

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109926.D
 Acq On : 17 Oct 2018 18:06
 Operator : JU/SJ
 Sample : PB113915BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

Manual Integrations
 APPROVED

Sohil
 10/18/2018 2:04:21 PM

Quant Time: Oct 18 10:53:34 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	272214	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1137229	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	556691	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	1053698	20.00	ng	0.00
76) Chrysene-d12	14.16	240	691312	20.00	ng	0.00
87) Perylene-d12	15.68	264	555849	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	819115	47.70	ng	0.00
7) Phenol-d6	6.59	99	1027812	48.20	ng	-0.01
23) Nitrobenzene-d5	7.54	82	881290	52.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	259474	53.84	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1778575	50.98	ng	0.00
79) Terphenyl-d14	13.09	244	1645848	49.99	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.92	88	158080	16.207	ng	90
3) Pyridine	3.67	79	453745	20.866	ng	87
4) n-Nitrosodimethylamine	3.63	42	207426	23.384	ng	# 99
6) Aniline	6.63	93	367189	12.778	ng	# 53
8) 2-Chlorophenol	6.76	128	451972	23.496	ng	97
9) Benzaldehyde	6.53	77	188474	13.601	ng	95
10) Phenol	6.60	94	537737	23.356	ng	# 60
11) bis(2-Chloroethyl)ether	6.70	93	435403	22.618	ng	93
12) 1,3-Dichlorobenzene	6.92	146	482313	22.866	ng	98
13) 1,4-Dichlorobenzene	6.99	146	485031	22.832	ng	97
14) 1,2-Dichlorobenzene	7.15	146	459393	23.484	ng	99
15) Benzyl Alcohol	7.11	79	389124	23.719	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.25	45	725591	22.965	ng	67
17) 2-Methylphenol	7.22	107	371823	23.971	ng	# 79
18) Hexachloroethane	7.49	117	178258	23.745	ng	91
19) n-Nitroso-di-n-propylamine	7.38	70	307770	22.478	ng	96
20) 3+4-Methylphenols	7.37	107	474386	24.100	ng	96
22) Acetophenone	7.38	105	629606	23.873	ng	98
24) Nitrobenzene	7.56	77	451983	24.645	ng	95
25) Isophorone	7.79	82	854225	25.752	ng	95
26) 2-Nitrophenol	7.87	139	203533	26.767	ng	# 86
27) 2,4-Dimethylphenol	7.90	122	422571	26.448	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	555689	24.410	ng	100
29) 2,4-Dichlorophenol	8.11	162	375697	24.239	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	399263	23.006	ng	96
31) Naphthalene	8.28	128	1313357	25.185	ng	99
32) Benzoic acid	7.95	122	56078m	5.633	ng	
33) 4-Chloroaniline	8.32	127	233836	9.975	ng	98
34) Hexachlorobutadiene	8.39	225	217195	22.696	ng	99
35) Caprolactam	8.68	113	123042m	22.352	ng	
36) 4-Chloro-3-methylphenol	8.80	107	401236	24.539	ng	93
37) 2-Methylnaphthalene	8.97	142	898100	26.596	ng	98
38) 1-Methylnaphthalene	9.07	142	854672	26.120	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	380834	22.210	ng	98

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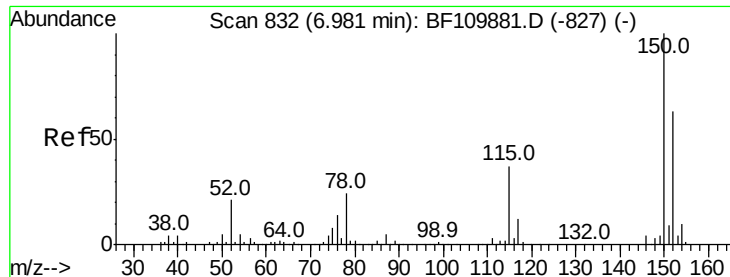
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	440929	53.278	nq	100
43) 2,4,6-Trichlorophenol	9.25	196	260522	24.299	nq	97
44) 2,4,5-Trichlorophenol	9.29	196	276575	24.855	nq	94
46) 1,1'-Biphenyl	9.44	154	1117365	22.528	nq	99
47) 2-Chloronaphthalene	9.46	162	830812	22.741	nq	99
48) 2-Nitroaniline	9.56	65	241255	25.732	nq	92
49) Acenaphthylene	9.88	152	1321344	24.896	nq	98
50) Dimethylphthalate	9.73	163	961066	24.381	nq	100
51) 2,6-Dinitrotoluene	9.80	165	202003	26.981	nq	90
52) Acenaphthene	10.05	154	817204	24.185	nq	98
53) 3-Nitroaniline	9.96	138	138886	15.250	nq	96
54) 2,4-Dinitrophenol	10.07	184	53977	29.020	nq	93
55) Dibenzofuran	10.23	168	1160034	24.072	nq	94
56) 4-Nitrophenol	10.12	139	336805	48.467	nq	95
57) 2,4-Dinitrotoluene	10.20	165	253244	28.803	nq	96
58) Fluorene	10.57	166	909685	25.932	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	226048	25.632	nq	97
60) Diethylphthalate	10.43	149	958413	24.617	nq	98
61) 4-Chlorophenyl-phenylether	10.56	204	434975	23.804	nq	99
62) 4-Nitroaniline	10.58	138	221375	25.678	nq	92
63) Azobenzene	10.72	77	947200	23.288	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	58466	20.698	nq	85
66) n-Nitrosodiphenylamine	10.67	169	813525	23.181	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	268682	23.529	nq	95
68) Hexachlorobenzene	11.12	284	281189	23.091	nq	# 93
69) Atrazine	11.20	200	271638	24.779	nq	100
70) Pentachlorophenol	11.31	266	216488	31.239	nq	98
71) Phenanthrene	11.54	178	1364210	25.008	nq	100
72) Anthracene	11.59	178	1403502	25.591	nq	99
73) Carbazole	11.74	167	1218273	22.603	nq	99
74) Di-n-butylphthalate	12.06	149	1508626	25.080	nq	99
75) Fluoranthene	12.73	202	1362238	24.997	nq	99
77) Benzidine	12.84	184	494062	18.640	nq	97
78) Pyrene	12.96	202	1337002	26.332	nq	99
80) Butylbenzylphthalate	13.56	149	559270	27.245	nq	97
81) Benzo(a)anthracene	14.14	228	1006011	24.706	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	131913	9.240	nq	99
83) Chrysene	14.18	228	934929	24.121	nq	100
84) Bis(2-ethylhexyl)phthalate	14.12	149	723402	26.782	nq	96
85) Di-n-octyl phthalate	14.74	149	983419	25.824	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	957346	30.677	nq	# 94
88) Benzo(b)fluoranthene	15.22	252	791123	24.687	nq	98
89) Benzo(k)fluoranthene	15.26	252	724173	22.927	nq	98
90) Benzo(a)pyrene	15.61	252	739782	25.100	nq	# 97
91) Dibenzo(a,h)anthracene	17.26	278	790345	30.258	nq	97
92) Benzo(g,h,i)perylene	17.72	276	823580	31.207	nq	# 95

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



#1

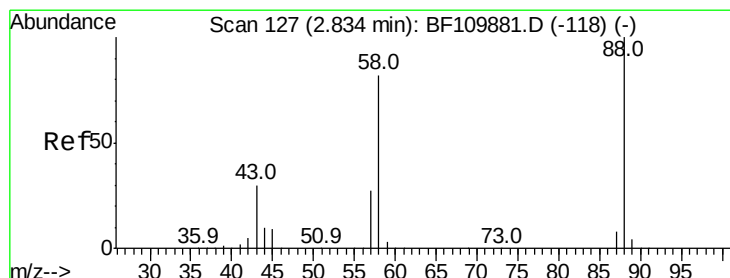
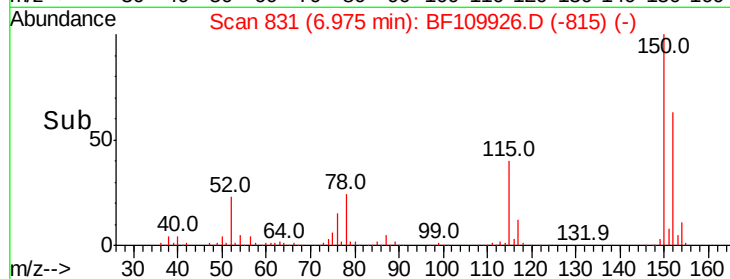
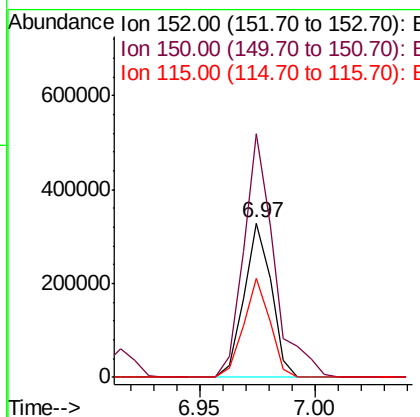
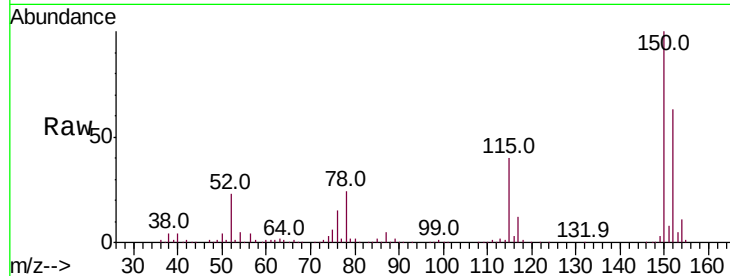
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.7	184.1
115	63.8	49.1	73.7

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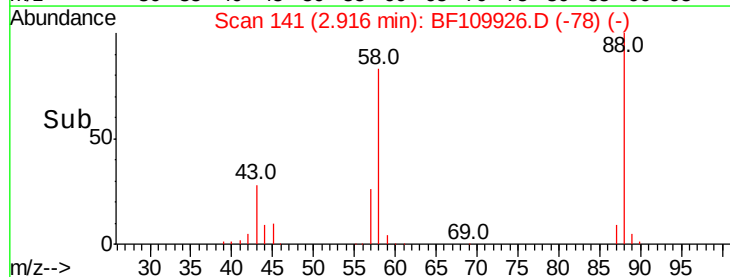
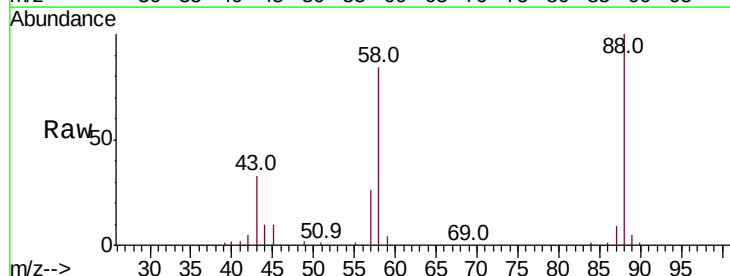
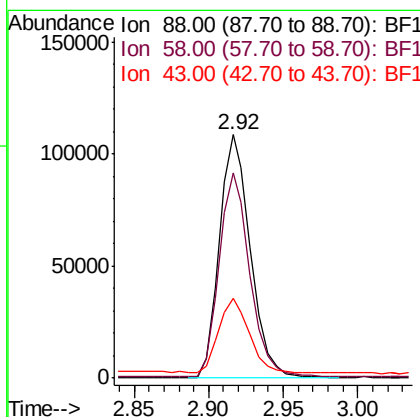
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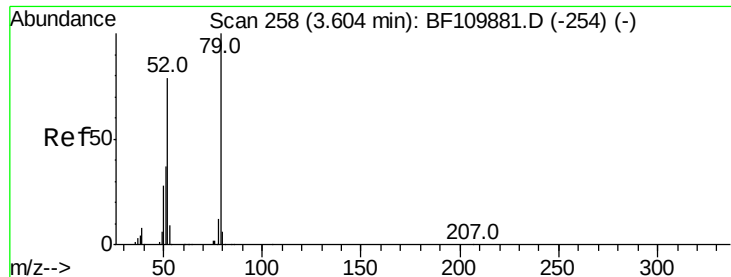


#2

1,4-Dioxane
Concen: 16.207 ng
RT: 2.92 min Scan# 141
Delta R.T. 0.07 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.4	57.1	85.7
43	29.6	24.1	36.1





#3

Pvridine

Concen: 20.866 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.05 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

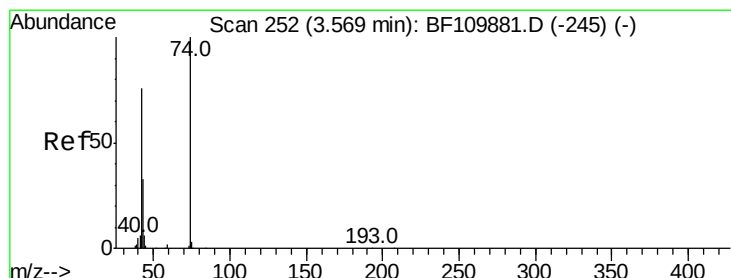
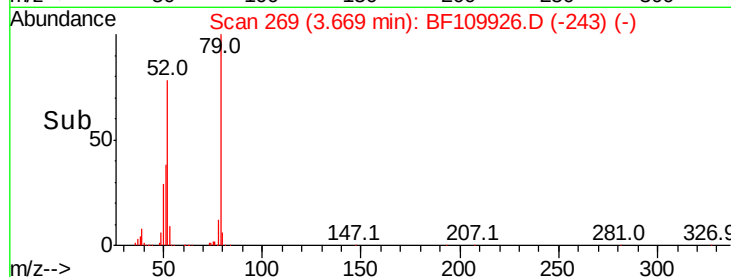
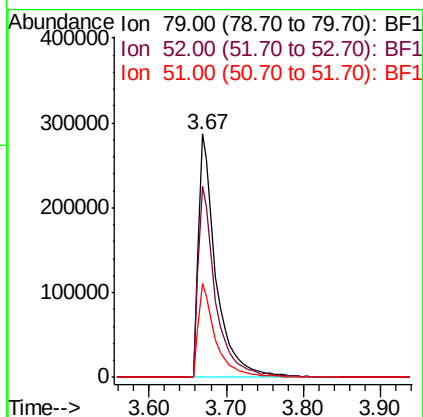
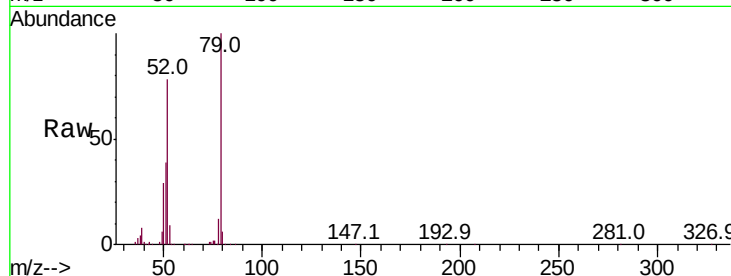
ClientSampleId :

PB113915BS

Tot Ion:	79	Resp:	453745
Ion Ratio	Lower	Upper	
79	100		
52	78.5	53.1	79.7
51	38.6	27.4	41.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 23.384 ng

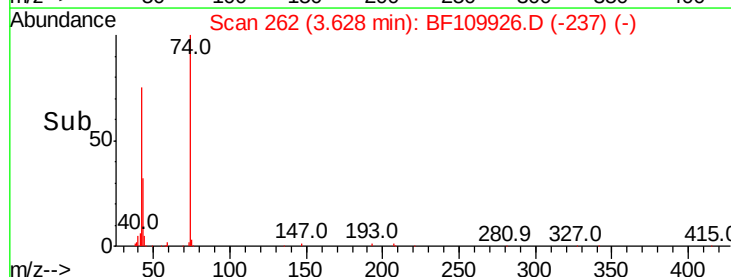
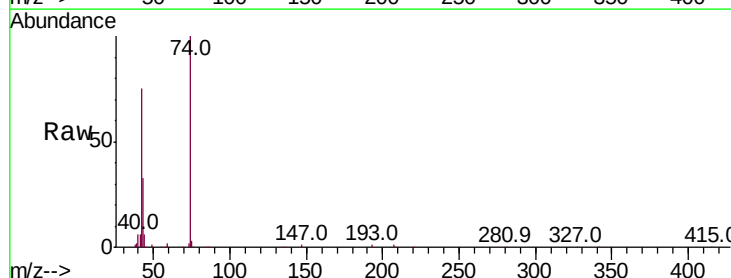
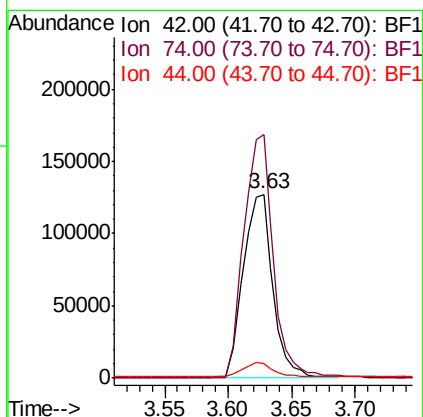
RT: 3.63 min Scan# 262

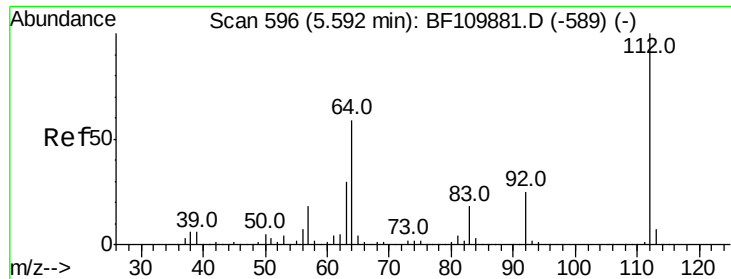
Delta R.T. 0.05 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:	42	Resp:	207426
Ion Ratio	Lower	Upper	
42	100		
74	132.6	105.5	158.3
44	7.9	4.9	7.3#





#5

2-Fluorophenol

Concen: 47.698 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

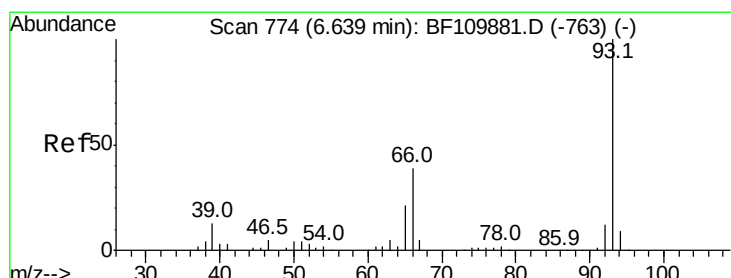
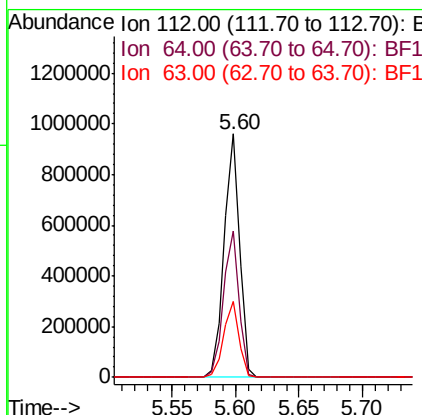
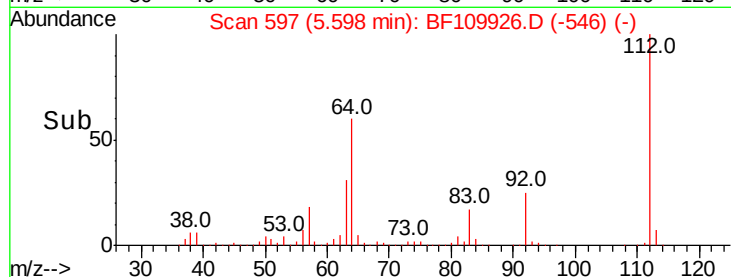
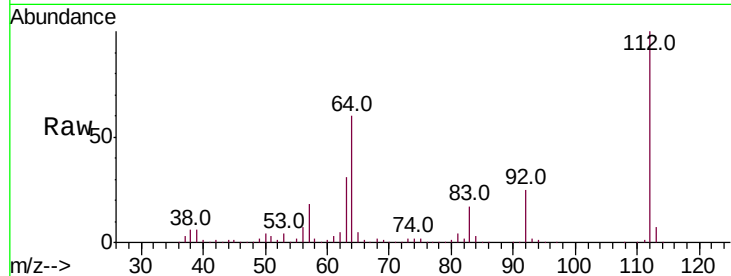
ClientSampleId :

PB113915BS

Tot Ion:	112	Resp:	819115
Ion Ratio	Lower	Upper	
112	100		
64	60.0	44.1	66.1
63	31.0	23.7	35.5

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#6

Aniline

Concen: 12.778 ng

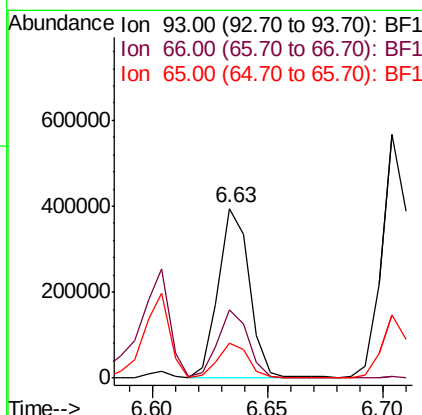
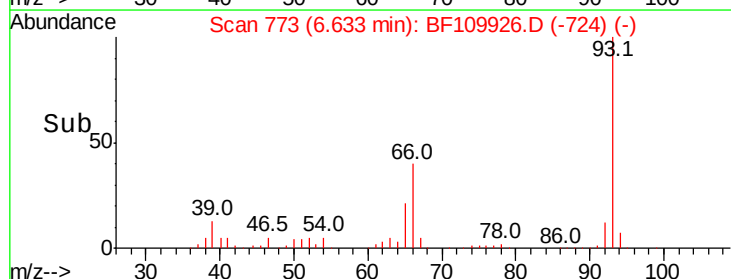
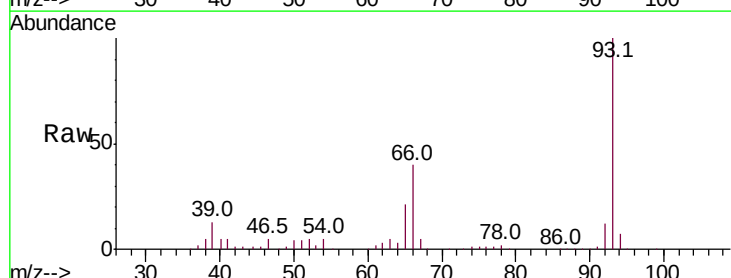
RT: 6.63 min Scan# 773

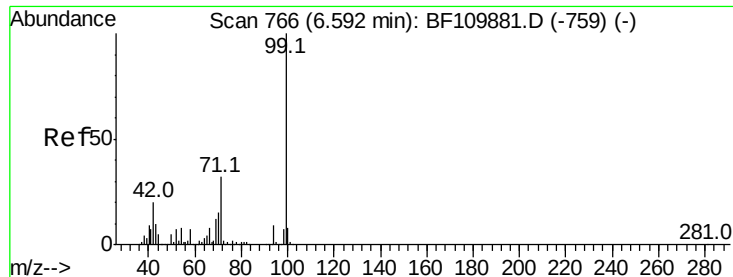
Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:	93	Resp:	367189
Ion Ratio	Lower	Upper	
93	100		
66	40.1	67.4	101.0#
65	20.6	41.0	61.4#





#7

Phenol-d6

Concen: 48.199 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

PB113915BS

Tot Ion: 99 Resp: 1027812

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

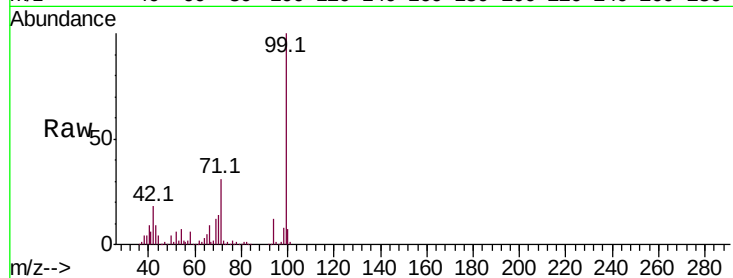
71 31.1 28.0 42.0

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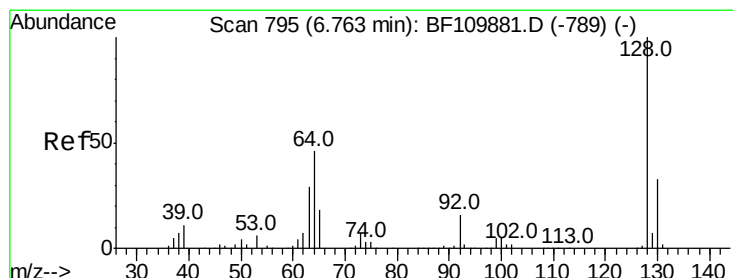
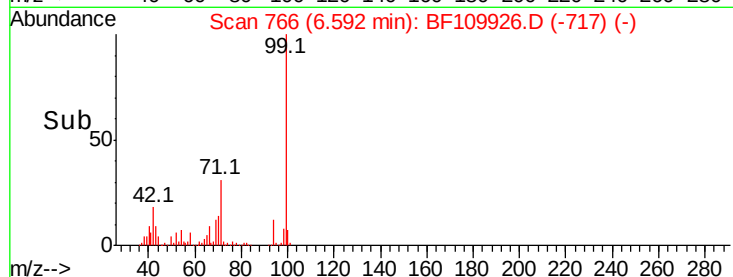
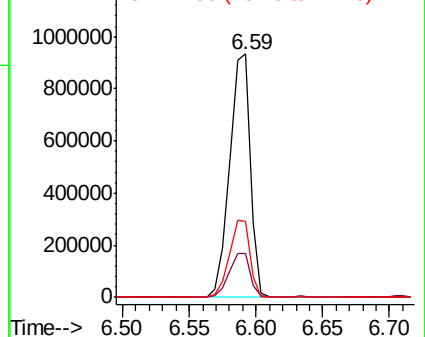
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 23.496 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

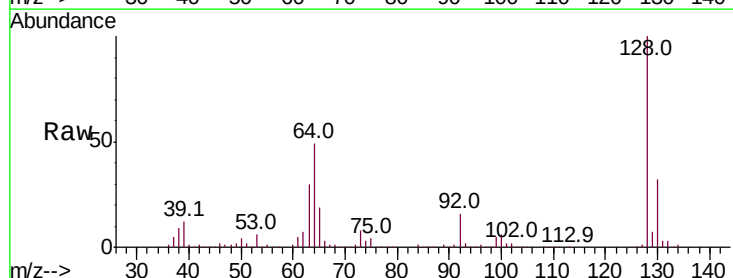
Tgt Ion: 128 Resp: 451972

Ion Ratio Lower Upper

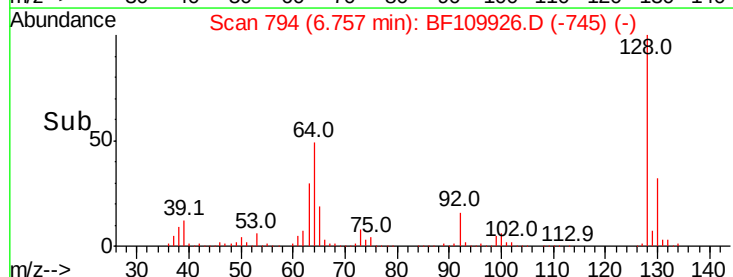
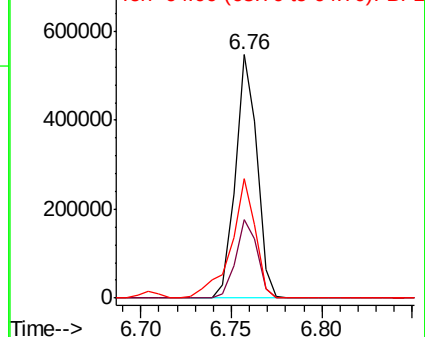
128 100

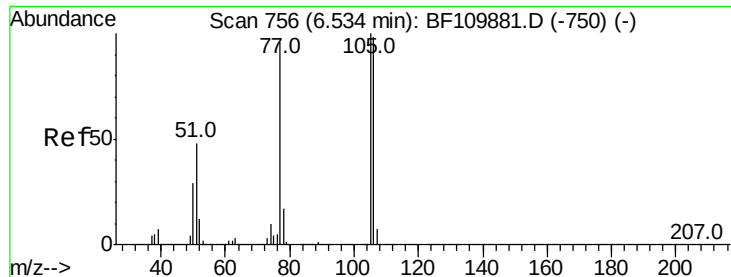
130 32.5 13.1 53.1

64 48.9 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.601 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

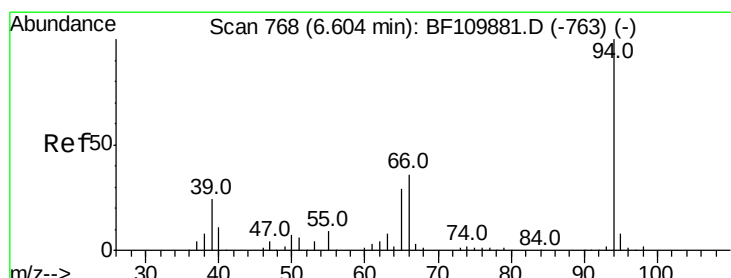
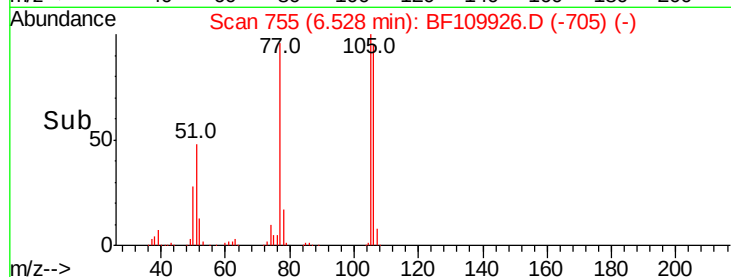
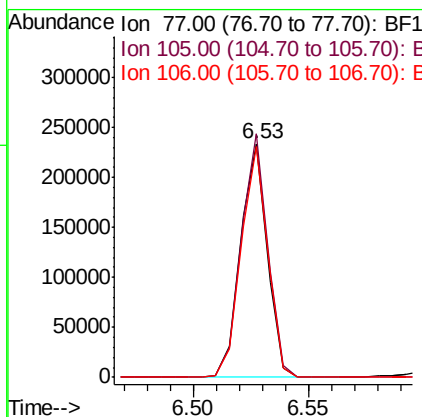
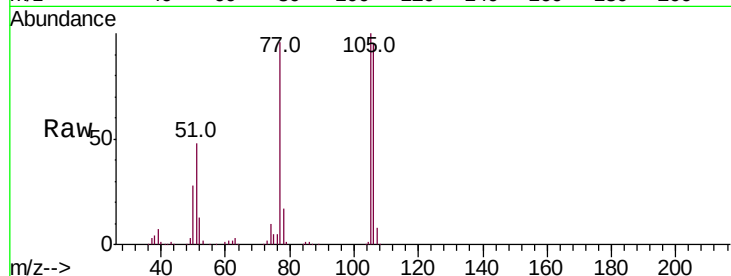
ClientSampleId :

PB113915BS

Tot Ion:	77	Resp:	188474
Ion Ratio	Lower	Upper	
77	100		
105	104.3	78.6	118.6
106	99.0	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 23.356 ng

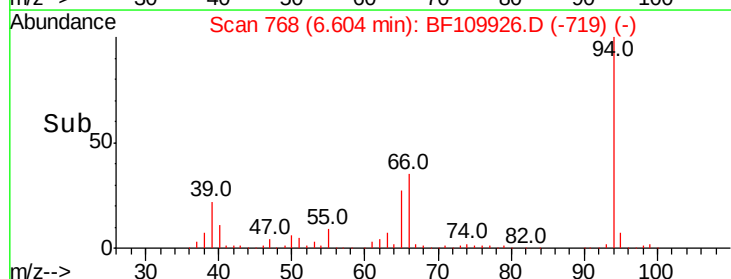
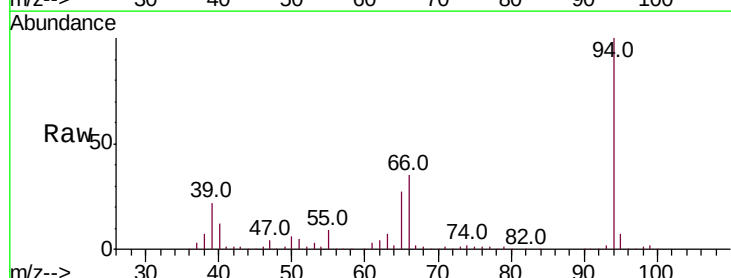
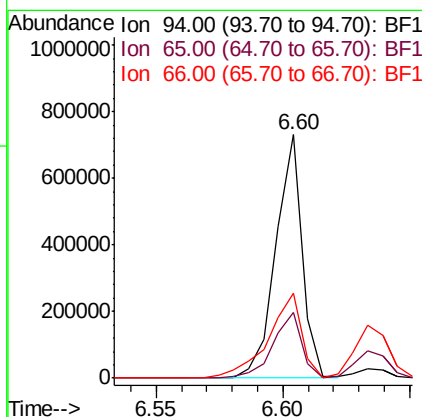
RT: 6.60 min Scan# 768

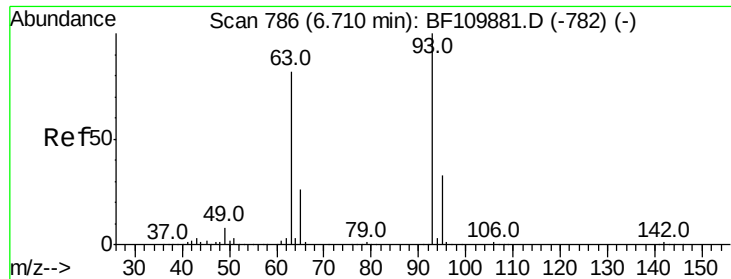
Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:	94	Resp:	537737
Ion Ratio	Lower	Upper	
94	100		
65	27.0	25.3	65.3
66	35.0	54.5	94.5#





#11

bis(2-Chloroethyl)ether

Concen: 22.618 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

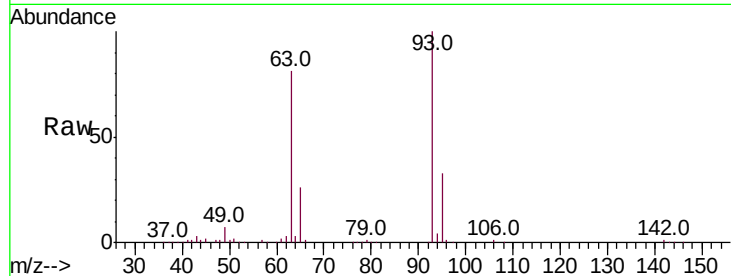
ClientSampleId :

PB113915BS

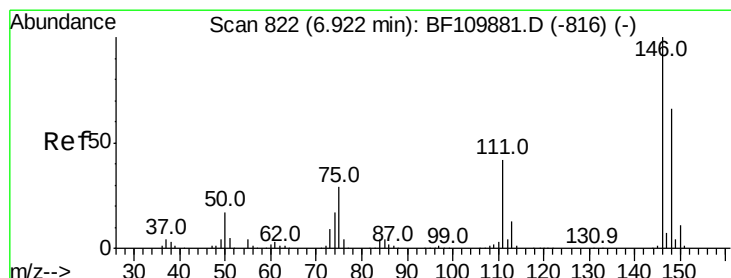
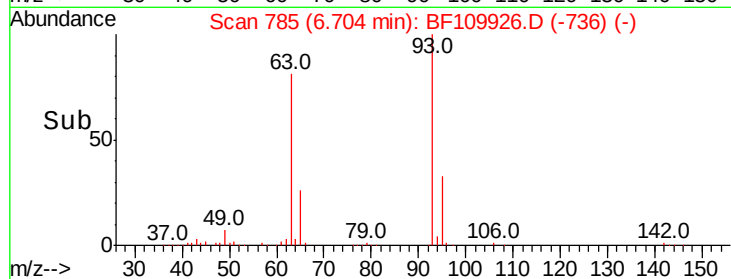
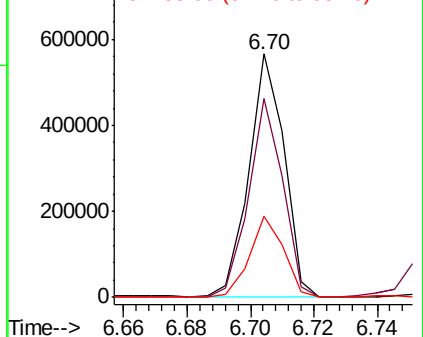
Tot Ion:	93	Resp:	435403
Ion Ratio	Lower	Upper	
93	100		
63	81.4	53.4	93.4
95	33.0	12.1	52.1

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Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 22.866 ng

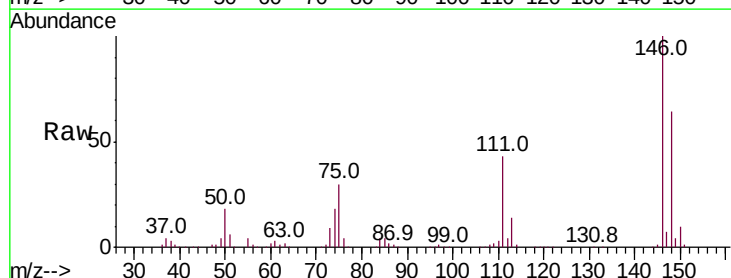
RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

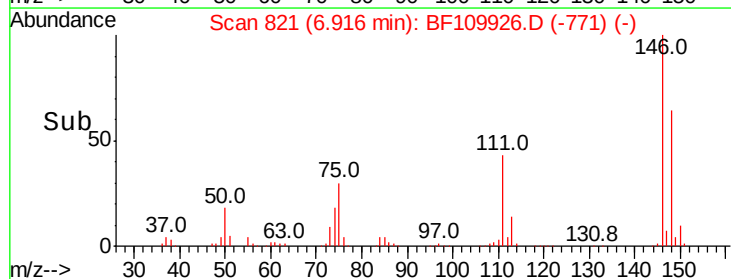
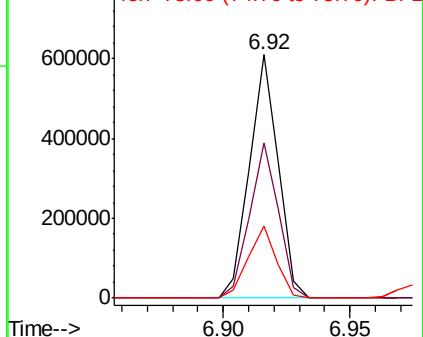
Lab File: BF109926.D

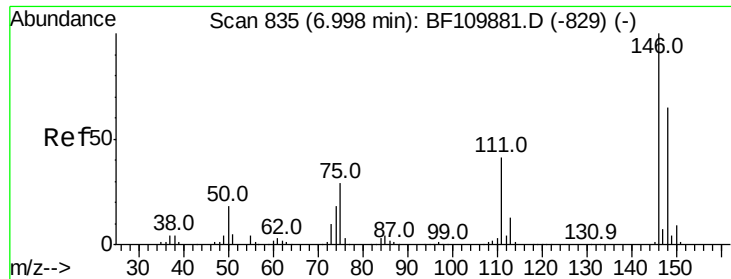
Acq: 17 Oct 2018 18:06

Tgt Ion:	146	Resp:	482313
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.4	75.6
75	29.7	25.8	38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





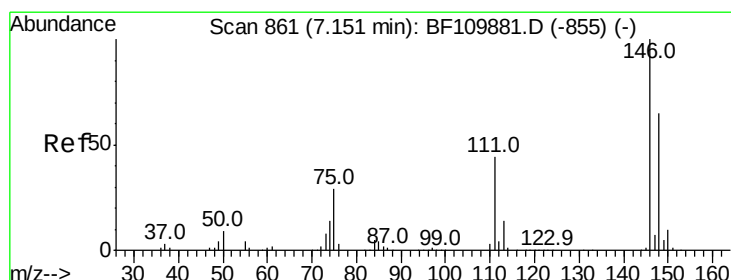
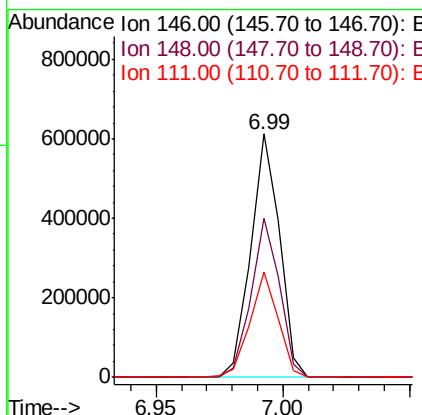
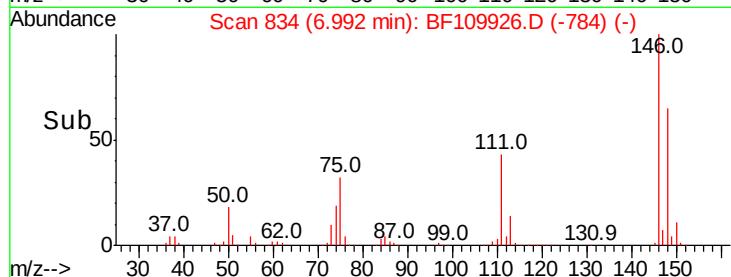
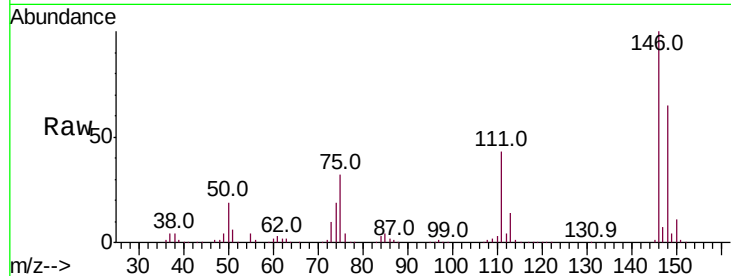
#13
 1,4-Dichlorobenzene
 Concen: 22.832 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.3	75.5
111	43.1	32.7	49.1

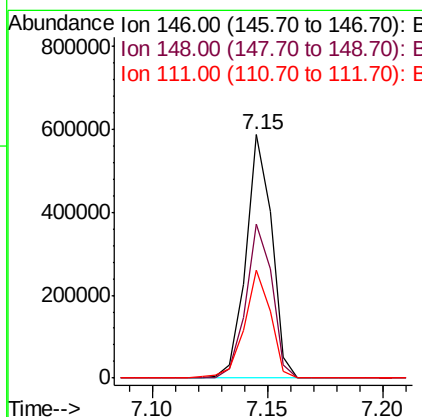
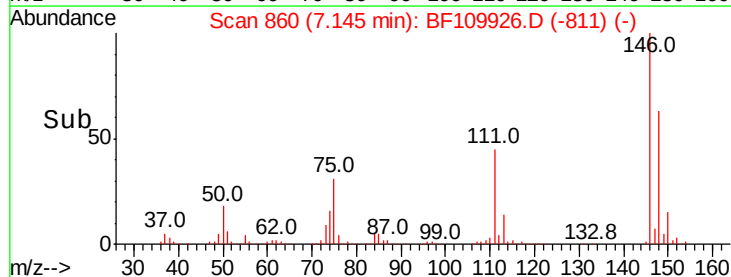
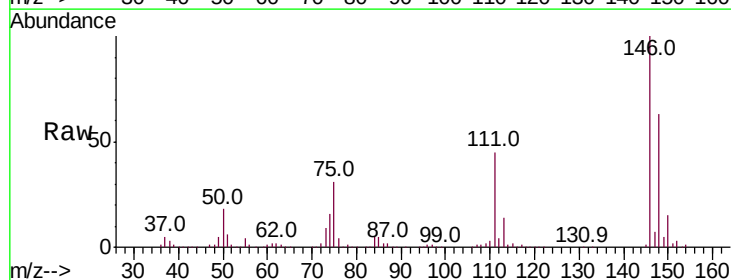
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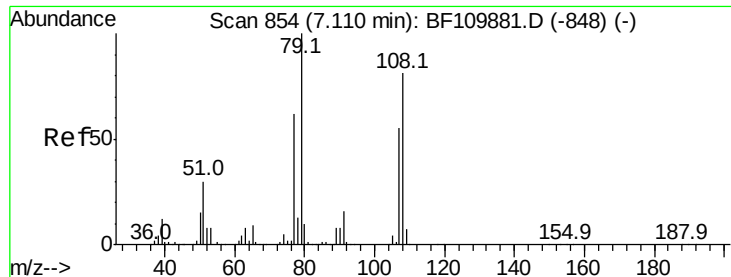
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#14
 1,2-Dichlorobenzene
 Concen: 23.484 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	44.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 23.719 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

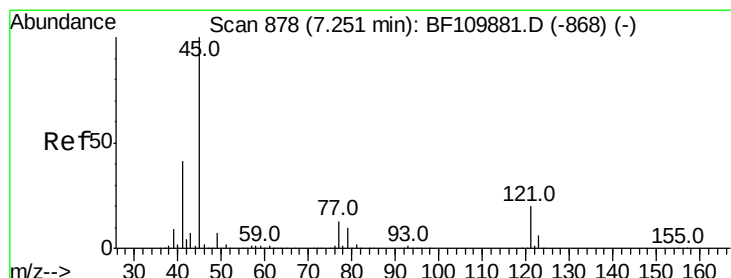
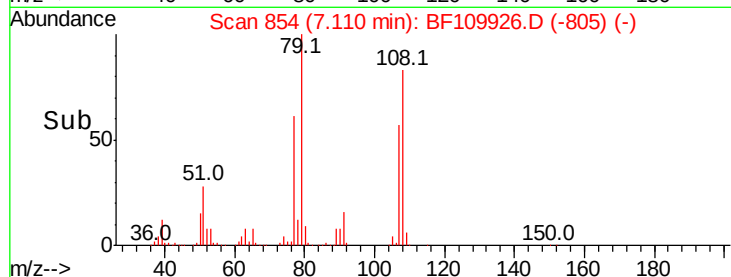
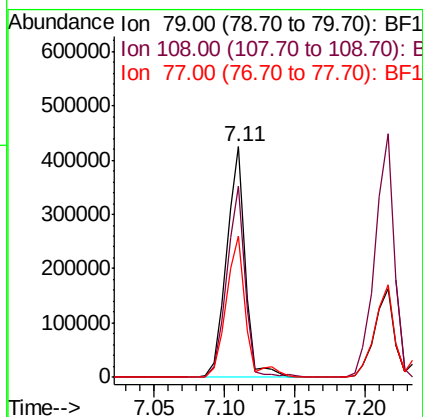
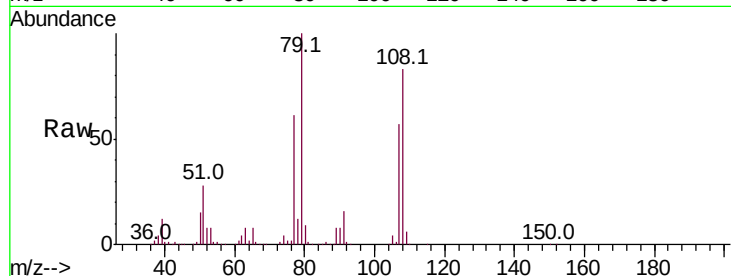
ClientSampleId :

PB113915BS

Tot Ion:	79	Resp:	389124
Ion Ratio	Lower	Upper	
79	100		
108	83.1	56.3	84.5
77	61.4	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 22.965 ng

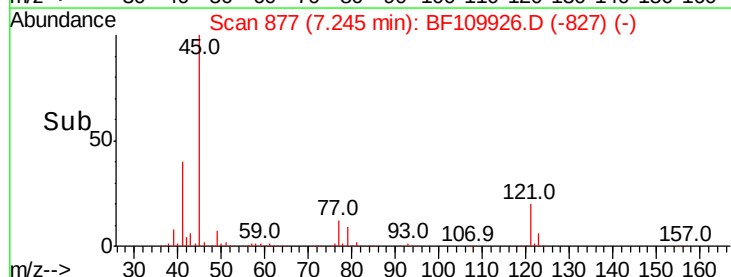
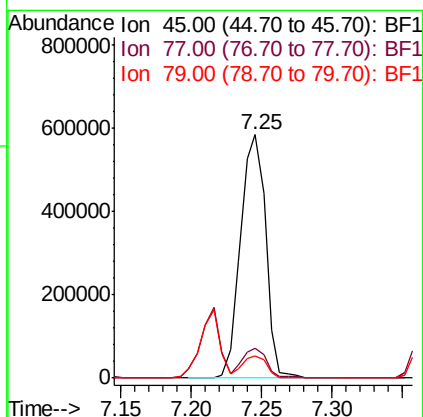
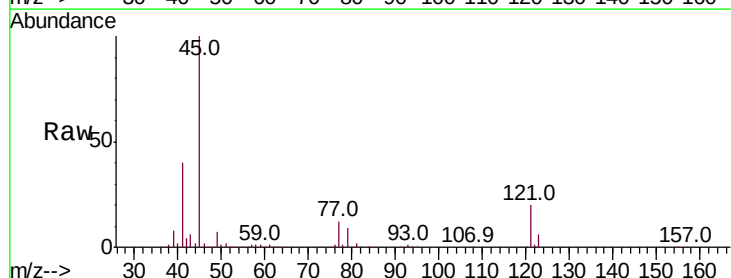
RT: 7.25 min Scan# 877

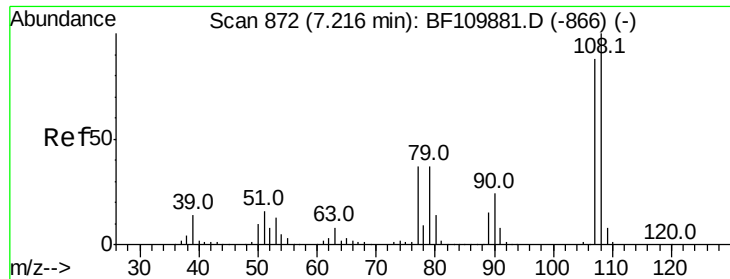
Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:	45	Resp:	725591
Ion Ratio	Lower	Upper	
45	100		
77	12.1	10.0	50.0
79	9.2	6.1	46.1





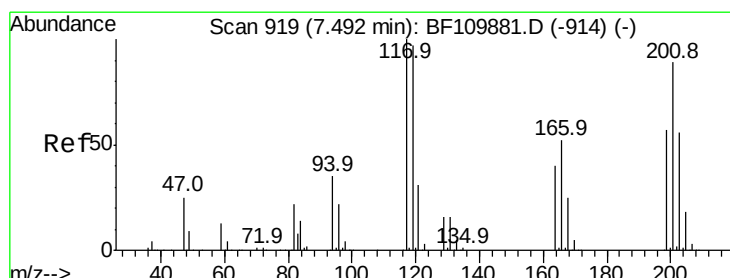
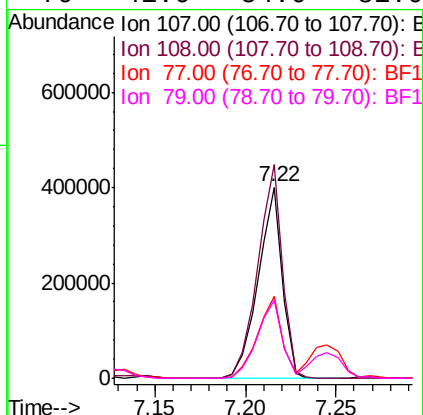
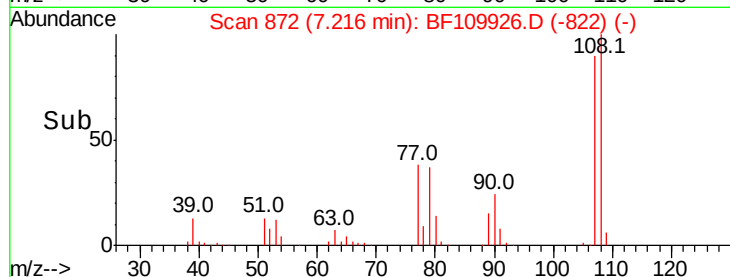
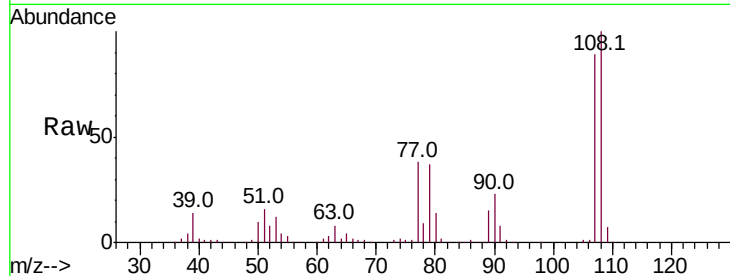
#17
2-Methylphenol
Concen: 23.971 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	92.6	138.8	
77	42.8	59.4	89.2#	
79	41.0	54.0	81.0#	

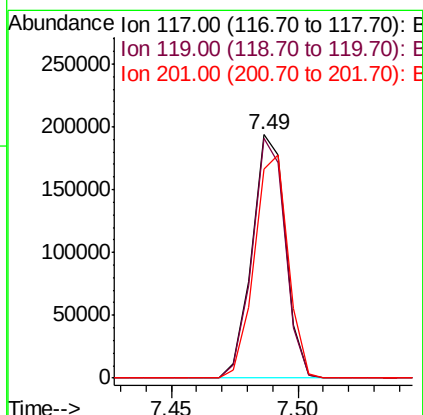
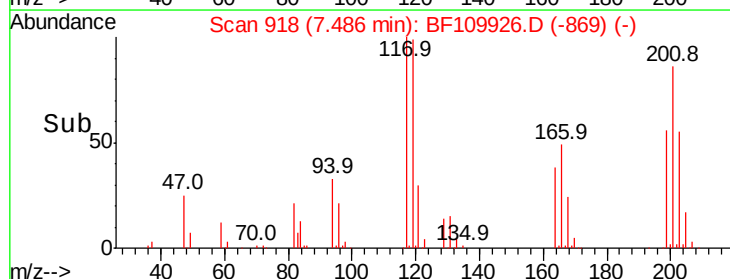
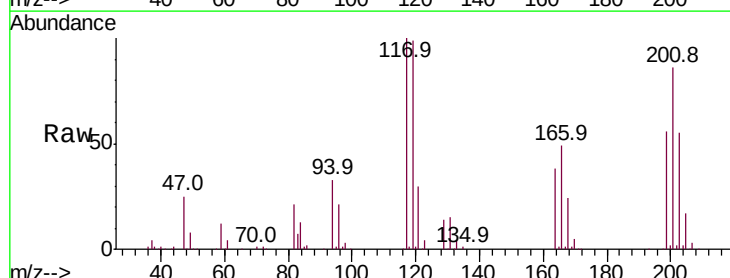
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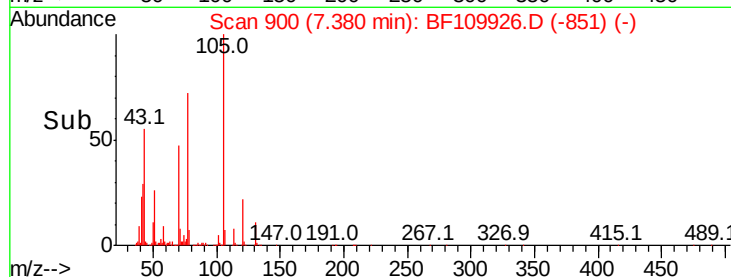
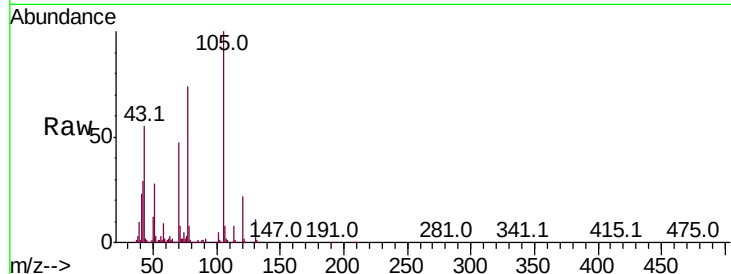
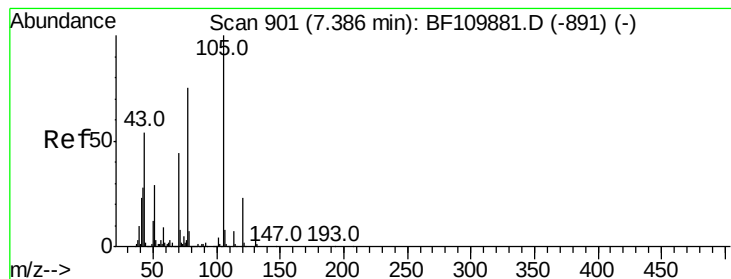
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#18
Hexachloroethane
Concen: 23.745 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	75.0	112.6	
201	86.0	79.2	118.8	





#19

n-Nitroso-di-n-propylamine

Concen: 22.478 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

PB113915BS

Tot Ion: 70 Resp: 307770

Ion Ratio Lower Upper

70 100

42 61.3 47.4 71.2

101 9.9 7.3 10.9

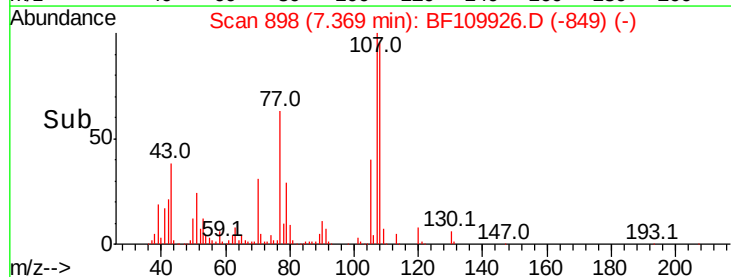
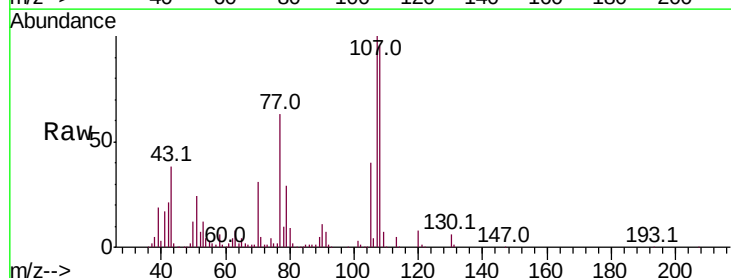
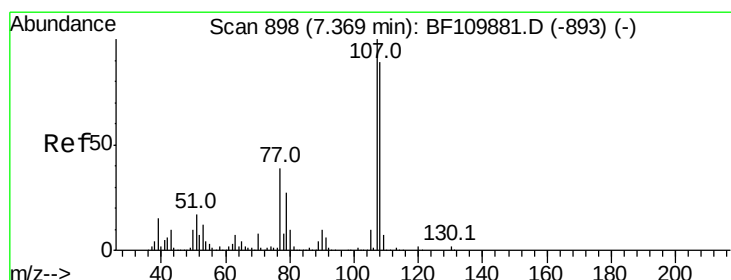
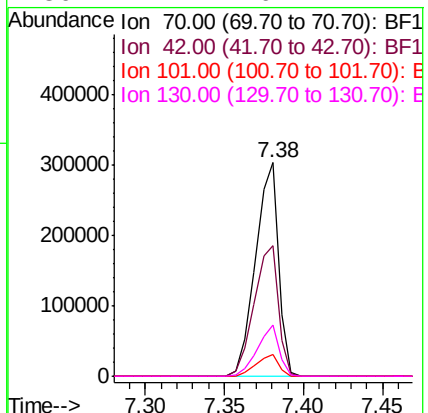
130 24.1 16.2 24.2

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#20

3+4-Methylphenols

Concen: 24.100 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:107 Resp: 474386

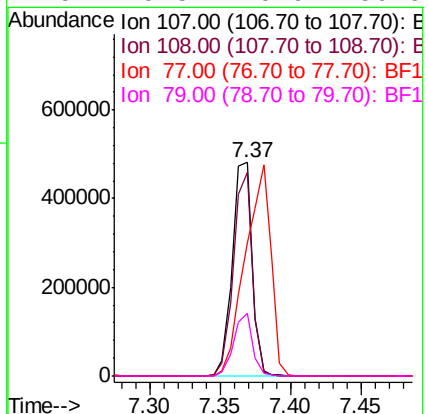
Ion Ratio Lower Upper

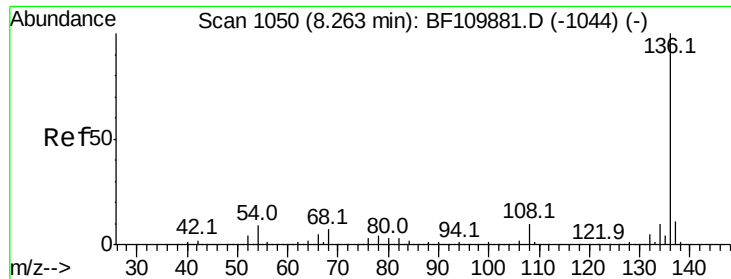
107 100

108 95.0 71.4 111.4

77 62.5 47.3 87.3

79 29.5 10.9 50.9





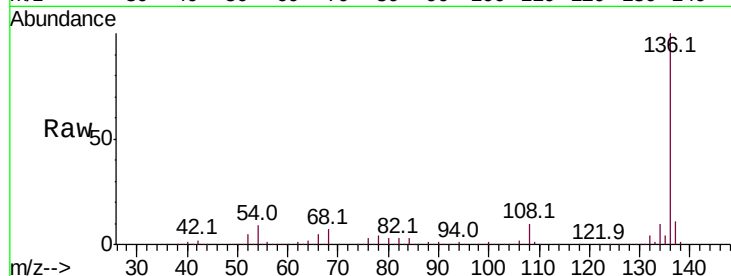
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.1	5.4	8.2#
68	6.6	4.2	6.2#

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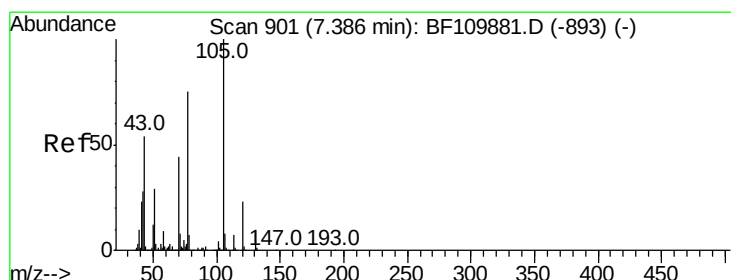
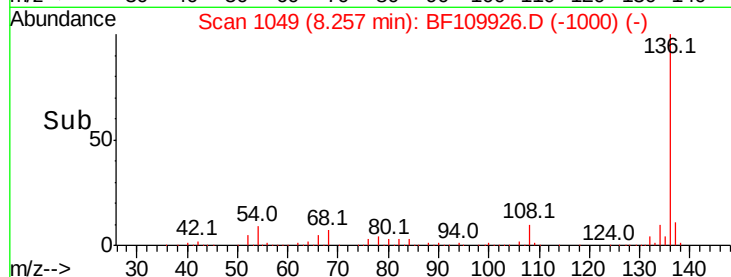
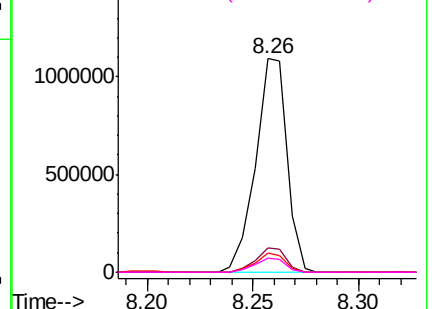
Abundance

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: 23.873 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.2	7.8
51	27.8	21.8	32.8
120	22.2	17.0	25.4

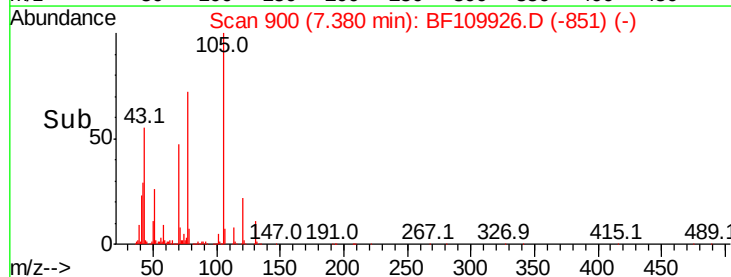
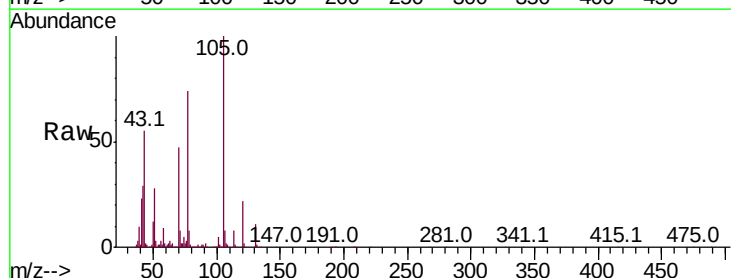
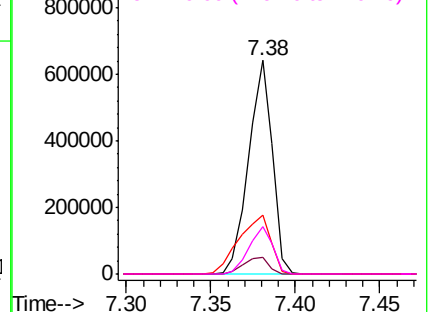
Abundance

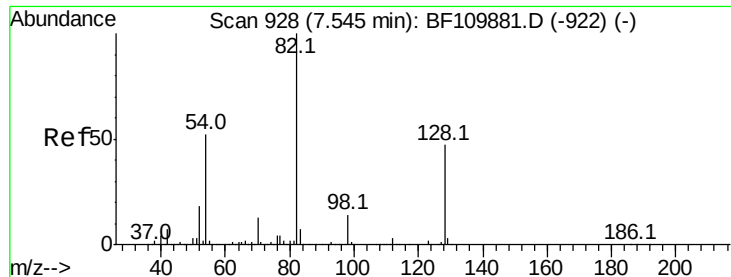
Ion 105.00 (104.70 to 105.70): E

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





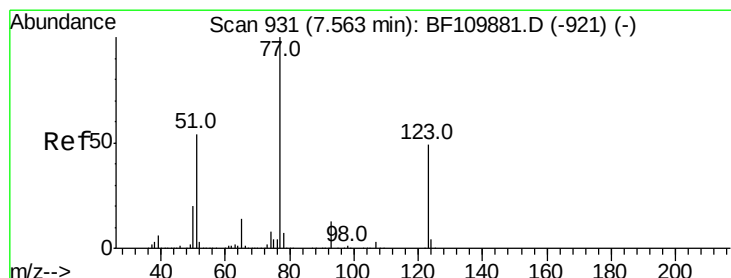
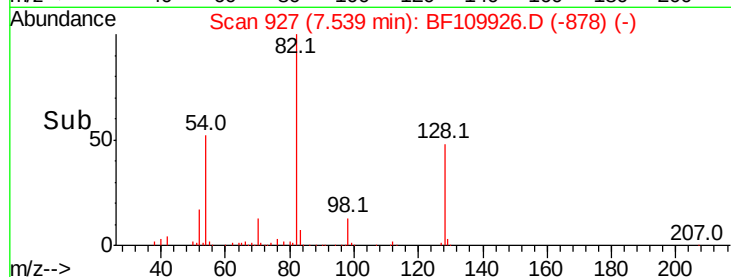
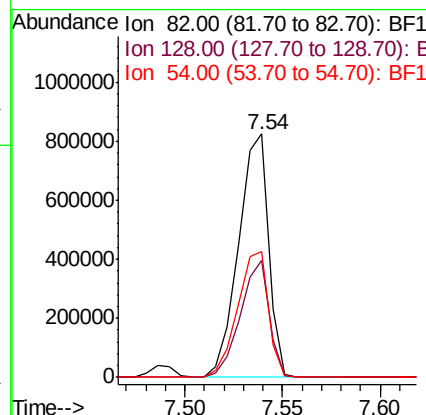
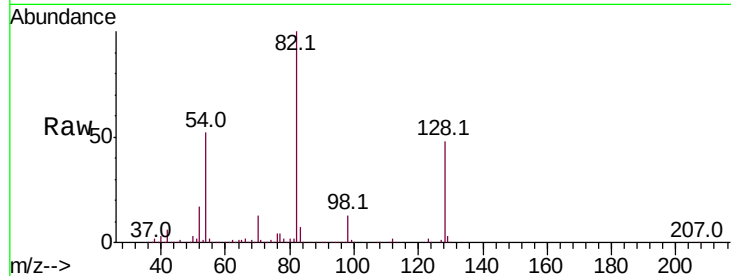
#23
Nitrobenzene-d5
Concen: 52.203 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampled :
PB113915BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.2	51.2
54	51.9	38.6	58.0

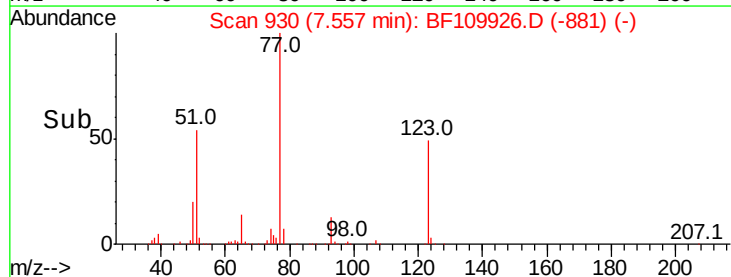
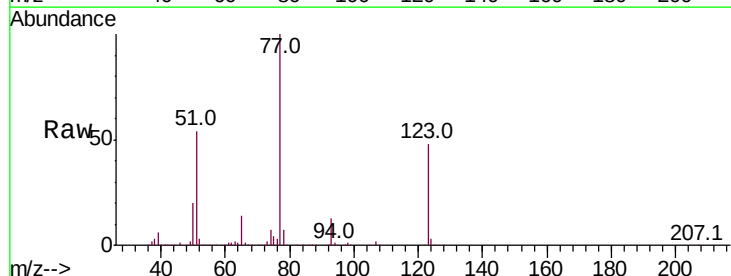
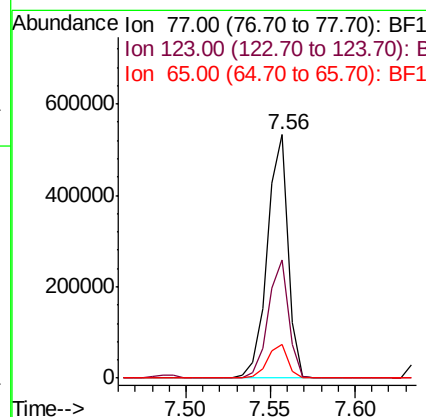
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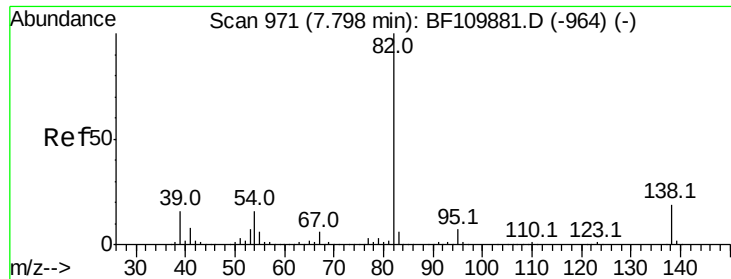
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#24
Nitrobenzene
Concen: 24.645 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	35.7	53.5
65	13.9	10.7	16.1





#25

Isophorone

Concen: 25.752 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

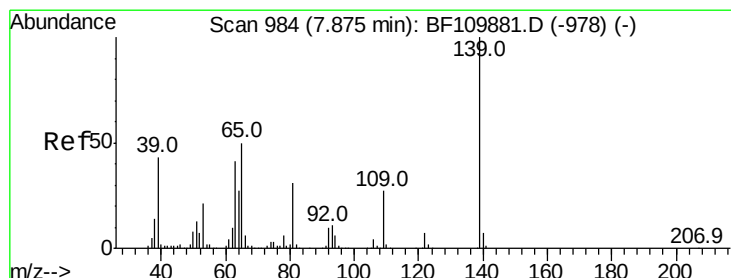
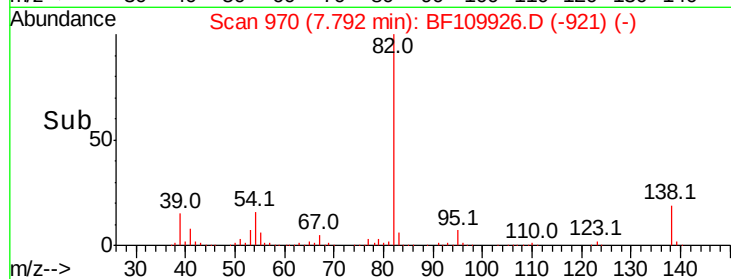
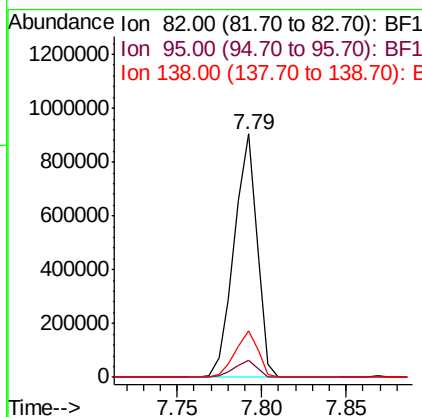
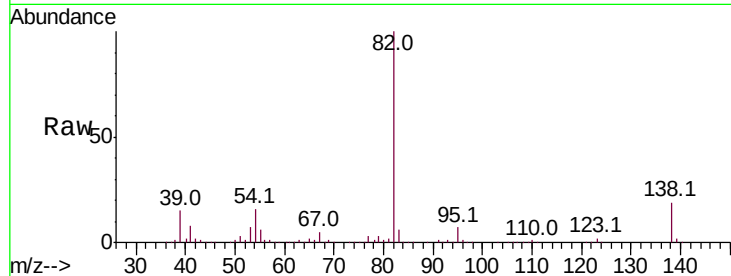
ClientSampleId :

PB113915BS

Tot Ion:	82	Resp:	854225
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.7	8.5
138	19.3	13.2	19.8

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#26

2-Nitrophenol

Concen: 26.767 ng

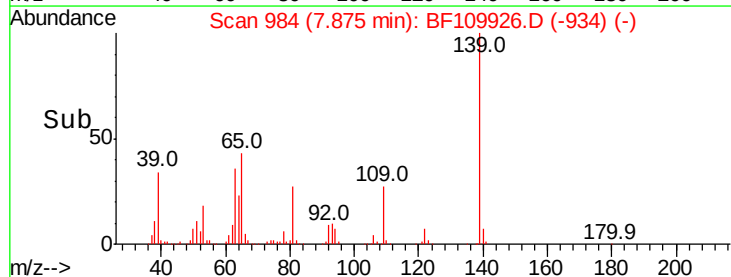
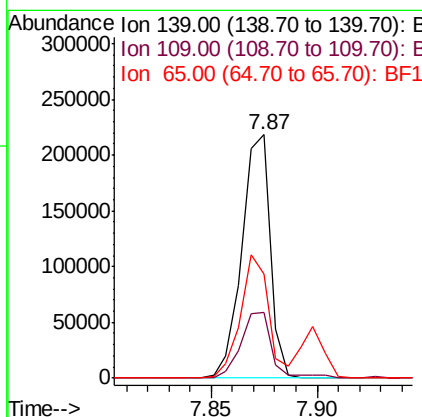
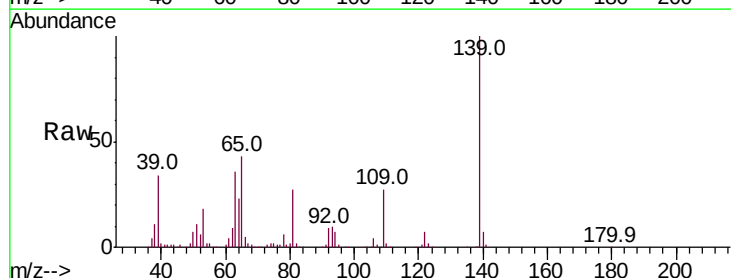
RT: 7.87 min Scan# 984

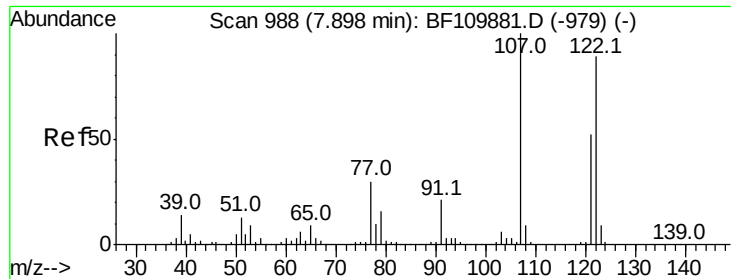
Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:	139	Resp:	203533
Ion Ratio	Lower	Upper	
139	100		
109	26.9	25.0	37.6
65	42.8	44.0	66.0#





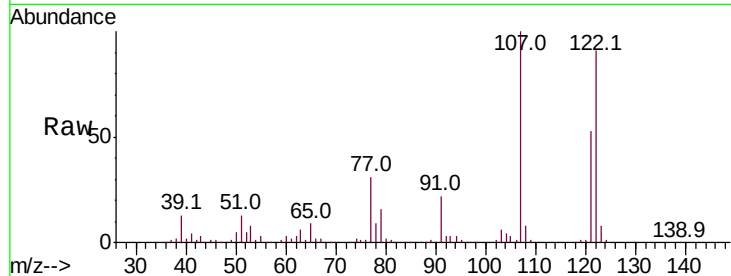
#27
2,4-Dimethylphenol
Concen: 26.448 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	92.5	138.7
121	58.5	45.8	68.8

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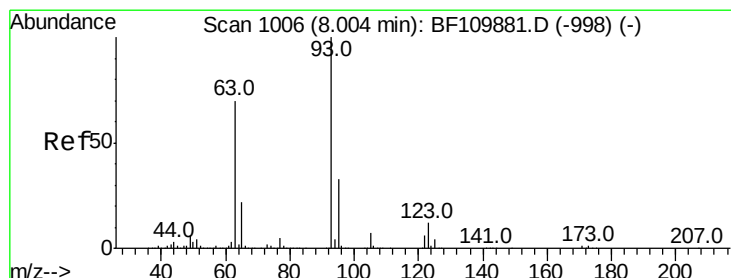
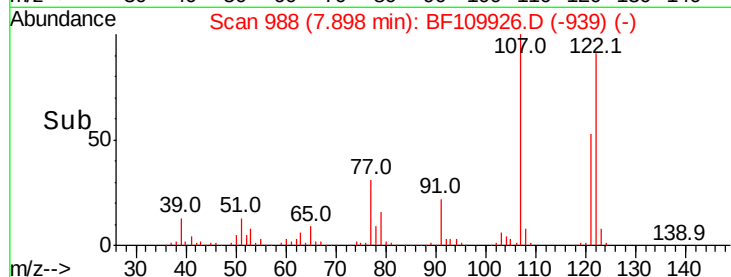
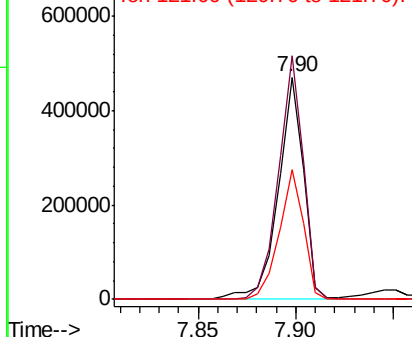


Abundance

Ion 122.00 (121.70 to 122.70): E

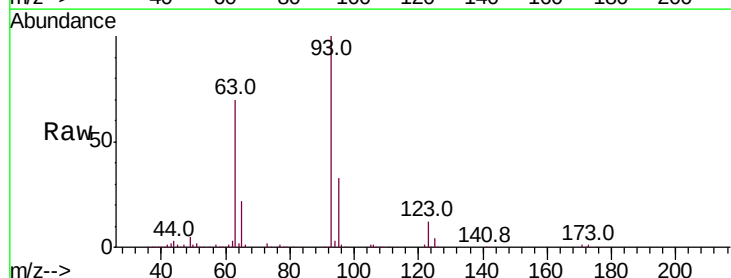
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 24.410 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.6	9.0	13.6

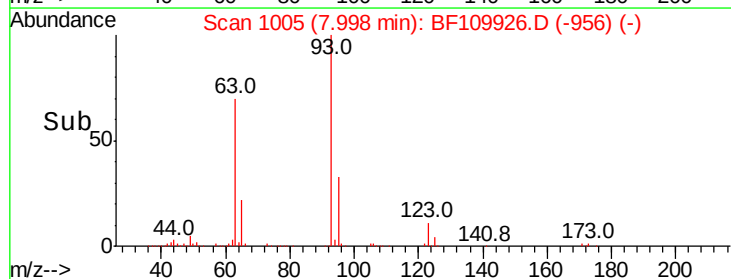
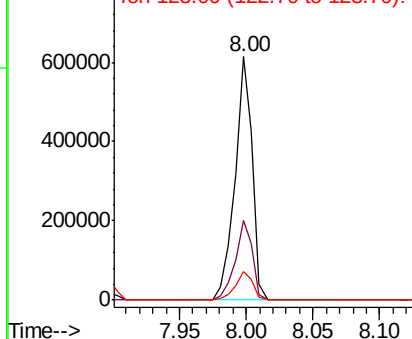


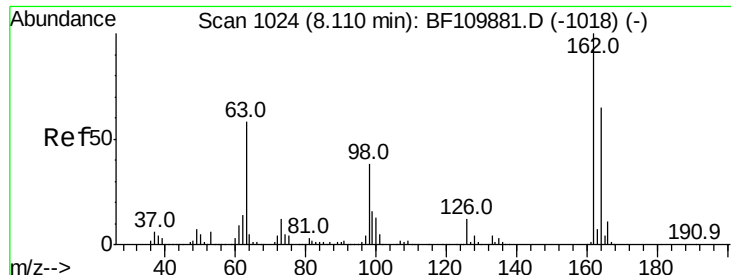
Abundance

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





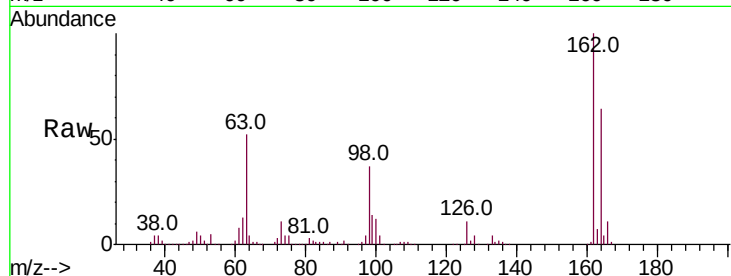
#29
2,4-Dichlorophenol
Concen: 24.239 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	375697		
164	63.9	44.6	84.6	
98	36.6	17.4	57.4	

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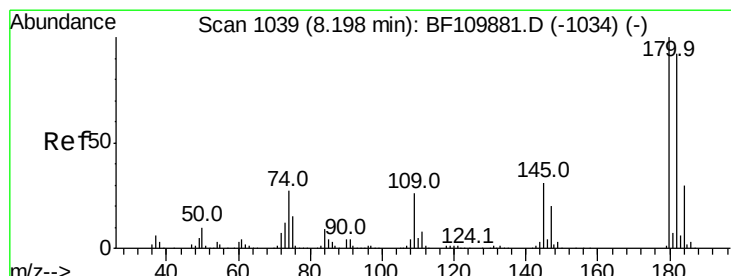
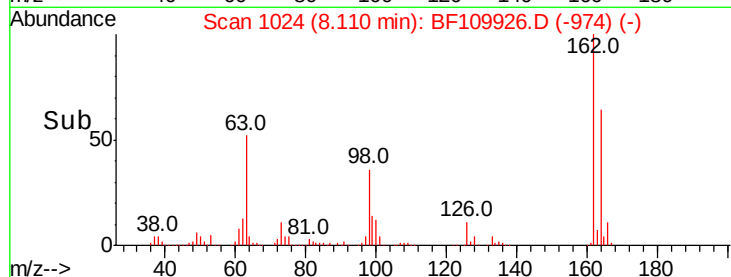
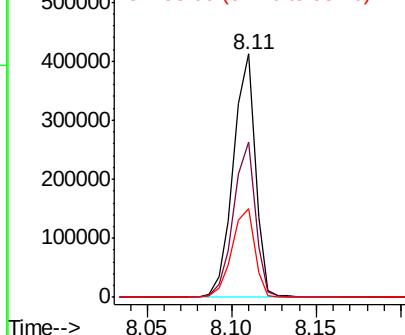


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 23.006 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

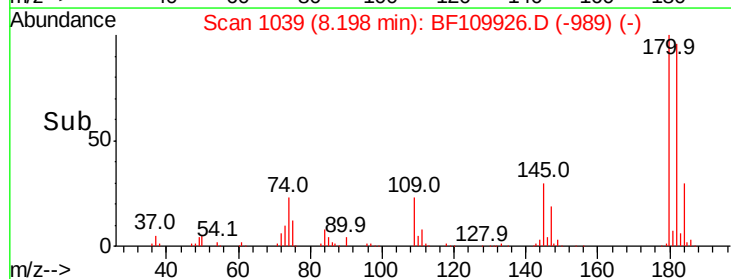
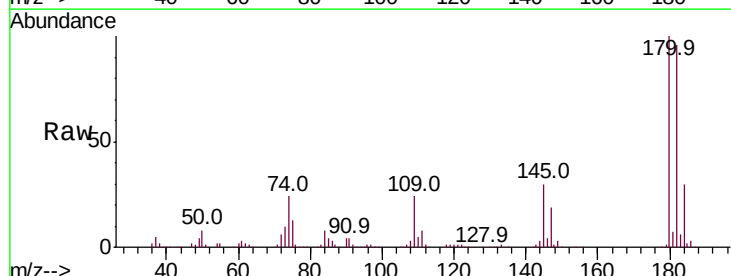
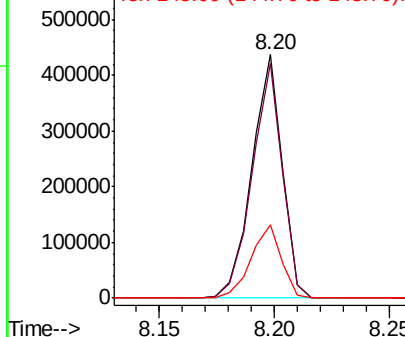
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	399263		
182	96.3	80.3	120.5	
145	30.3	25.4	38.0	

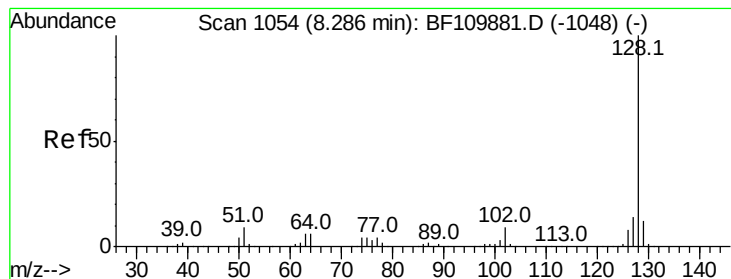
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.185 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

PB113915BS

Tot Ion:128 Resp: 1313357

Ion Ratio Lower Upper

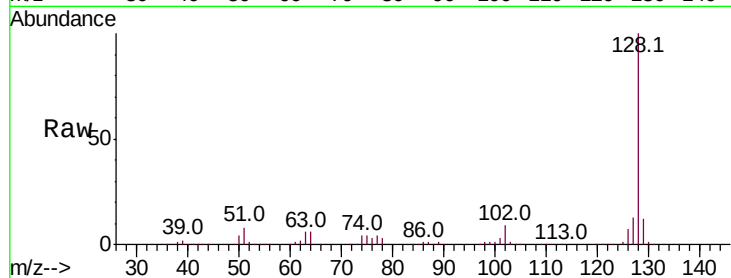
128 100

129 11.5 8.8 13.2

127 13.1 10.8 16.2

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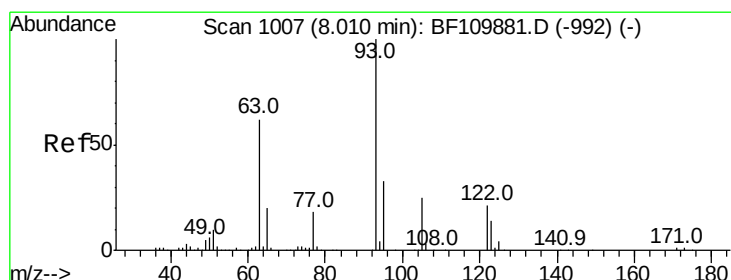
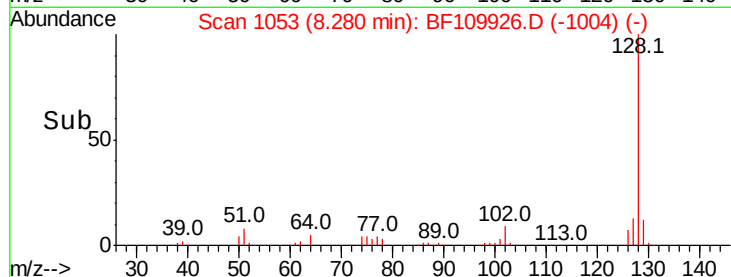
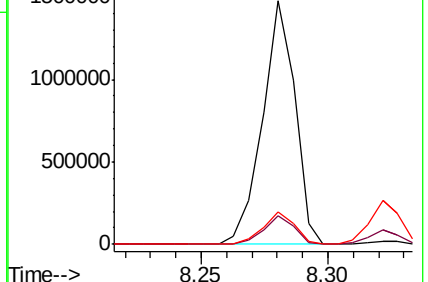
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.633 ng m

RT: 7.95 min Scan# 996

Delta R.T. -0.06 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

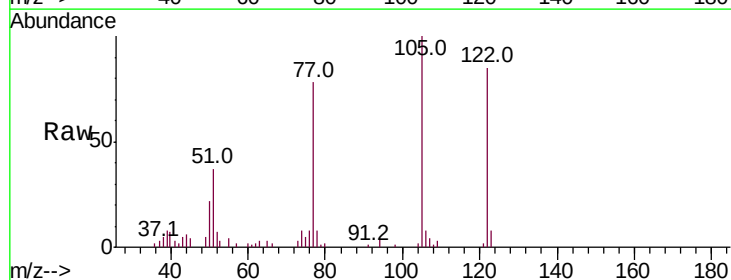
Tgt Ion:122 Resp: 56078

Ion Ratio Lower Upper

122 100

105 117.6 109.0 149.0

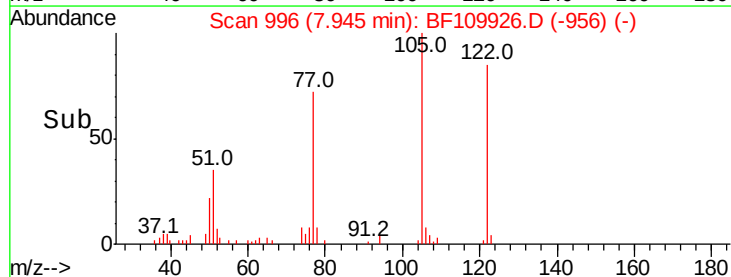
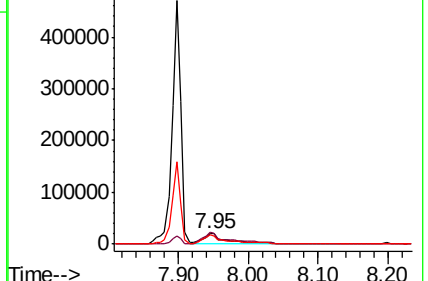
77 91.8 79.0 119.0

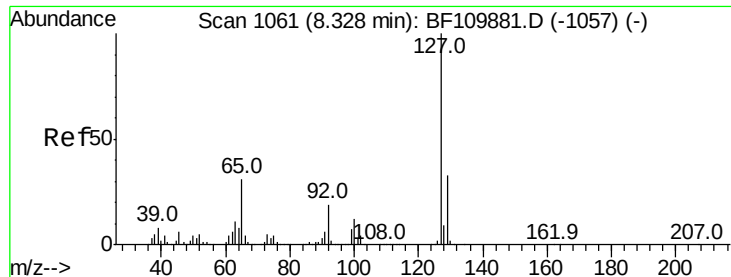


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





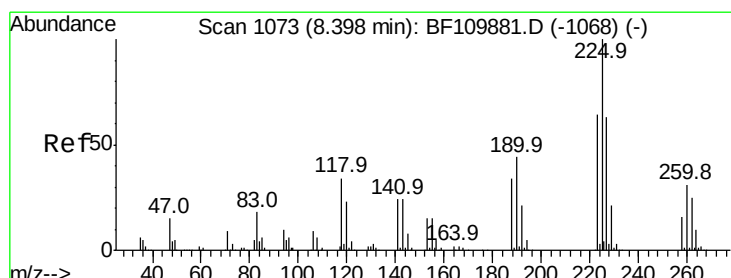
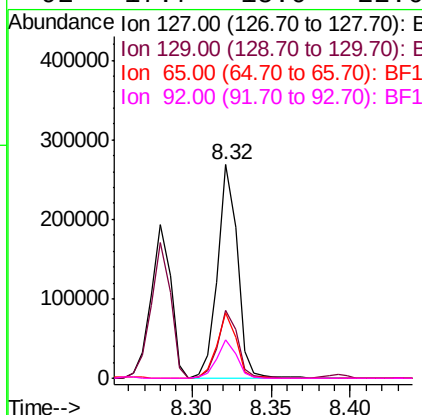
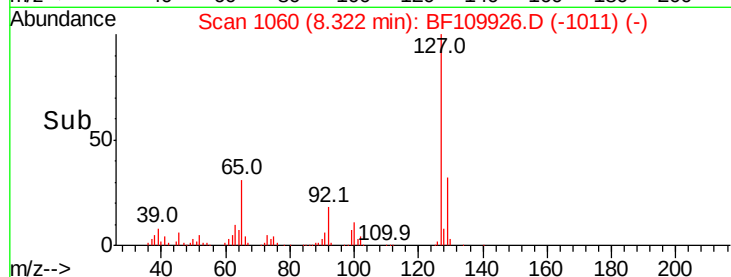
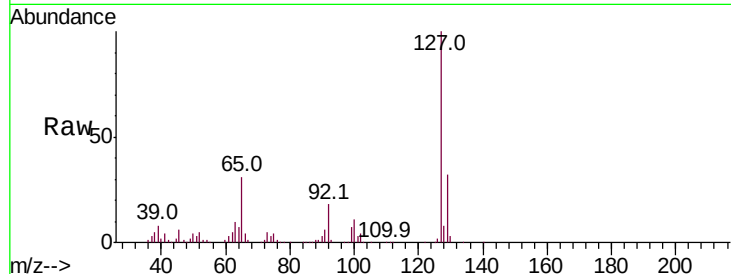
#33
4-Chloroaniline
Concen: 9.975 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.0	39.0		
65	30.6	25.1	37.7		
92	17.7	15.0	22.6		

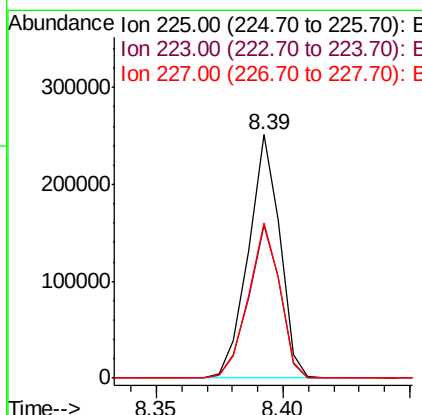
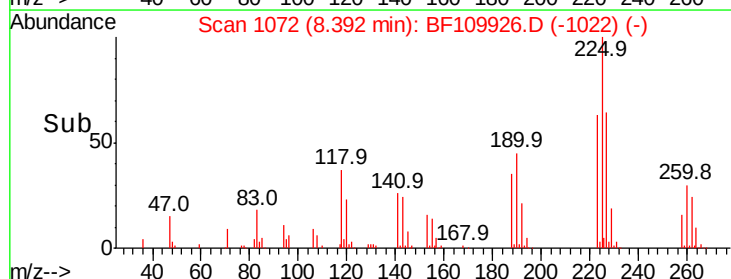
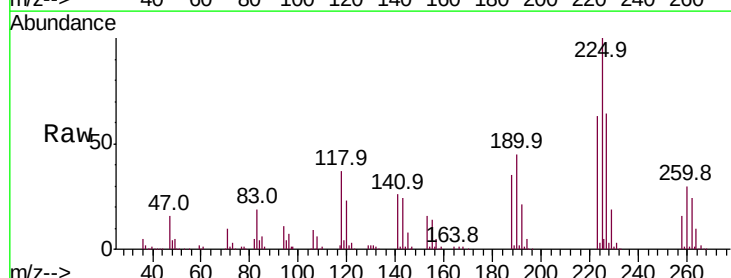
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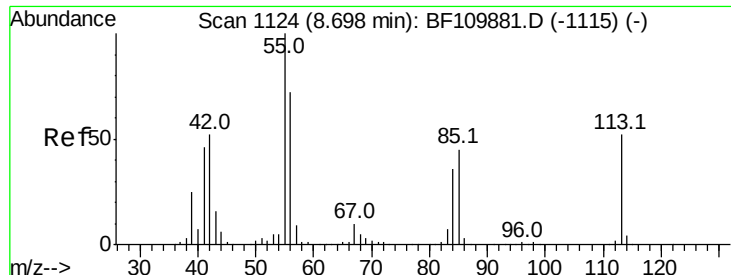
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#34
Hexachlorobutadiene
Concen: 22.696 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	51.4	77.2		
227	64.0	51.0	76.6		





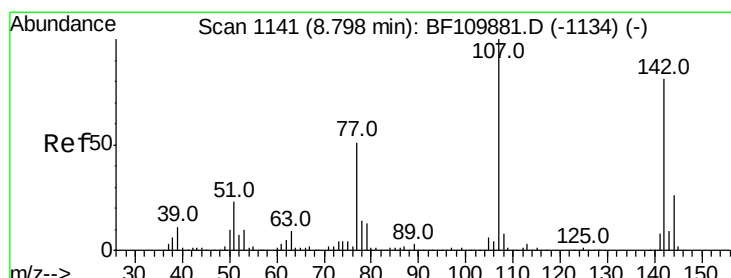
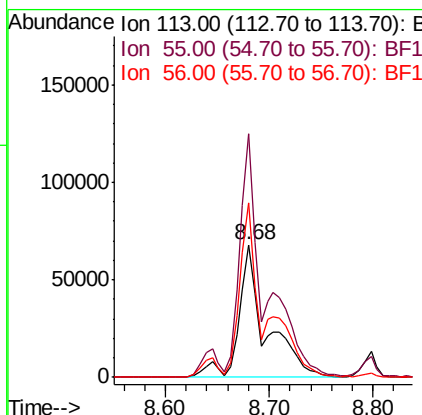
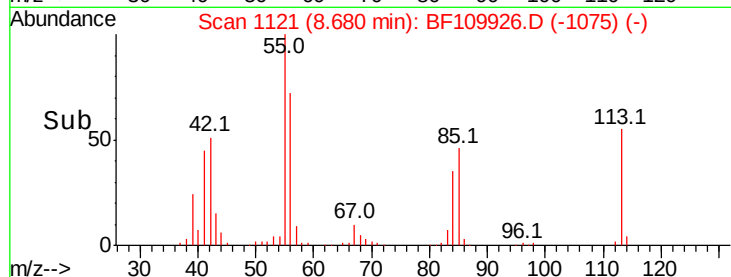
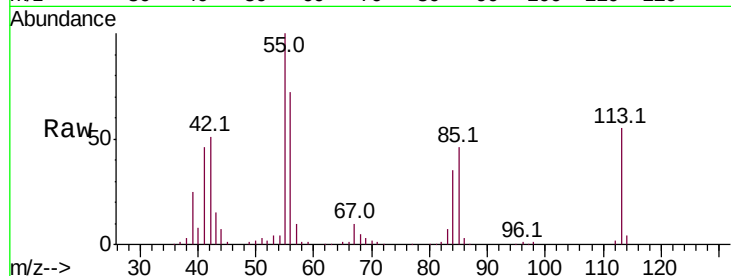
#35
 Caprolactam
 Concen: 22.352 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.03 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.3	142.8	182.8#
56	131.6	105.0	145.0

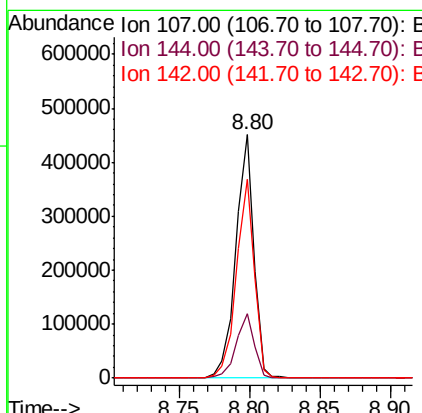
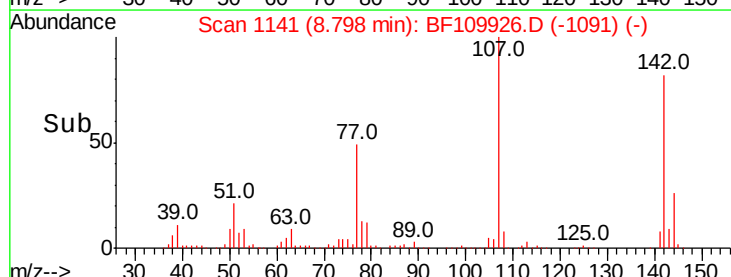
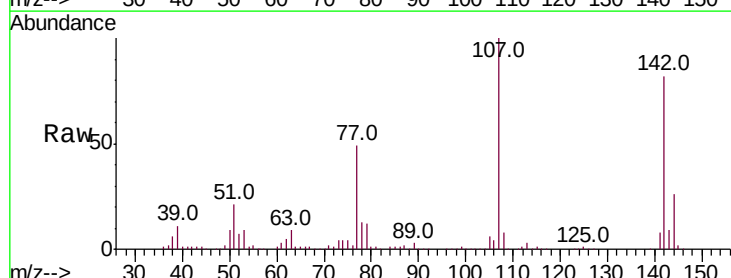
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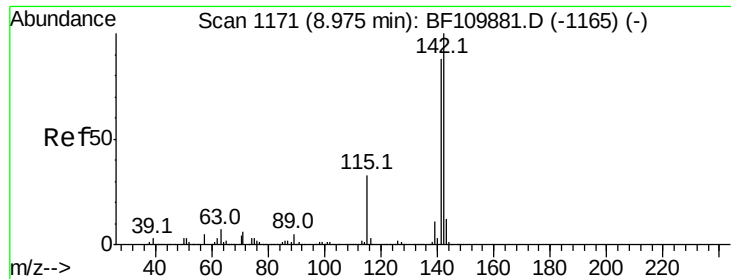
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#36
 4-Chloro-3-methylphenol
 Concen: 24.539 ng/ml
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.0	30.0
142	81.5	59.7	89.5





#37

2-Methylnaphthalene

Concen: 26.596 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF109926.D

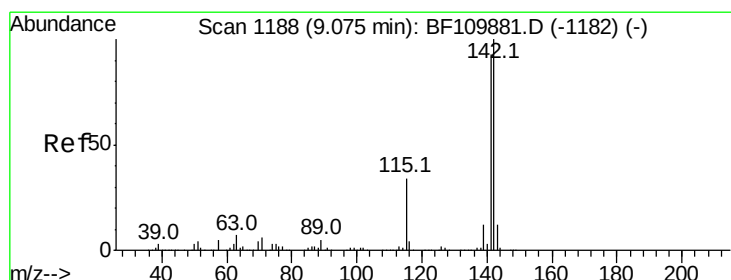
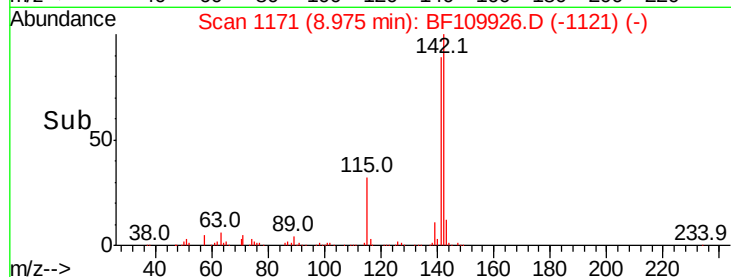
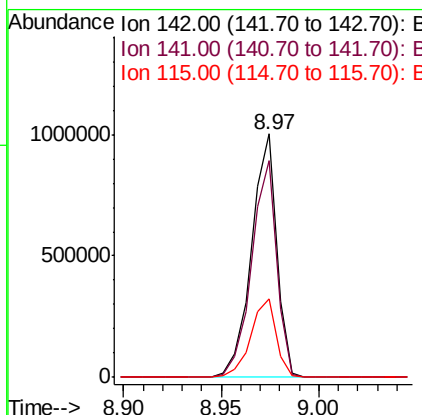
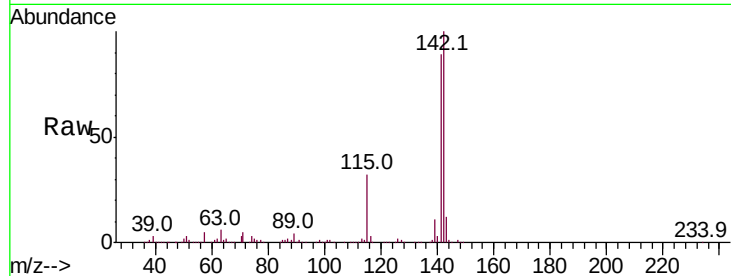
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	898100		
141	89.2	71.4	107.2	
115	32.0	28.7	43.1	

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#38

1-Methylnaphthalene

Concen: 26.120 ng

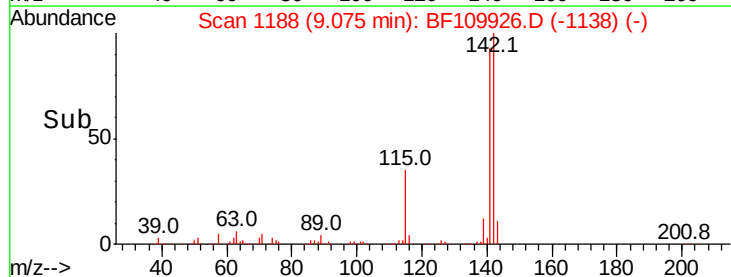
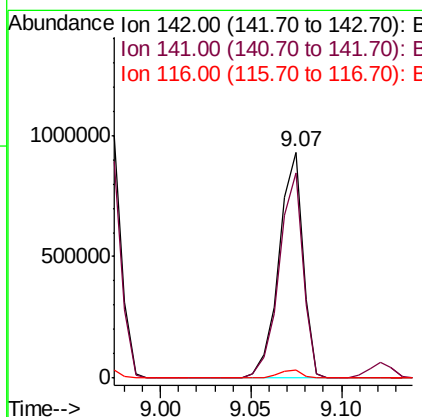
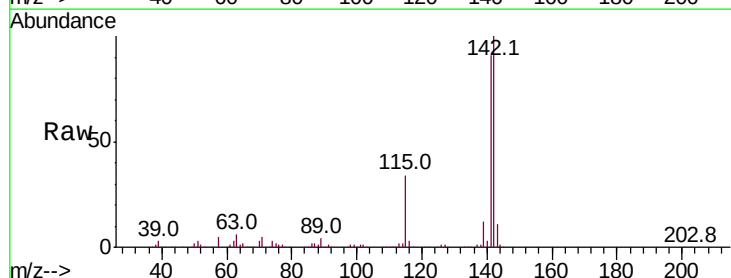
RT: 9.07 min Scan# 1188

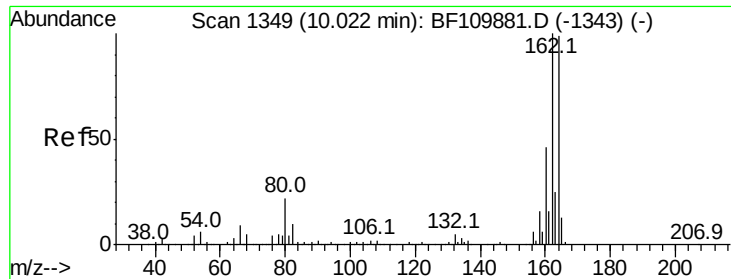
Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	854672		
141	90.8	74.2	111.4	
116	3.5	2.6	4.0	





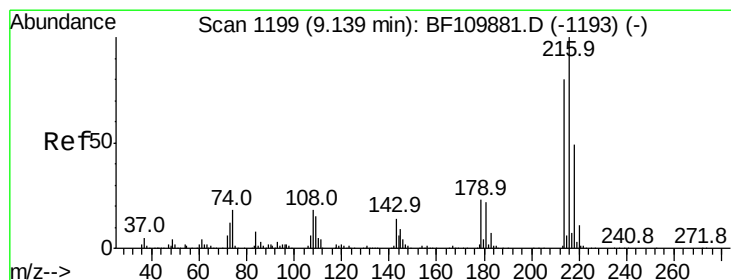
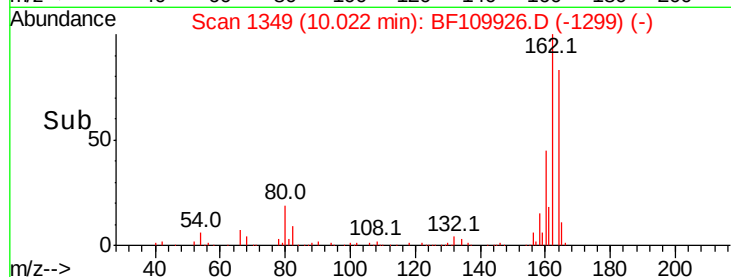
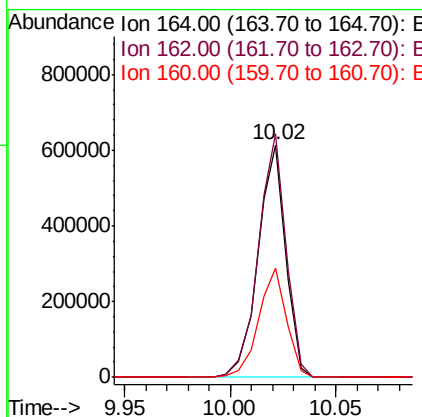
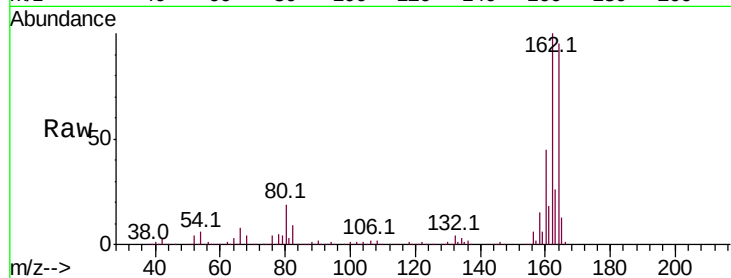
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.6
160	47.2	37.0	55.6

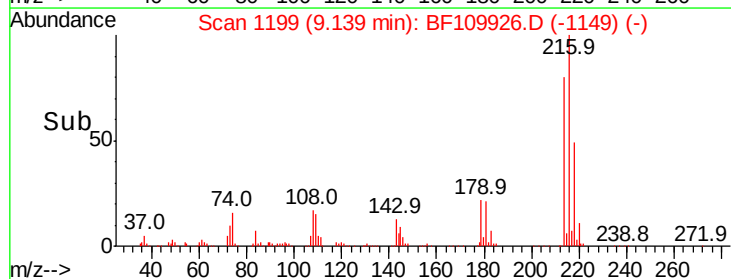
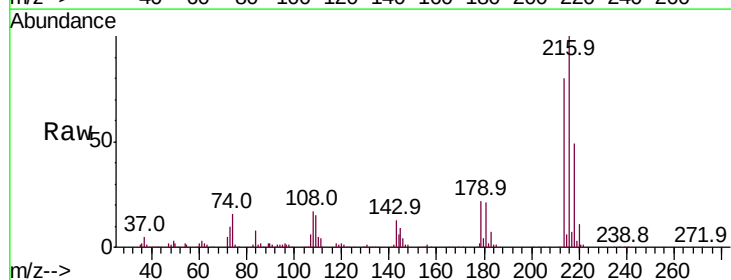
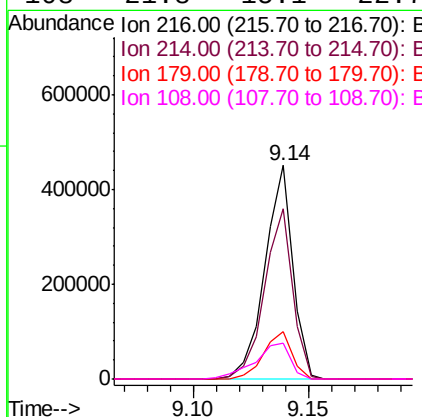
Manual Integrations
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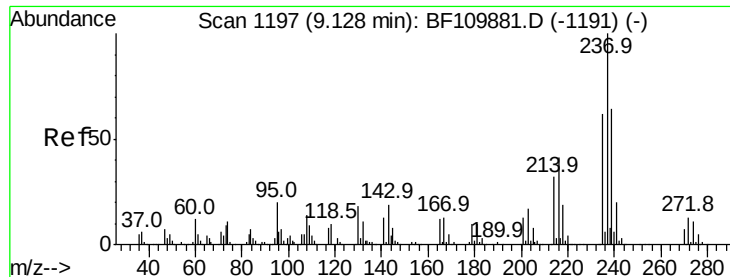
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 22.210 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.8	95.6
179	22.4	16.6	25.0
108	21.8	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 53.278 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

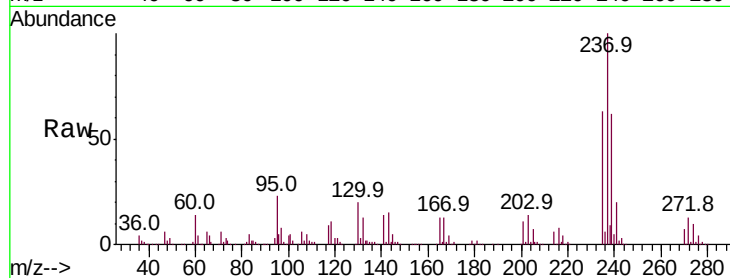
ClientSampleId :

PB113915BS

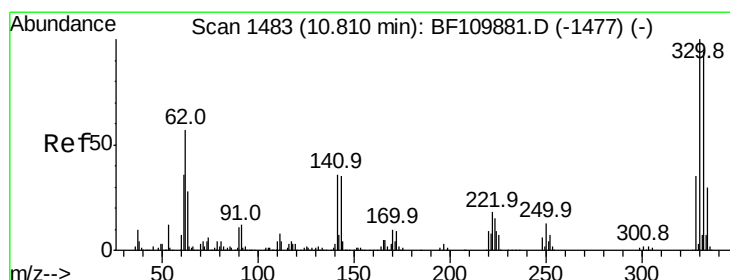
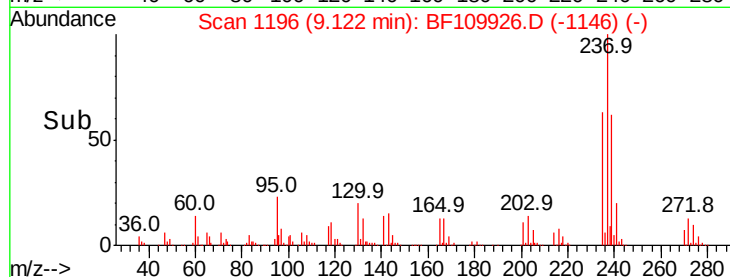
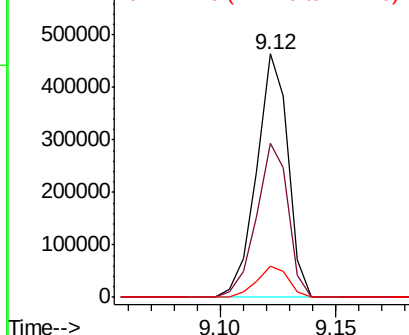
Tot Ion:	237	Resp:	440929
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.1	83.1
272	13.0	0.0	32.6

Manual Integrations
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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: 53.836 ng

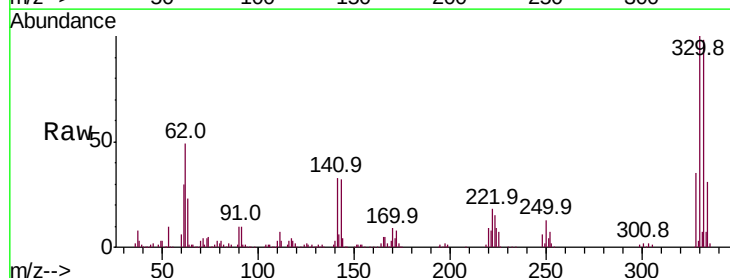
RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

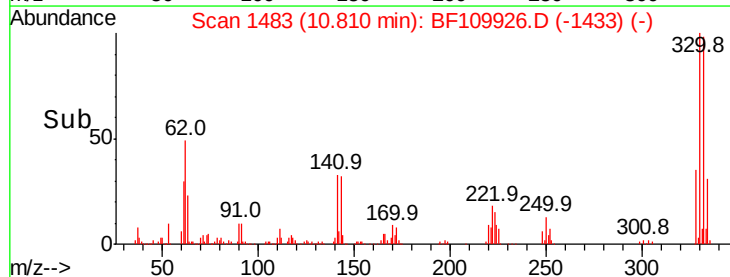
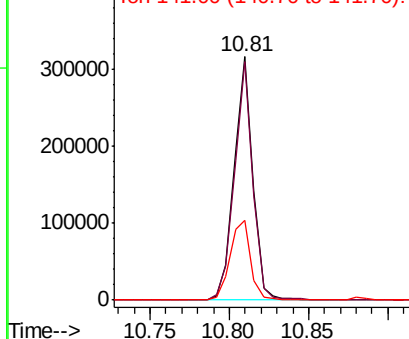
Lab File: BF109926.D

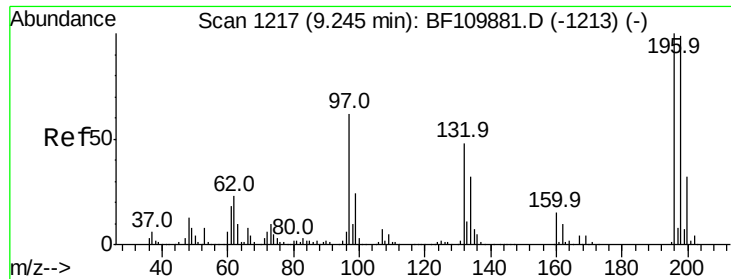
Acq: 17 Oct 2018 18:06

Tgt Ion:	330	Resp:	259474
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.1	115.7
141	35.7	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





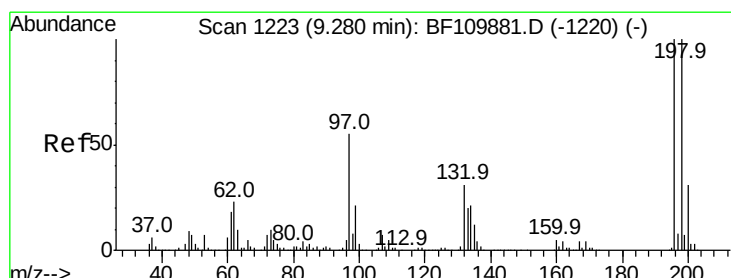
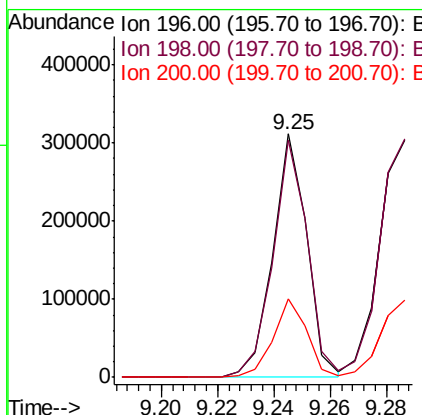
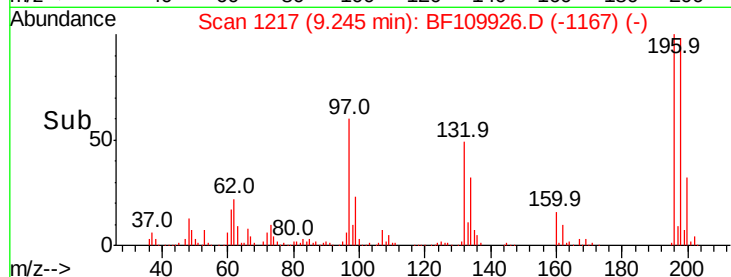
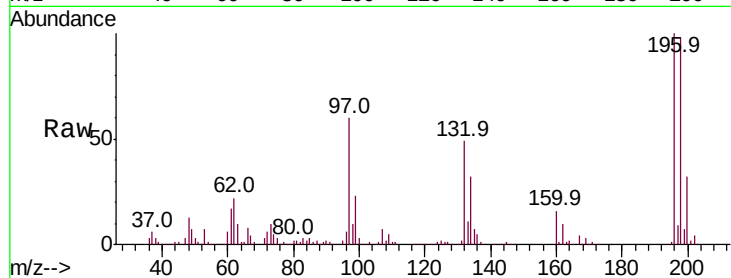
#43
 2,4,6-Trichlorophenol
 Concen: 24.299 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

Tot Ion:	196	Resp:	260522
Ion Ratio	Lower	Upper	
196	100		
198	97.7	76.2	114.4
200	32.4	24.4	36.6

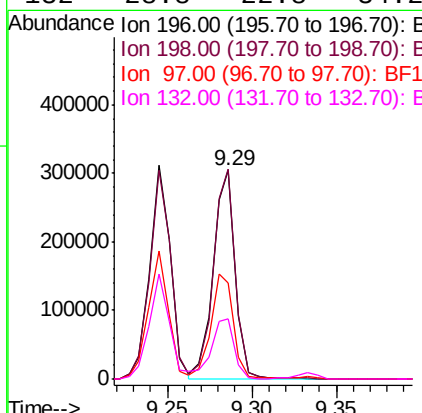
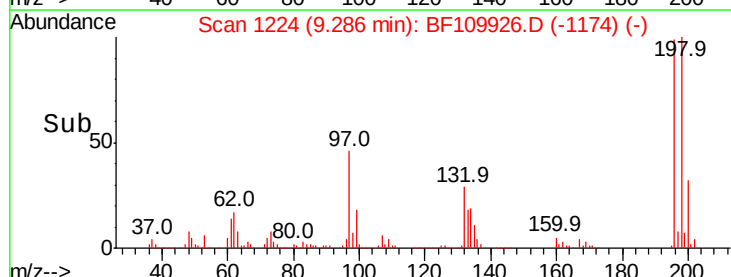
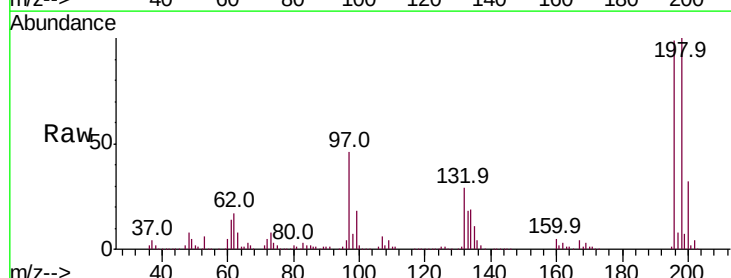
Manual Integrations
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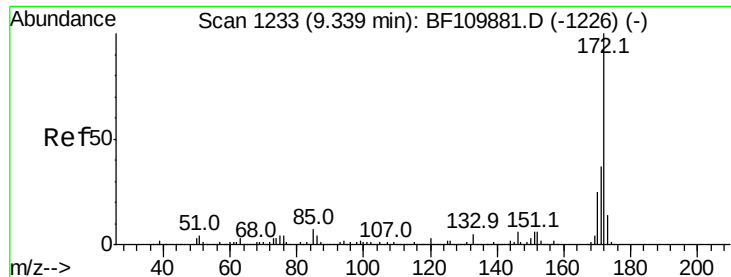
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 24.855 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:	196	Resp:	276575
Ion Ratio	Lower	Upper	
196	100		
198	100.8	75.8	113.6
97	45.9	42.4	63.6
132	28.8	22.8	34.2





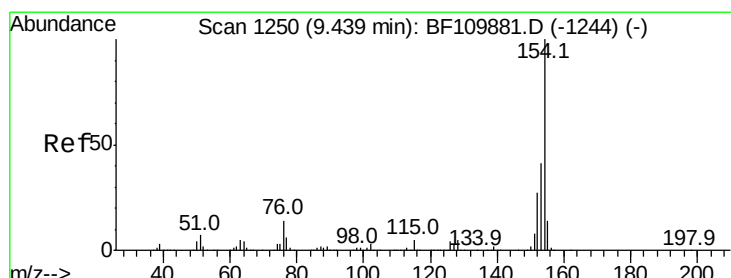
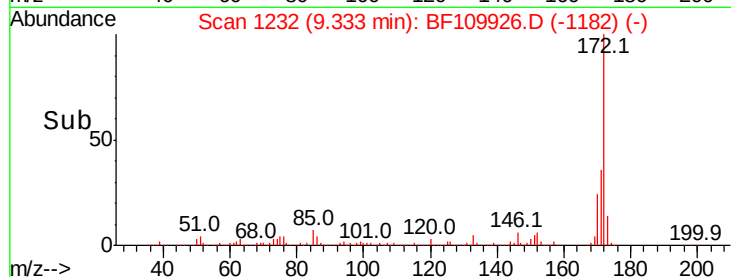
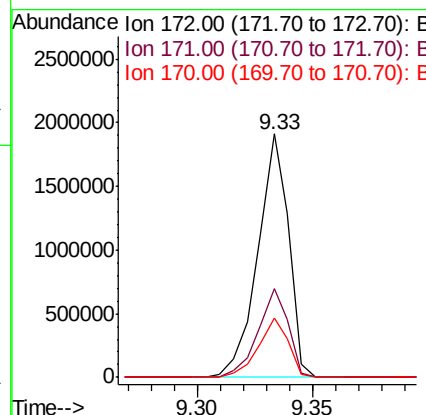
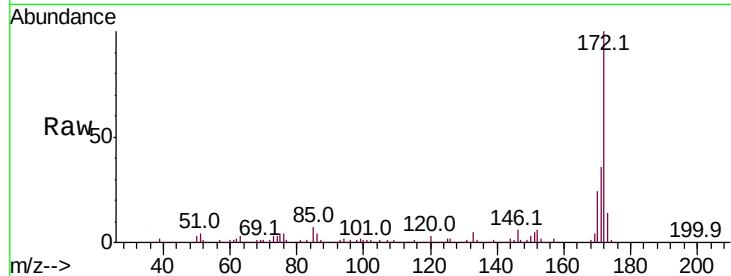
#45
2-Fluorobiphenyl
Concen: 50.980 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion:172 Resp: 1778575
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.5 19.7 29.5

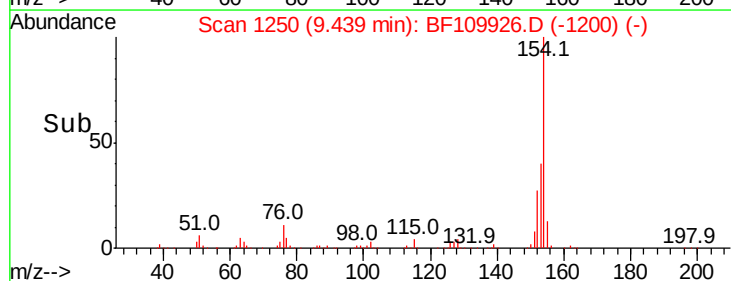
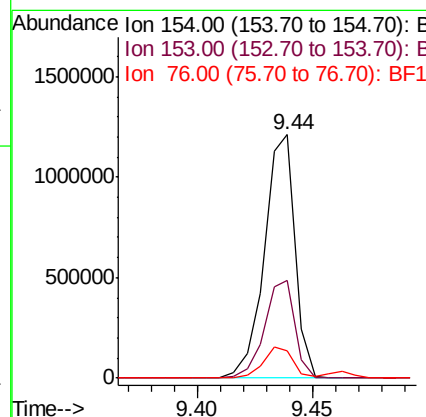
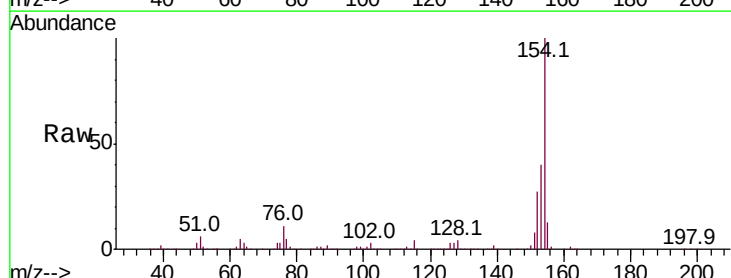
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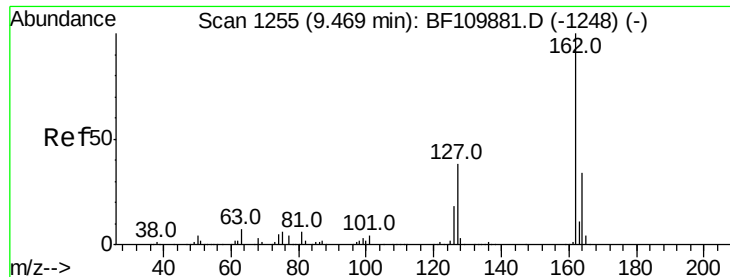
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#46
1,1'-Biphenyl
Concen: 22.528 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion:154 Resp: 1117365
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.1 0.0 31.9





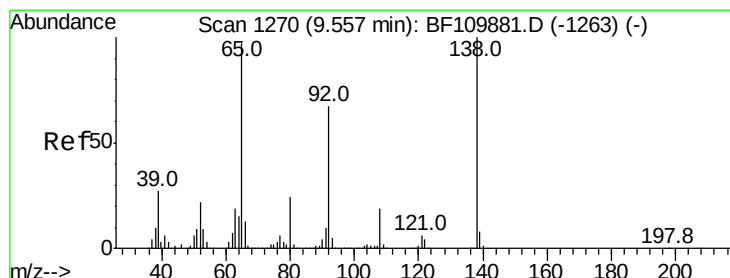
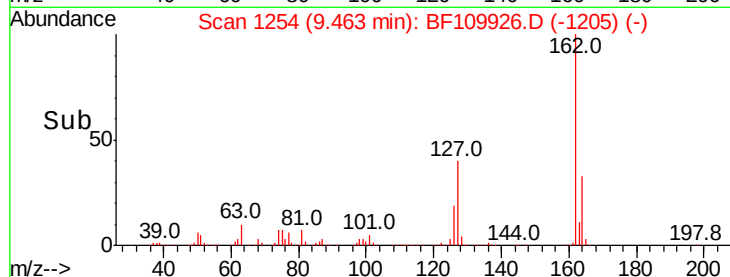
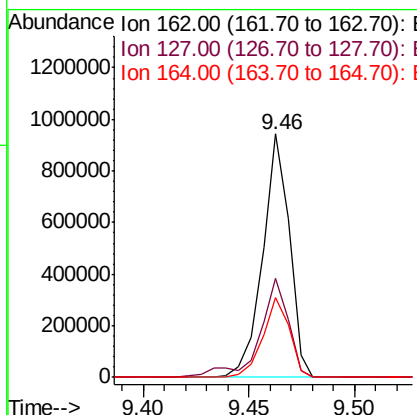
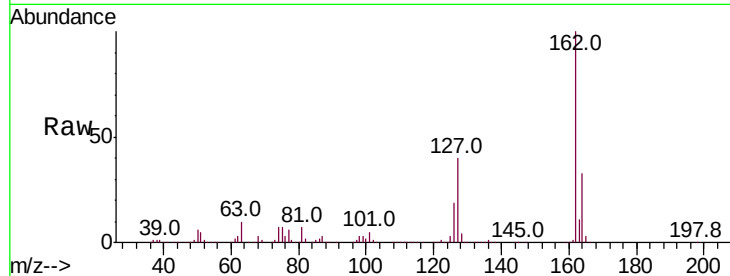
#47
 2-Chloronaphthalene
 Concen: 22.741 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		830812		
127	40.4	32.6	48.8		
164	32.8	25.9	38.9		

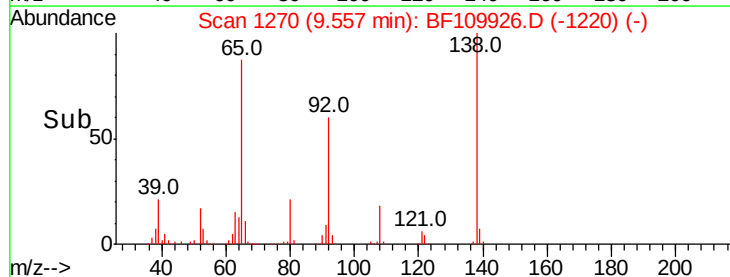
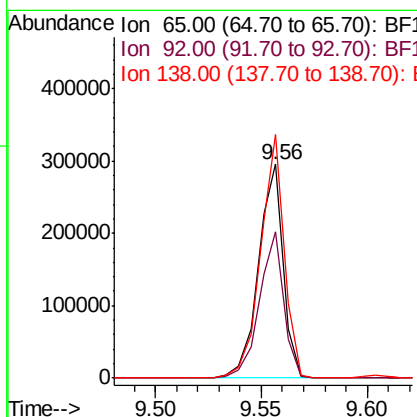
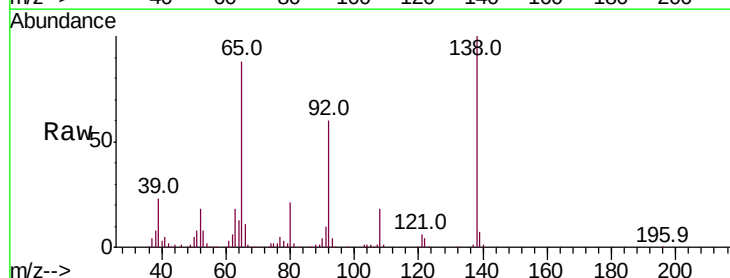
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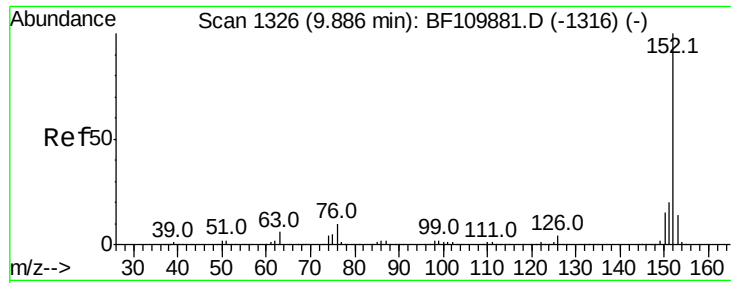
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#48
 2-Nitroaniline
 Concen: 25.732 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		241255		
92	68.3	54.6	81.8		
138	113.9	80.3	120.5		





#49

Acenaphthylene

Concen: 24.896 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

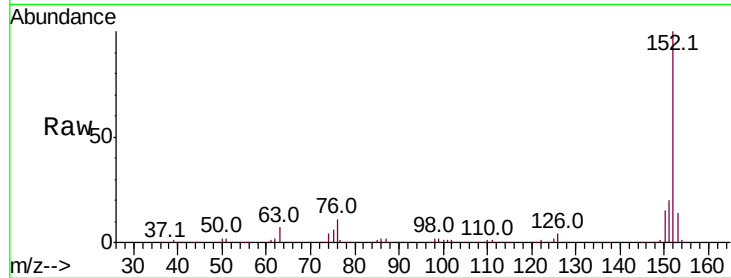
ClientSampleId :

PB113915BS

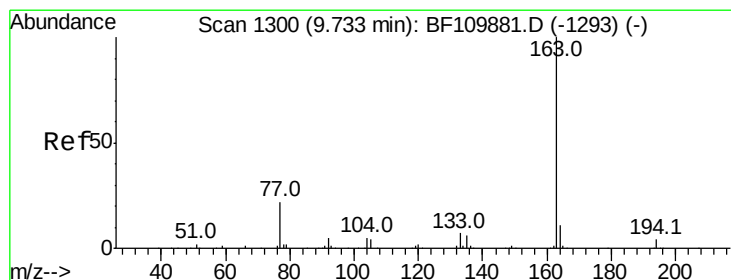
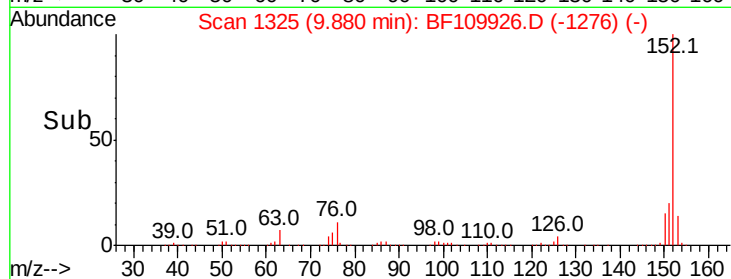
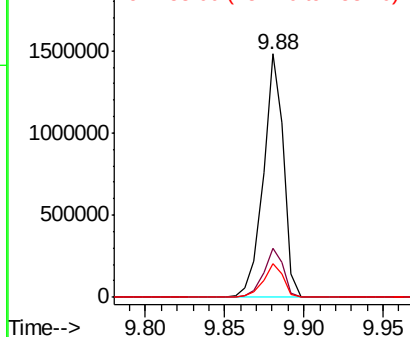
Tot Ion:	152	Resp:	1321344
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	14.1	10.4	15.6

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 24.381 ng

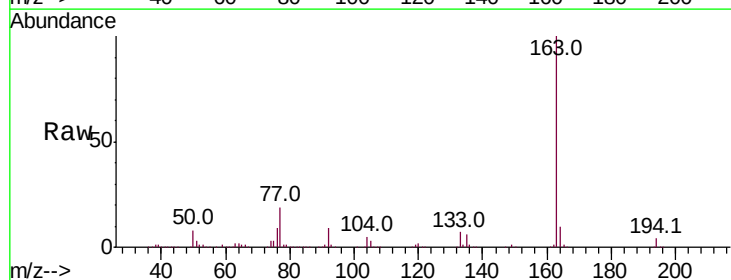
RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

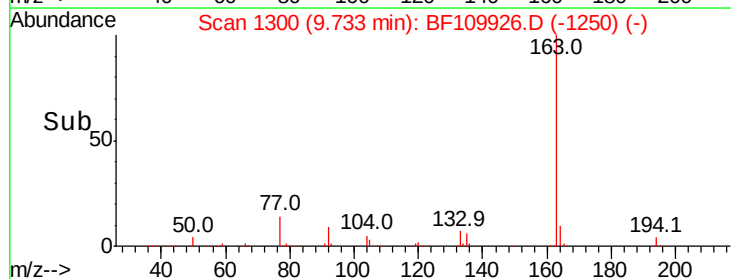
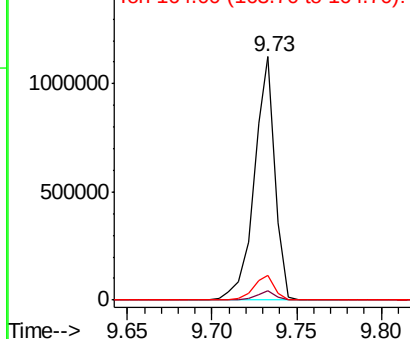
Lab File: BF109926.D

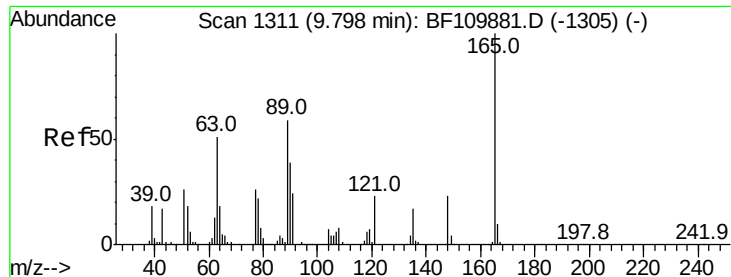
Acq: 17 Oct 2018 18:06

Tgt Ion:	163	Resp:	961066
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.1	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





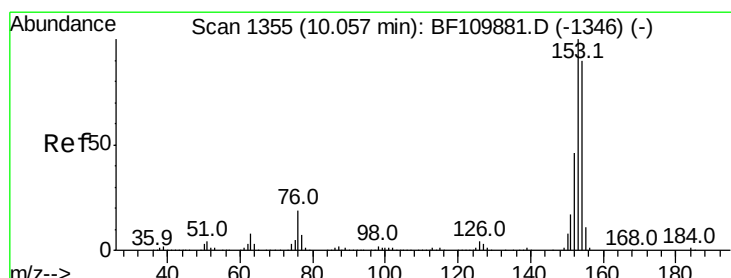
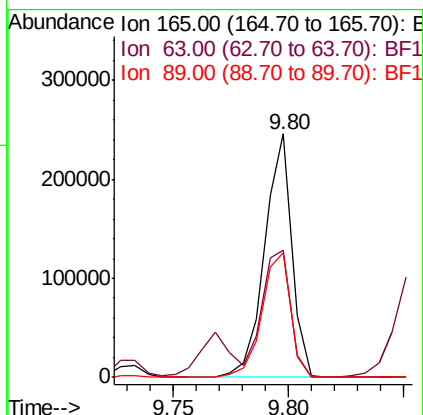
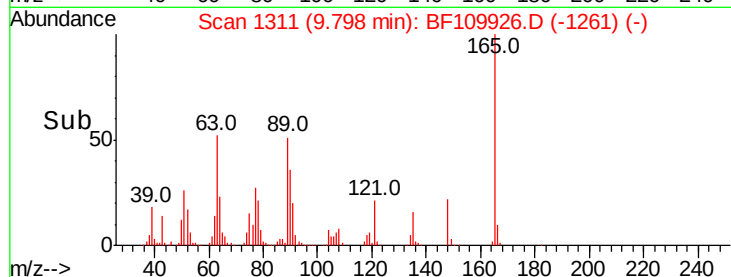
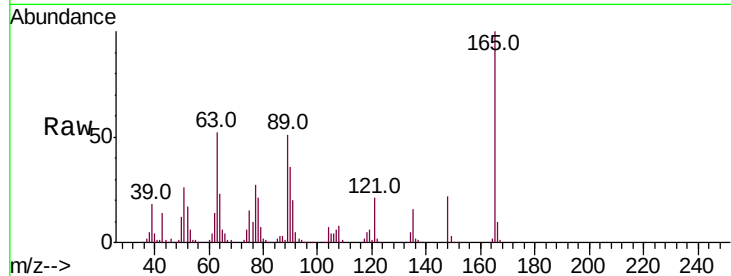
#51
2,6-Dinitrotoluene
Concen: 26.981 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	202003		
63	52.5	48.9	73.3	
89	51.3	46.6	69.8	

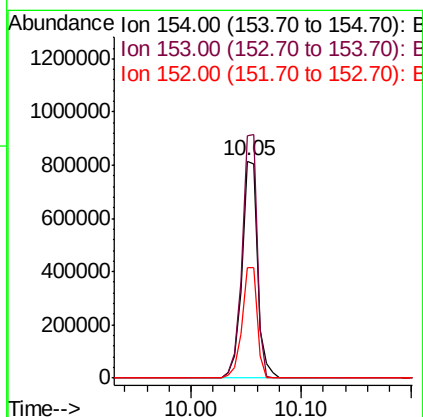
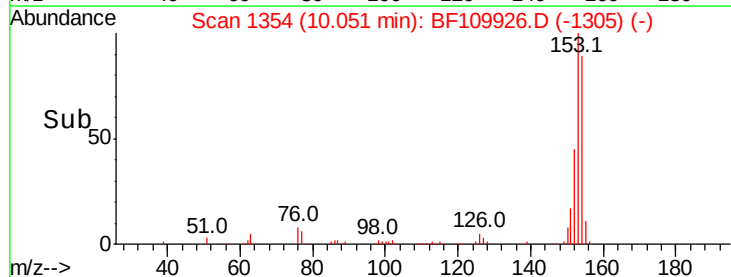
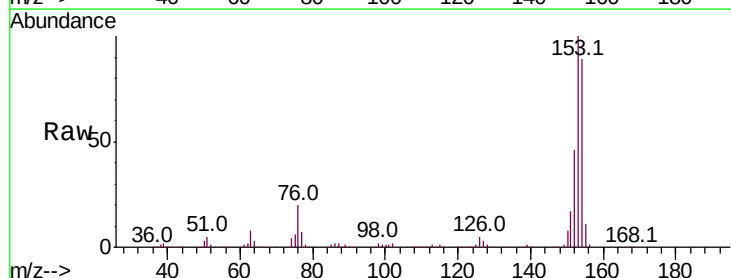
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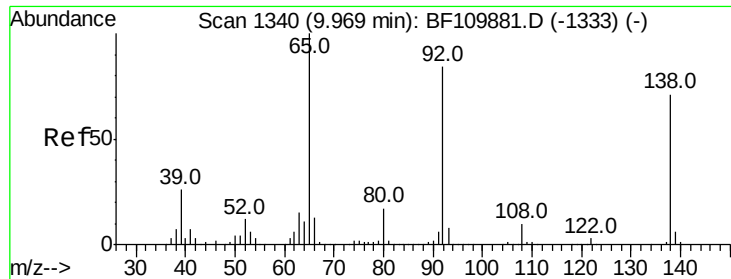
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#52
Acenaphthene
Concen: 24.185 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	817204		
153	111.9	90.1	135.1	
152	50.9	43.4	65.2	





#53

3-Nitroaniline

Concen: 15.250 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

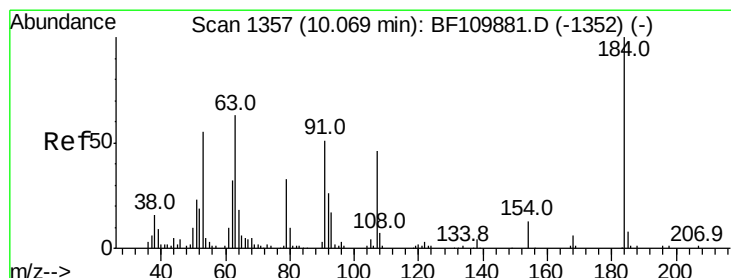
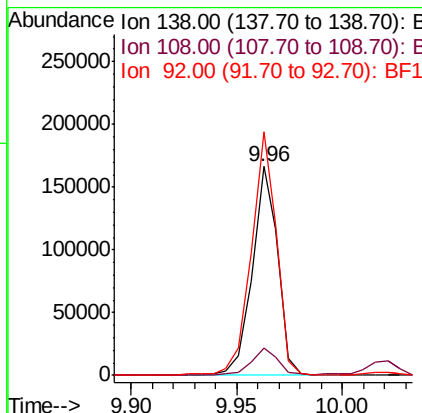
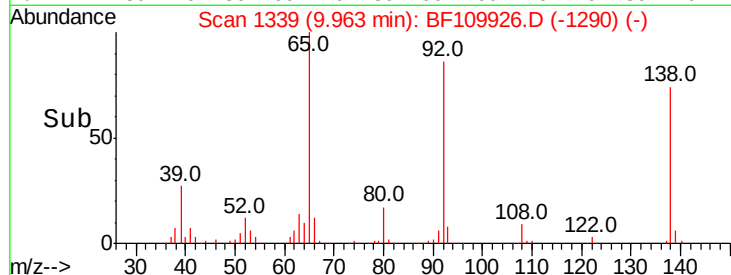
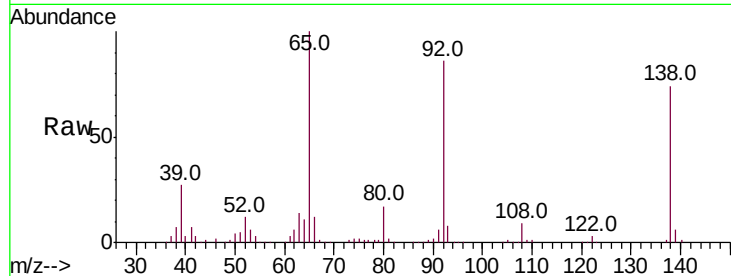
ClientSampled :

PB113915BS

Tot Ion:	138	Resp:	138886
Ion Ratio	Lower	Upper	
138	100		
108	12.8	8.7	13.1
92	116.6	97.0	145.4

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 29.020 ng

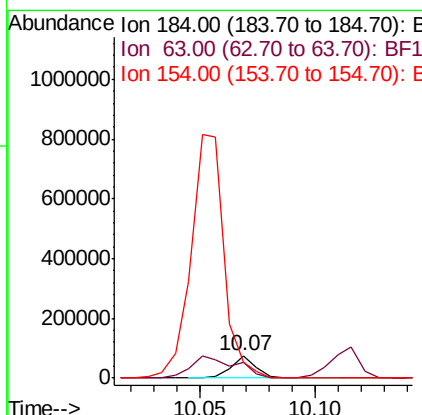
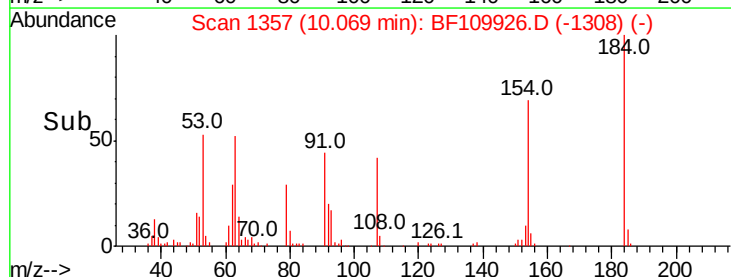
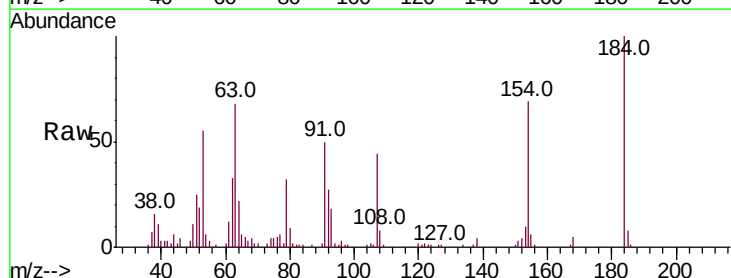
RT: 10.07 min Scan# 1357

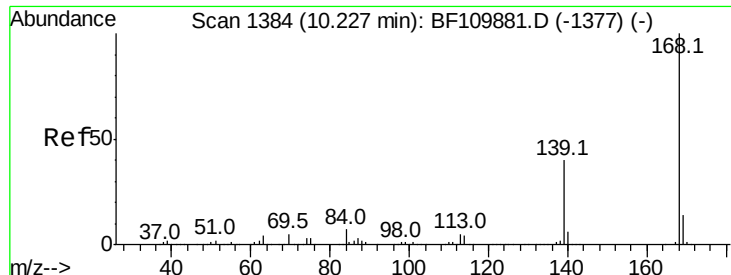
Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:	184	Resp:	53977
Ion Ratio	Lower	Upper	
184	100		
63	68.1	55.8	83.6
154	69.3	63.2	94.8





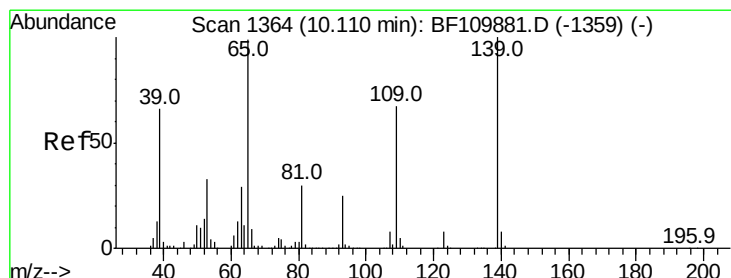
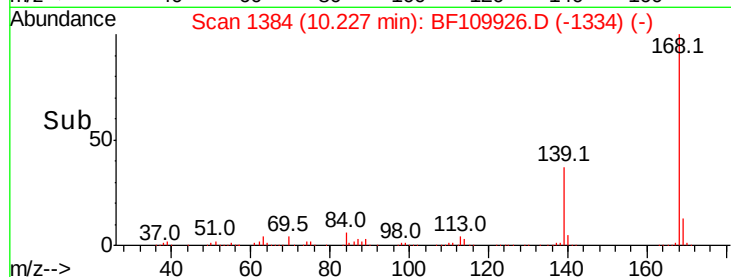
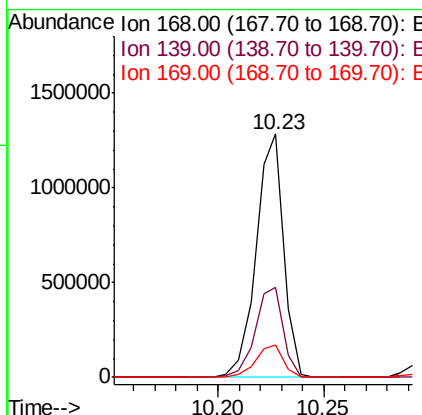
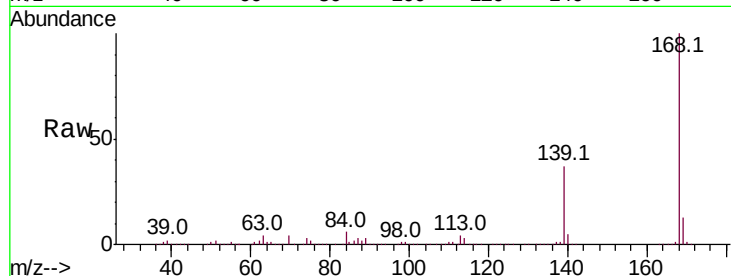
#55
Dibenzenofuran
Concen: 24.072 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion:168 Resp: 1160034
Ion Ratio Lower Upper
168 100
139 36.9 33.0 49.6
169 13.3 11.3 16.9

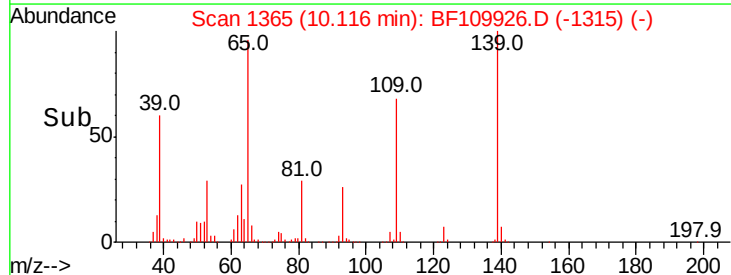
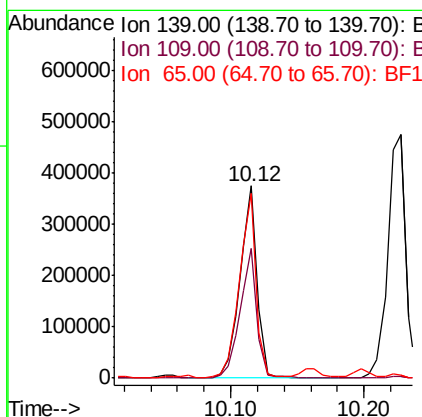
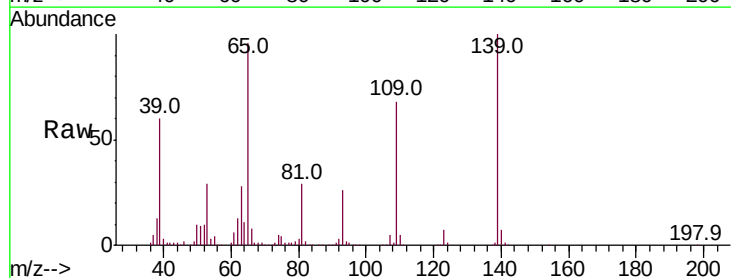
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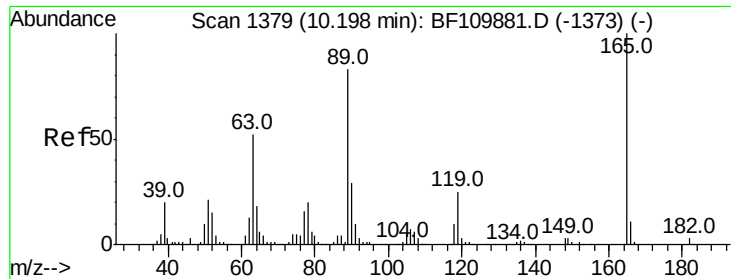
Sohil
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#56
4-Nitrophenol
Concen: 48.467 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion:139 Resp: 336805
Ion Ratio Lower Upper
139 100
109 67.8 55.8 95.8
65 96.3 77.9 117.9





#57

2,4-Dinitrotoluene

Concen: 28.803 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

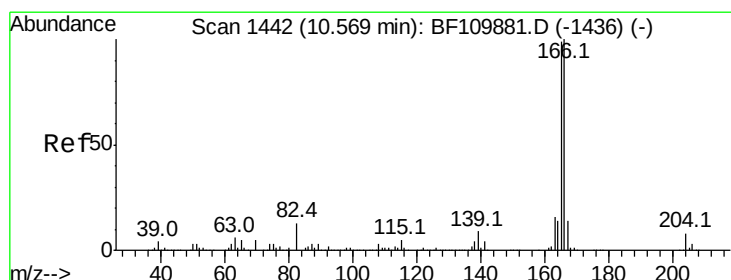
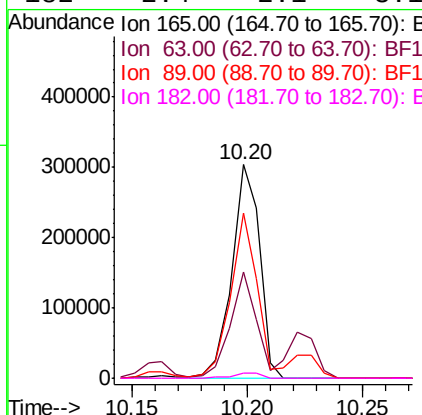
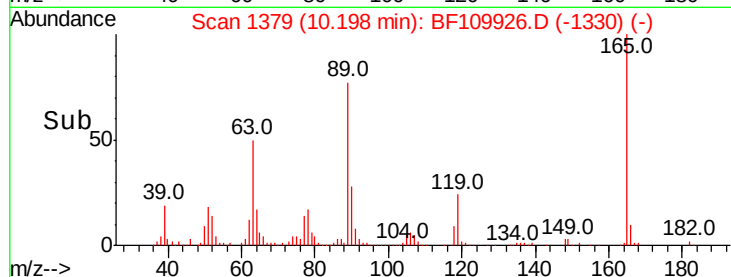
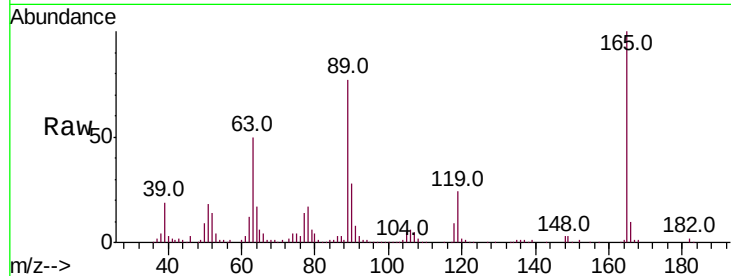
ClientSampleId :

PB113915BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	253244		
63	49.8	44.8	67.2	
89	77.1	62.2	93.4	
182	2.4	2.1	3.1	

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#58

Fluorene

Concen: 25.932 ng

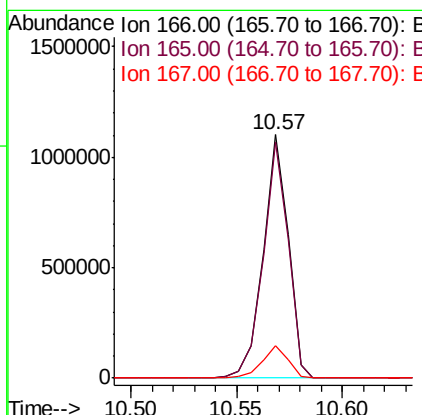
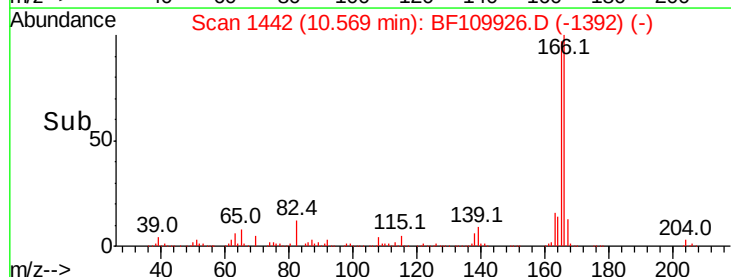
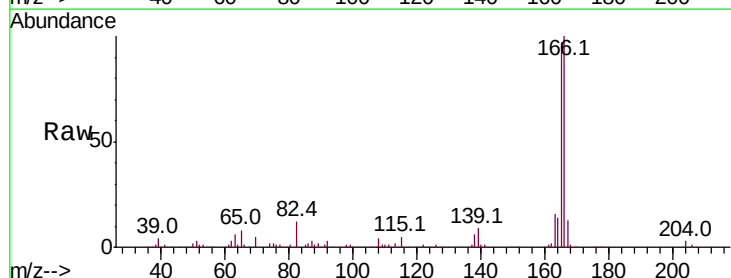
RT: 10.57 min Scan# 1442

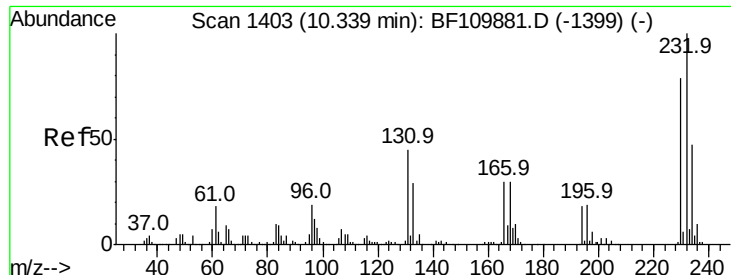
Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	909685		
165	97.1	78.6	117.8	
167	13.4	10.8	16.2	





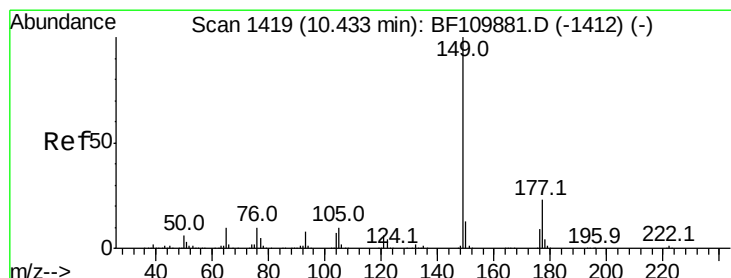
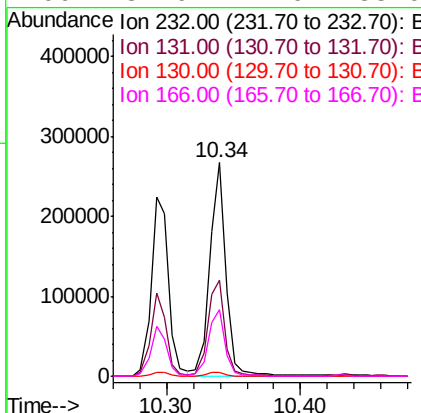
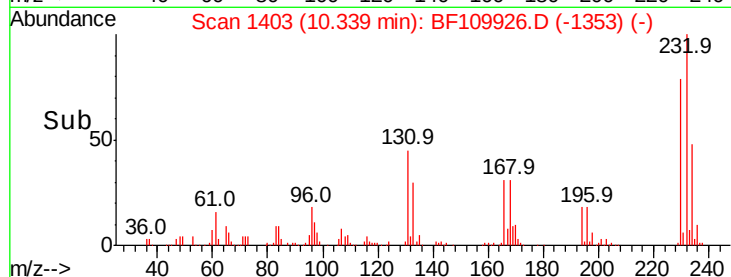
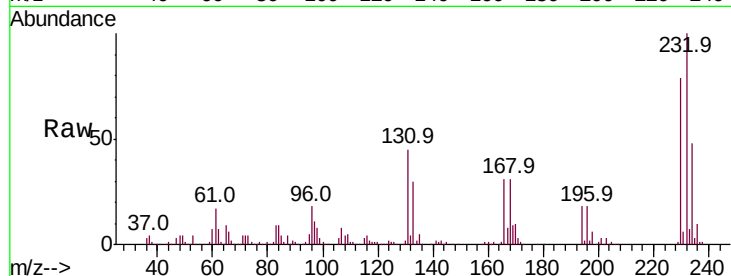
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 25.632 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.0	55.4
130	2.1	1.8	2.6
166	31.6	22.0	33.0

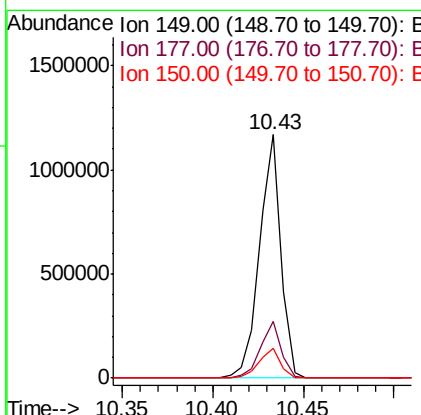
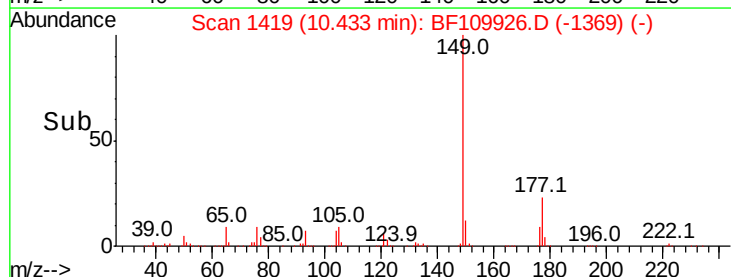
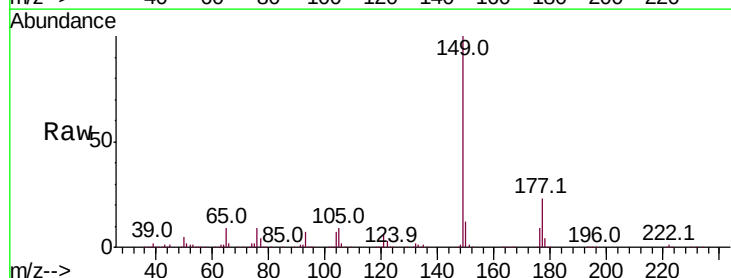
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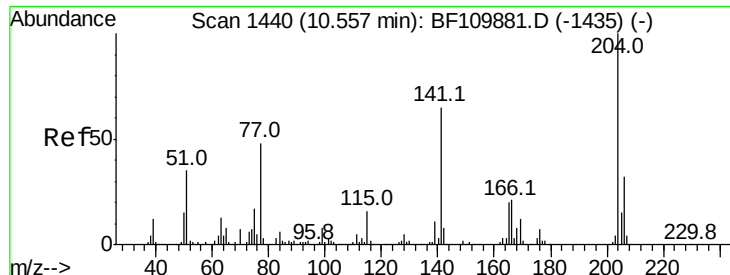
Sohil
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#60
 Diethylphthalate
 Concen: 24.617 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.4	26.2
150	12.5	9.8	14.8





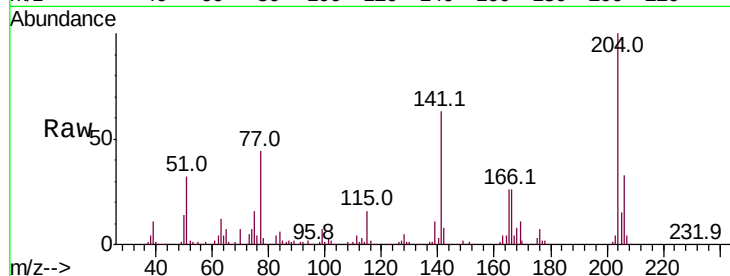
#61
 4-Chlorophenyl-phenylether
 Concen: 23.804 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

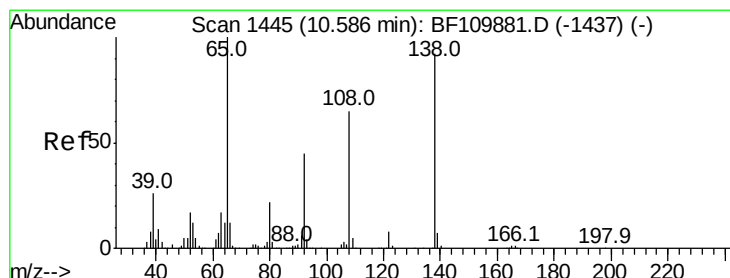
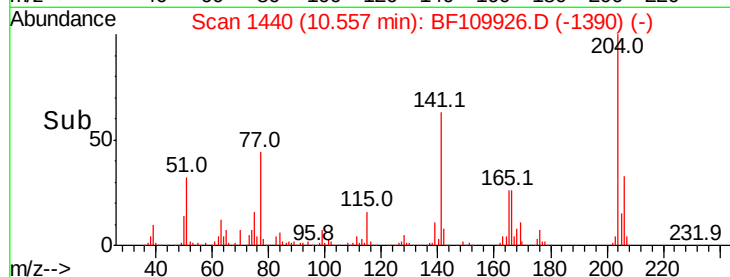
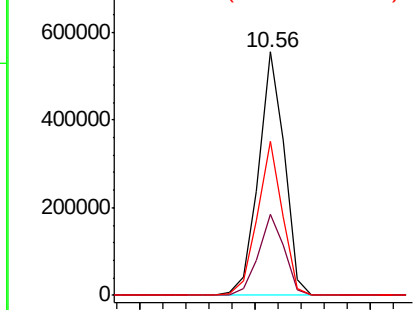
Tot Ion:	204	Resp:	434975
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.5	39.7
141	63.3	51.8	77.8

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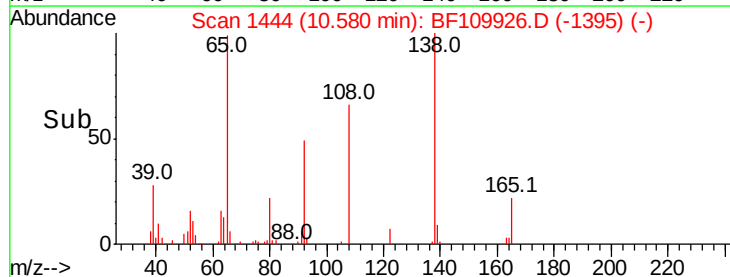
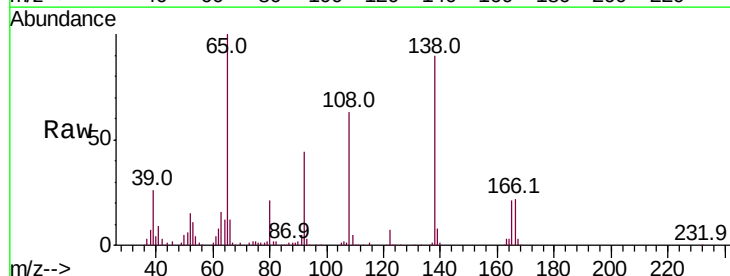
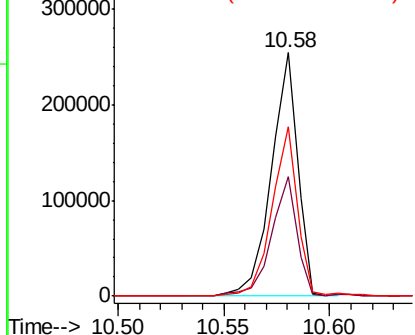
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

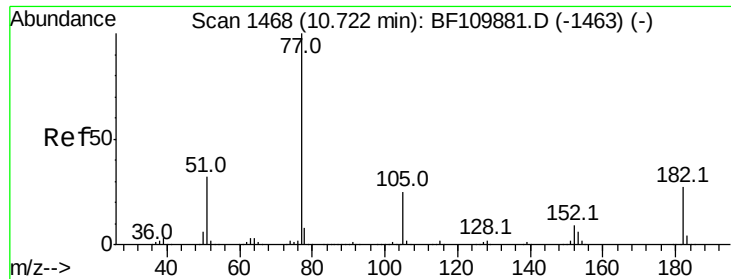


#62
 4-Nitroaniline
 Concen: 25.678 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:	138	Resp:	221375
Ion Ratio	Lower	Upper	
138	100		
92	49.0	31.7	71.7
108	69.4	59.3	99.3

Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





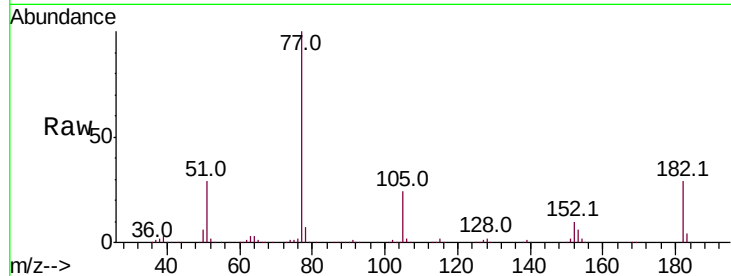
#63
Azobenzene
Concen: 23.288 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	4.3	44.3
105	24.5	1.3	41.3
51	29.4	9.0	49.0

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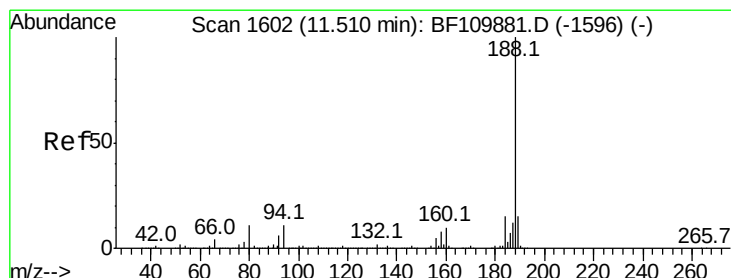
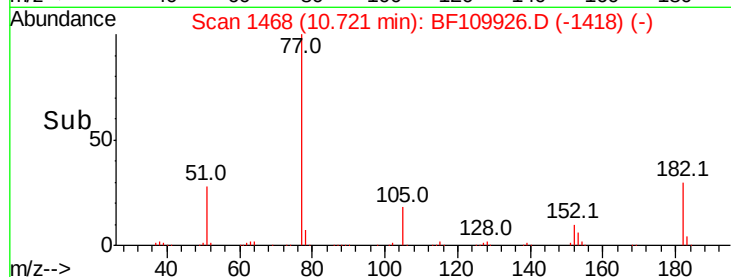
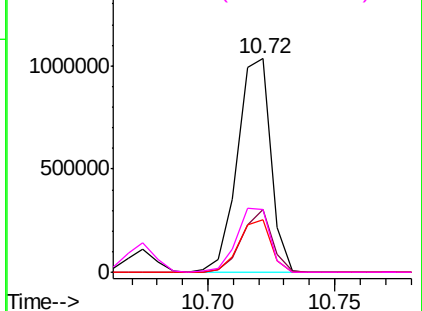
Abundance

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: BF109926.D
Acq: 17 Oct 2018 18:06

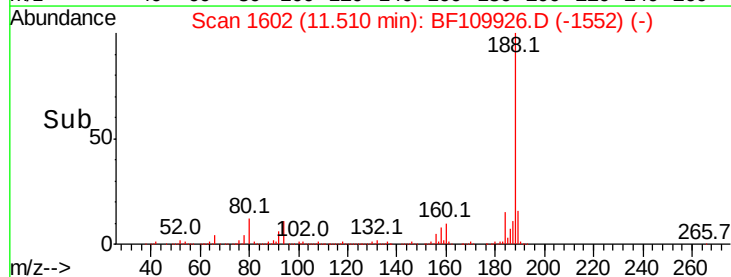
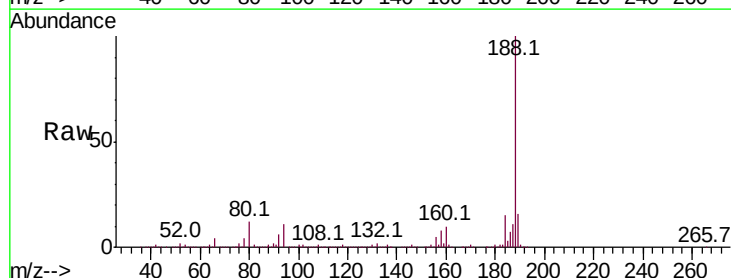
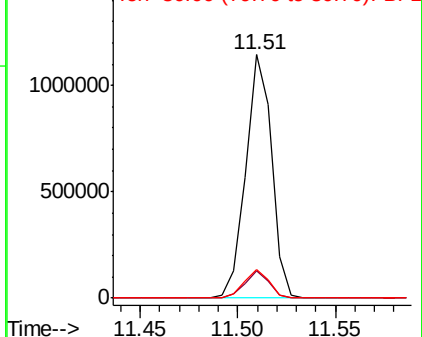
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.2	10.8#
80	11.5	7.9	11.9

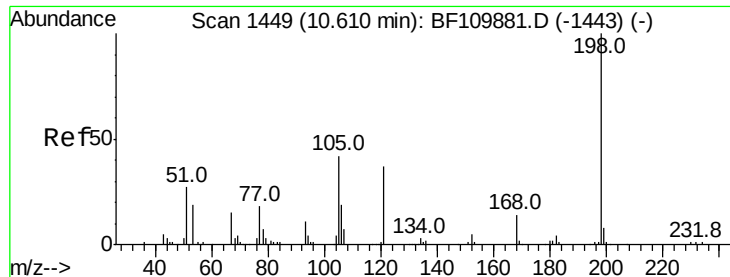
Abundance

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





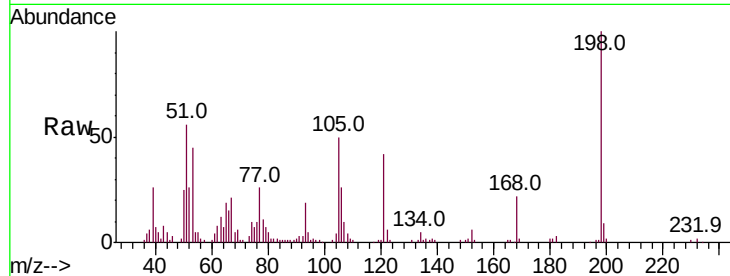
#65
4,6-Dinitro-2-methylphenol
Concen: 20.698 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

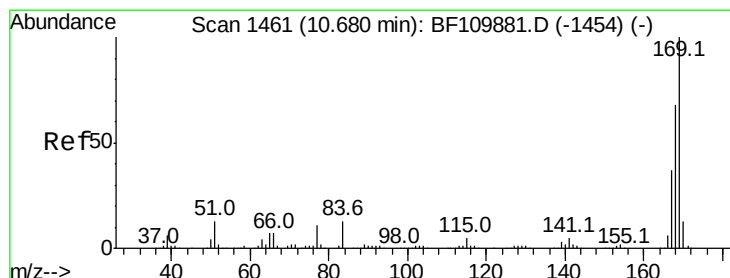
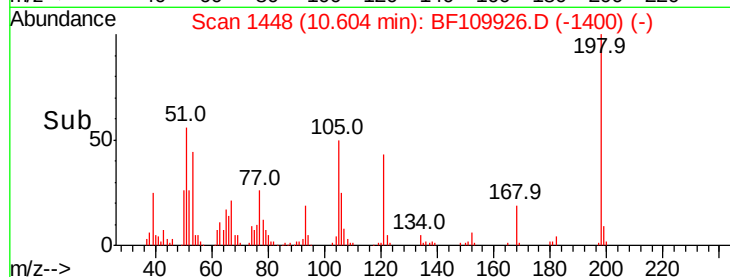
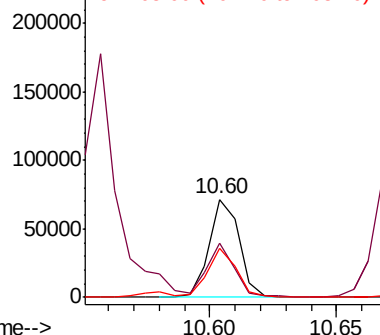
Tot Ion	Ratio	Resp	Lower	Upper
198	100	58466		
51	55.8	22.8	62.8	
105	49.8	23.6	63.6	

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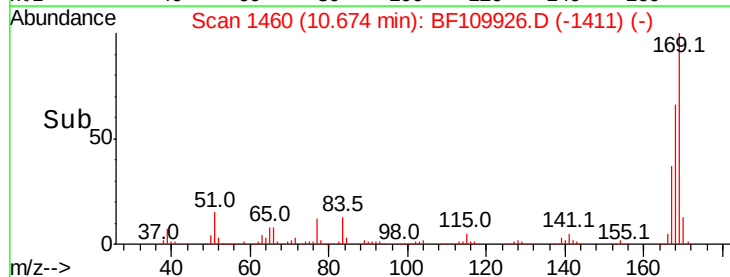
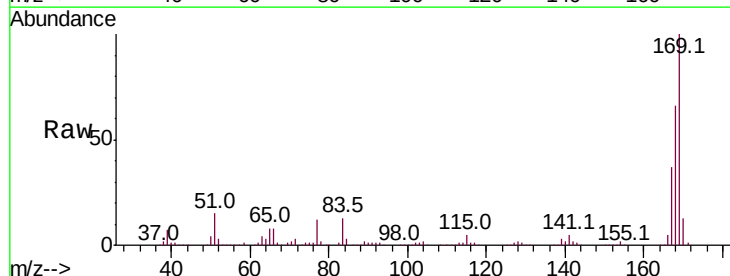
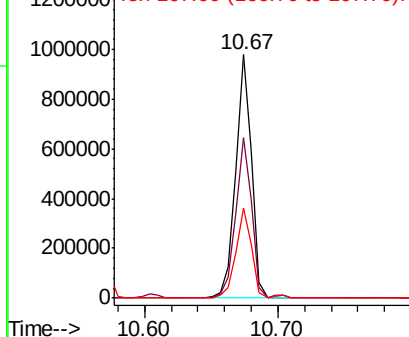
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

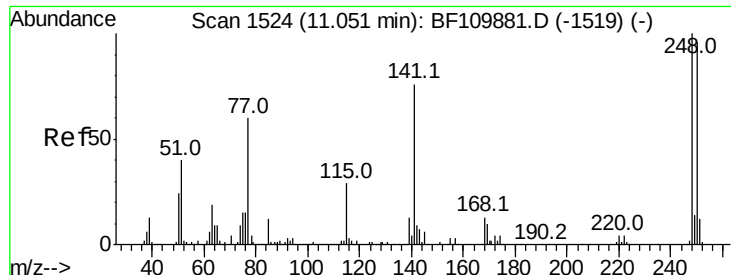


#66
n-Nitrosodiphenylamine
Concen: 23.181 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	813525		
168	65.7	51.2	76.8	
167	37.2	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





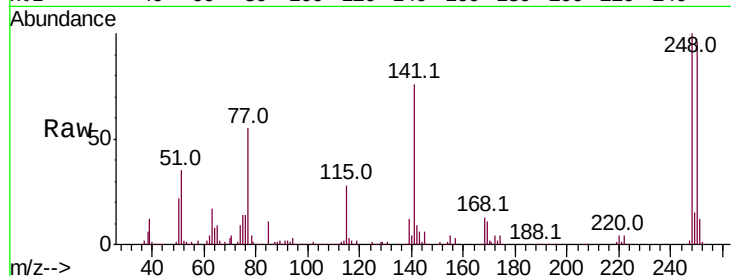
#67
4-Bromophenyl-phenylether
Concen: 23.529 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	79.4	119.2
141	75.9	55.9	83.9

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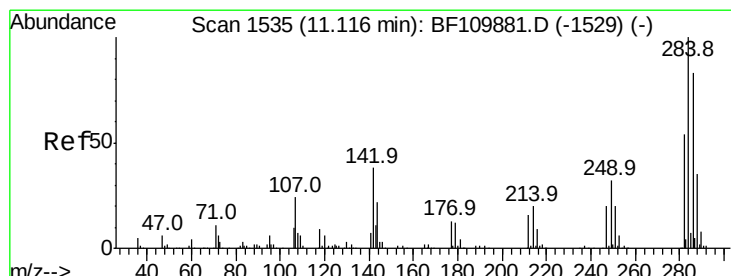
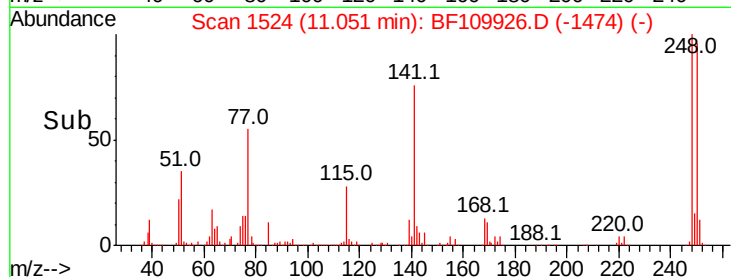
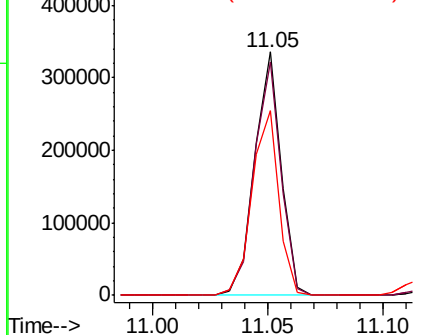


Abundance

Ion 248.00 (247.70 to 248.70): E

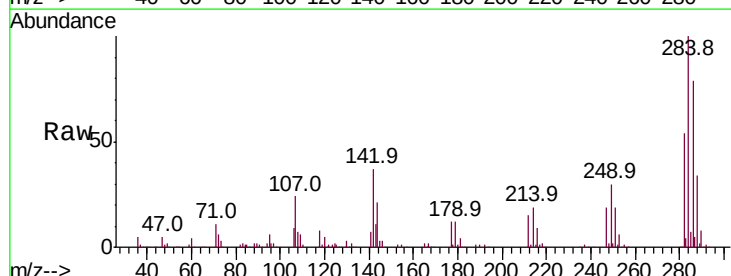
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 23.091 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	23.9	35.9#
249	30.0	24.2	36.2

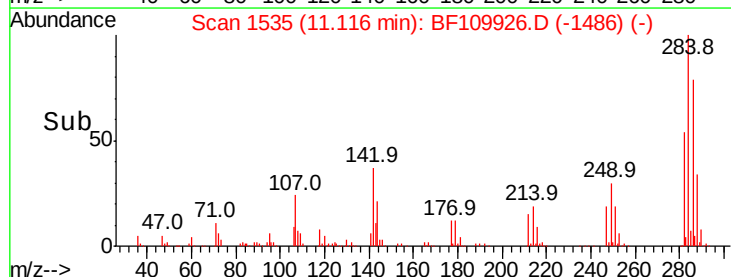
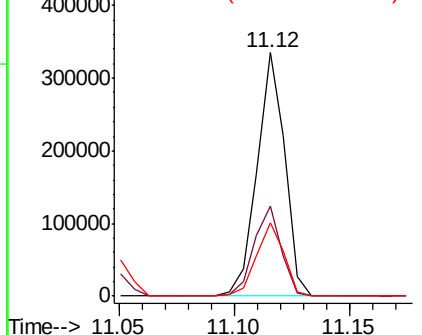


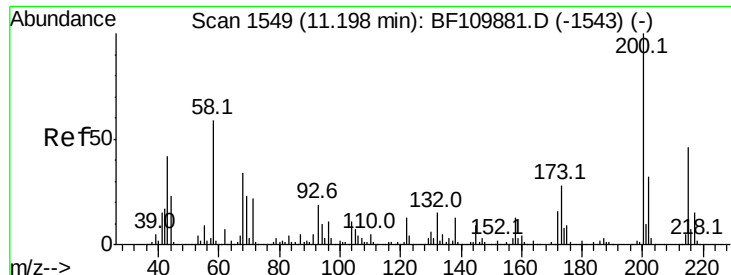
Abundance

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





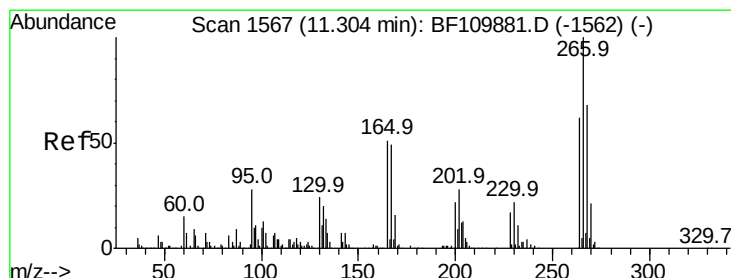
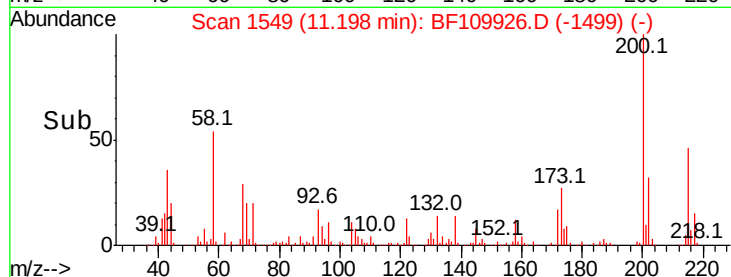
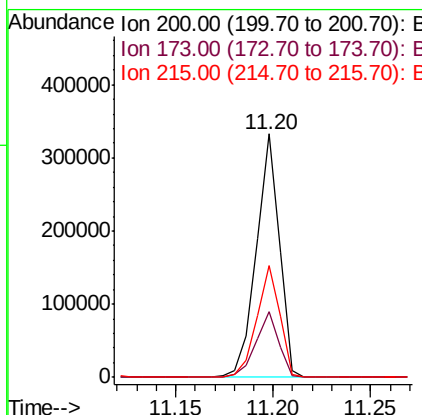
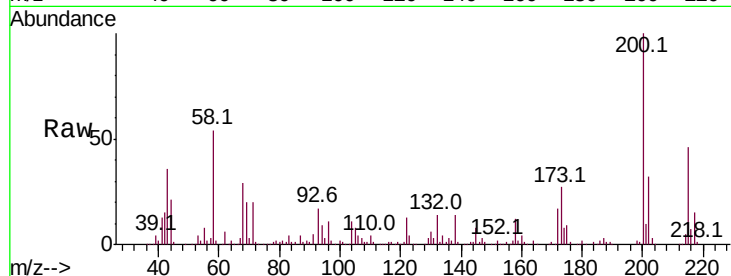
#69
Atrazine
Concen: 24.779 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	6.6	46.6
215	46.1	26.3	66.3

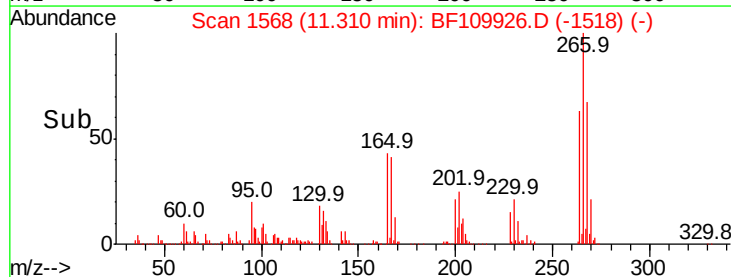
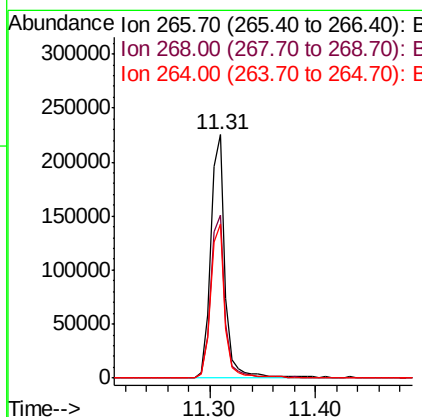
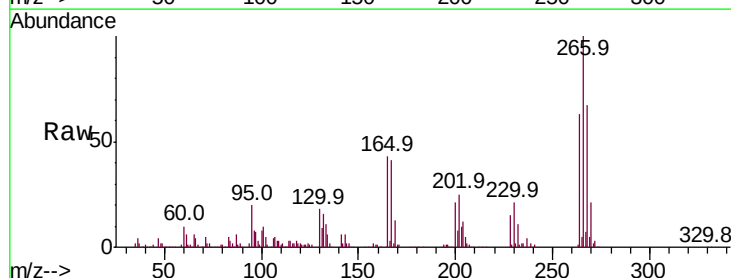
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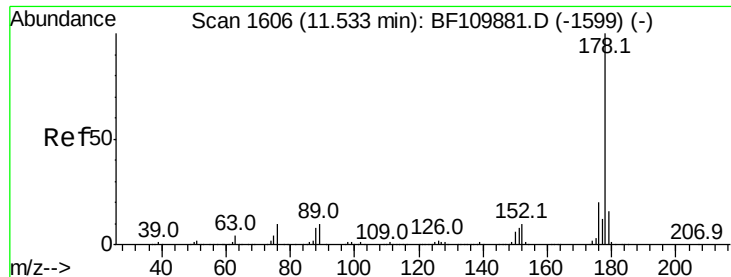
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#70
Pentachlorophenol
Concen: 31.239 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.8	50.6	75.8
264	63.2	50.6	75.8





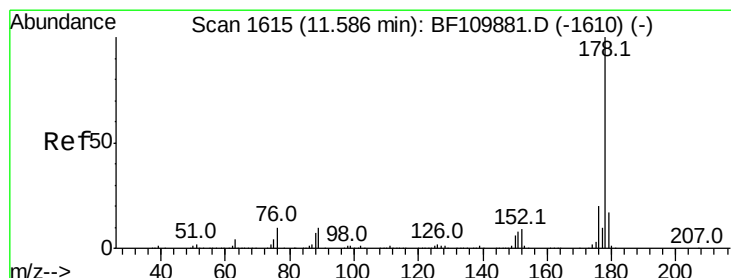
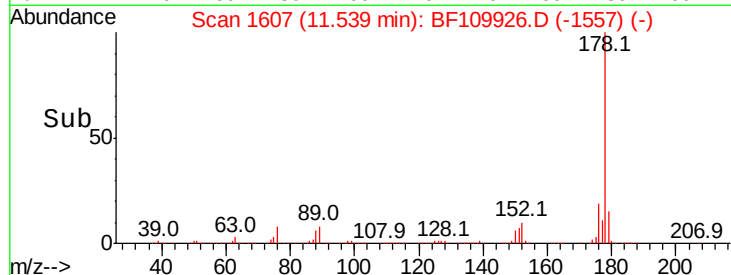
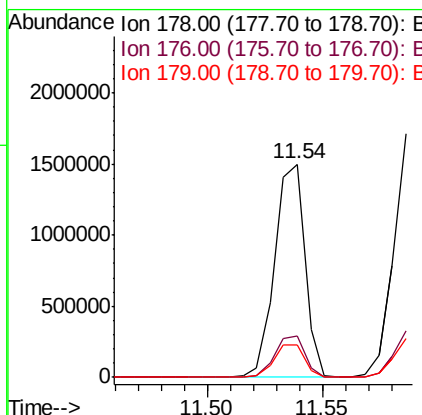
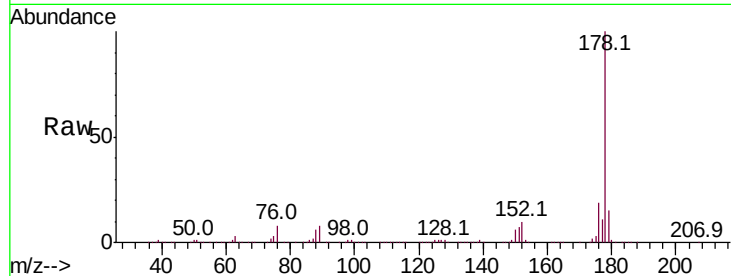
#71
Phenanthrene
Concen: 25.008 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion:178 Resp: 1364210
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.5 18.7

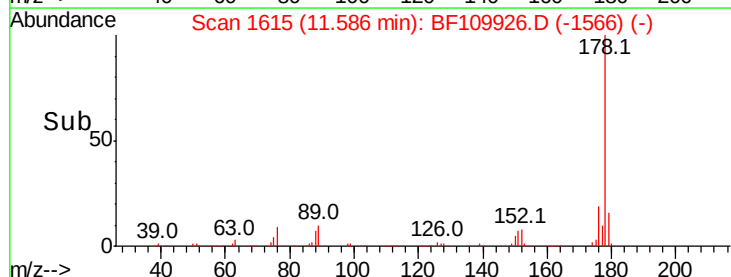
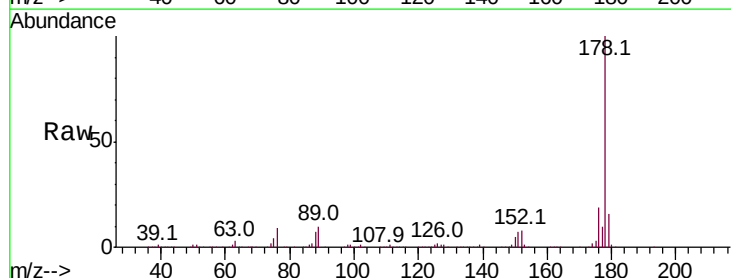
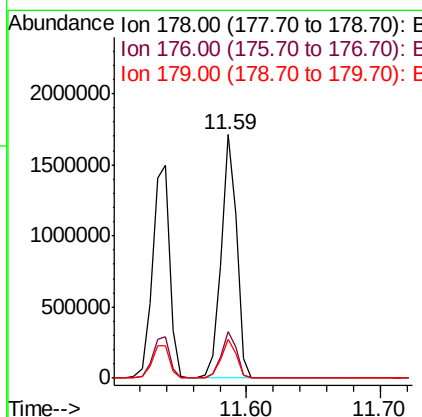
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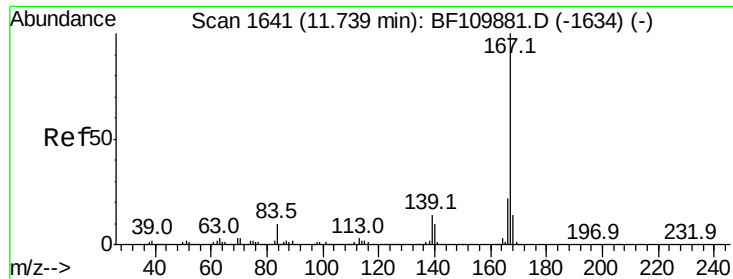
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#72
Anthracene
Concen: 25.591 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion:178 Resp: 1403502
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 16.0 12.6 18.8





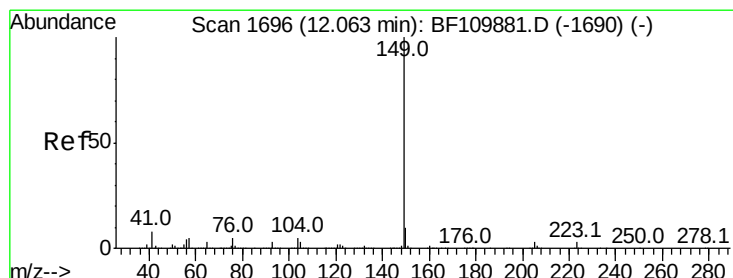
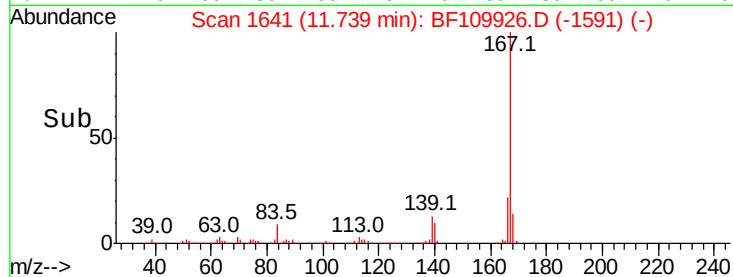
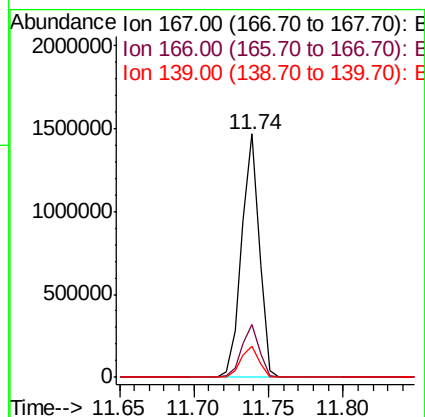
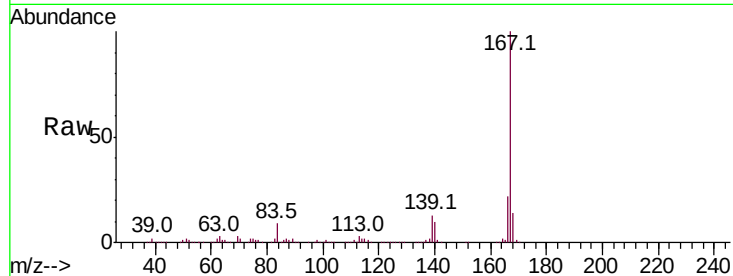
#73
 Carbazole
 Concen: 22.603 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.0	10.9	16.3

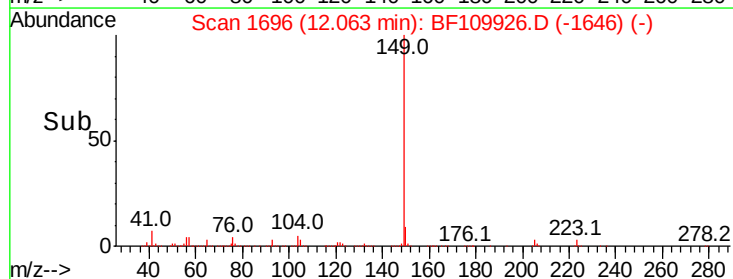
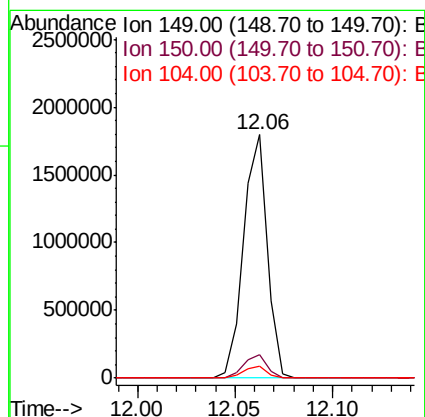
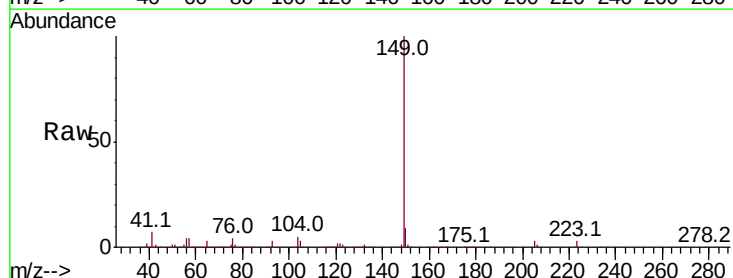
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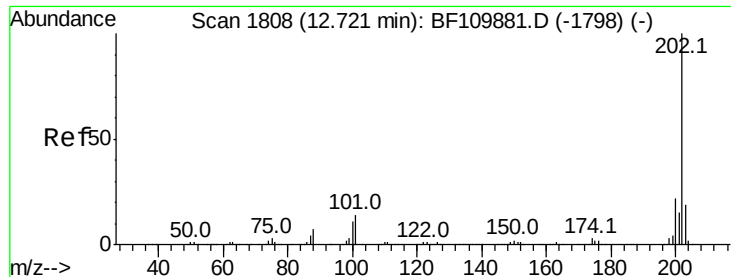
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#74
 Di-n-butylphthalate
 Concen: 25.080 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.8	4.2	6.4





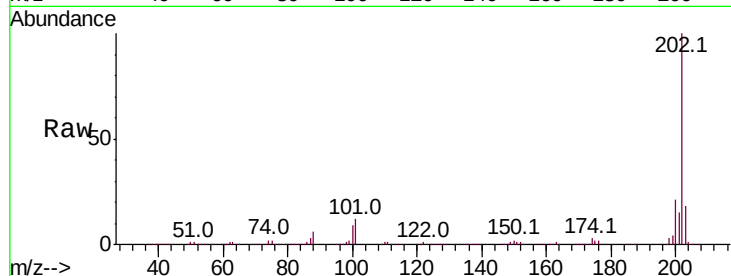
#75
 Fluoranthene
 Concen: 24.997 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	18.2	0.0	37.7

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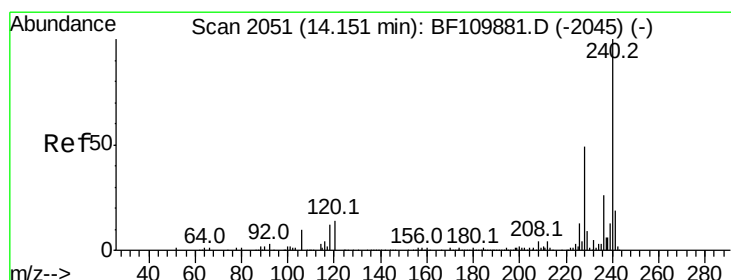
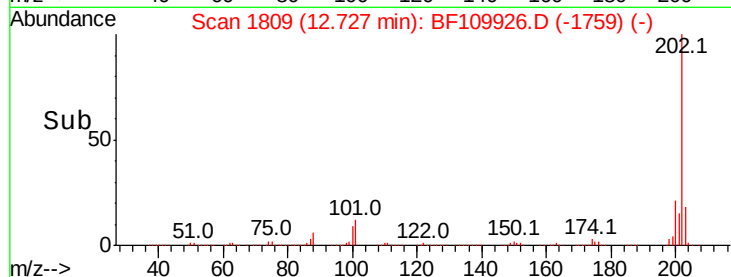
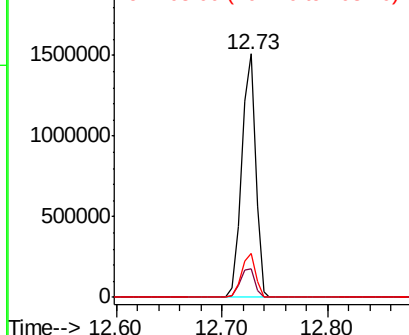


Abundance

Ion 202.00 (201.70 to 202.70): E

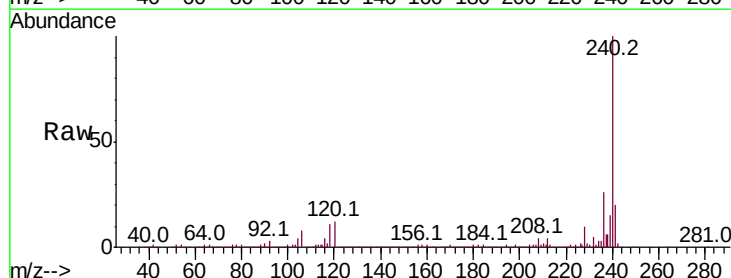
Ion 101.00 (100.70 to 101.70): E

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: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	26.3	21.2	31.8

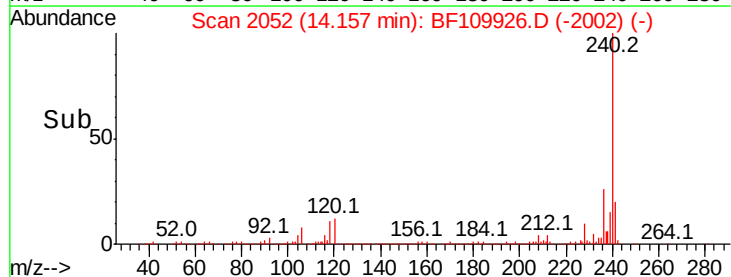
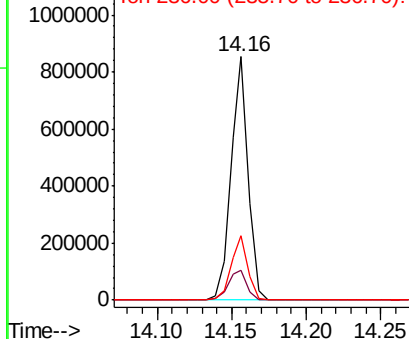


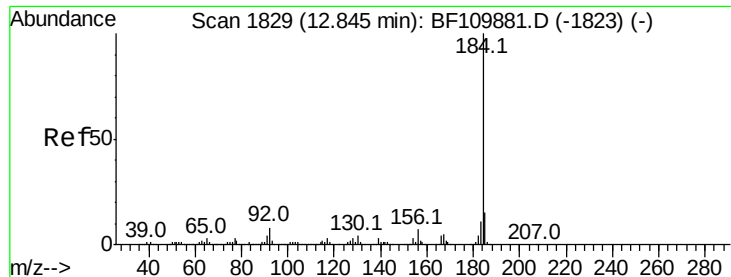
Abundance

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: 18.640 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

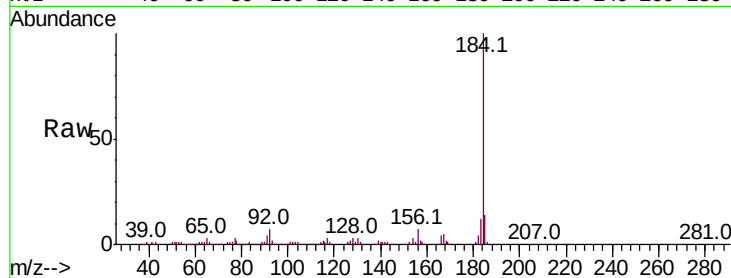
ClientSampleId :

PB113915BS

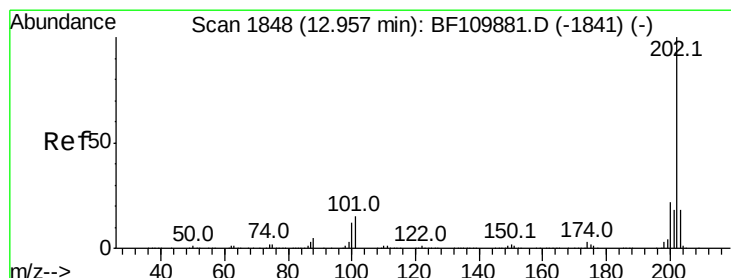
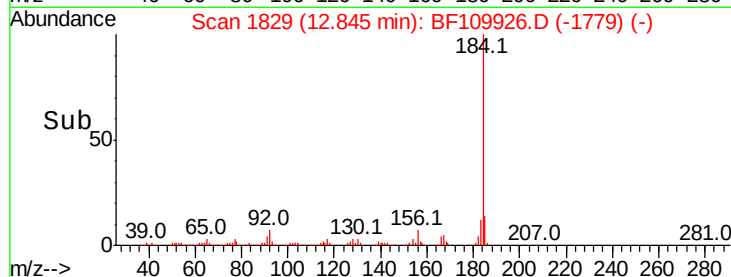
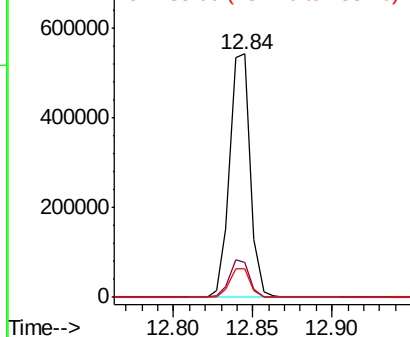
Tot Ion:	184	Resp:	494062
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.4	20.2
183	11.8	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 26.332 ng

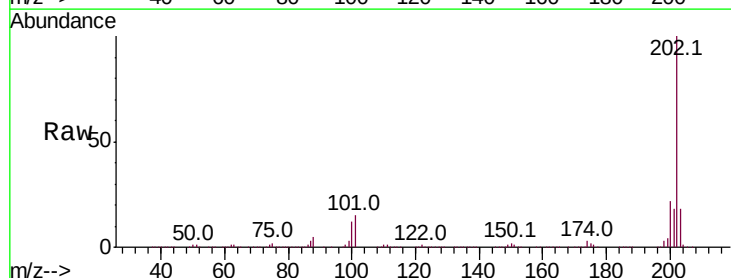
RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

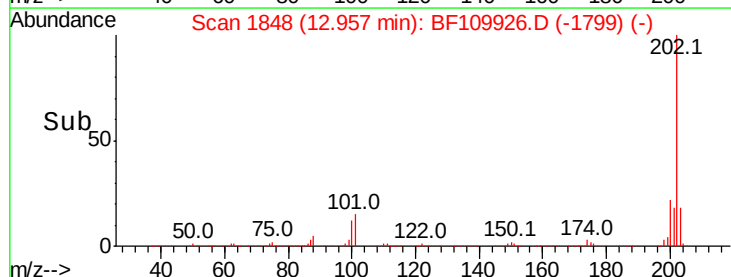
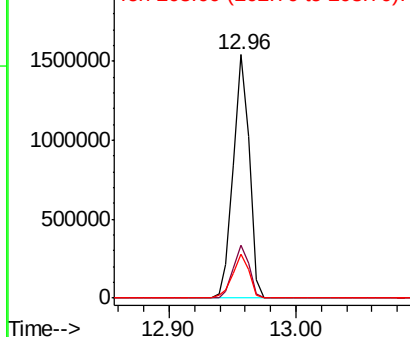
Lab File: BF109926.D

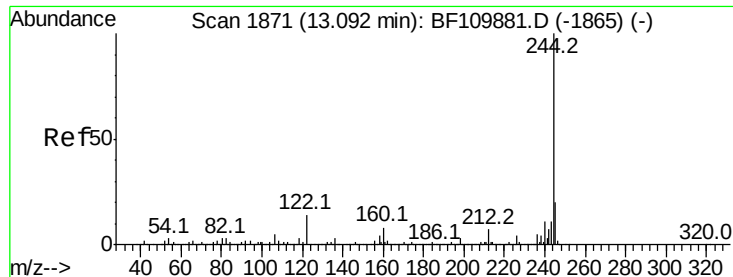
Acq: 17 Oct 2018 18:06

Tgt Ion:	202	Resp:	1337002
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	18.1	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 49.994 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

PB113915BS

Tot Ion:244 Resp: 1645848

Ion Ratio Lower Upper

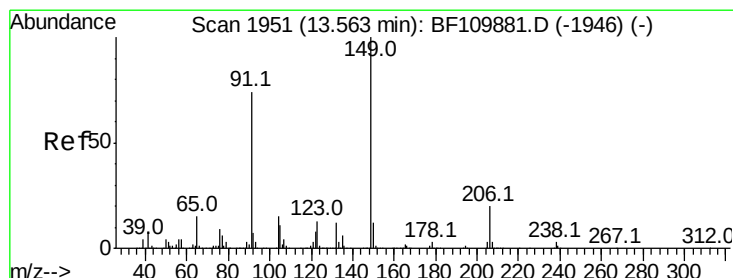
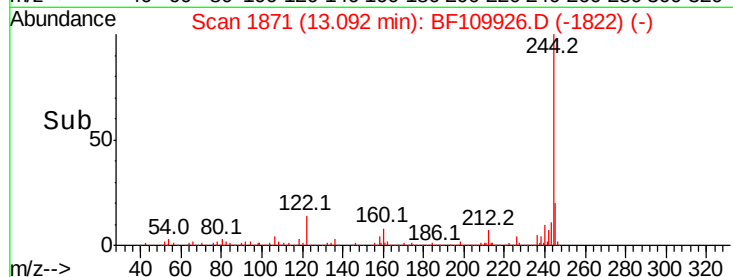
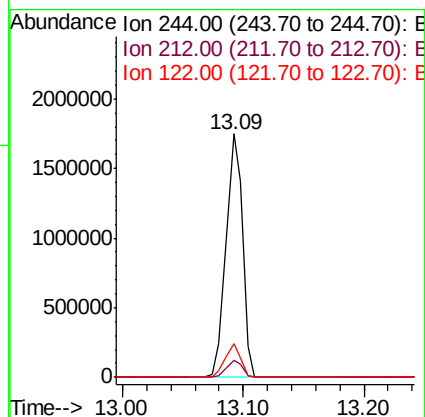
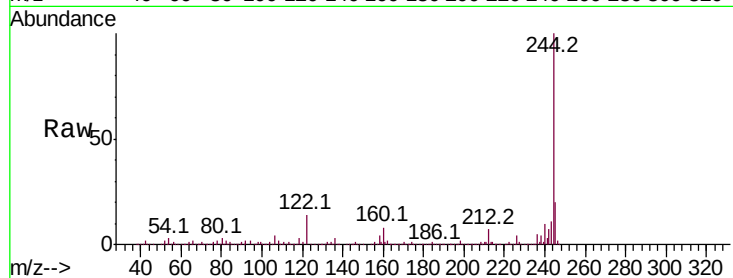
244 100

212 7.1 5.8 8.8

122 13.8 8.7 13.1#

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#80

Butylbenzylphthalate

Concen: 27.245 ng

RT: 13.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

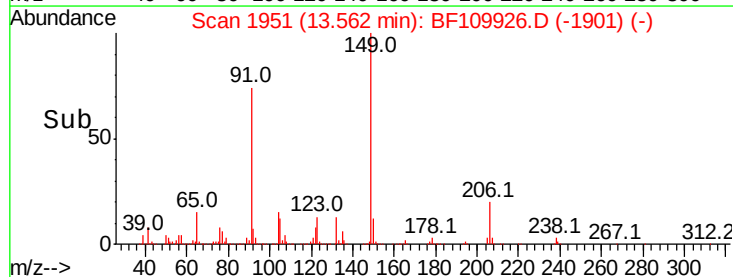
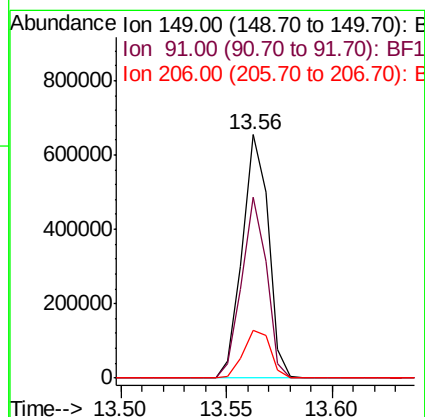
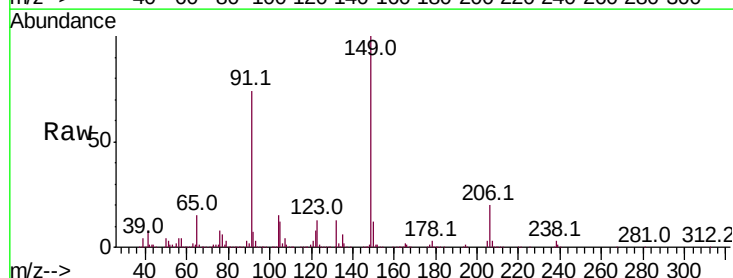
Tgt Ion:149 Resp: 559270

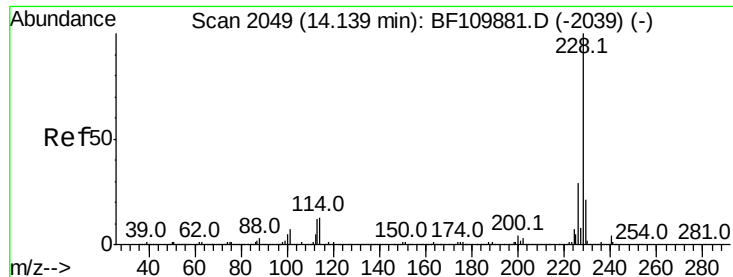
Ion Ratio Lower Upper

149 100

91 74.5 57.2 85.8

206 19.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 24.706 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

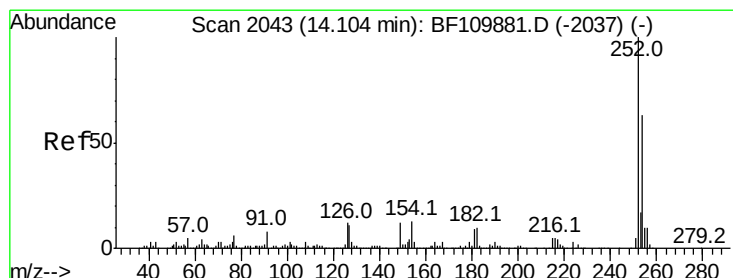
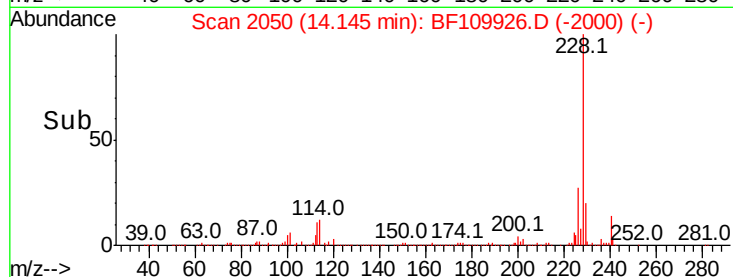
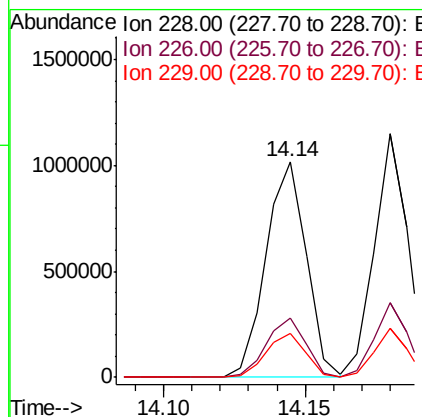
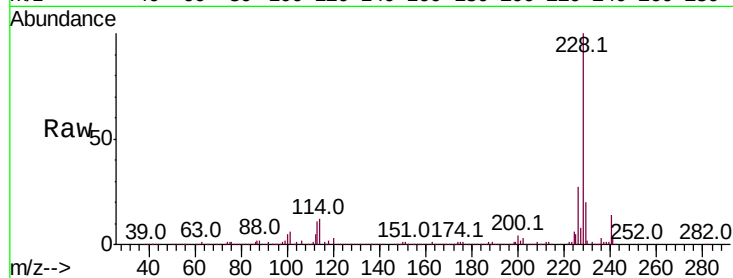
ClientSampleId :

PB113915BS

Tot Ion:	228	Resp:	1006011
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.2	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 9.240 ng

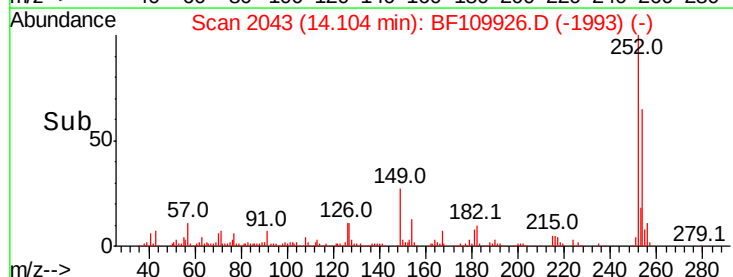
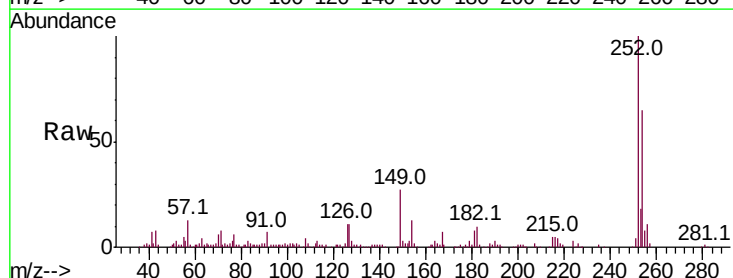
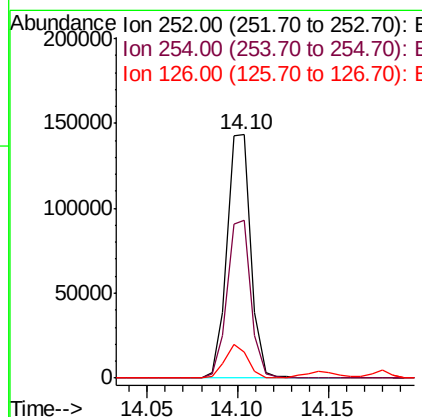
RT: 14.10 min Scan# 2043

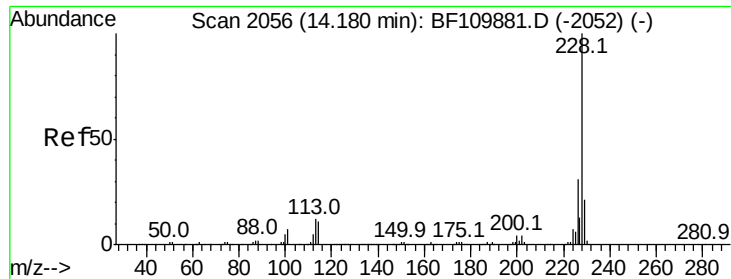
Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:	252	Resp:	131913
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	10.6	9.4	14.2





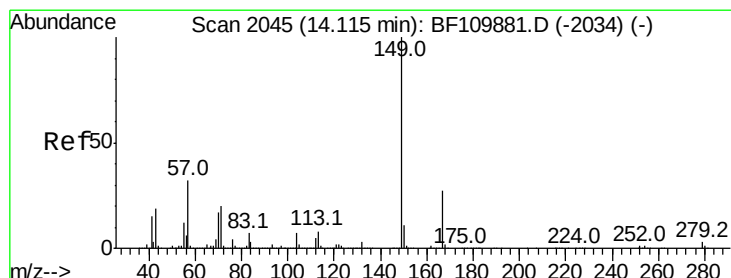
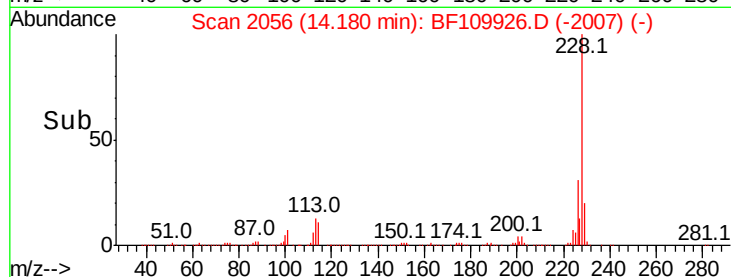
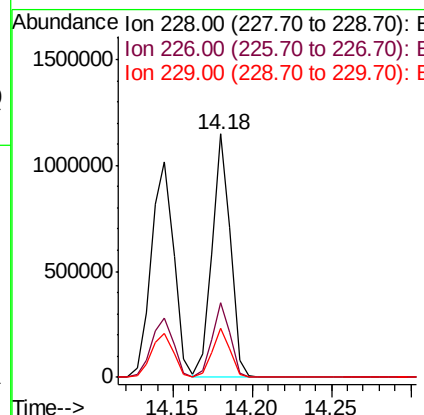
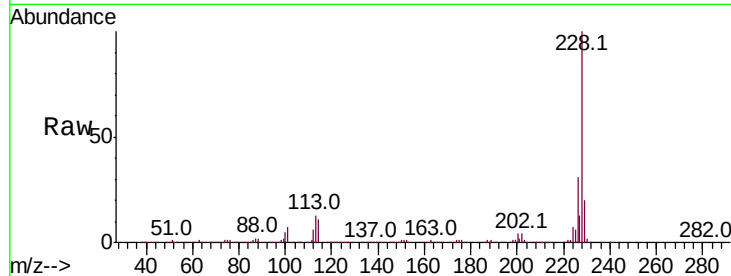
#83
 Chrysene
 Concen: 24.121 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	20.0	15.9	23.9

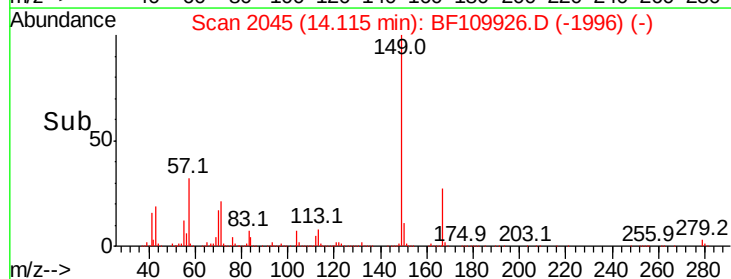
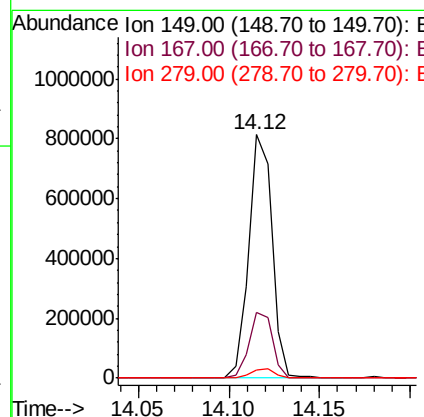
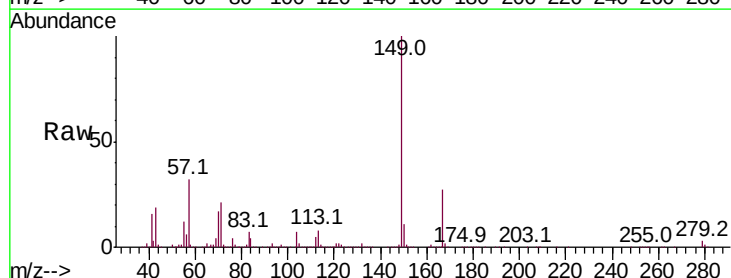
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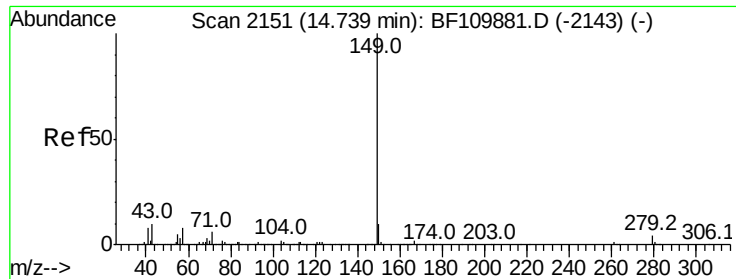
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 26.782 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.8	29.8
279	3.3	2.7	4.1





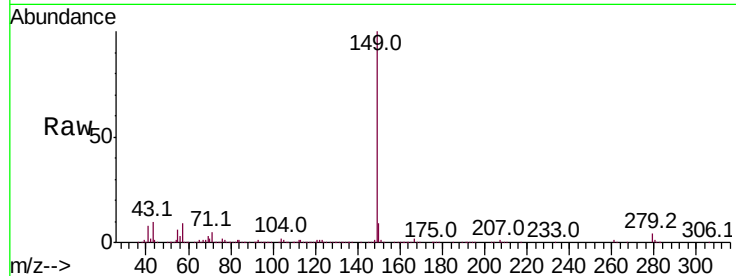
#85
Di-n-octyl phthalate
Concen: 25.824 ng
RT: 14.74 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	10.4	7.8	11.8	

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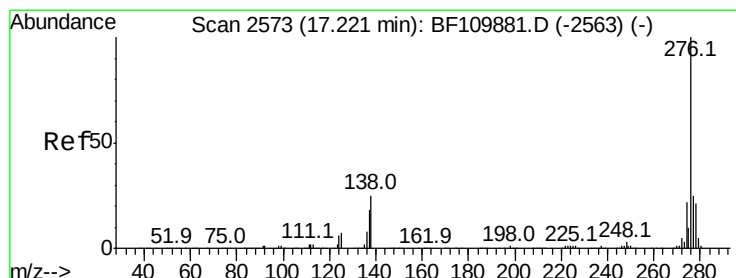
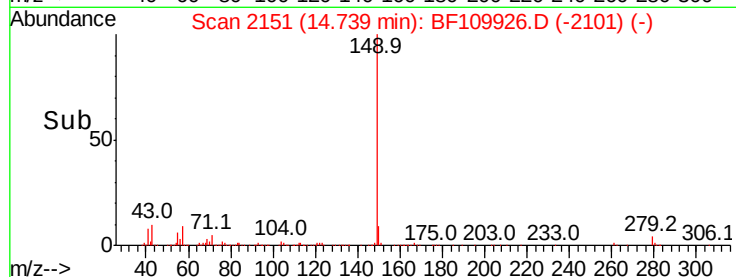
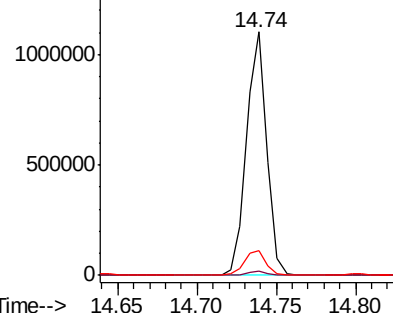


Abundance

Ion 149.00 (148.70 to 149.70): E

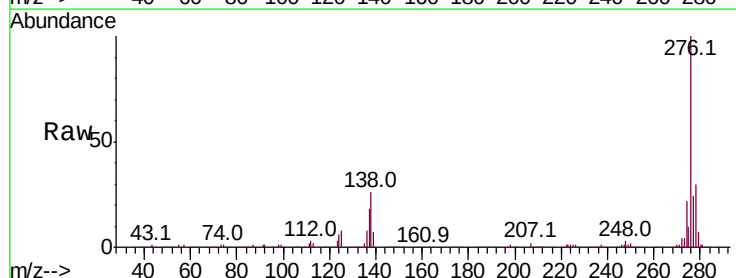
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.677 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	29.0	18.5	27.7#	
277	24.7	20.0	30.0	

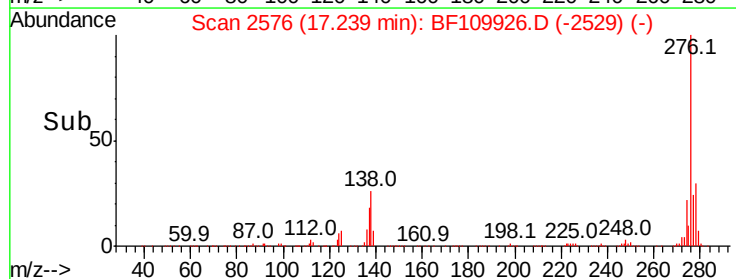
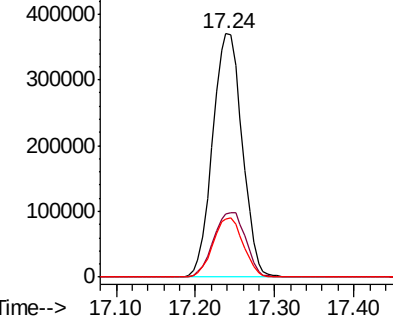


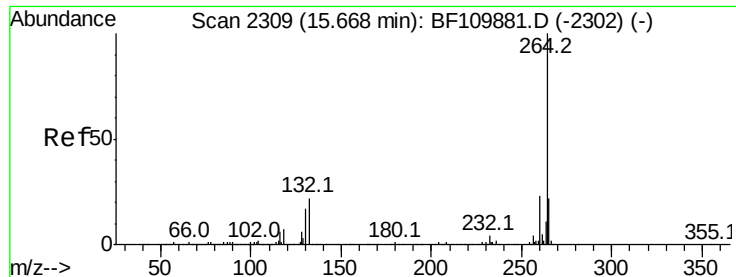
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

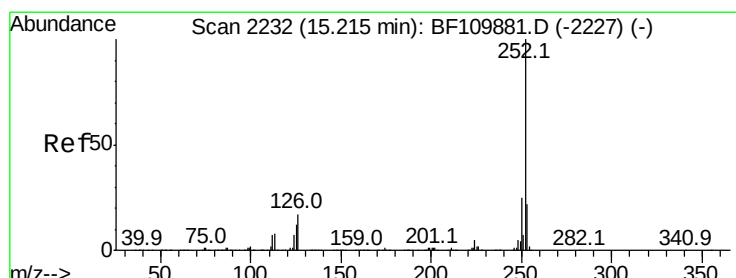
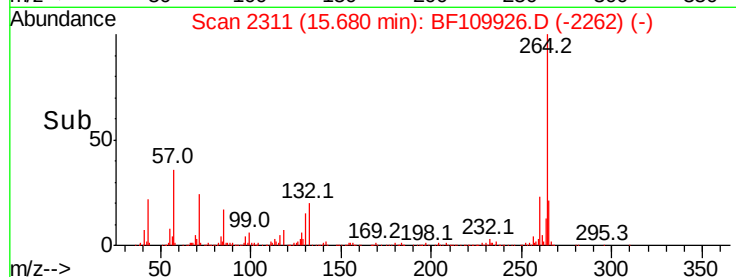
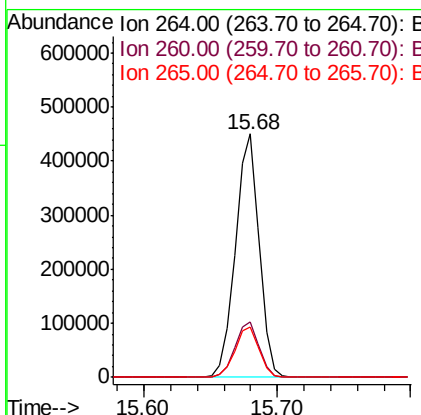
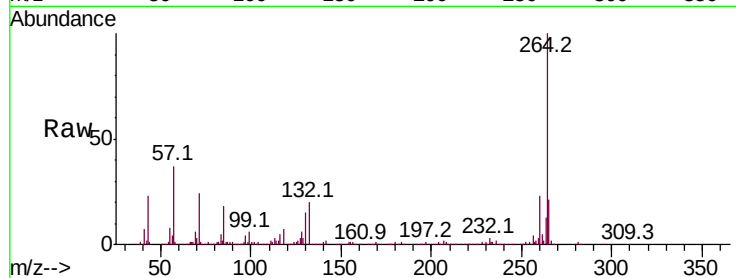
ClientSampleId :

PB113915BS

Tot Ion:	264	Resp:	555849
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.7	28.1
265	20.7	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 24.687 ng

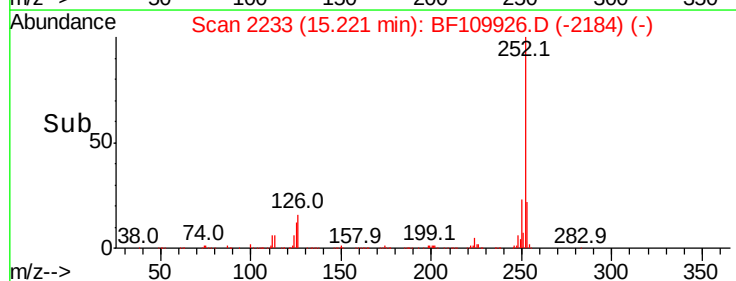
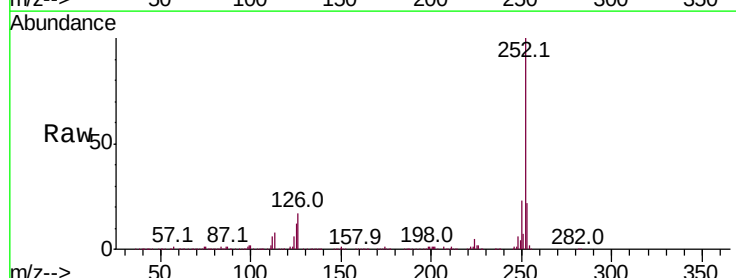
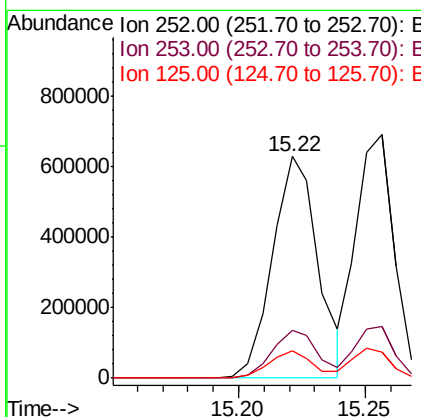
RT: 15.22 min Scan# 2233

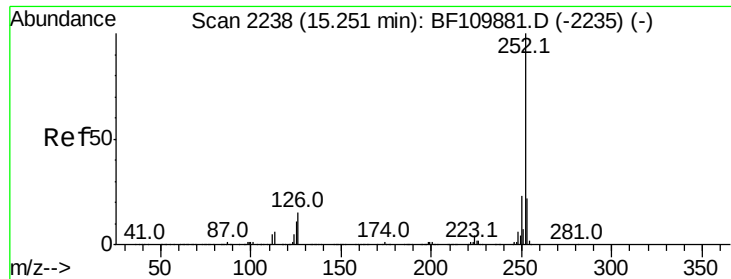
Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:	252	Resp:	791123
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	12.2	8.2	12.4





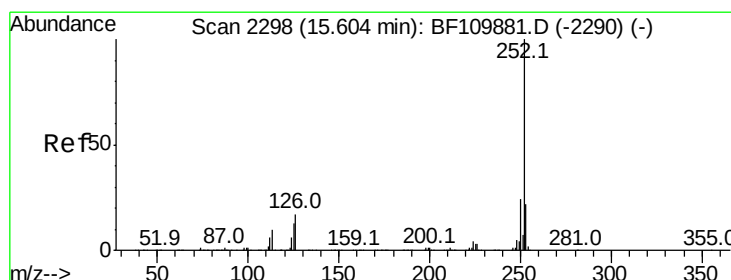
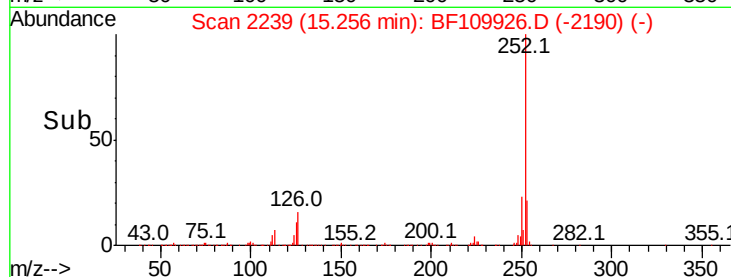
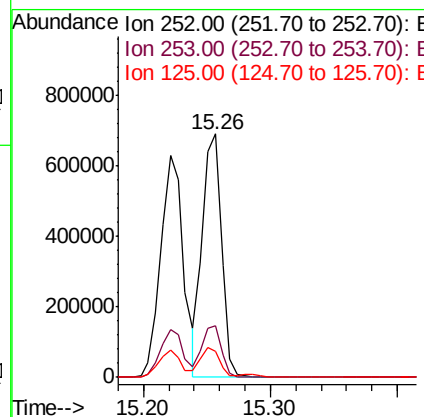
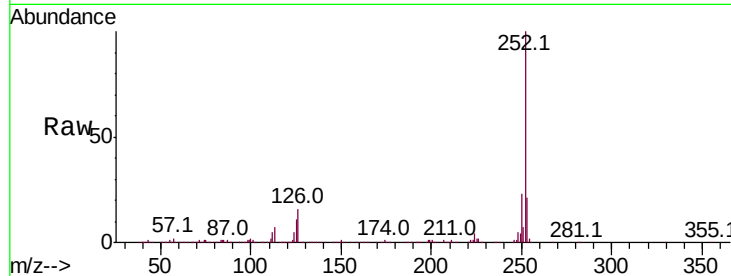
#89
Benzo(k)fluoranthene
Concen: 22.927 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :
PB113915BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.8	7.4	11.0

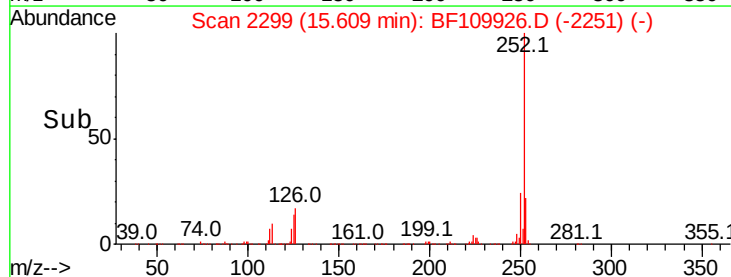
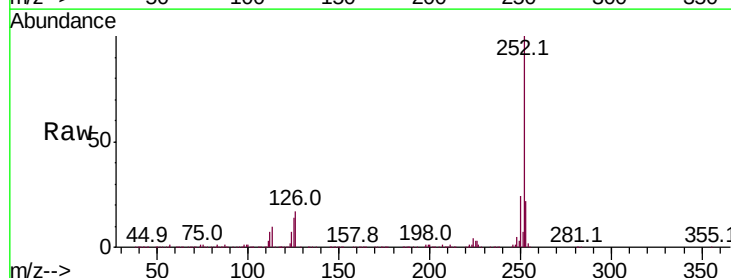
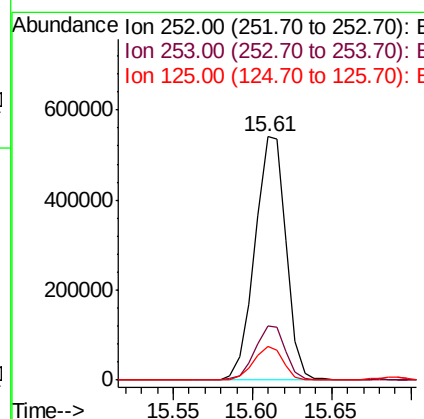
Manual Integrations
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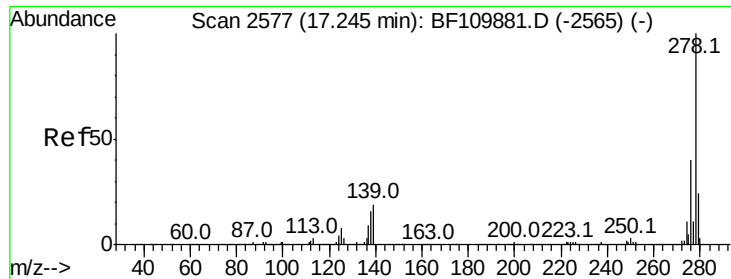
Sohil
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#90
Benzo(a)pyrene
Concen: 25.100 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	13.8	9.0	13.6#





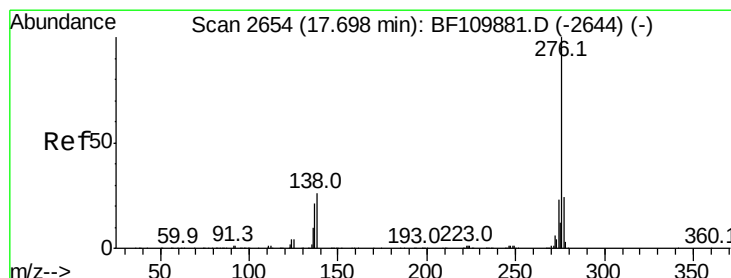
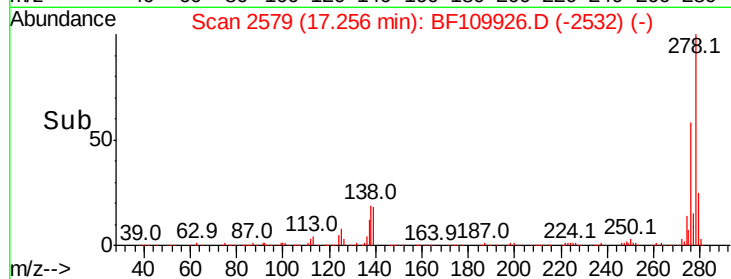
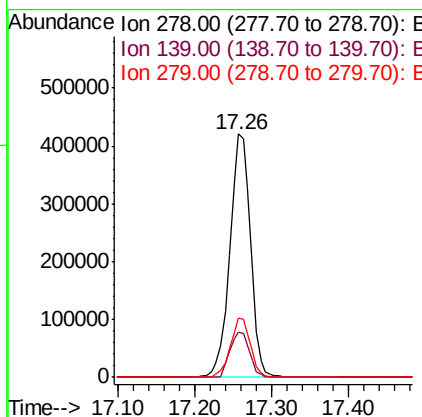
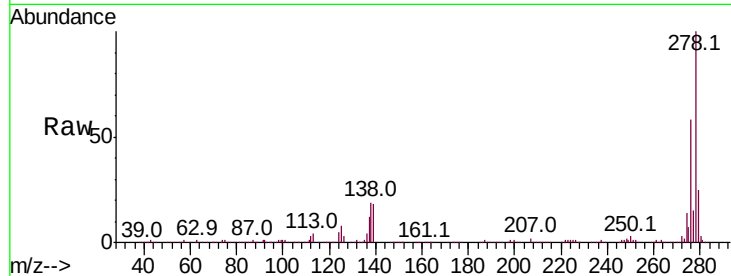
#91
 Dibenzo(a,h)anthracene
 Concen: 30.258 ng
 RT: 17.26 min Scan# 2579
 Delta R.T. -0.02 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BS

Tot Ion:	278	Resp:	790345
Ion Ratio	Lower	Upper	
278	100		
139	18.5	12.7	19.1
279	24.6	19.0	28.4

Manual Integrations
 APPROVED

Sohil
 10/18/2018 2:04:21 PM



#92
 Benzo(g,h,i)perylene
 Concen: 31.207 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. -0.02 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:	276	Resp:	823580
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.8	28.2
138	25.1	16.0	24.0#

