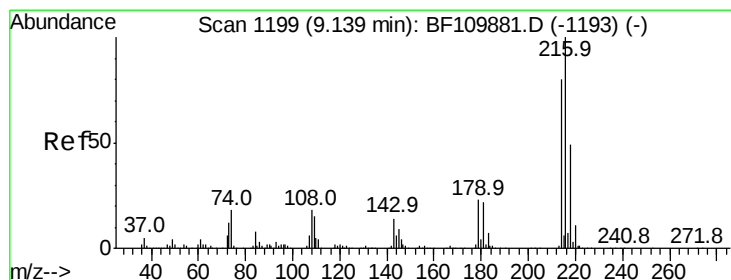
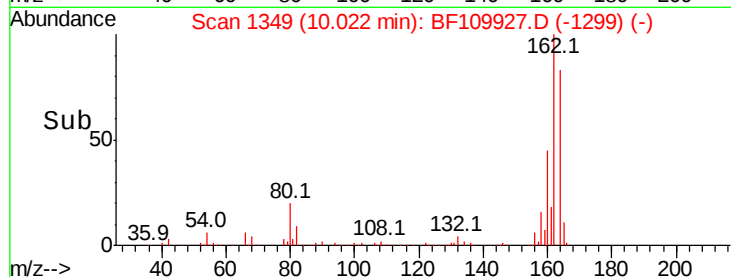
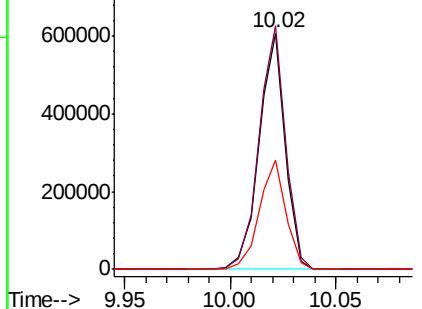


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.921 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	63.8	95.6	
179	22.3	16.6	25.0	
108	22.2	15.1	22.7	

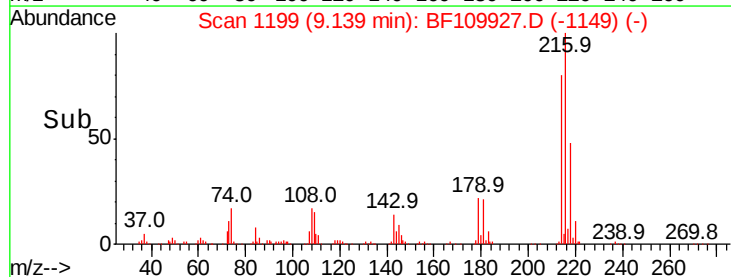
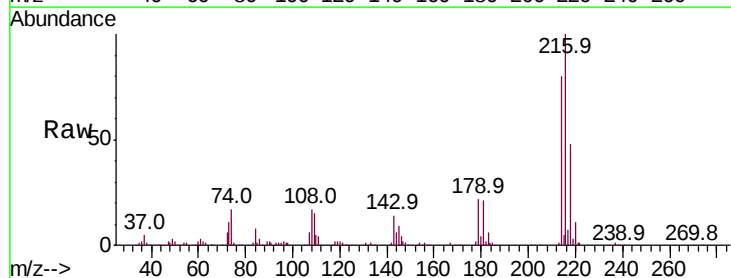
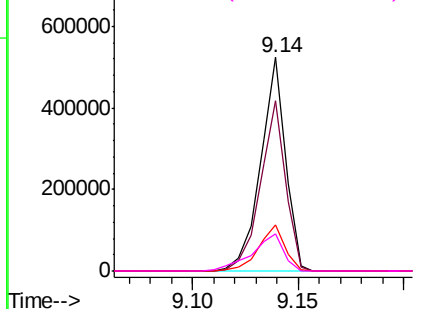
Abundance

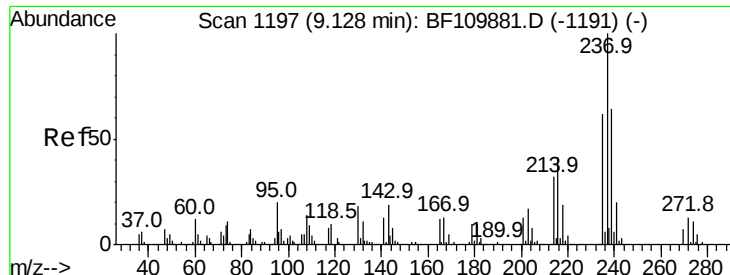
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





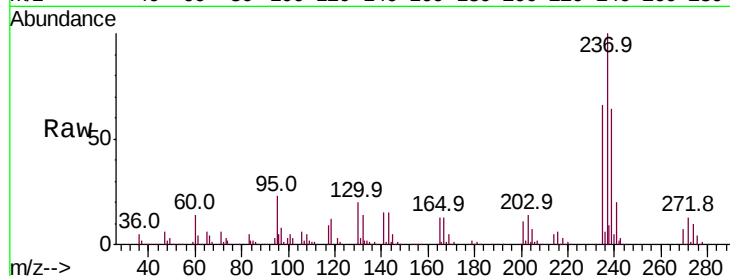
#41
Hexachlorocyclopentadiene
Concen: 65.996 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

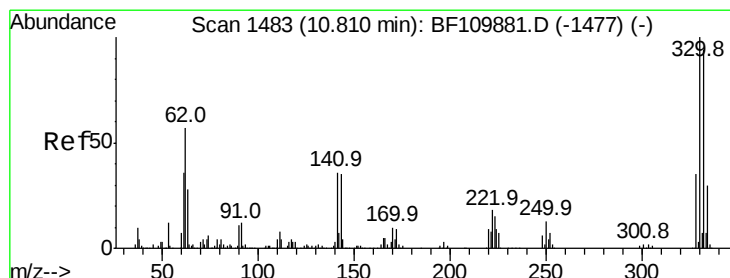
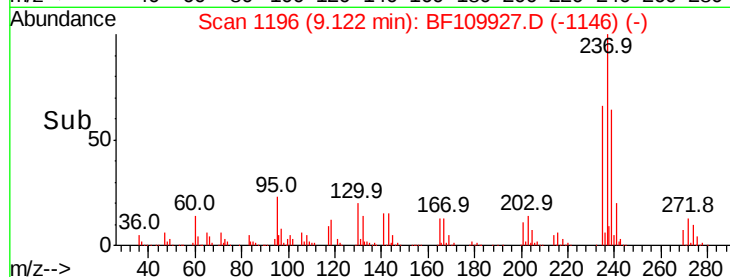
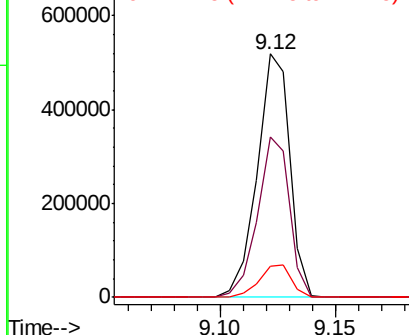
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	65.7	43.1	83.1
272	12.7	0.0	32.6

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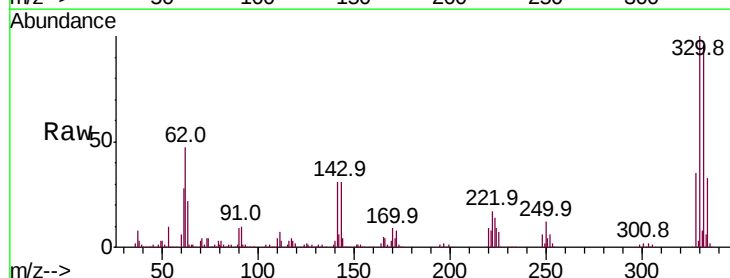


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

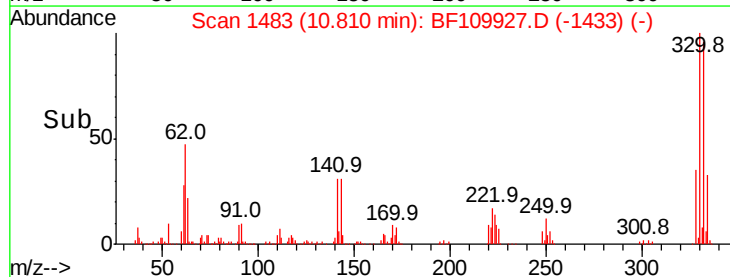
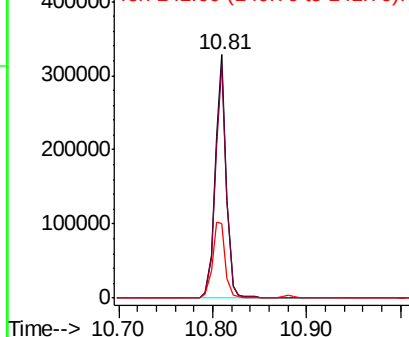


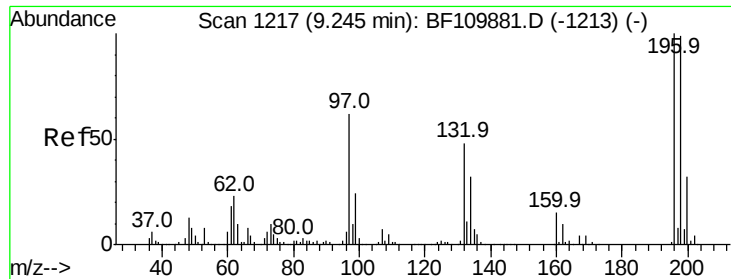
#42
2,4,6-Tribromophenol
Concen: 61.077 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	77.1	115.7
141	35.9	27.0	40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





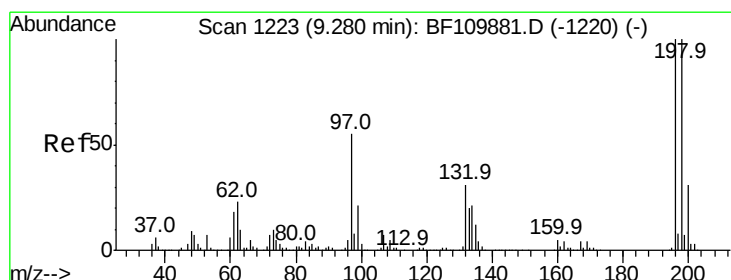
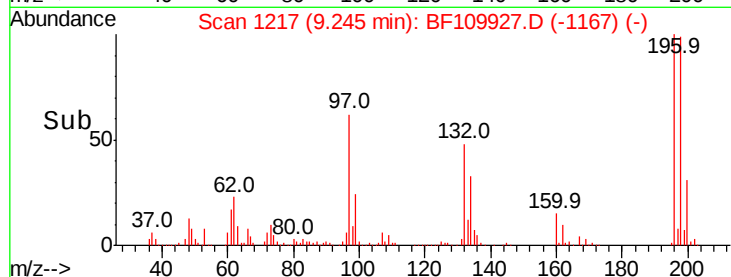
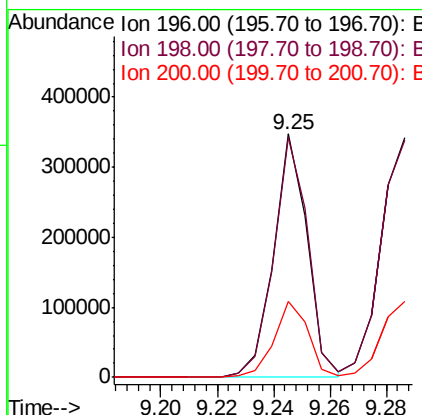
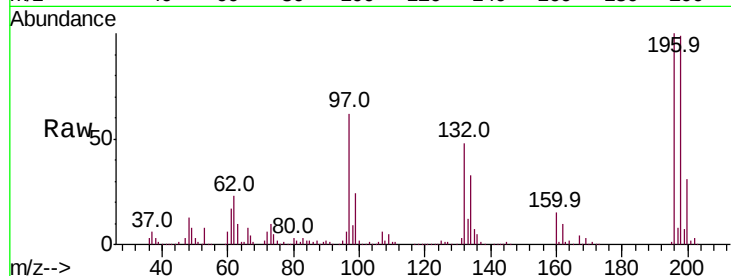
#43
 2,4,6-Trichlorophenol
 Concen: 28.595 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	286869		
198	98.6	76.2	114.4	
200	31.2	24.4	36.6	

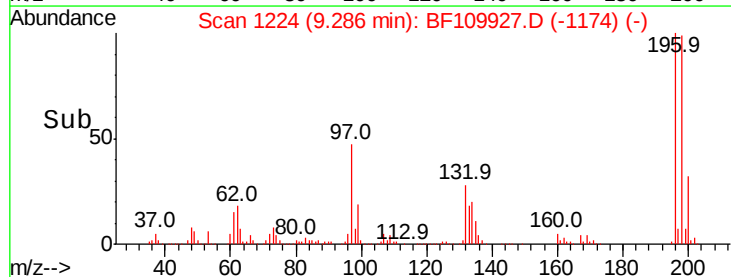
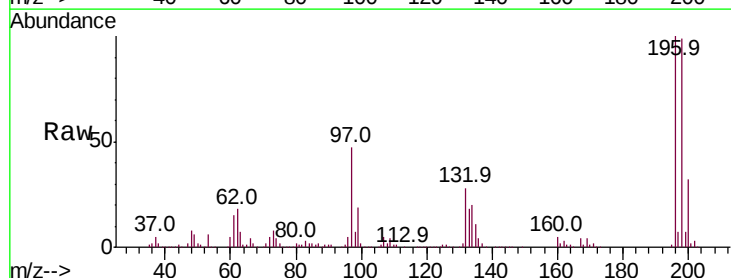
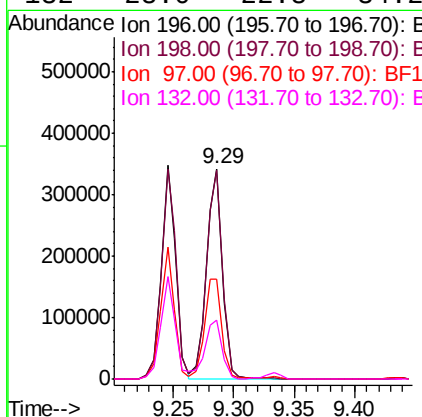
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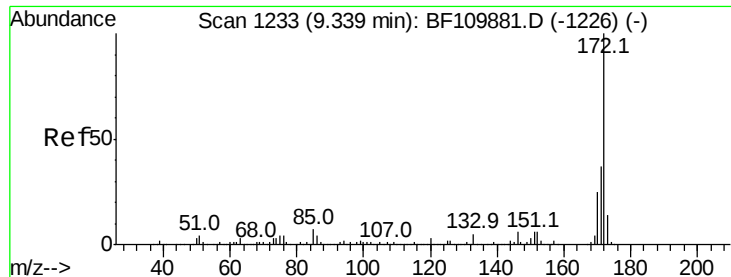
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#44
 2,4,5-Trichlorophenol
 Concen: 29.705 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	309290		
198	99.1	75.8	113.6	
97	47.4	42.4	63.6	
132	28.0	22.8	34.2	





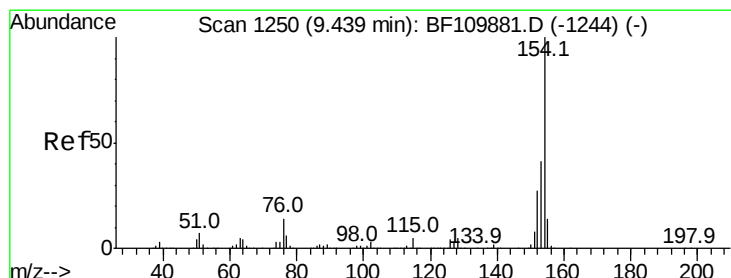
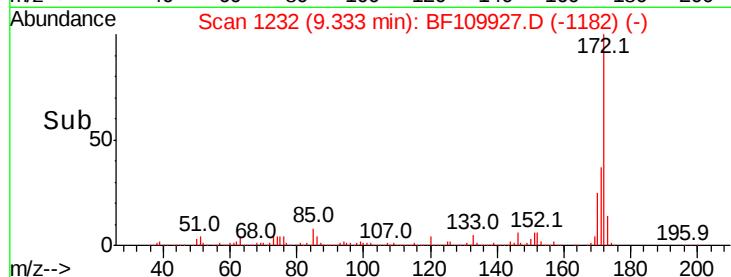
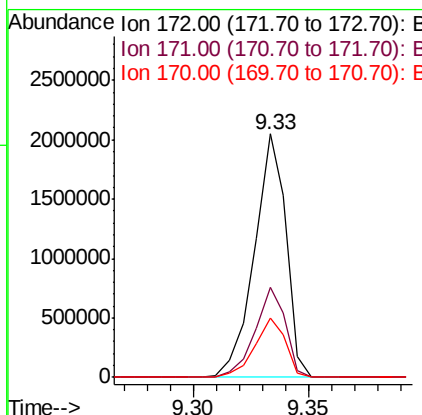
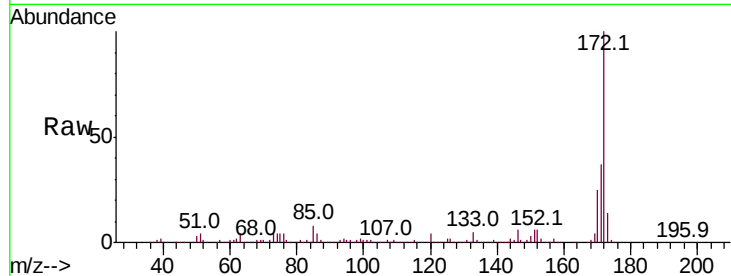
#45
2-Fluorobiphenyl
Concen: 59.845 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.6	19.7	29.5

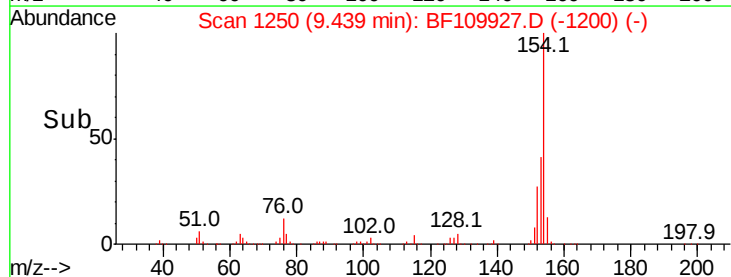
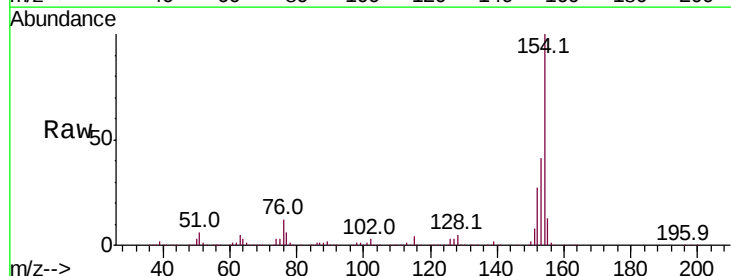
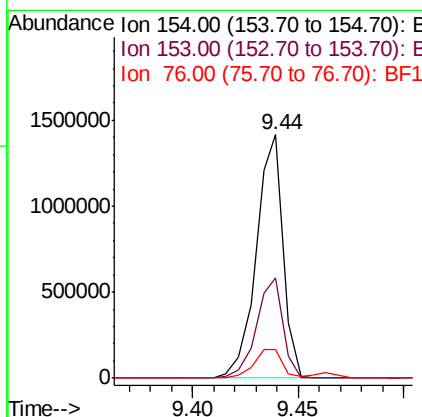
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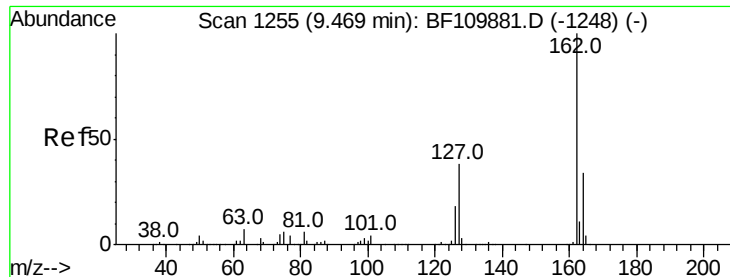
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#46
1,1'-Biphenyl
Concen: 26.850 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	11.6	0.0	31.9





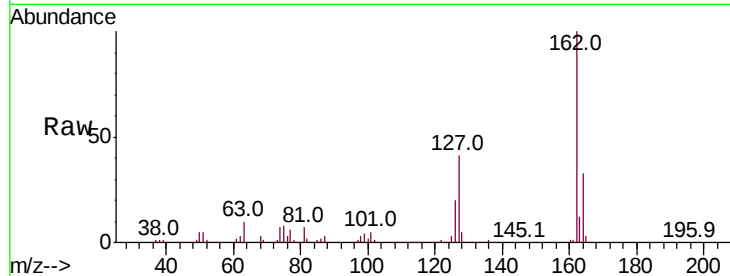
#47
2-Chloronaphthalene
Concen: 27.375 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

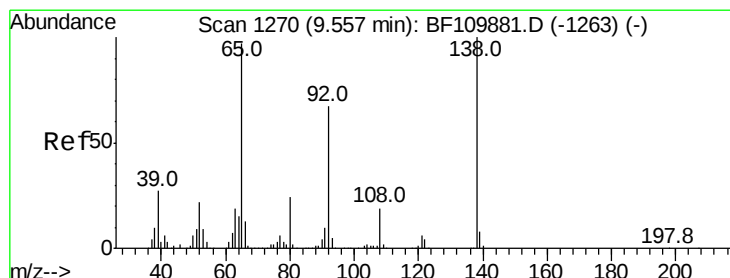
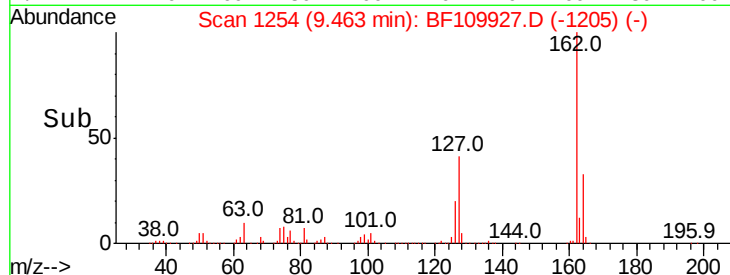
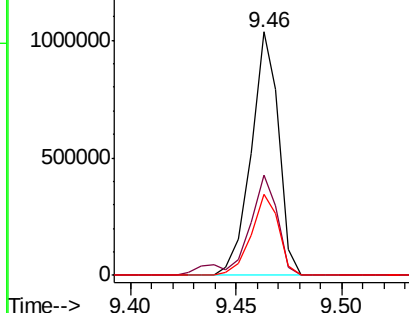
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.3	32.6	48.8
164	33.1	25.9	38.9

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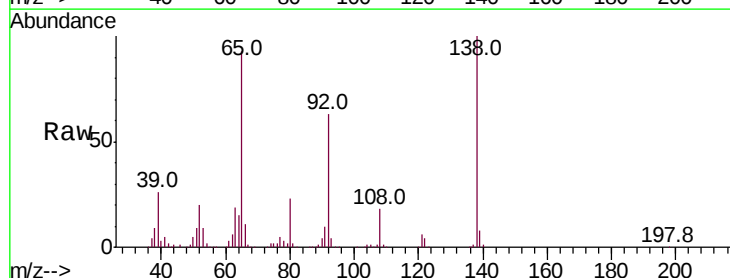


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

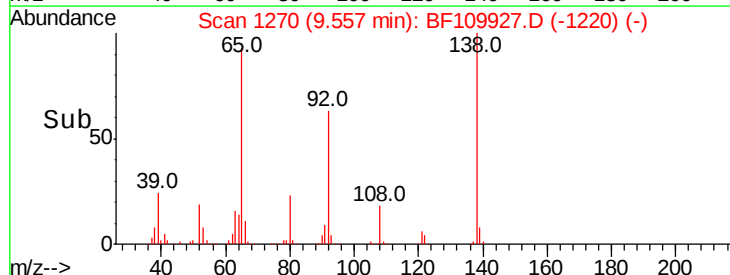
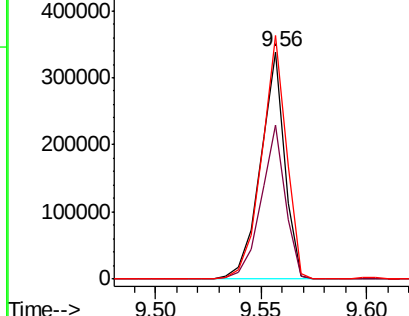


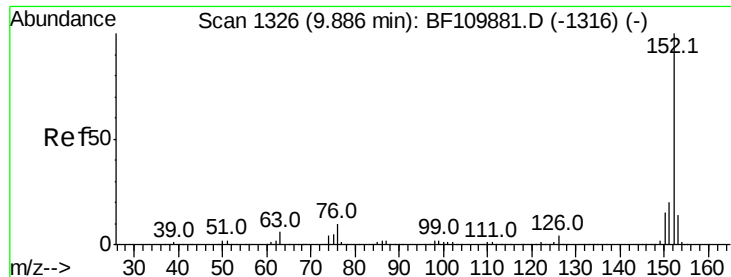
#48
2-Nitroaniline
Concen: 30.844 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.0	54.6	81.8
138	107.2	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 29.788 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

PB113915BSD

Tot Ion:152 Resp: 1479302

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

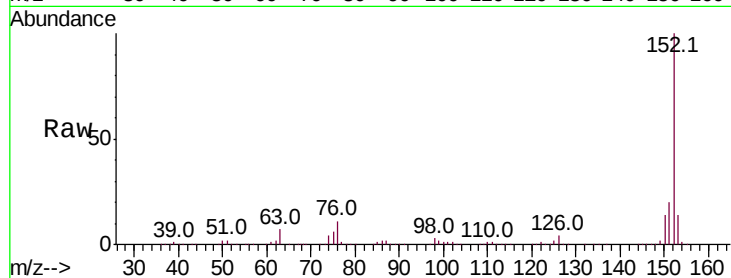
153 14.2 10.4 15.6

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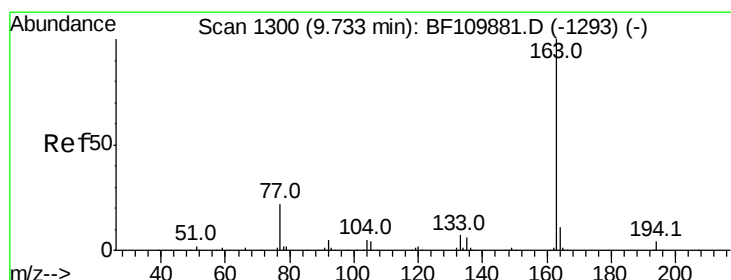
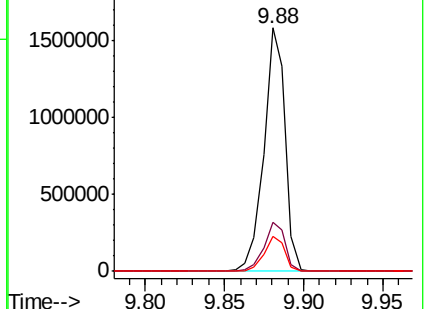
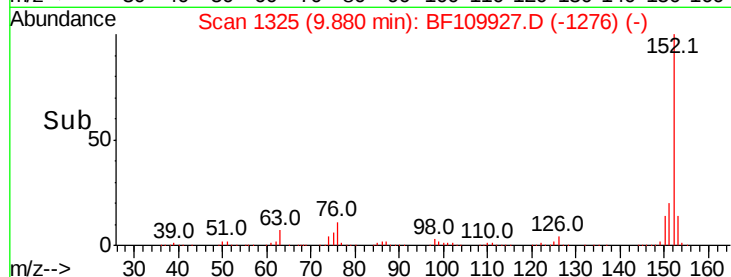
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 29.005 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

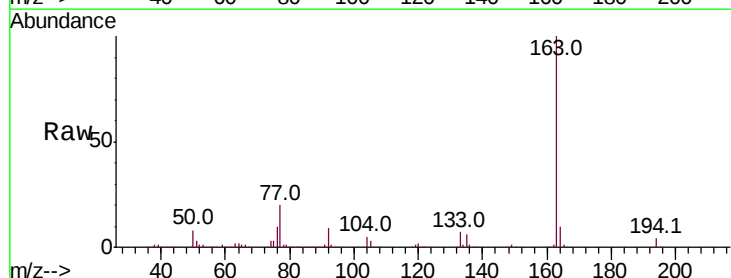
Tgt Ion:163 Resp: 1069819

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

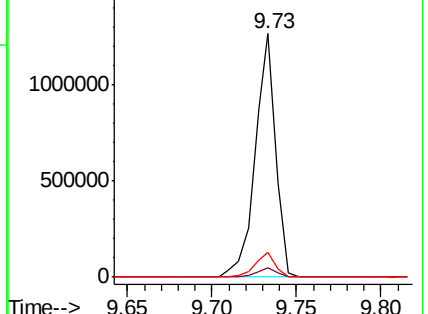
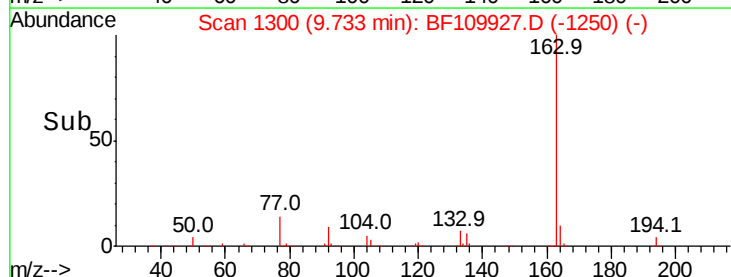
164 10.1 8.1 12.1

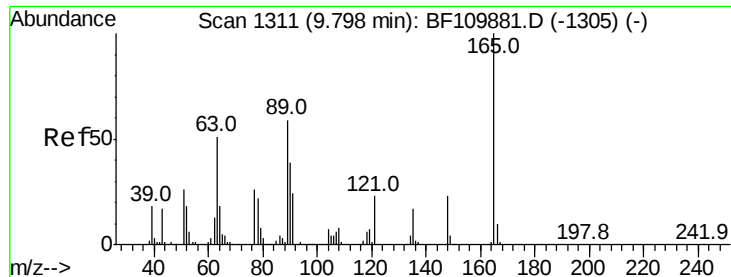


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





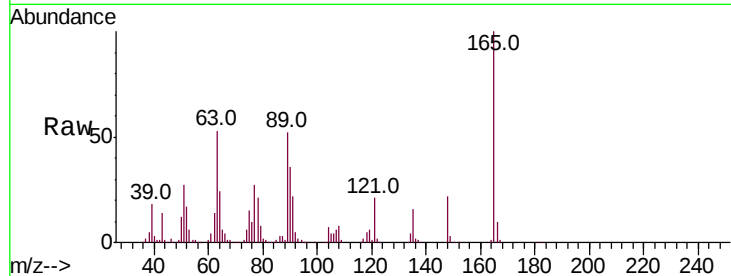
#51
2,6-Dinitrotoluene
Concen: 32.458 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	227379		
63	52.9	48.9	73.3	
89	52.1	46.6	69.8	

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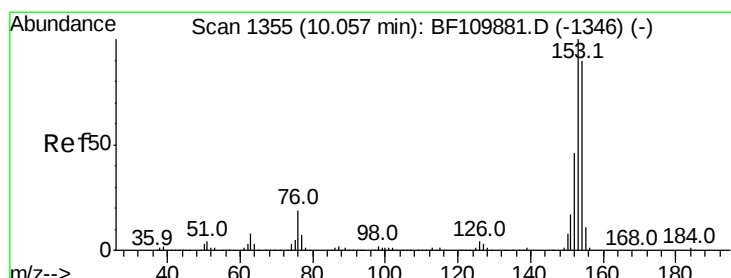
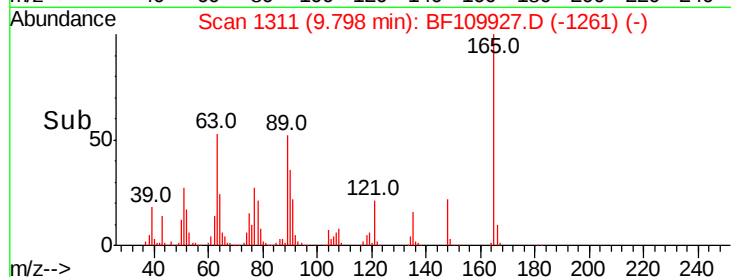
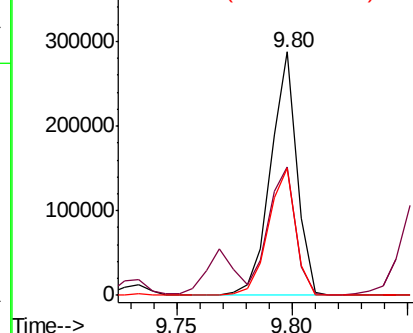


Abundance

Ion 165.00 (164.70 to 165.70): E

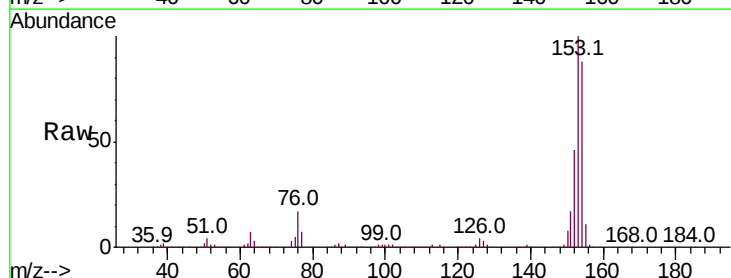
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 28.799 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	910535		
153	113.7	90.1	135.1	
152	51.8	43.4	65.2	

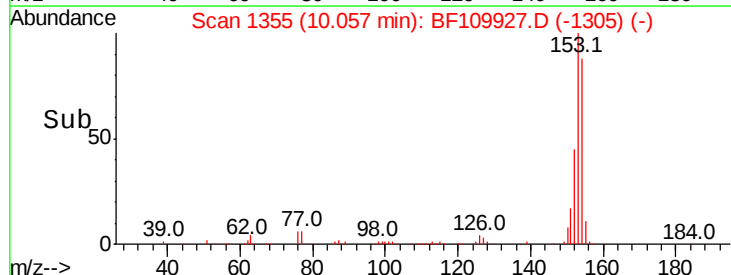
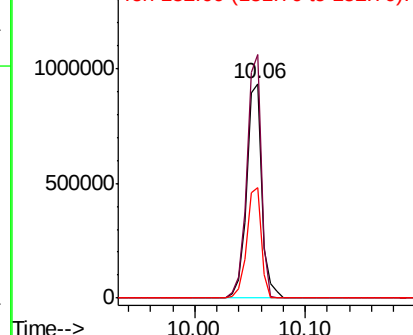


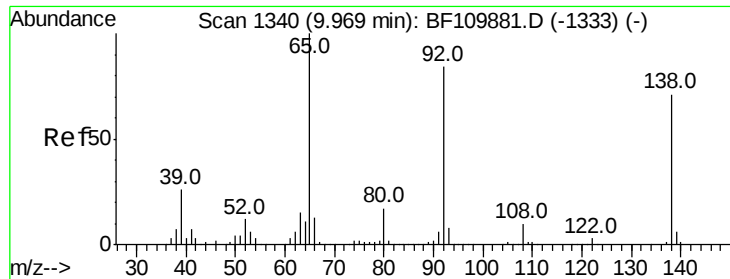
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





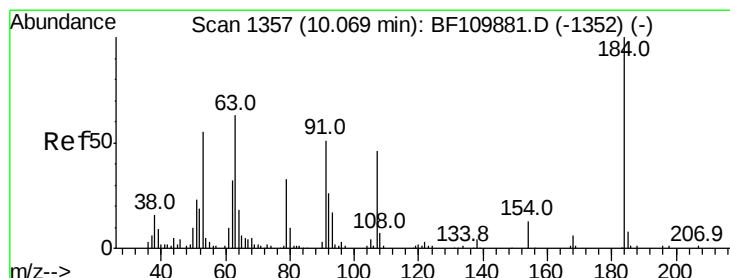
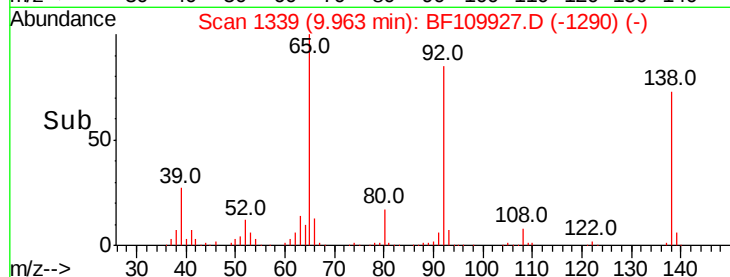
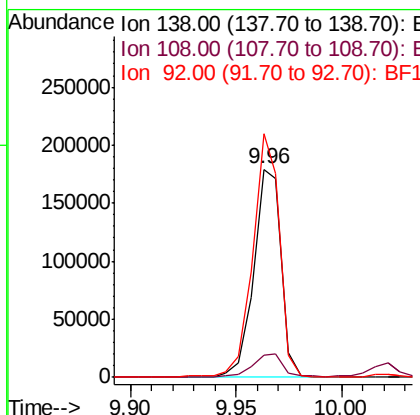
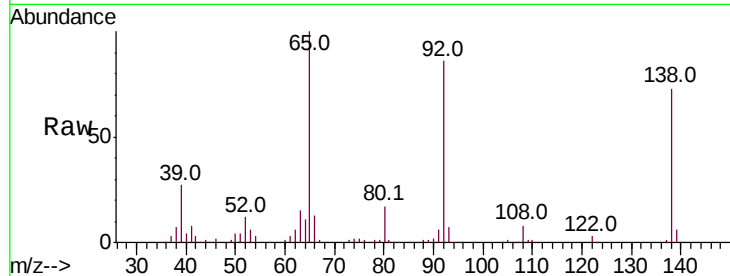
#53
3-Nitroaniline
Concen: 19.043 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.7	13.1
92	117.0	97.0	145.4

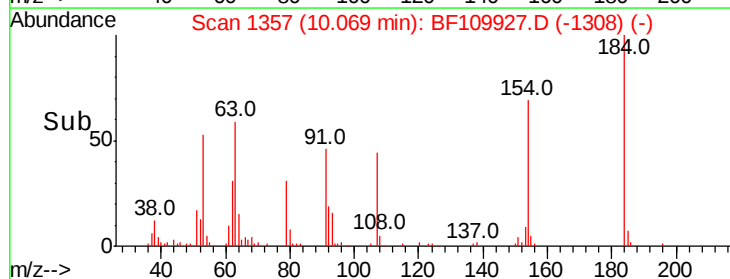
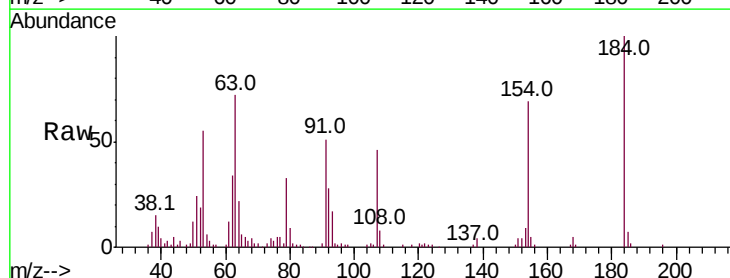
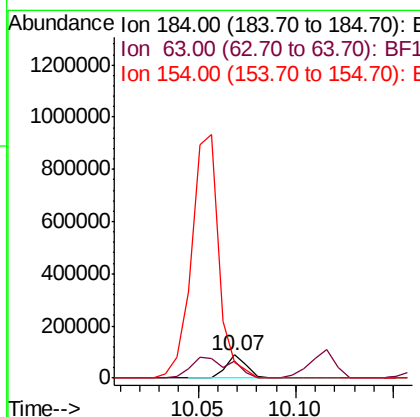
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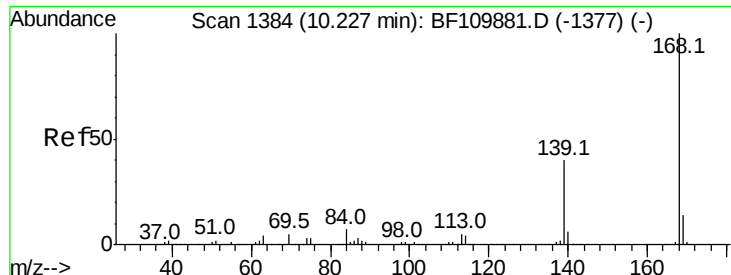
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#54
2,4-Dinitrophenol
Concen: 34.916 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.4	55.8	83.6
154	69.3	63.2	94.8





#55

Dibenzenofuran

Concen: 28.554 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

PB113915BSD

Tot Ion:168 Resp: 1287491

Ion Ratio Lower Upper

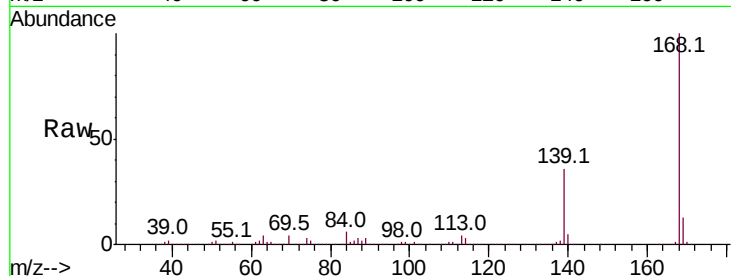
168 100

139 36.5 33.0 49.6

169 13.4 11.3 16.9

Manual Integrations
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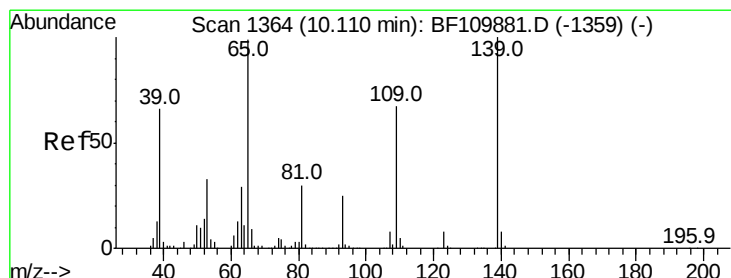
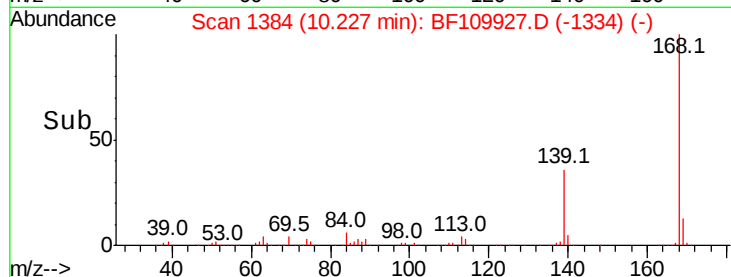
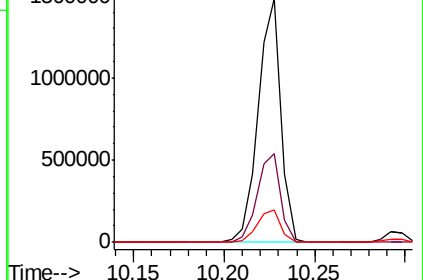
Sohil
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Abundance Ion 168.00 (167.70 to 168.70): E

2000000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 55.511 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

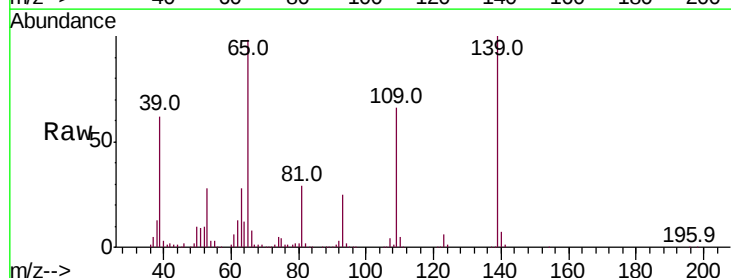
Tgt Ion:139 Resp: 360943

Ion Ratio Lower Upper

139 100

109 66.3 55.8 95.8

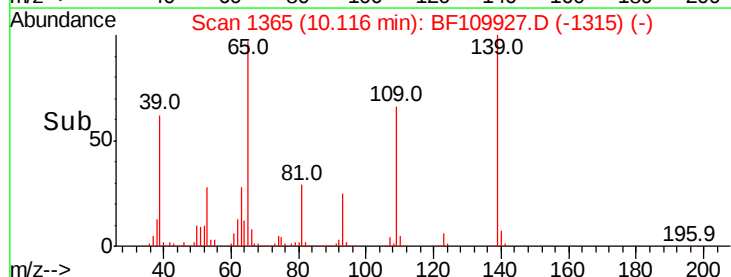
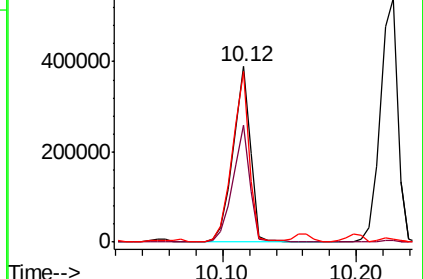
65 97.6 77.9 117.9

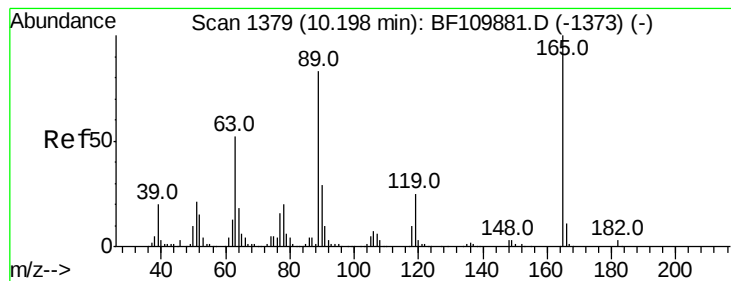


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





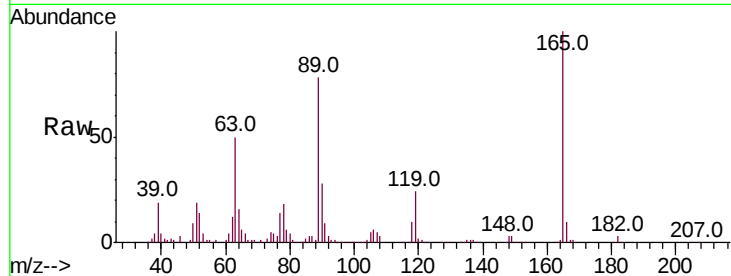
#57
 2,4-Dinitrotoluene
 Concen: 33.810 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	285941		
63	49.8		44.8	67.2
89	77.7		62.2	93.4
182	2.7		2.1	3.1

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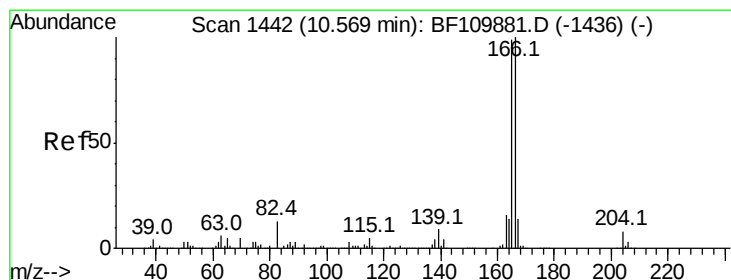
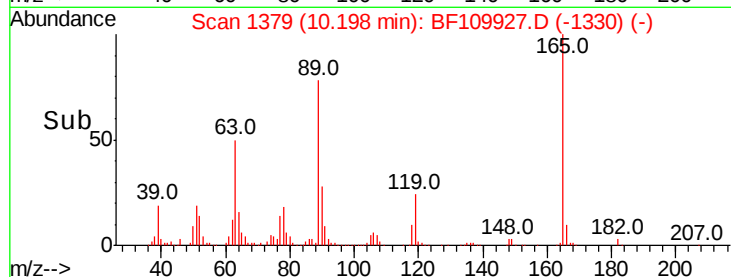
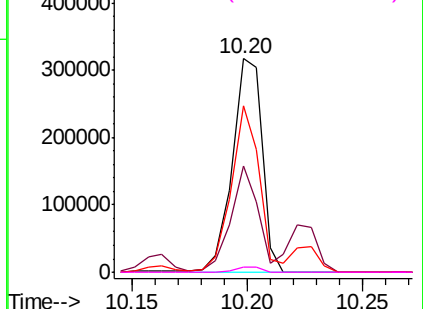
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

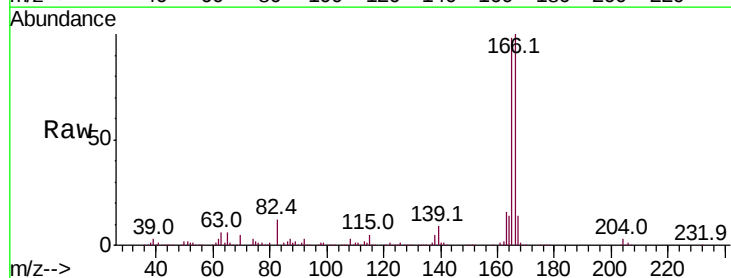
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 30.239 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	992550		
165	98.3		78.6	117.8
167	13.8		10.8	16.2

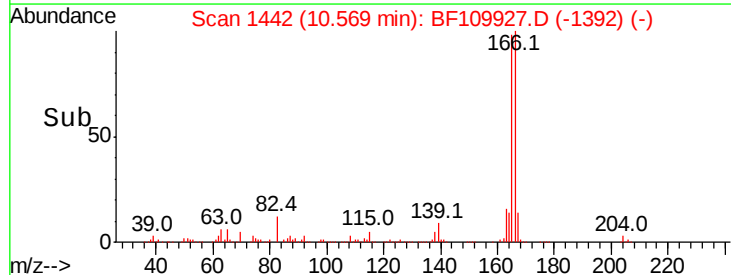
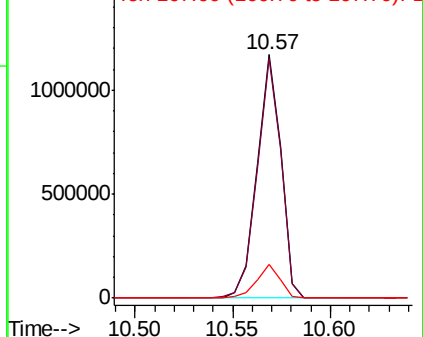


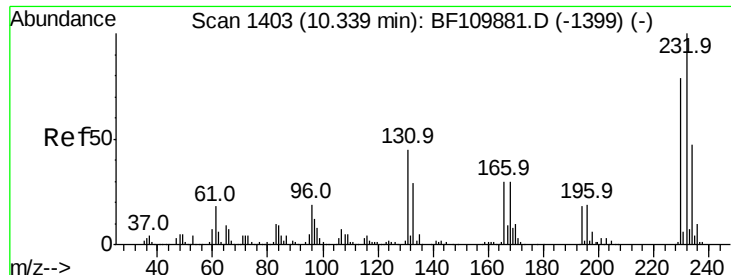
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





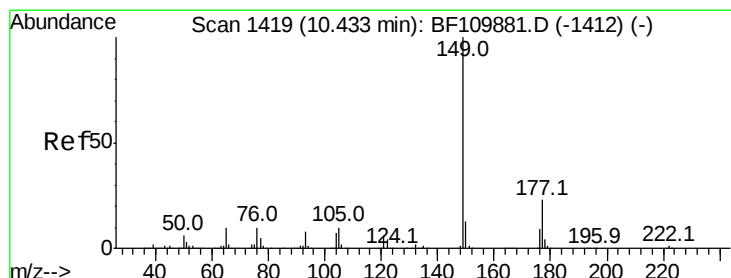
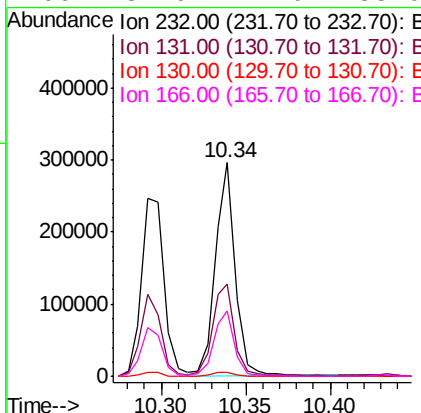
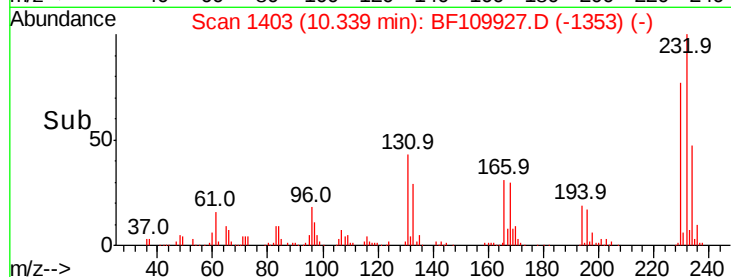
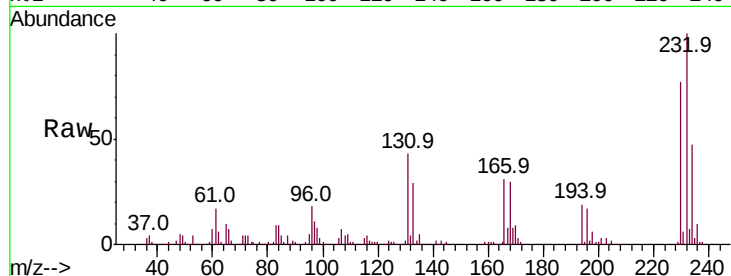
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 29.638 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BSD

Tot Ion:	232	Resp:	244566
Ion Ratio	Lower	Upper	
232	100		
131	47.1	37.0	55.4
130	2.2	1.8	2.6
166	31.9	22.0	33.0

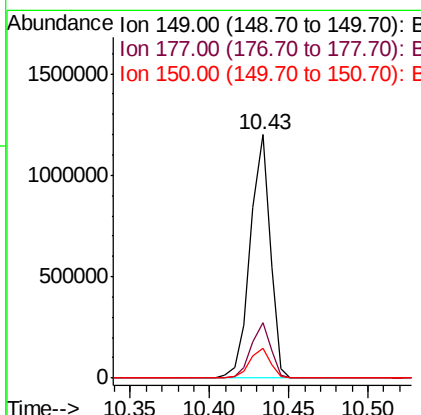
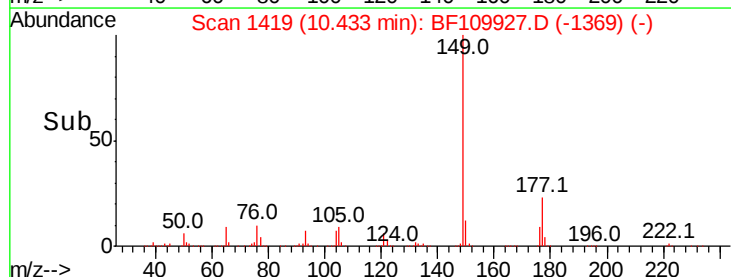
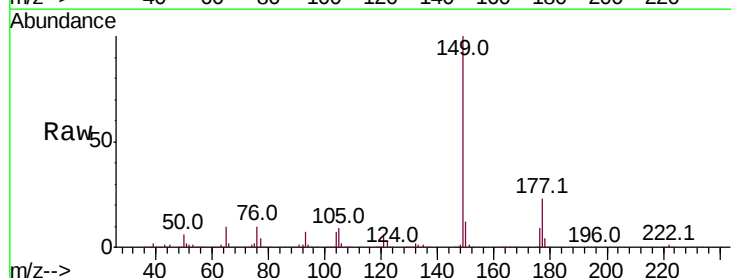
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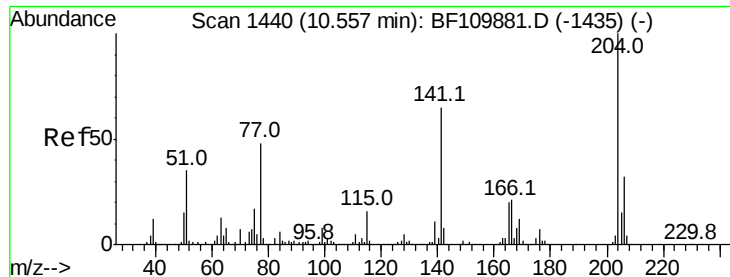
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#60
 Diethylphthalate
 Concen: 28.829 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion:	149	Resp:	1050208
Ion Ratio	Lower	Upper	
149	100		
177	22.6	17.4	26.2
150	12.5	9.8	14.8





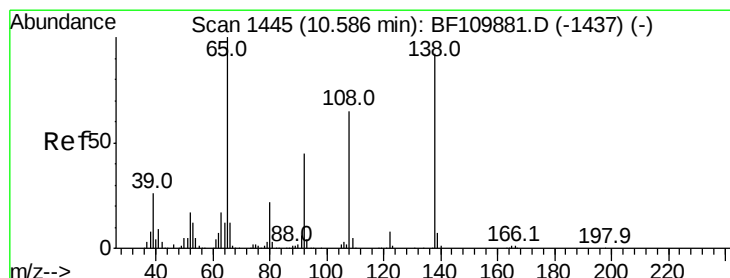
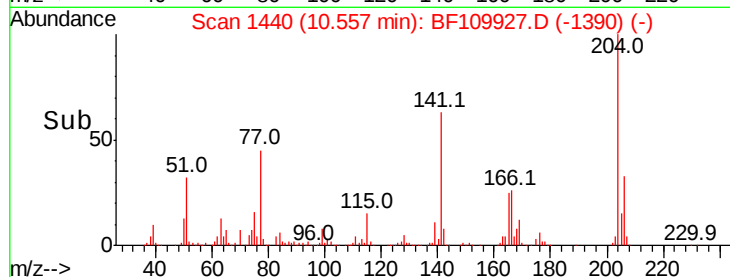
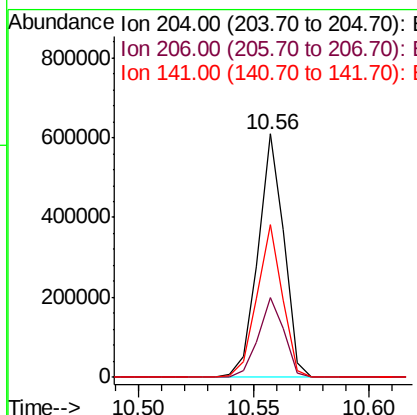
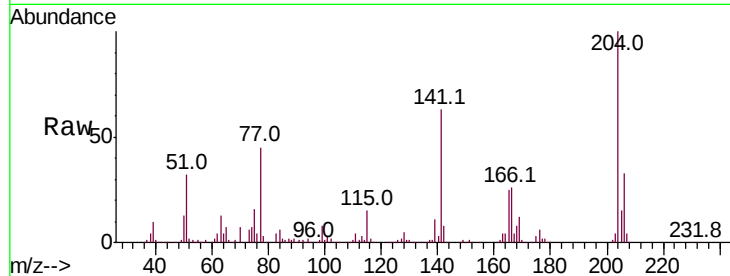
#61
 4-Chlorophenyl-phenylether
 Concen: 27.897 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BSD

Tot Ion:	204	Resp:	476973
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.5	39.7
141	62.7	51.8	77.8

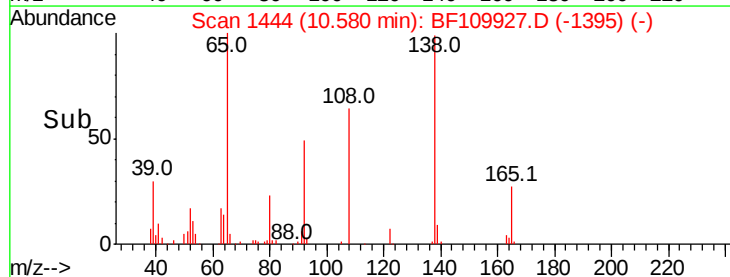
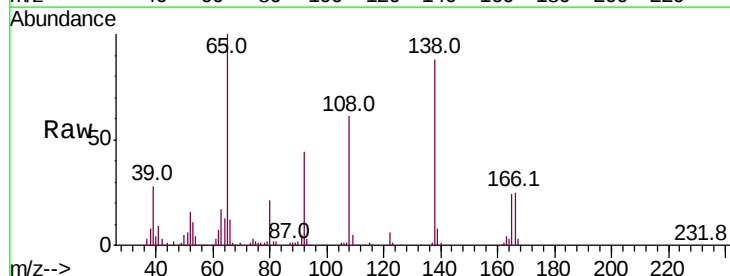
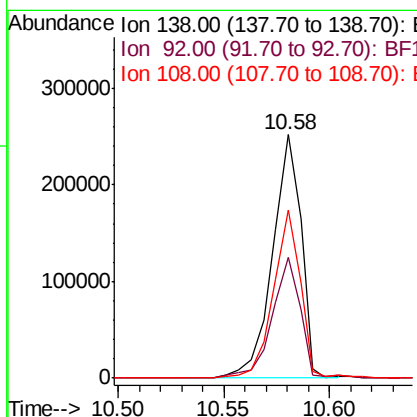
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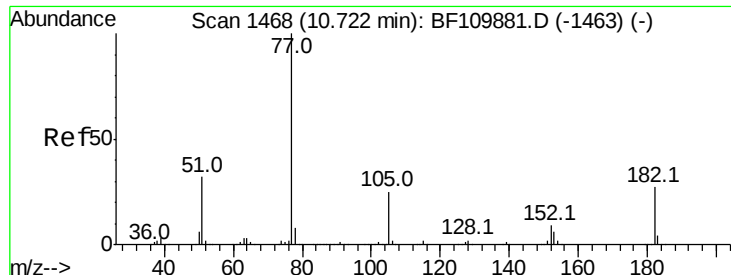
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#62
 4-Nitroaniline
 Concen: 29.436 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion:	138	Resp:	237448
Ion Ratio	Lower	Upper	
138	100		
92	49.5	31.7	71.7
108	68.9	59.3	99.3





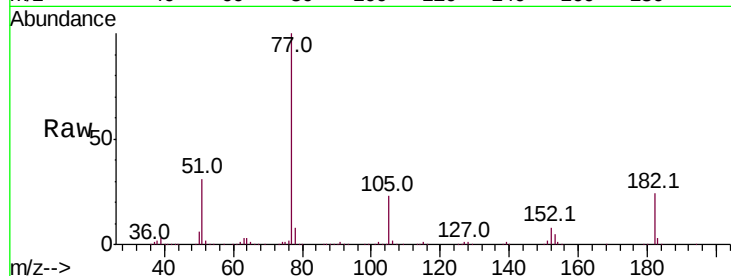
#63
Azobenzene
Concen: 27.581 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.3	44.3
105	22.7	1.3	41.3
51	31.0	9.0	49.0

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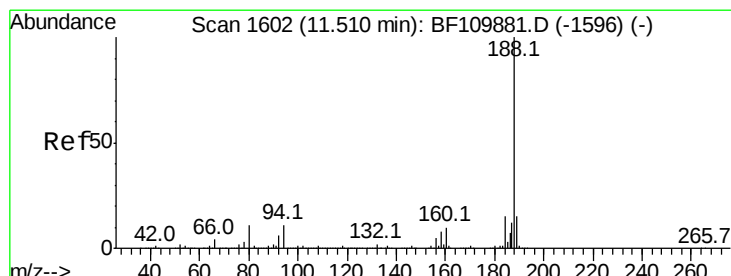
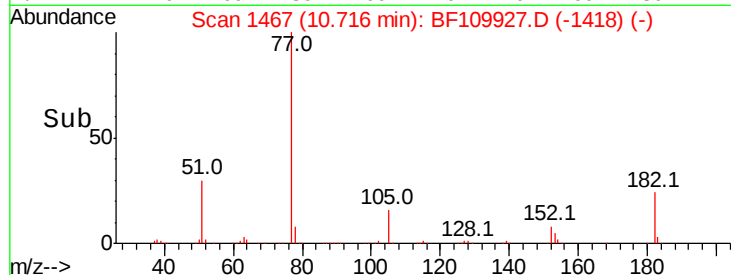
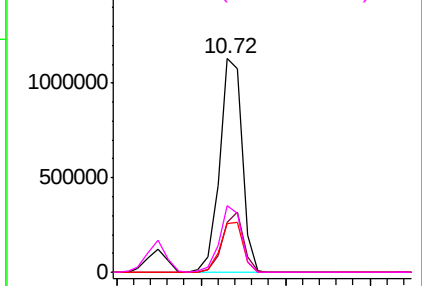
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

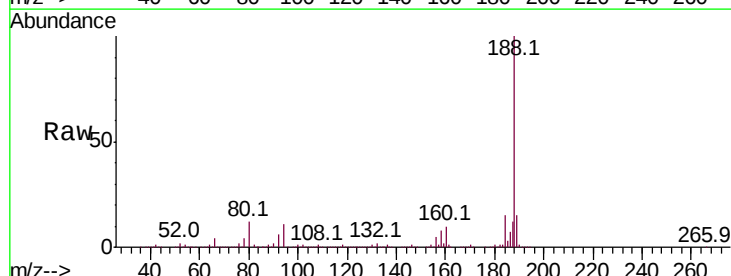
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.2	10.8#
80	11.6	7.9	11.9

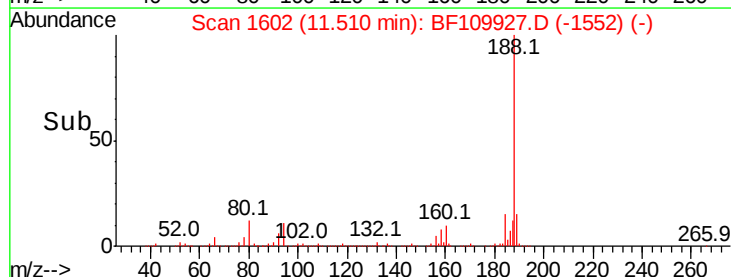
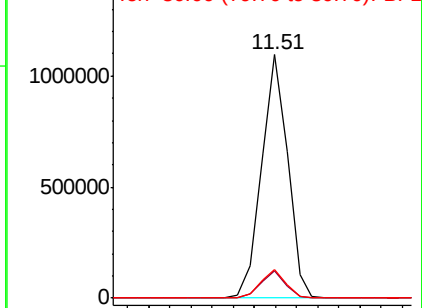


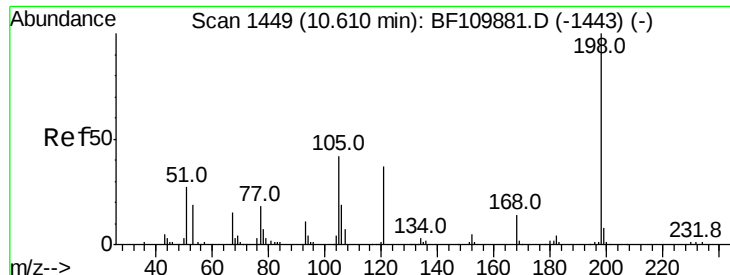
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





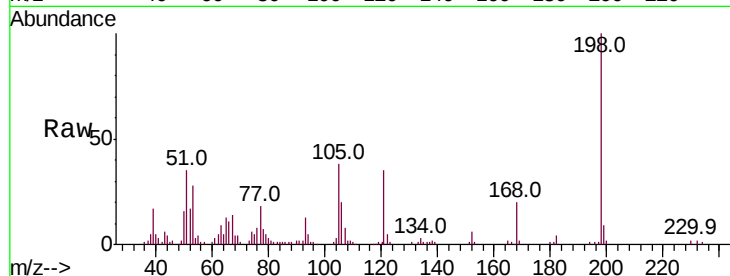
#65
4,6-Dinitro-2-methylphenol
Concen: 24.334 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

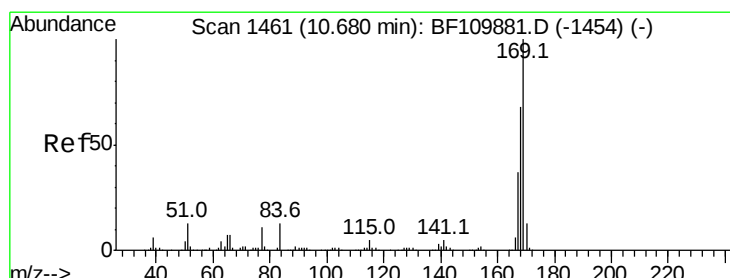
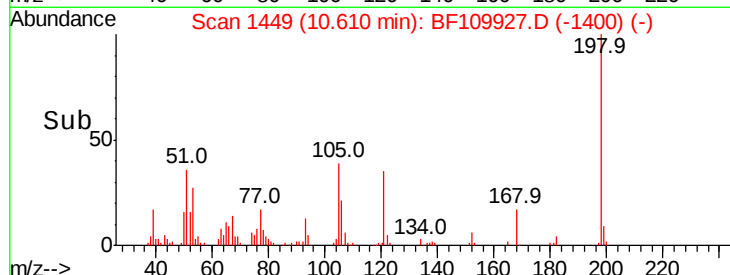
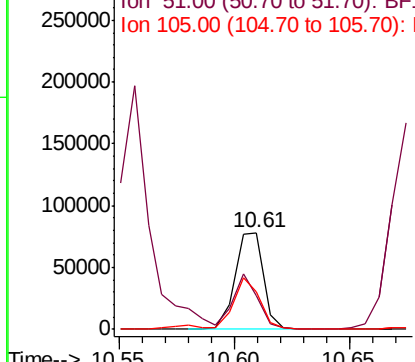
Tot Ion	Ratio	Resp	Lower	Upper
198	100	67693		
51	35.5	22.8	62.8	
105	38.3	23.6	63.6	

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10/18/2018 2:04:23 PM

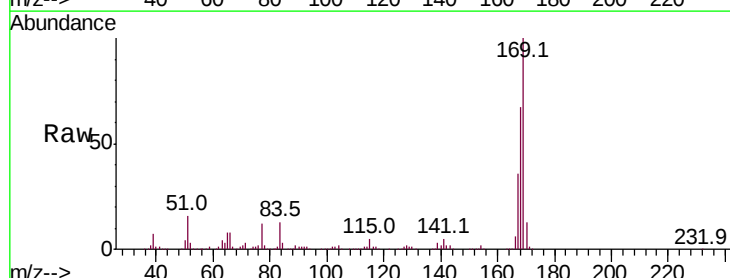


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

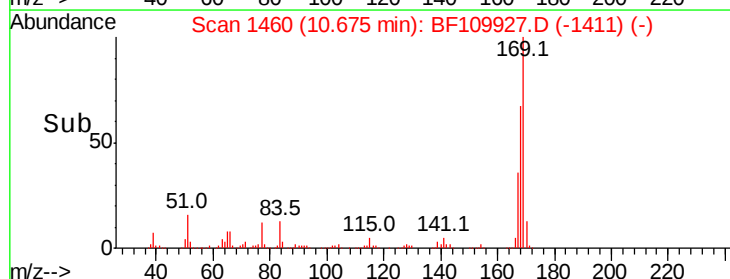
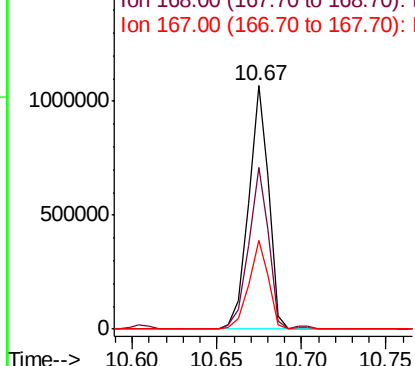


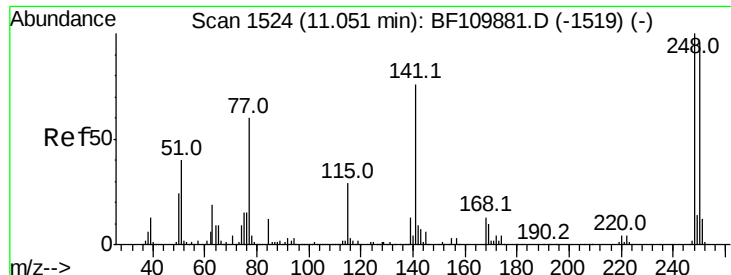
#66
n-Nitrosodiphenylamine
Concen: 28.064 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	888004		
168	66.6	51.2	76.8	
167	36.3	27.8	41.6	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





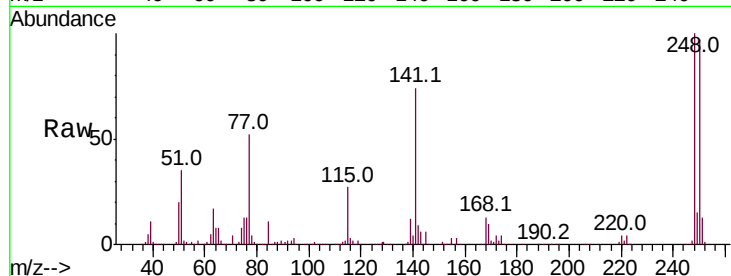
#67
4-Bromophenyl-phenylether
Concen: 28.594 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.4	119.2
141	73.9	55.9	83.9

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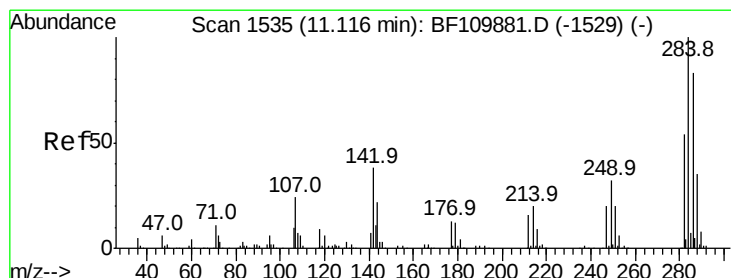
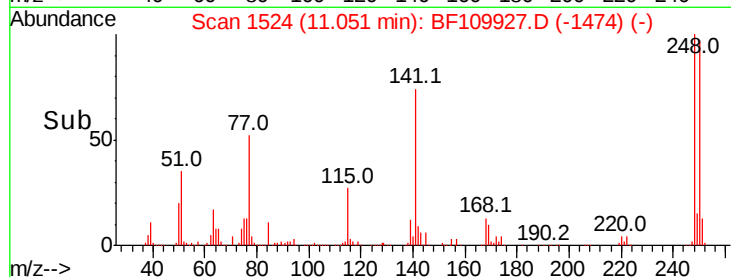
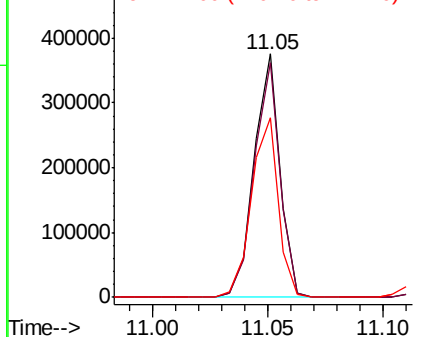


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 28.294 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

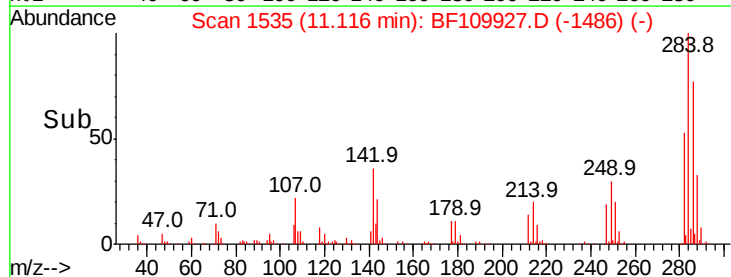
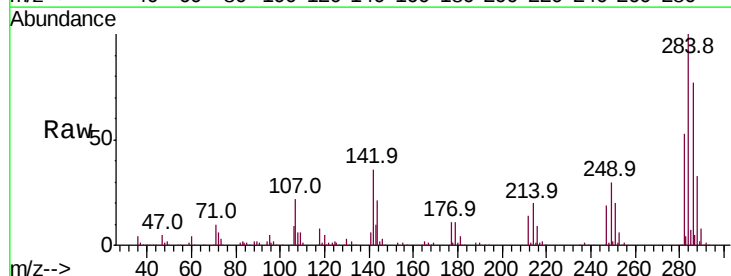
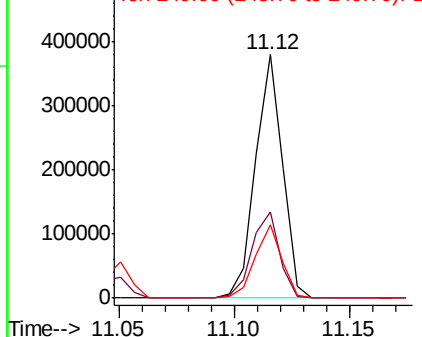
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	23.9	35.9
249	30.2	24.2	36.2

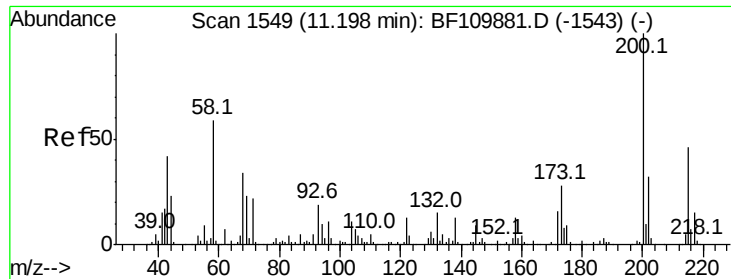
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





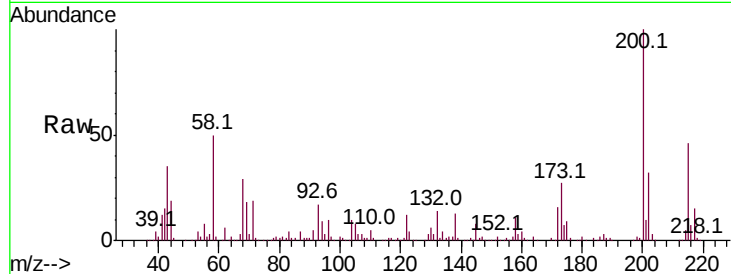
#69
Atrazine
Concen: 29.564 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.6	46.6
215	46.4	26.3	66.3

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10/18/2018 2:04:23 PM

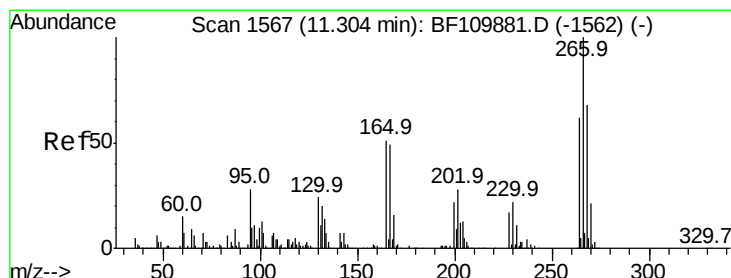
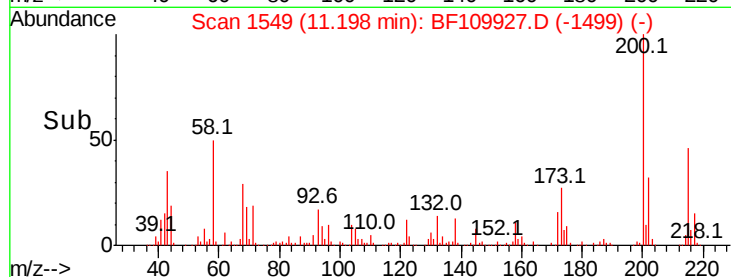
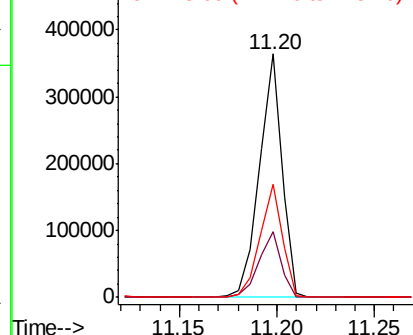


Abundance

Ion 200.00 (199.70 to 200.70): E

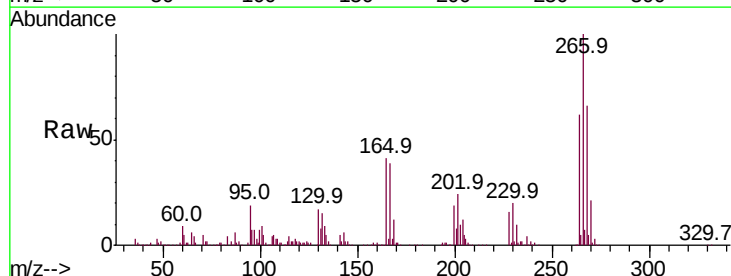
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 38.217 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.3	50.6	75.8
264	61.5	50.6	75.8

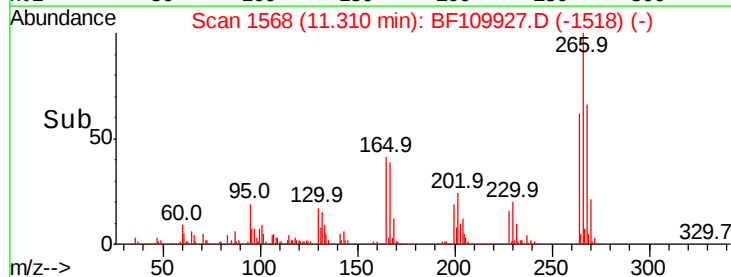
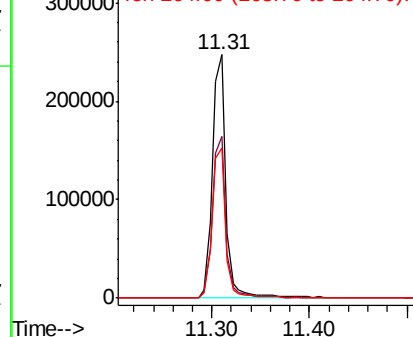


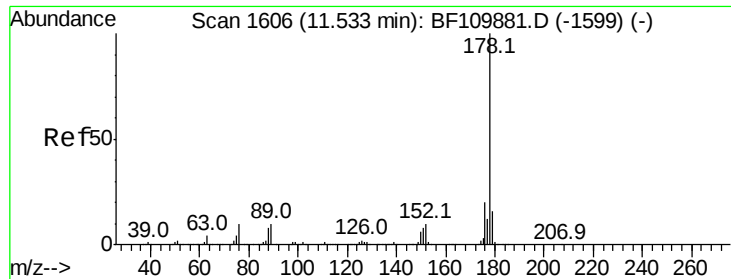
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





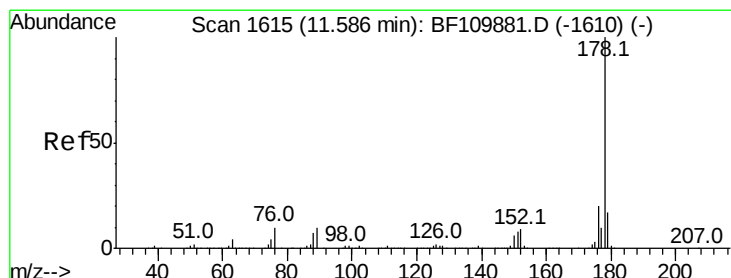
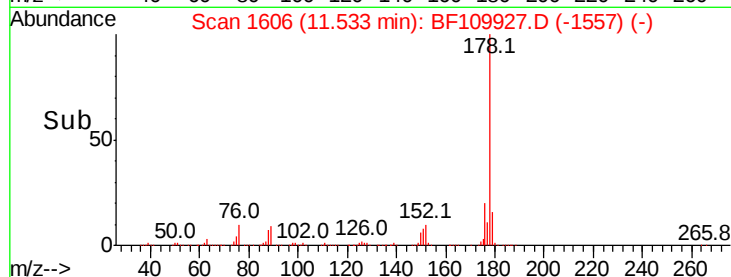
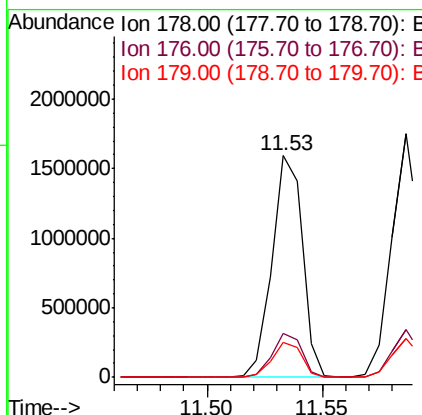
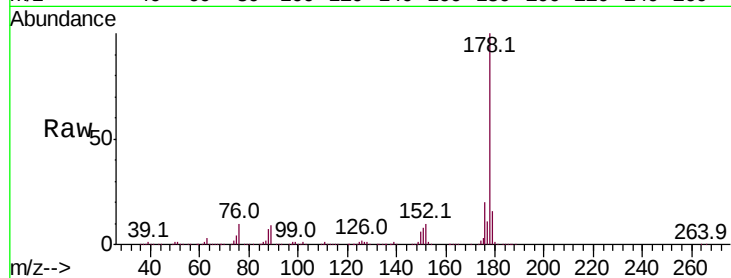
#71
Phenanthrene
Concen: 29.535 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.8	12.5	18.7

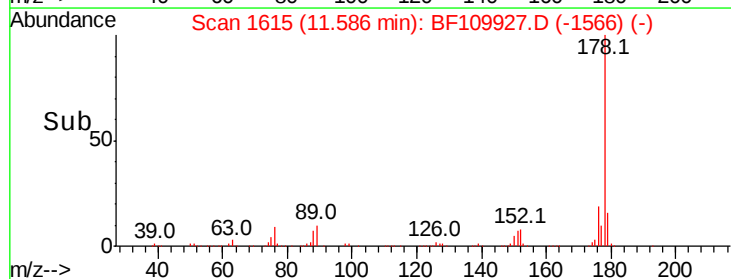
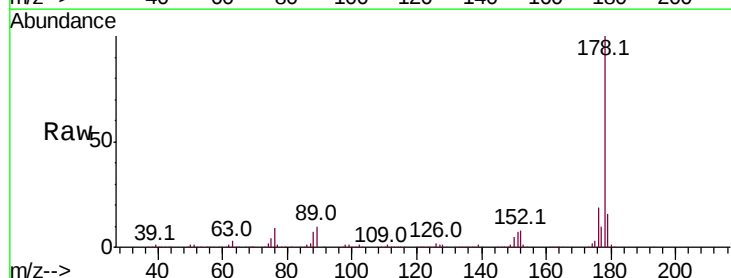
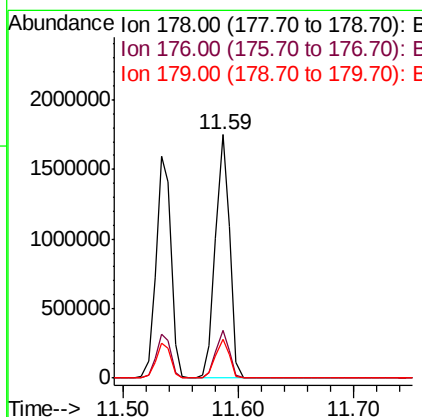
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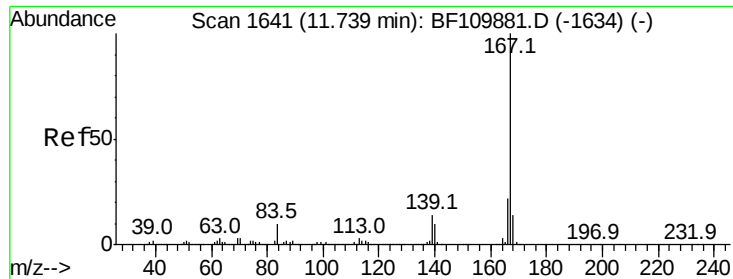
Sohil
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#72
Anthracene
Concen: 30.199 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.2	12.6	18.8





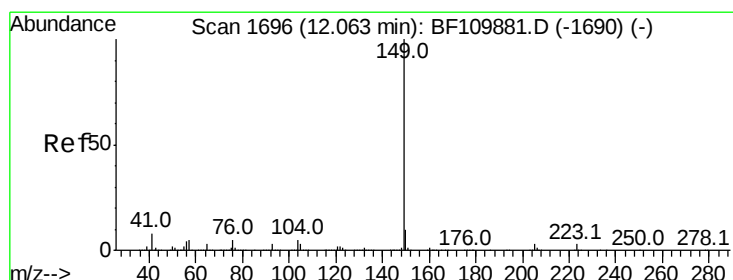
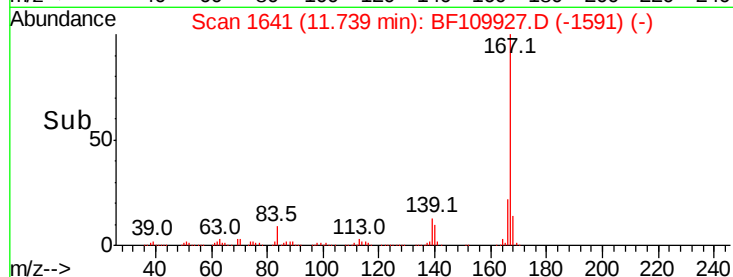
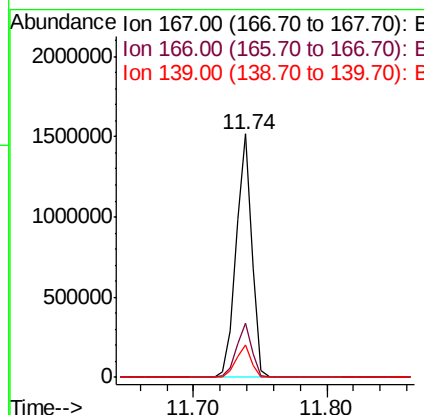
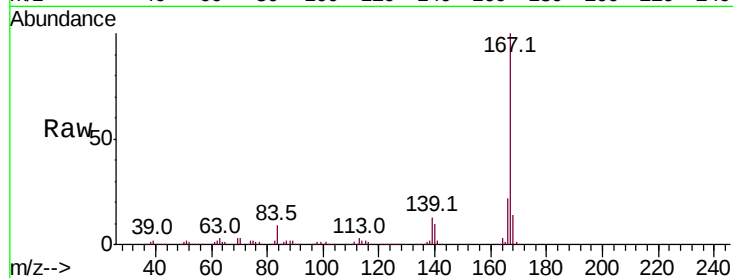
#73
 Carbazole
 Concen: 25.881 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.3	10.9	16.3

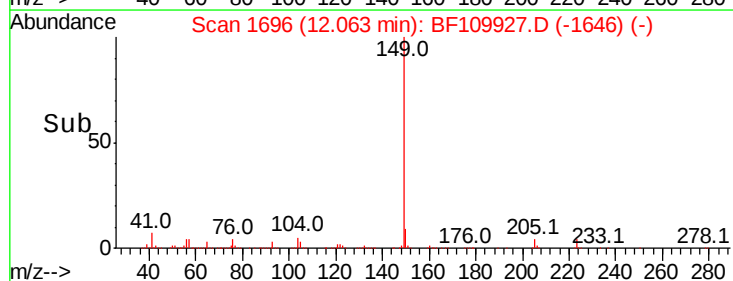
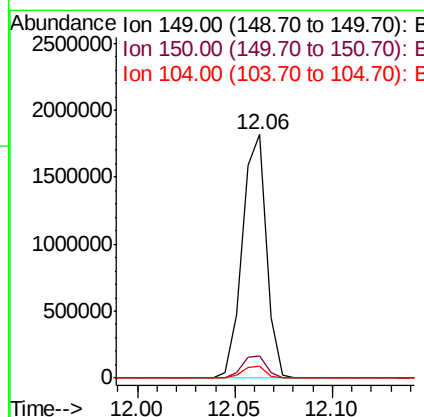
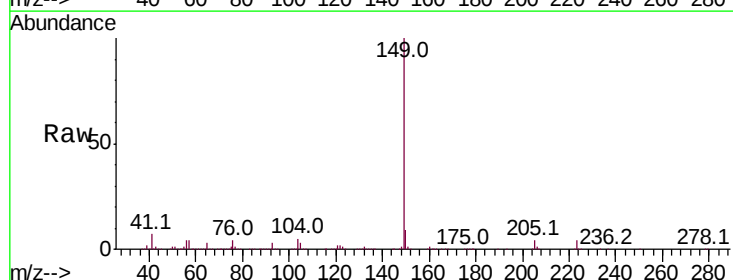
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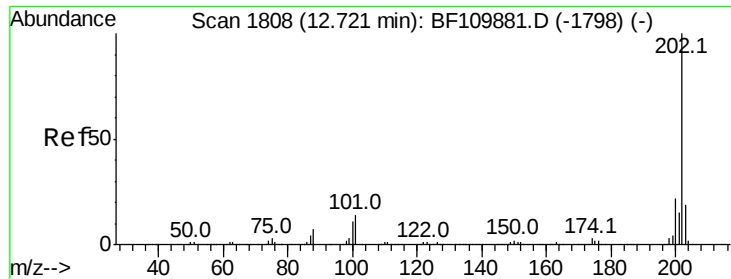
Sohil
 10/18/2018 2:04:23 PM



#74
 Di-n-butylphthalate
 Concen: 28.651 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.7	4.2	6.4





#75

Fluoranthene

Concen: 28.251 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

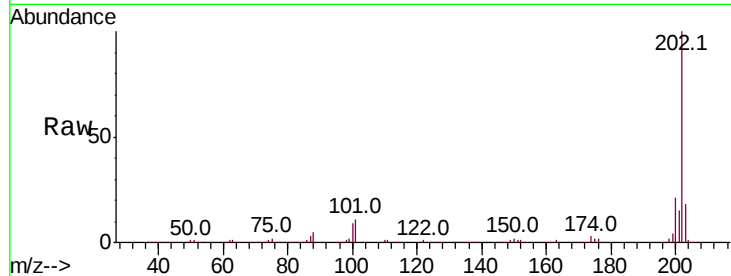
ClientSampleId :

PB113915BSD

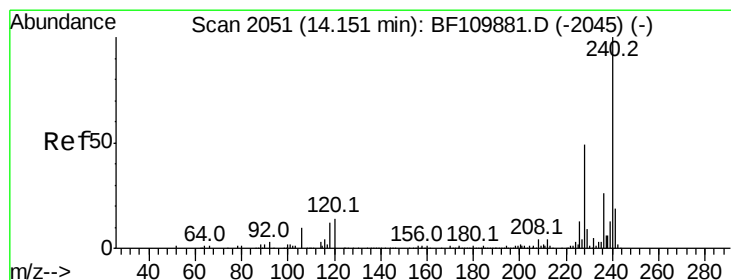
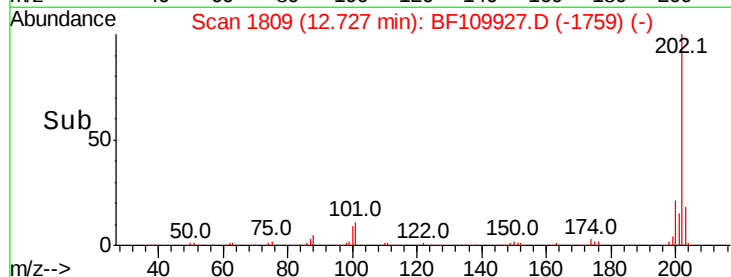
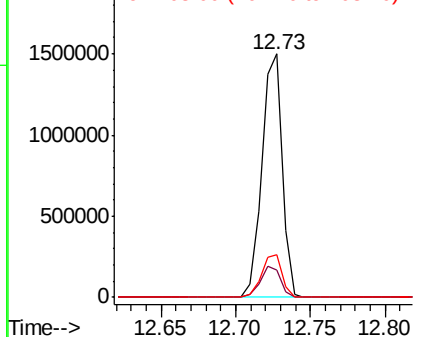
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.6	0.0	37.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

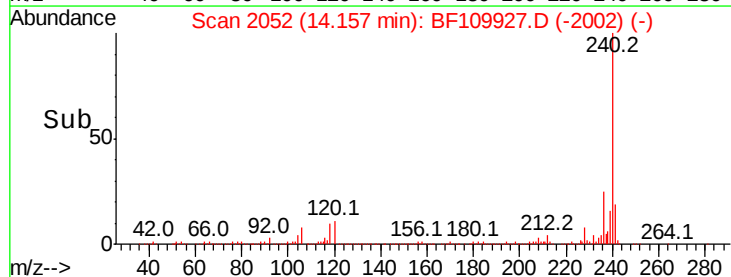
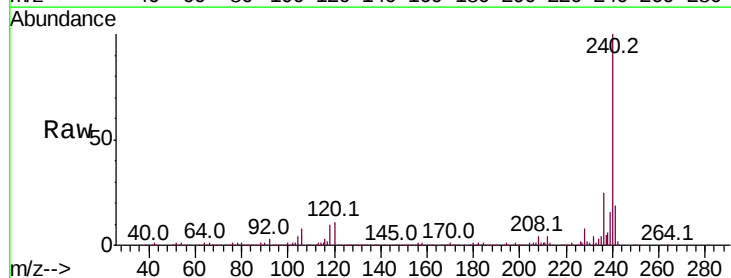
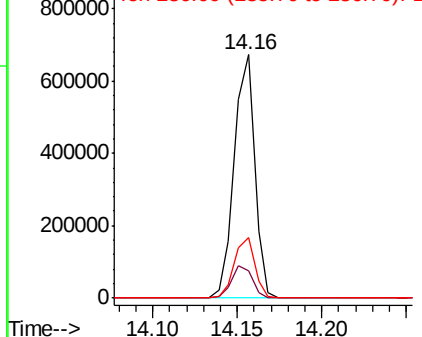
Delta R.T. -0.01 min

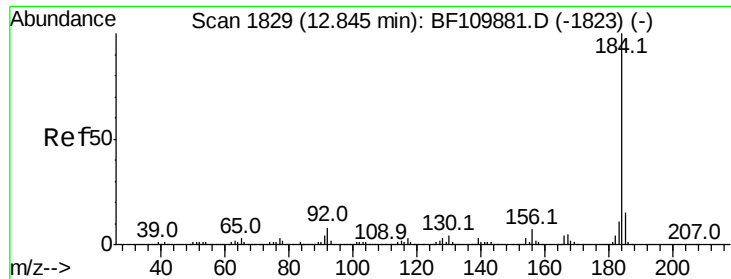
Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	24.8	21.2	31.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





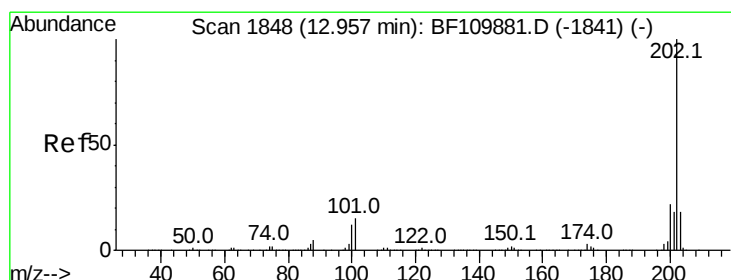
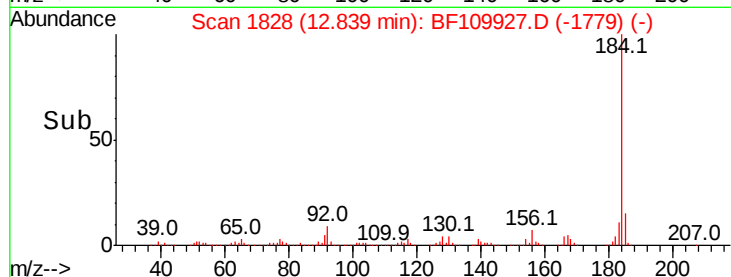
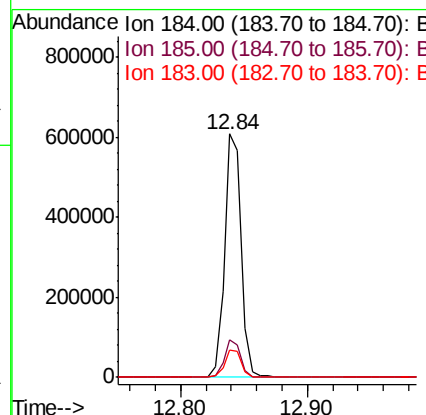
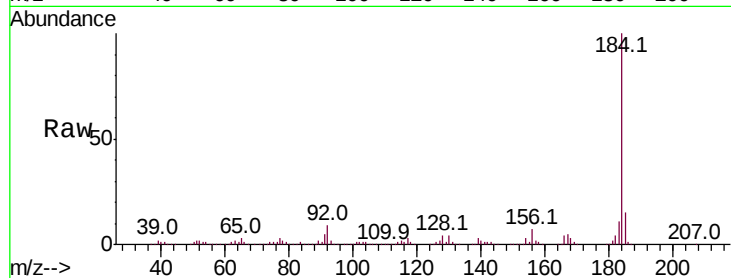
#77
Benzidine
Concen: 25.506 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.2
183	11.4	9.4	14.2

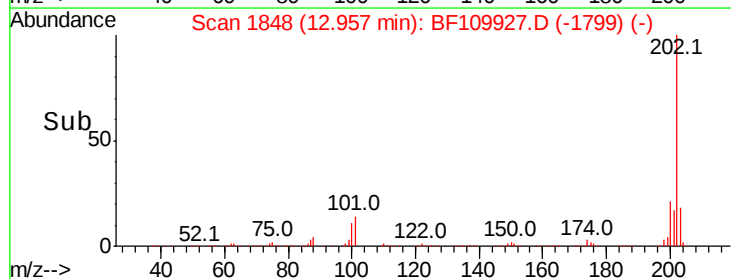
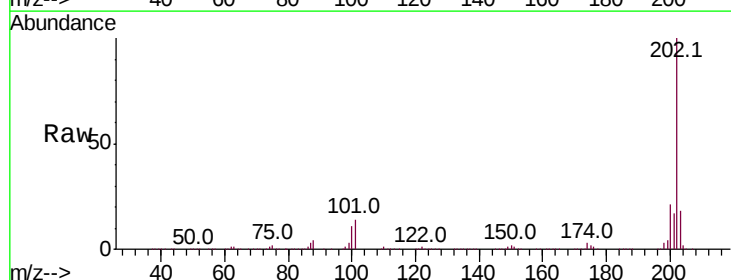
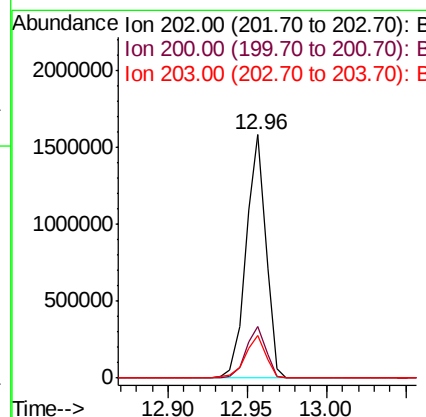
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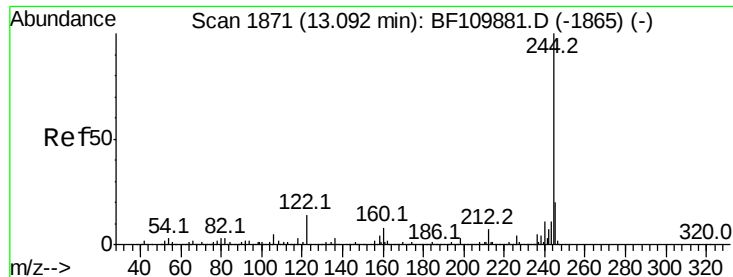
Sohil
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#78
Pyrene
Concen: 32.623 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	17.8	14.2	21.4





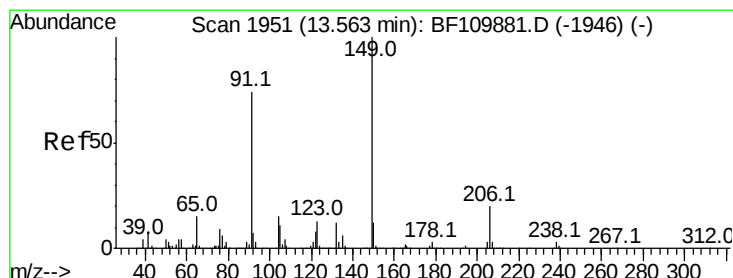
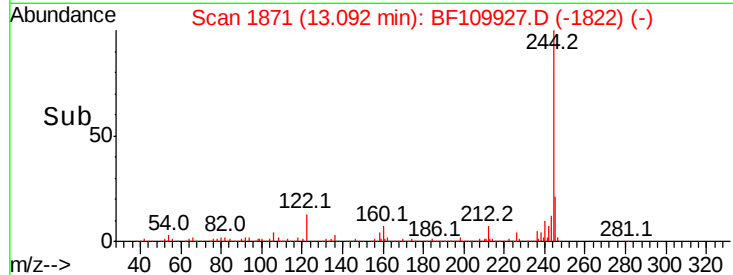
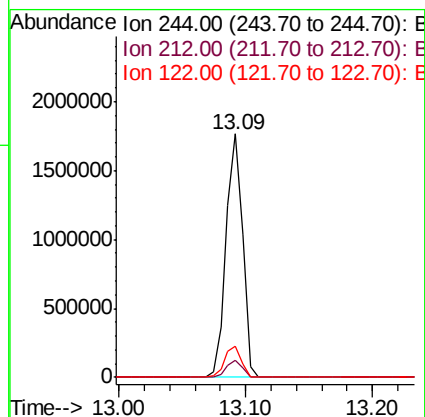
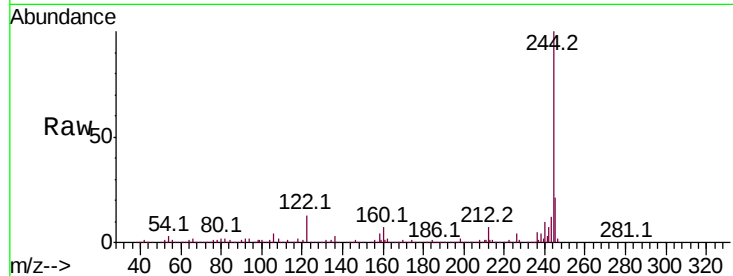
#79
 Terphenyl-d14
 Concen: 59.379 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BSD

Tot Ion:	244	Resp:	1605461
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.9	8.7	13.1

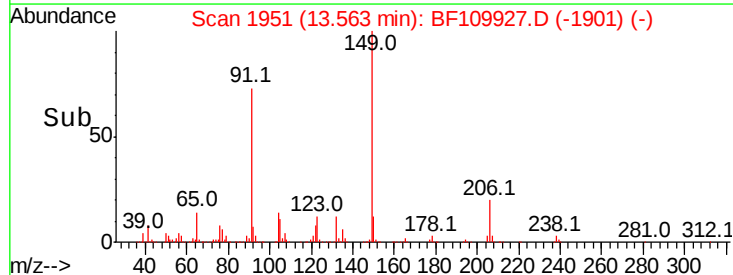
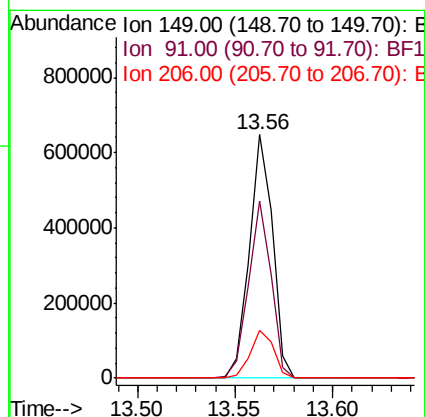
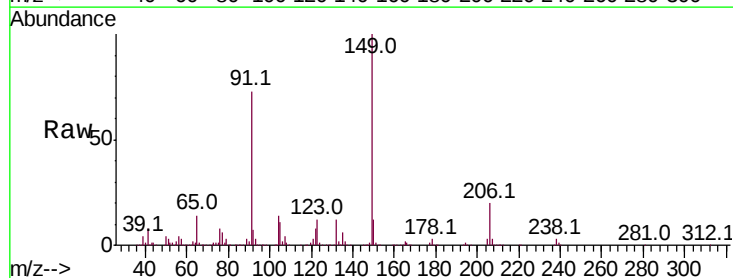
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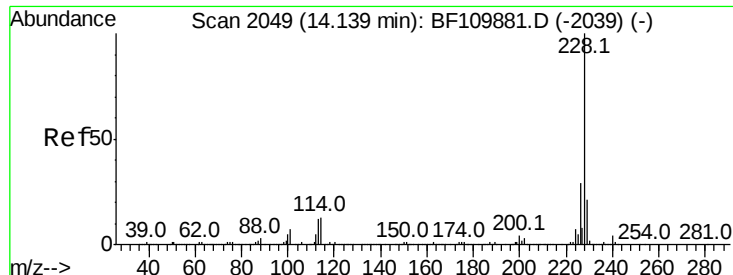
Sohil
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#80
 Butylbenzylphthalate
 Concen: 31.732 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion:	149	Resp:	534973
Ion	Ratio	Lower	Upper
149	100		
91	72.6	57.2	85.8
206	19.8	15.7	23.5





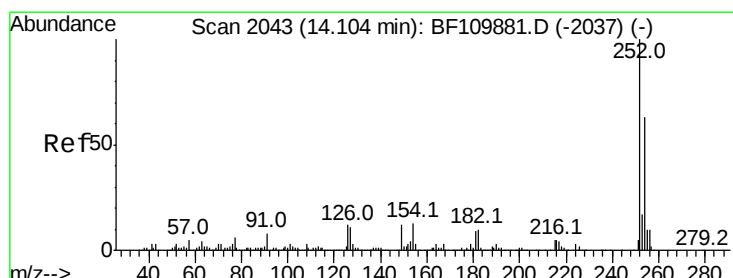
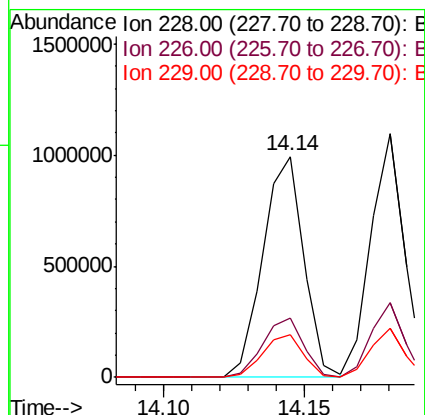
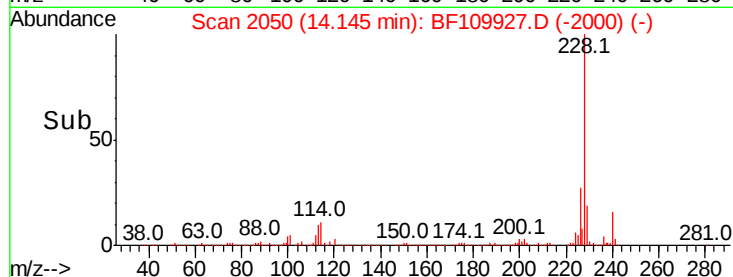
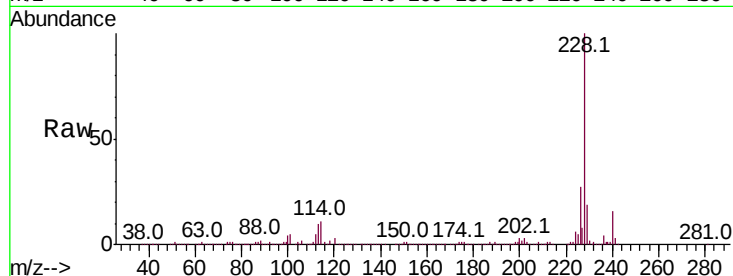
#81
Benzo(a)anthracene
Concen: 29.802 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampled :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.5	15.6	23.4

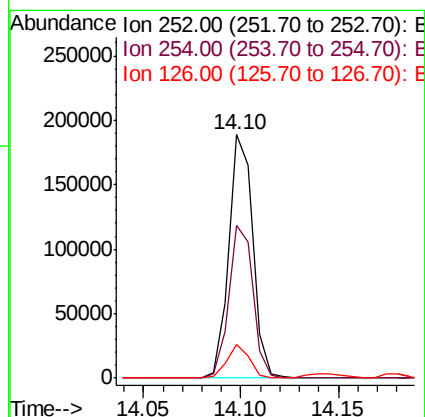
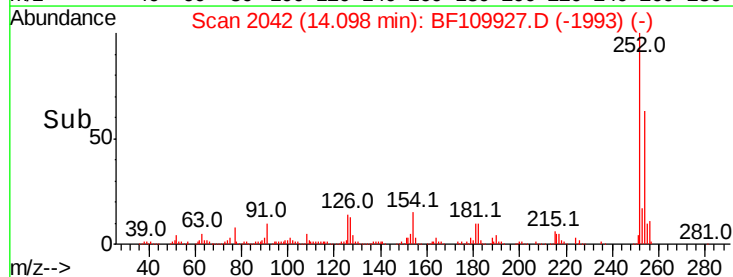
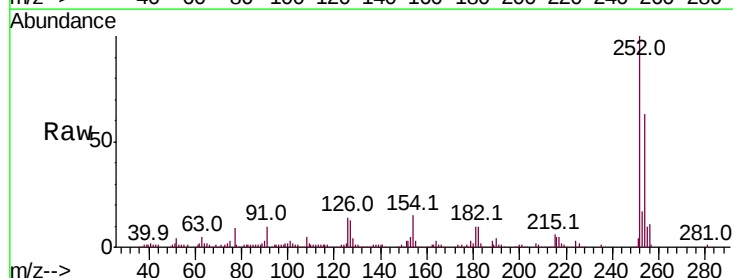
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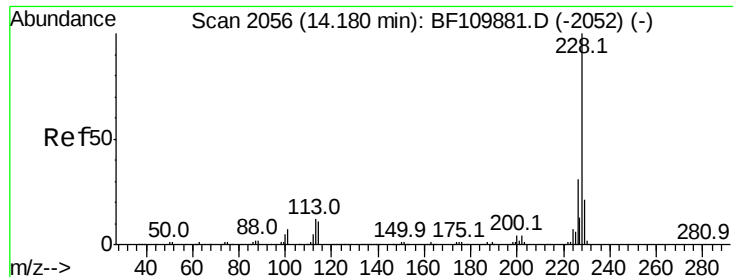
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 13.733 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.3	76.9
126	14.0	9.4	14.2





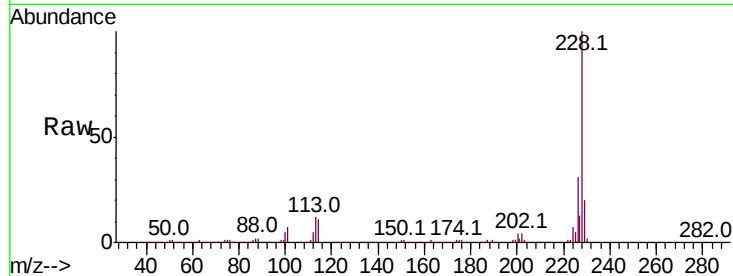
#83
 Chrysene
 Concen: 28.235 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BSD

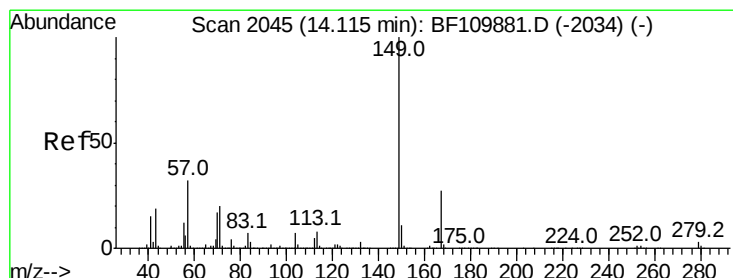
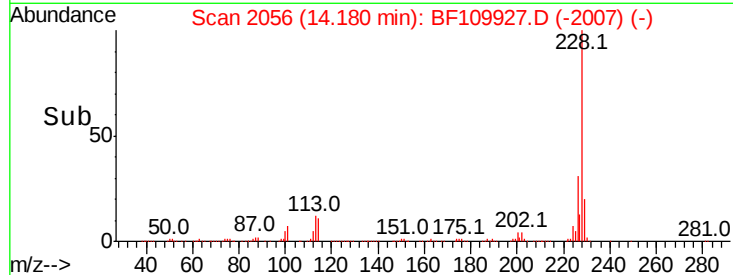
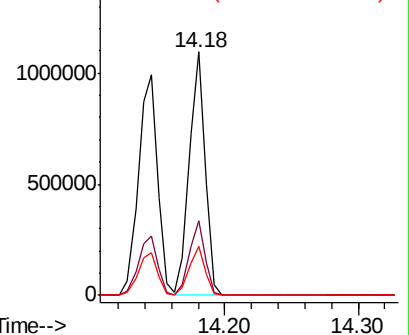
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.3	15.9	23.9

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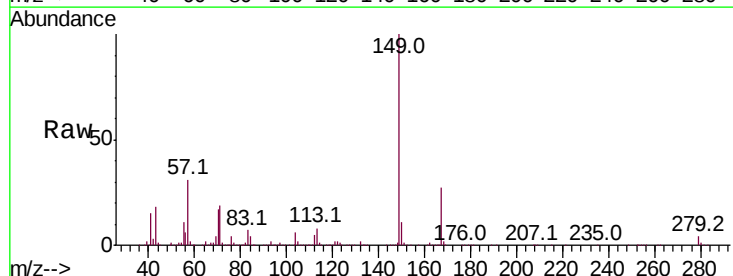


Abundance Ion 228.00 (227.70 to 228.70): E
 1500000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

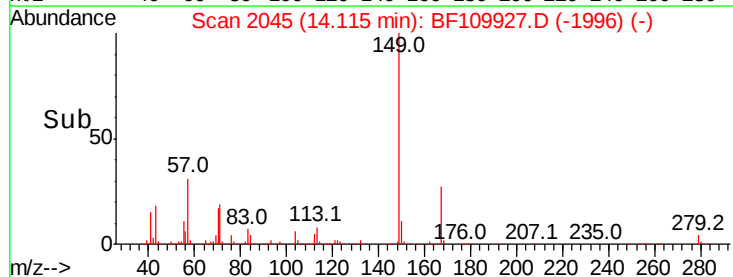
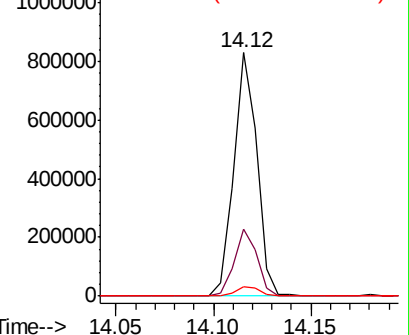


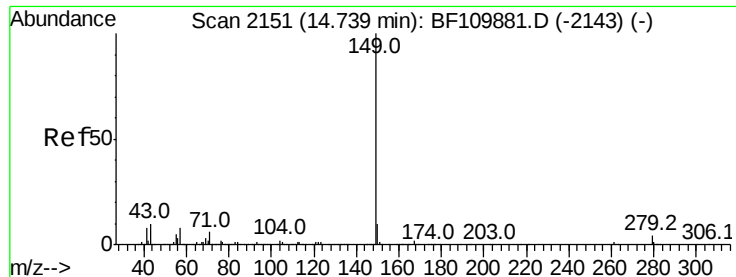
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.658 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.8	29.8
279	3.6	2.7	4.1



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





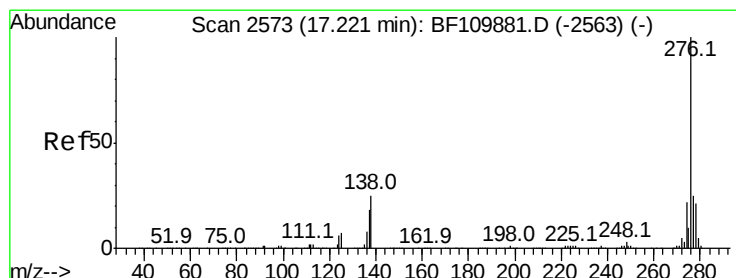
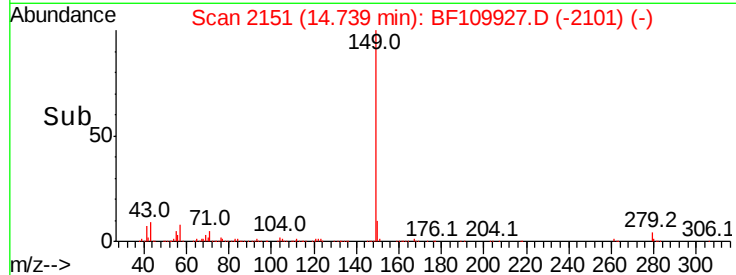
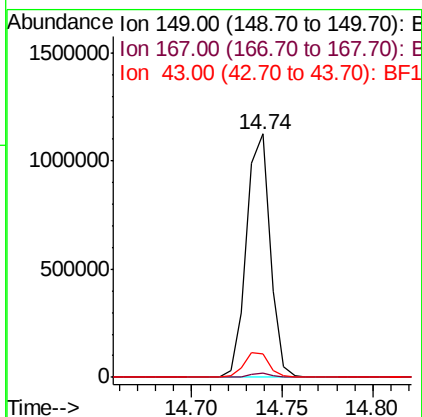
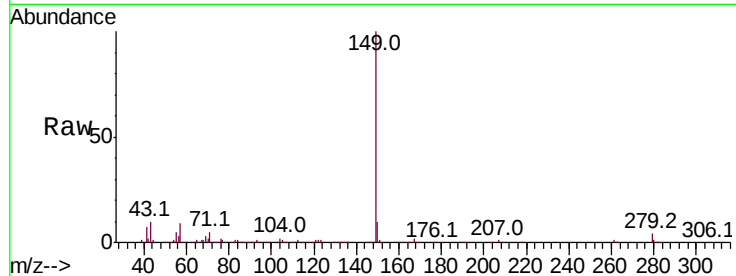
#85
Di-n-octyl phthalate
Concen: 32.779 ng
RT: 14.74 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.5	7.8	11.8

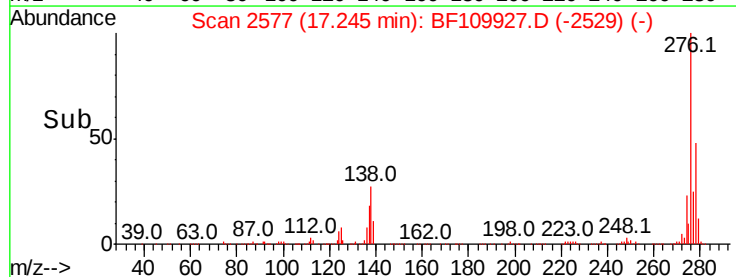
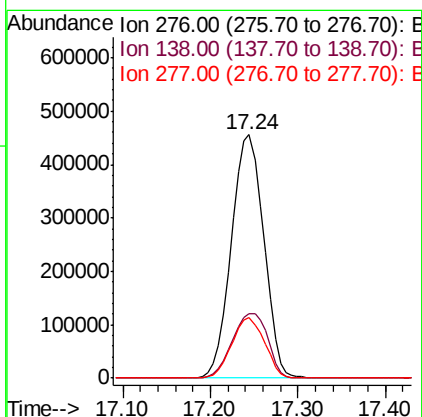
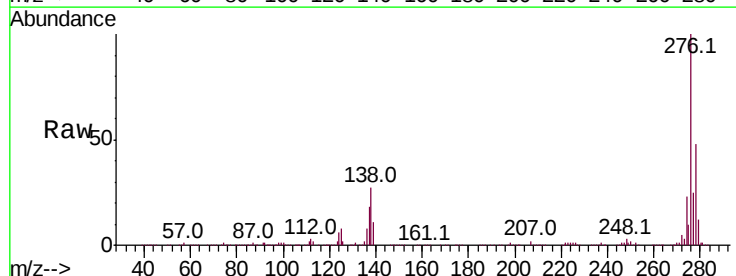
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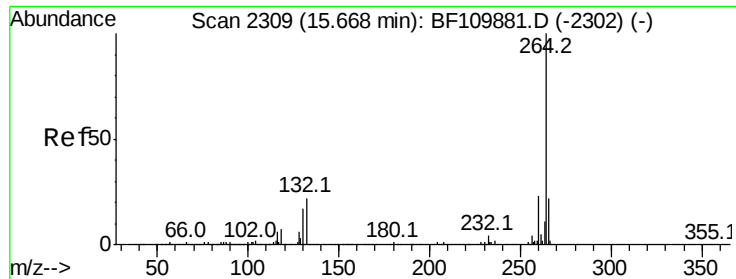
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.689 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	18.5	27.7#
277	25.2	20.0	30.0





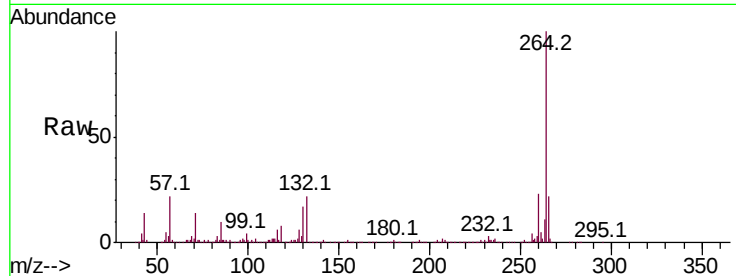
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.0	16.7	25.1

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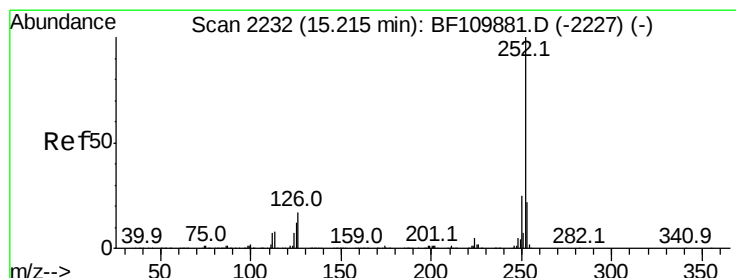
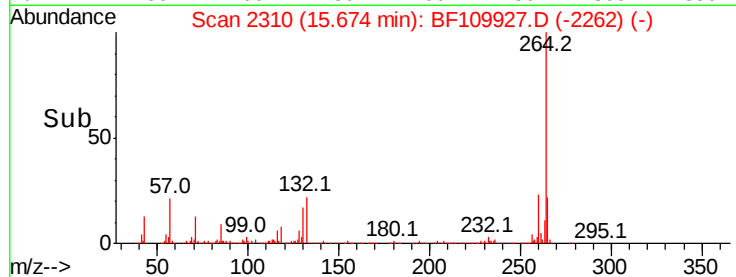
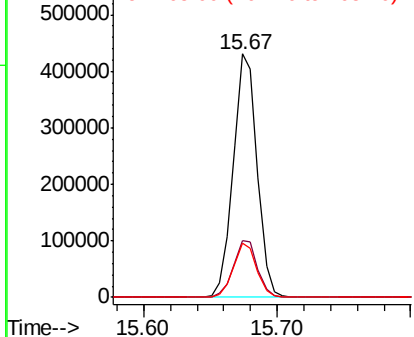


Abundance

Ion 264.00 (263.70 to 264.70): E

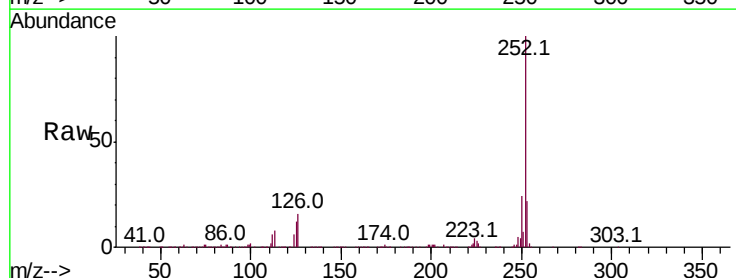
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 28.679 ng m
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	12.4	8.2	12.4#

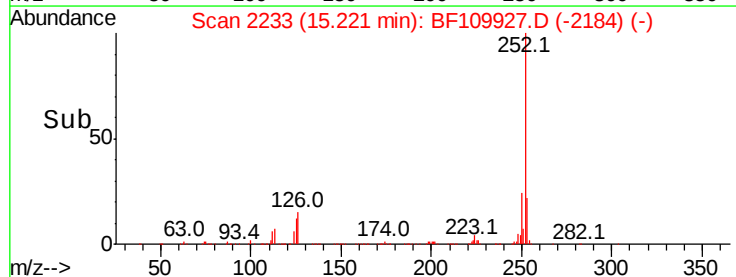
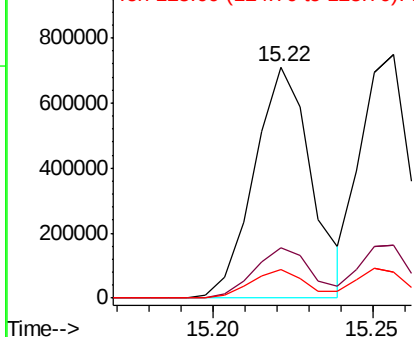


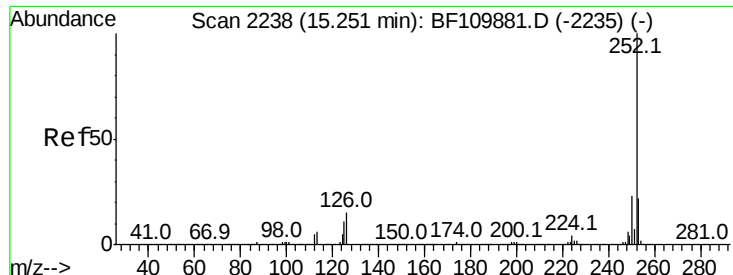
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





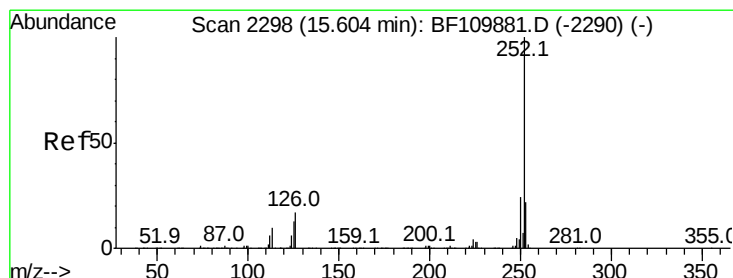
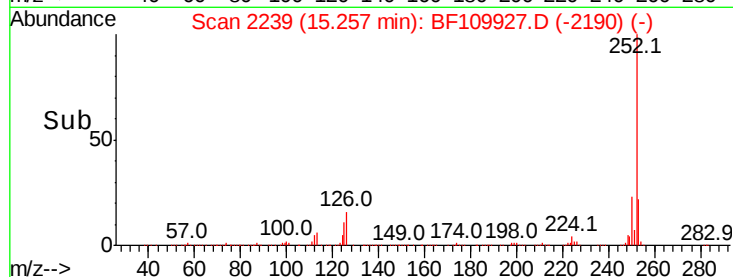
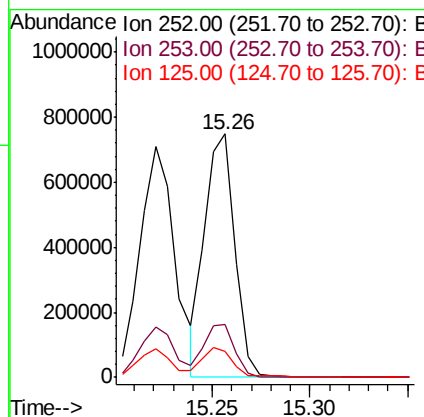
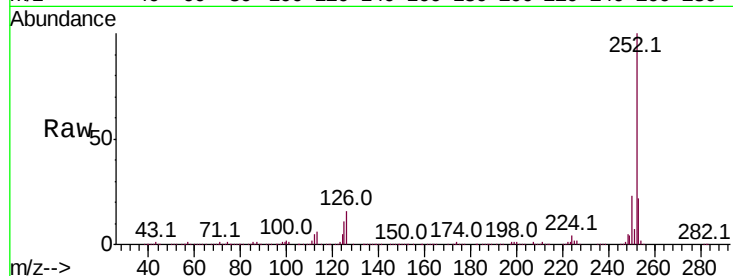
#89
Benzo(k)fluoranthene
Concen: 26.147 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.9	7.4	11.0

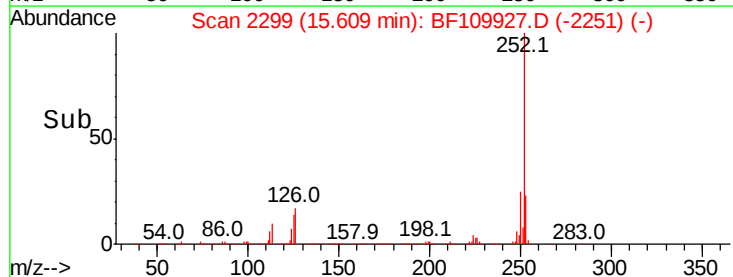
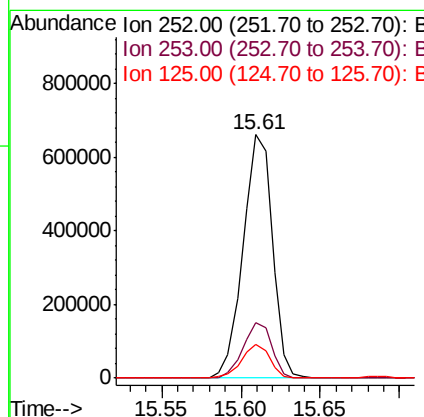
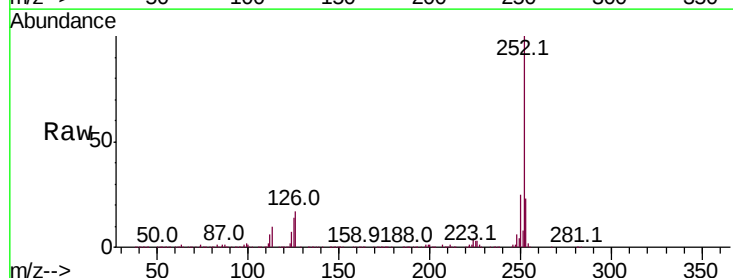
Manual Integrations
APPROVED

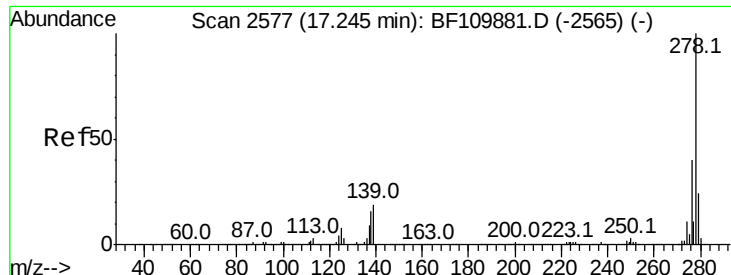
Sohil
10/18/2018 2:04:23 PM



#90
Benzo(a)pyrene
Concen: 29.771 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	13.9	9.0	13.6





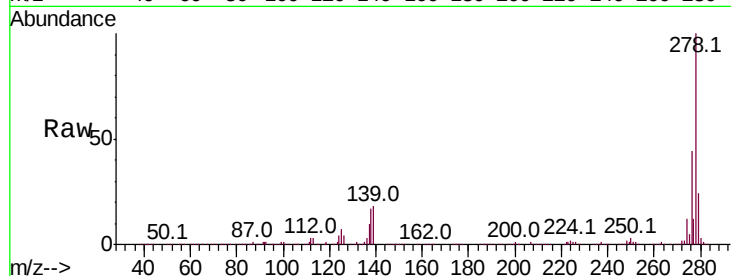
#91
Dibenzo(a,h)anthracene
Concen: 37.387 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
PB113915BSD

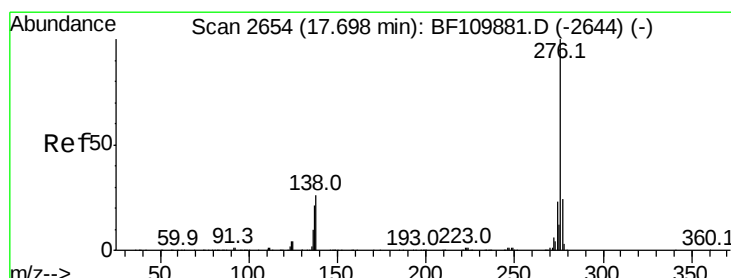
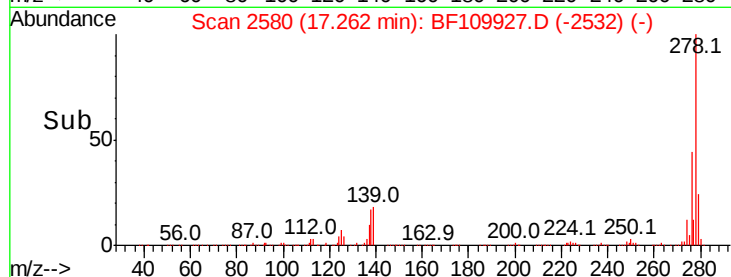
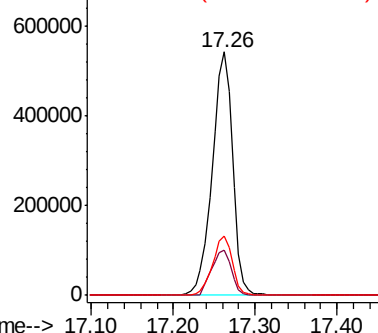
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	12.7	19.1
279	24.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:23 PM

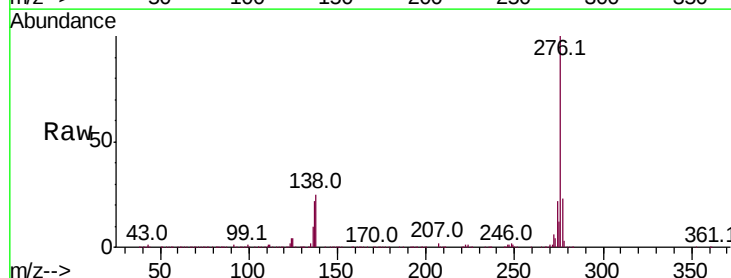


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.625 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	25.0	16.0	24.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

