

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110033.D
 Acq On : 20 Oct 2018 6:03
 Operator : JU/SJ
 Sample : PB113927BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

Manual Integrations
 APPROVED

Sohil
 10/22/2018 2:55:53 PM

Quant Time: Oct 20 07:08:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 01:53:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	213879	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	845306	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	366022	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	581626	20.00	ng	0.00
76) Chrysene-d12	14.15	240	372134	20.00	ng	0.00
87) Perylene-d12	15.67	264	315538	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1176008	87.16	ng	0.02
7) Phenol-d6	6.60	99	1461341	87.22	ng	0.00
23) Nitrobenzene-d5	7.54	82	1293122	103.05	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	279697	88.26	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2154906	93.94	ng	0.00
79) Terphenyl-d14	13.09	244	1447812	81.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	215419	28.110	ng	91
3) Pyridine	3.70	79	637784	37.329	ng	# 86
4) n-Nitrosodimethylamine	3.67	42	314507	45.125	ng	95
6) Aniline	6.63	93	517008	22.898	ng	# 53
8) 2-Chlorophenol	6.76	128	645121	42.684	ng	97
9) Benzaldehyde	6.52	77	266727	24.498	ng	97
10) Phenol	6.61	94	758229	41.916	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	606194	40.079	ng	92
12) 1,3-Dichlorobenzene	6.91	146	669800	40.415	ng	97
13) 1,4-Dichlorobenzene	6.99	146	676324	40.521	ng	98
14) 1,2-Dichlorobenzene	7.15	146	624073	40.604	ng	99
15) Benzyl Alcohol	7.11	79	557000	43.212	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	985090	39.681	ng	68
17) 2-Methylphenol	7.22	107	523425	42.948	ng	# 82
18) Hexachloroethane	7.48	117	240074	40.702	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	424808	39.489	ng	97
20) 3+4-Methylphenols	7.37	107	633954	40.991	ng	96
22) Acetophenone	7.38	105	851971	43.461	ng	97
24) Nitrobenzene	7.56	77	636167	46.668	ng	94
25) Isophorone	7.79	82	1193498	48.406	ng	96
26) 2-Nitrophenol	7.87	139	312450	55.281	ng	95
27) 2,4-Dimethylphenol	7.90	122	577229	48.604	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	745712	44.069	ng	100
29) 2,4-Dichlorophenol	8.11	162	506622	43.974	ng	100
30) 1,2,4-Trichlorobenzene	8.19	180	551325	42.739	ng	96
31) Naphthalene	8.28	128	1724098	44.478	ng	99
32) Benzoic acid	8.02	122	243571	32.917	ng	89
33) 4-Chloroaniline	8.32	127	116824	6.704	ng	96
34) Hexachlorobutadiene	8.39	225	302958	42.590	ng	100
35) Caprolactam	8.71	113	178907m	43.725	ng	
36) 4-Chloro-3-methylphenol	8.80	107	531468	43.728	ng	96
37) 2-Methylnaphthalene	8.97	142	1168262	46.544	ng	99
38) 1-Methylnaphthalene	9.07	142	1109821	45.631	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	498998	44.261	ng	99

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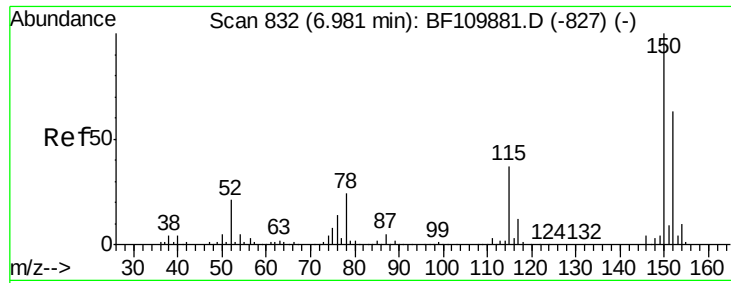
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	301724	55.450	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	330808	46.927	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	335982	45.921	ng	95
46) 1,1'-Biphenyl	9.43	154	1386384	42.513	ng	99
47) 2-Chloronaphthalene	9.46	162	1035447	43.106	ng	99
48) 2-Nitroaniline	9.56	65	324009	52.560	ng	95
49) Acenaphthylene	9.88	152	1571555	45.035	ng	97
50) Dimethylphthalate	9.73	163	1207846	46.603	ng	100
51) 2,6-Dinitrotoluene	9.80	165	261635	53.149	ng	90
52) Acenaphthene	10.05	154	979745	44.099	ng	98
53) 3-Nitroaniline	9.96	138	154179	25.748	ng	98
54) 2,4-Dinitrophenol	10.07	184	56044	40.667	ng	86
55) Dibenzofuran	10.22	168	1361305	42.965	ng	99
56) 4-Nitrophenol	10.12	139	376681	82.441	ng	96
57) 2,4-Dinitrotoluene	10.20	165	327597	52.236	ng	# 83
58) Fluorene	10.57	166	1038807	45.039	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	259571	44.765	ng	95
60) Diethylphthalate	10.43	149	1129964	44.142	ng	97
61) 4-Chlorophenyl-phenylether	10.55	204	507583	42.247	ng	97
62) 4-Nitroaniline	10.59	138	230266	40.623	ng	89
63) Azobenzene	10.72	77	1098387	41.073	ng	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	47245	26.634	ng	87
66) n-Nitrosodiphenylamine	10.67	169	930920	48.056	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	301382	47.813	ng	92
68) Hexachlorobenzene	11.11	284	298926	44.472	ng	# 90
69) Atrazine	11.20	200	302284	49.956	ng	99
70) Pentachlorophenol	11.30	266	249589	65.246	ng	97
71) Phenanthrene	11.53	178	1374783	45.657	ng	99
72) Anthracene	11.59	178	1409403	46.557	ng	100
73) Carbazole	11.74	167	1176659	39.549	ng	99
74) Di-n-butylphthalate	12.06	149	1591019	47.917	ng	100
75) Fluoranthene	12.72	202	1209516	40.209	ng	99
77) Benzidine	12.84	184	500027	35.045	ng	97
78) Pyrene	12.95	202	1185730	43.382	ng	99
80) Butylbenzylphthalate	13.56	149	541408	48.996	ng	98
81) Benzo(a)anthracene	14.14	228	1036911	47.305	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	286518	37.285	ng	100
83) Chrysene	14.18	228	961121	46.066	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	753274	51.807	ng	97
85) Di-n-octyl phthalate	14.73	149	1220170	59.523	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	740332	44.070	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	916380	50.374	ng	98
89) Benzo(k)fluoranthene	15.25	252	862911m	48.125	ng	
90) Benzo(a)pyrene	15.61	252	813493	48.622	ng	98
91) Dibenzo(a,h)anthracene	17.25	278	625718	42.200	ng	99
92) Benzo(g,h,i)perylene	17.70	276	595864	39.774	ng	# 95

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



#1

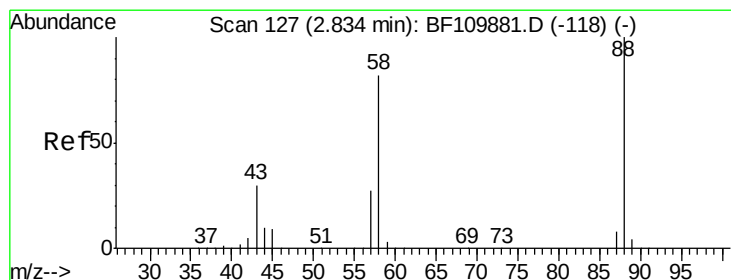
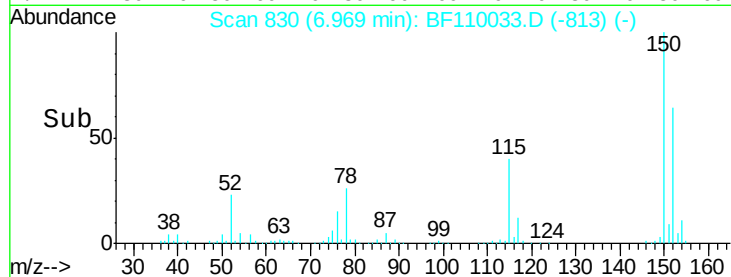
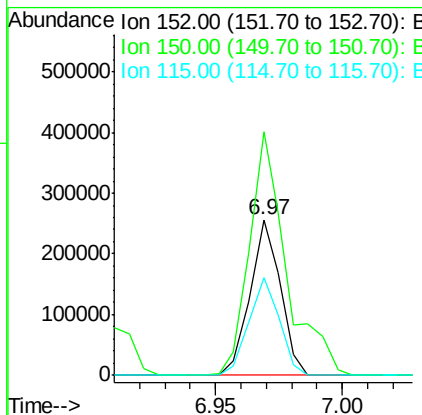
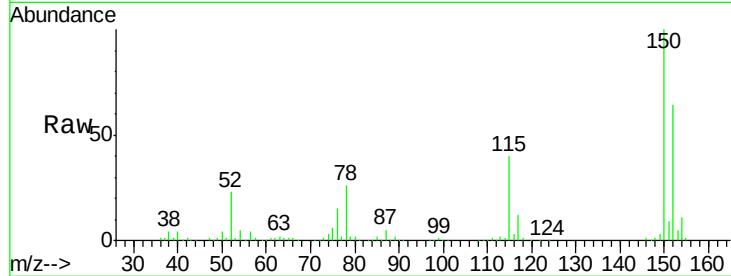
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.7	184.1
115	62.5	49.1	73.7

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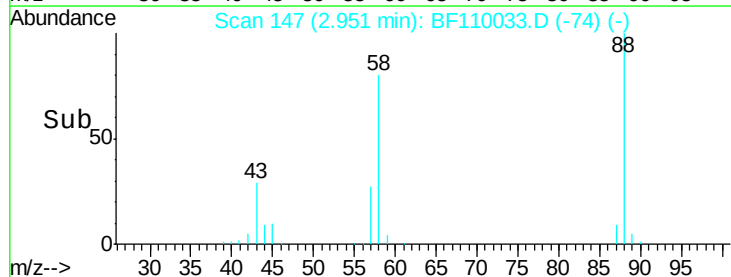
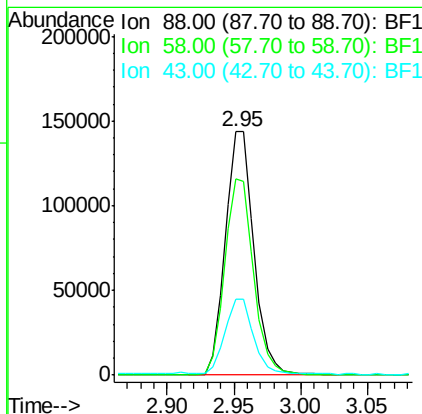
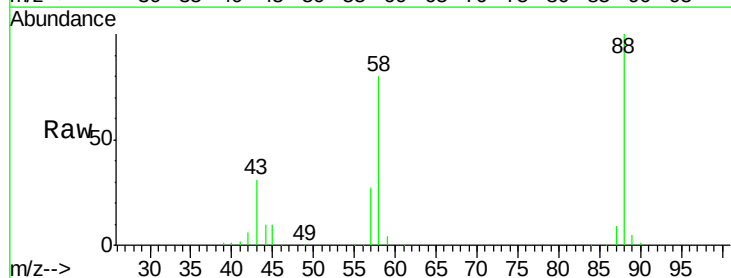
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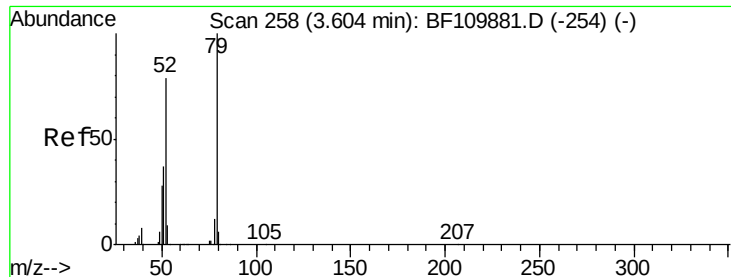


#2

1,4-Dioxane
Concen: 28.110 ng
RT: 2.95 min Scan# 147
Delta R.T. 0.13 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	57.1	85.7
43	30.6	24.1	36.1





#3

Pyridine

Concen: 37.329 ng

RT: 3.70 min Scan# 274

Delta R.T. 0.10 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

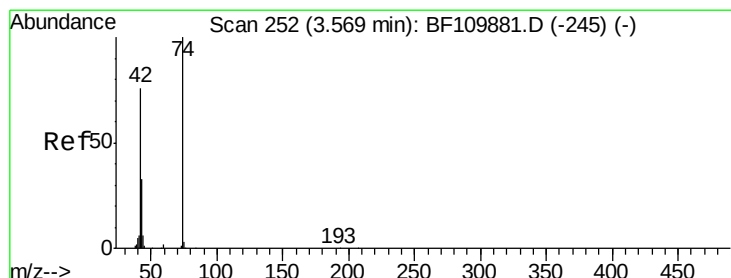
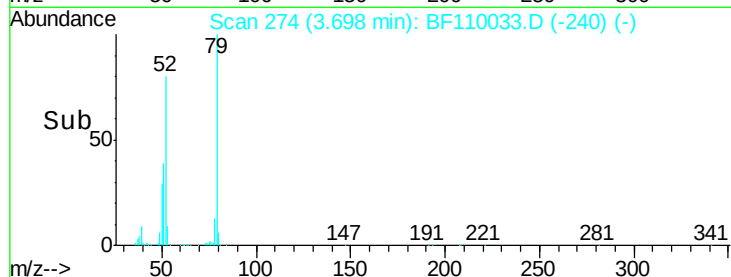
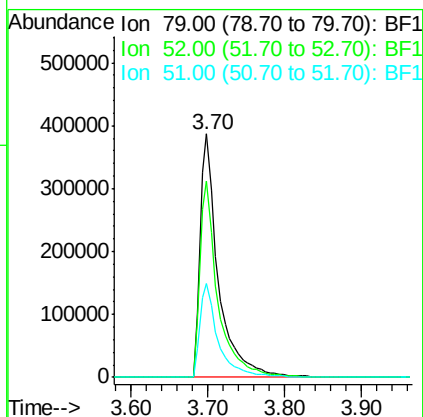
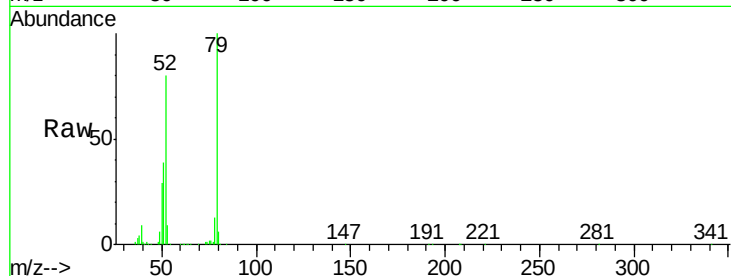
ClientSampleId :

PB113927BS

Tgt Ion:	79	Resp:	637784
Ion Ratio	Lower	Upper	
79	100		
52	80.4	53.1	79.7#
51	38.7	27.4	41.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.125 ng

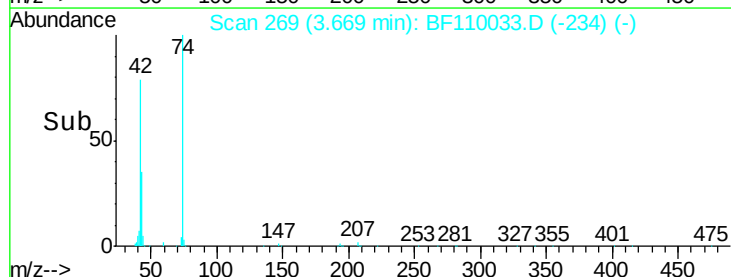
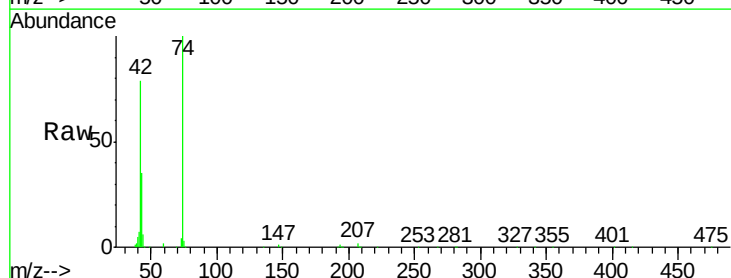
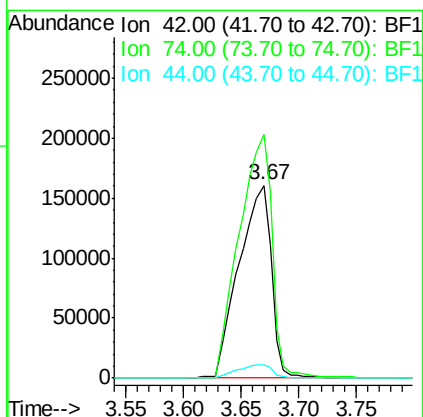
RT: 3.67 min Scan# 269

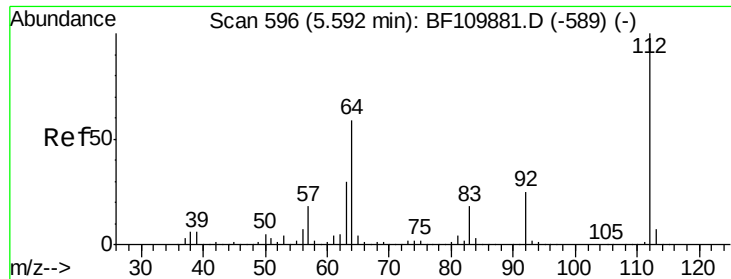
Delta R.T. 0.11 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Tgt Ion:	42	Resp:	314507
Ion Ratio	Lower	Upper	
42	100		
74	126.4	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 87.158 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

PB113927BS

Tgt Ion: 112 Resp: 1176008

Ion Ratio Lower Upper

112 100

64 61.7 44.1 66.1

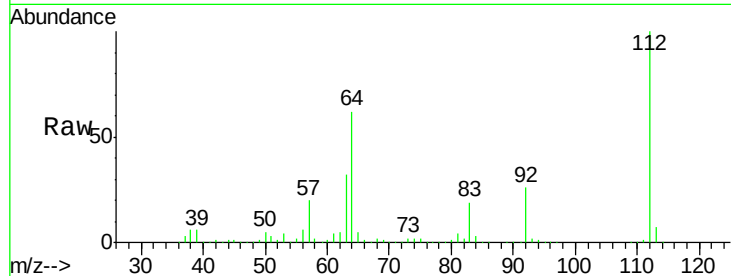
63 31.7 23.7 35.5

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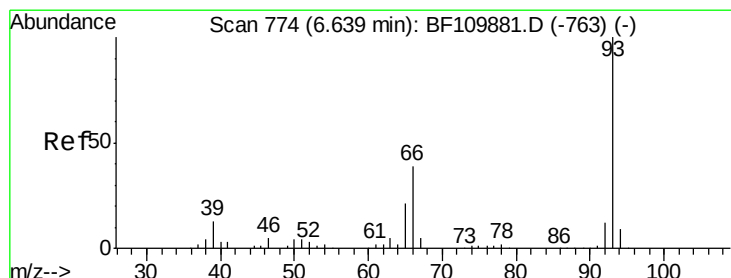
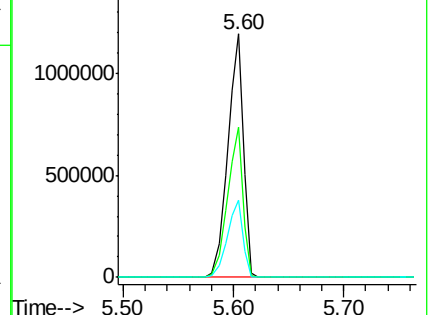
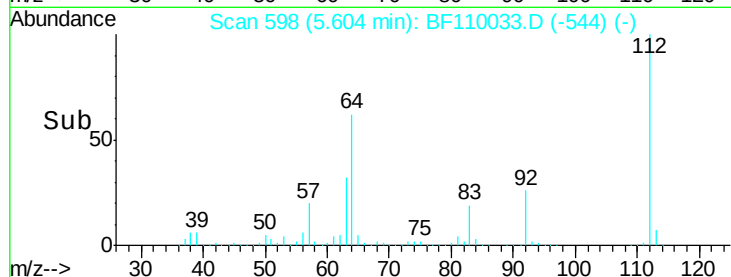
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.898 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

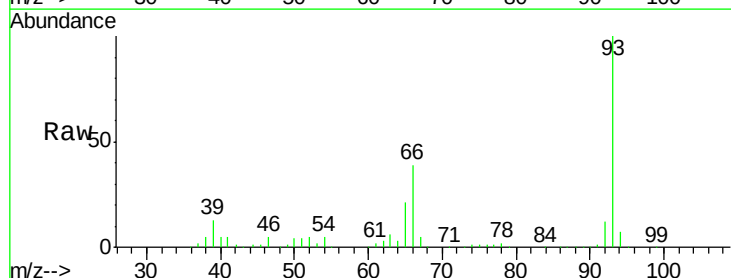
Tgt Ion: 93 Resp: 517008

Ion Ratio Lower Upper

93 100

66 39.3 67.4 101.0#

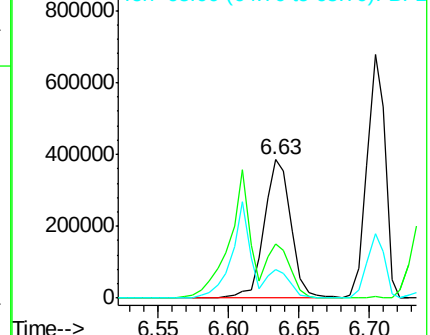
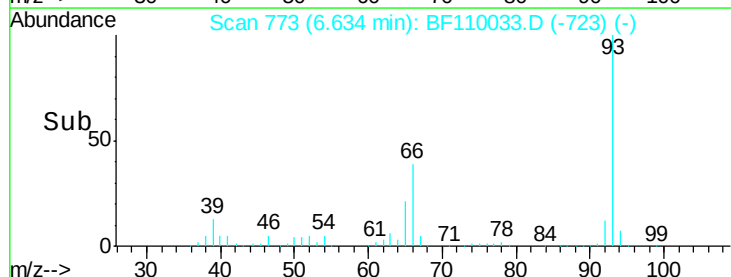
65 20.8 41.0 61.4#

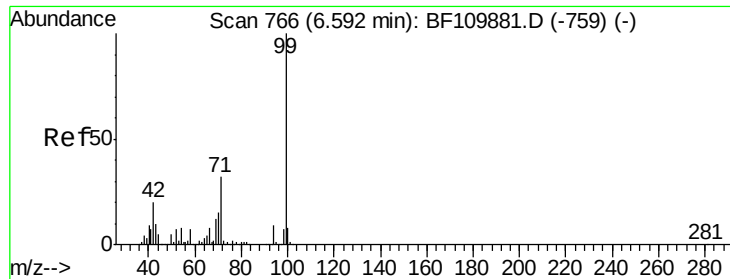


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.221 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

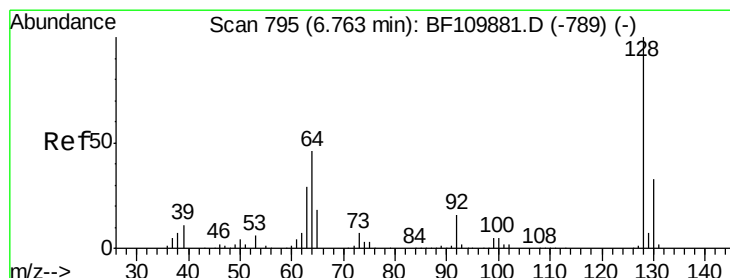
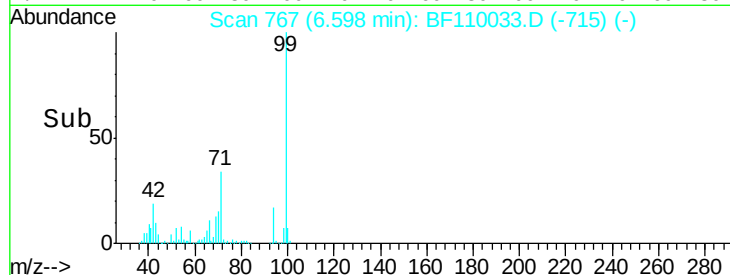
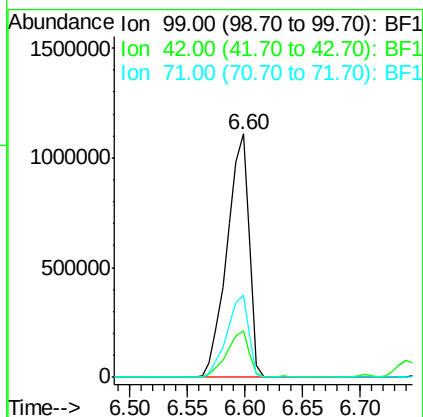
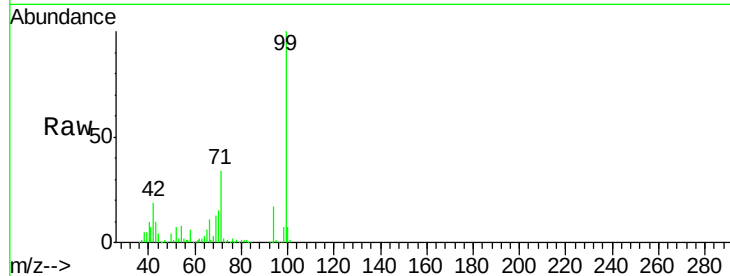
ClientSampled :

PB113927BS

Tgt Ion:	99	Resp:	1461341
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.8	23.6
71	33.8	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.684 ng

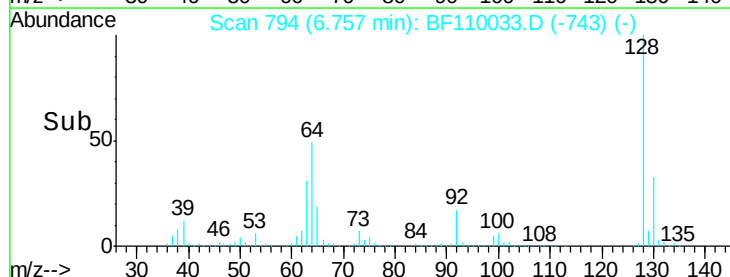
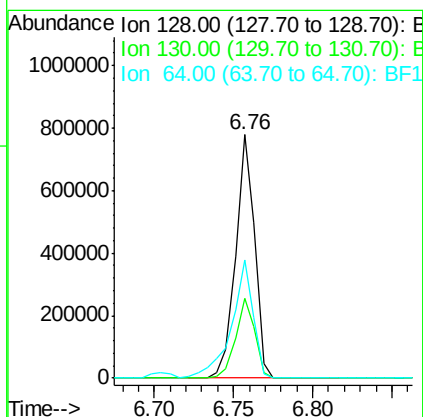
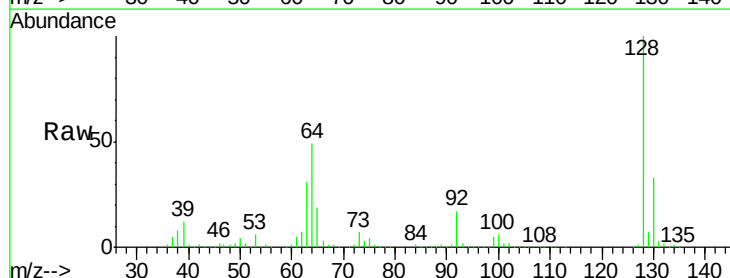
RT: 6.76 min Scan# 794

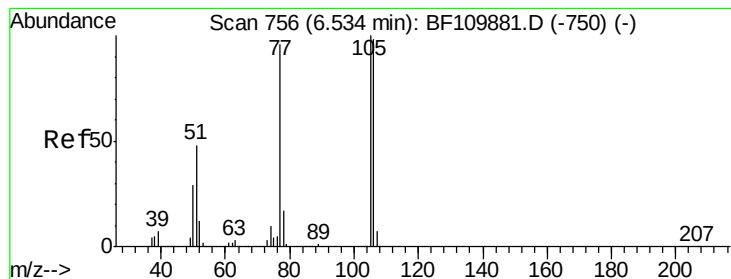
Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Tgt Ion:	128	Resp:	645121
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.1	53.1
64	48.7	26.0	66.0





#9

Benzaldehyde

Concen: 24.498 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110033.D

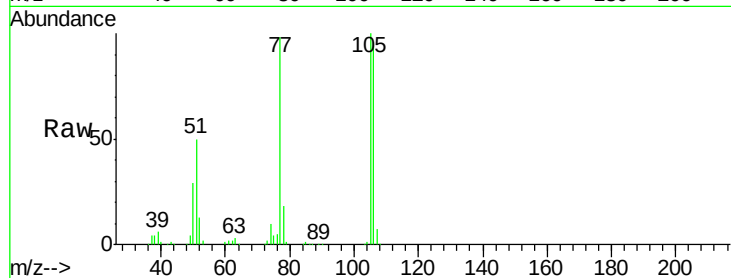
Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

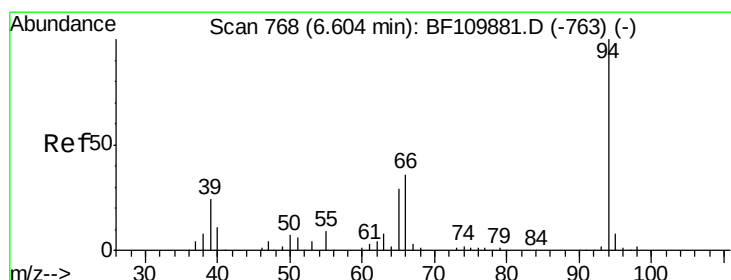
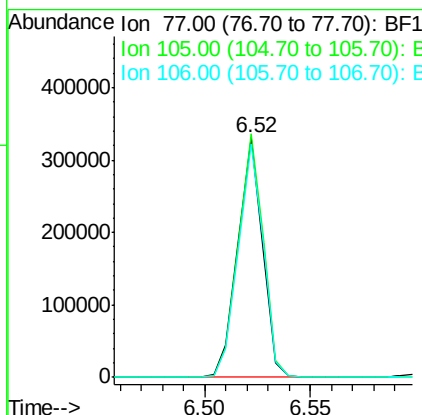
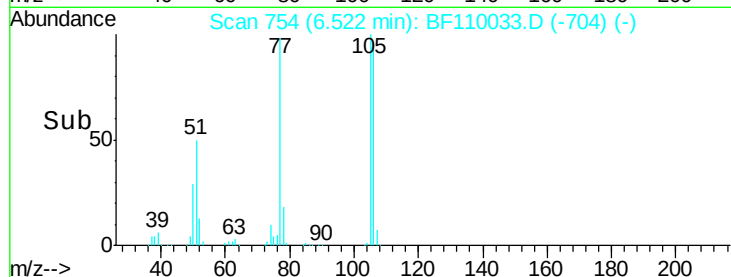
PB113927BS



Tgt Ion:	77	Resp:	266727
Ion	Ratio	Lower	Upper
77	100		
105	101.6	78.6	118.6
106	97.6	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 41.916 ng

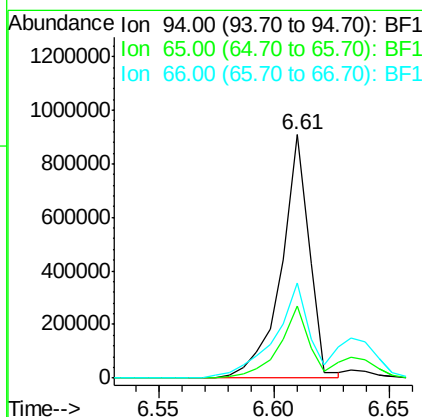
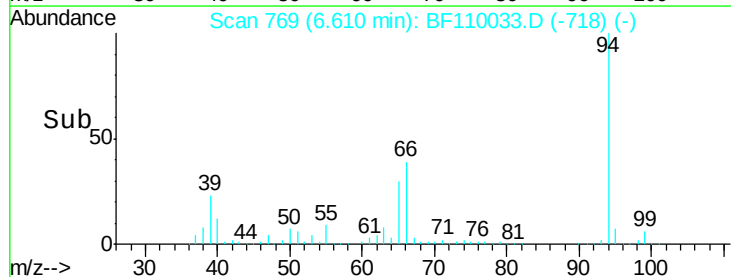
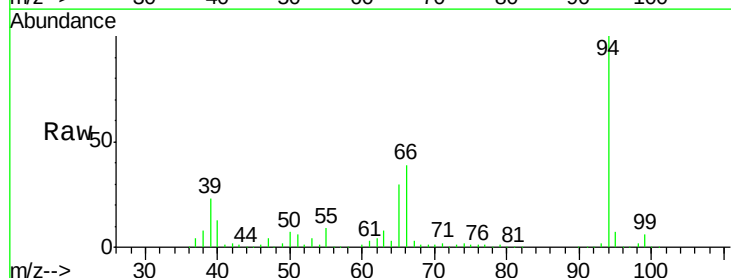
RT: 6.61 min Scan# 769

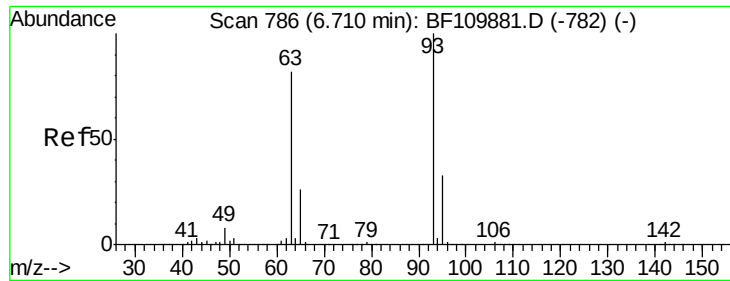
Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Tgt Ion:	94	Resp:	758229
Ion	Ratio	Lower	Upper
94	100		
65	29.6	25.3	65.3
66	39.2	54.5	94.5#





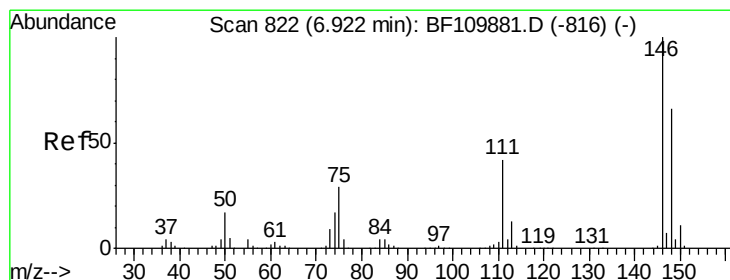
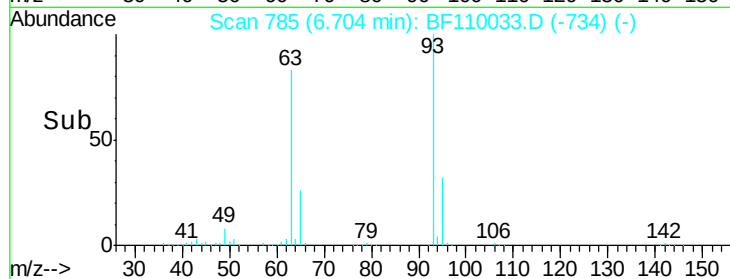
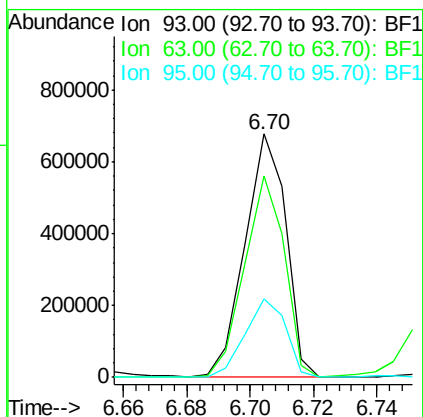
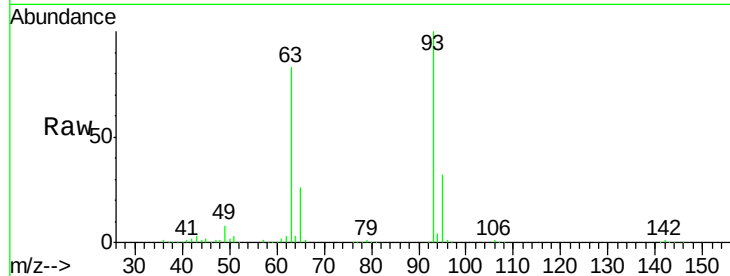
#11
bis(2-Chloroethyl)ether
Concen: 40.079 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	82.6	53.4	93.4
95	32.5	12.1	52.1

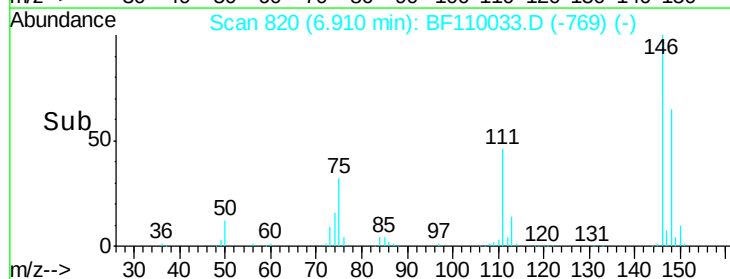
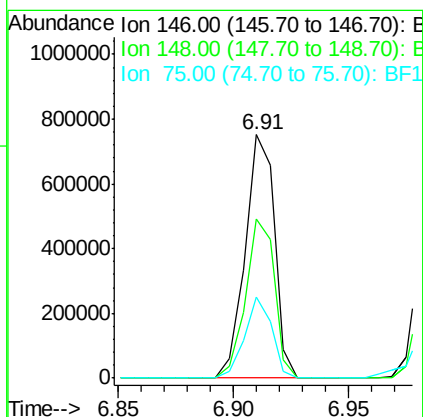
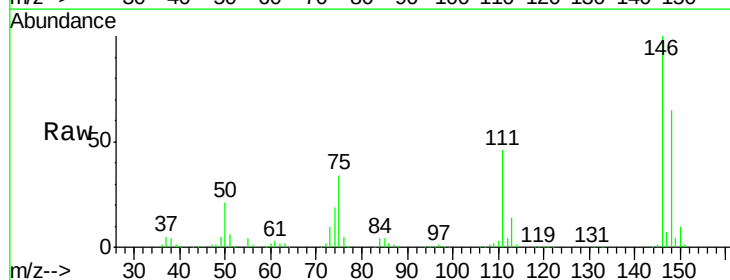
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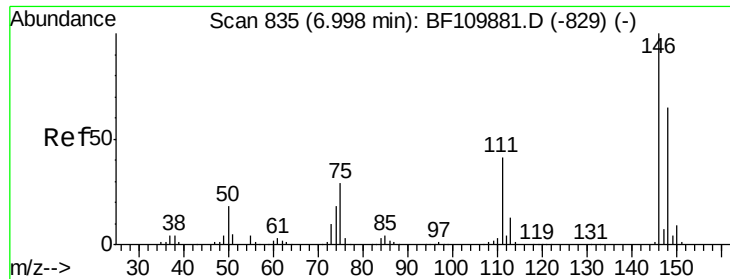
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#12
1,3-Dichlorobenzene
Concen: 40.415 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.3	50.4	75.6
75	33.5	25.8	38.6





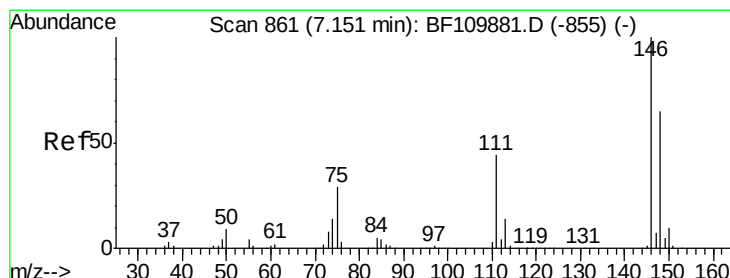
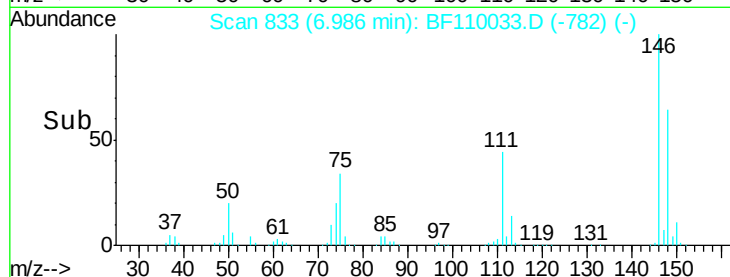
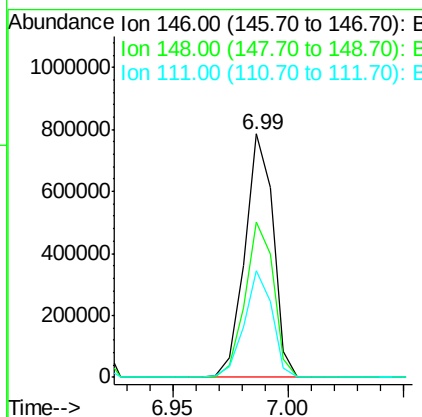
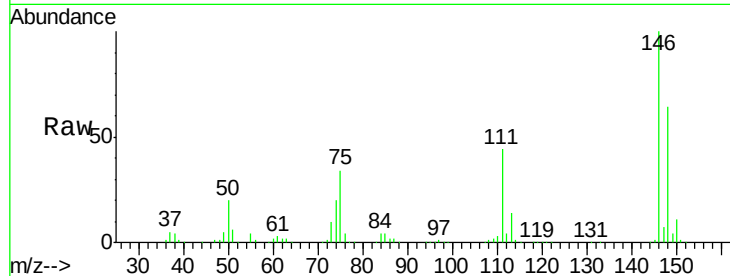
#13
 1,4-Dichlorobenzene
 Concen: 40.521 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	43.8	32.7	49.1

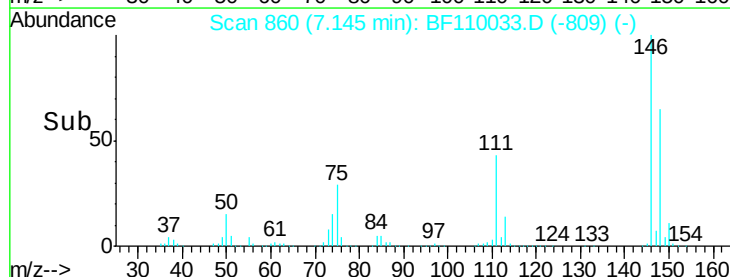
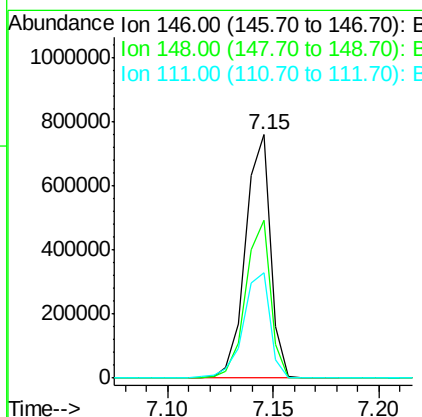
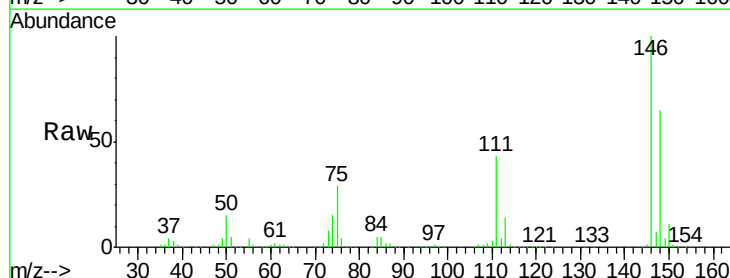
Manual Integrations
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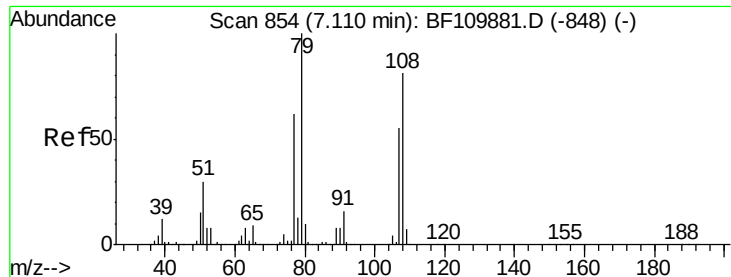
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#14
 1,2-Dichlorobenzene
 Concen: 40.604 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	43.2	35.8	53.6





#15

Benzyl Alcohol

Concen: 43.212 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

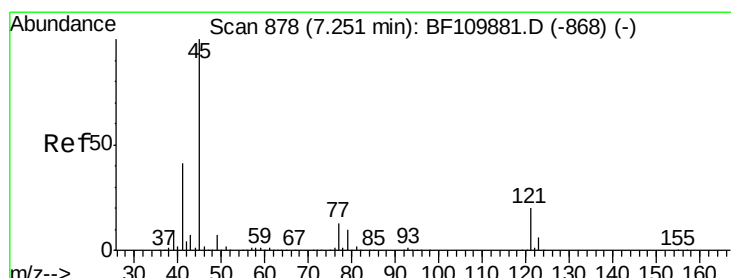
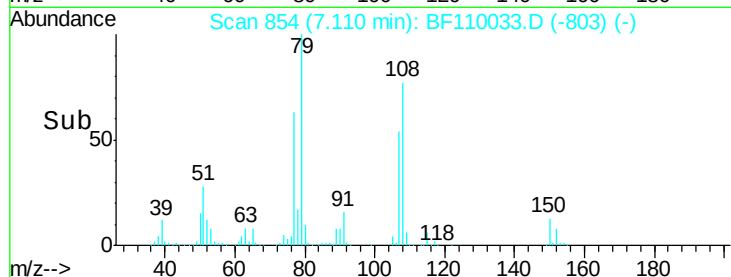
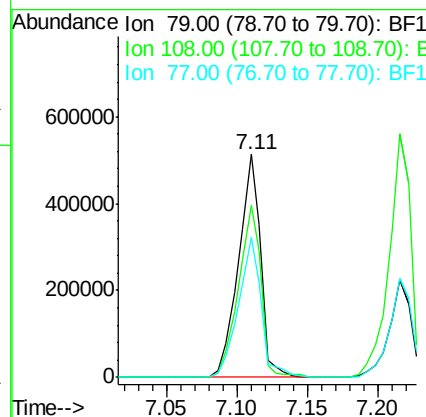
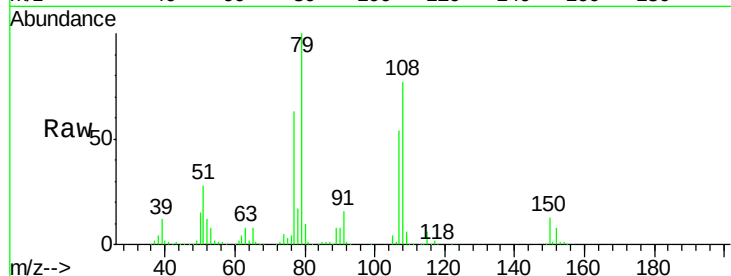
ClientSampleId :

PB113927BS

Tgt Ion:	79	Resp:	557000
Ion Ratio	Lower	Upper	
79	100		
108	76.8	56.3	84.5
77	62.6	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.681 ng

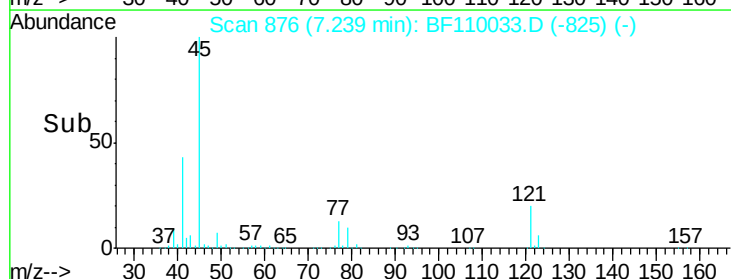
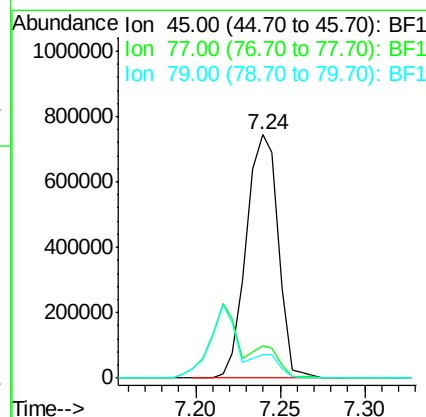
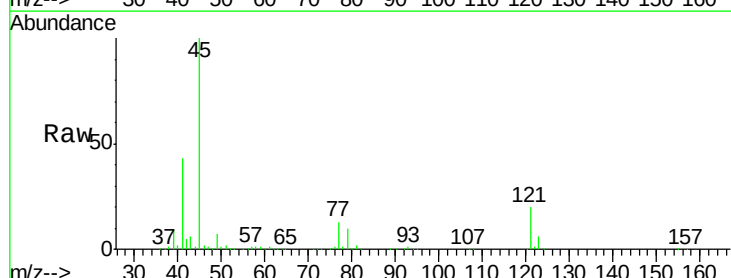
RT: 7.24 min Scan# 876

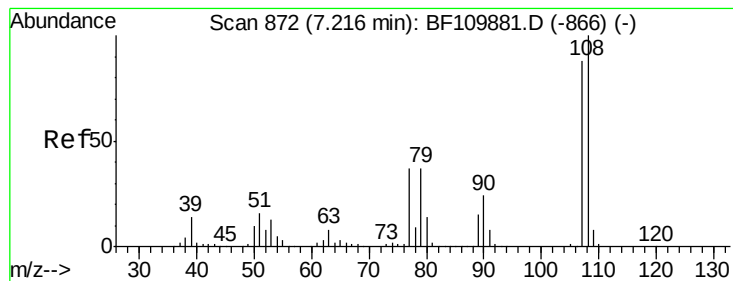
Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Tgt Ion:	45	Resp:	985090
Ion Ratio	Lower	Upper	
45	100		
77	13.1	10.0	50.0
79	9.7	6.1	46.1





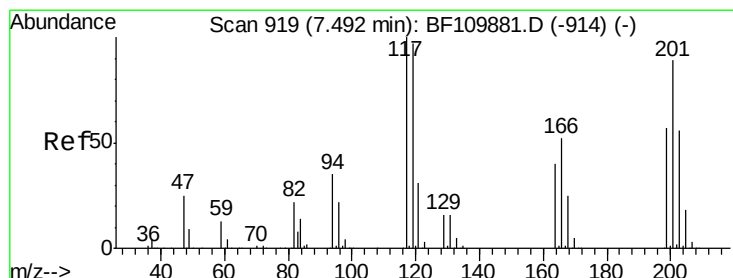
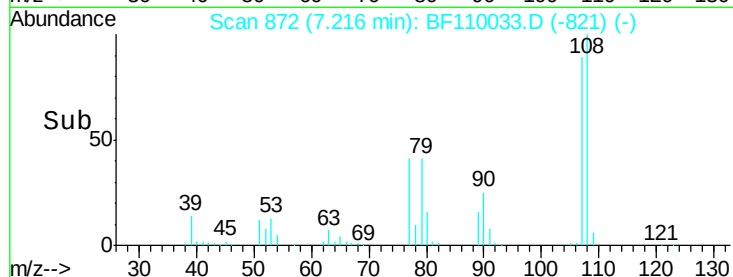
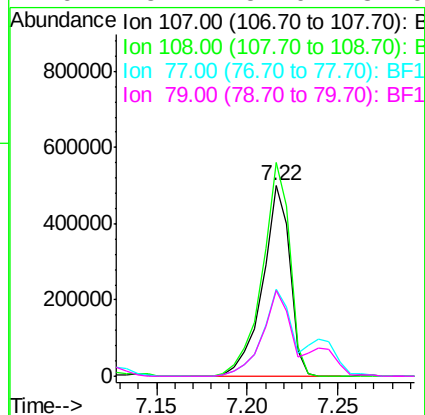
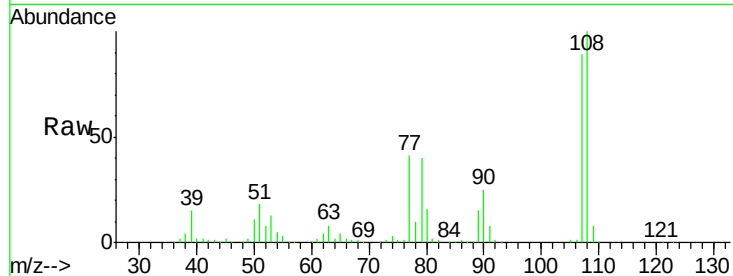
#17
2-Methylphenol
Concen: 42.948 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.3	92.6	138.8
77	45.7	59.4	89.2#
79	45.1	54.0	81.0#

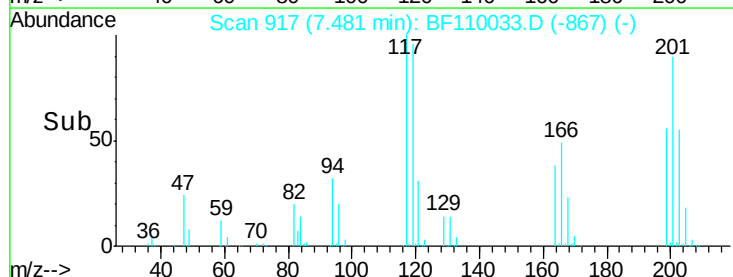
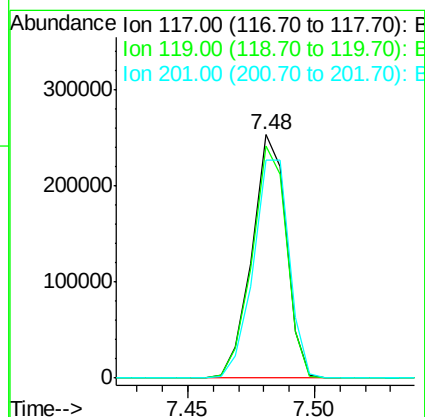
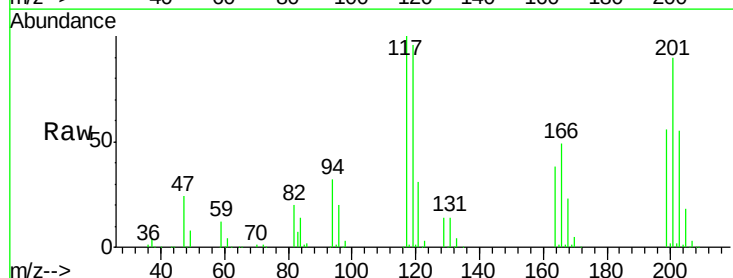
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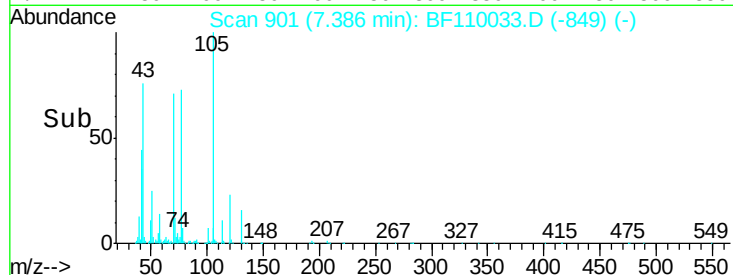
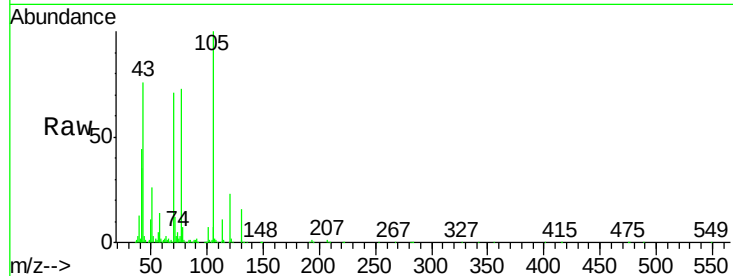
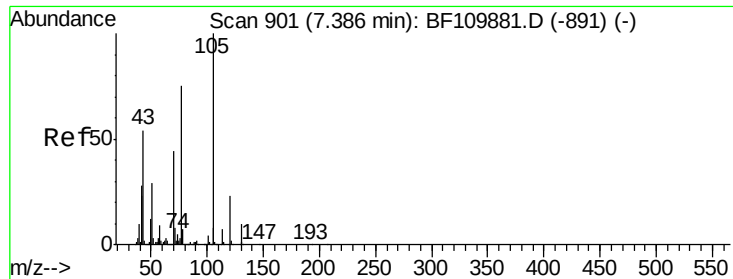
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#18
Hexachloroethane
Concen: 40.702 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.5	75.0	112.6
201	89.7	79.2	118.8





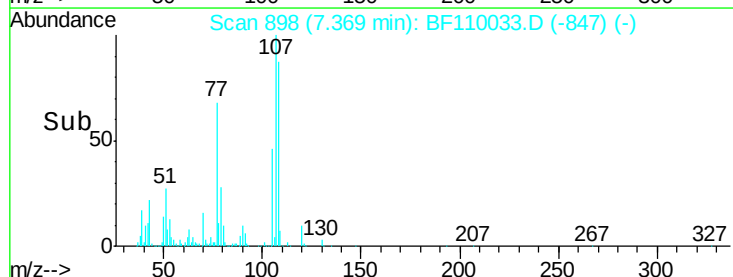
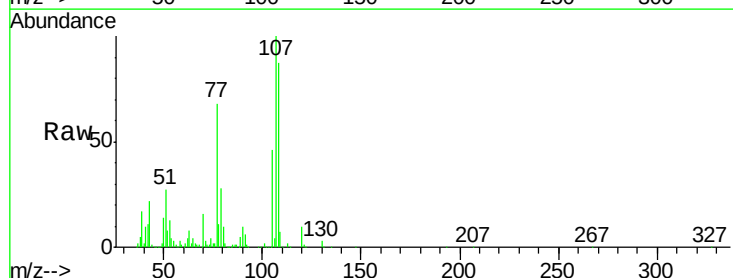
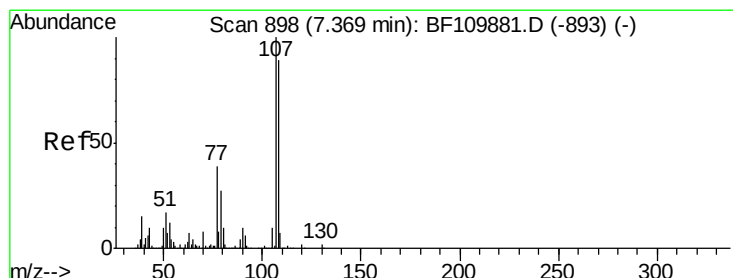
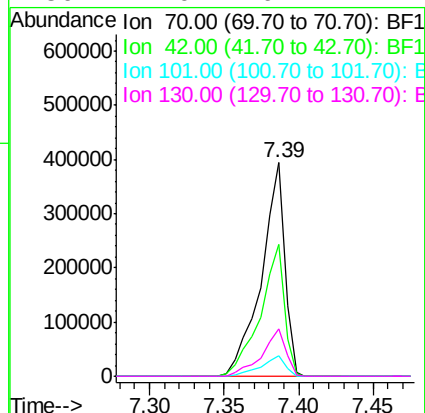
#19
n-Nitroso-di-n-propylamine
Concen: 39.489 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.4	71.2
101	9.9	7.3	10.9
130	22.0	16.2	24.2

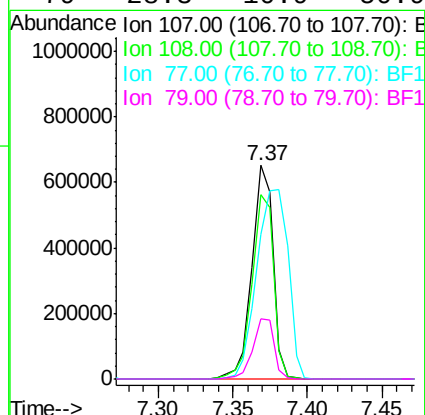
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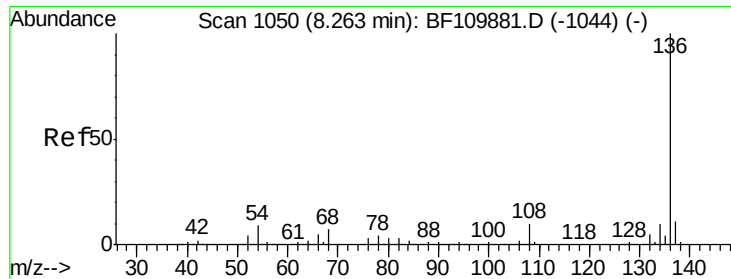
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#20
3+4-Methylphenols
Concen: 40.991 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	71.4	111.4
77	68.0	47.3	87.3
79	28.3	10.9	50.9





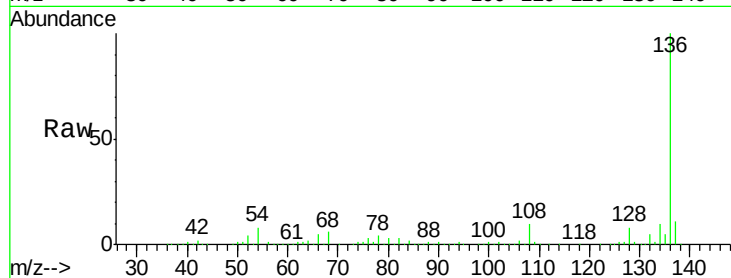
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

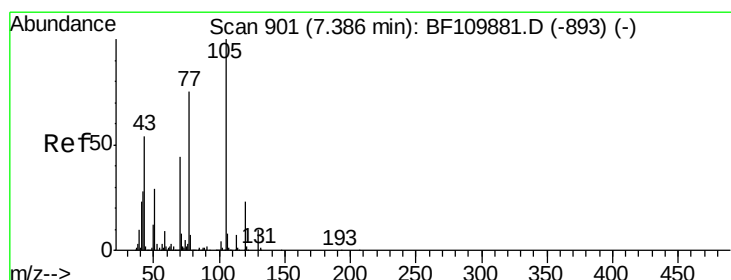
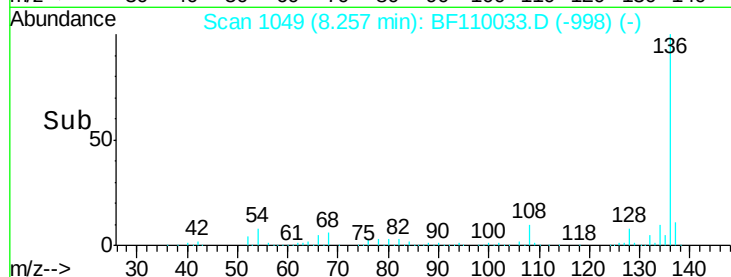
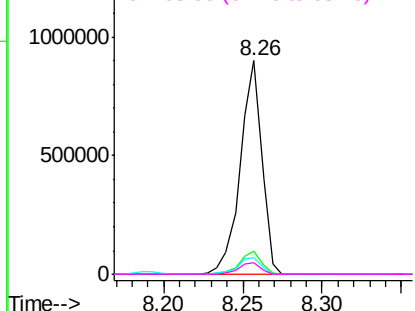
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	845306		
137	11.0		8.8	13.2
54	7.8		5.4	8.2
68	5.6		4.2	6.2

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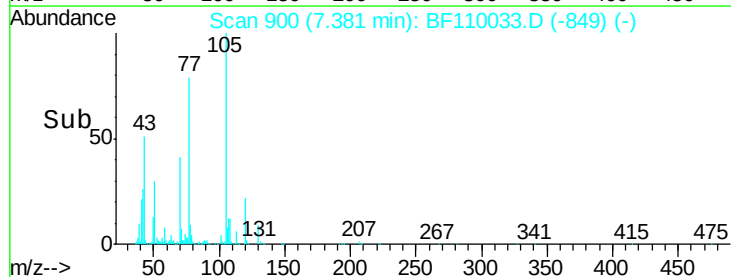
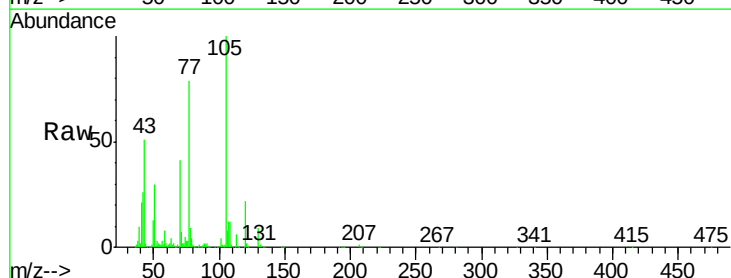
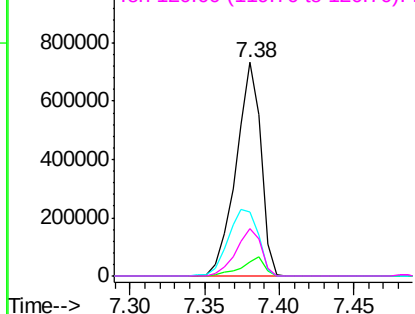
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

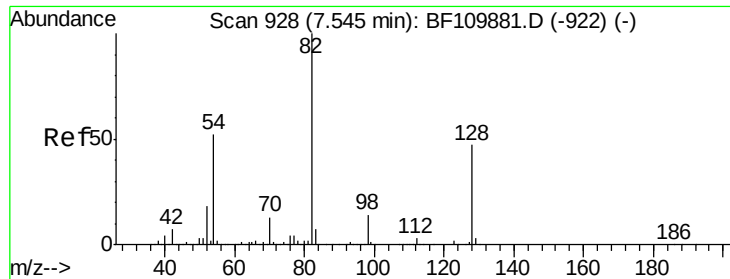


#22
Acetophenone
Concen: 43.461 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	851971		
71	6.8		5.2	7.8
51	29.9		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





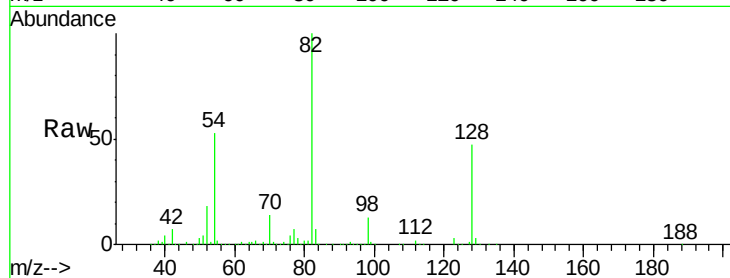
#23
 Nitrobenzene-d5
 Concen: 103.051 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

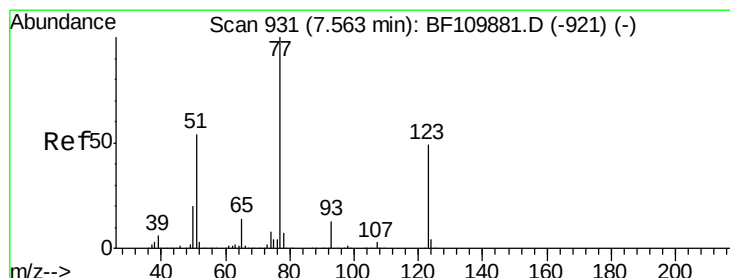
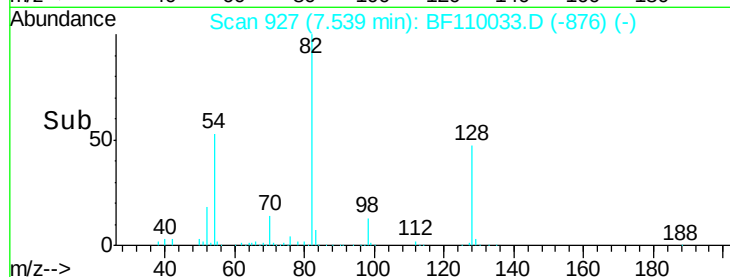
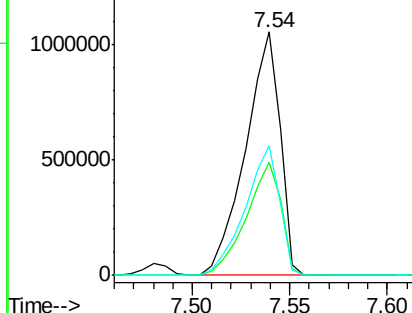
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.2	51.2
54	53.2	38.6	58.0

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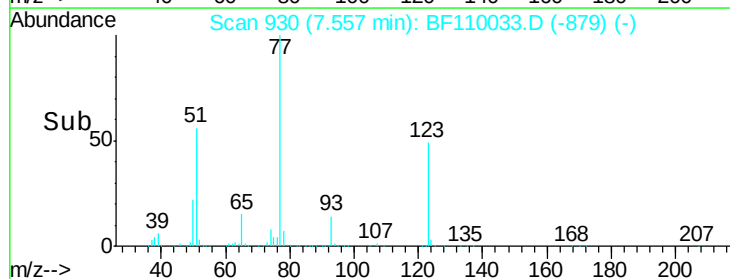
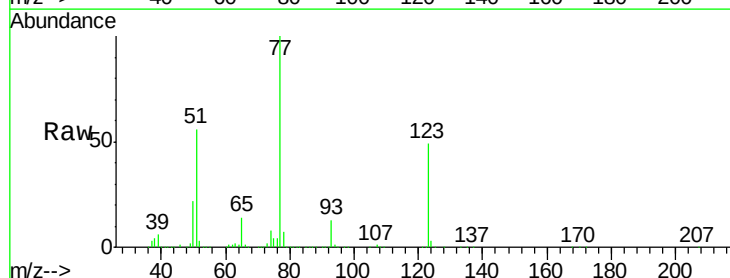
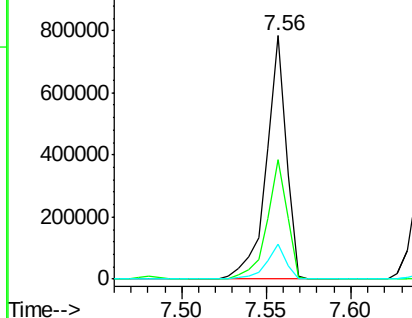
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

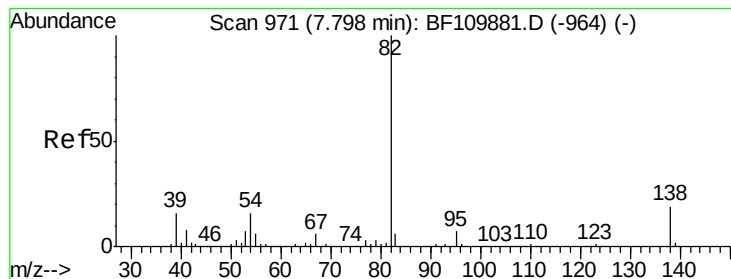


#24
 Nitrobenzene
 Concen: 46.668 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	35.7	53.5
65	14.5	10.7	16.1

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.406 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

PB113927BS

Tgt Ion: 82 Resp: 1193498

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

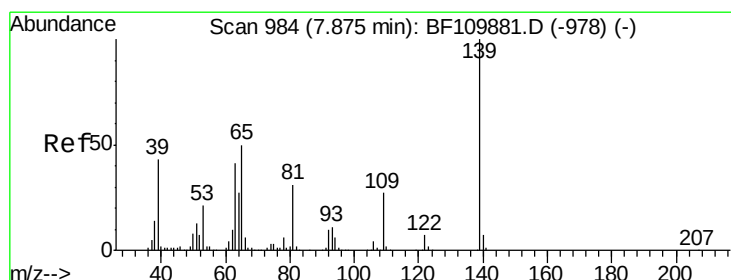
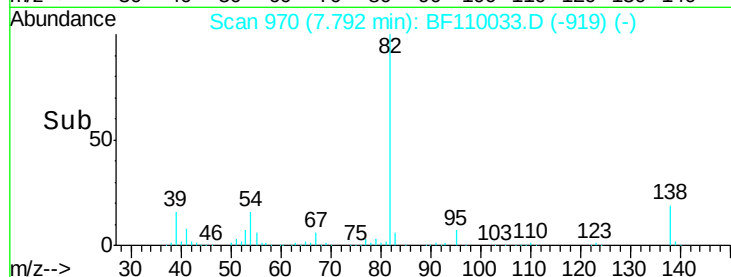
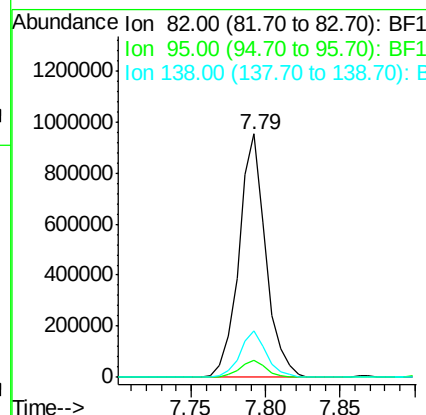
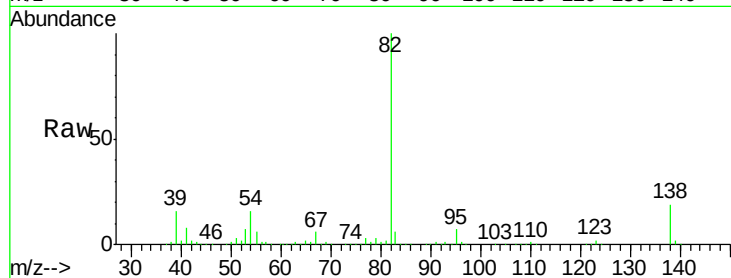
138 19.2 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 55.281 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

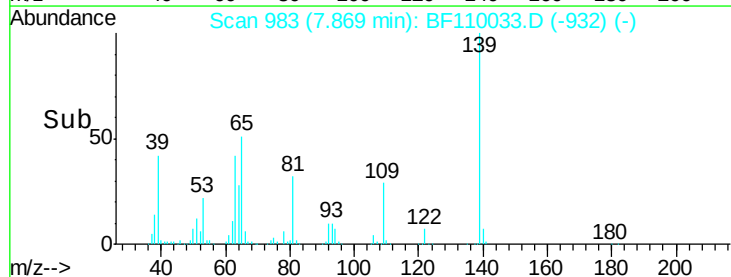
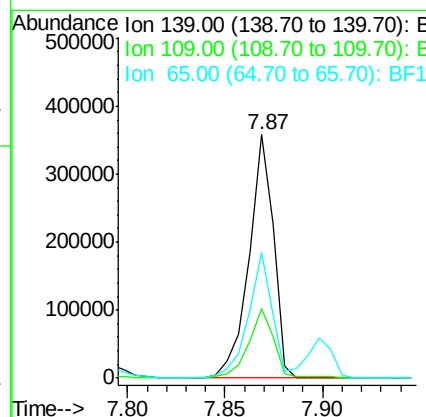
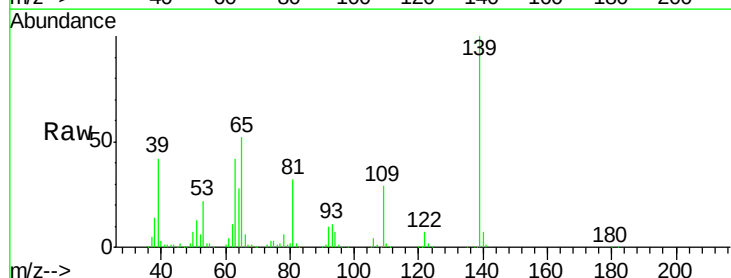
Tgt Ion: 139 Resp: 312450

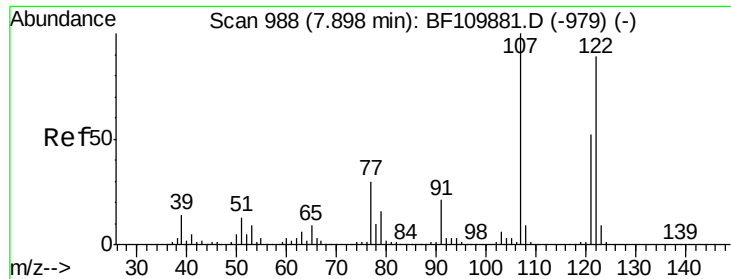
Ion Ratio Lower Upper

139 100

109 28.8 25.0 37.6

65 51.6 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 48.604 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

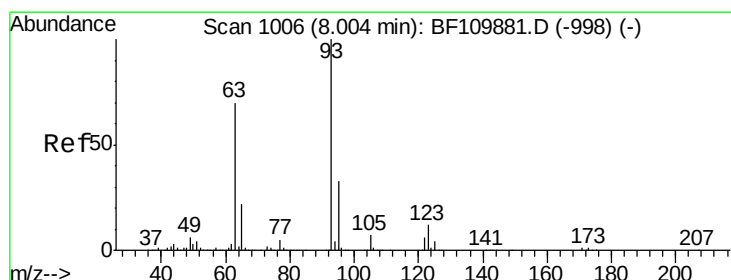
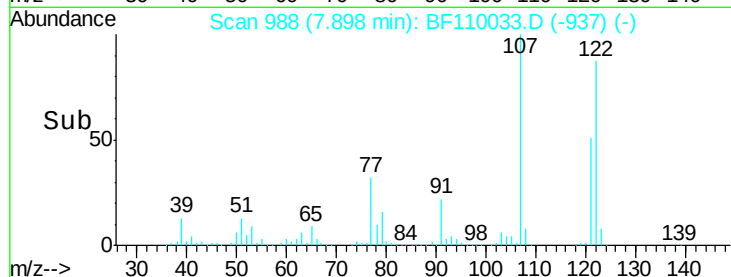
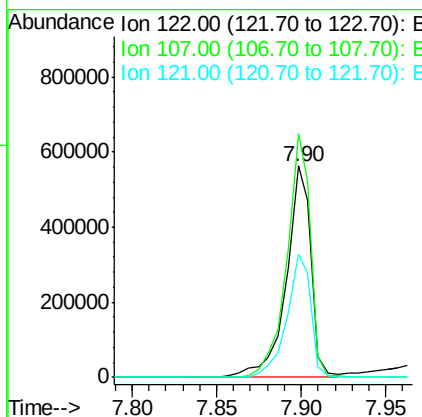
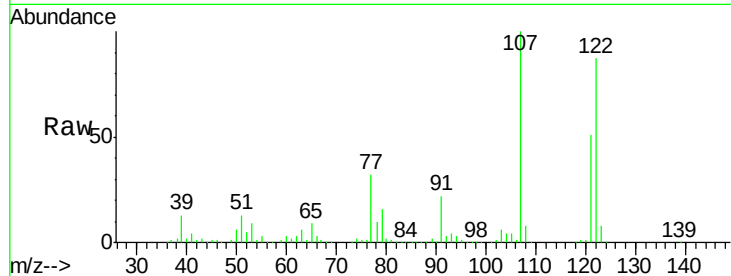
ClientSampleId :

PB113927BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.1	92.5	138.7
121	58.5	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.069 ng

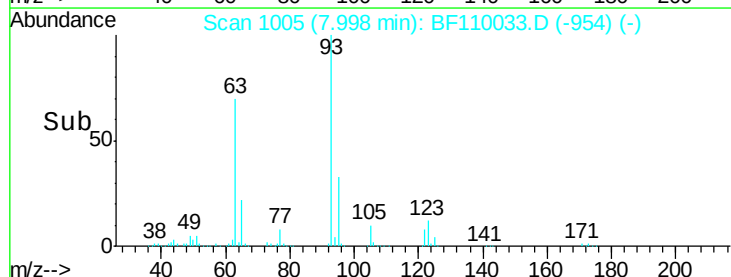
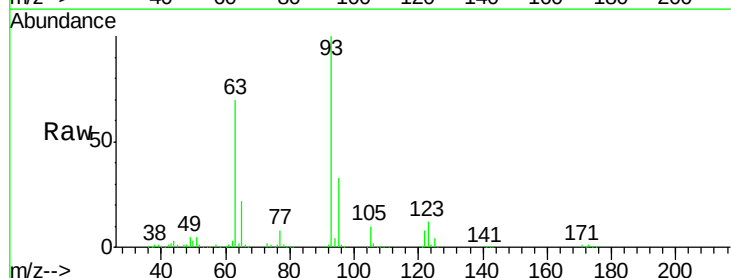
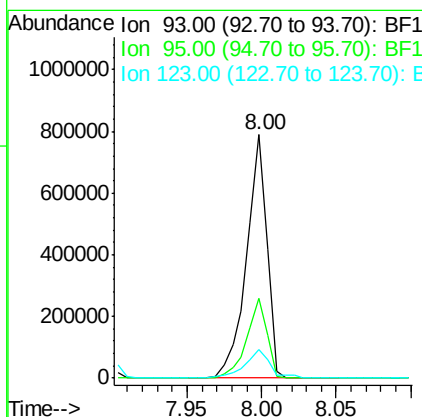
RT: 8.00 min Scan# 1005

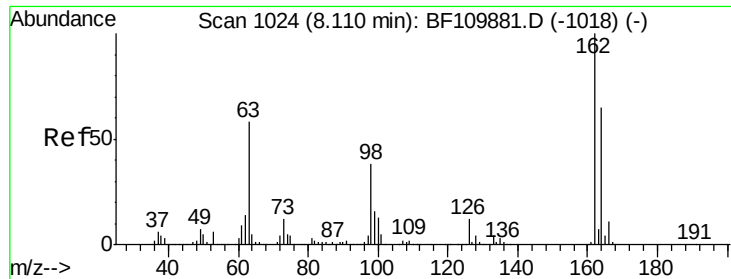
Delta R.T. -0.00 min

Lab File: BF110033.D

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Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.8	9.0	13.6





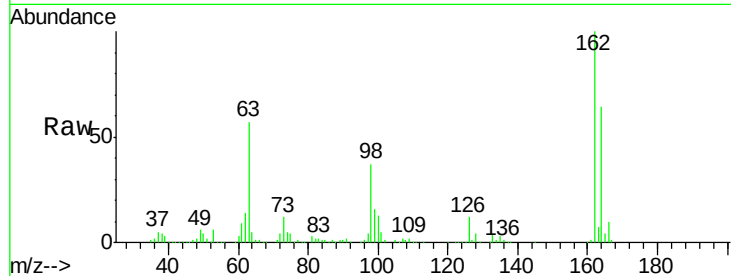
#29
2,4-Dichlorophenol
Concen: 43.974 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

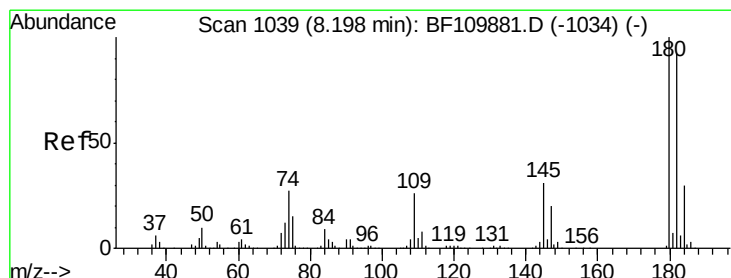
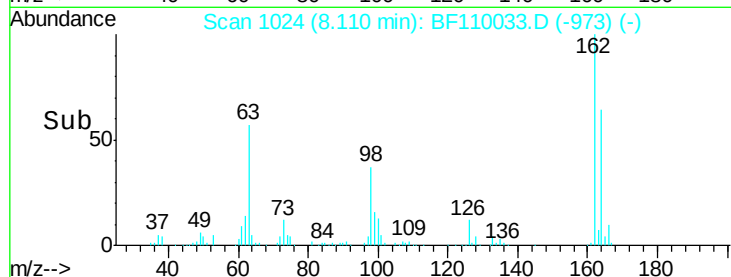
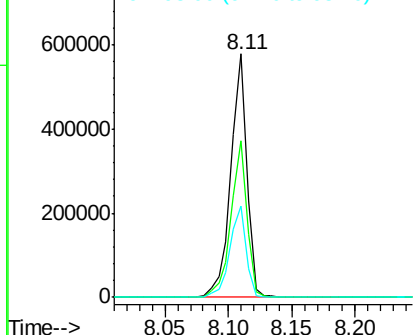
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	44.6	84.6
98	37.3	17.4	57.4

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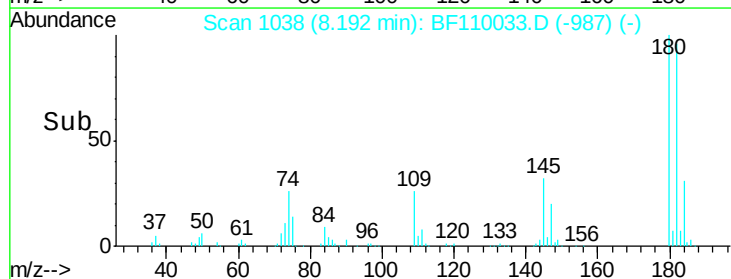
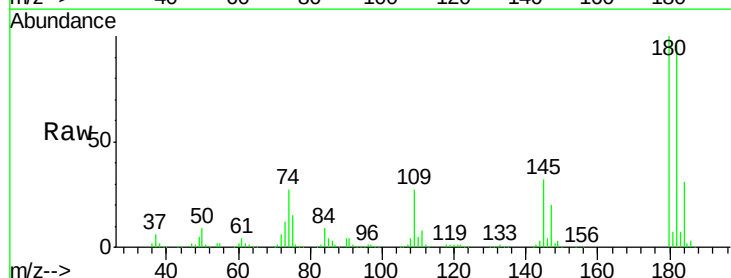
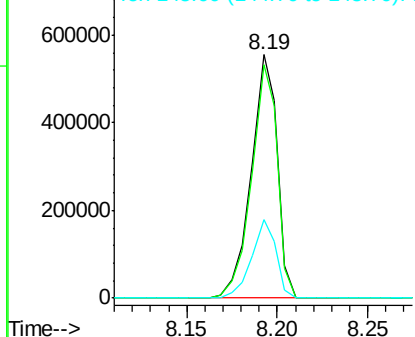
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

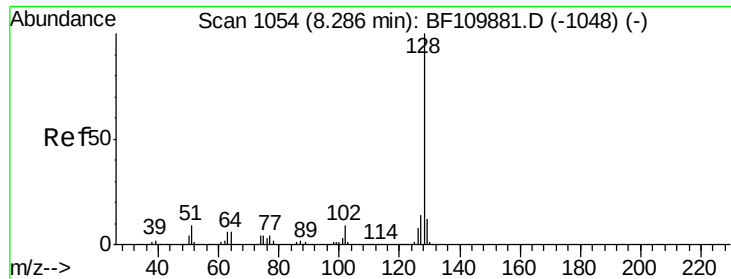


#30
1,2,4-Trichlorobenzene
Concen: 42.739 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	80.3	120.5
145	32.1	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





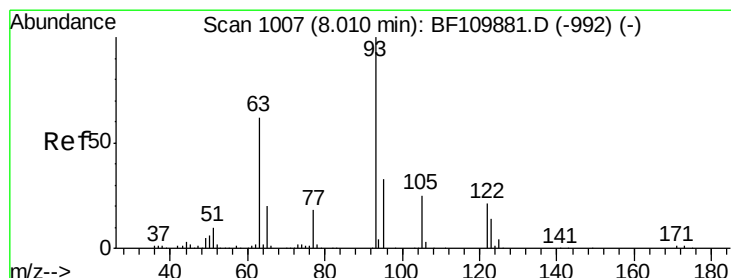
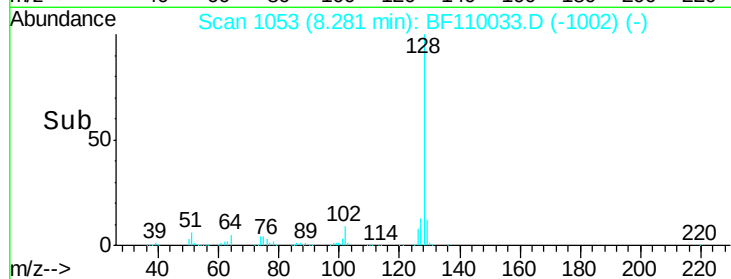
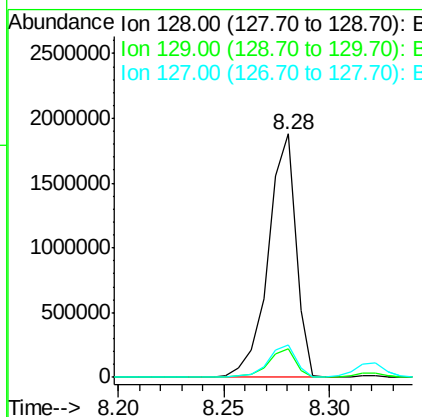
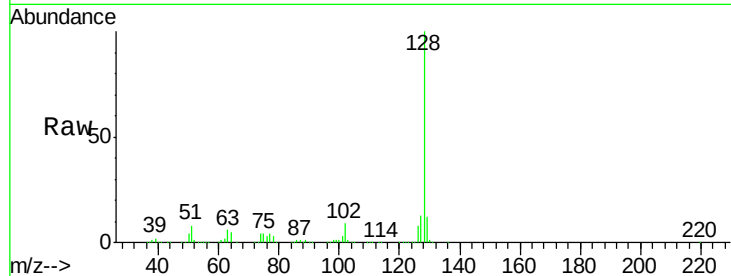
#31
Naphthalene
Concen: 44.478 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion:128 Resp: 1724098
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.5 10.8 16.2

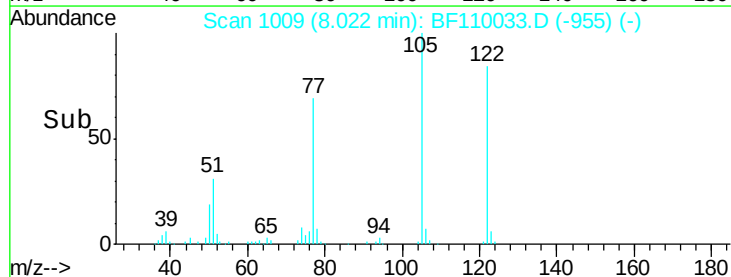
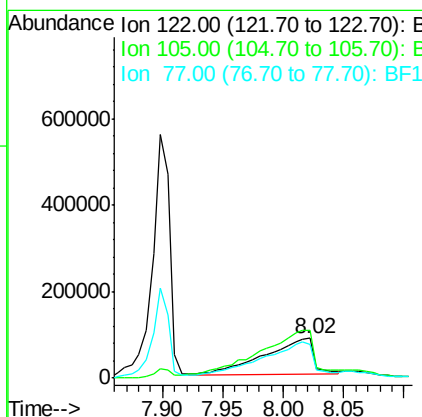
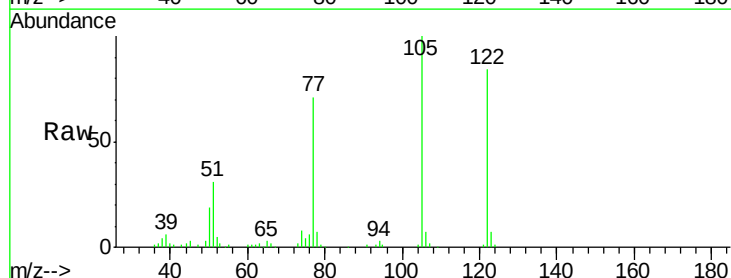
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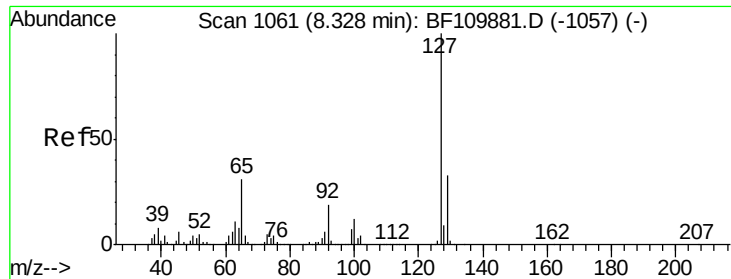
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#32
Benzoic acid
Concen: 32.917 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:122 Resp: 243571
Ion Ratio Lower Upper
122 100
105 119.3 109.0 149.0
77 84.2 79.0 119.0





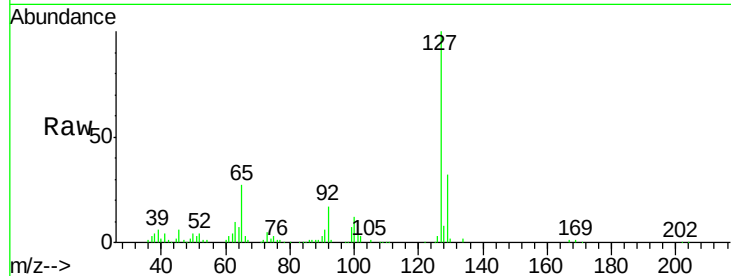
#33
4-Chloroaniline
Concen: 6.704 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

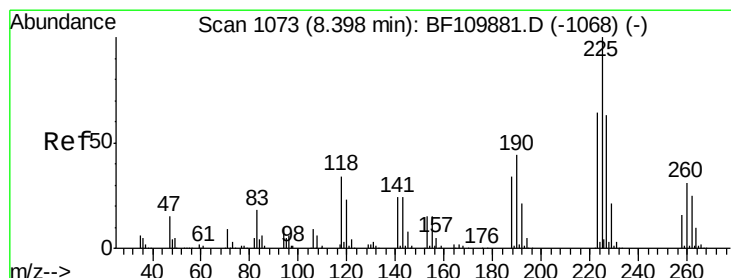
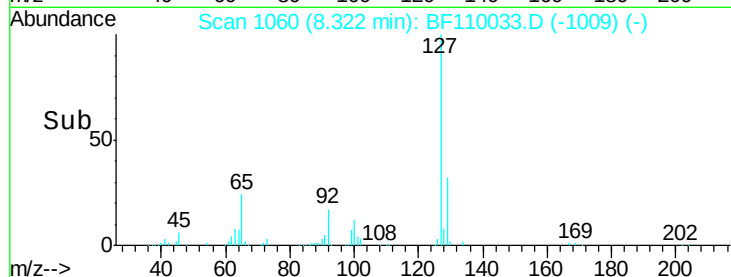
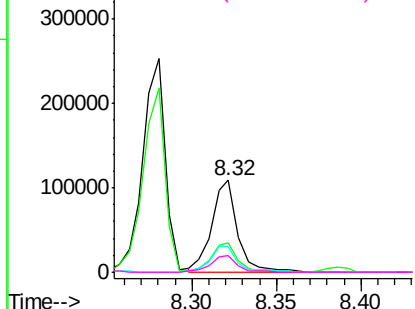
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	116824		
129	31.7	26.0	39.0	
65	27.3	25.1	37.7	
92	17.5	15.0	22.6	

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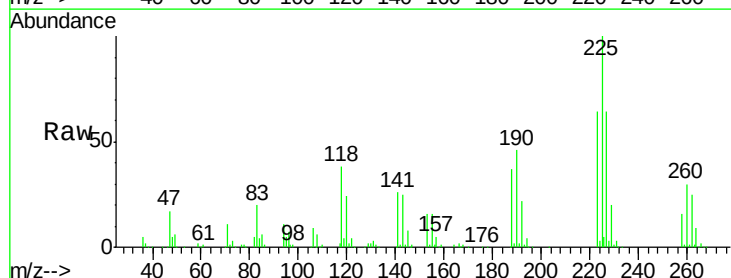


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

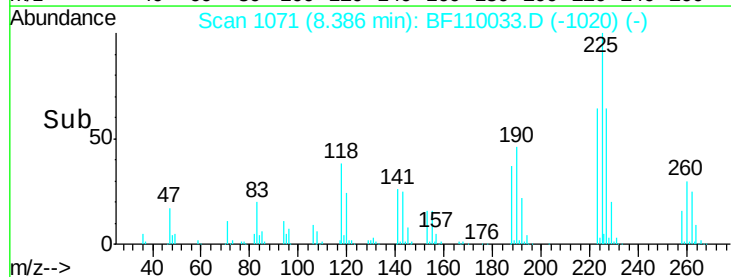
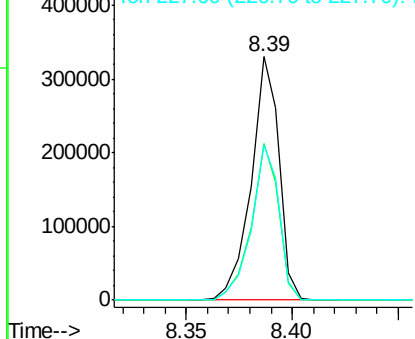


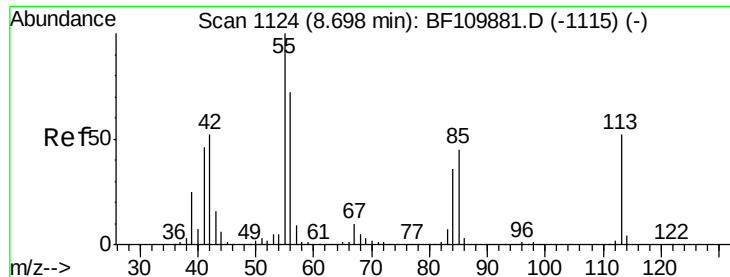
#34
Hexachlorobutadiene
Concen: 42.590 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	302958		
223	64.4	51.4	77.2	
227	63.6	51.0	76.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





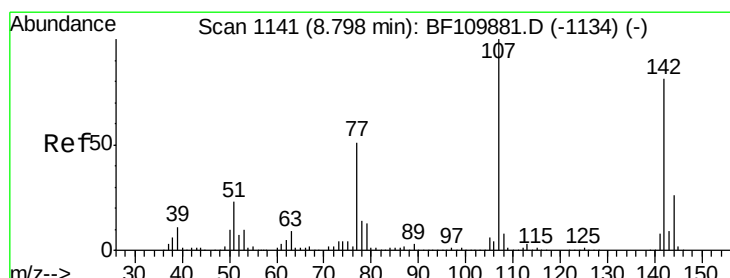
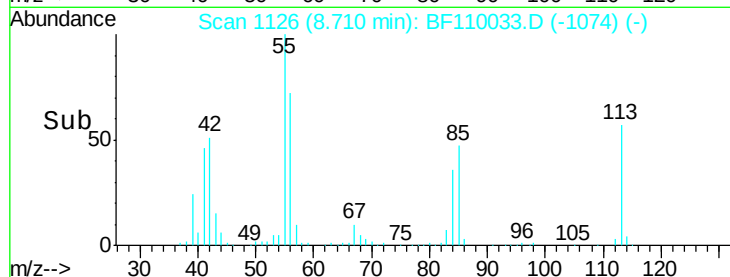
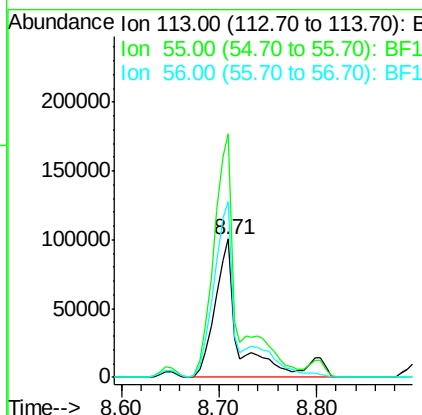
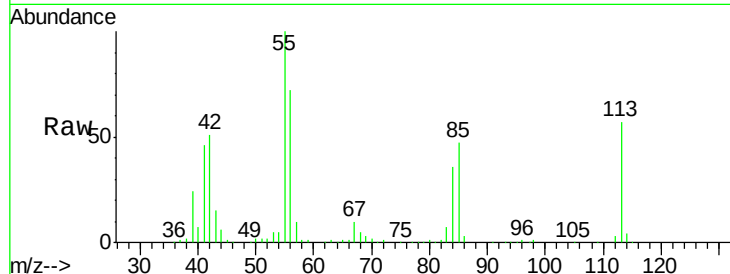
#35
 Caprolactam
 Concen: 43.725 ng m
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

Tgt Ion:113 Resp: 178907
 Ion Ratio Lower Upper
 113 100
 55 175.8 142.8 182.8
 56 126.6 105.0 145.0

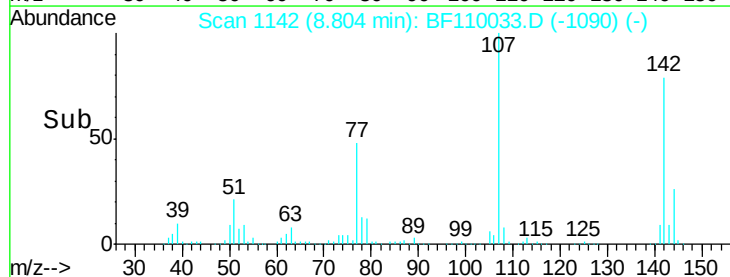
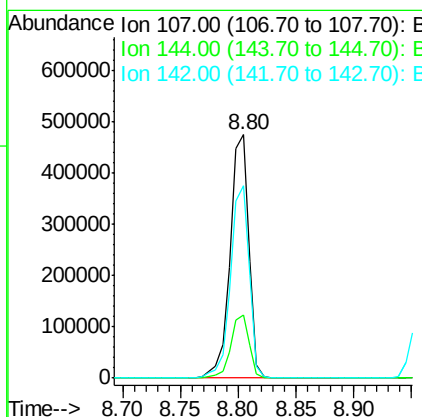
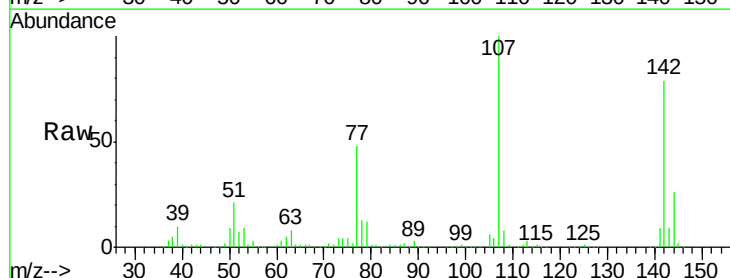
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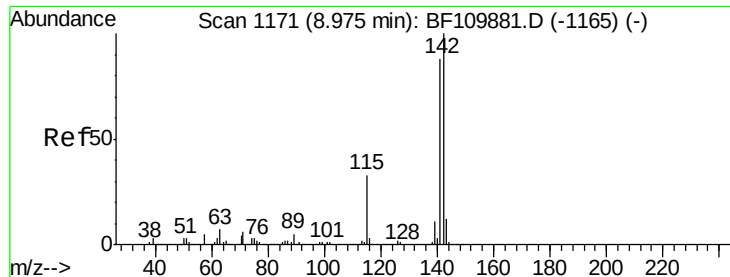
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#36
 4-Chloro-3-methylphenol
 Concen: 43.728 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion:107 Resp: 531468
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.0 30.0
 142 79.1 59.7 89.5





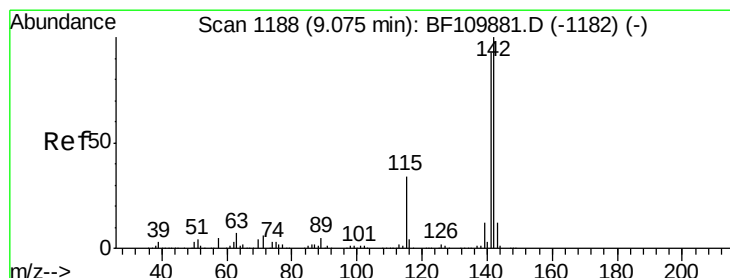
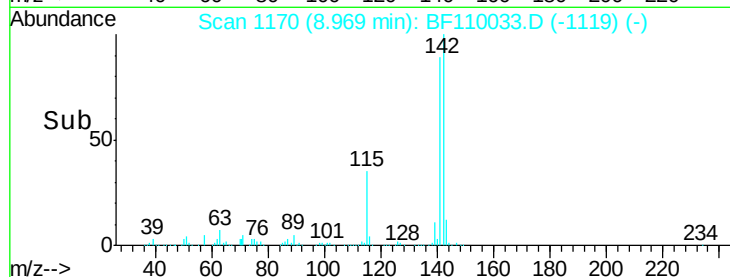
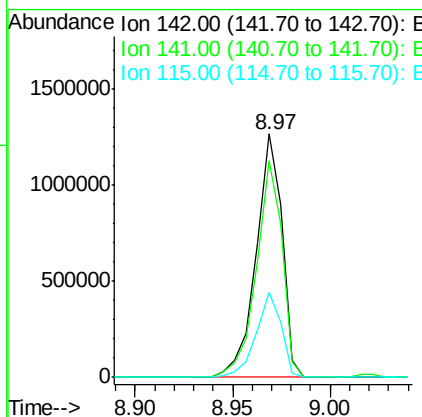
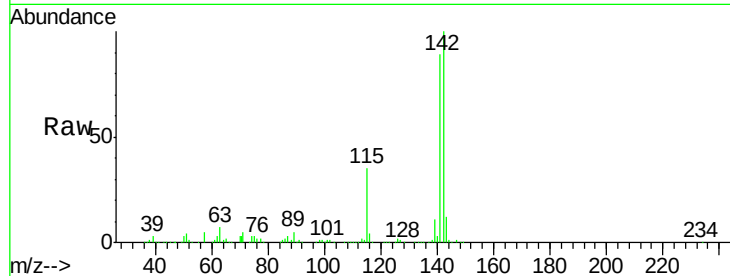
#37
2-Methylnaphthalene
Concen: 46.544 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion:142 Resp: 1168262
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2
115 34.8 28.7 43.1

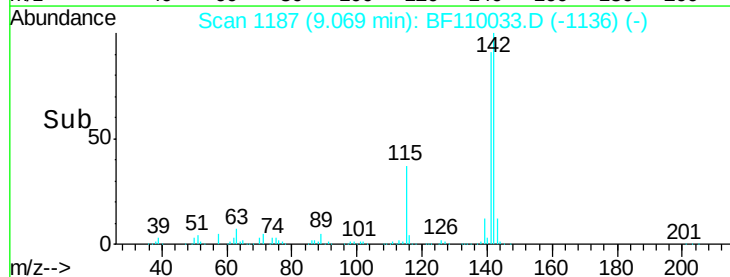
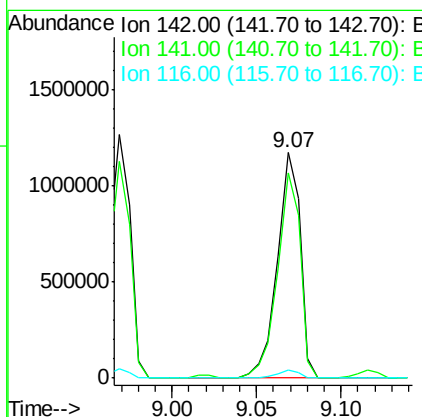
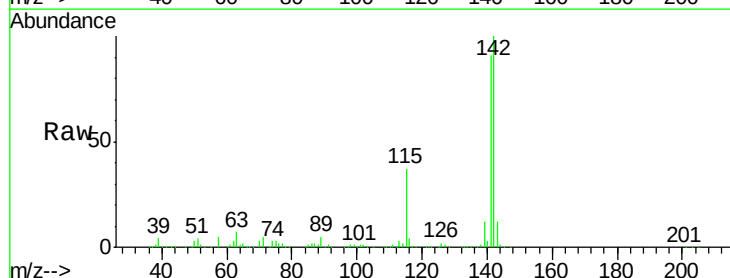
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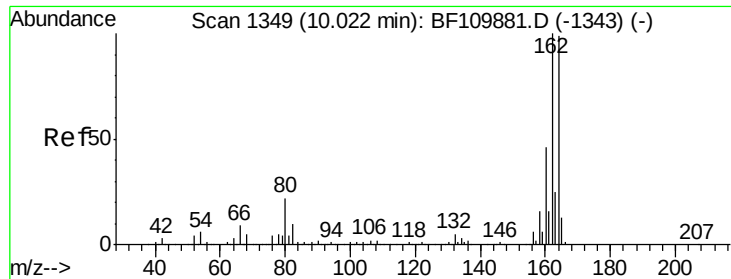
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#38
1-Methylnaphthalene
Concen: 45.631 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:142 Resp: 1109821
Ion Ratio Lower Upper
142 100
141 91.0 74.2 111.4
116 3.8 2.6 4.0





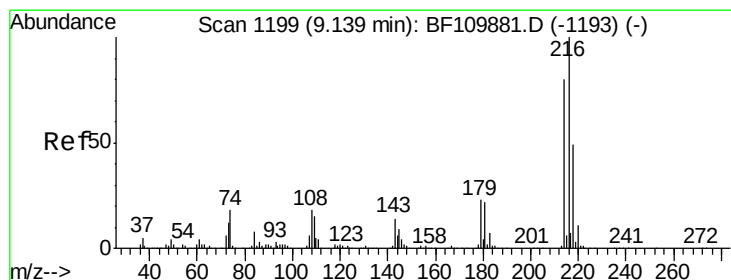
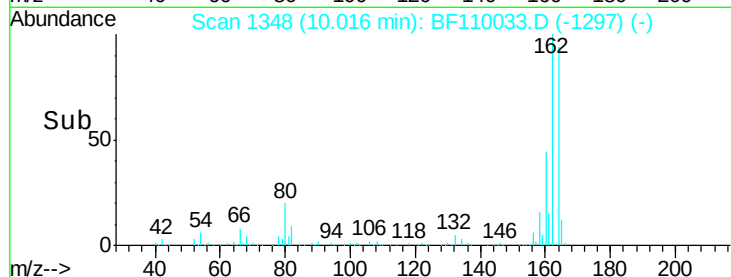
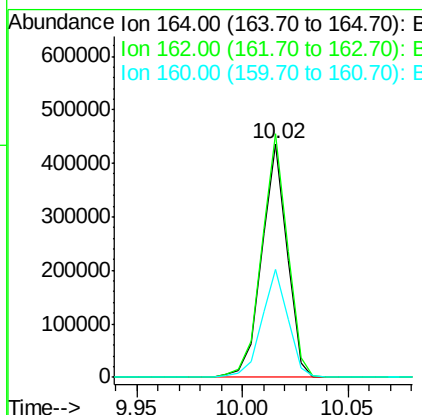
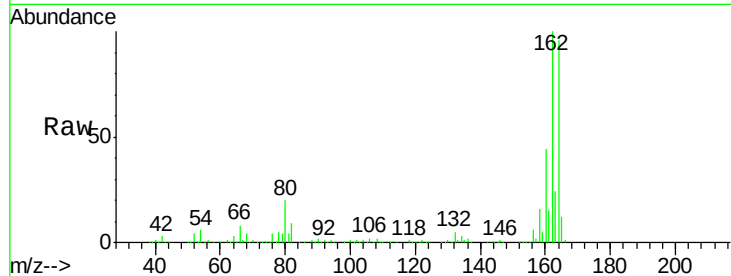
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	366022		
162	104.2	83.0	124.6	
160	46.1	37.0	55.6	

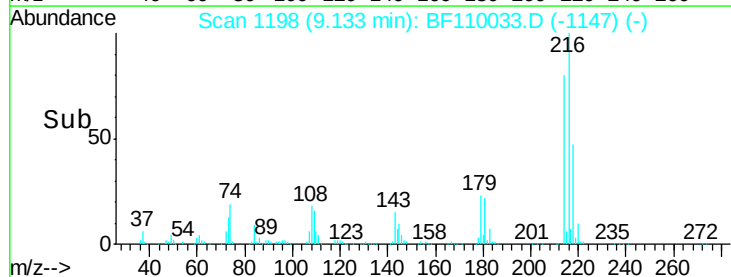
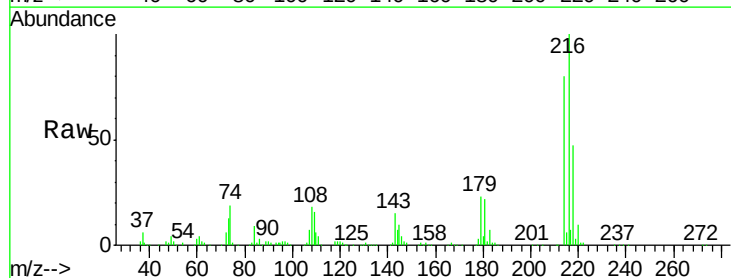
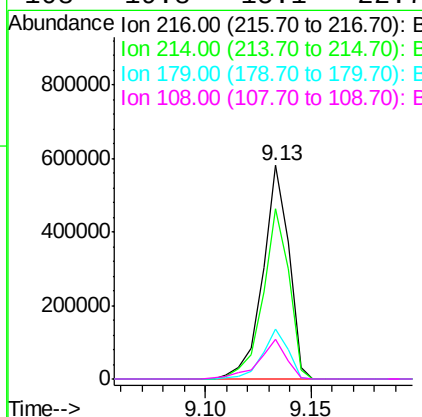
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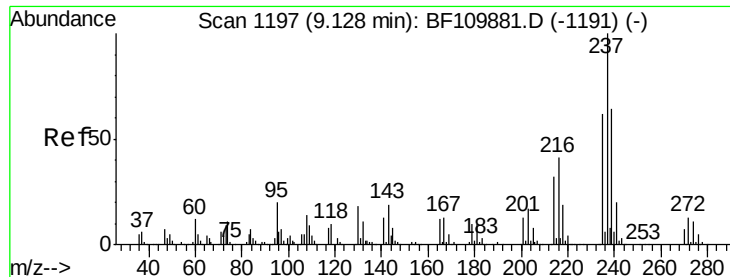
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.261 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	498998		
214	79.7	63.8	95.6	
179	23.0	16.6	25.0	
108	19.8	15.1	22.7	





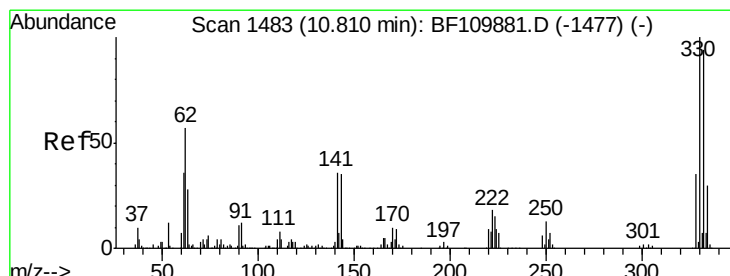
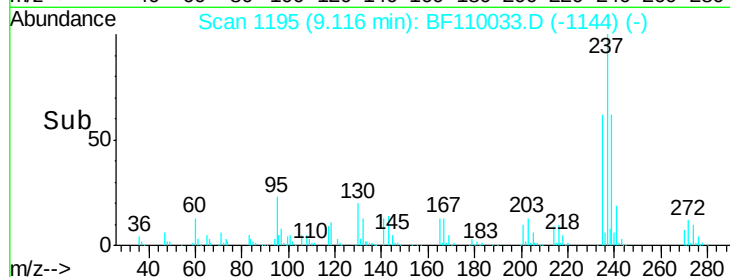
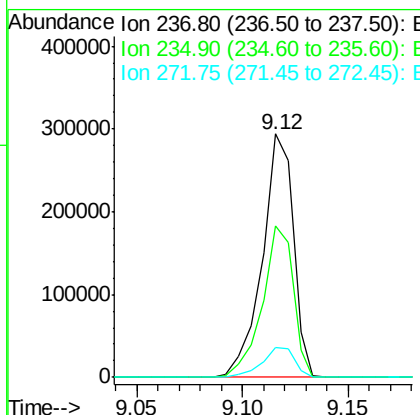
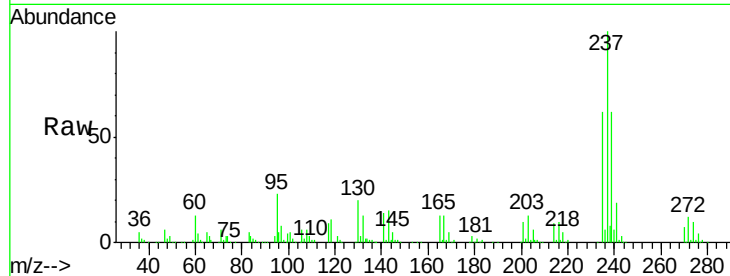
#41
Hexachlorocyclopentadiene
Concen: 55.450 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.2	43.1	83.1
272	12.5	0.0	32.6

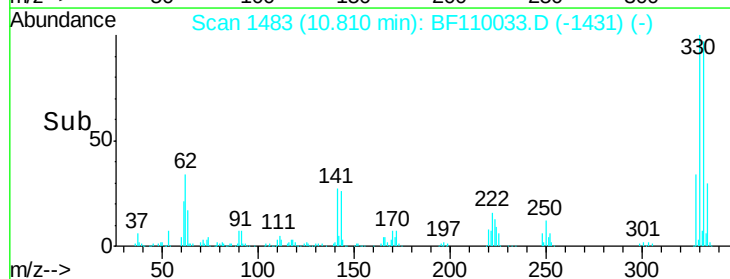
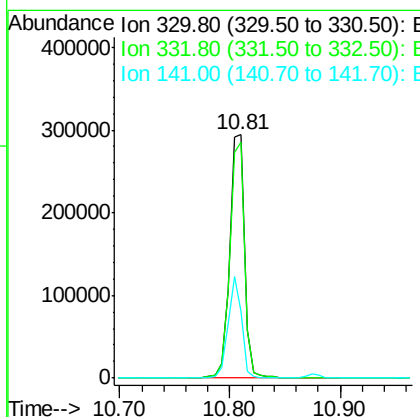
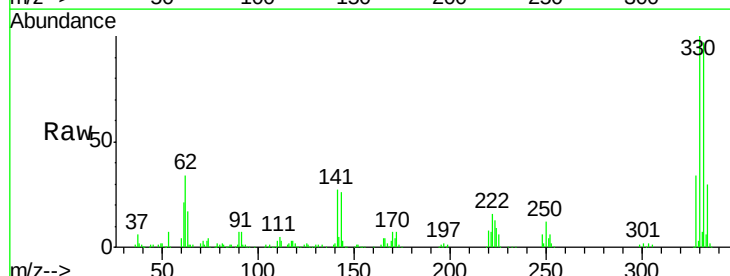
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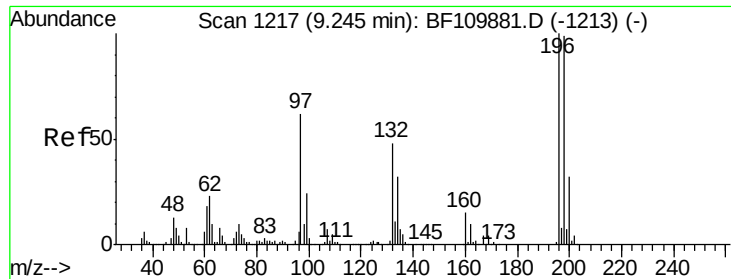
Sohil
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#42
2,4,6-Tribromophenol
Concen: 88.263 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	77.1	115.7
141	37.7	27.0	40.4





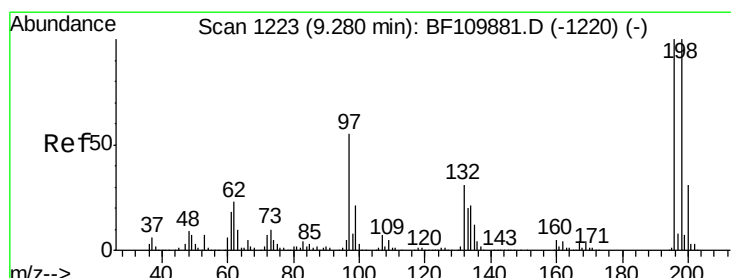
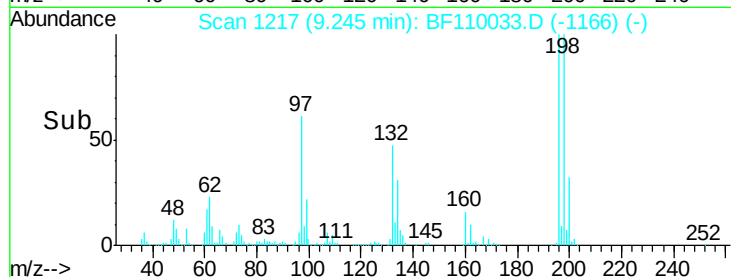
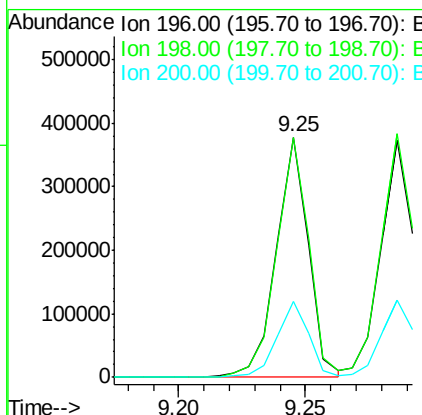
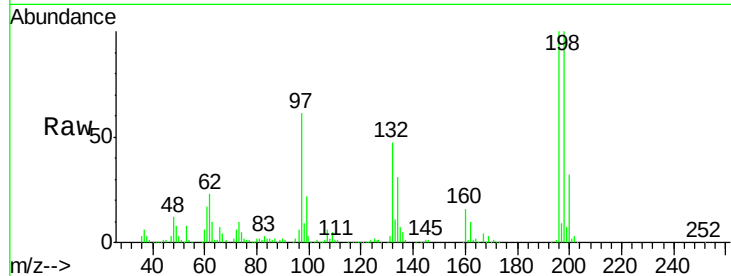
#43
 2,4,6-Trichlorophenol
 Concen: 46.927 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330808		
198	99.8	76.2	114.4	
200	31.7	24.4	36.6	

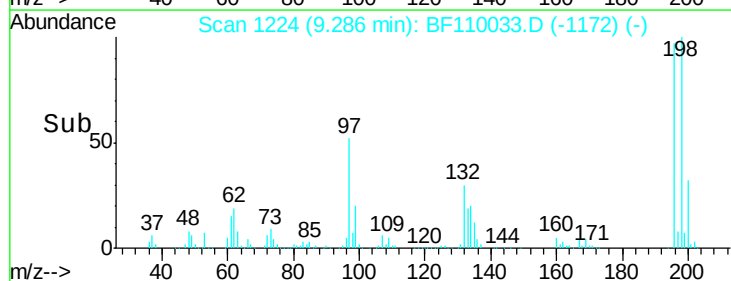
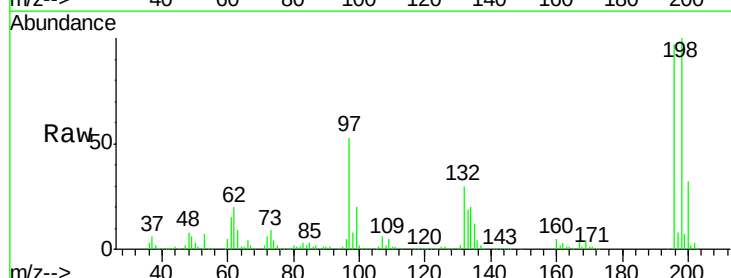
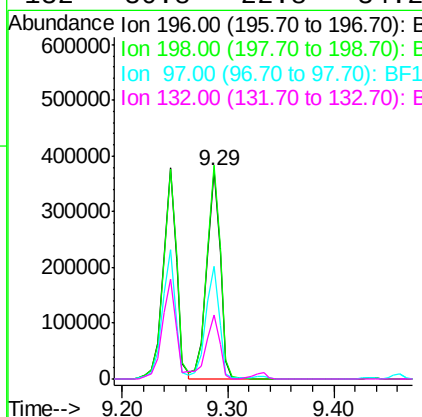
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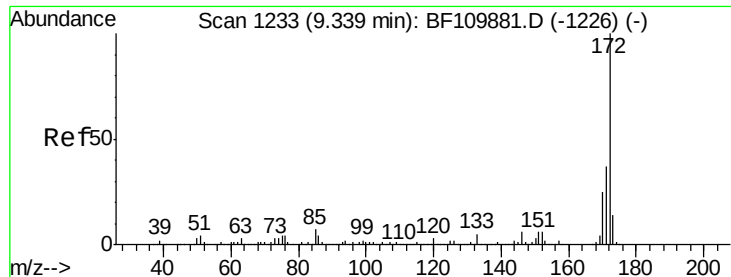
Sohil
 10/22/2018 2:55:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.921 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	335982		
198	102.6	75.8	113.6	
97	53.9	42.4	63.6	
132	30.8	22.8	34.2	





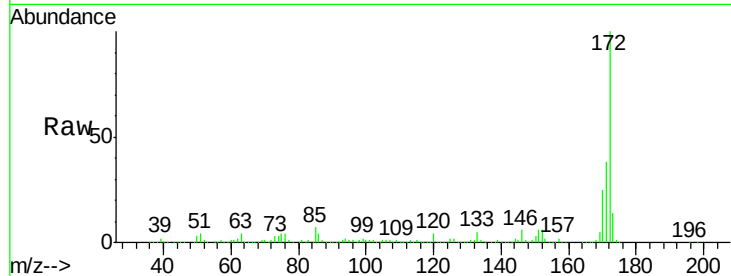
#45
2-Fluorobiphenyl
Concen: 93.942 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

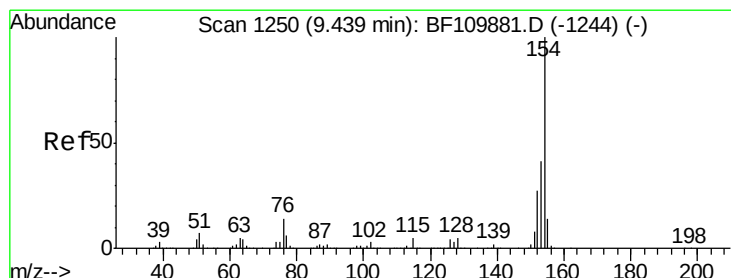
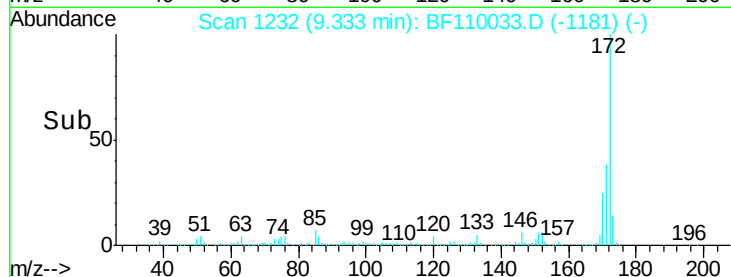
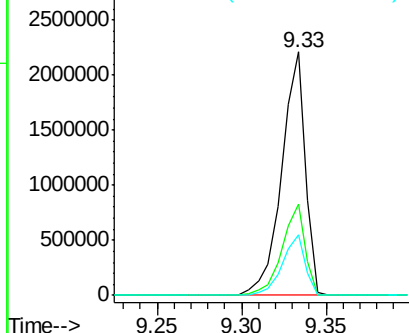
Tgt Ion:172 Resp: 2154906
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 24.6 19.7 29.5

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10/22/2018 2:55:53 PM

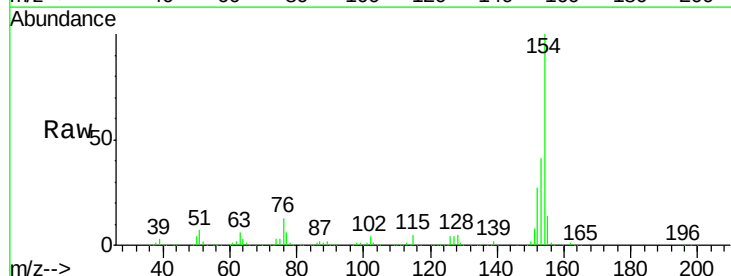


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

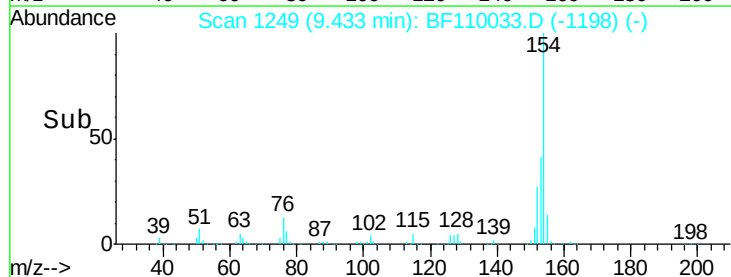
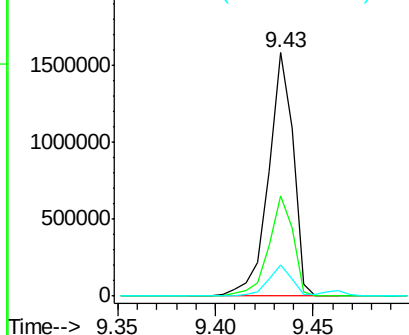


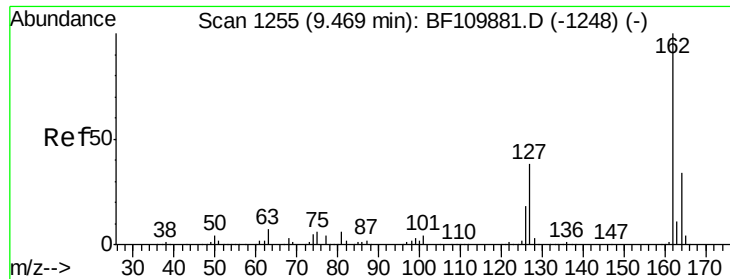
#46
1,1'-Biphenyl
Concen: 42.513 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:154 Resp: 1386384
Ion Ratio Lower Upper
154 100
153 41.2 20.4 60.4
76 12.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





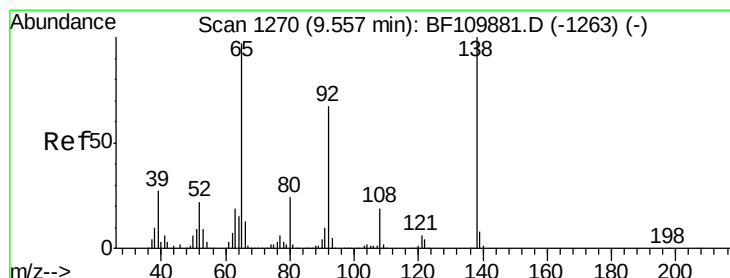
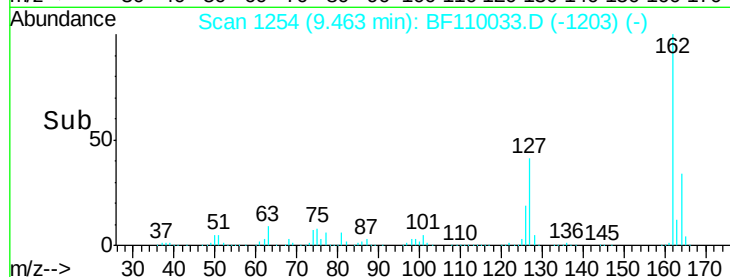
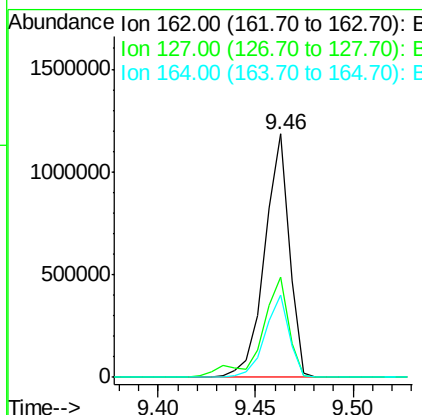
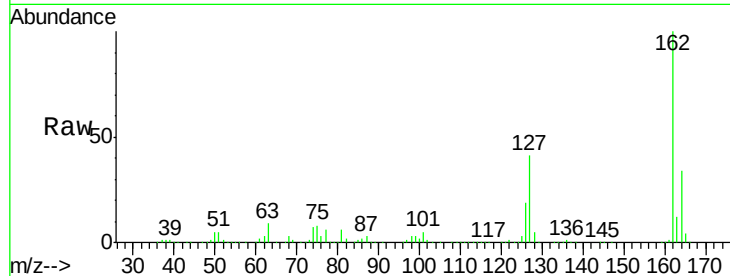
#47
 2-Chloronaphthalene
 Concen: 43.106 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

Tgt Ion: 162 Resp: 1035447
 Ion Ratio Lower Upper
 162 100
 127 40.9 32.6 48.8
 164 33.7 25.9 38.9

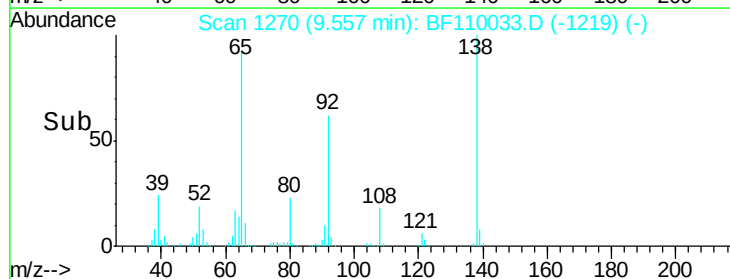
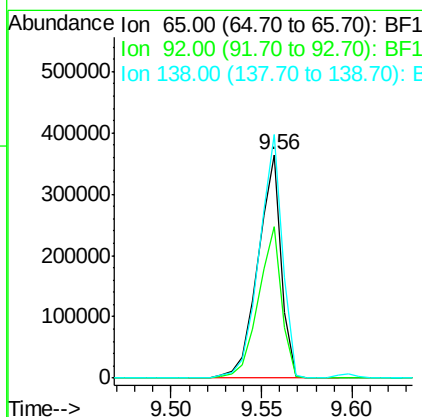
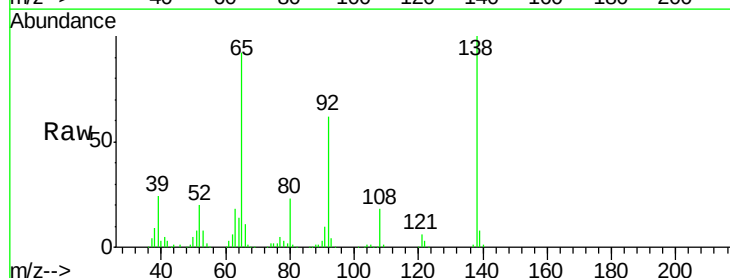
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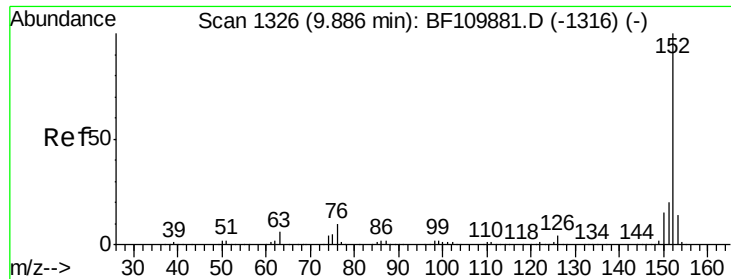
Sohil
 10/22/2018 2:55:53 PM



#48
 2-Nitroaniline
 Concen: 52.560 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion: 65 Resp: 324009
 Ion Ratio Lower Upper
 65 100
 92 68.0 54.6 81.8
 138 108.9 80.3 120.5





#49

Acenaphthylene

Concen: 45.035 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

PB113927BS

Tgt Ion:152 Resp: 1571555

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.8

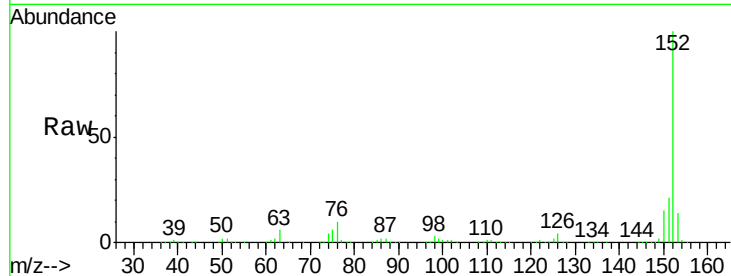
153 14.2 10.4 15.6

Manual Integrations

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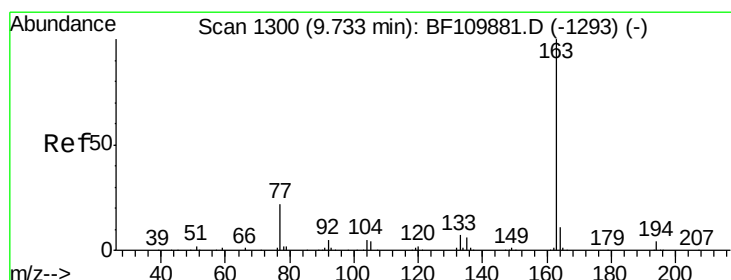
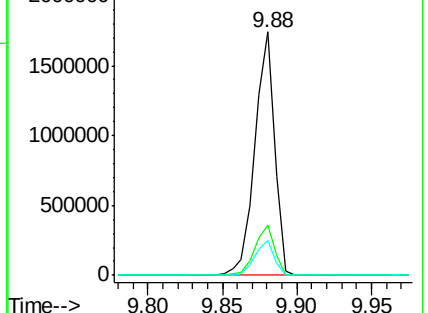
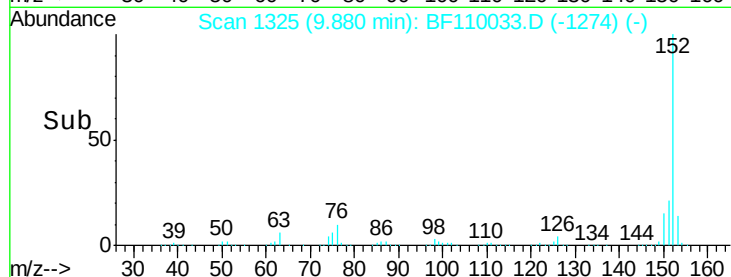
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.603 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

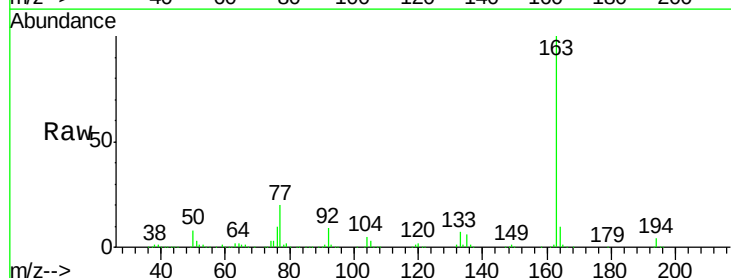
Tgt Ion:163 Resp: 1207846

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

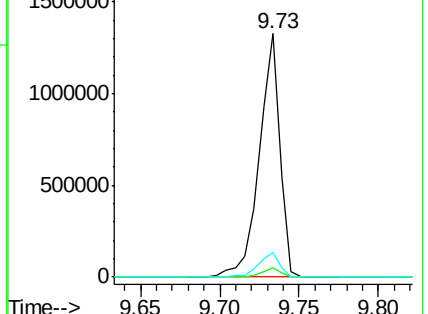
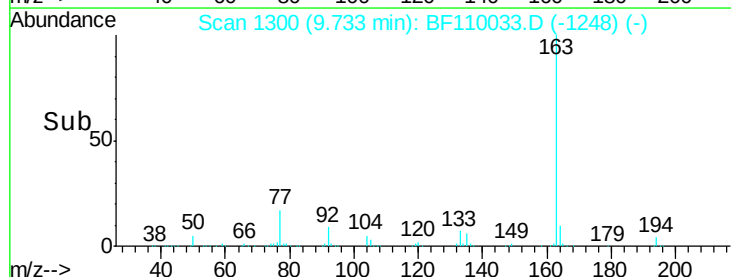
164 10.2 8.1 12.1

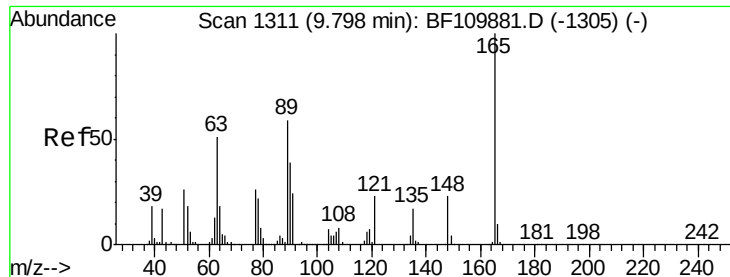


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





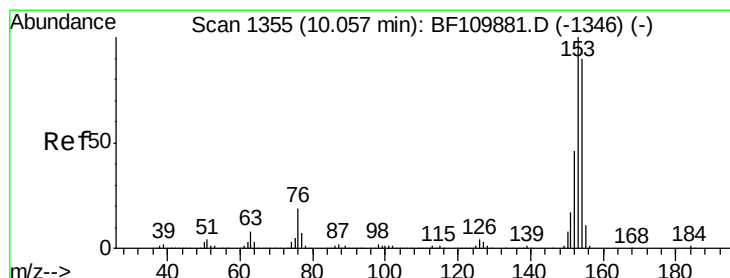
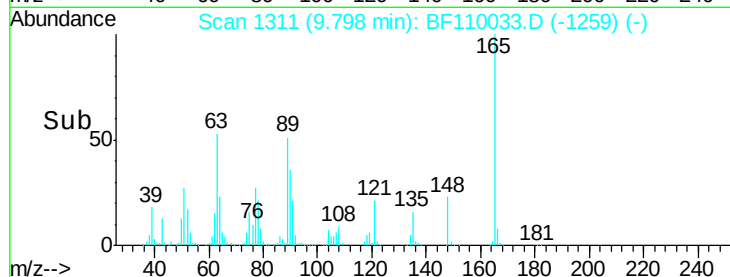
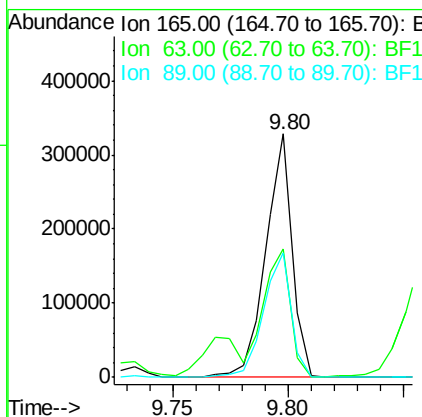
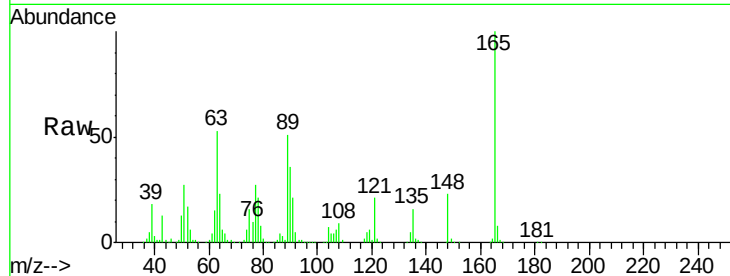
#51
 2,6-Dinitrotoluene
 Concen: 53.149 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

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

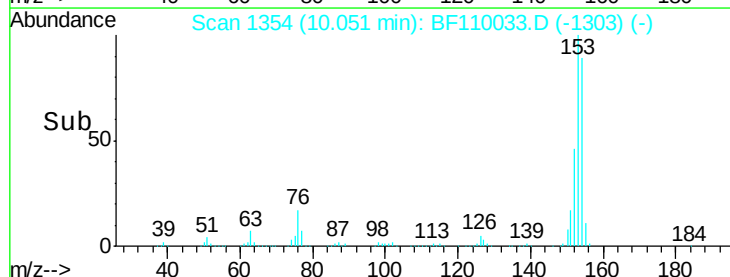
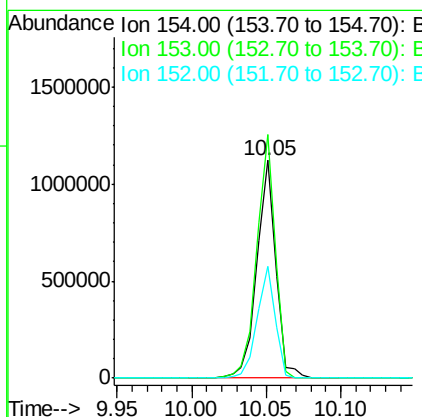
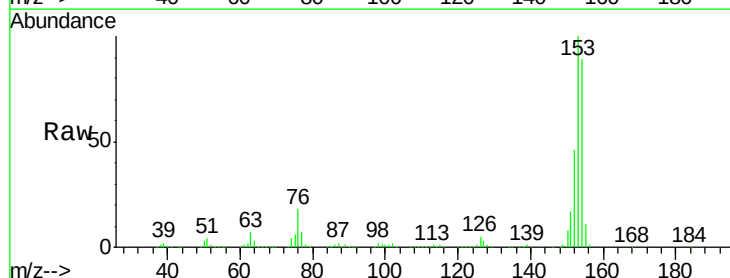
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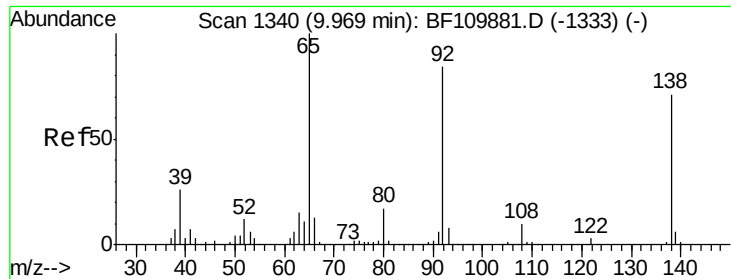
Sohil
 10/22/2018 2:55:53 PM



#52
 Acenaphthene
 Concen: 44.099 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	111.8	90.1	135.1
152	51.4	43.4	65.2





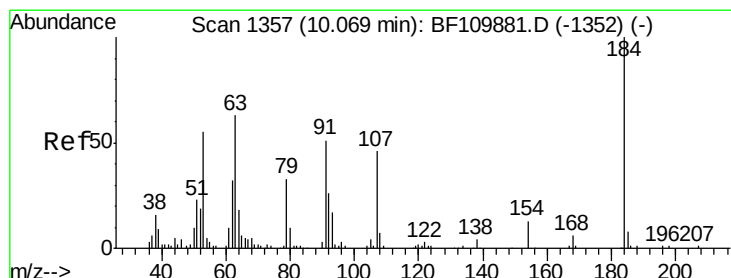
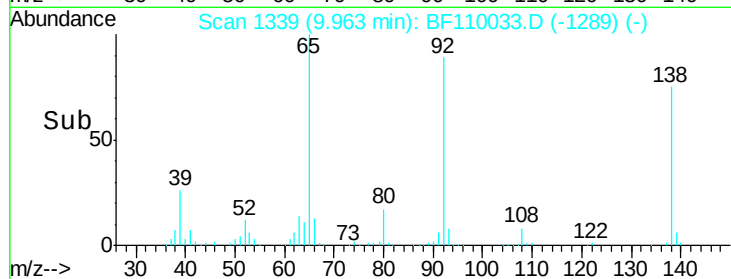
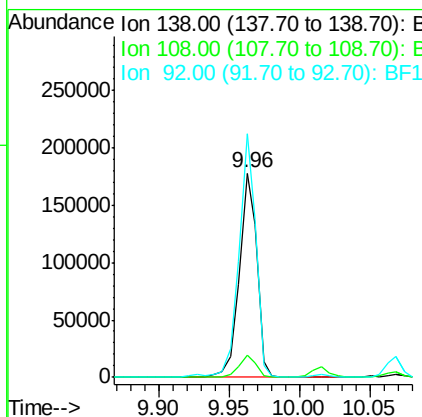
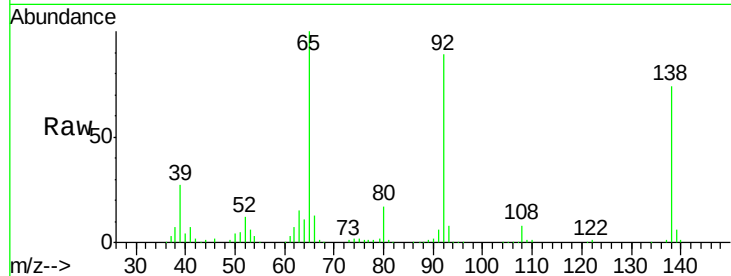
#53
3-Nitroaniline
Concen: 25.748 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	119.2	97.0	145.4

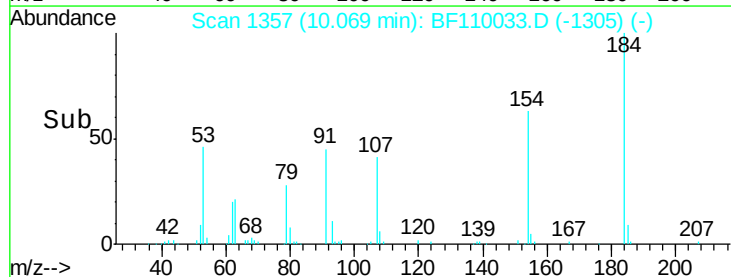
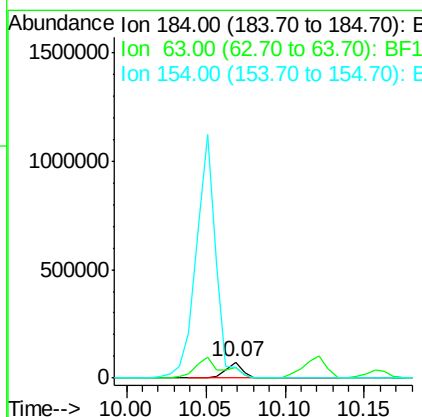
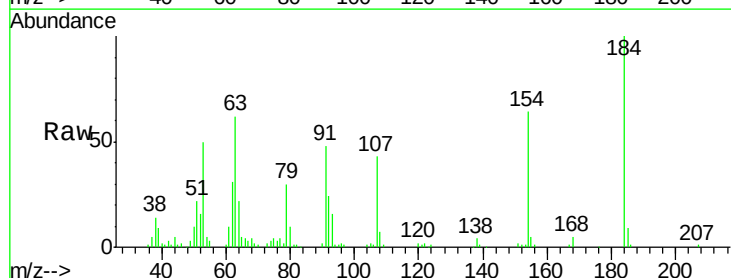
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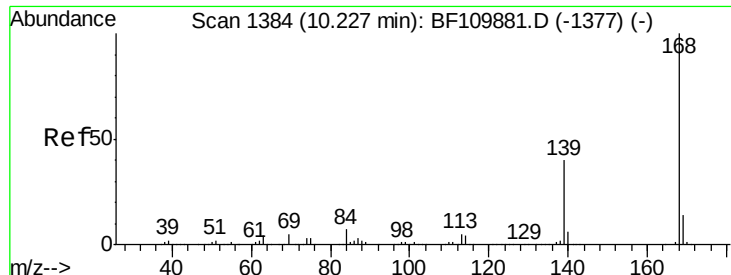
Sohil
10/22/2018 2:55:53 PM



#54
2,4-Dinitrophenol
Concen: 40.667 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.9	55.8	83.6
154	63.6	63.2	94.8





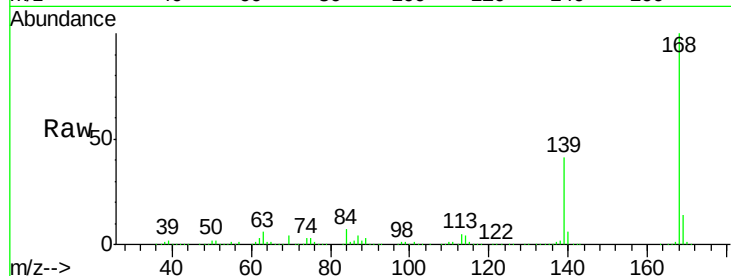
#55
Dibenzenofuran
Concen: 42.965 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

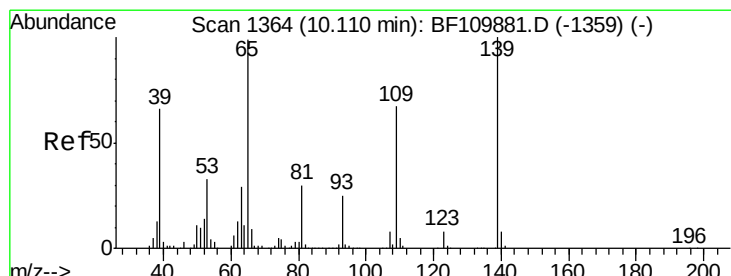
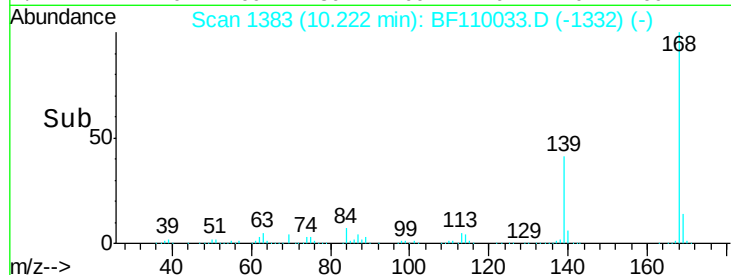
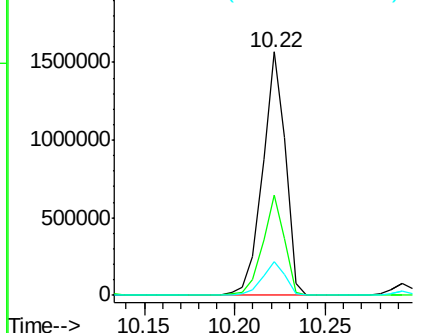
Tgt Ion:168 Resp: 1361305
Ion Ratio Lower Upper
168 100
139 41.0 33.0 49.6
169 13.8 11.3 16.9

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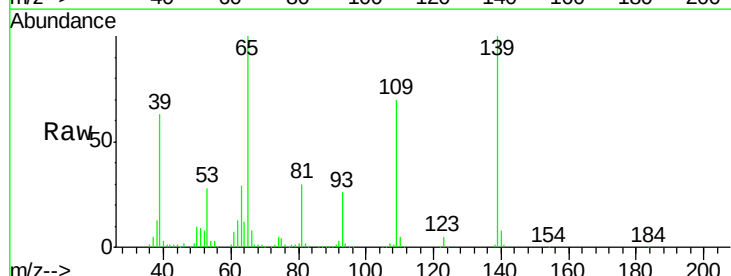


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

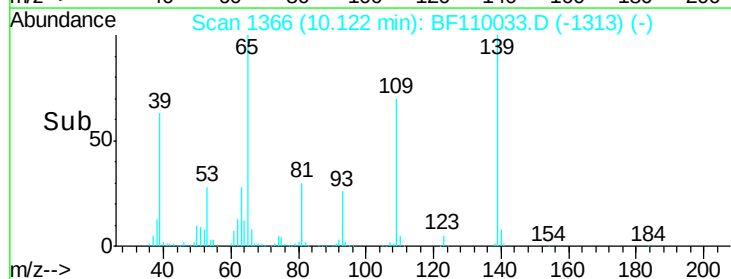
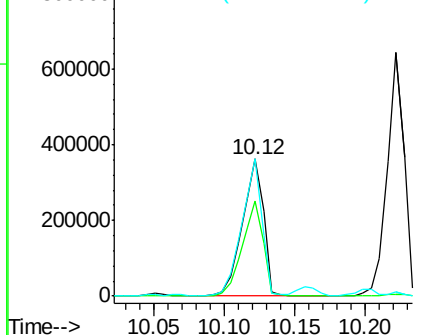


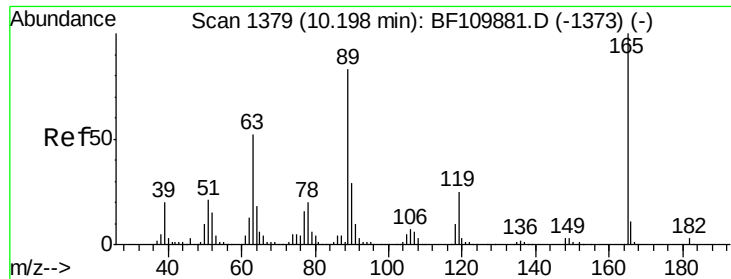
#56
4-Nitrophenol
Concen: 82.441 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:139 Resp: 376681
Ion Ratio Lower Upper
139 100
109 69.6 55.8 95.8
65 99.9 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





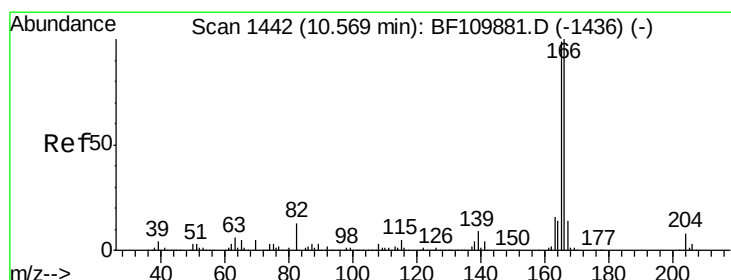
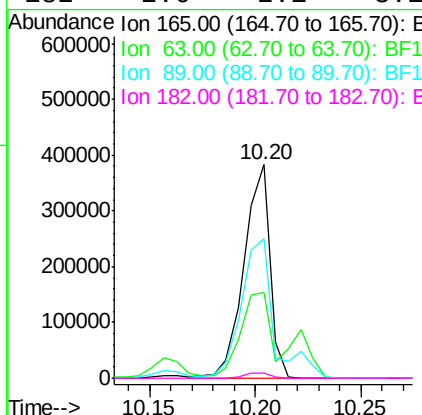
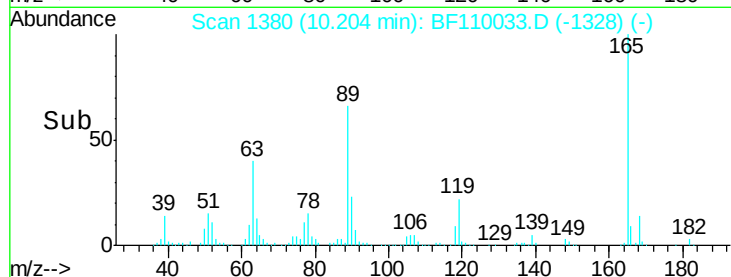
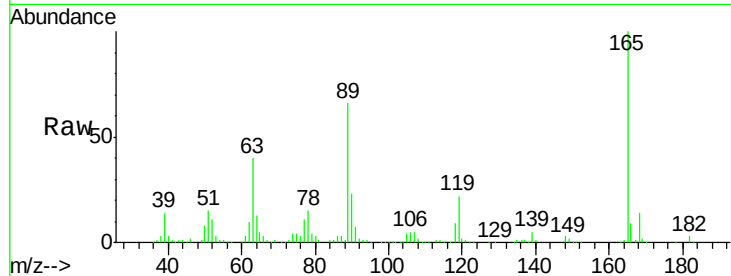
#57
2,4-Dinitrotoluene
Concen: 52.236 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.1	44.8	67.2#
89	65.6	62.2	93.4
182	2.6	2.1	3.1

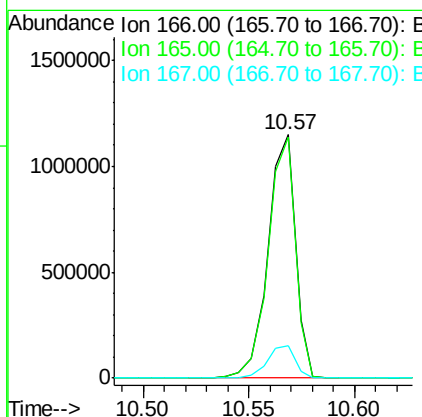
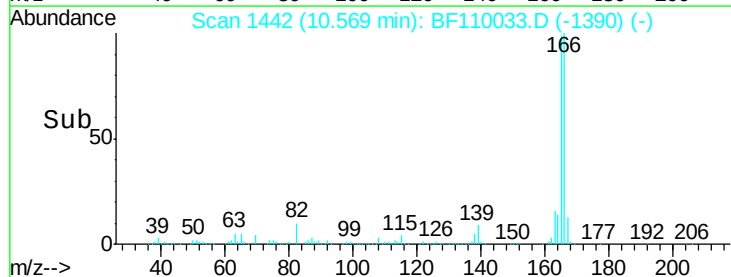
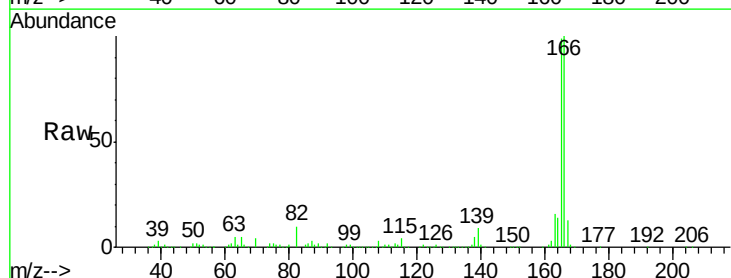
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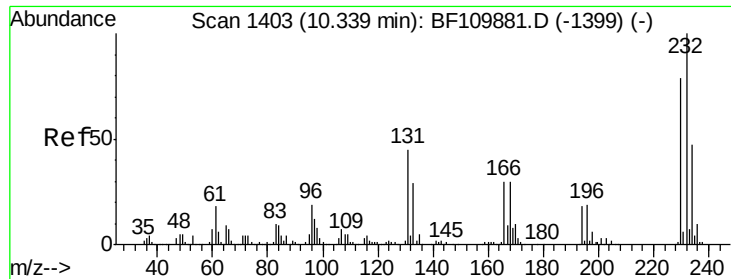
Sohil
10/22/2018 2:55:53 PM



#58
Fluorene
Concen: 45.039 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.8	78.6	117.8
167	13.1	10.8	16.2





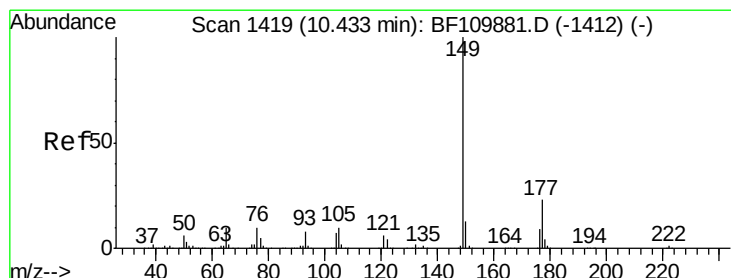
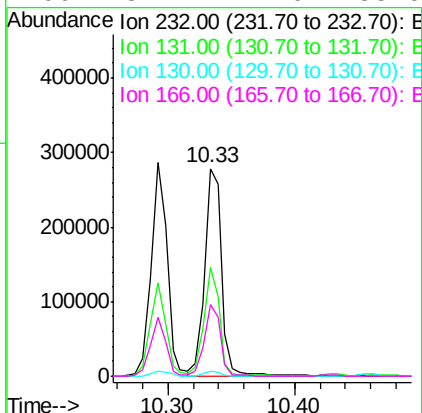
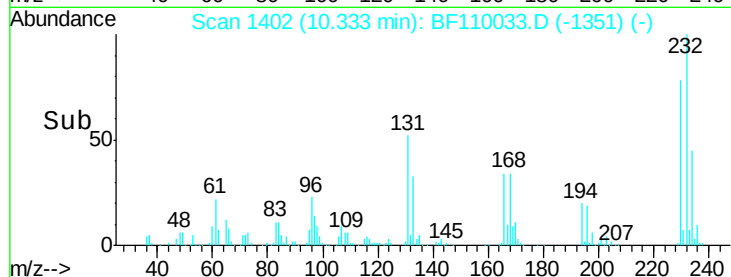
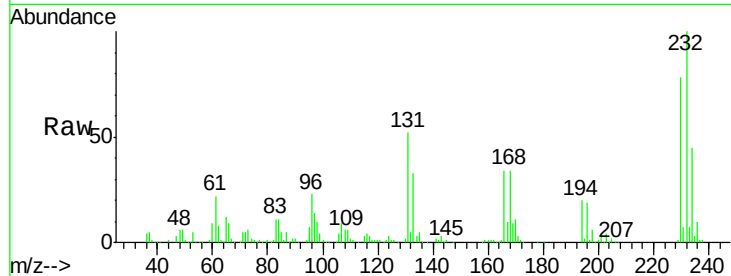
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.765 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	259571		
131	47.8	37.0	55.4	
130	2.3	1.8	2.6	
166	32.7	22.0	33.0	

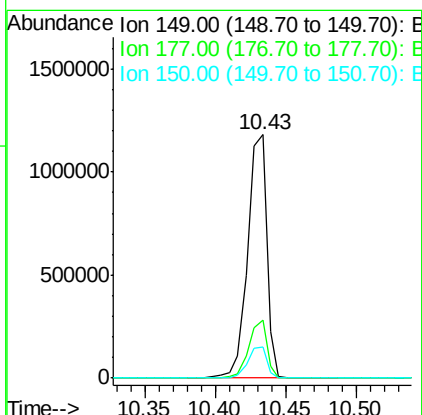
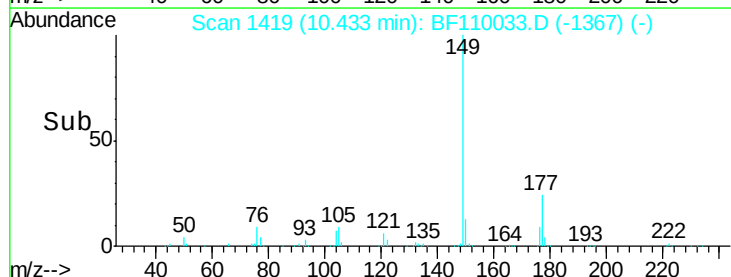
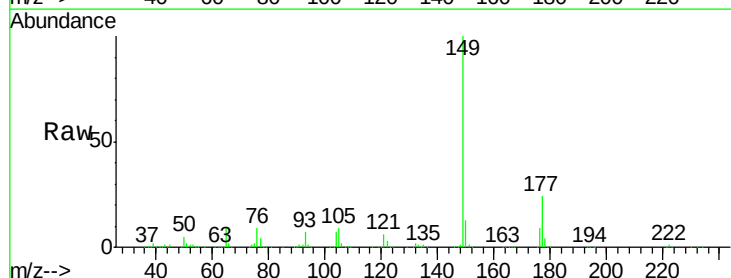
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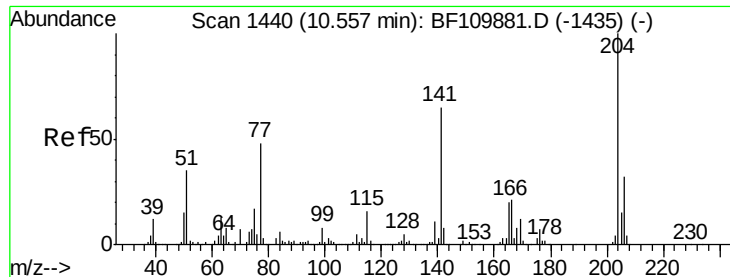
Sohil
 10/22/2018 2:55:53 PM



#60
 Diethylphthalate
 Concen: 44.142 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1129964		
177	23.6	17.4	26.2	
150	12.6	9.8	14.8	





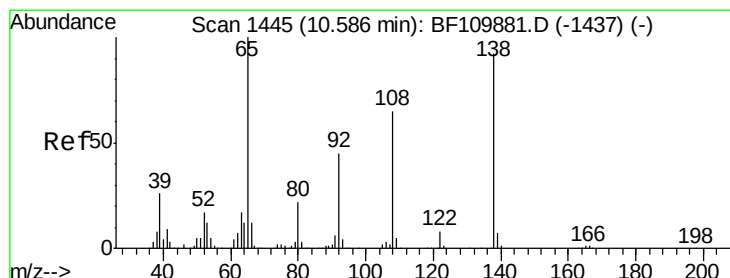
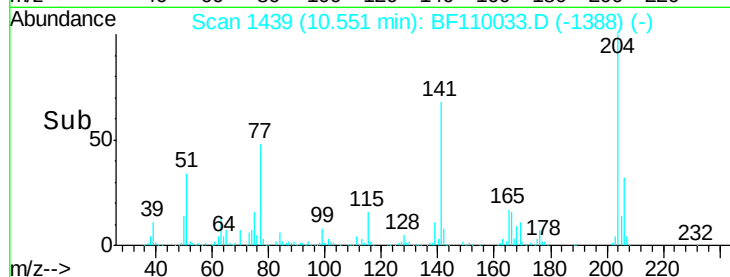
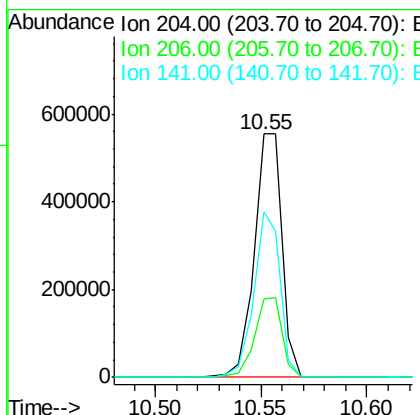
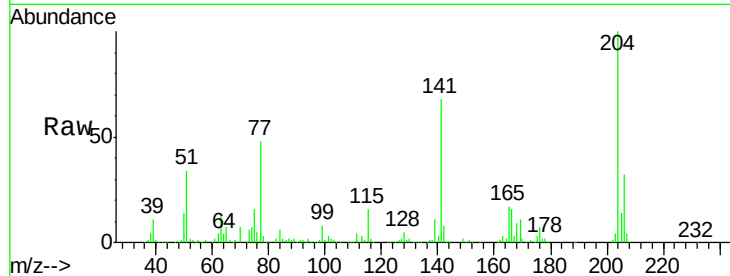
#61
4-Chlorophenyl-phenylether
Concen: 42.247 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	67.9	51.8	77.8

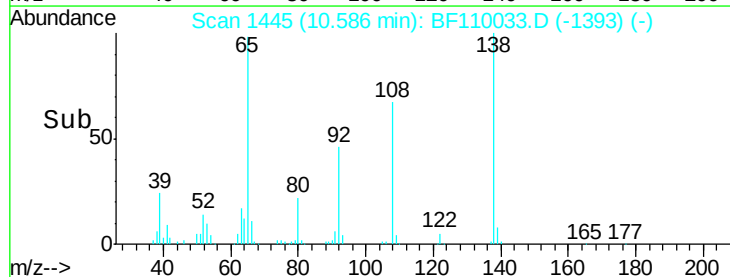
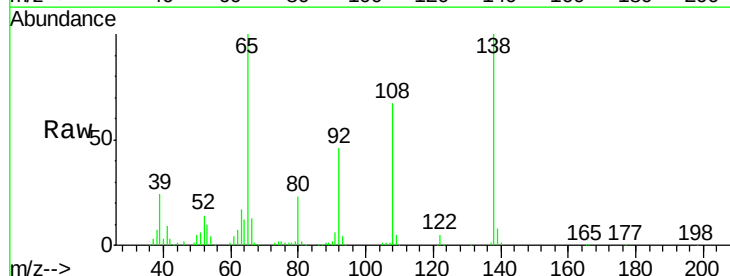
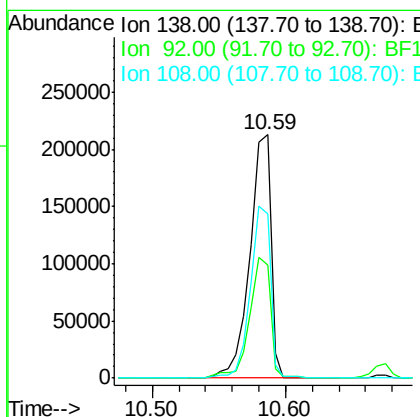
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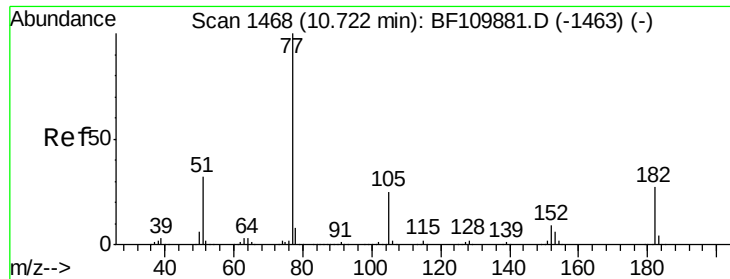
Sohil
10/22/2018 2:55:53 PM



#62
4-Nitroaniline
Concen: 40.623 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	31.7	71.7
108	67.5	59.3	99.3





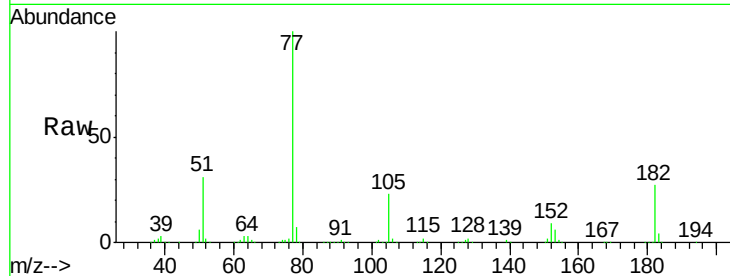
#63
Azobenzene
Concen: 41.073 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

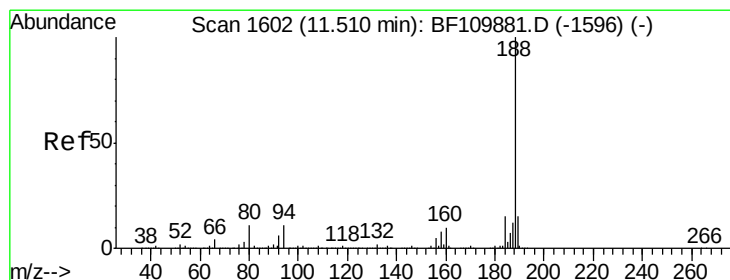
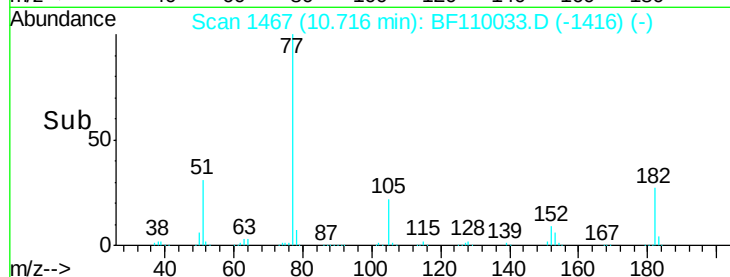
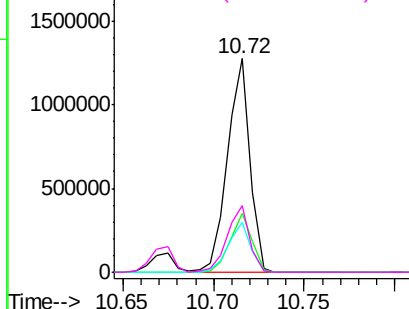
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	4.3	44.3
105	23.1	1.3	41.3
51	31.0	9.0	49.0

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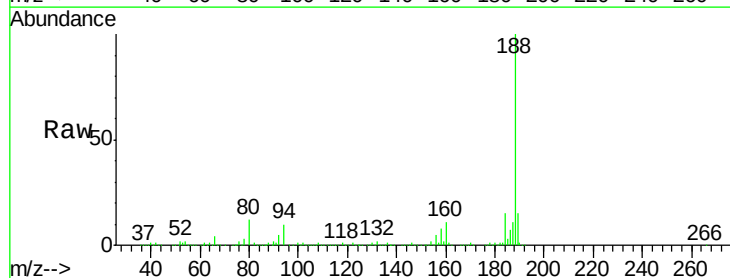


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

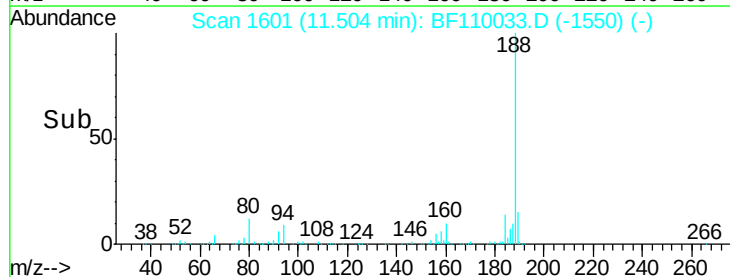
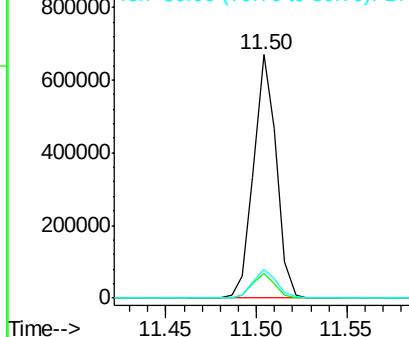


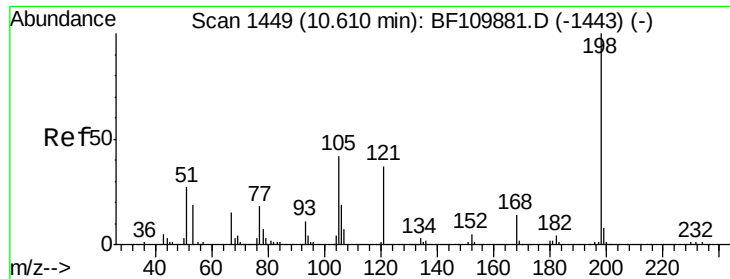
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	11.8	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





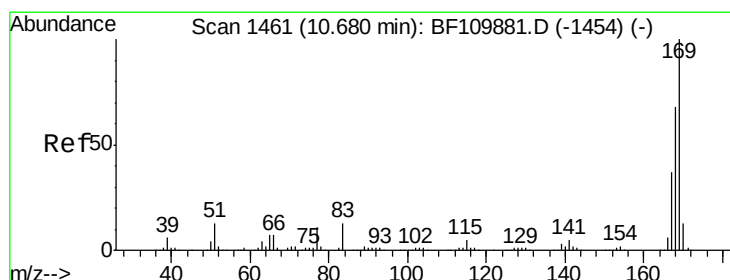
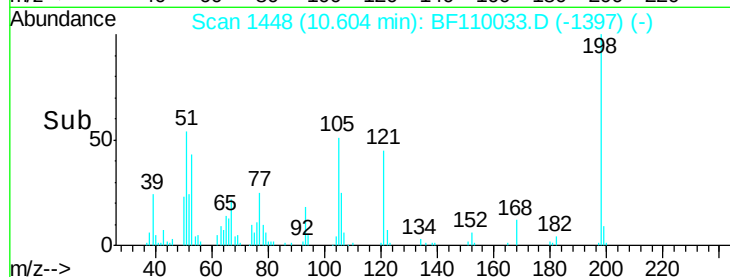
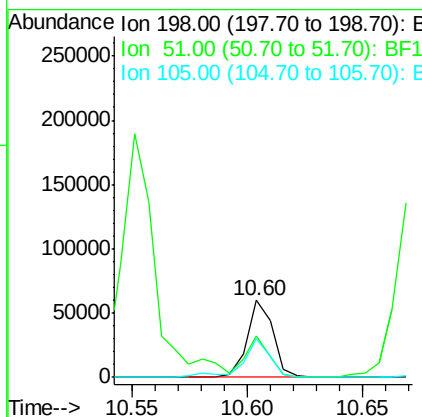
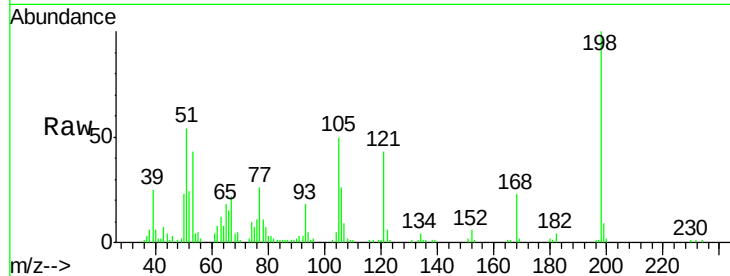
#65
 4,6-Dinitro-2-methylphenol
 Concen: 26.634 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.8	22.8	62.8
105	49.8	23.6	63.6

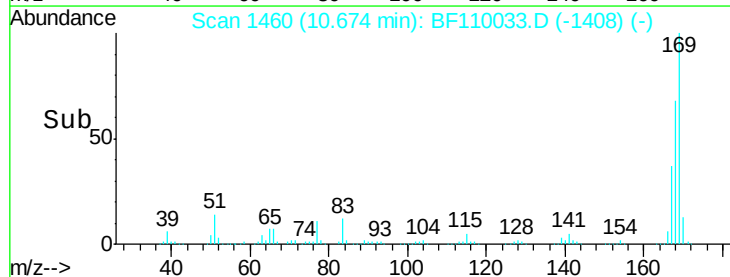
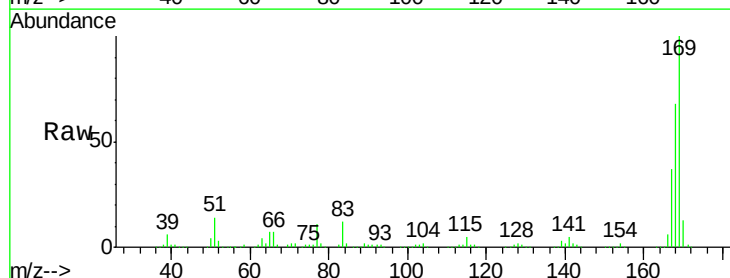
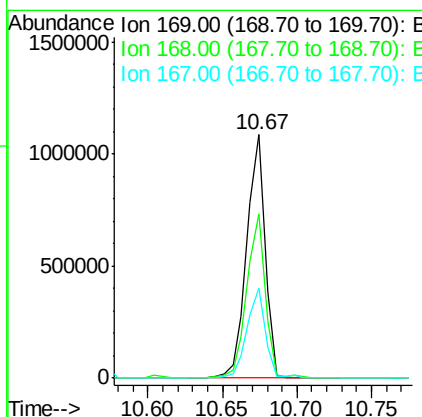
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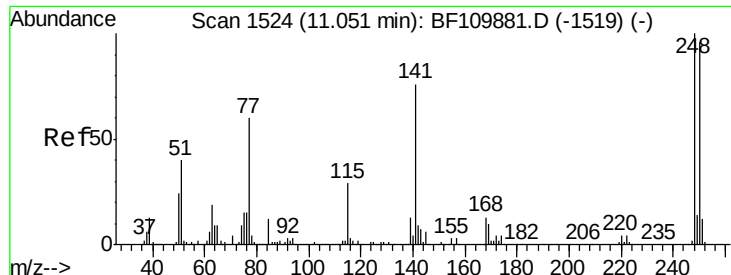
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 48.056 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	51.2	76.8
167	36.9	27.8	41.6





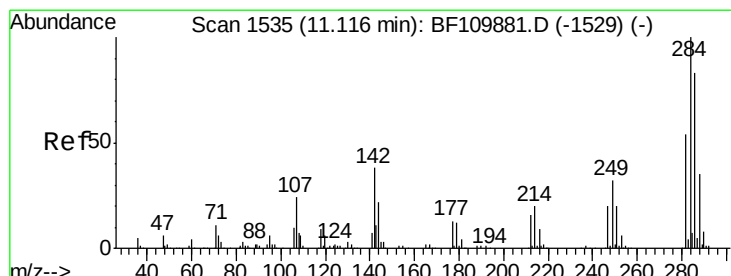
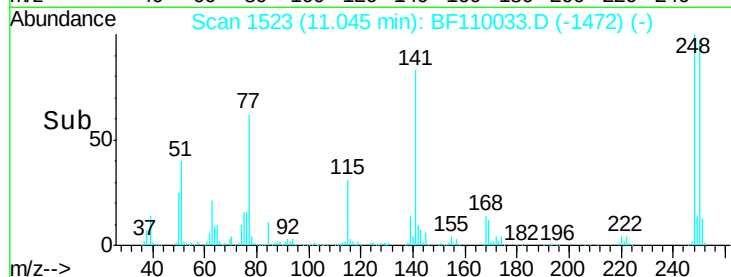
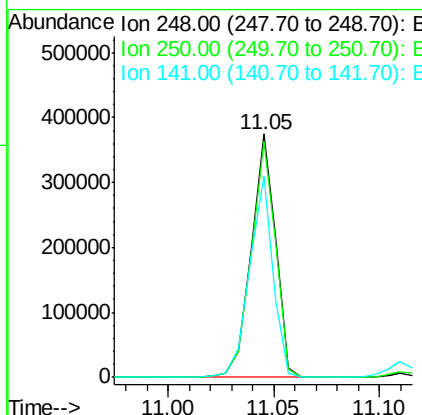
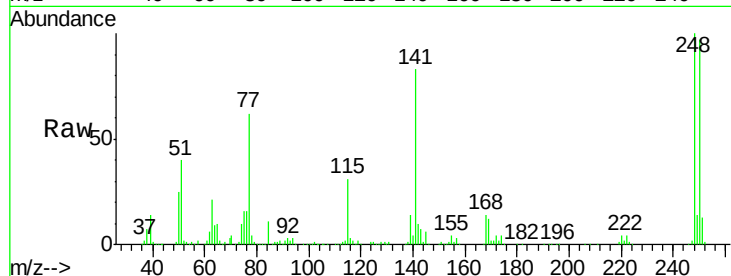
#67
4-Bromophenyl-phenylether
Concen: 47.813 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	301382		
250	96.8	79.4	119.2	
141	82.5	55.9	83.9	

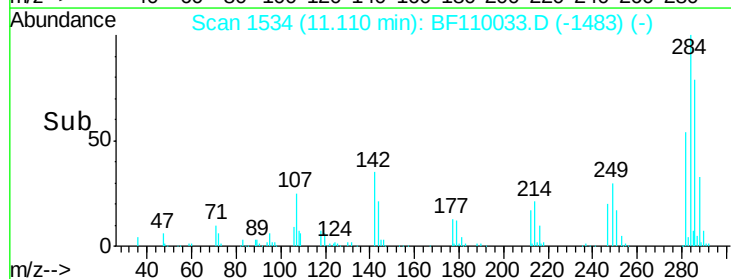
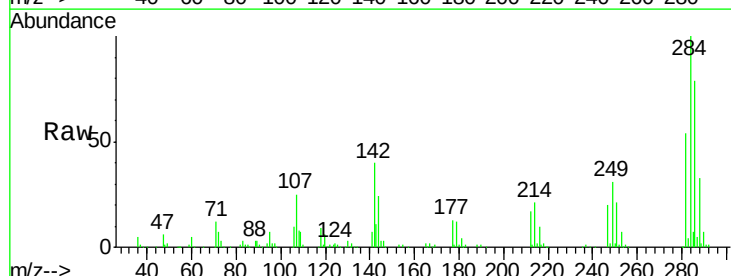
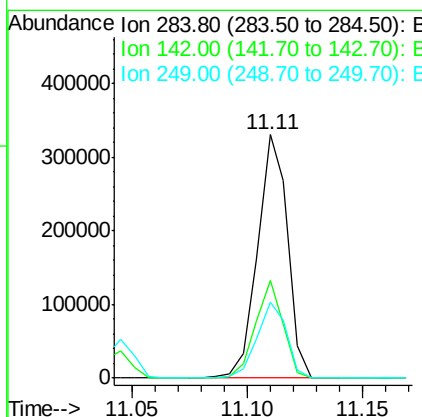
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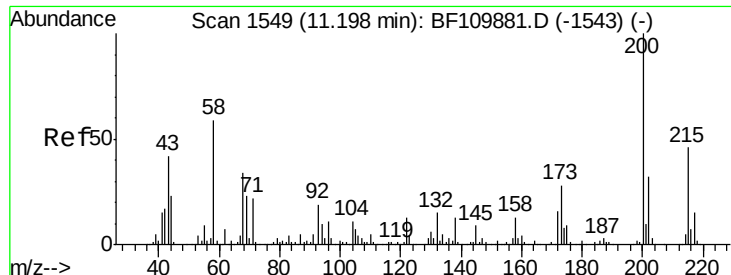
Sohil
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#68
Hexachlorobenzene
Concen: 44.472 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	298926		
142	40.2	23.9	35.9#	
249	31.1	24.2	36.2	





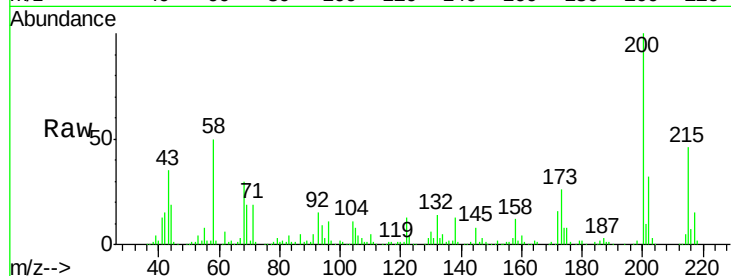
#69
 Atrazine
 Concen: 49.956 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

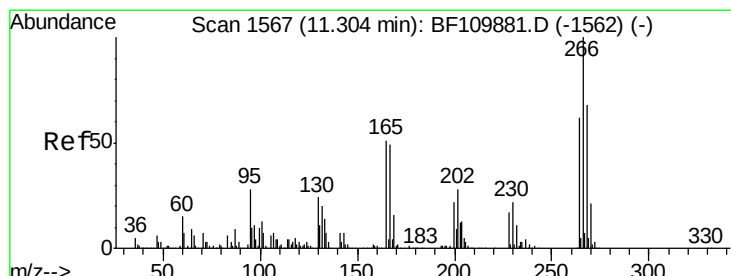
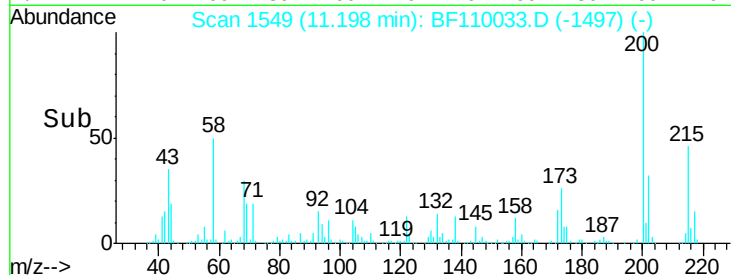
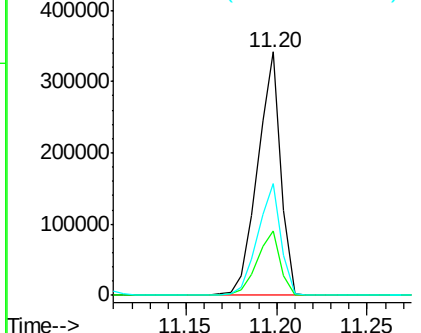
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	6.6	46.6
215	45.8	26.3	66.3

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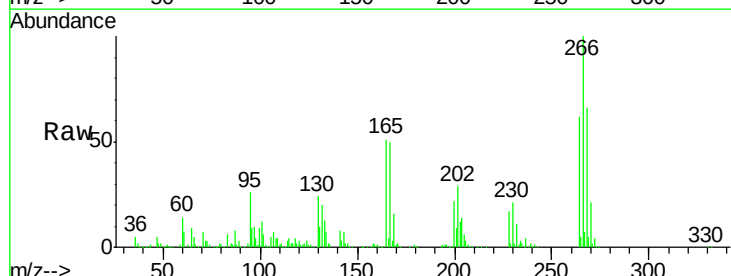


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

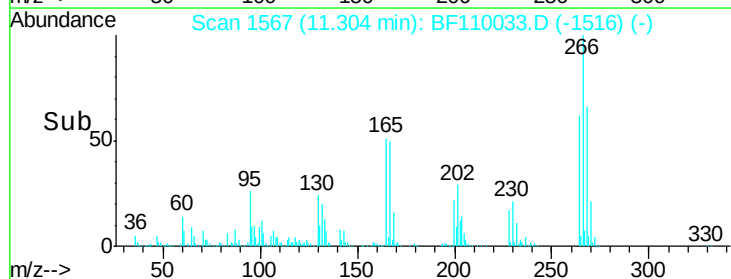
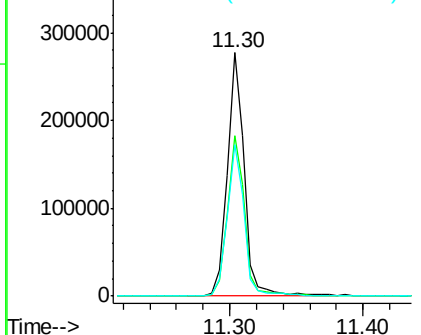


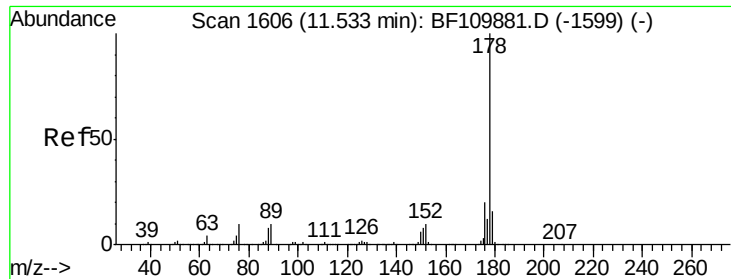
#70
 Pentachlorophenol
 Concen: 65.246 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.1	50.6	75.8
264	62.1	50.6	75.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





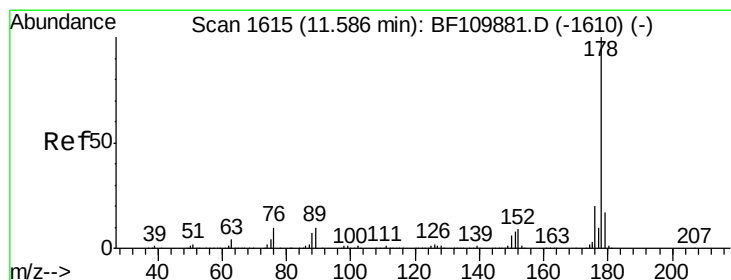
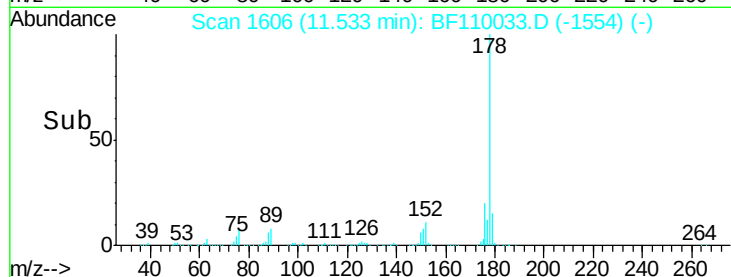
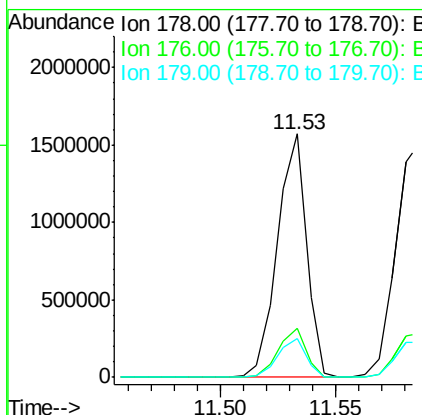
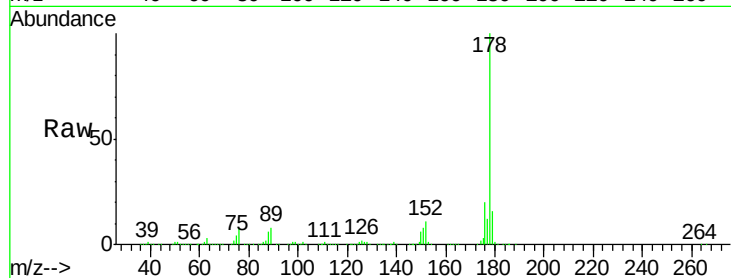
#71
Phenanthrene
Concen: 45.657 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion:178 Resp: 1374783
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.0 12.5 18.7

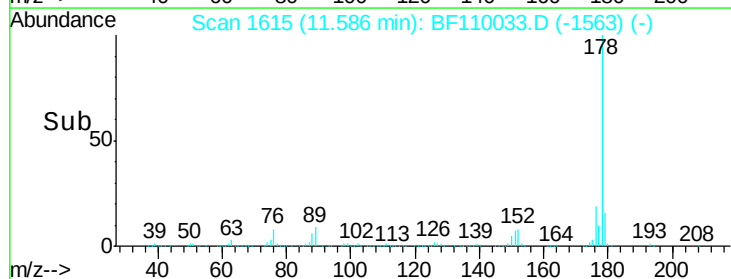
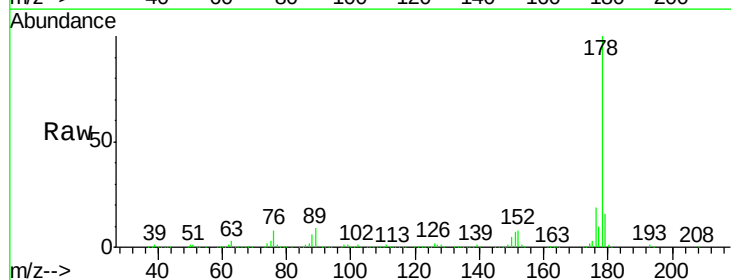
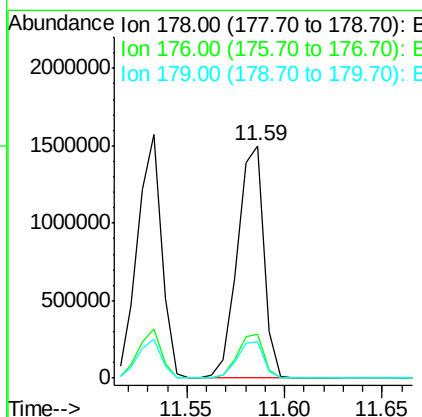
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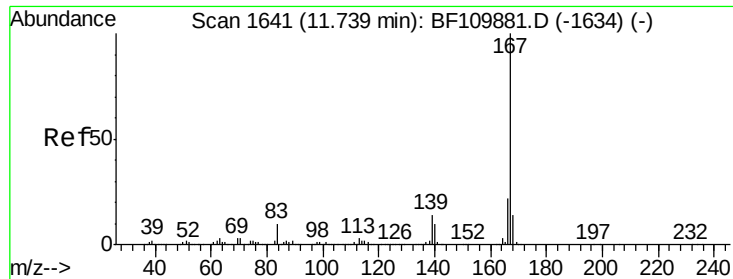
Sohil
10/22/2018 2:55:53 PM



#72
Anthracene
Concen: 46.557 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:178 Resp: 1409403
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.6 18.8





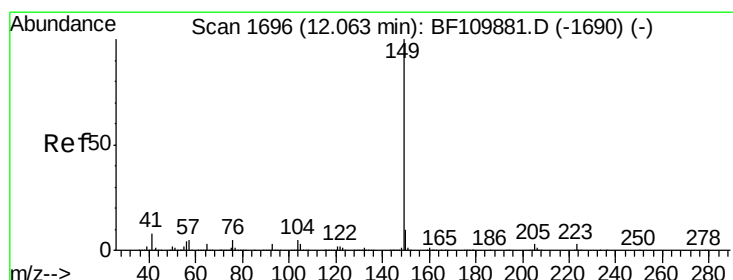
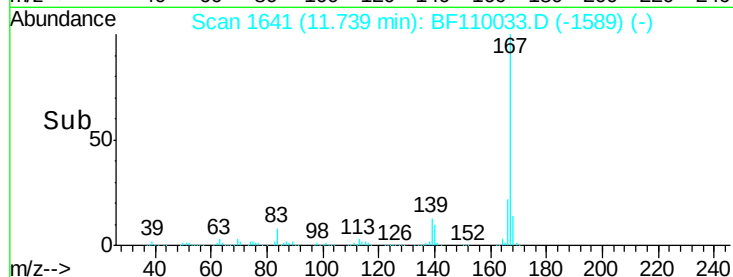
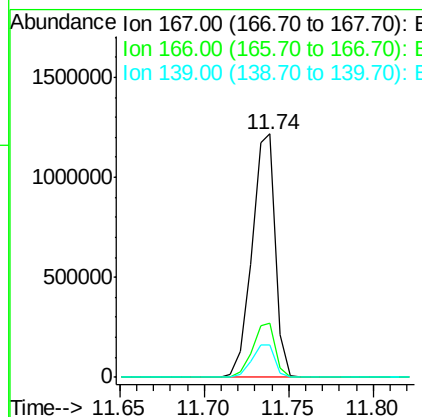
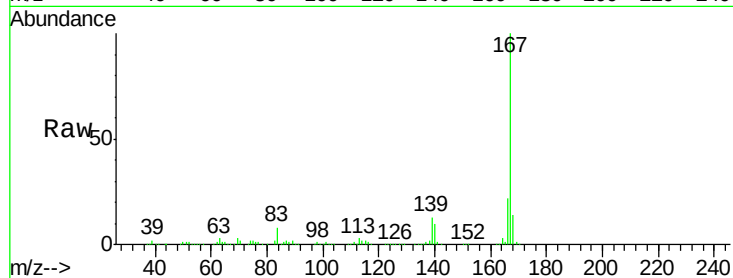
#73
 Carbazole
 Concen: 39.549 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

Tgt Ion:167 Resp: 1176659
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.3 10.9 16.3

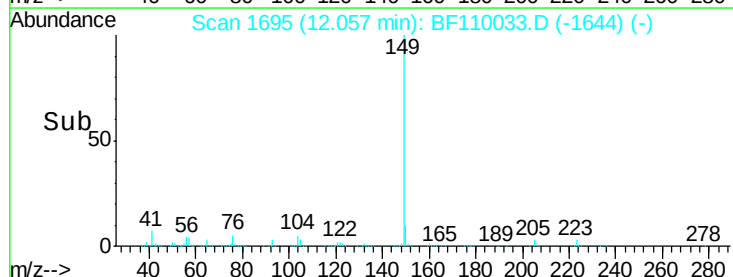
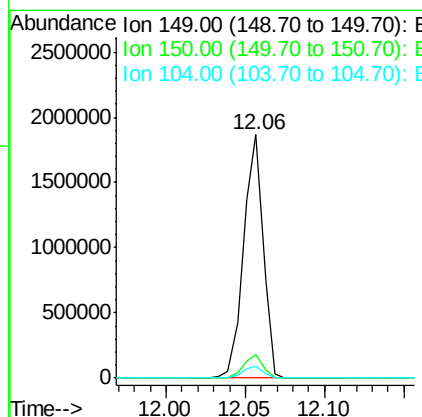
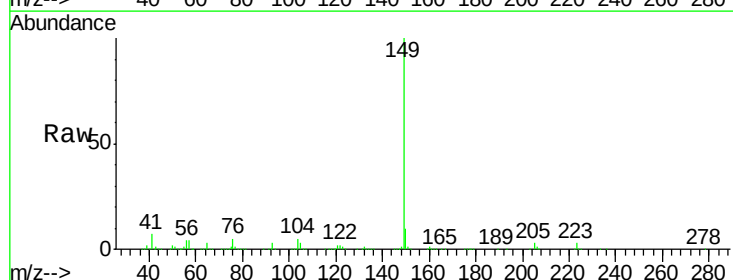
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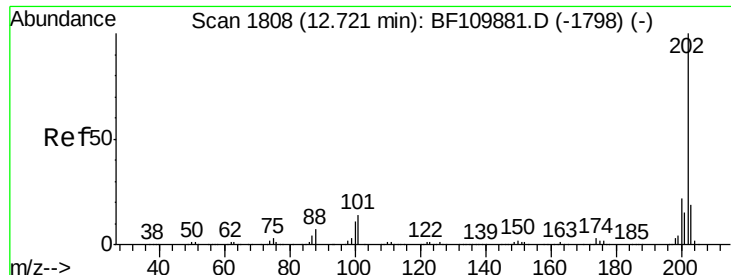
Sohil
 10/22/2018 2:55:53 PM



#74
 Di-n-butylphthalate
 Concen: 47.917 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion:149 Resp: 1591019
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.1 4.2 6.4





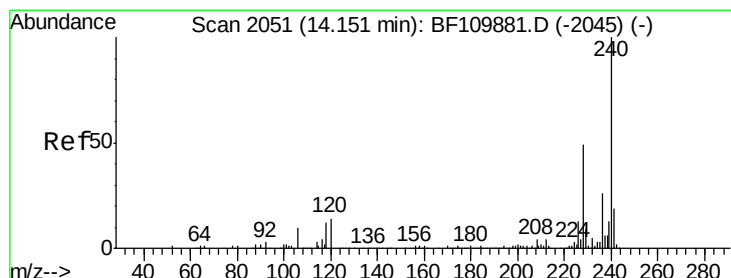
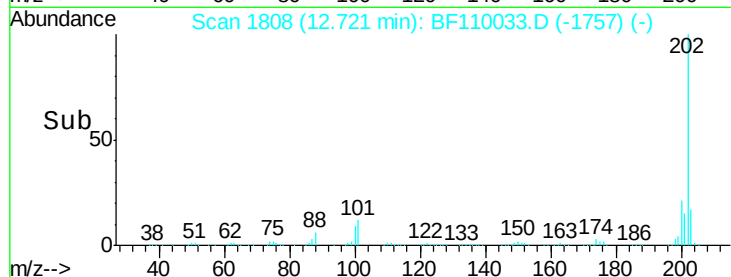
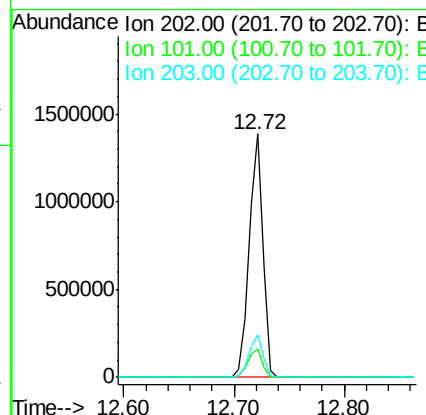
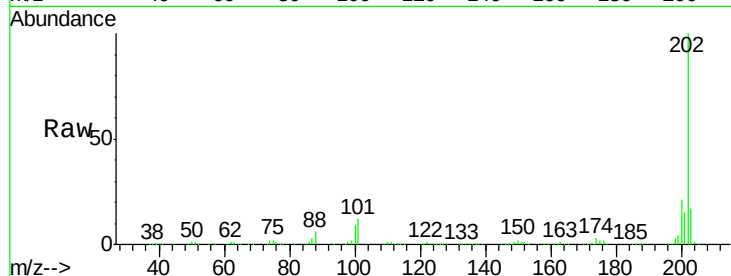
#75
 Fluoranthene
 Concen: 40.209 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1209516		
101	11.8	0.0	31.4	
203	17.4	0.0	37.7	

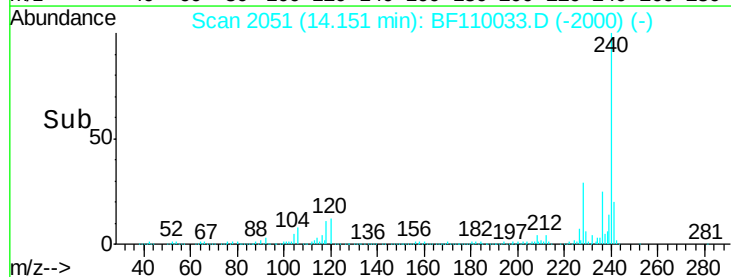
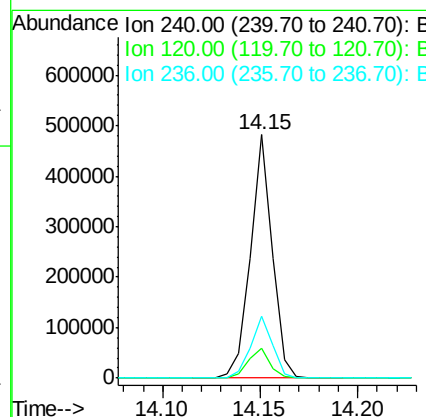
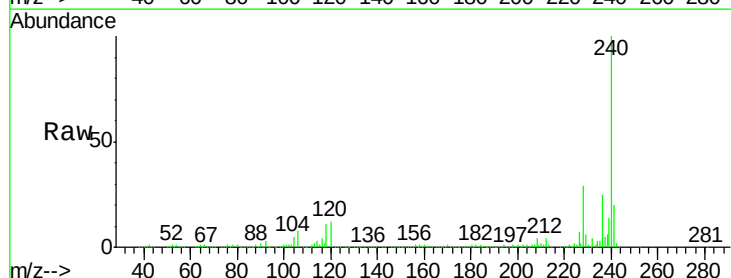
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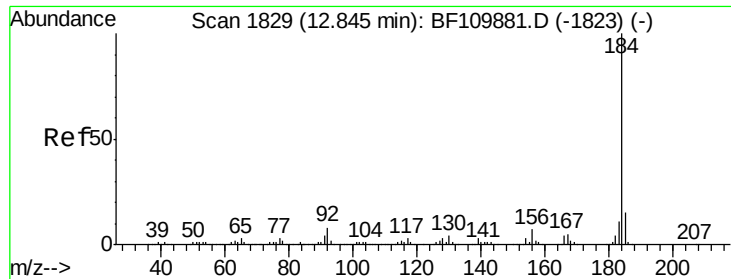
Sohil
 10/22/2018 2:55:53 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	372134		
120	12.1	8.3	12.5	
236	25.3	21.2	31.8	





#77

Benzidine

Concen: 35.045 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

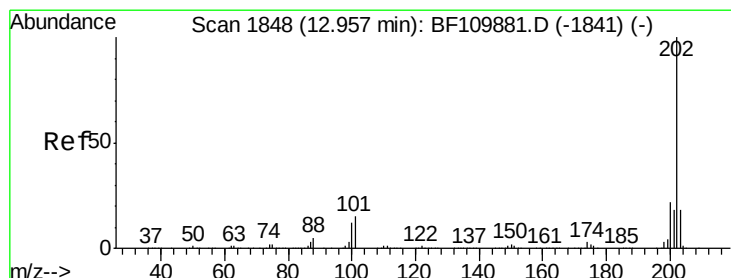
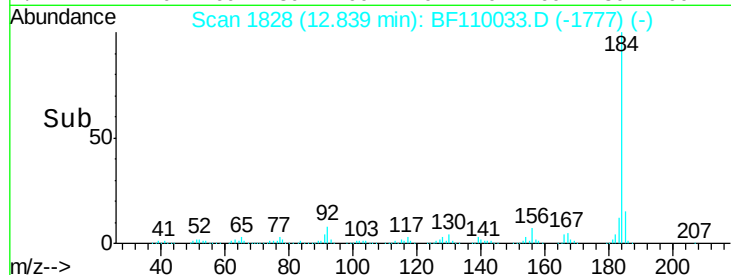
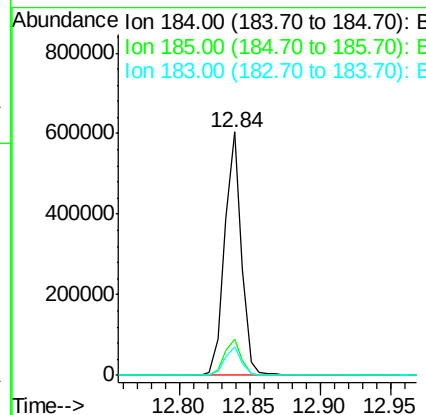
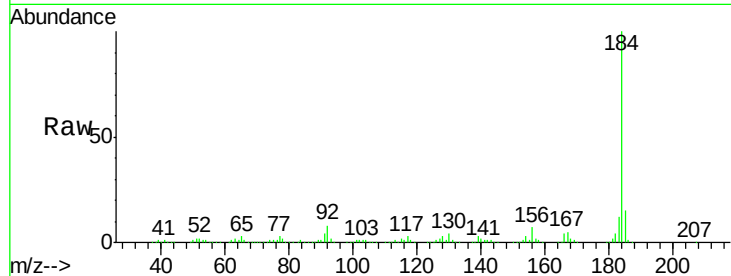
ClientSampleId :

PB113927BS

Tgt Ion:	184	Resp:	500027
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.4	20.2
183	11.6	9.4	14.2

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#78

Pyrene

Concen: 43.382 ng

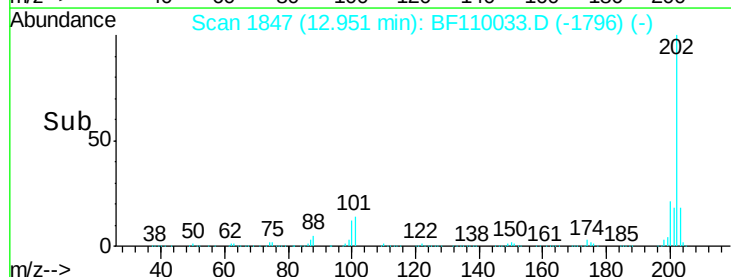
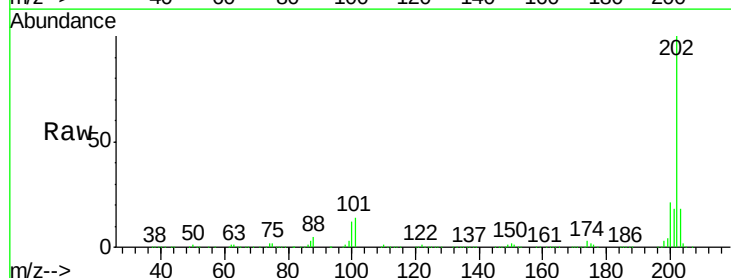
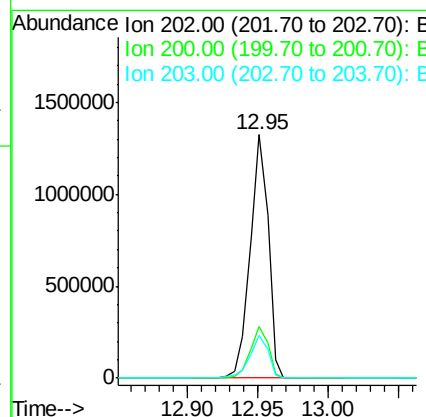
RT: 12.95 min Scan# 1847

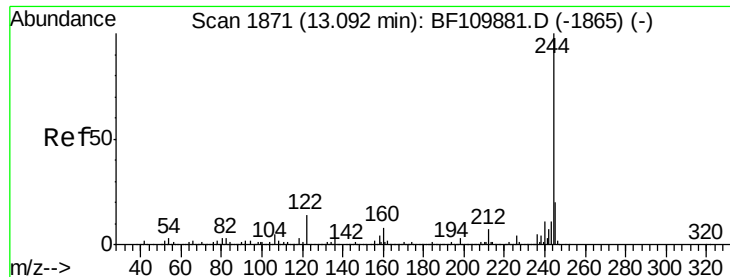
Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Tgt Ion:	202	Resp:	1185730
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.8	26.6
203	17.7	14.2	21.4





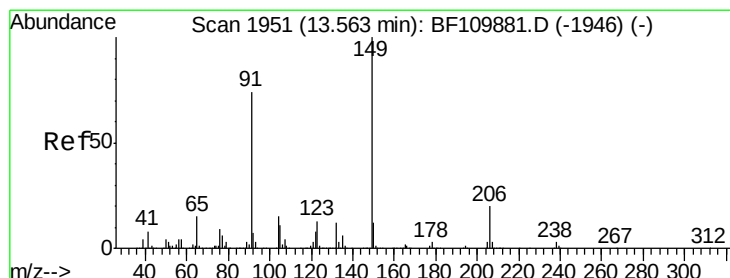
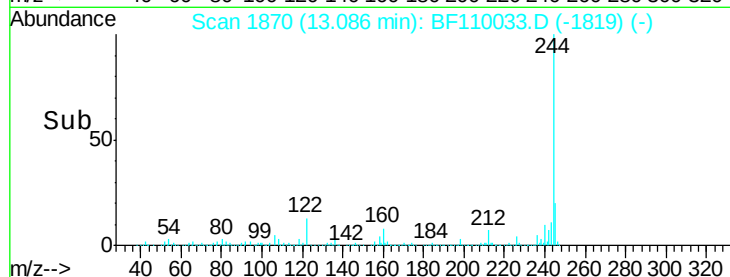
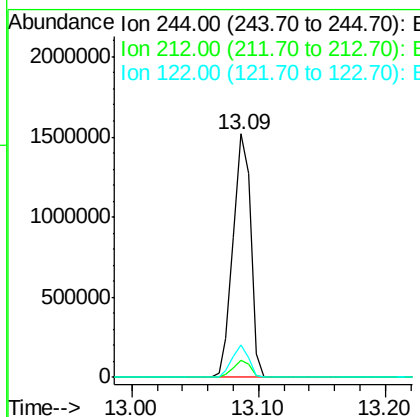
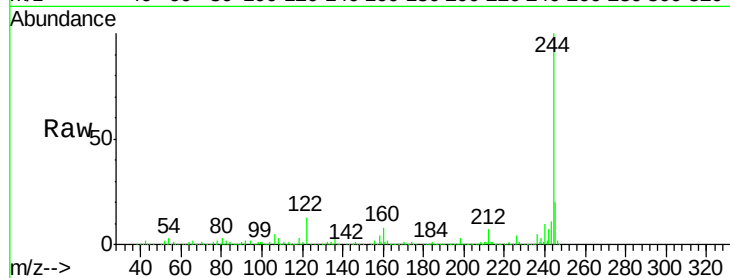
#79
 Terphenyl-d14
 Concen: 81.699 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.2	8.7	13.1

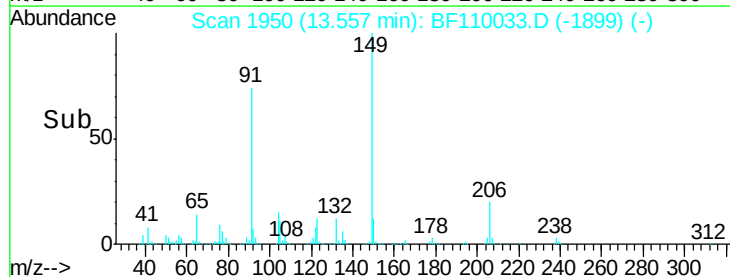
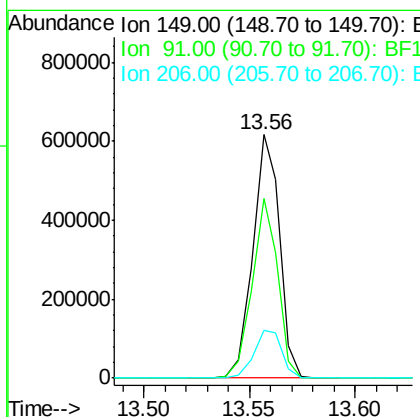
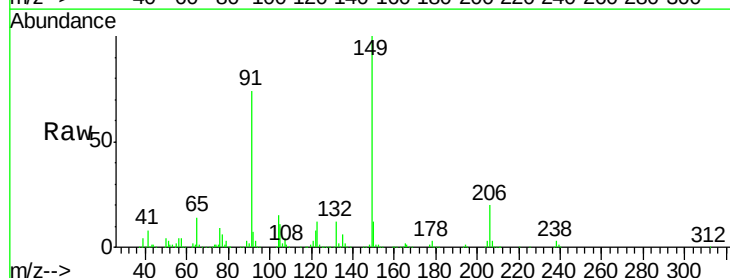
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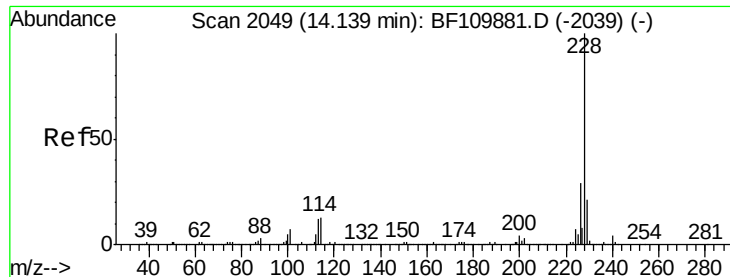
Sohil
 10/22/2018 2:55:53 PM



#80
 Butylbenzylphthalate
 Concen: 48.996 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.0	57.2	85.8
206	19.8	15.7	23.5





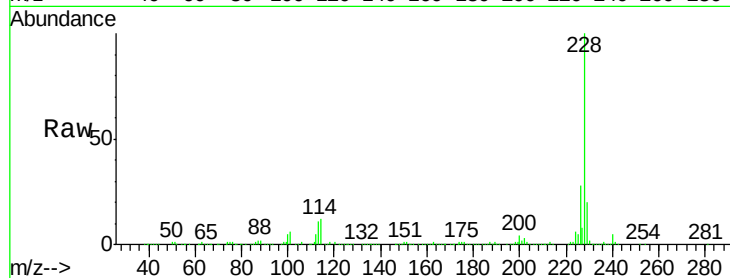
#81
Benzo(a)anthracene
Concen: 47.305 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

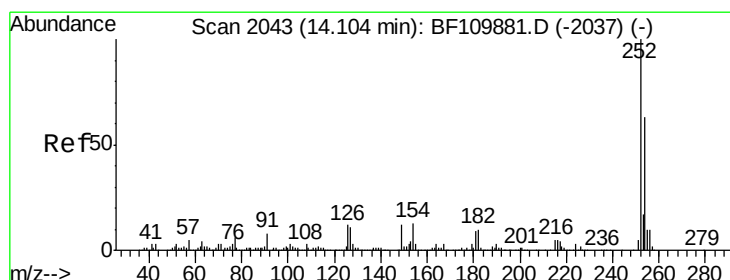
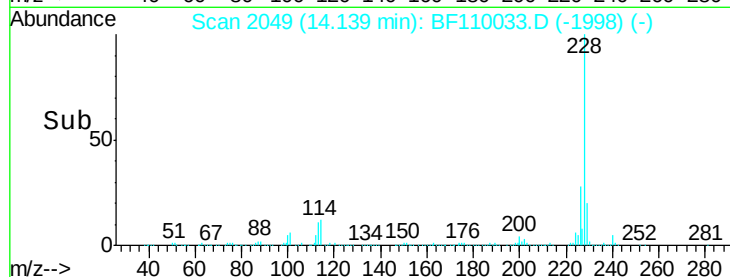
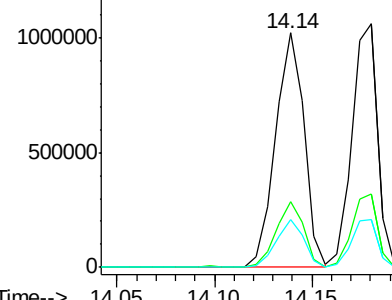
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.2	15.6	23.4

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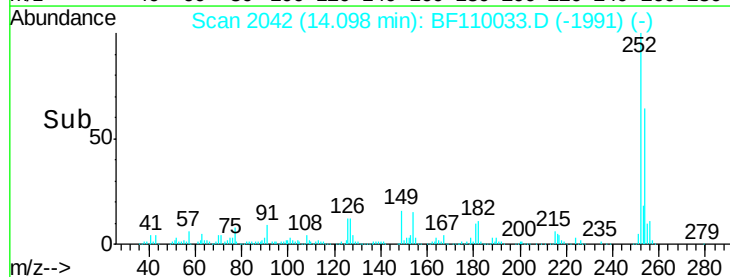
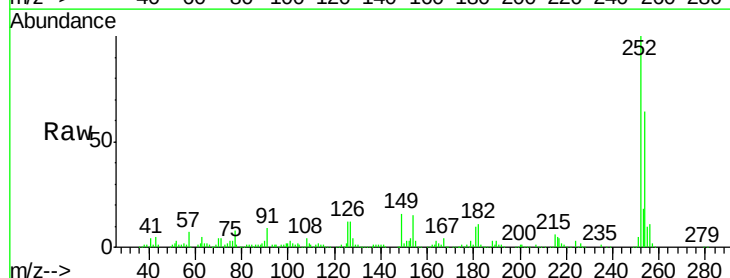
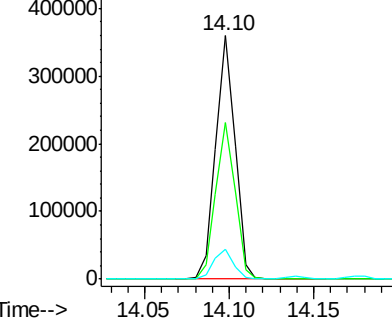
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

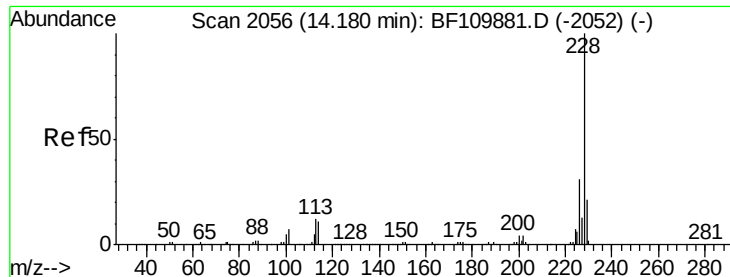


#82
3,3'-Dichlorobenzidine
Concen: 37.285 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	12.2	9.4	14.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.066 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

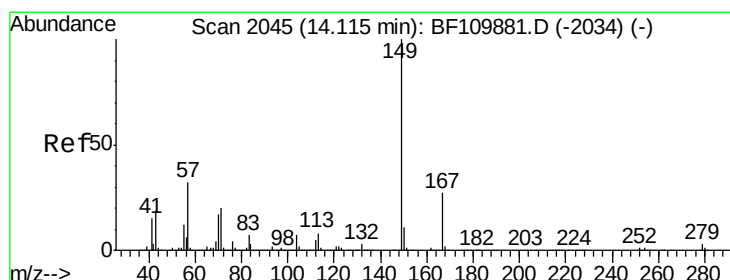
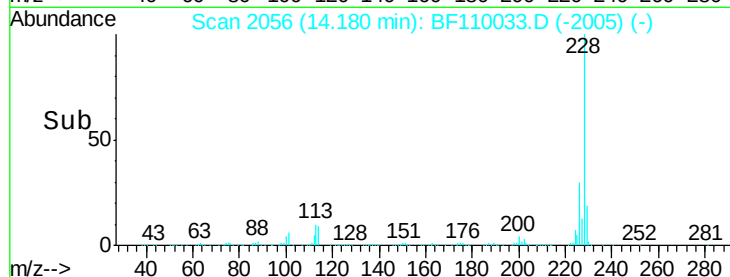
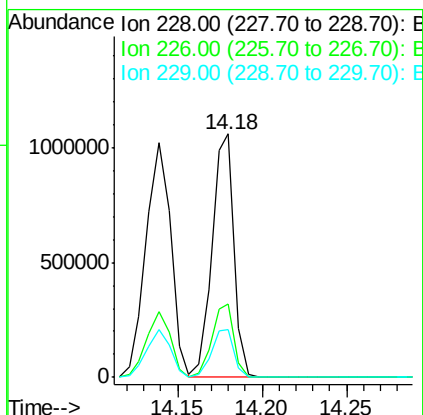
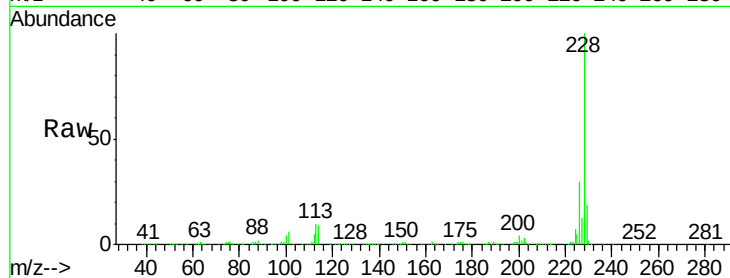
ClientSampleId :

PB113927BS

Tgt Ion:	228	Resp:	961121
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.7	37.1
229	19.4	15.9	23.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 51.807 ng

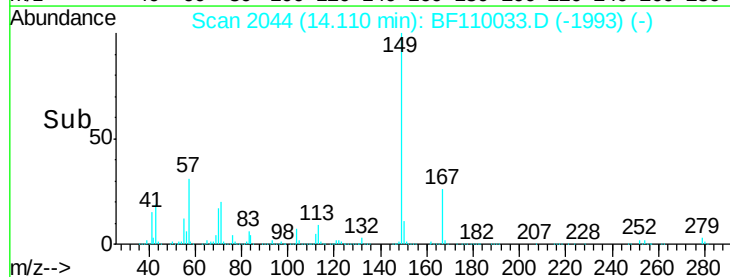
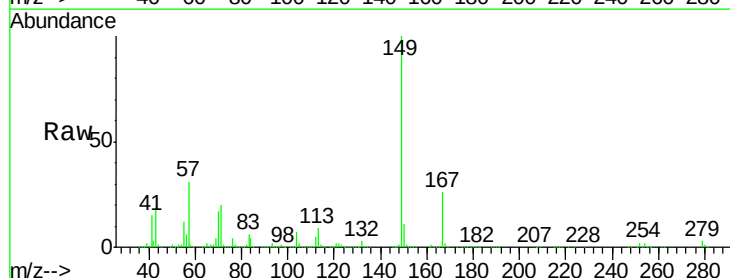
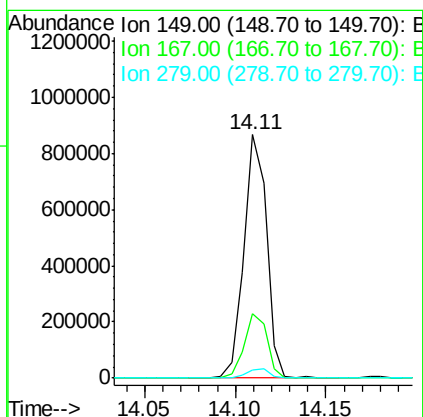
RT: 14.11 min Scan# 2044

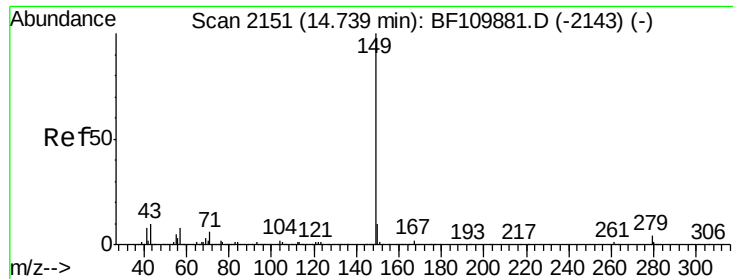
Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Tgt Ion:	149	Resp:	753274
Ion Ratio	Lower	Upper	
149	100		
167	26.3	19.8	29.8
279	3.4	2.7	4.1





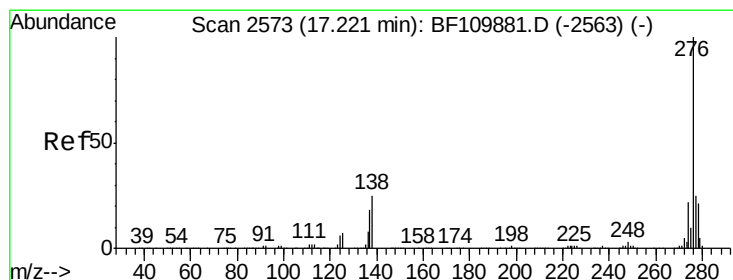
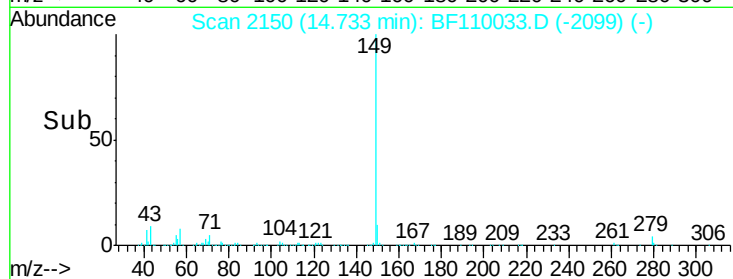
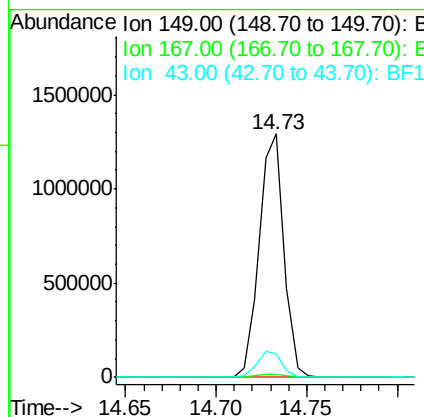
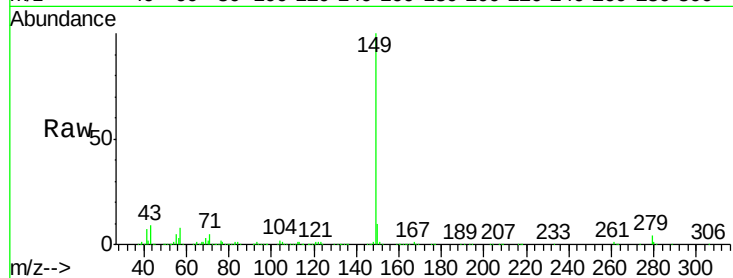
#85
Di-n-octyl phthalate
Concen: 59.523 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

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

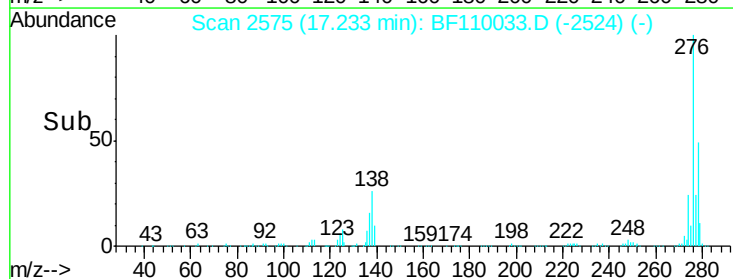
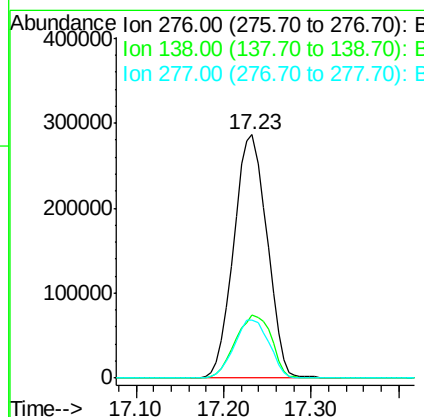
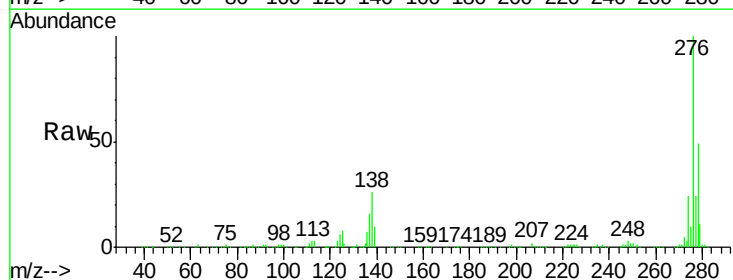
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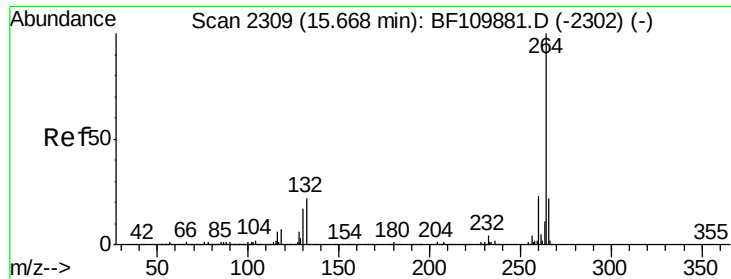
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.070 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	18.5	27.7#
277	25.0	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

PB113927BS

Tgt Ion: 264 Resp: 315538

Ion Ratio Lower Upper

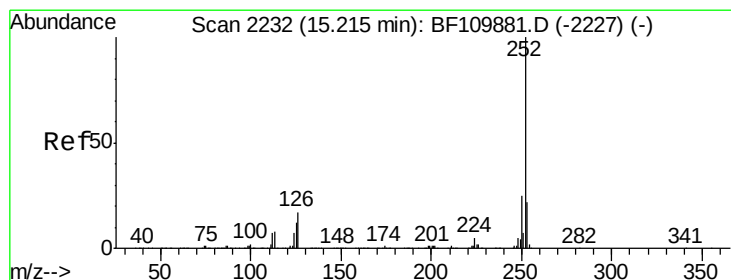
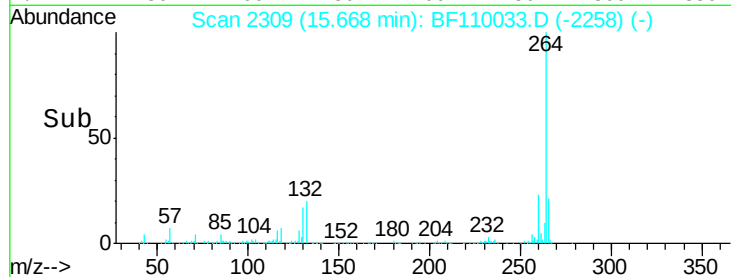
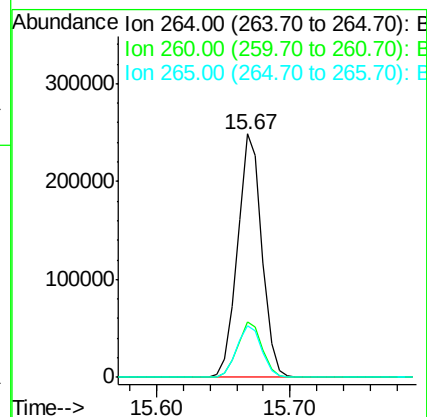
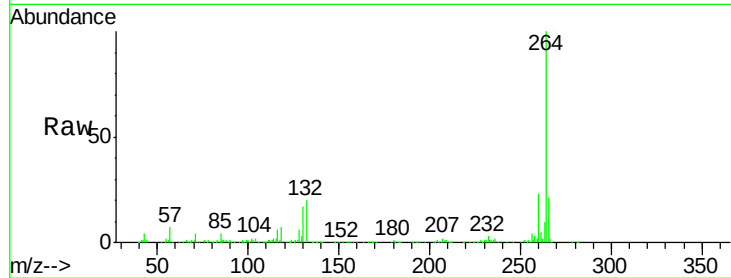
264 100

260 22.7 18.7 28.1

265 21.1 16.7 25.1

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#88

Benzo(b)fluoranthene

Concen: 50.374 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

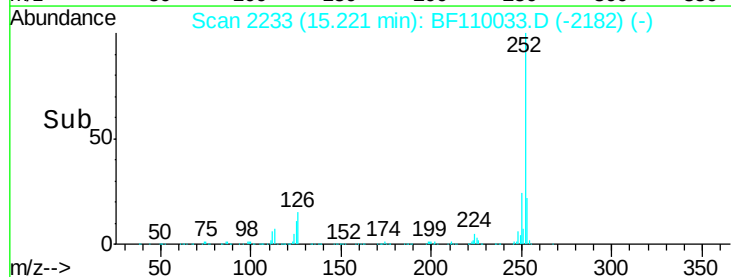
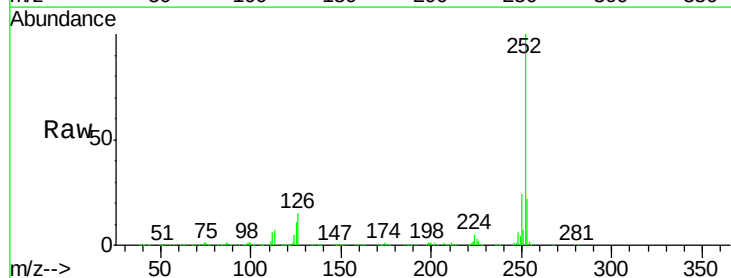
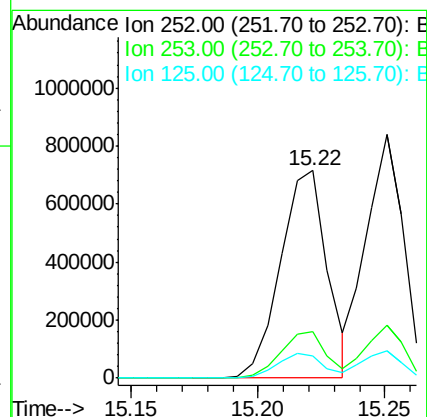
Tgt Ion: 252 Resp: 916380

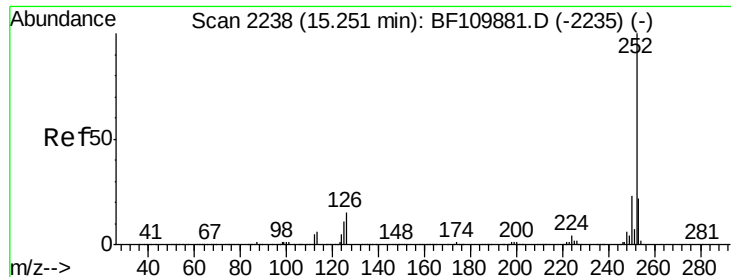
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 10.8 8.2 12.4





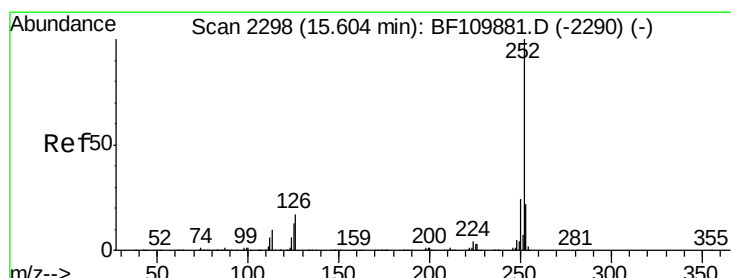
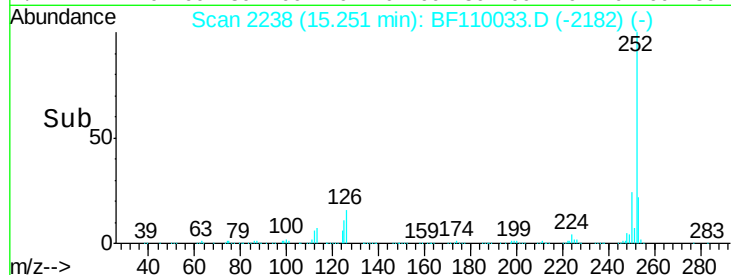
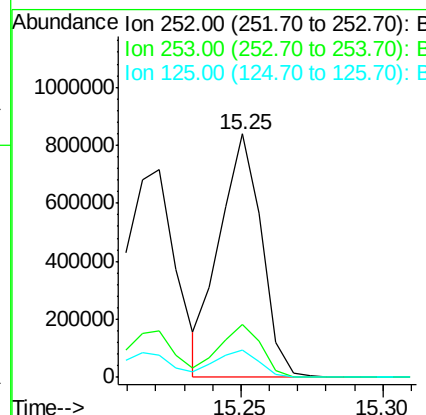
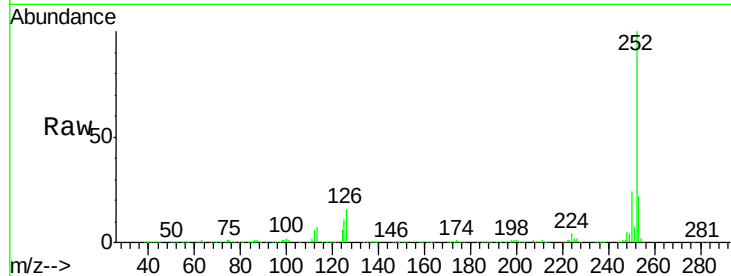
#89
Benzo(k)fluoranthene
Concen: 48.125 ng m
RT: 15.25 min Scan# 2238
Delta R.T. 0.03 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.4	7.4	11.0

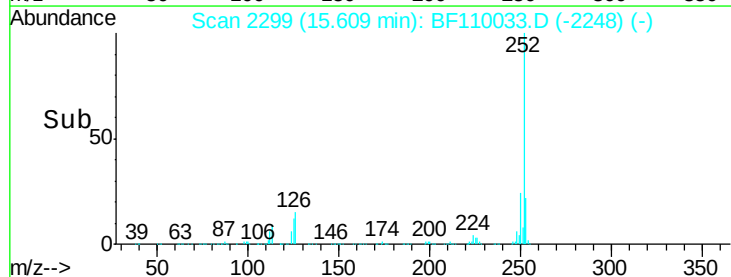
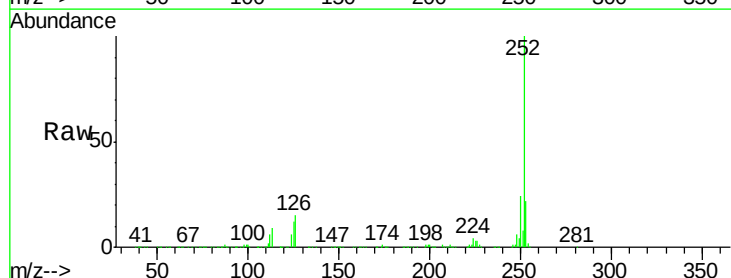
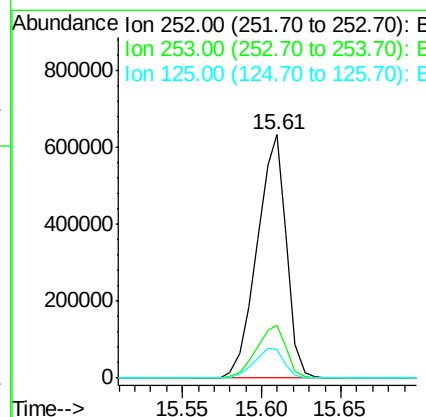
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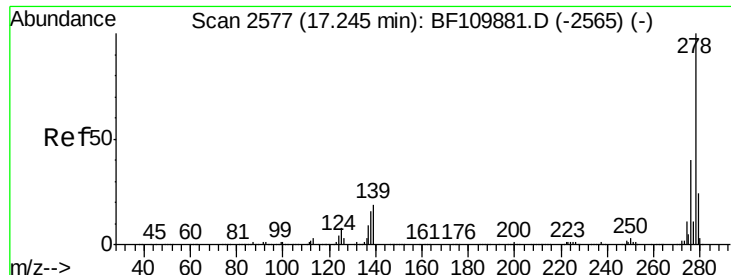
Sohil
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#90
Benzo(a)pyrene
Concen: 48.622 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	11.8	9.0	13.6





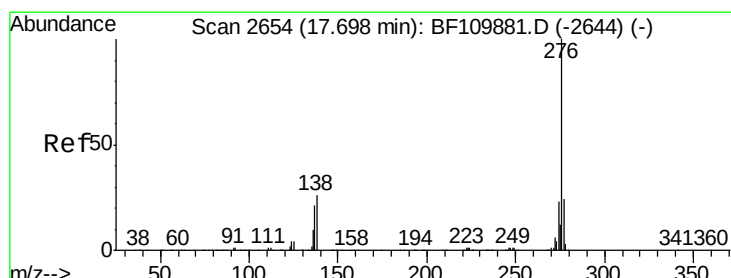
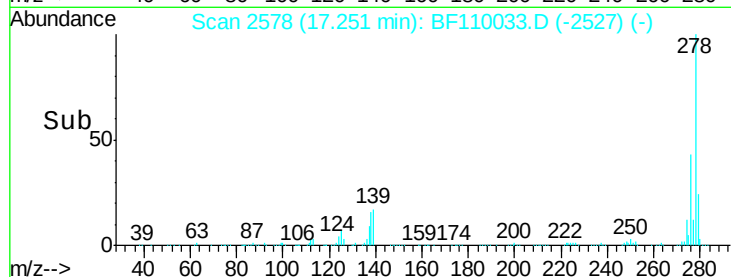
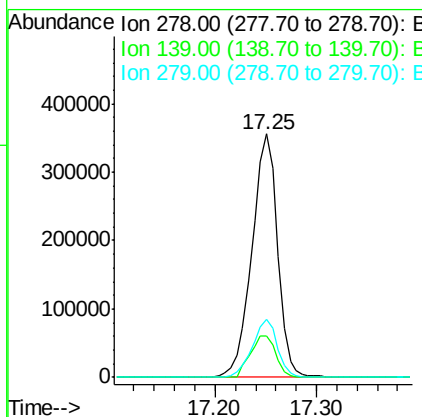
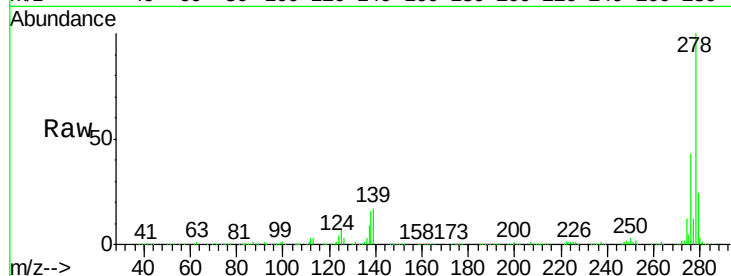
#91
Dibenzo(a,h)anthracene
Concen: 42.200 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.7	19.1
279	23.6	19.0	28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.774 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	24.0	16.0	24.0

