

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102079.D
 Acq On : 15 Jan 2018 22:40
 Operator : SJ/JU
 Sample : PB105648BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 23:48:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	184614	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	737423	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	308961	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	467763	20.00	ng	0.00
75) Chrysene-d12	13.87	240	283193	20.00	ng	-0.01
86) Perylene-d12	15.28	264	288564	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	921040	70.45	ng	0.01
7) Phenol-d6	6.36	99	1094306	70.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	923749	73.61	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	197255	73.16	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1591887	80.49	ng	0.00
78) Terphenyl-d14	12.82	244	982653	72.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	181691	27.848	ng	96
3) Pyridine	3.19	79	492693	27.652	ng	94
4) n-Nitrosodimethylamine	3.15	42	233257	31.262	ng	96
6) Aniline	6.38	93	235477	10.712	ng	94
8) 2-Chlorophenol	6.50	128	457023	34.855	ng	100
9) Benzaldehyde	6.27	77	72836	6.725	ng	92
10) Phenol	6.37	94	543078	30.808	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	423184	31.540	ng	99
12) 1,3-Dichlorobenzene	6.66	146	466860	30.887	ng	98
13) 1,4-Dichlorobenzene	6.74	146	471371	31.252	ng	99
14) 1,2-Dichlorobenzene	6.89	146	435019	31.161	ng	98
15) Benzyl Alcohol	6.87	79	349929	30.669	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	688036	27.818	ng	99
17) 2-Methylphenol	6.98	107	351108	29.683	ng	98
18) Hexachloroethane	7.23	117	158555	29.852	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	289779	28.348	ng	96
20) 3+4-Methylphenols	7.13	107	417355	29.386	ng	# 68
22) Acetophenone	7.13	105	582920	32.808	ng	# 87
24) Nitrobenzene	7.31	77	436728	32.388	ng	94
25) Isophorone	7.55	82	794851	32.056	ng	99
26) 2-Nitrophenol	7.62	139	231214	40.967	ng	97
27) 2,4-Dimethylphenol	7.66	122	361511	34.297	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	499261	33.347	ng	100
29) 2,4-Dichlorophenol	7.86	162	346222	34.593	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	344310	32.889	ng	98
31) Naphthalene	8.03	128	1187163	32.218	ng	100
32) Benzoic acid	7.77	122	210413	26.326	ng	98
33) 4-Chloroaniline	8.07	127	87215	5.545	ng	98
34) Hexachlorobutadiene	8.14	225	185302	33.440	ng	97
35) Caprolactam	8.45	113	81843	23.820	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	366809	33.482	ng	100
37) 2-Methylnaphthalene	8.72	142	808947	33.348	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	319318	36.532	ng	99
40) Hexachlorocyclopentadiene	8.87	237	142264	29.761	ng	96

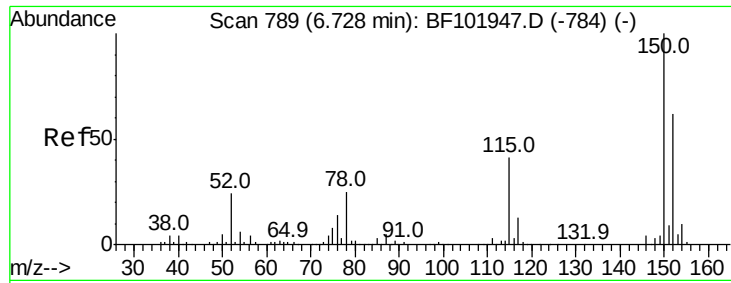
Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102079.D
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 Operator : SJ/JU
 Sample : PB105648BSD
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	228080	37.866	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	226311	33.243	ng	98
45) 1,1'-Biphenyl	9.18	154	919725	33.679	ng	99
46) 2-Chloronaphthalene	9.20	162	700181	33.064	ng	99
47) 2-Nitroaniline	9.30	65	219461	34.596	ng	99
48) Acenaphthylene	9.62	152	1046308	31.133	ng	99
49) Dimethylphthalate	9.49	163	819143	33.050	ng	99
50) 2,6-Dinitrotoluene	9.55	165	179572	36.271	ng	100
51) Acenaphthene	9.79	154	616009	30.199	ng	98
52) 3-Nitroaniline	9.71	138	101676	16.273	ng	97
53) 2,4-Dinitrophenol	9.82	184	61719	37.748	ng	# 21
54) Dibenzofuran	9.96	168	913427	32.628	ng	99
55) 4-Nitrophenol	9.88	139	278948	59.906	ng	92
56) 2,4-Dinitrotoluene	9.95	165	224121	36.118	ng	95
57) Fluorene	10.30	166	670103	34.625	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	167306	34.520	ng	98
59) Diethylphthalate	10.19	149	794132	32.210	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	300523	36.468	ng	99
61) 4-Nitroaniline	10.33	138	159314	26.867	ng	90
62) Azobenzene	10.46	77	714169	29.115	ng	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	51126	23.413	ng	92
65) n-Nitrosodiphenylamine	10.42	169	624035	35.627	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	185408	37.534	ng	94
67) Hexachlorobenzene	10.84	284	182216	33.789	ng	98
68) Atrazine	10.94	200	191469	37.825	ng	99
69) Pentachlorophenol	11.04	266	180452	54.875	ng	99
70) Phenanthrene	11.26	178	886583	32.448	ng	99
71) Anthracene	11.32	178	901423	32.529	ng	99
72) Carbazole	11.47	167	804115	29.522	ng	99
73) Di-n-butylphthalate	11.80	149	1124933	33.664	ng	99
74) Fluoranthene	12.44	202	768040	28.570	ng	98
76) Benzidine	12.57	184	167643	12.259	ng	97
77) Pyrene	12.67	202	747895	29.877	ng	99
79) Butylbenzylphthalate	13.30	149	365782	31.840	ng	94
80) Benzo(a)anthracene	13.86	228	579468	32.071	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	180105	26.921	ng	99
82) Chrysene	13.89	228	587445	31.180	ng	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	450641	34.195	ng	99
84) Di-n-octyl phthalate	14.47	149	797963	36.489	ng	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	533990	38.941	ng	99
87) Benzo(b)fluoranthene	14.88	252	595635	31.657	ng	99
88) Benzo(k)fluoranthene	14.91	252	577690	31.828	ng	98
89) Benzo(a)pyrene	15.23	252	564068	33.315	ng	99
90) Dibenzo(a,h)anthracene	16.67	278	450229	33.322	ng	99
91) Benzo(g,h,i)perylene	17.07	276	425386	31.254	ng	96

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

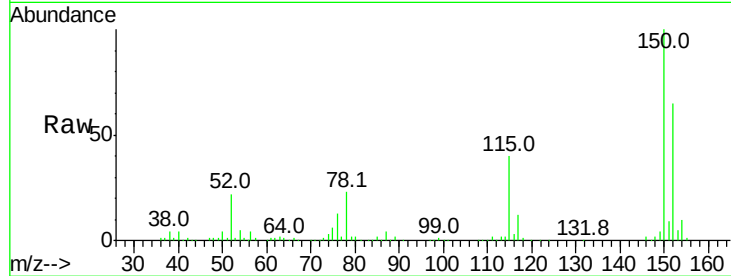


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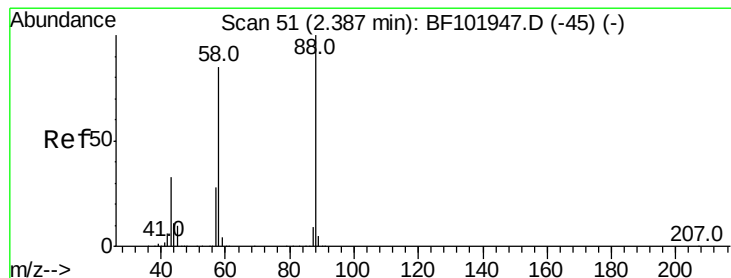
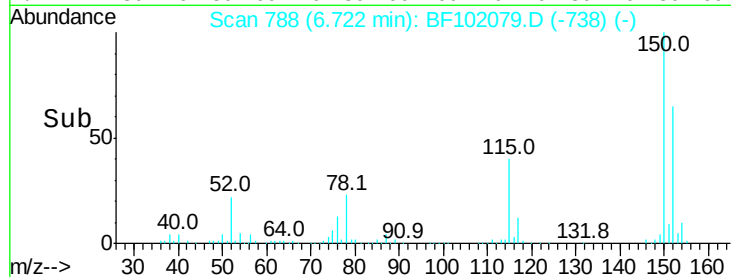
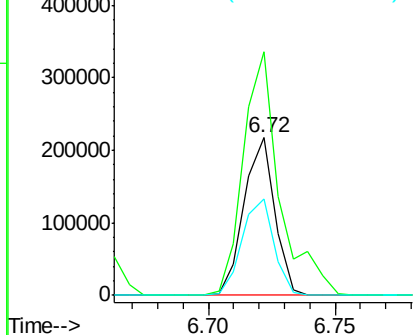
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 184614
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 61.3 50.1 75.1



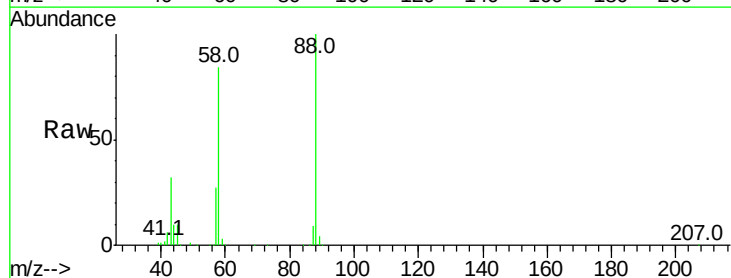
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



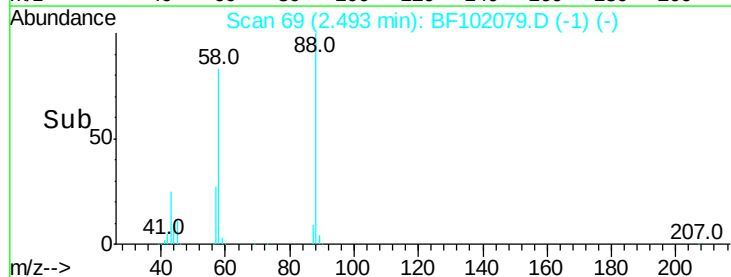
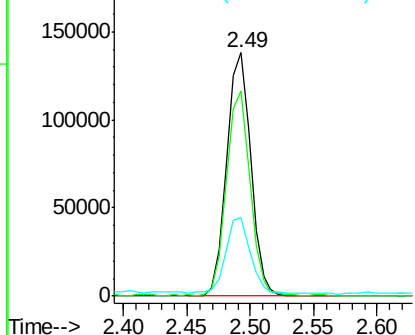
#2

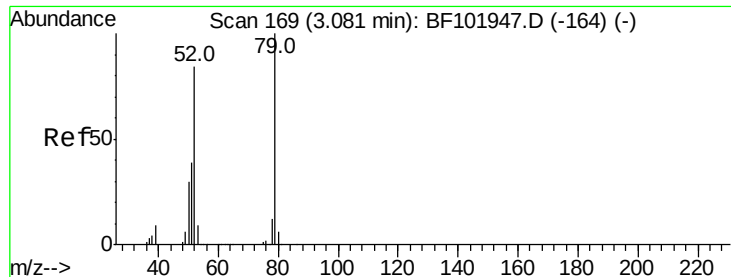
1,4-Dioxane
Concen: 27.848 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.10 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion: 88 Resp: 181691
Ion Ratio Lower Upper
88 100
58 82.0 62.6 93.8
43 31.5 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.652 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.09 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

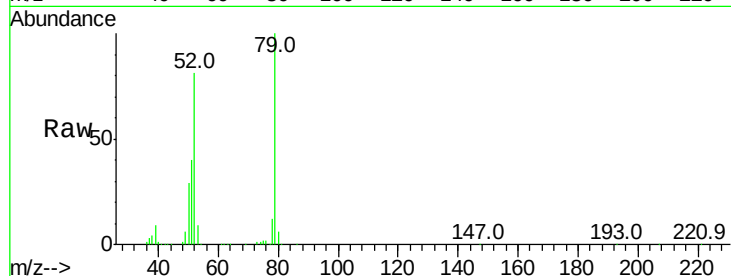
Tot Ion: 79 Resp: 492693

Ion Ratio Lower Upper

79 100

52 81.2 59.8 89.6

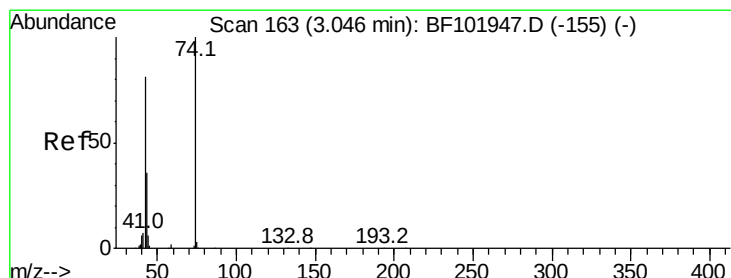
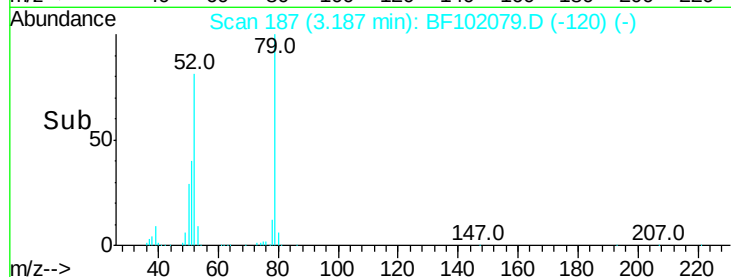
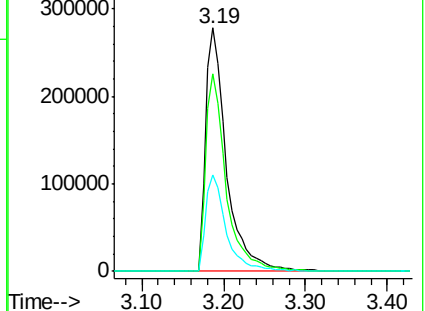
51 39.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.262 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.10 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

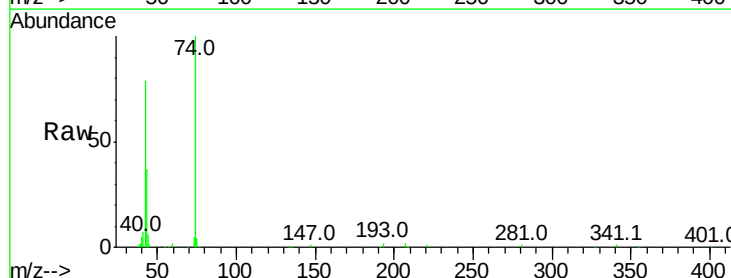
Tgt Ion: 42 Resp: 233257

Ion Ratio Lower Upper

42 100

74 126.6 104.9 157.3

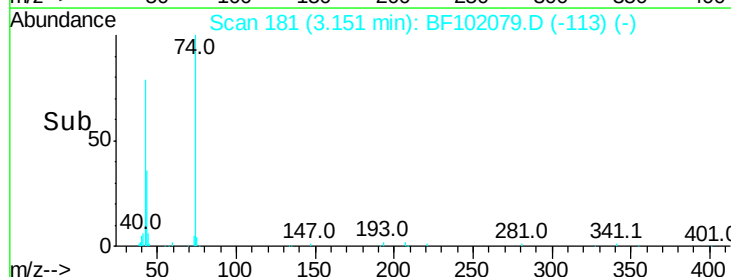
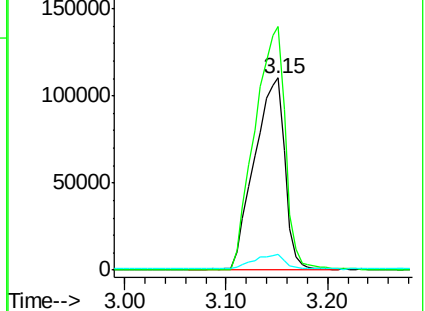
44 8.0 6.9 10.3

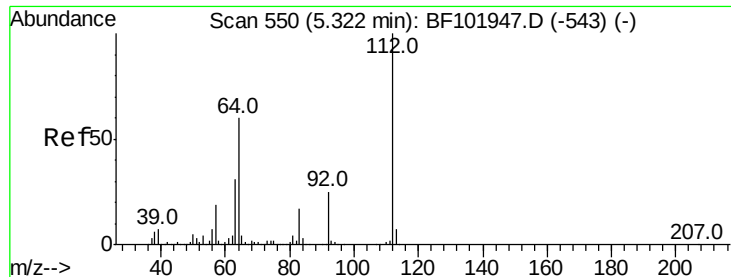


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 70.449 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

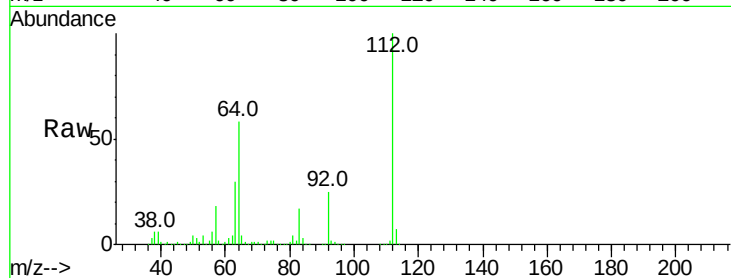
Tot Ion:112 Resp: 921040

Ion Ratio Lower Upper

112 100

64 57.6 47.9 71.9

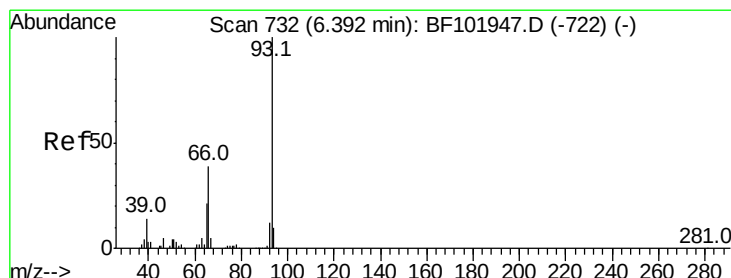
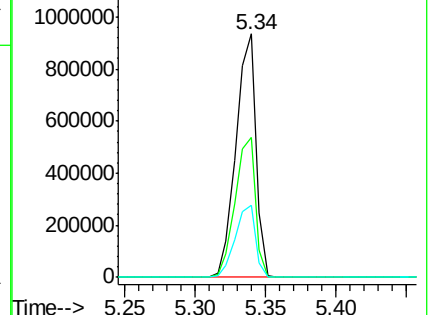
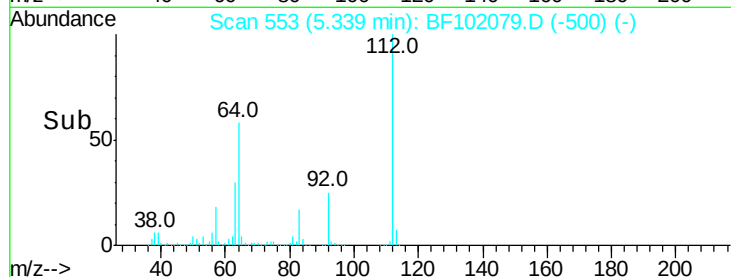
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.712 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

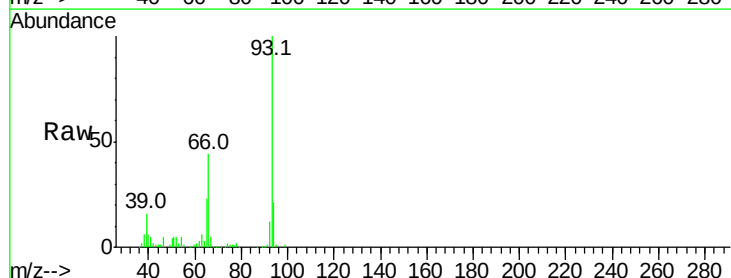
Tgt Ion: 93 Resp: 235477

Ion Ratio Lower Upper

93 100

66 43.9 32.2 48.2

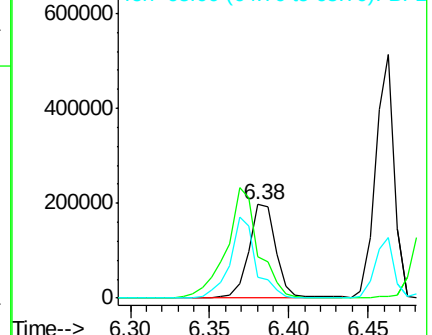
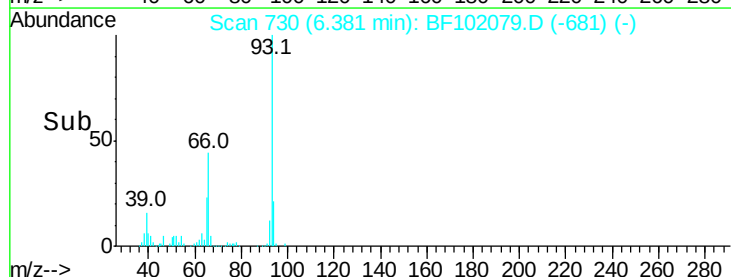
65 22.9 16.4 24.6

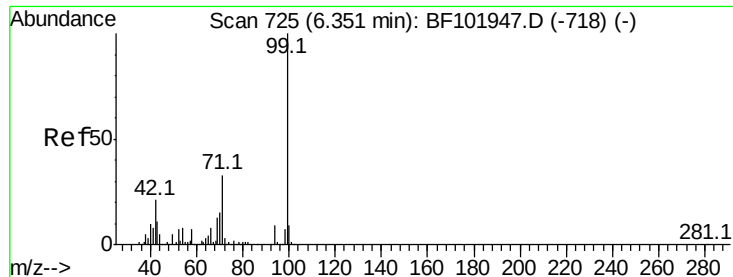


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 70.155 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampled :

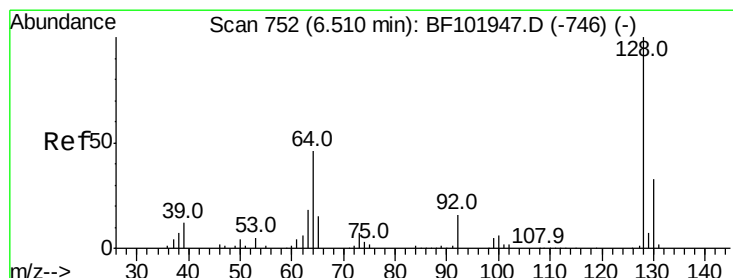
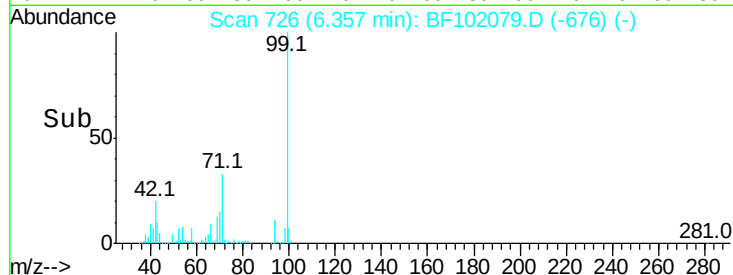
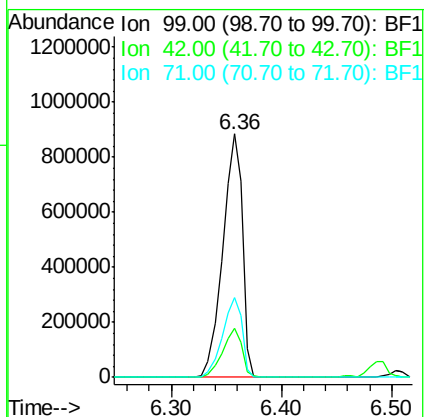
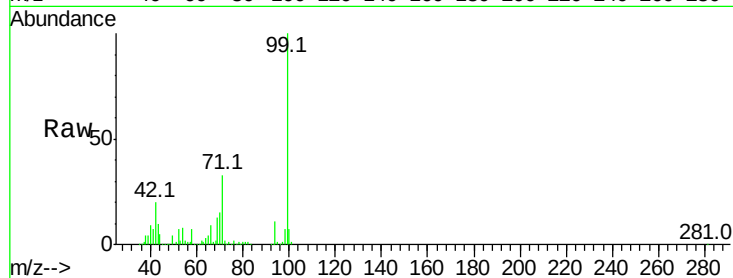
Tot Ion: 99 Resp: 1094306

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.0 25.4 38.0



#8

2-Chlorophenol

Concen: 34.855 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

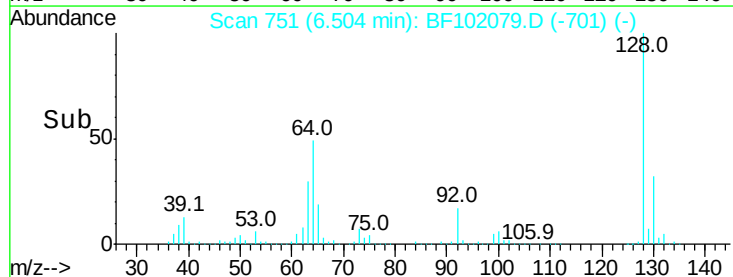
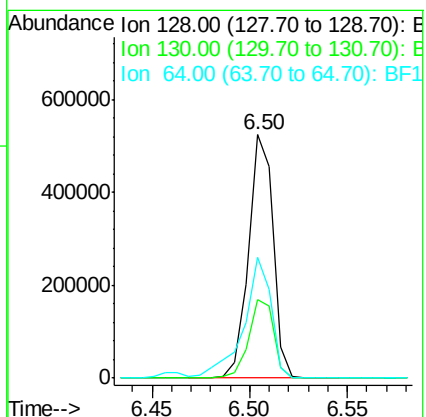
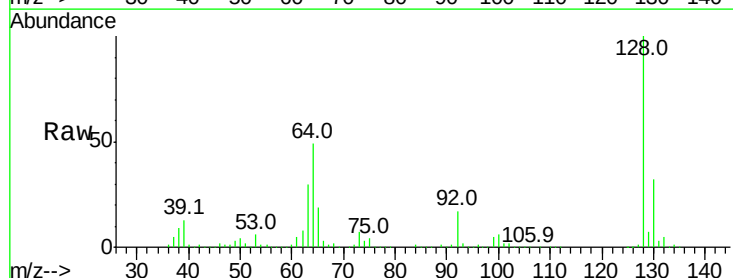
Tgt Ion: 128 Resp: 457023

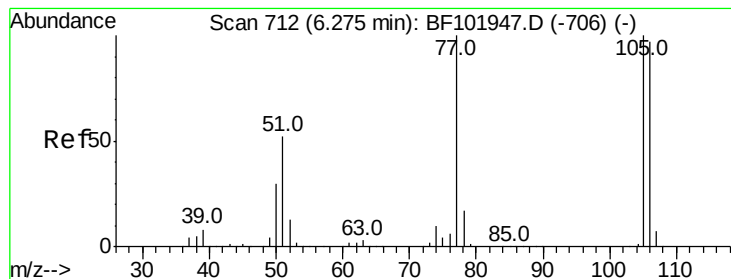
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 49.5 29.4 69.4





#9

Benzaldehyde

Concen: 6.725 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampled :

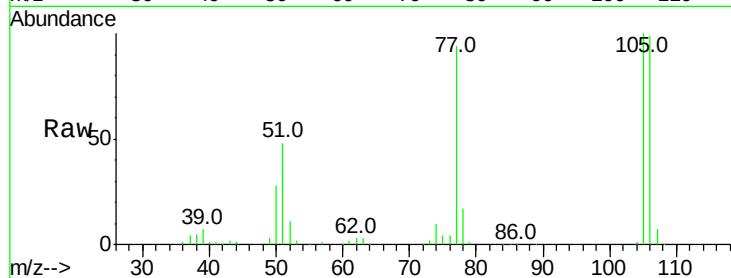
Tot Ion: 77 Resp: 72836

Ion Ratio Lower Upper

77 100

105 106.6 81.1 121.1

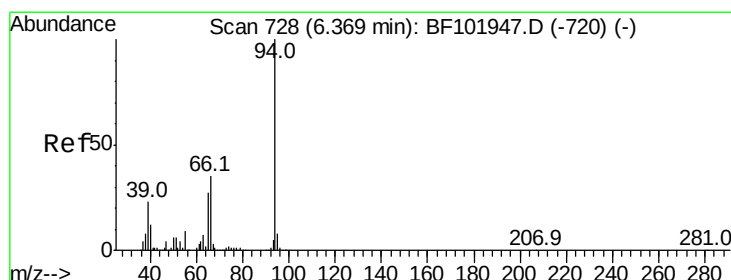
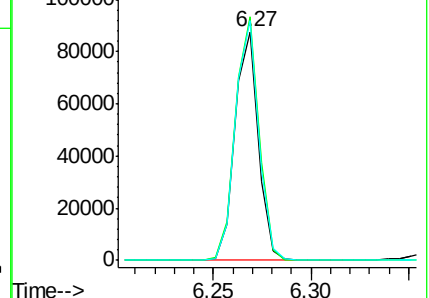
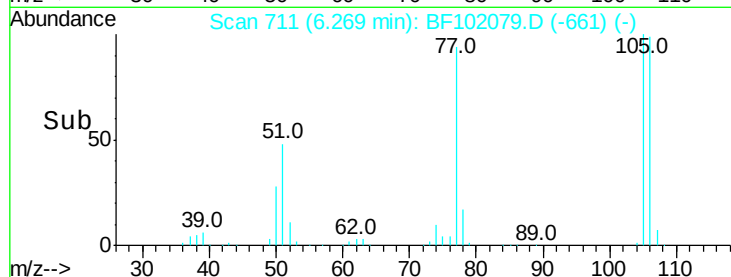
106 105.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.808 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

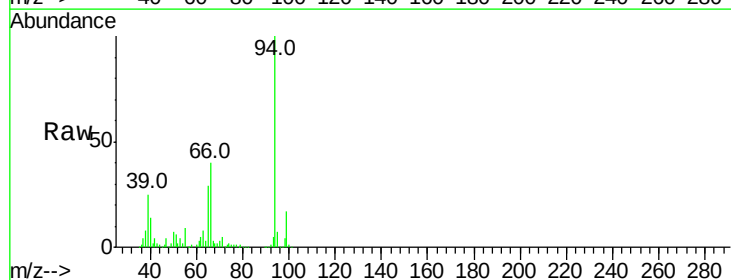
Tgt Ion: 94 Resp: 543078

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

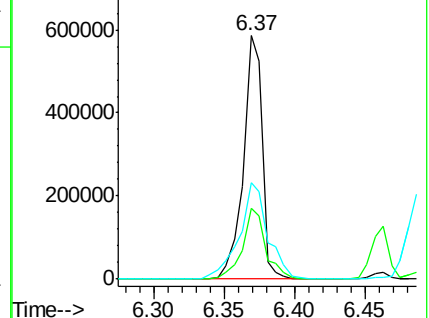
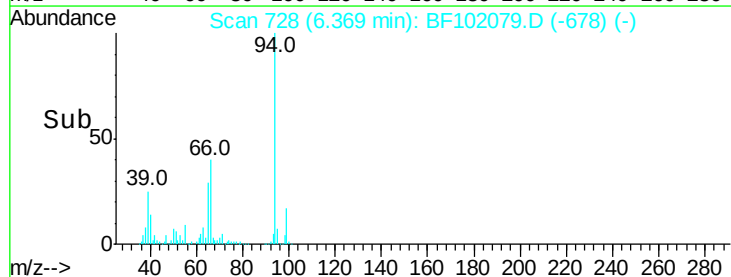
66 39.8 16.2 56.2

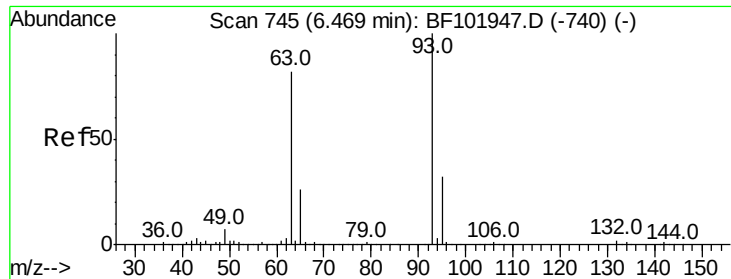


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 31.540 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

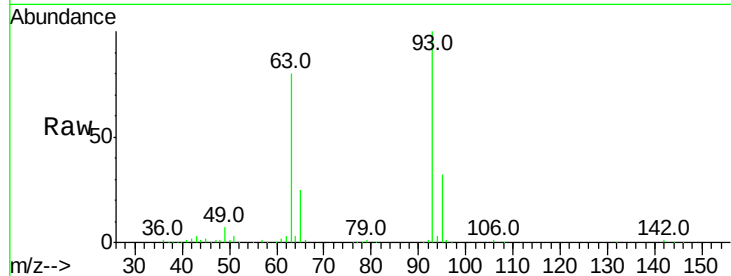
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 423184

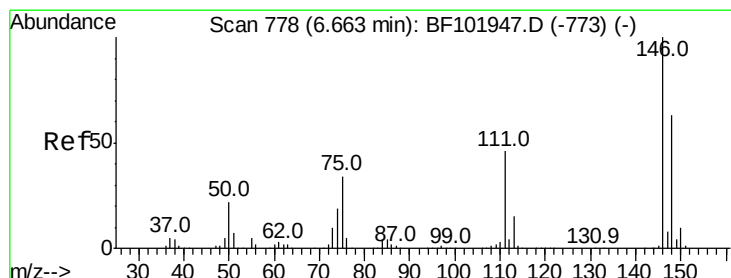
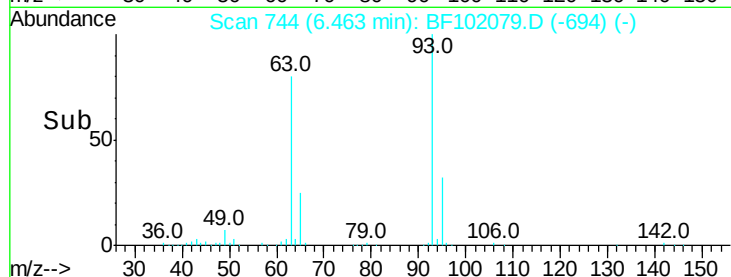
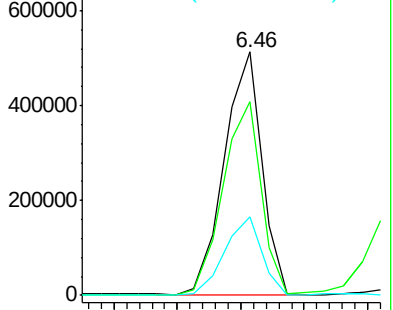
Ion	Ratio	Lower	Upper
93	100		
63	79.8	58.6	98.6
95	32.1	11.8	51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 30.887 ng

RT: 6.66 min Scan# 778

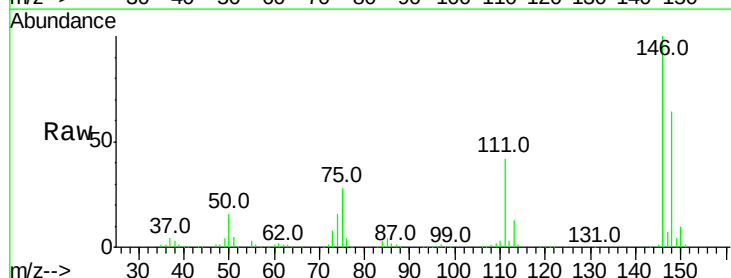
Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion: 146 Resp: 466860

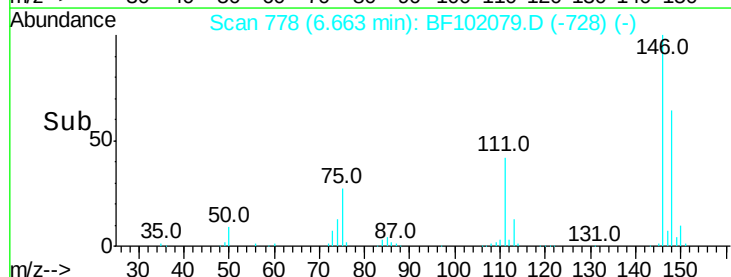
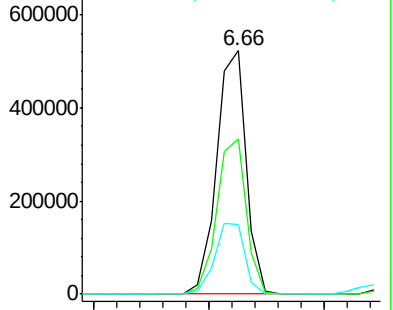
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.4	24.2	36.4

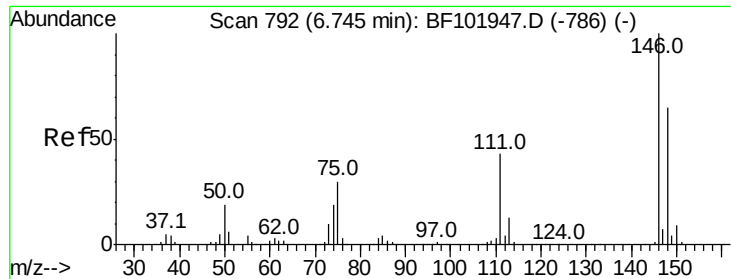


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 31.252 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

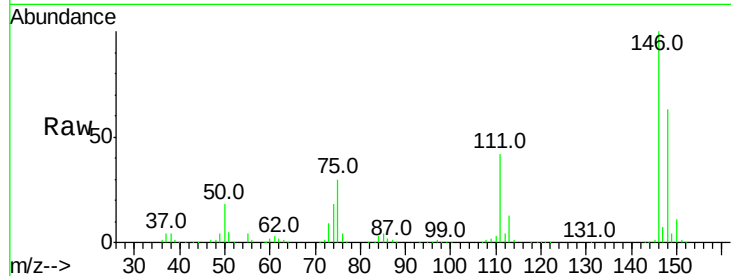
Tot Ion:146 Resp: 471371

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

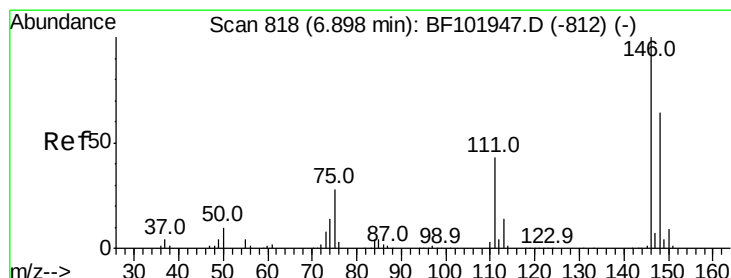
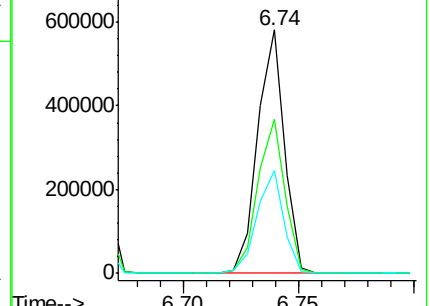
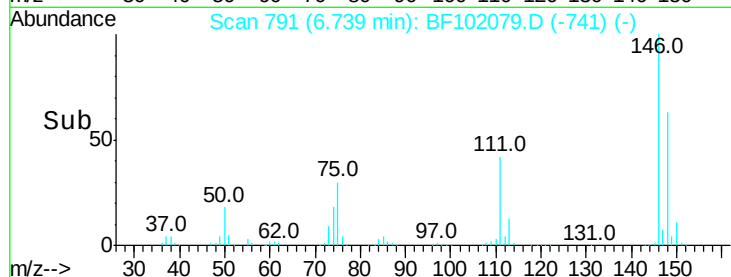
111 42.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.161 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

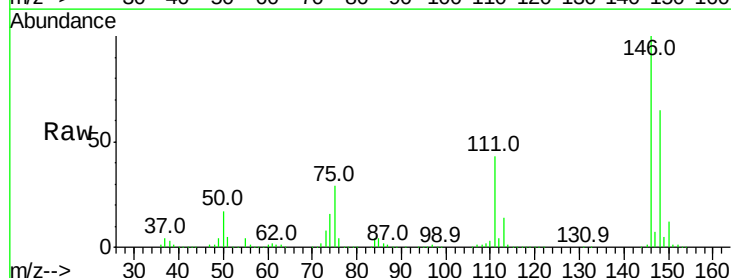
Tgt Ion:146 Resp: 435019

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

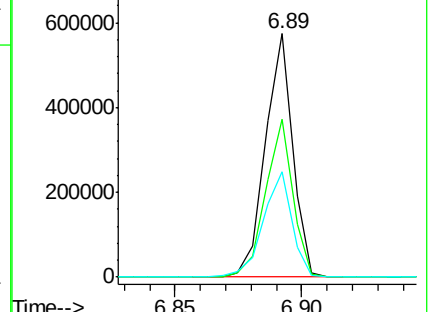
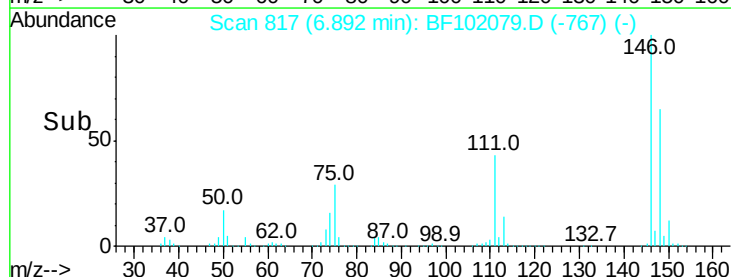
111 43.4 36.0 54.0

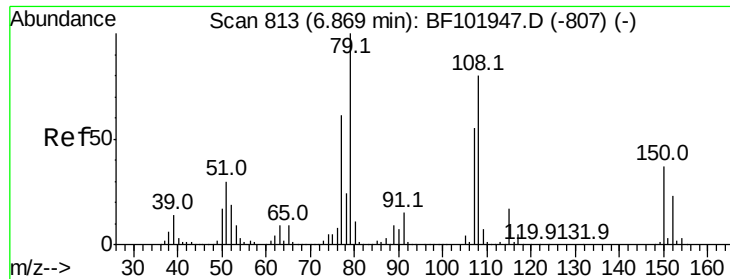


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

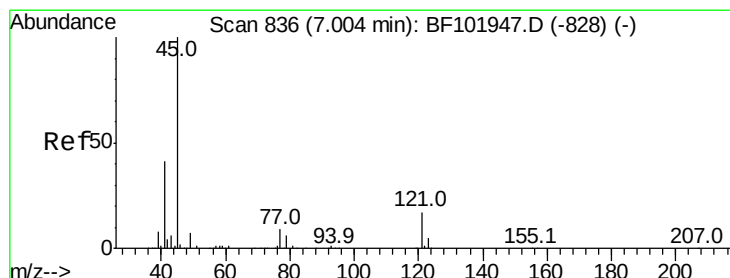
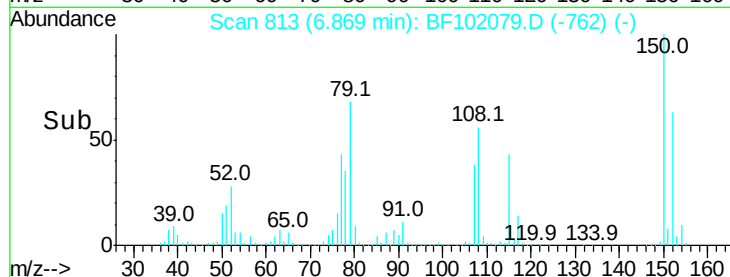
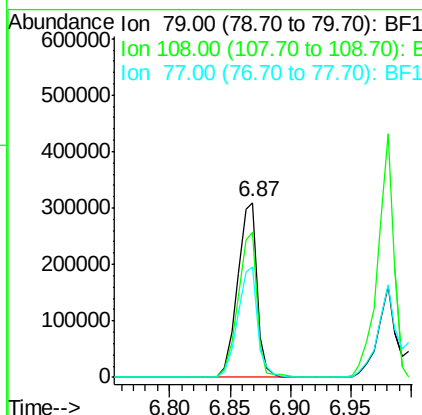
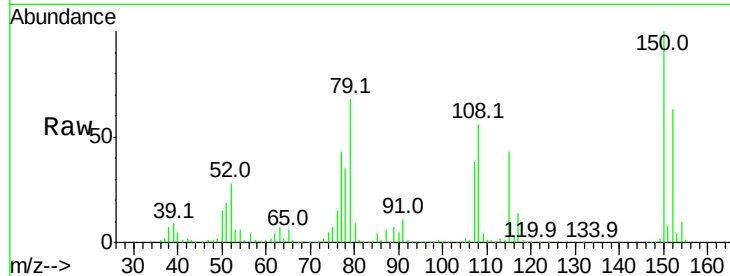




#15
Benzyl Alcohol
Concen: 30.669 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

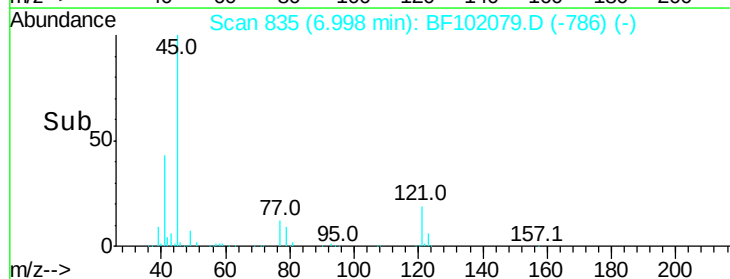
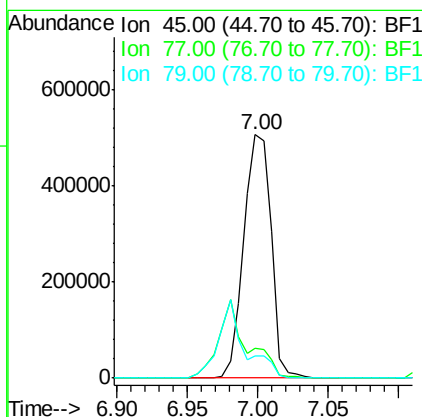
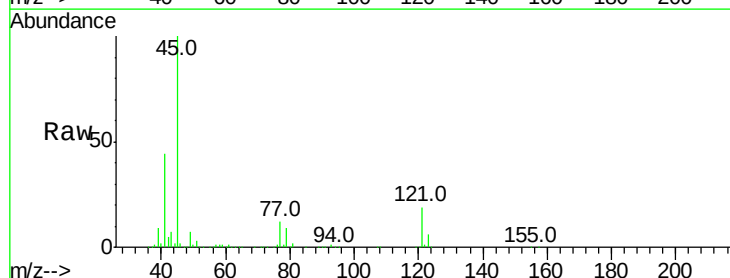
Instrument :
BNA_F
ClientSampled :

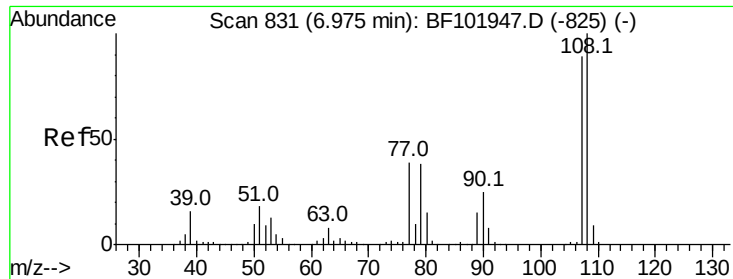
Tot Ion: 79 Resp: 349929
Ion Ratio Lower Upper
79 100
108 82.7 65.1 97.7
77 63.0 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 27.818 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion: 45 Resp: 688036
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.9
79 9.2 0.0 29.6

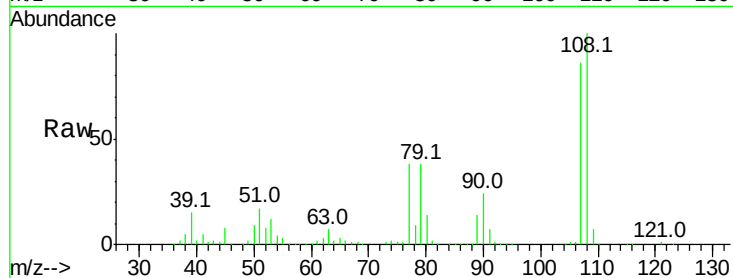




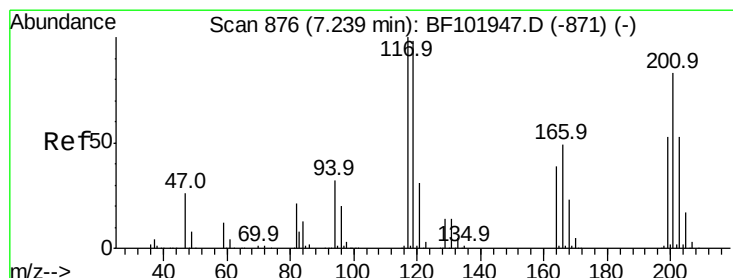
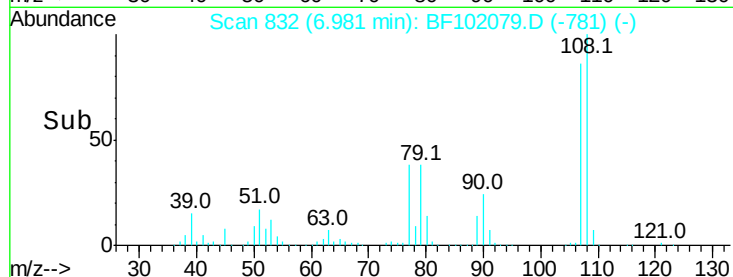
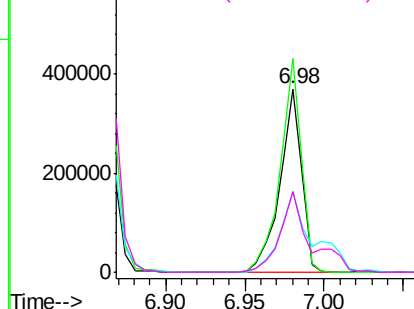
#17
2-Methylphenol
Concen: 29.683 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 351108
Ion Ratio Lower Upper
107 100
108 116.3 91.7 137.5
77 44.0 33.8 50.8
79 43.9 33.8 50.8

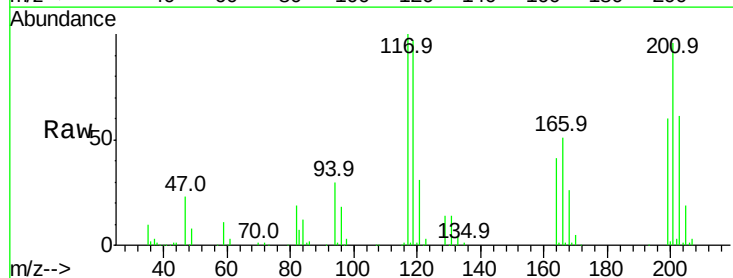


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

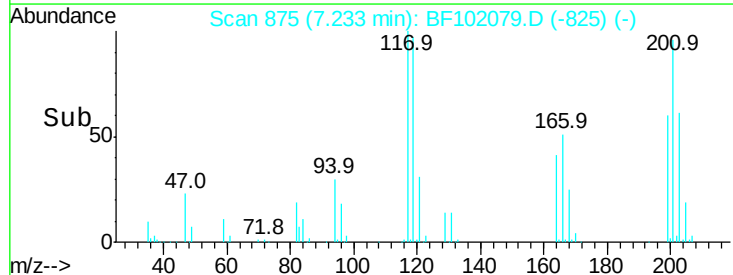
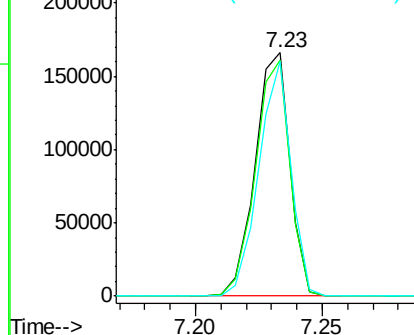


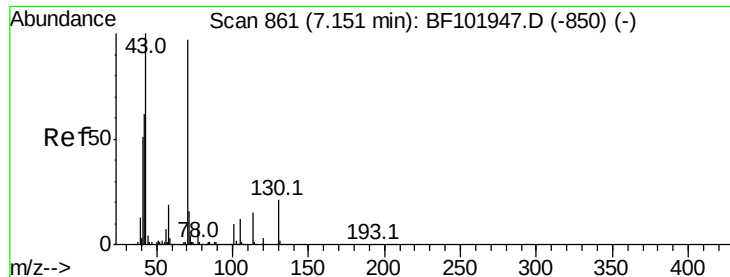
#18
Hexachloroethane
Concen: 29.852 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion:117 Resp: 158555
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.8
201 96.4 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 28.348 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 289779

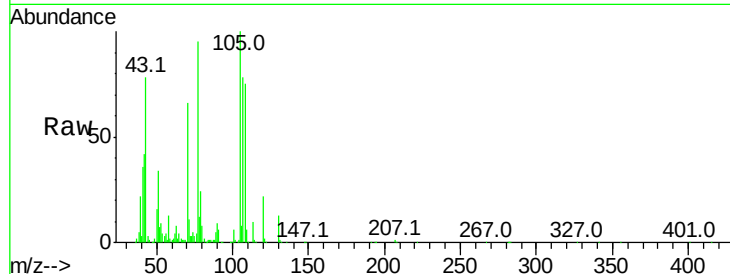
Ion Ratio Lower Upper

70 100

42 63.3 47.5 71.3

101 9.2 7.4 11.2

130 20.2 16.6 25.0

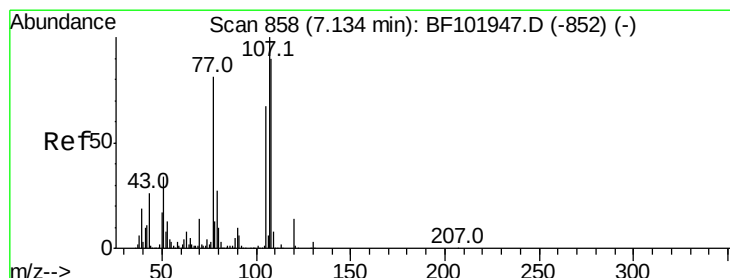
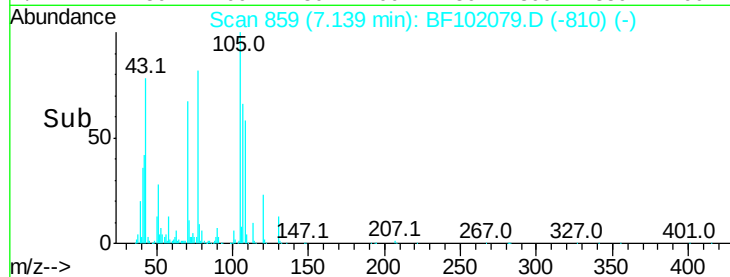
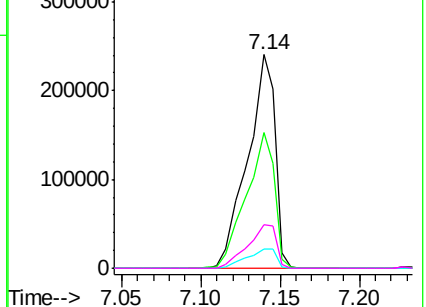


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 29.386 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion: 107 Resp: 417355

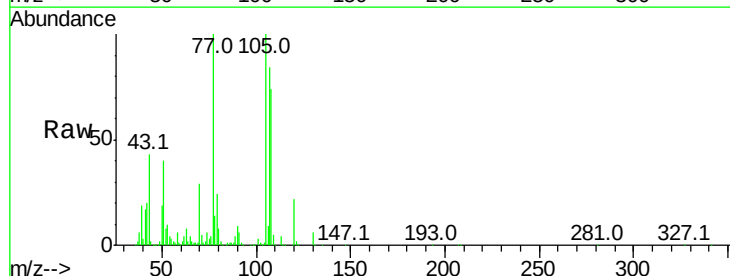
Ion Ratio Lower Upper

107 100

108 88.3 68.2 108.2

77 118.7 26.7 66.7#

79 28.1 6.3 46.3

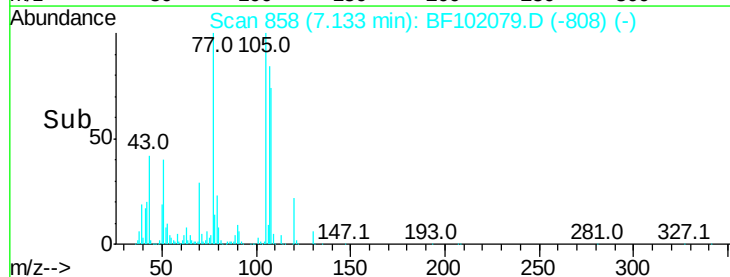
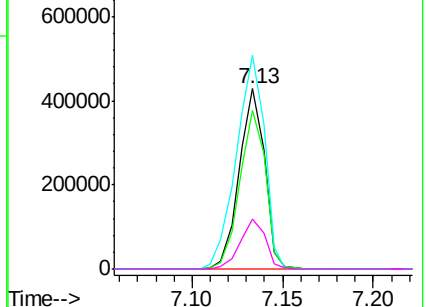


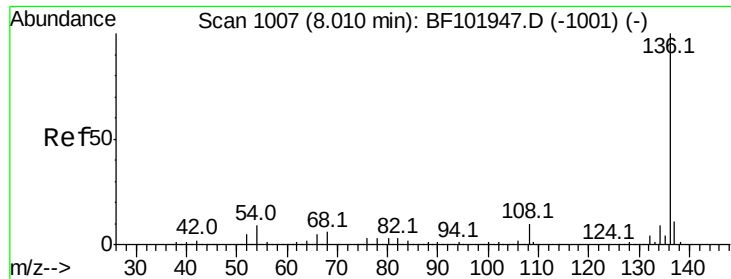
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

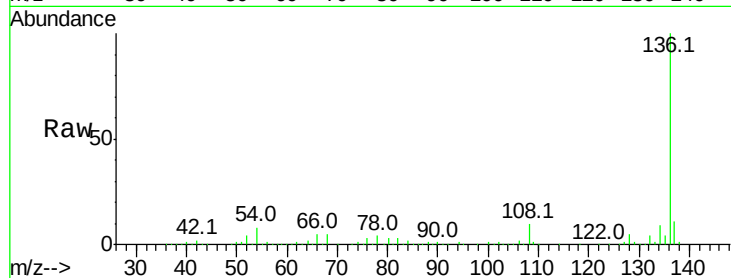




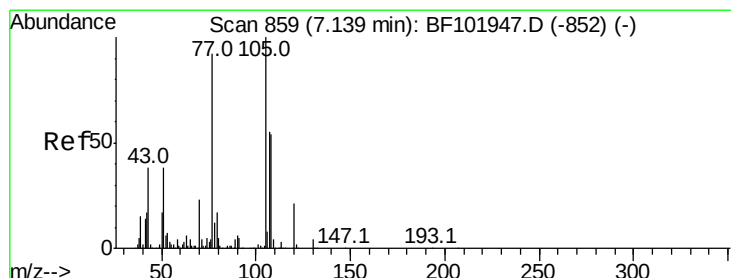
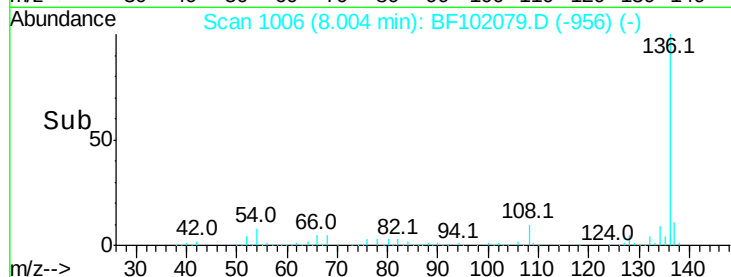
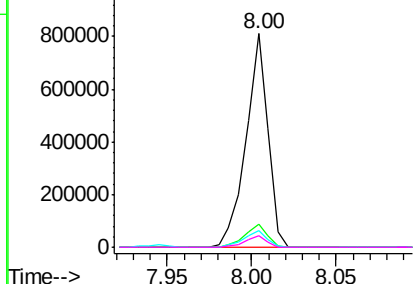
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	737423
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	5.2	5.0	7.4

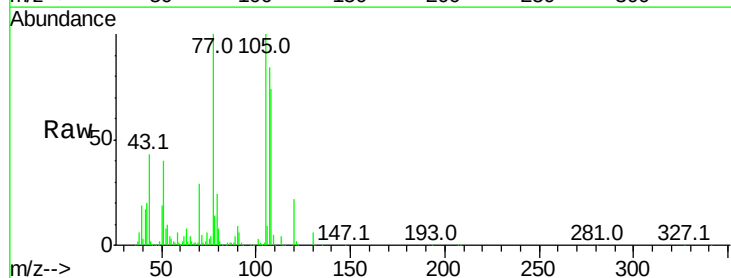


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

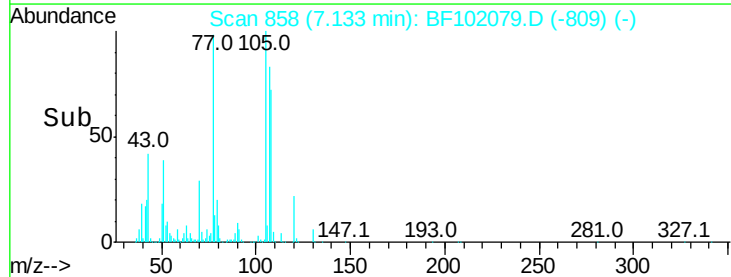
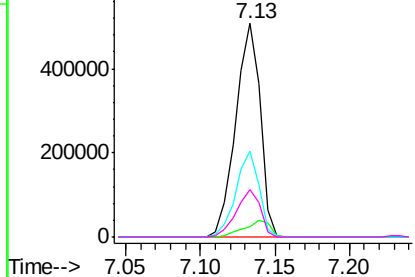


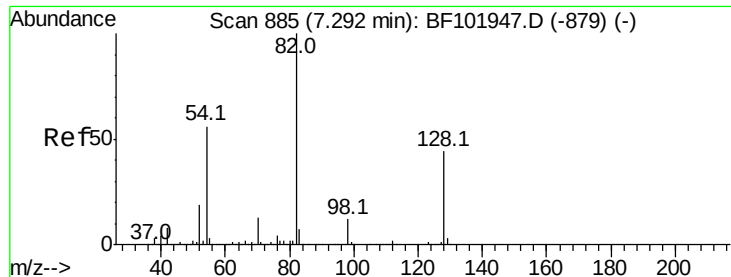
#22
Acetophenone
Concen: 32.808 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion:	105	Resp:	582920
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	40.2	22.3	33.5
120	21.9	16.9	25.3



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

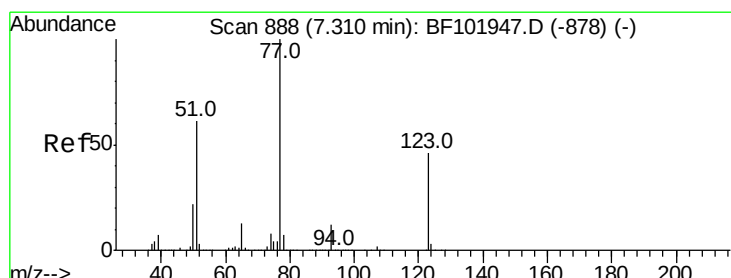
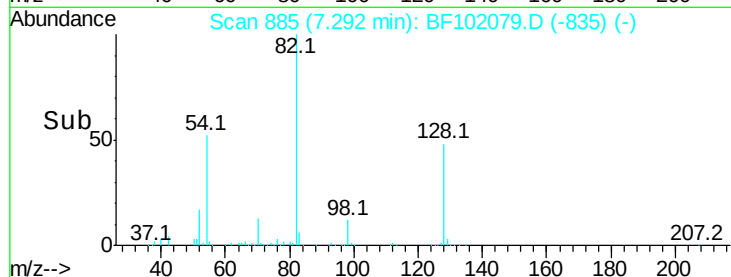
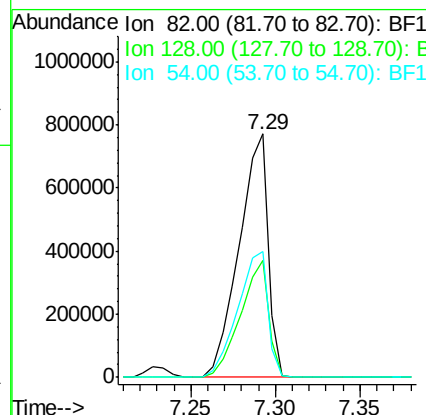
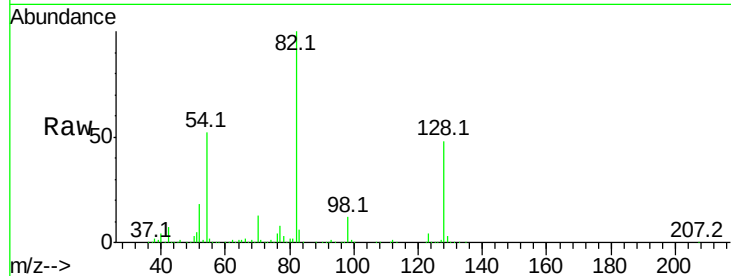




#23
 Nitrobenzene-d5
 Concen: 73.612 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

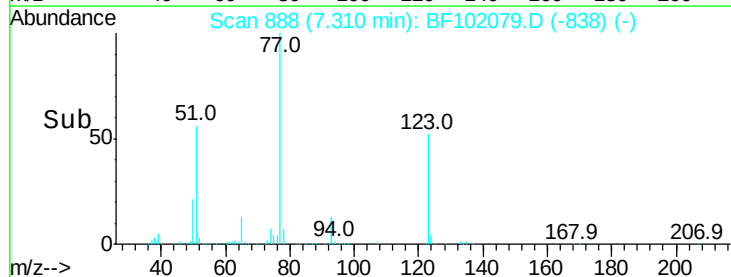
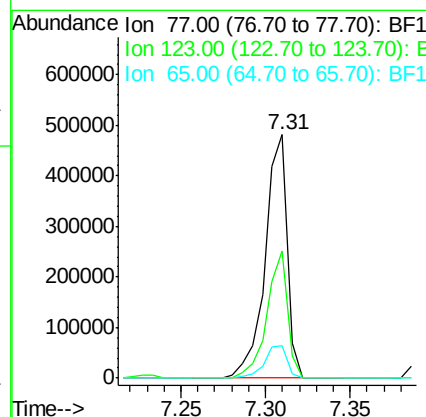
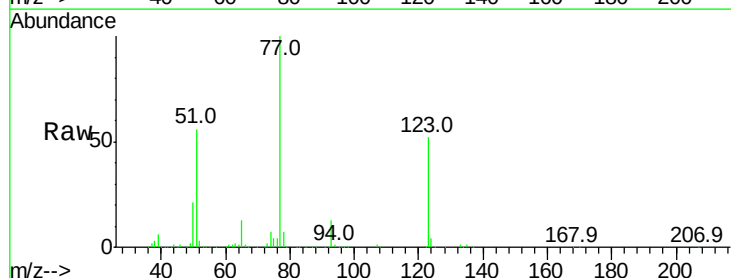
Instrument :
 BNA_F
 ClientSampled :

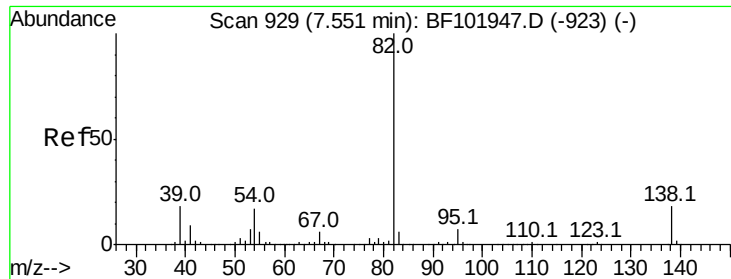
Tot Ion	82	Resp	923749
Ion Ratio	Lower	Upper	
82	100		
128	48.1	36.1	54.1
54	51.9	41.4	62.2



#24
 Nitrobenzene
 Concen: 32.388 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	77	Resp	436728
Ion Ratio	Lower	Upper	
77	100		
123	52.0	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 32.056 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampled :

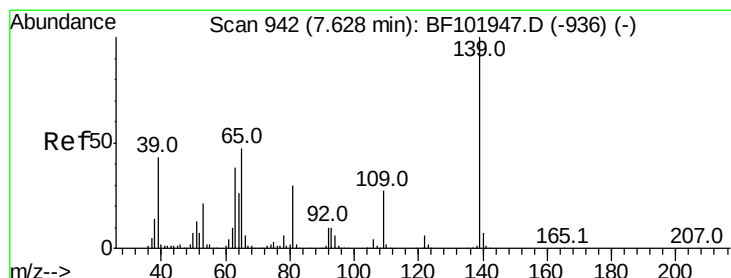
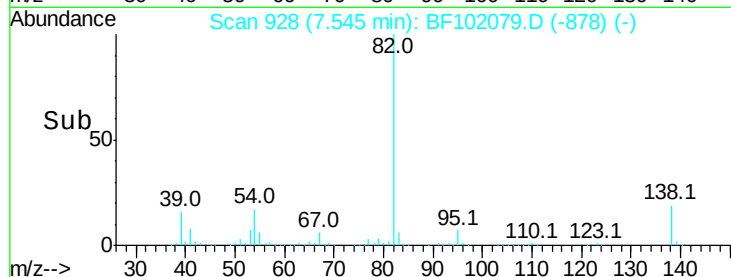
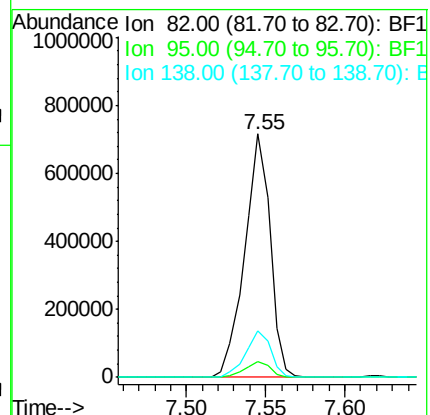
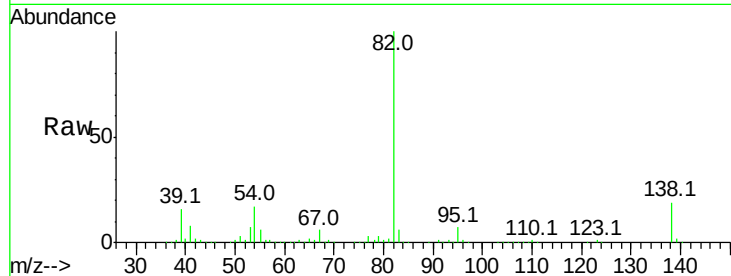
Tot Ion: 82 Resp: 794851

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 40.967 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

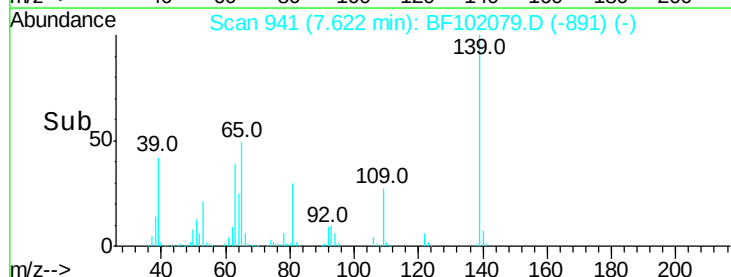
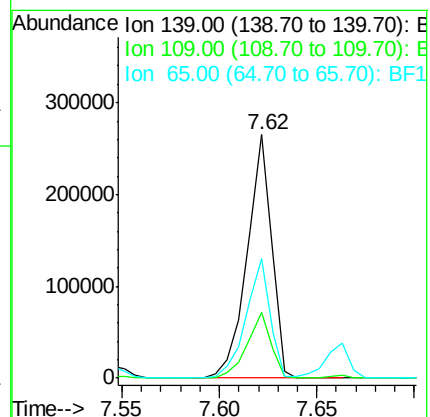
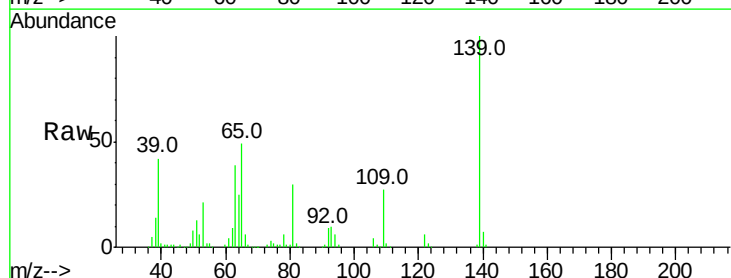
Tgt Ion: 139 Resp: 231214

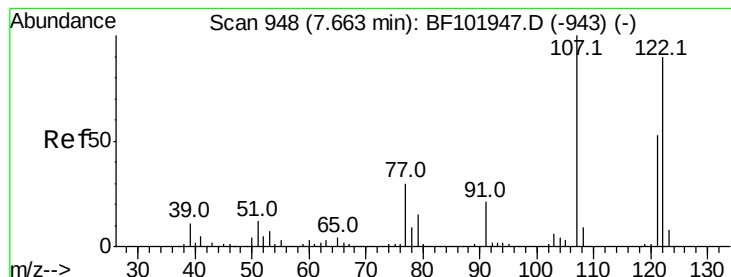
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 48.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 34.297 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

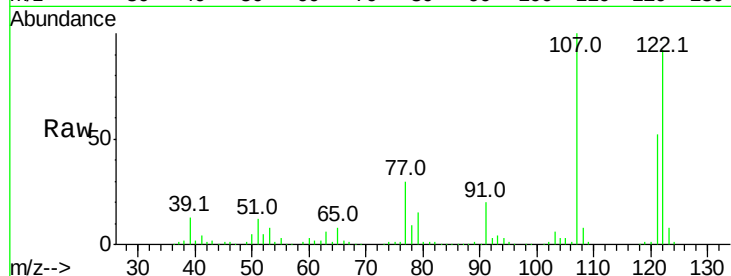
Tot Ion:122 Resp: 361511

Ion Ratio Lower Upper

122 100

107 108.3 91.2 136.8

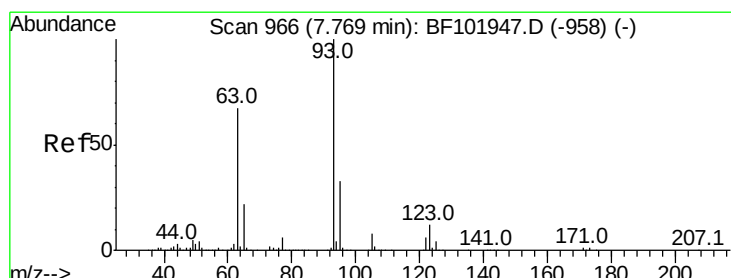
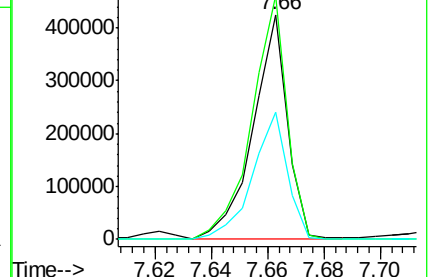
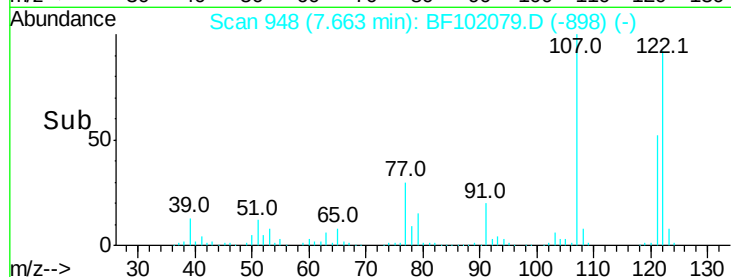
121 56.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.347 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

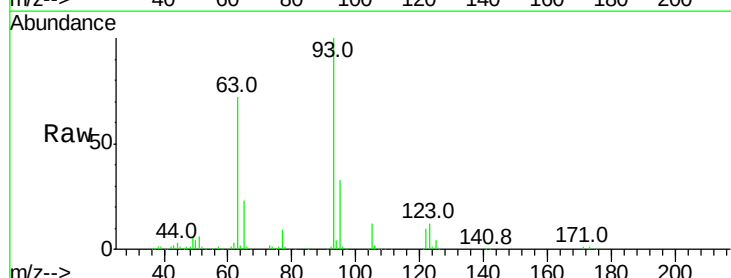
Tgt Ion: 93 Resp: 499261

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

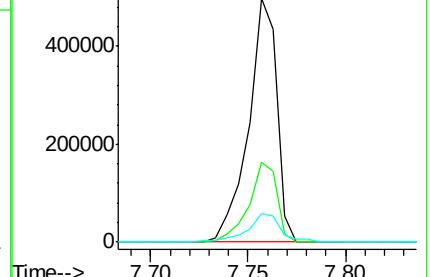
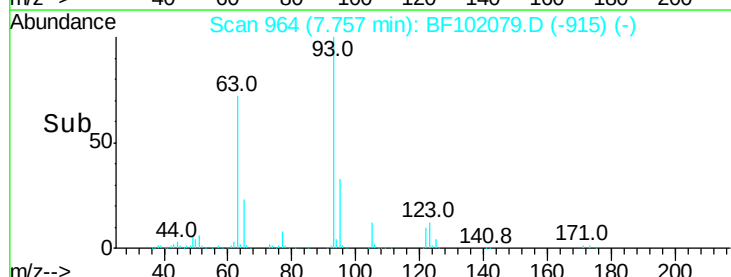
123 11.8 9.8 14.6

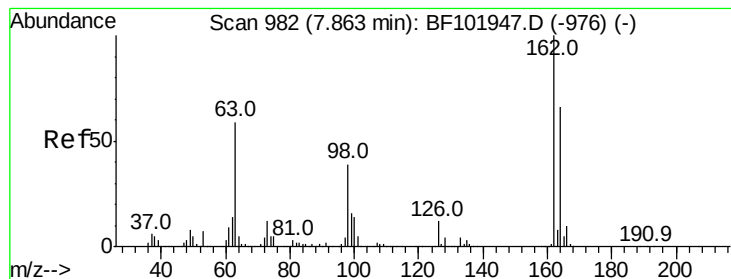


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 34.593 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampled :

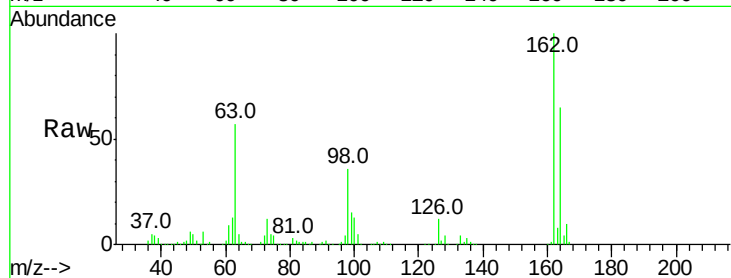
Tot Ion:162 Resp: 346222

Ion Ratio Lower Upper

162 100

164 64.9 42.7 82.7

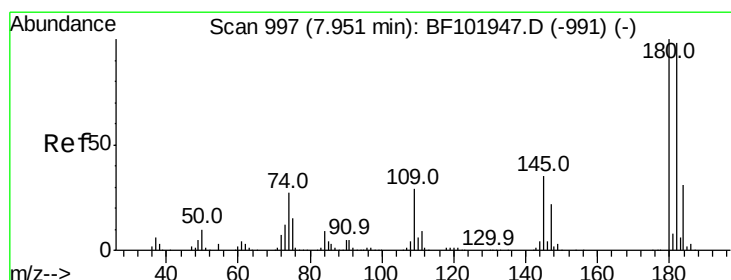
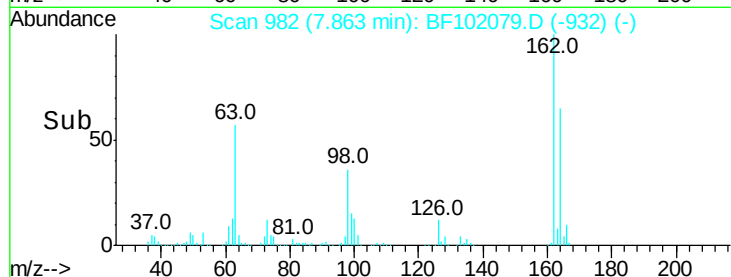
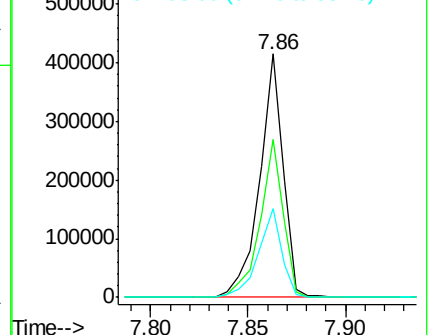
98 36.4 18.1 58.1



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: 32.889 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

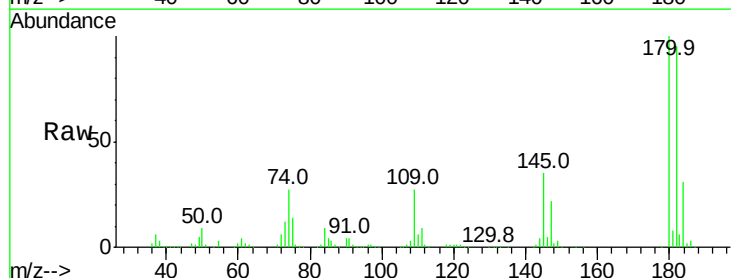
Tgt Ion:180 Resp: 344310

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

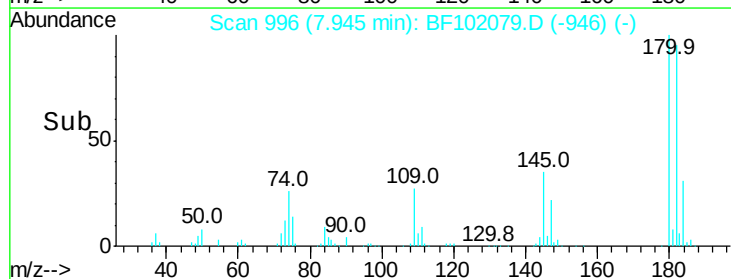
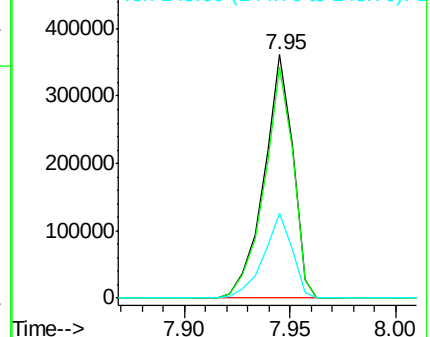
145 34.8 26.5 39.7

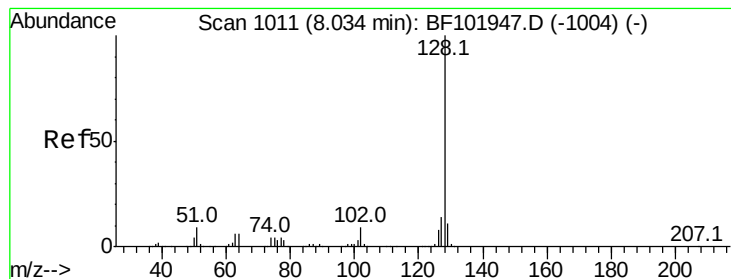


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.218 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

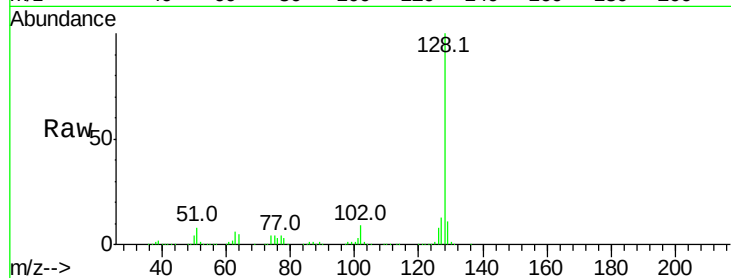
Tot Ion:128 Resp: 1187163

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

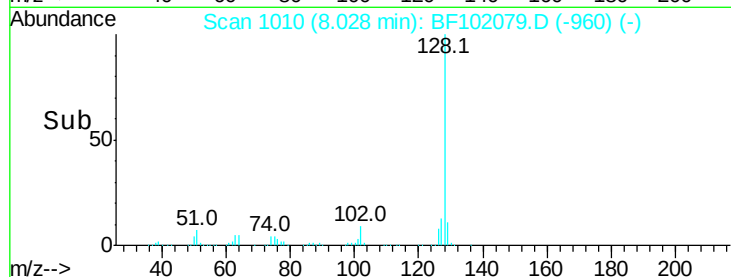
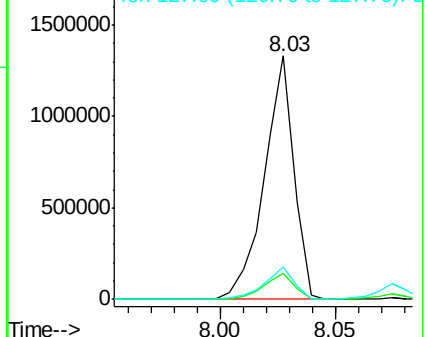
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.326 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

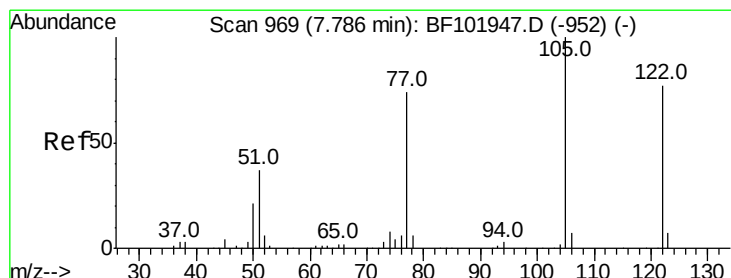
Tgt Ion:122 Resp: 210413

Ion Ratio Lower Upper

122 100

105 122.6 101.1 141.1

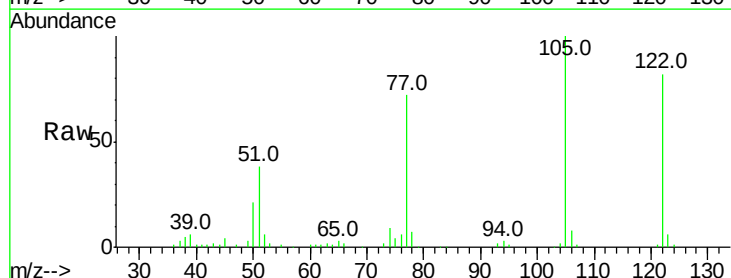
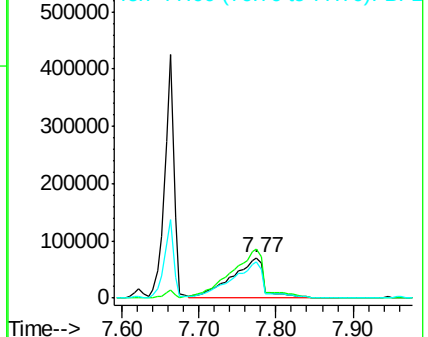
77 88.7 70.7 110.7

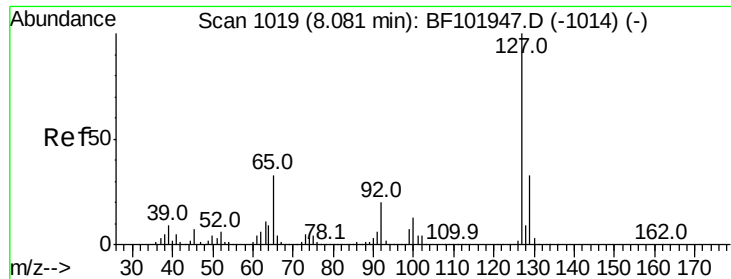


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

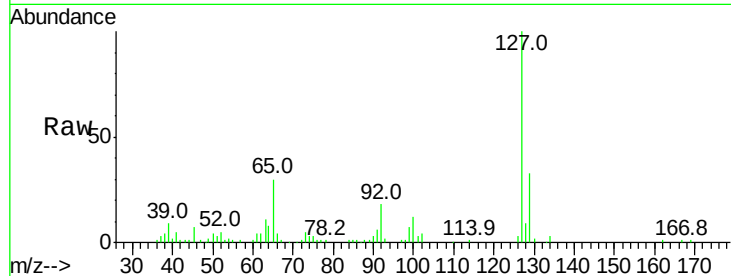




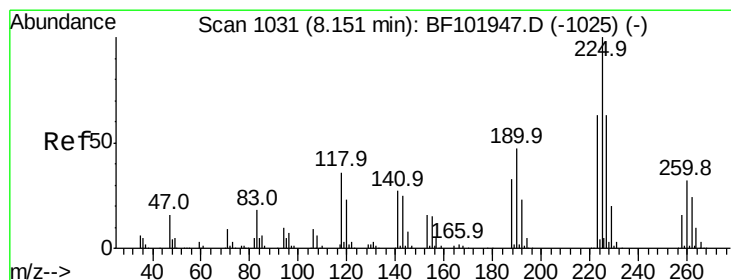
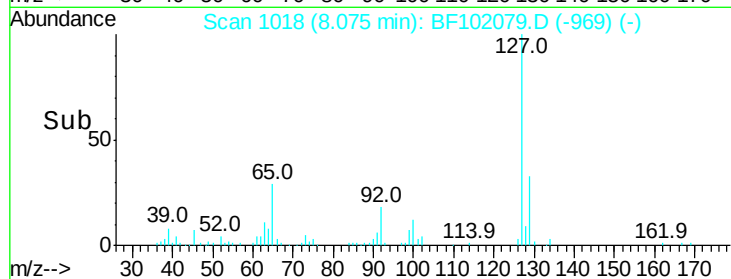
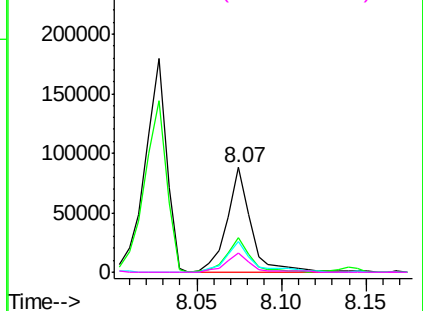
#33
4-Chloroaniline
Concen: 5.545 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	87215
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	29.6	25.0	37.4
92	18.4	15.2	22.8

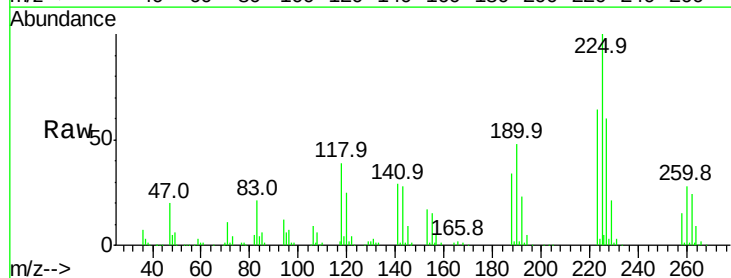


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

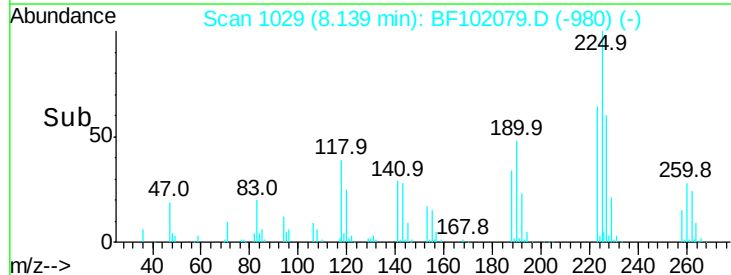
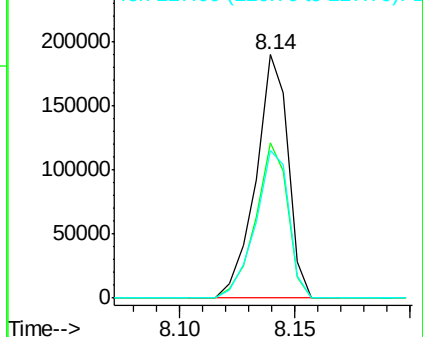


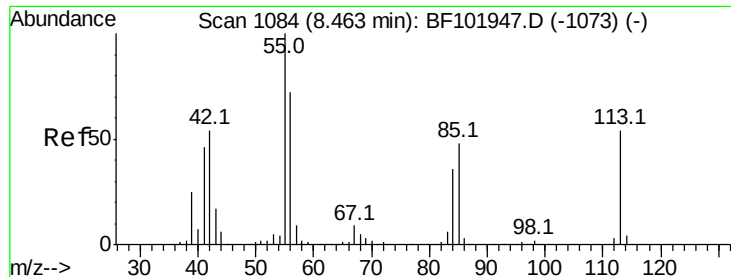
#34
Hexachlorobutadiene
Concen: 33.440 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion:	225	Resp:	185302
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	60.4	51.9	77.9



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: 23.820 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampled :

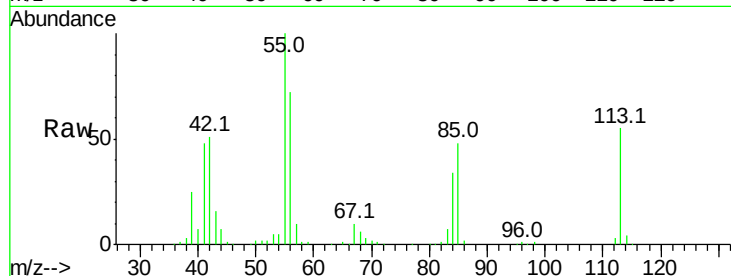
Tot Ion:113 Resp: 81843

Ion Ratio Lower Upper

113 100

55 181.7 163.3 203.3

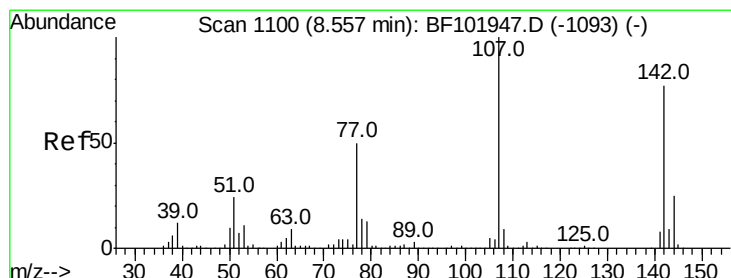
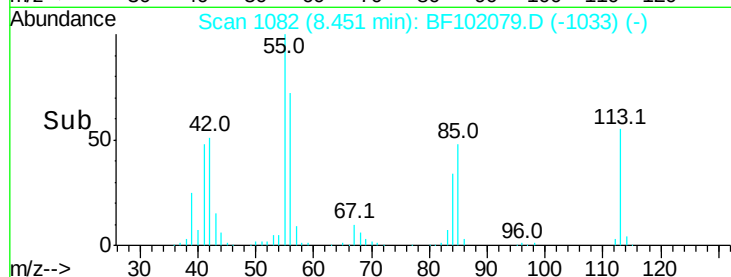
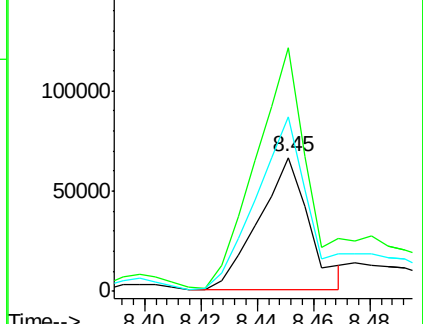
56 130.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 33.482 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

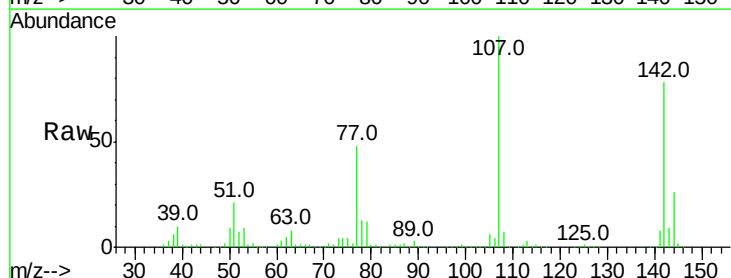
Tgt Ion:107 Resp: 366809

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

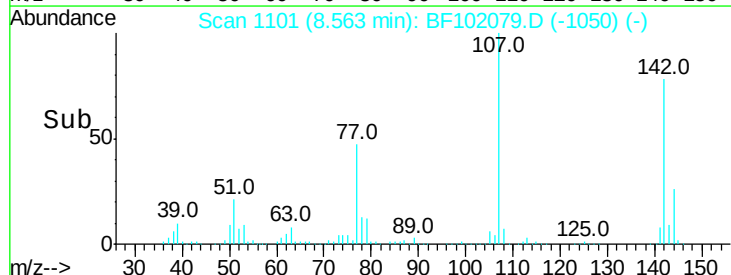
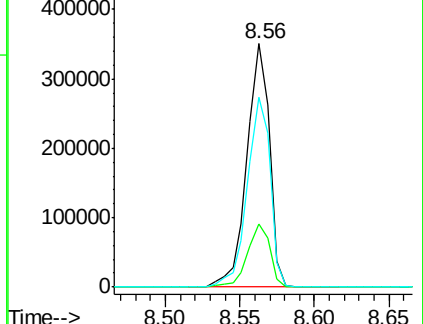
142 77.8 62.0 93.0

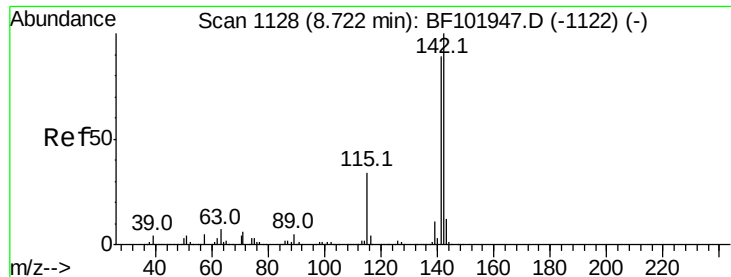


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.348 ng

RT: 8.72 min Scan# 1127

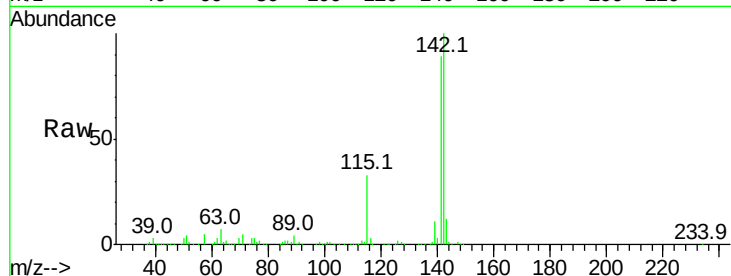
Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.2	26.1	39.1

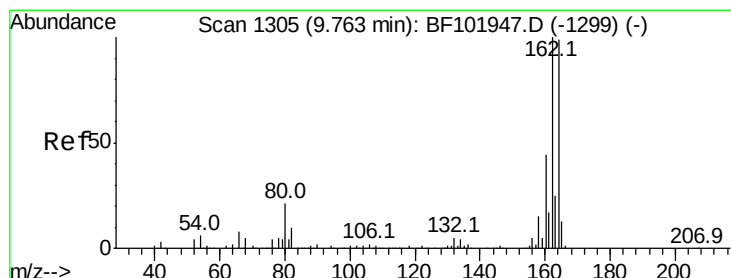
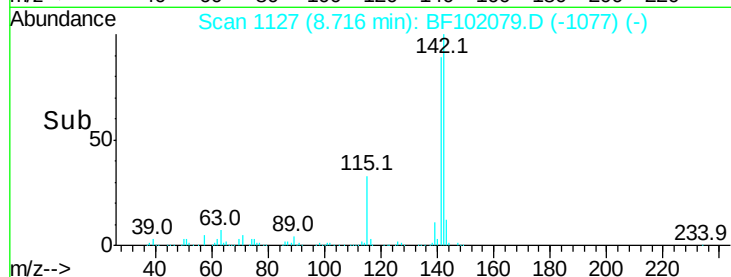
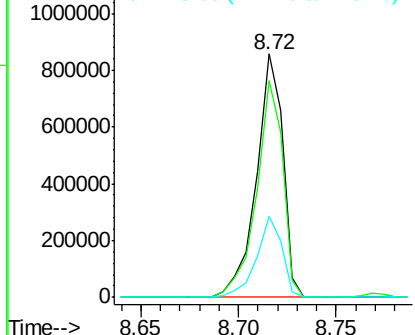


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

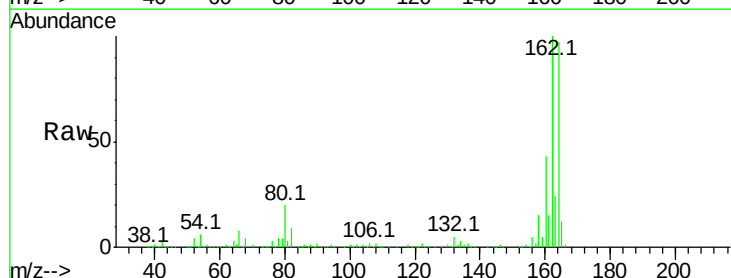
RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.5	38.3	57.5

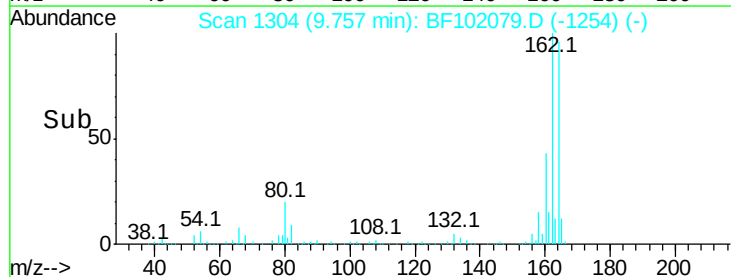
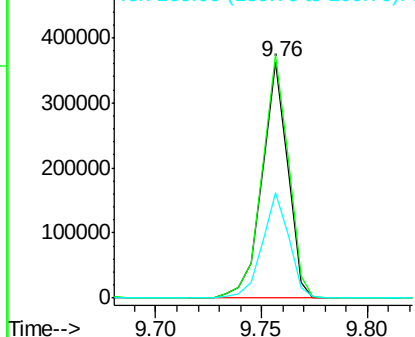


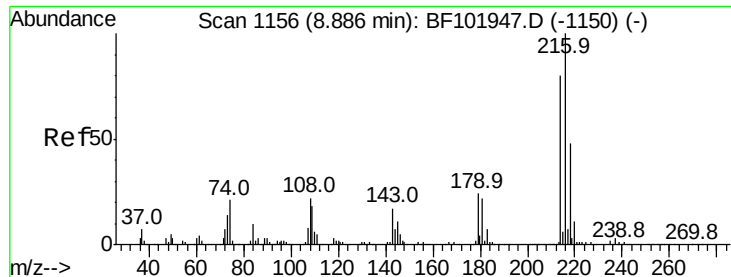
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.532 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 319318

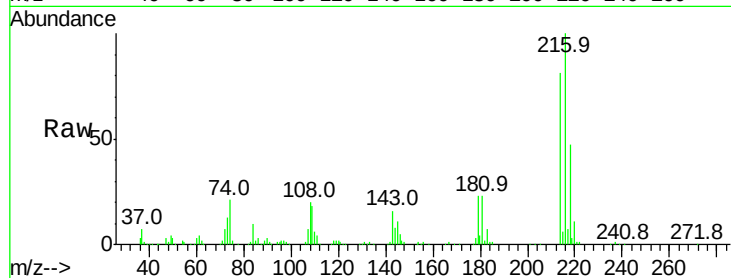
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 23.4 18.1 27.1

108 21.0 17.2 25.8

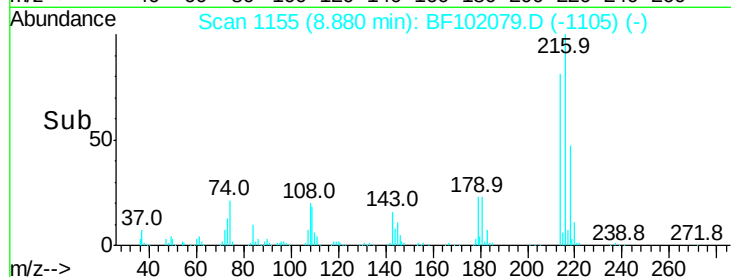


Abundance Ion 216.00 (215.70 to 216.70): E

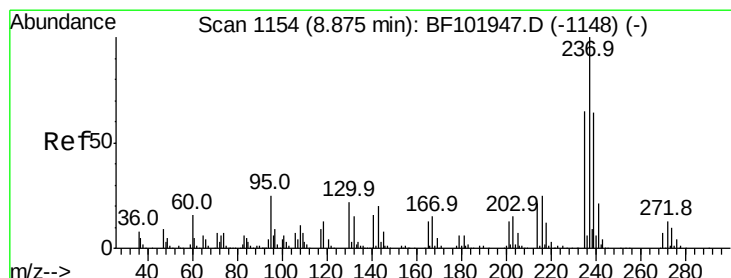
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 29.761 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

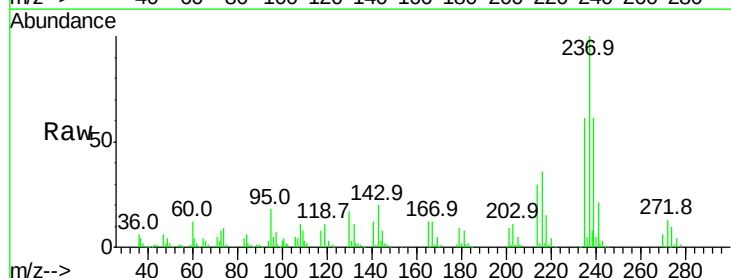
Tgt Ion:237 Resp: 142264

Ion Ratio Lower Upper

237 100

235 60.9 44.8 84.8

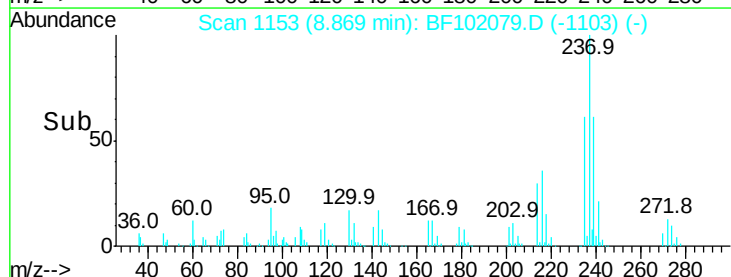
272 12.5 0.0 33.3



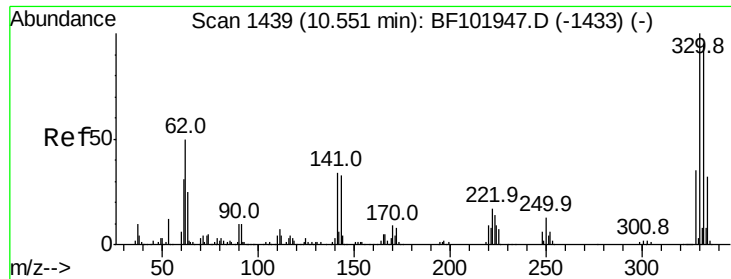
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



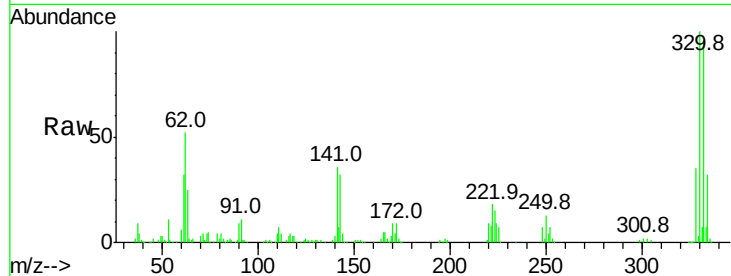
Time-->



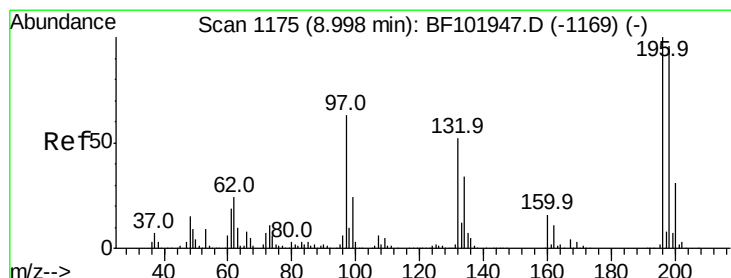
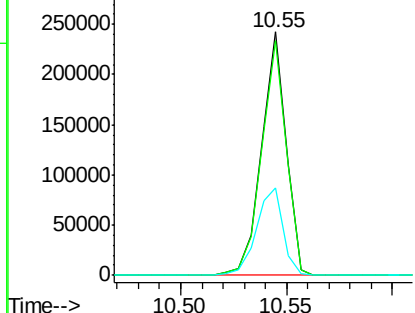
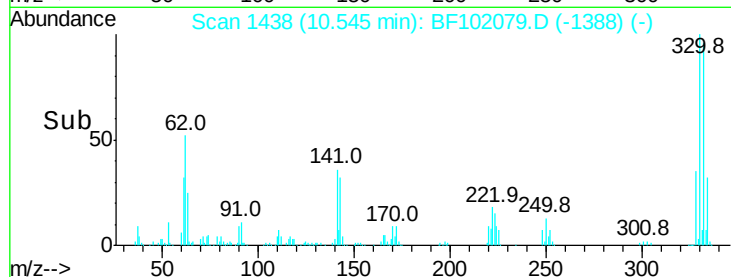
#41
 2,4,6-Tribromophenol
 Concen: 73.159 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	38.7	29.9	44.9

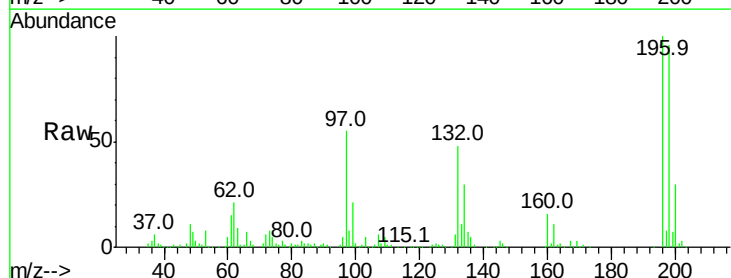


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

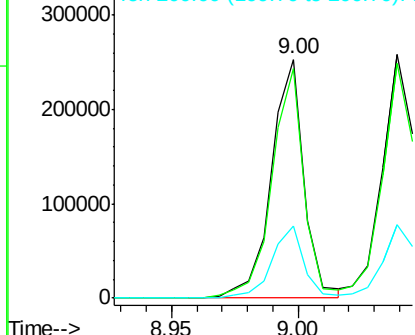
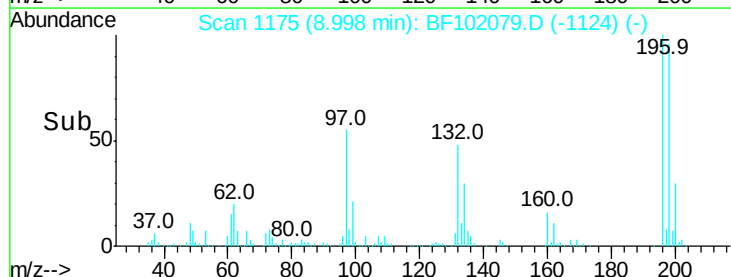


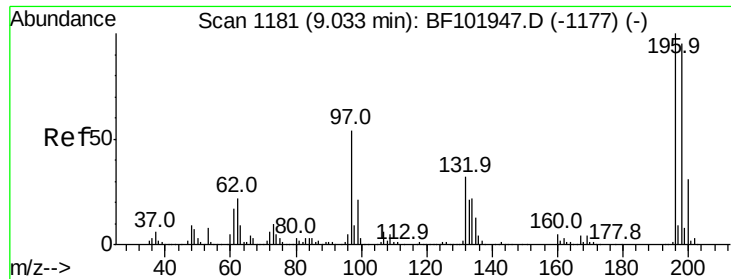
#42
 2,4,6-Trichlorophenol
 Concen: 37.866 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	30.2	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

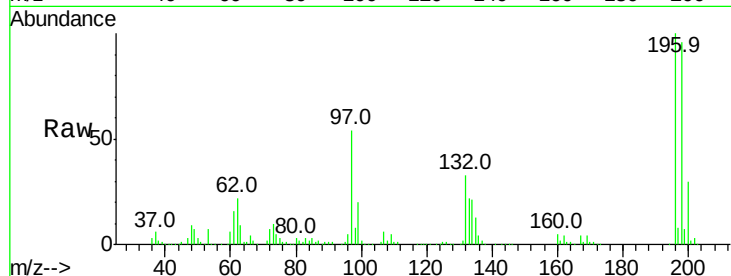




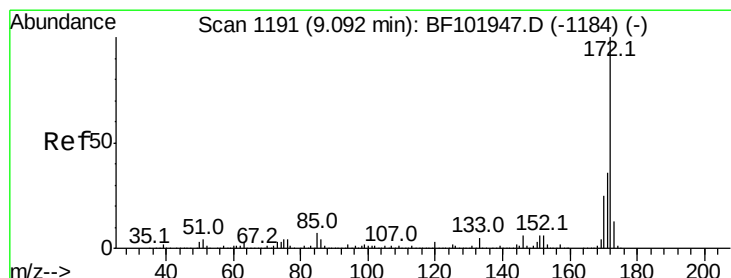
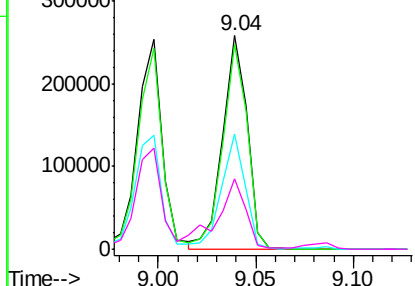
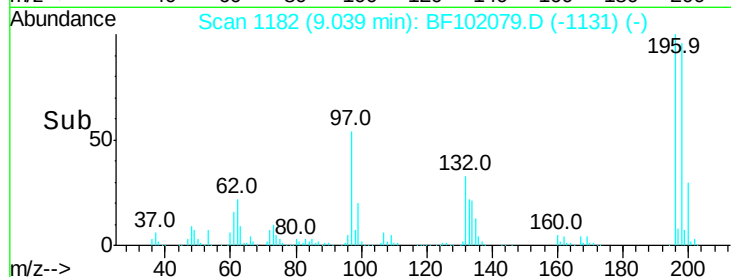
#43
 2,4,5-Trichlorophenol
 Concen: 33.243 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	226311
Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	53.8	42.9	64.3
132	32.9	26.3	39.5

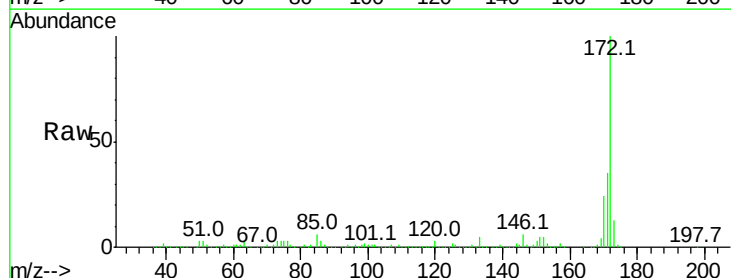


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

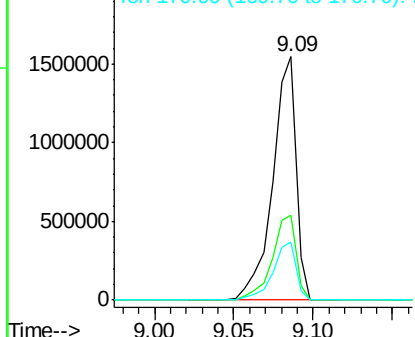
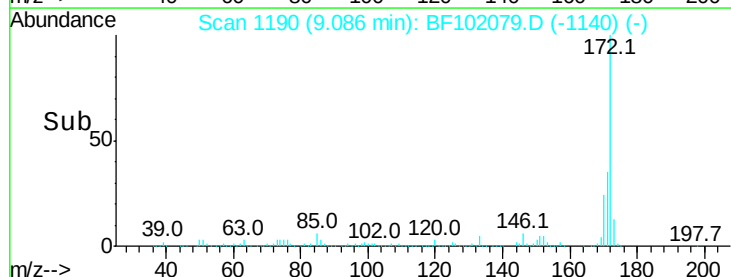


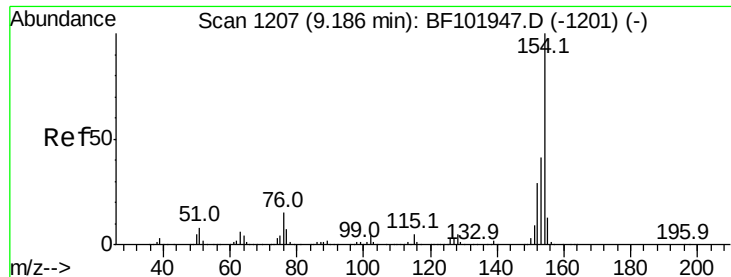
#44
 2-Fluorobiphenyl
 Concen: 80.494 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion:	172	Resp:	1591887
Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	24.0	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 33.679 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

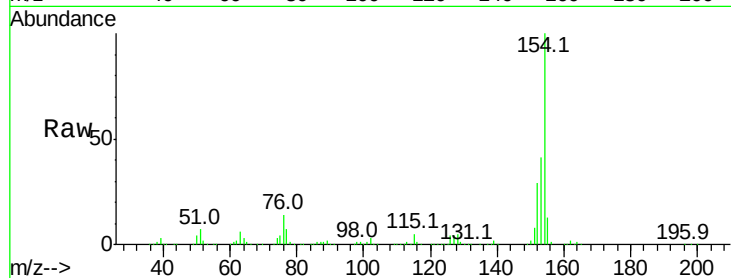
Tot Ion:154 Resp: 919725

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

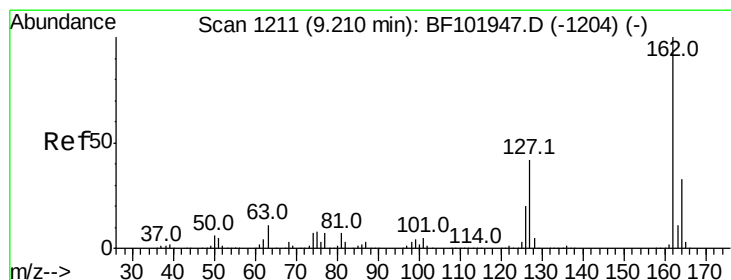
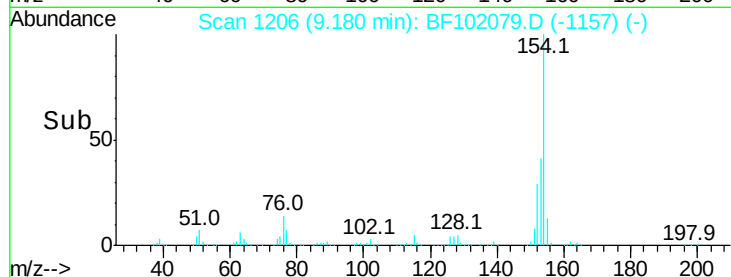
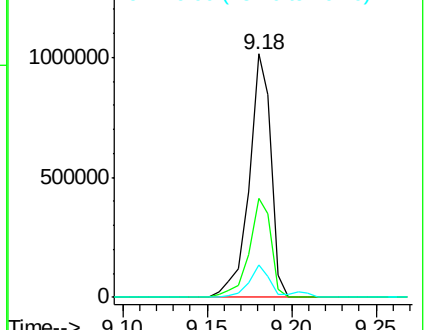
76 13.5 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 33.064 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

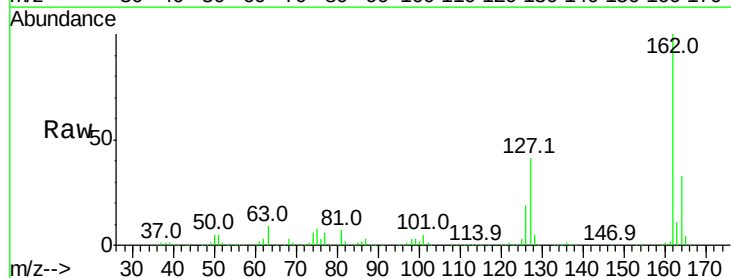
Tgt Ion:162 Resp: 700181

Ion Ratio Lower Upper

162 100

127 41.5 33.9 50.9

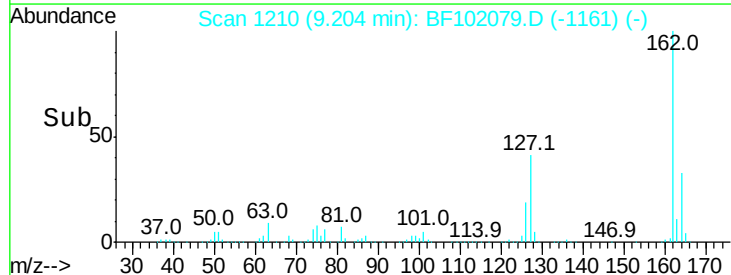
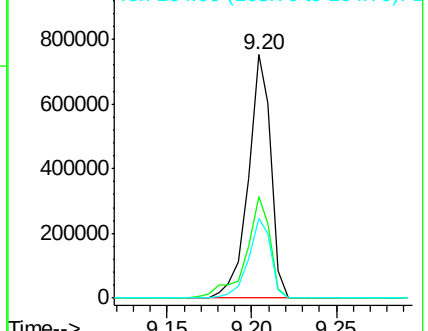
164 32.8 26.5 39.7

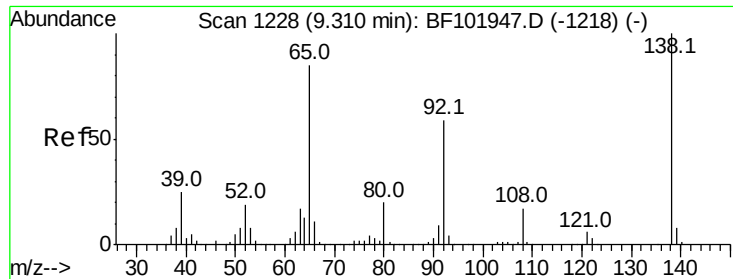


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

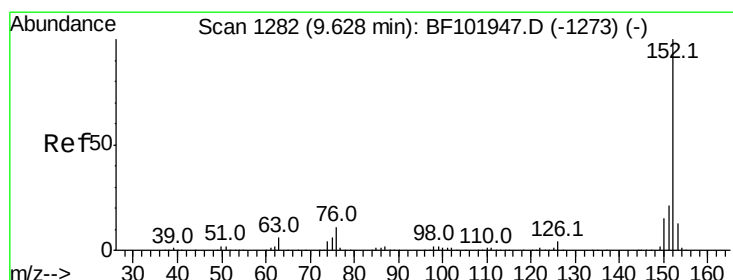
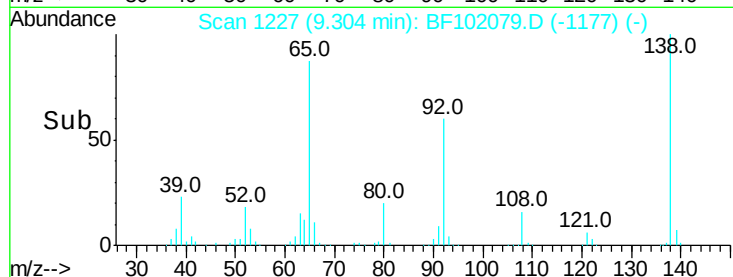
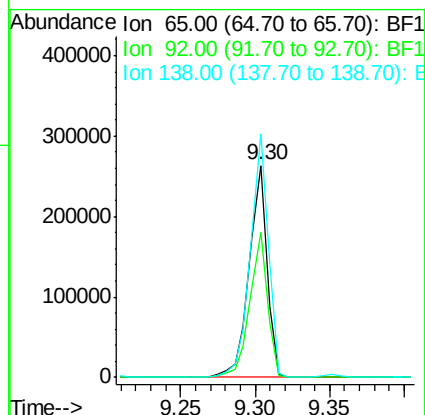
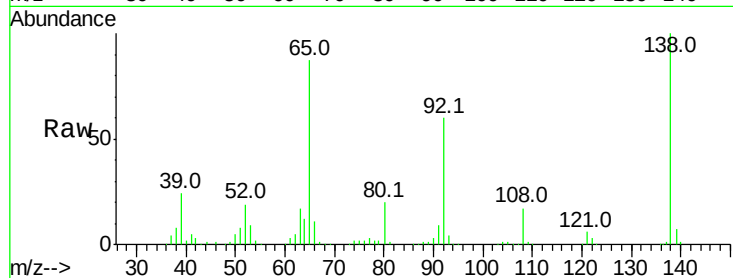




#47
 2-Nitroaniline
 Concen: 34.596 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

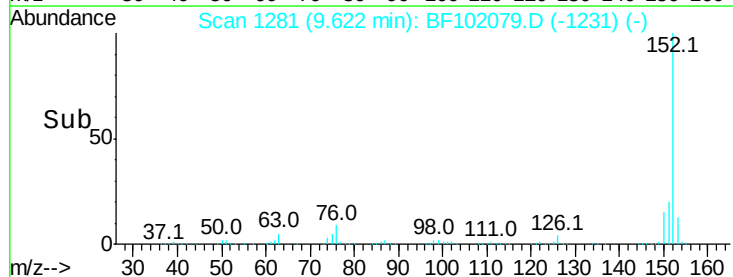
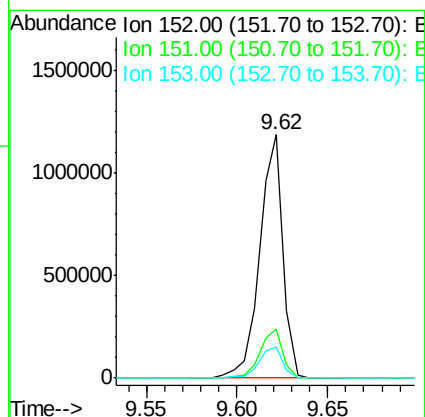
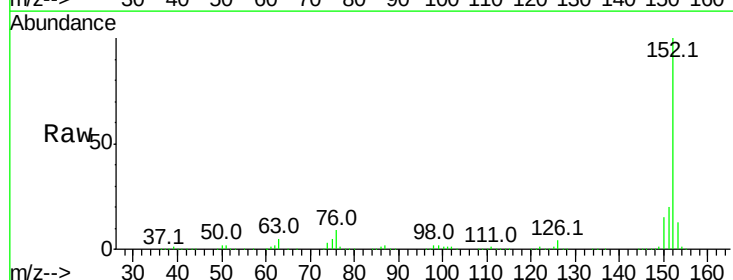
Instrument :
 BNA_F
 ClientSampleId :

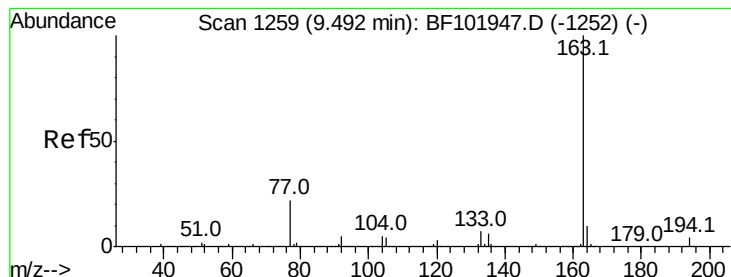
Tot Ion: 65 Resp: 219461
 Ion Ratio Lower Upper
 65 100
 92 68.5 55.8 83.6
 138 114.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 31.133 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion: 152 Resp: 1046308
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.3 24.5
 153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 33.050 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

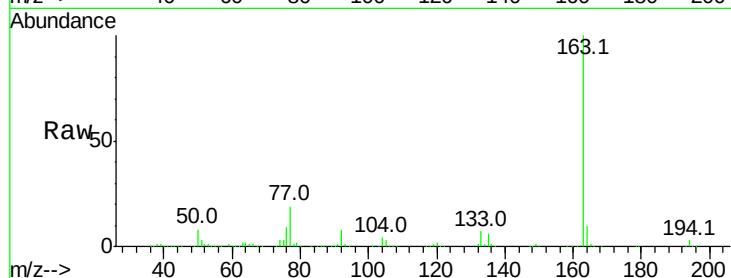
Tot Ion:163 Resp: 819143

Ion Ratio Lower Upper

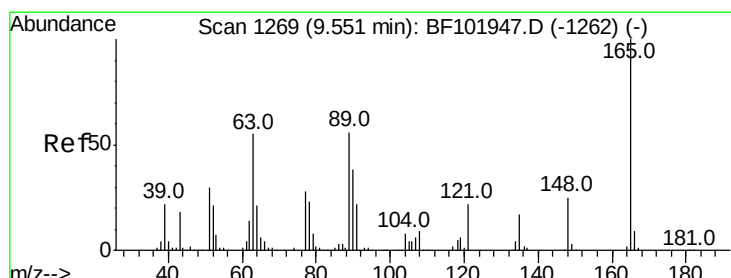
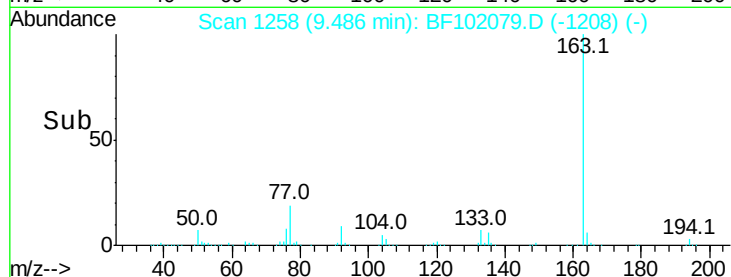
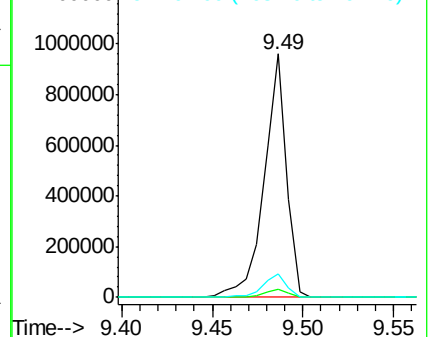
163 100

194 3.2 2.7 4.1

164 9.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 36.271 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

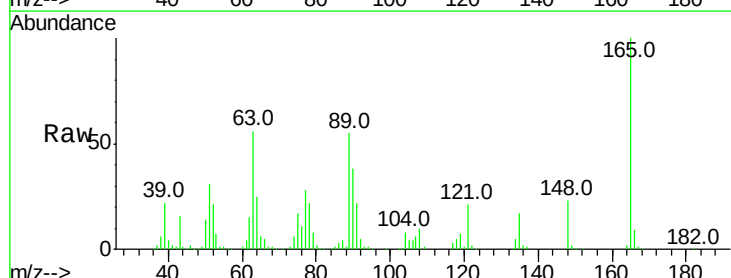
Tgt Ion:165 Resp: 179572

Ion Ratio Lower Upper

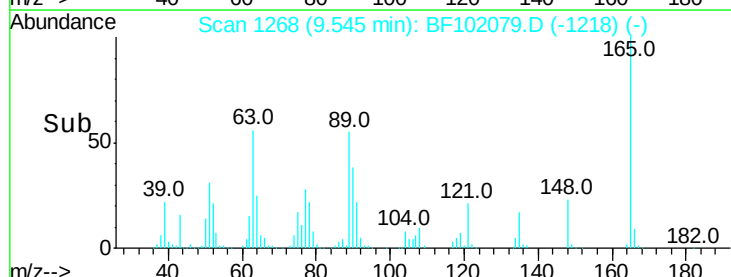
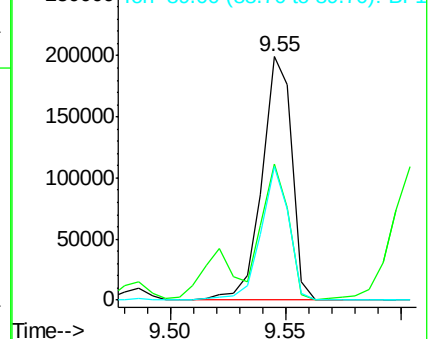
165 100

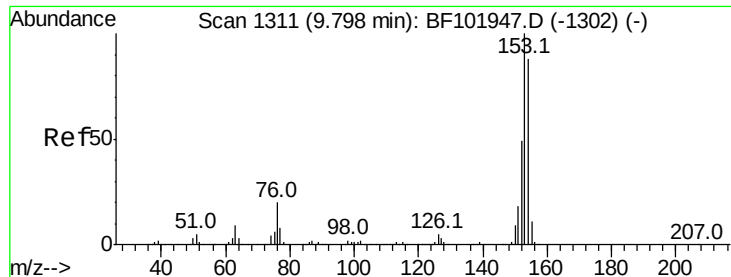
63 56.1 44.7 67.1

89 54.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 30.199 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

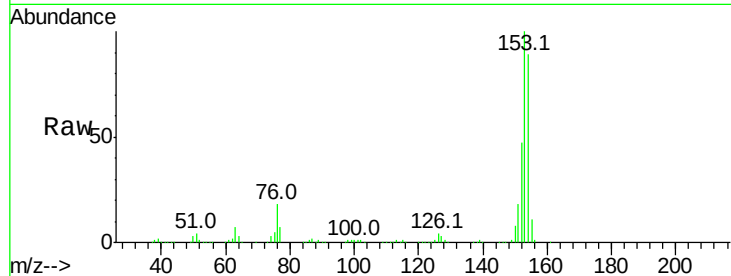
Tot Ion:154 Resp: 616009

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

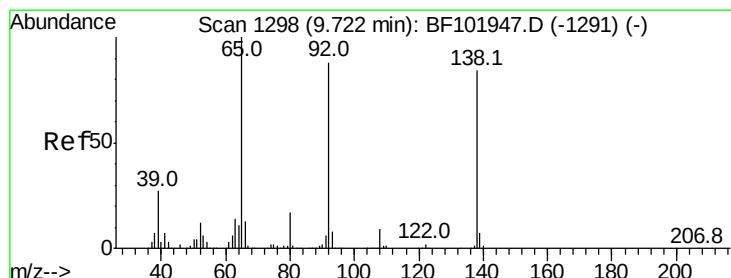
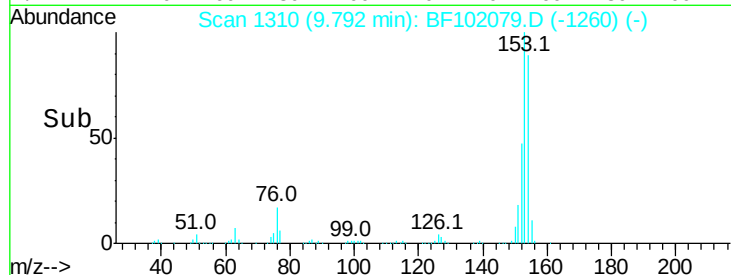
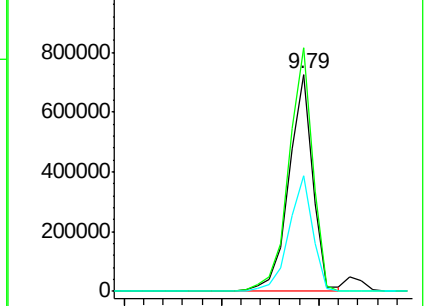
152 53.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.273 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

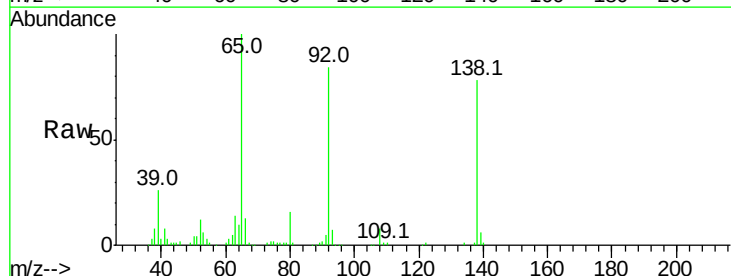
Tgt Ion:138 Resp: 101676

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

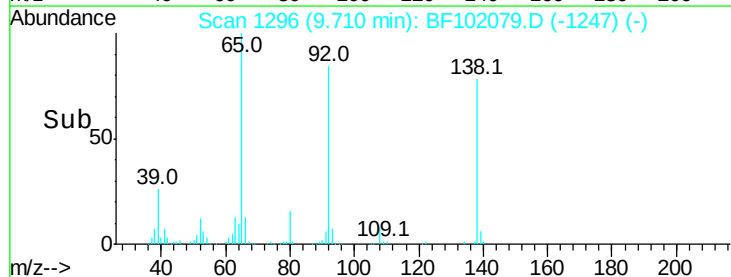
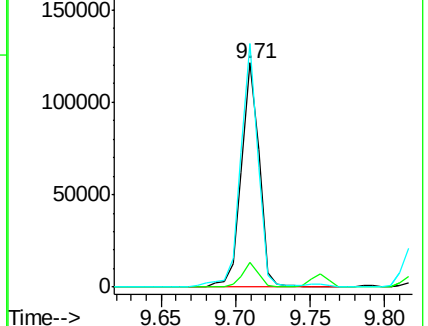
92 108.7 89.4 134.2

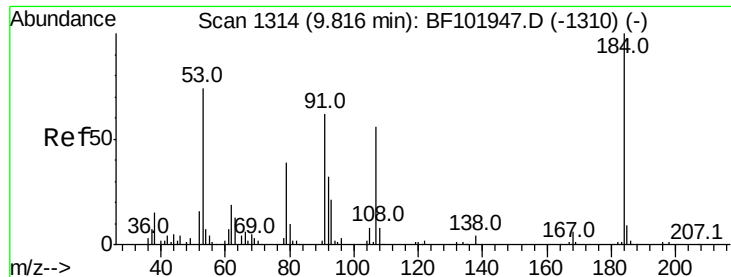


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

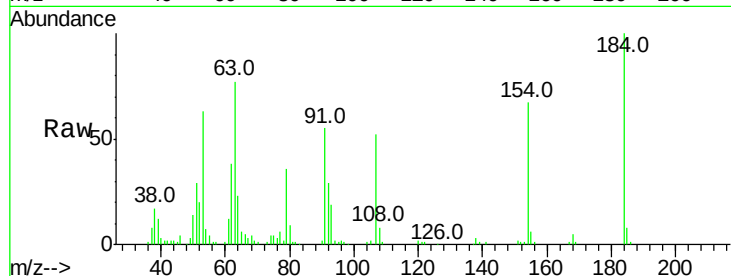




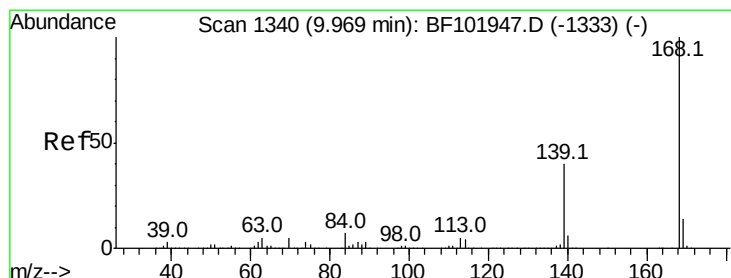
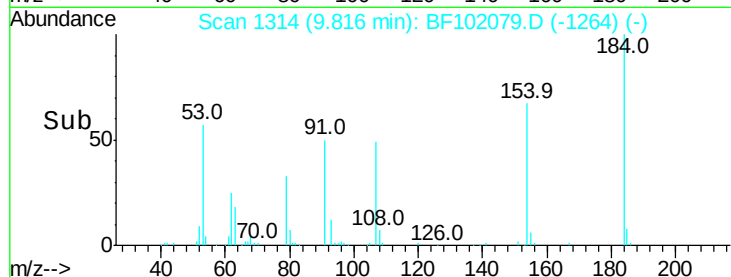
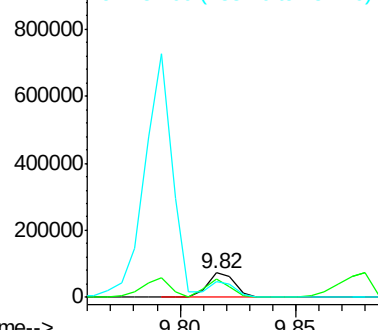
#53
 2,4-Dinitrophenol
 Concen: 37.748 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 61719
 Ion Ratio Lower Upper
 184 100
 63 76.8 54.2 81.2
 154 67.3 184.0 276.0#

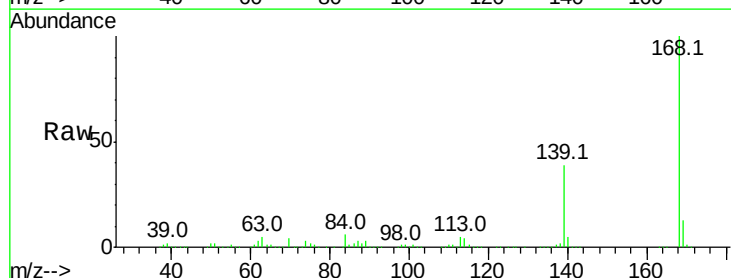


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

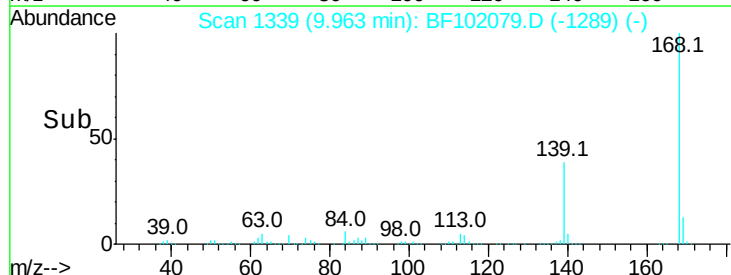
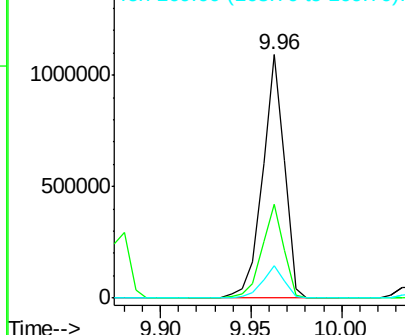


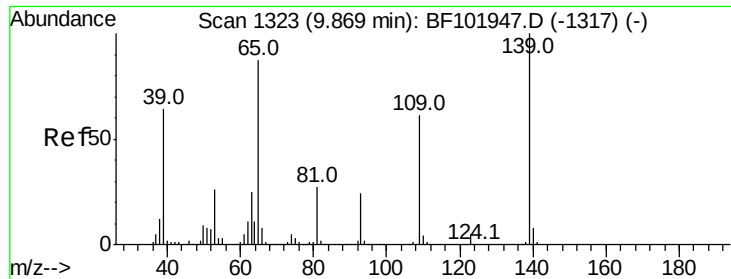
#54
 Dibenzofuran
 Concen: 32.628 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion:168 Resp: 913427
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.1 45.1
 169 13.4 10.9 16.3



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

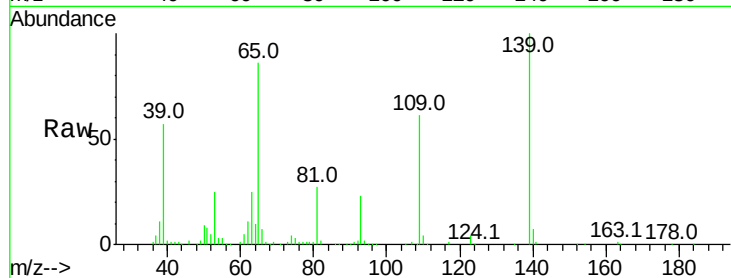




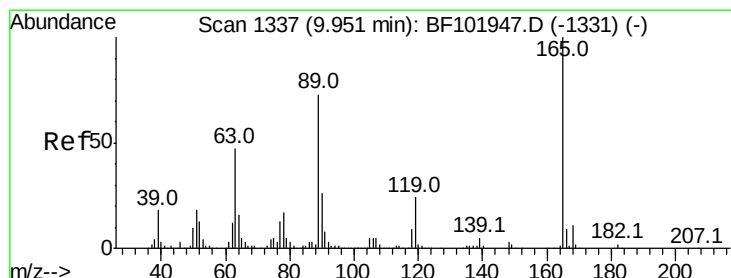
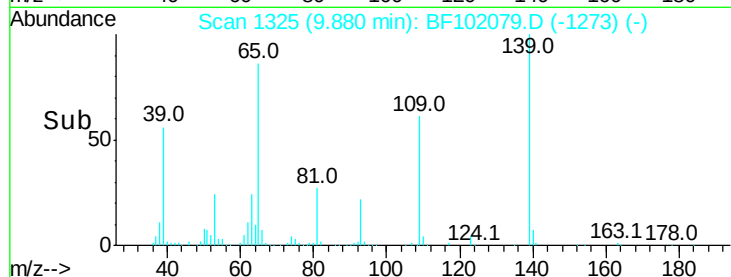
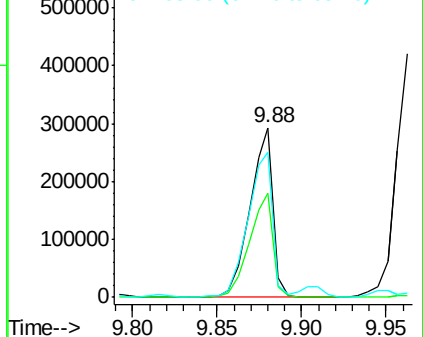
#55
4-Nitrophenol
Concen: 59.906 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 278948
Ion Ratio Lower Upper
139 100
109 61.3 48.4 88.4
65 85.7 72.6 112.6

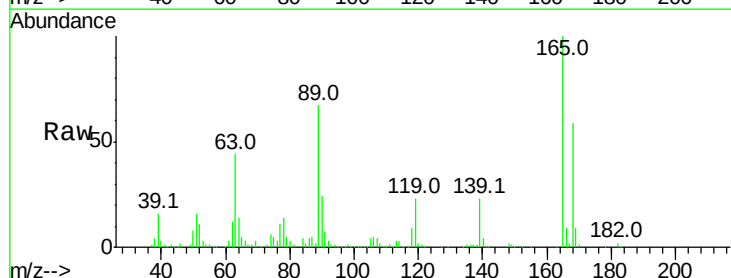


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

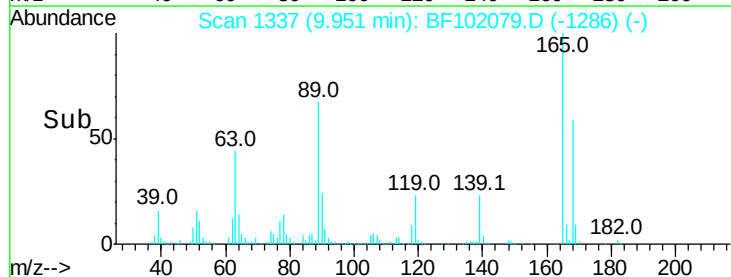
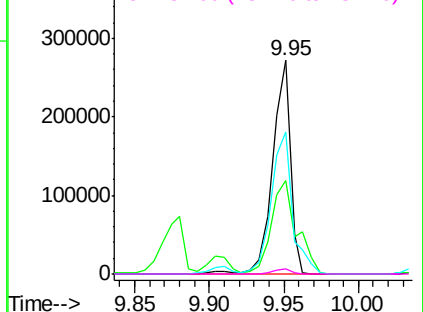


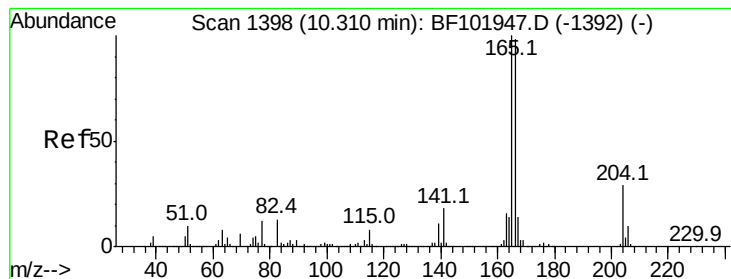
#56
2,4-Dinitrotoluene
Concen: 36.118 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion:165 Resp: 224121
Ion Ratio Lower Upper
165 100
63 43.7 36.4 54.6
89 66.5 57.8 86.6
182 2.2 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.625 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

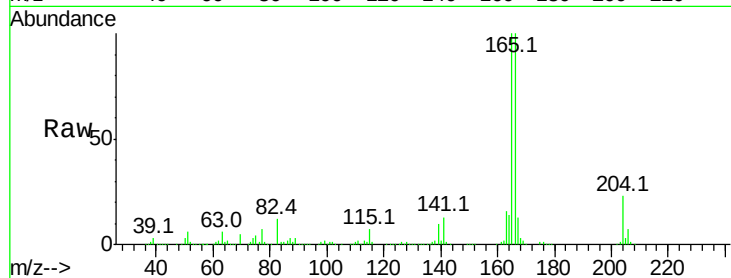
Tot Ion:166 Resp: 670103

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

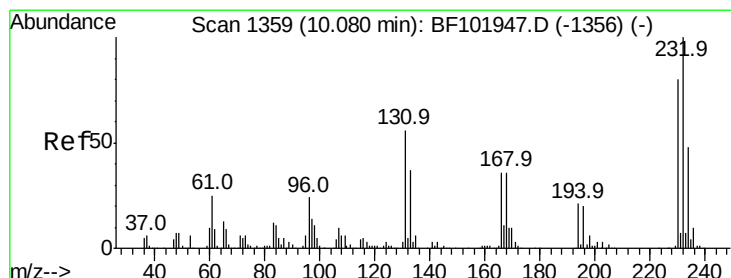
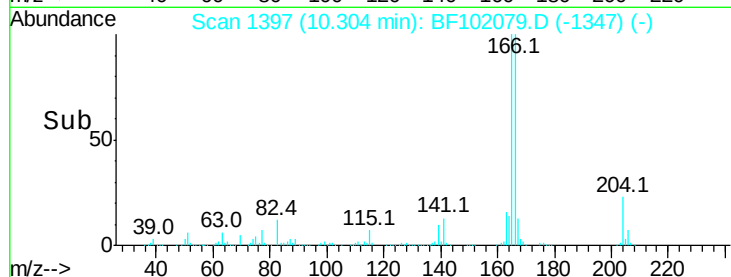
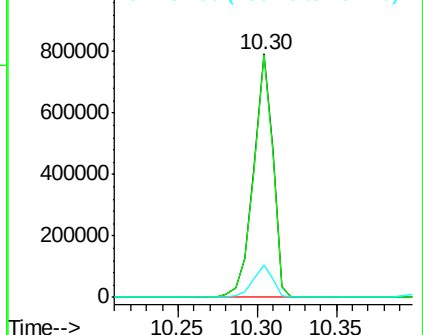
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.520 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion:232 Resp: 167306

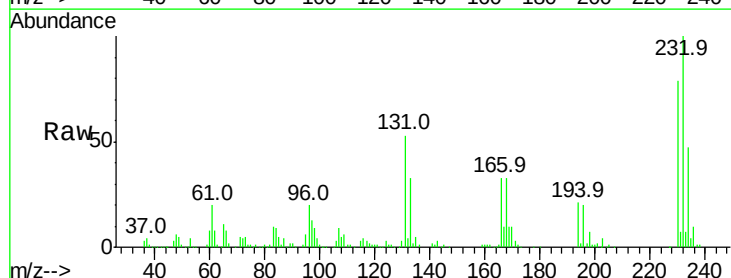
Ion Ratio Lower Upper

232 100

131 53.3 43.8 65.8

130 2.5 2.1 3.1

166 34.1 27.8 41.6

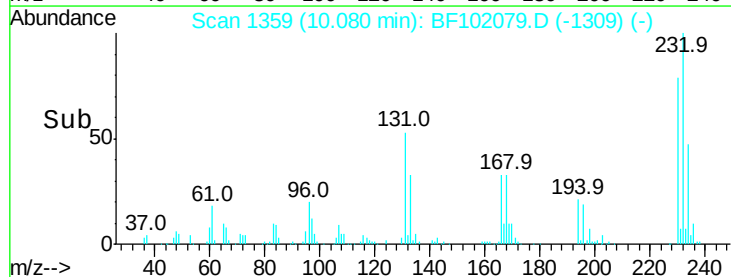
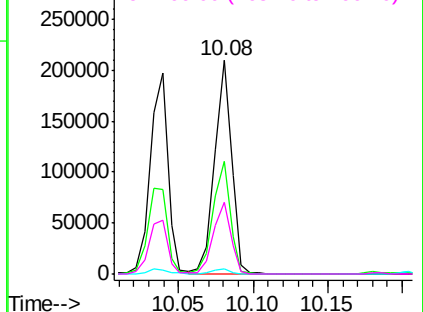


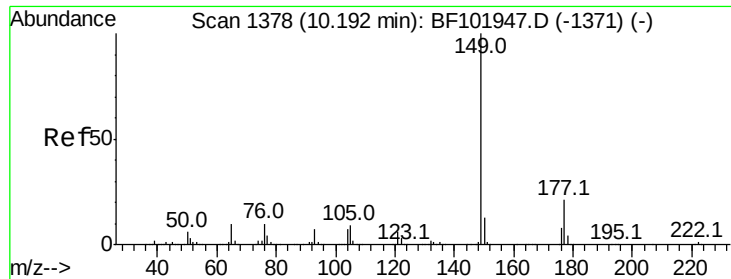
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

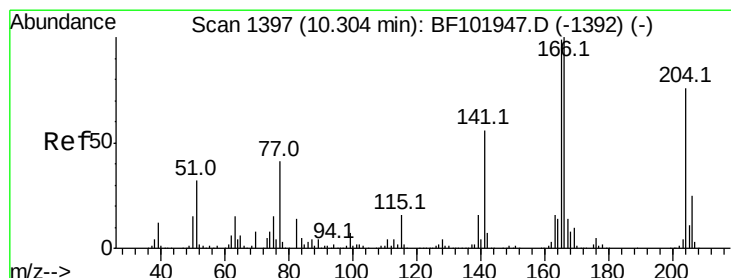
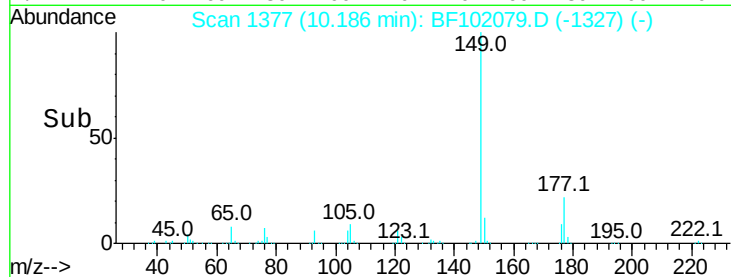
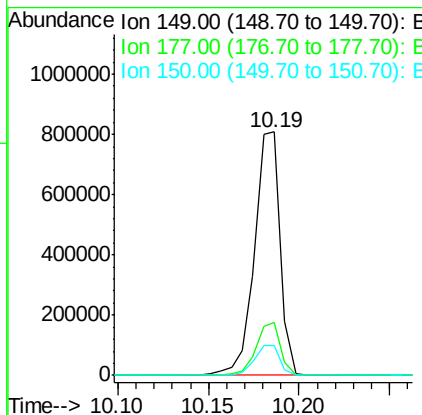
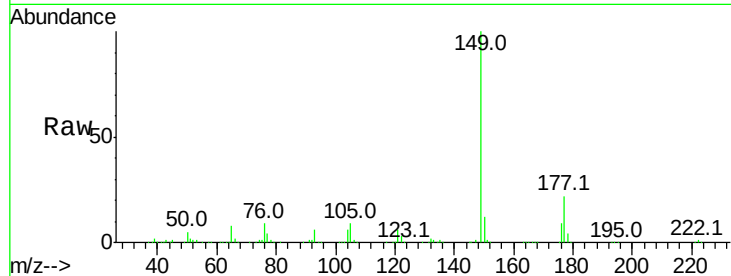




#59
Diethylphthalate
Concen: 32.210 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

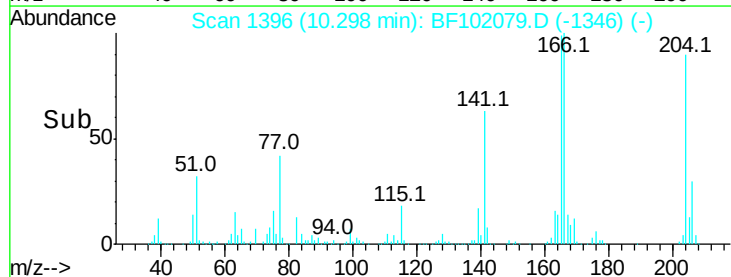
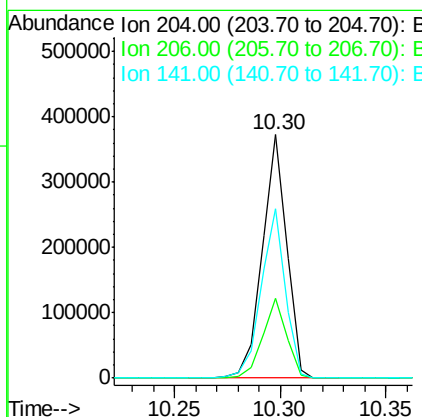
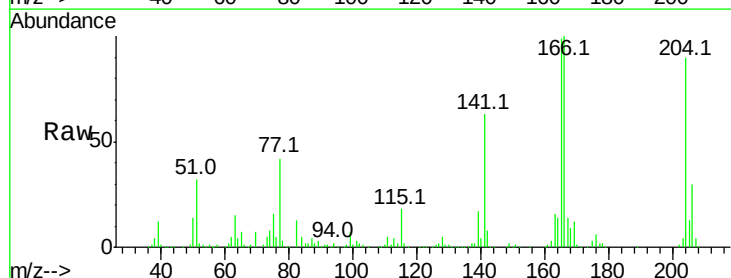
Instrument :
BNA_F
ClientSampled :

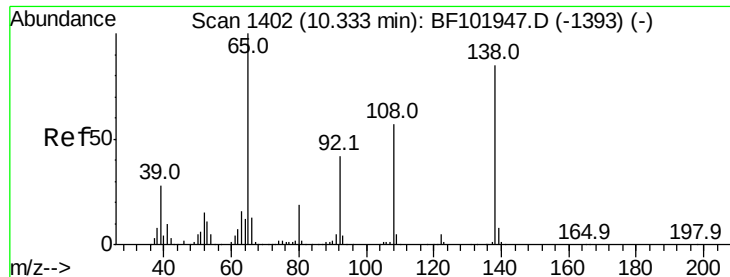
Tot Ion:149 Resp: 794132
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.468 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion:204 Resp: 300523
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 69.7 54.6 81.8





#61

4-Nitroaniline

Concen: 26.867 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampled :

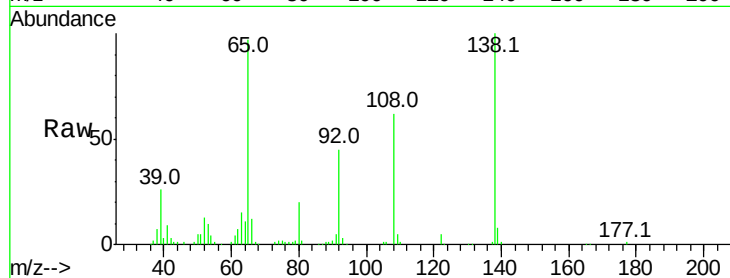
Tot Ion:138 Resp: 159314

Ion Ratio Lower Upper

138 100

92 44.8 30.2 70.2

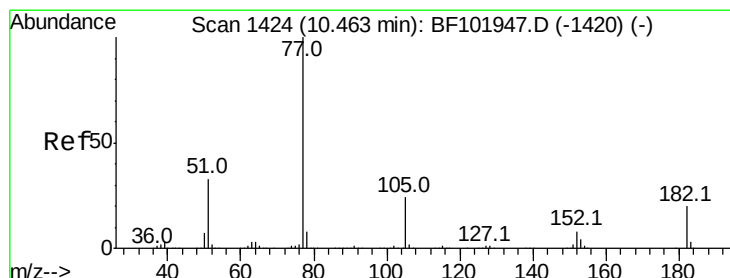
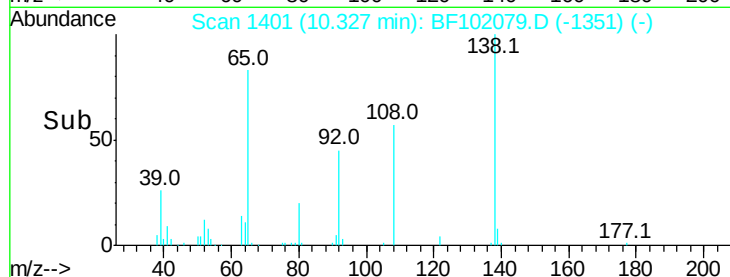
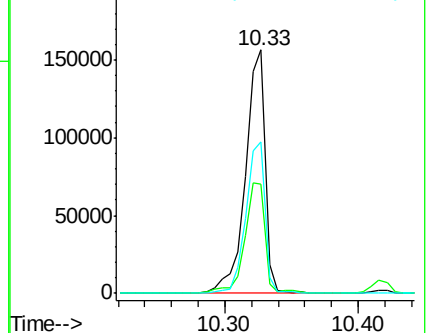
108 62.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 29.115 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion: 77 Resp: 714169

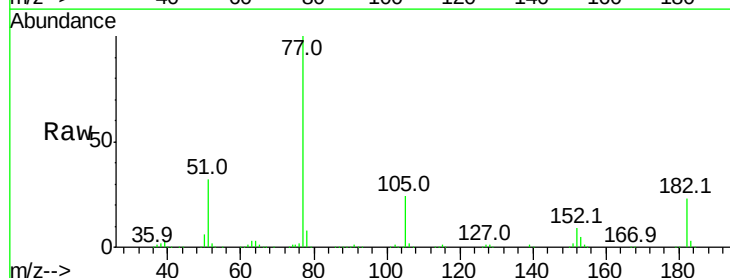
Ion Ratio Lower Upper

77 100

182 22.6 1.7 41.7

105 24.0 3.0 43.0

51 31.9 9.9 49.9

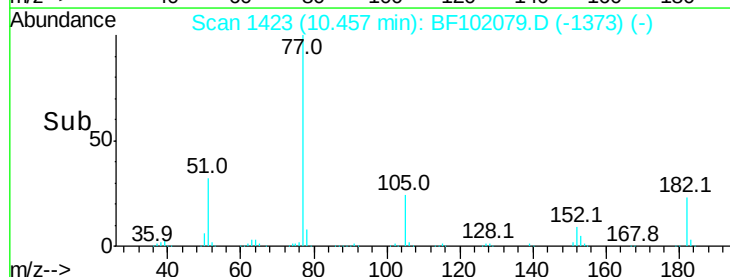
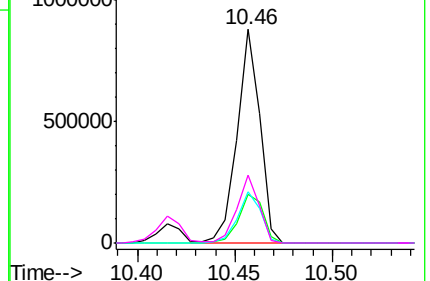


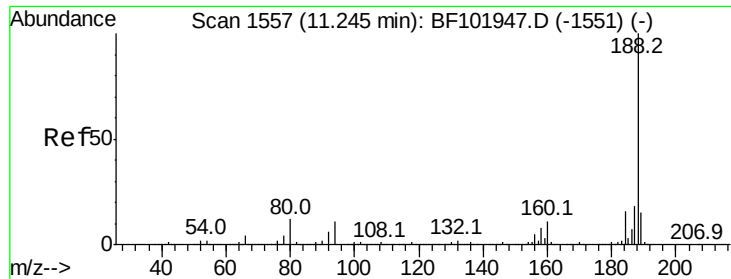
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

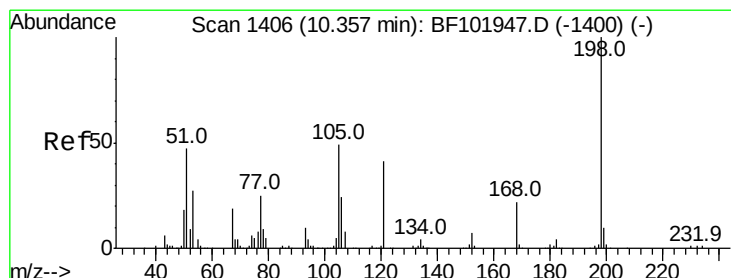
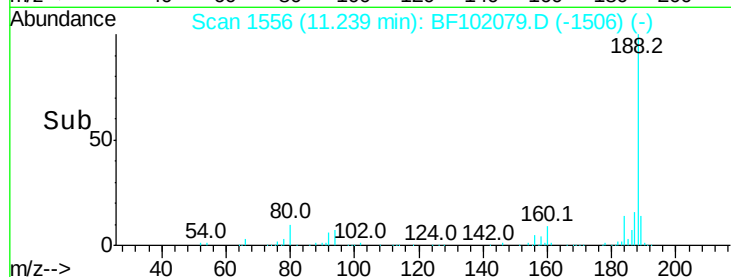
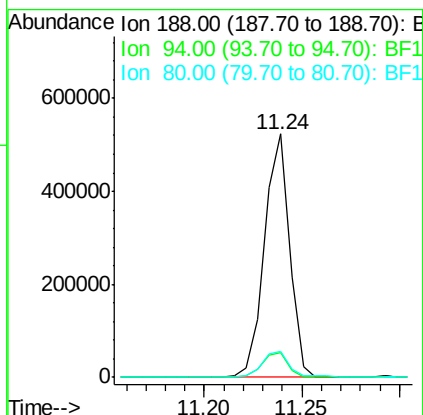
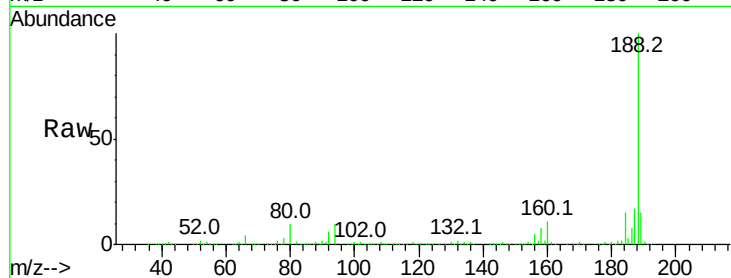




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

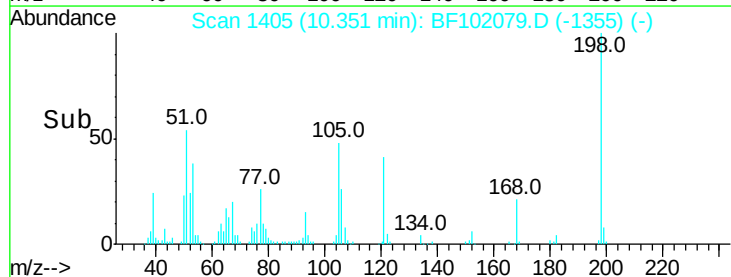
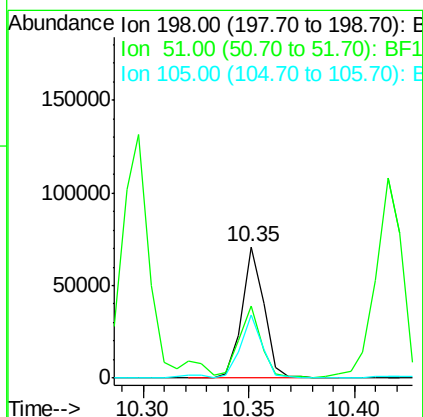
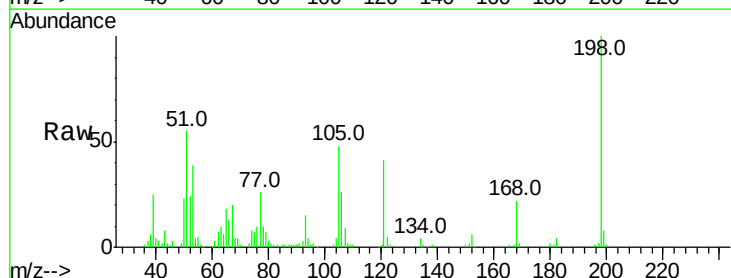
Instrument :
 BNA_F
 ClientSampleId :

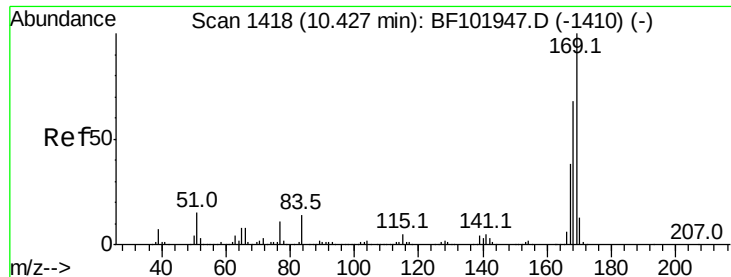
Tot Ion:188 Resp: 467763
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.413 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion:198 Resp: 51126
 Ion Ratio Lower Upper
 198 100
 51 54.6 37.7 77.7
 105 48.3 36.3 76.3

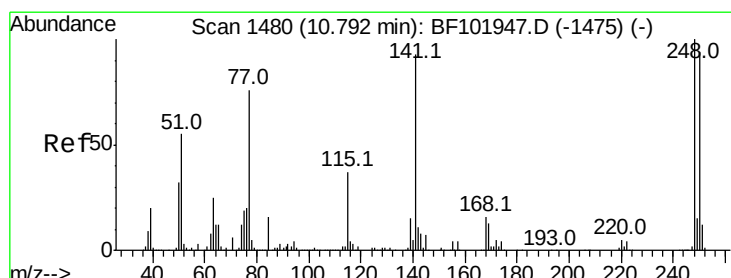
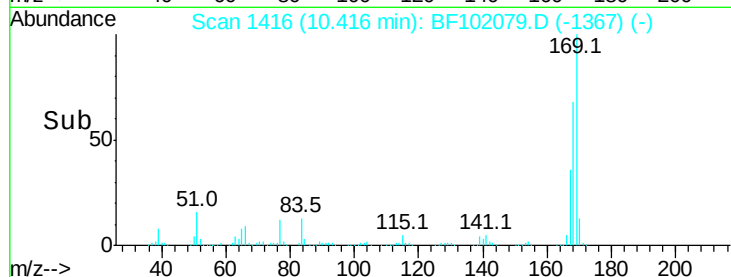
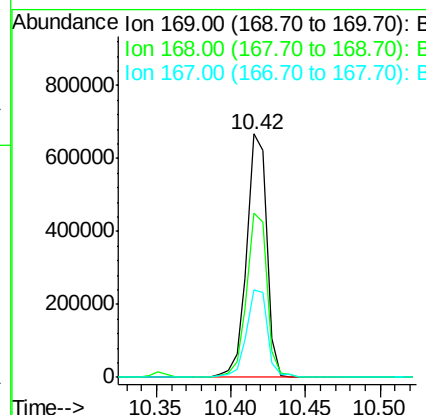
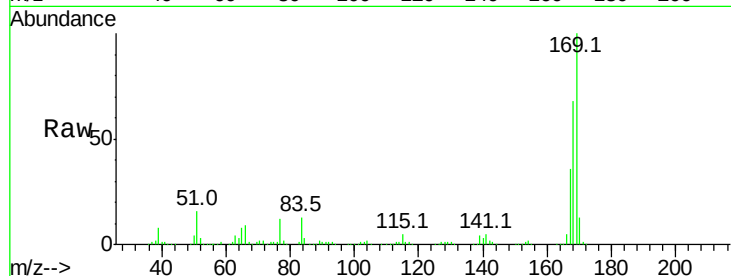




#65
 n-Nitrosodiphenylamine
 Concen: 35.627 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

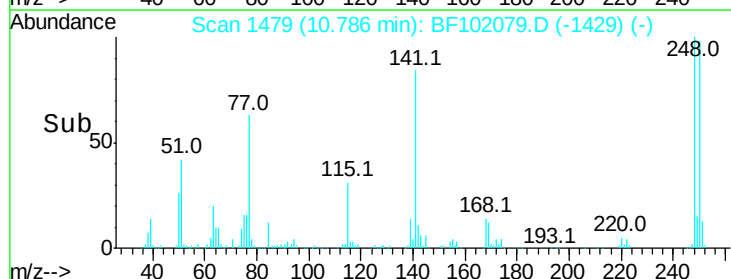
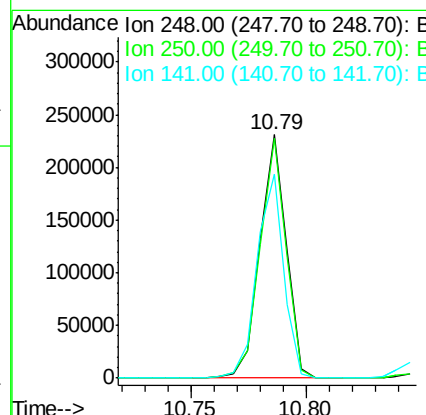
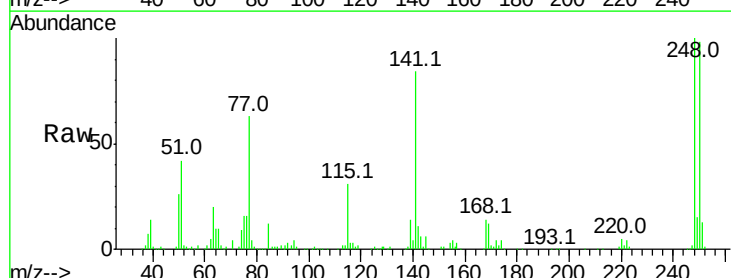
Instrument :
 BNA_F
 ClientSampled :

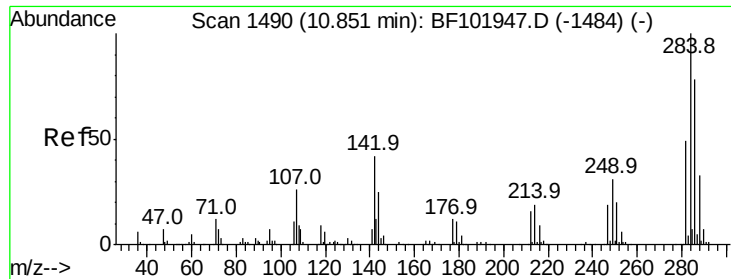
Tot Ion:169 Resp: 624035
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 36.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.534 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion:248 Resp: 185408
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.9 115.3
 141 83.9 74.4 111.6

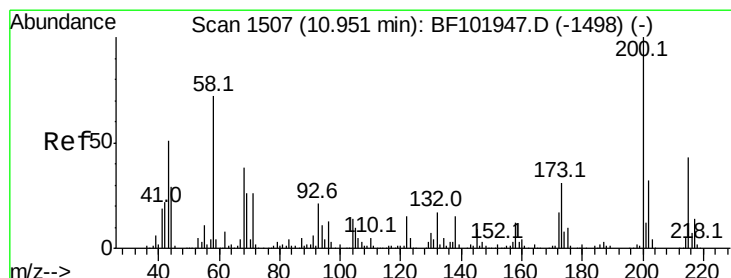
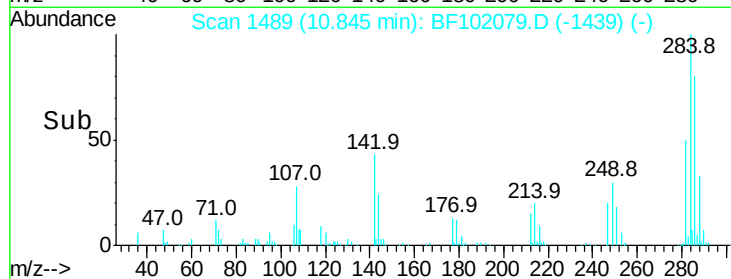
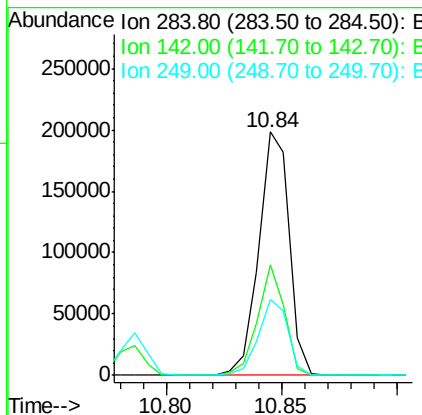
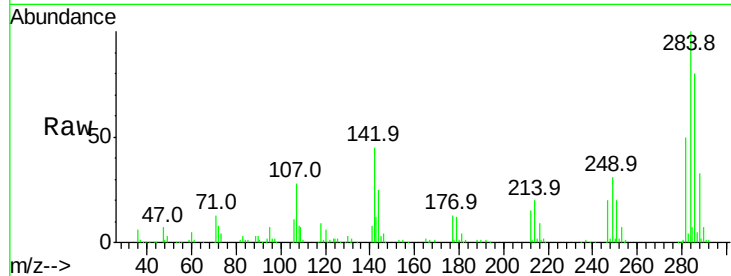




#67
Hexachlorobenzene
Concen: 33.789 ng
RT: 10.84 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

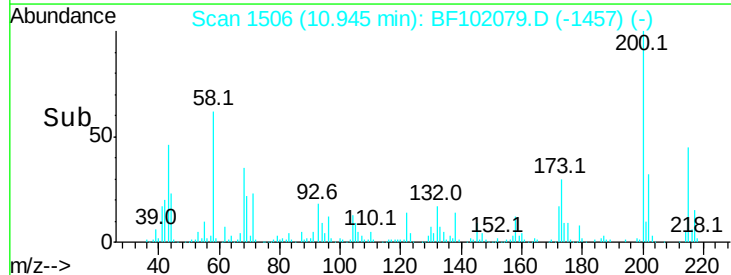
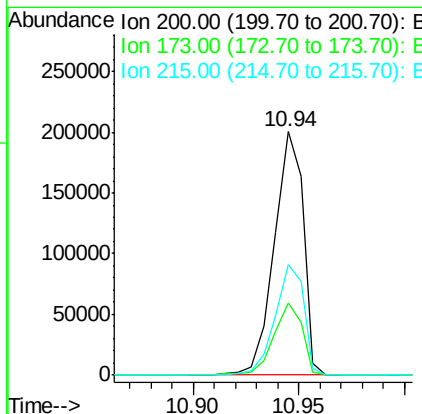
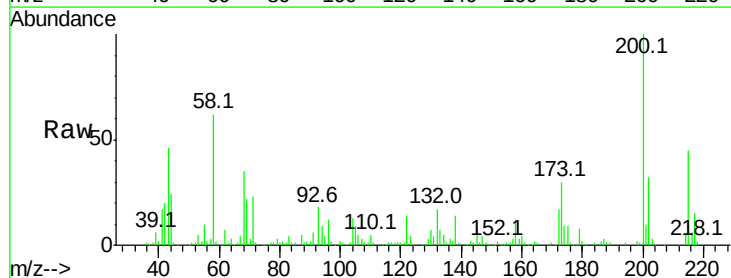
Instrument :
BNA_F
ClientSampled :

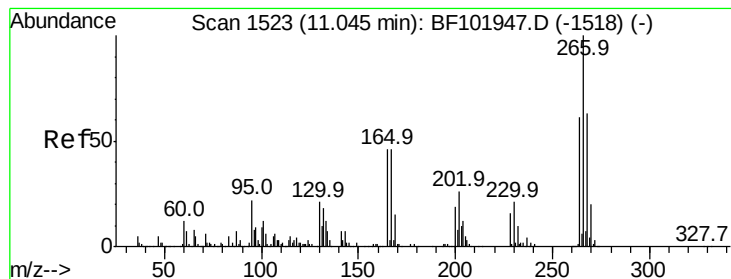
Tot Ion:284 Resp: 182216
Ion Ratio Lower Upper
284 100
142 45.3 34.6 52.0
249 31.1 24.8 37.2



#68
Atrazine
Concen: 37.825 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion:200 Resp: 191469
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 45.4 25.1 65.1





#69

Pentachlorophenol

Concen: 54.875 ng

RT: 11.04 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

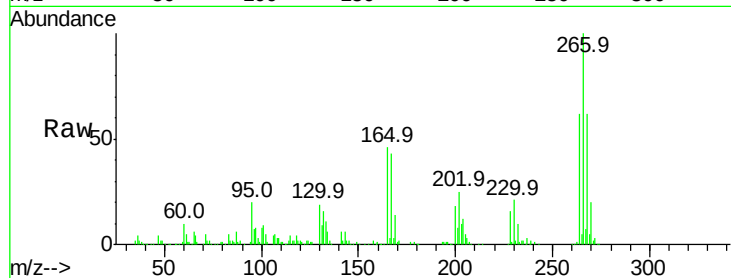
Tot Ion:266 Resp: 180452

Ion Ratio Lower Upper

266 100

268 61.7 51.1 76.7

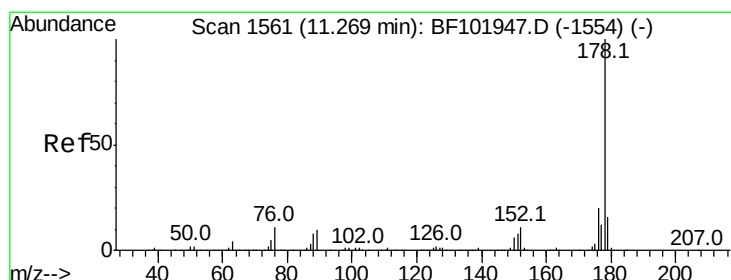
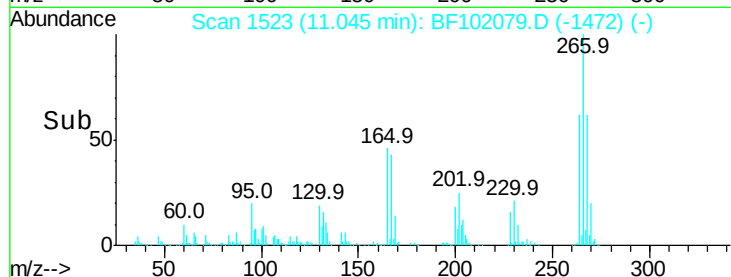
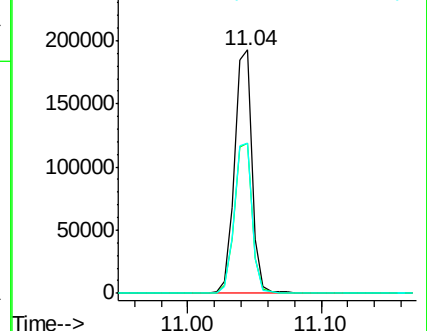
264 61.8 49.5 74.3



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



#70

Phenanthrene

Concen: 32.448 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

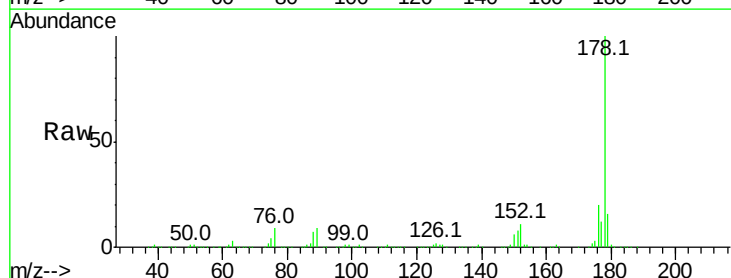
Tgt Ion:178 Resp: 886583

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

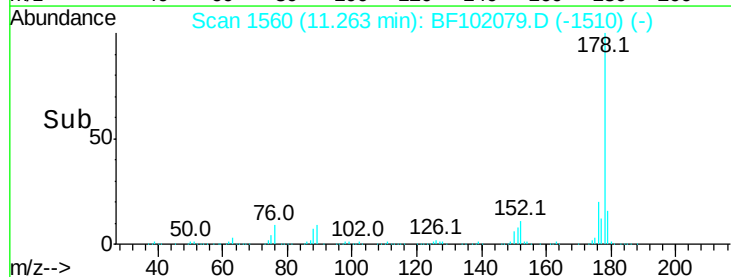
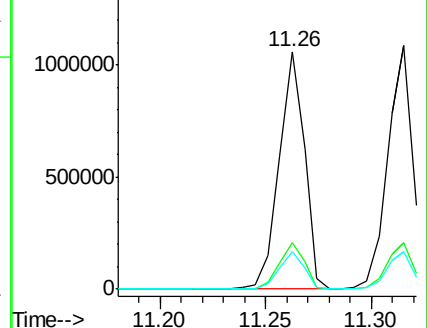
179 15.8 13.0 19.6

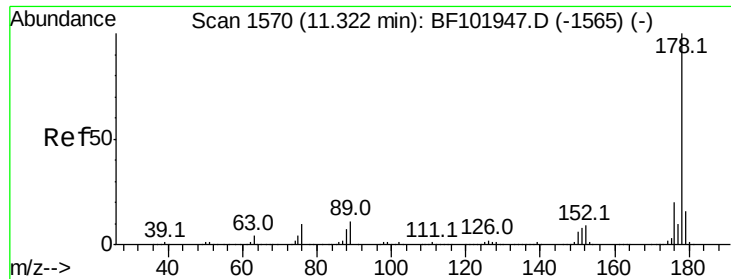


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

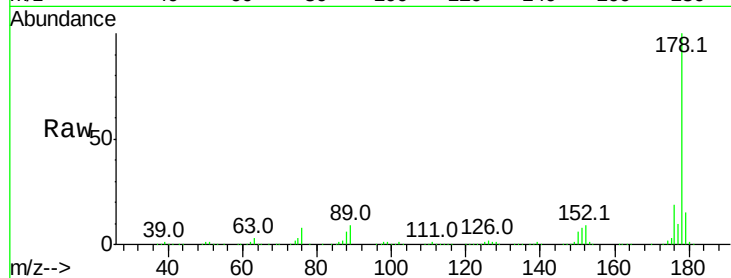




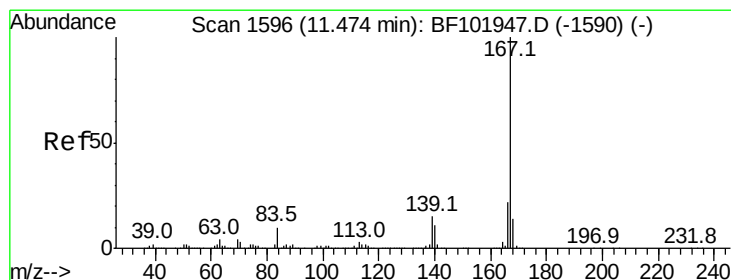
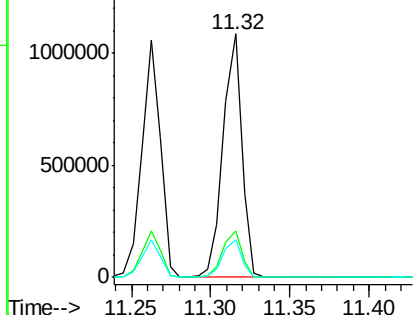
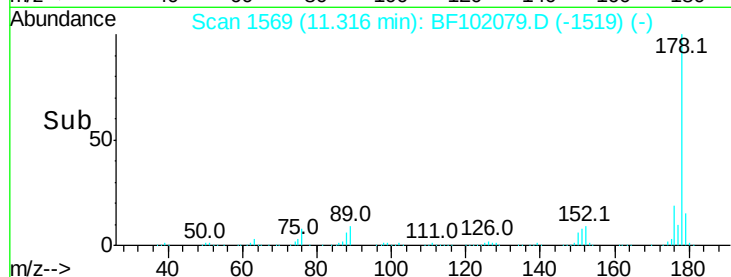
#71
 Anthracene
 Concen: 32.529 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 901423
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.2 12.6 19.0

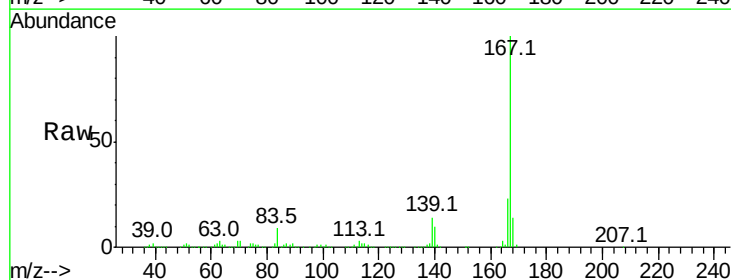


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

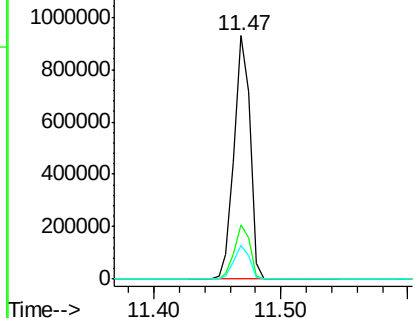
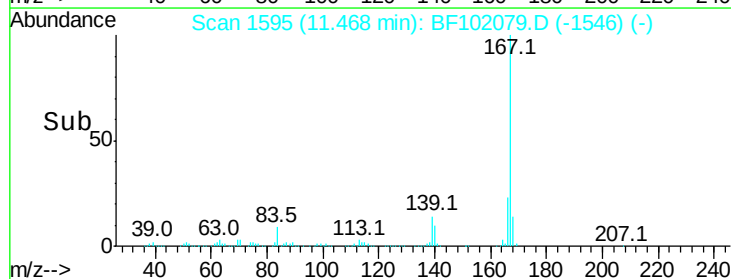


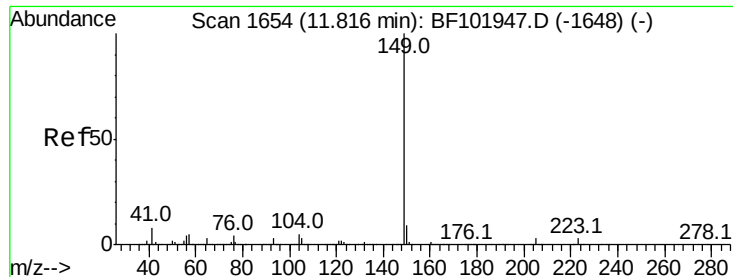
#72
 Carbazole
 Concen: 29.522 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion:167 Resp: 804115
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.664 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

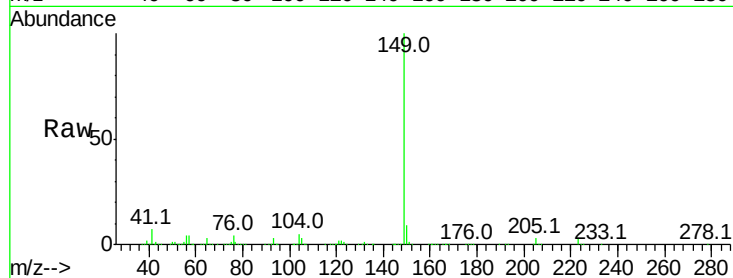
Tot Ion:149 Resp: 1124933

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

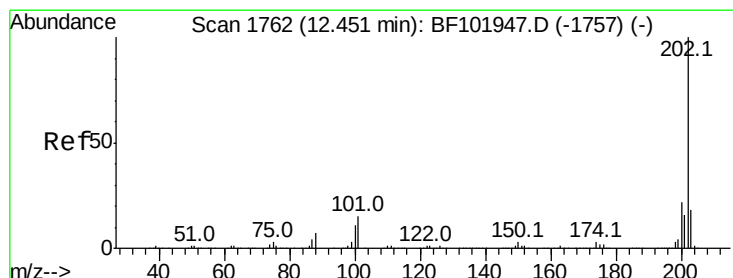
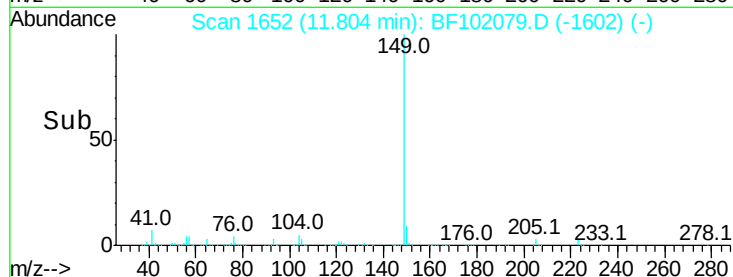
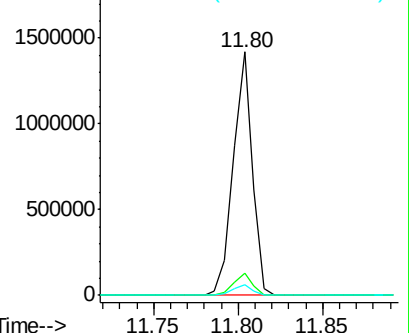
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.570 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

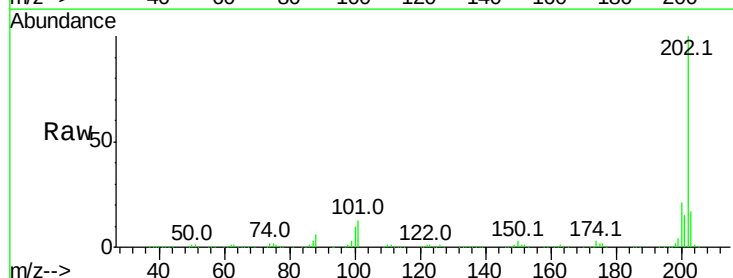
Tgt Ion:202 Resp: 768040

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

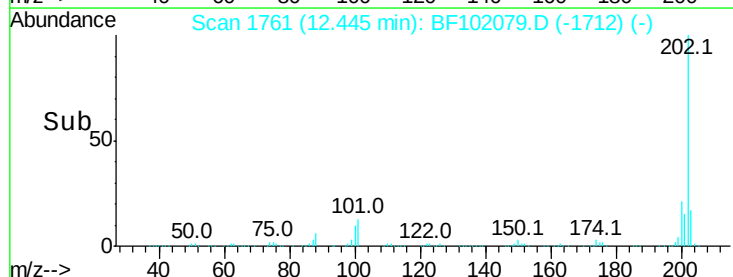
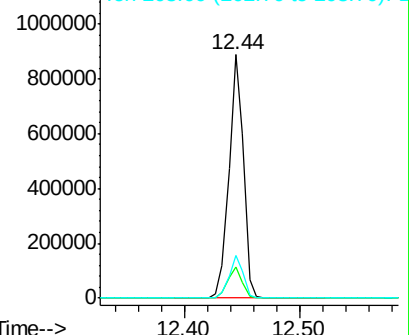
203 17.4 0.0 38.1

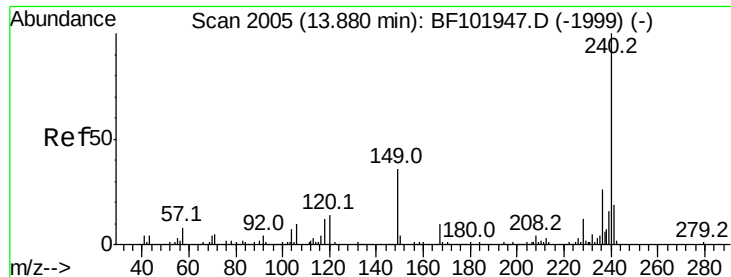


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

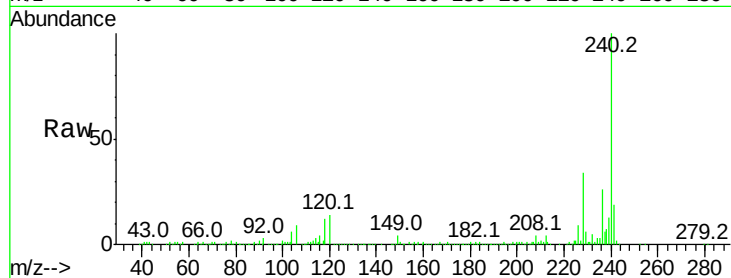
Tot Ion:240 Resp: 283193

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

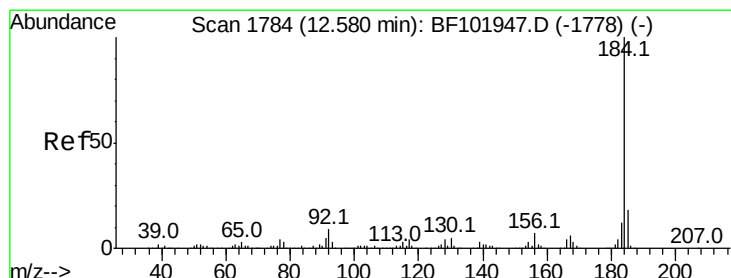
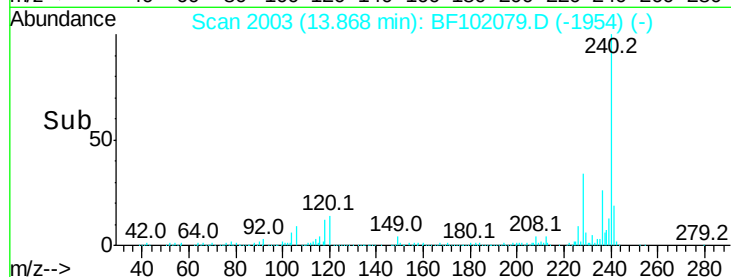
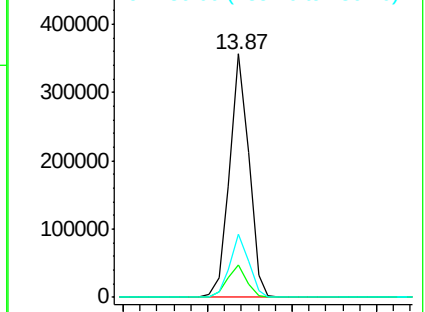
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.259 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

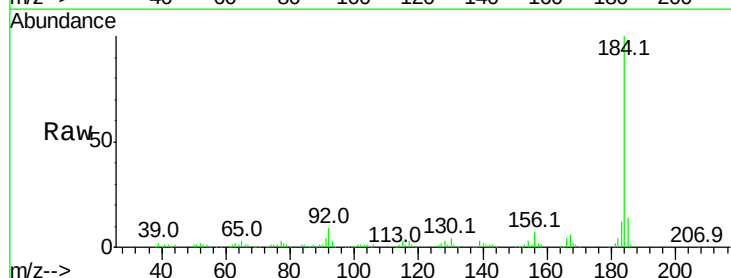
Tgt Ion:184 Resp: 167643

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

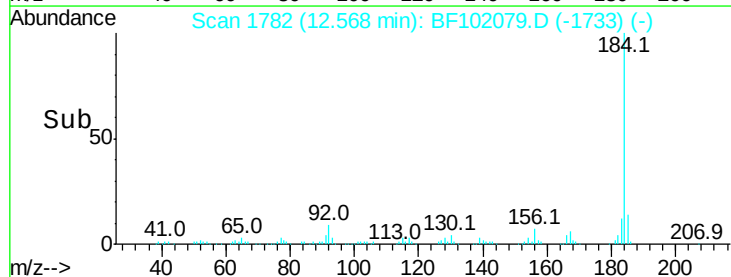
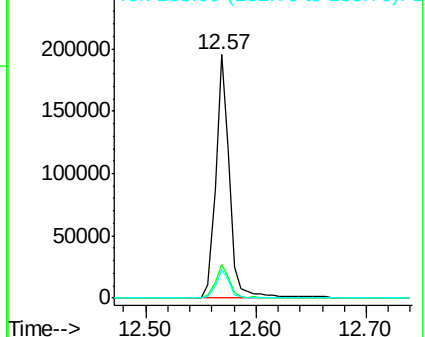
183 12.0 9.3 13.9

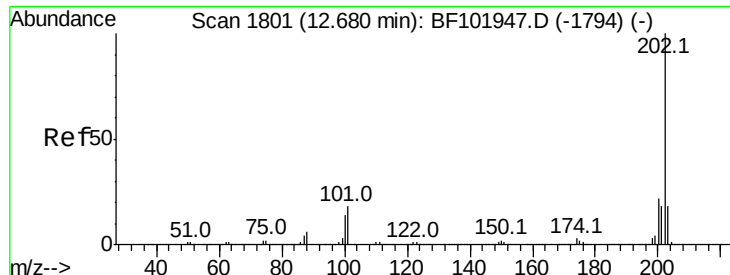


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 29.877 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

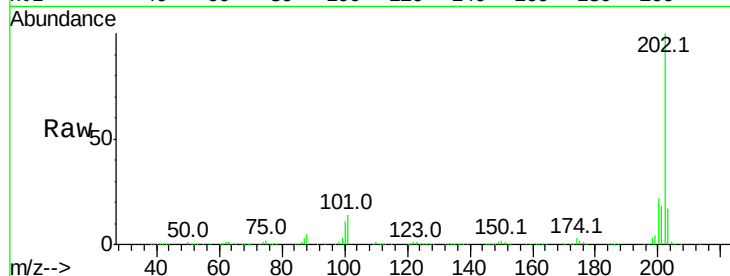
Tot Ion:202 Resp: 747895

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

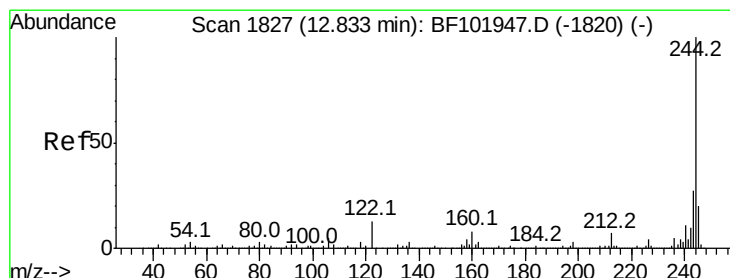
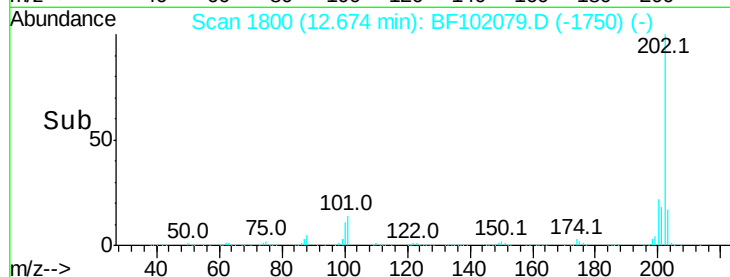
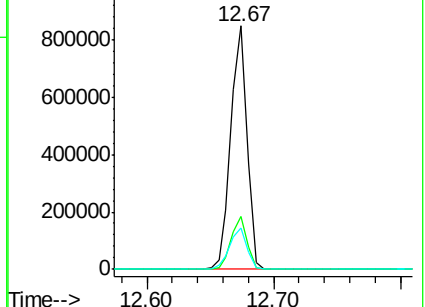
203 17.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.044 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

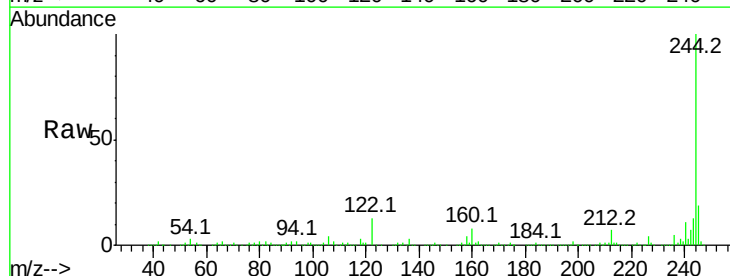
Tgt Ion:244 Resp: 982653

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

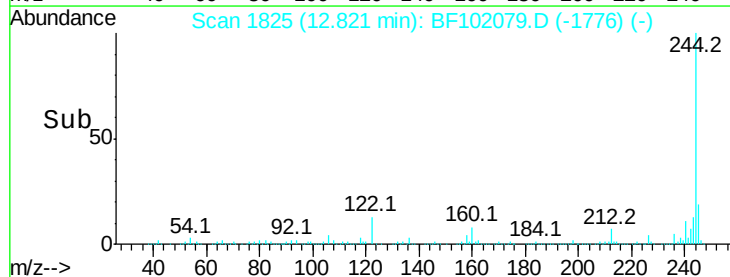
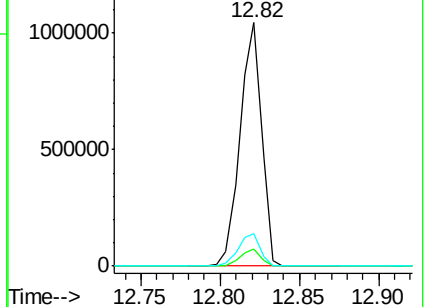
122 13.2 11.0 16.4

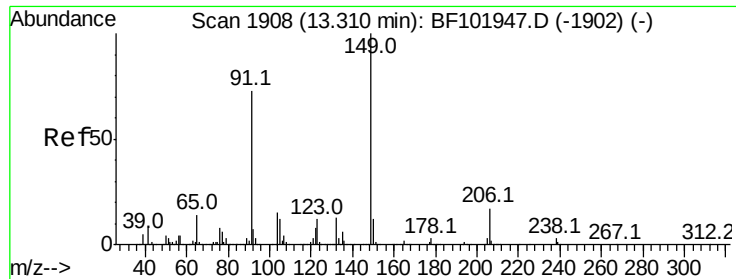


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

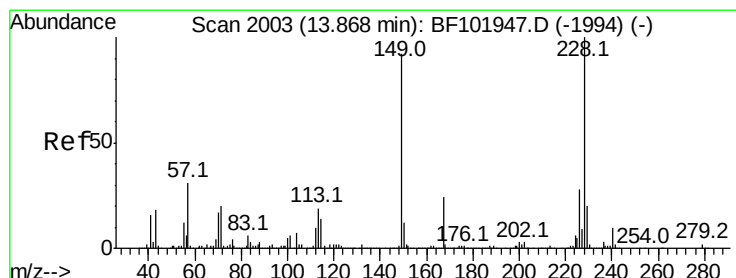
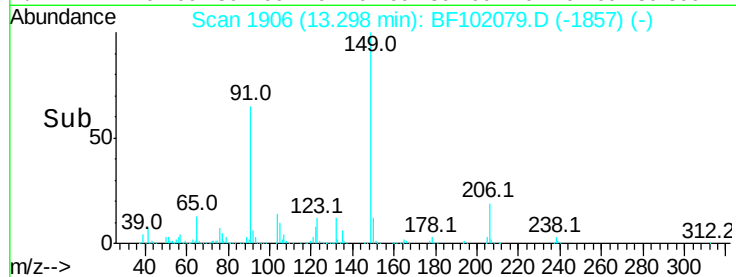
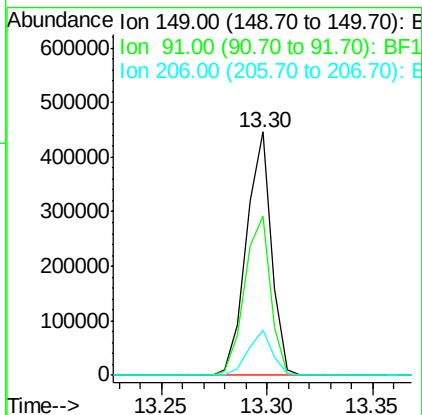
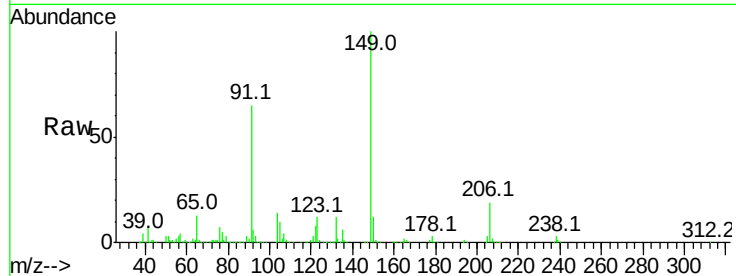




#79
Butylbenzylphthalate
Concen: 31.840 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

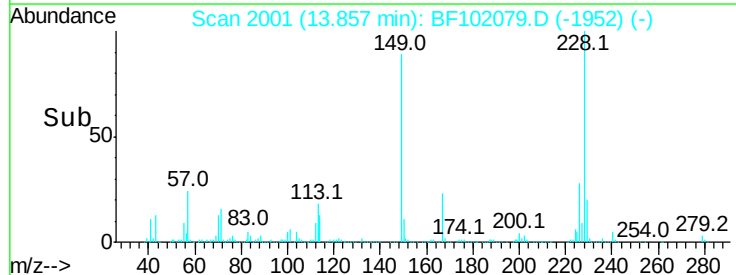
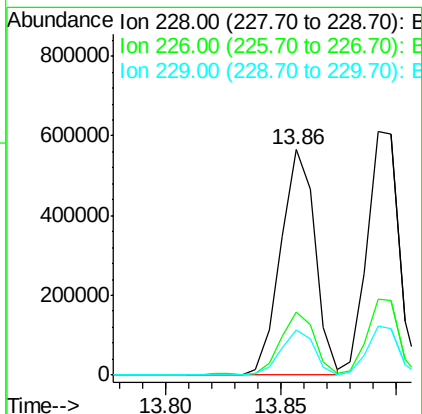
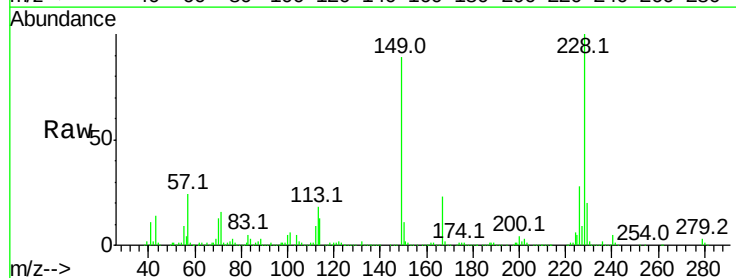
Instrument :
BNA_F
ClientSampled :

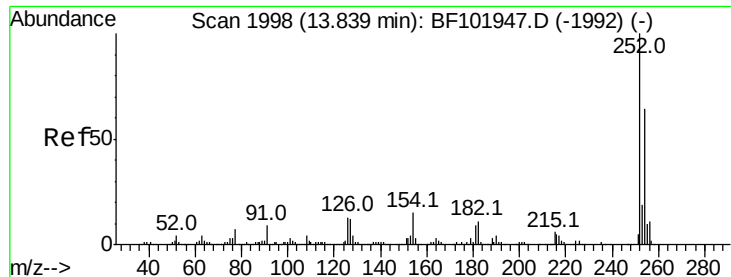
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.3	56.8	85.2
206	18.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 32.071 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 26.921 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampled :

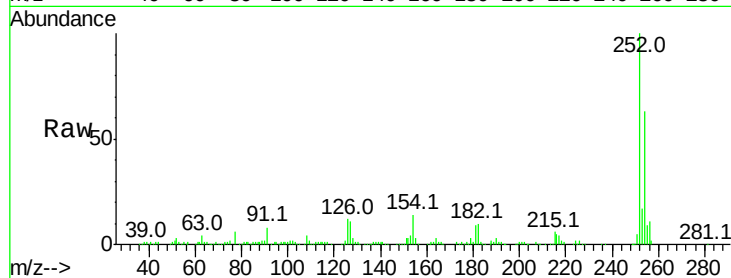
Tot Ion:252 Resp: 180105

Ion Ratio Lower Upper

252 100

254 62.9 50.4 75.6

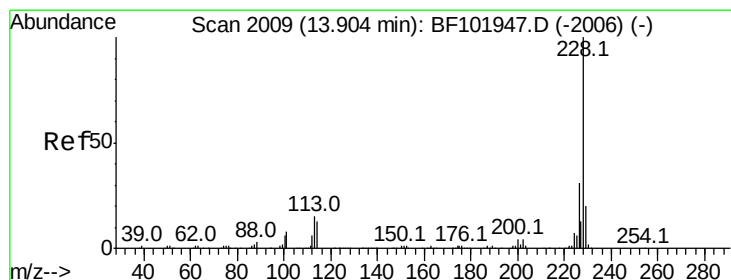
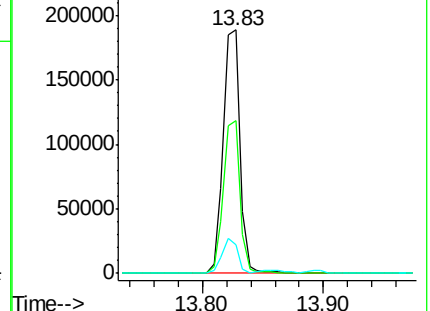
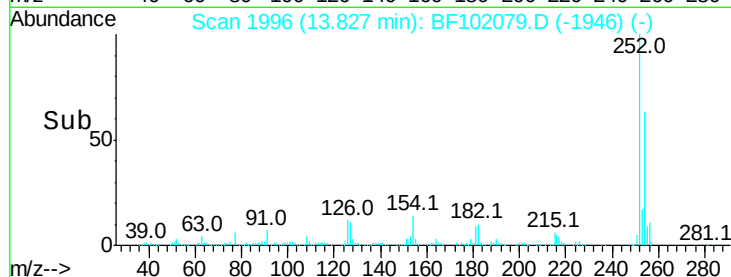
126 11.7 11.3 16.9



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



#82

Chrysene

Concen: 31.180 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

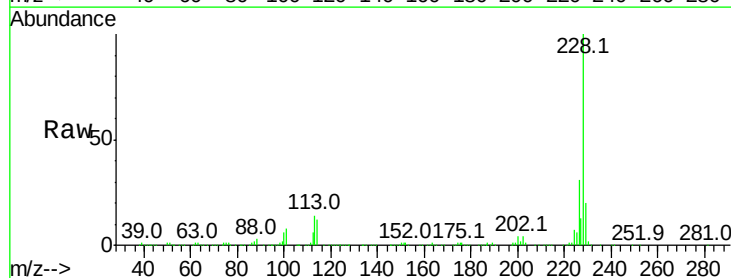
Tgt Ion:228 Resp: 587445

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

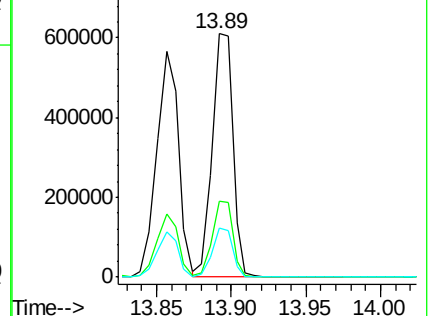
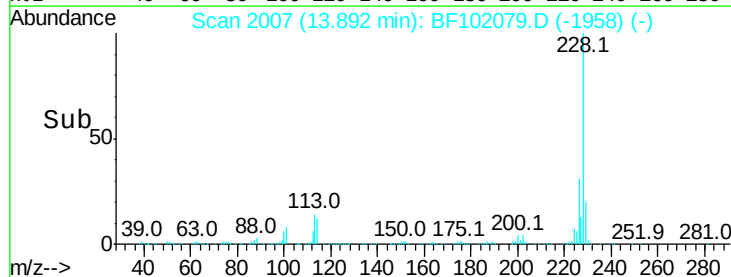
229 20.0 16.2 24.4

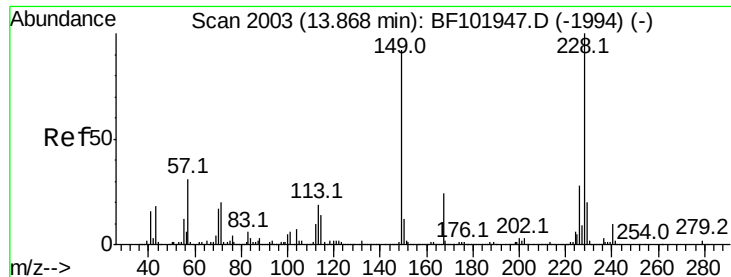


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

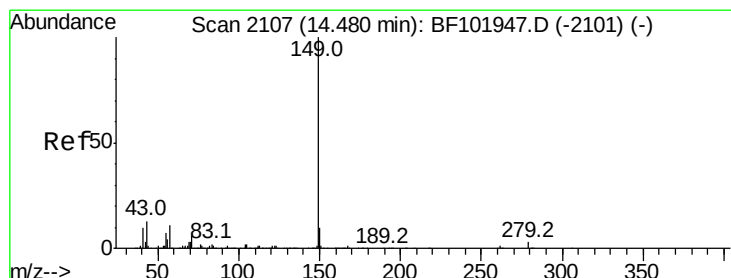
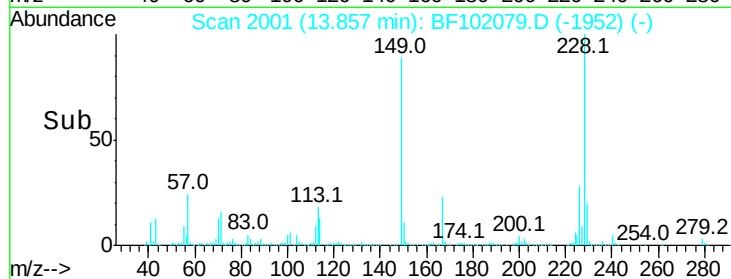
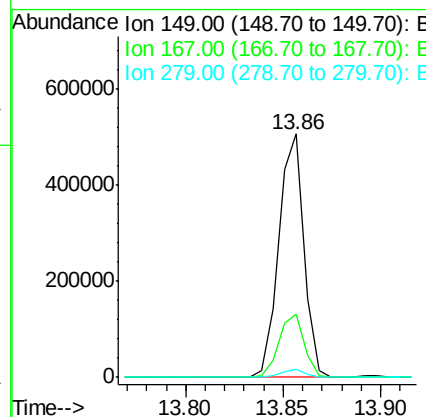
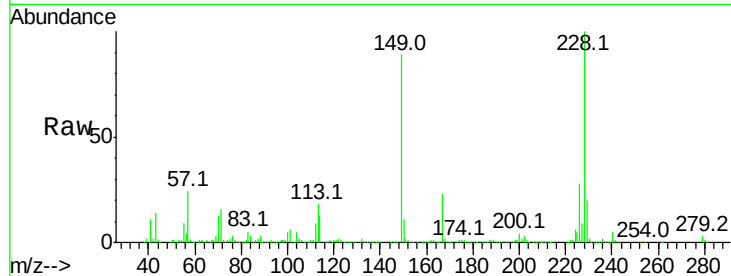




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.195 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

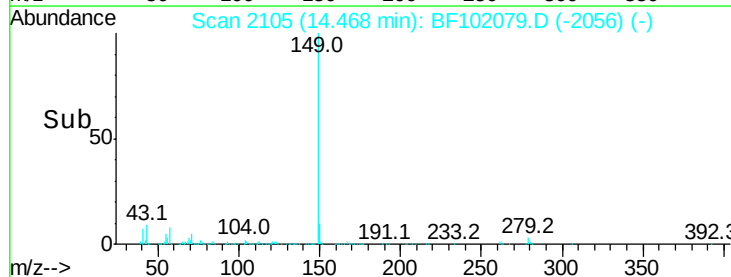
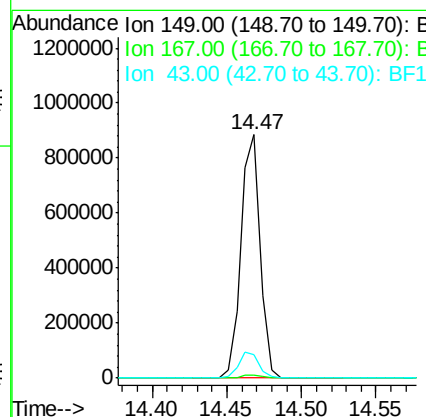
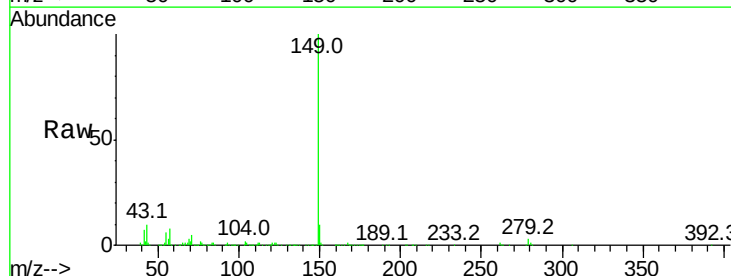
Instrument :
 BNA_F
 ClientSampleId :

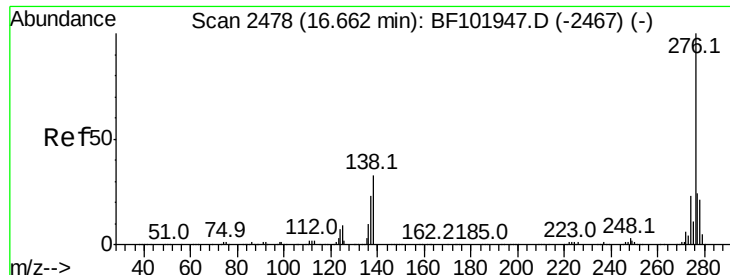
Tot Ion:149 Resp: 450641
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 36.489 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion:149 Resp: 797963
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.8 8.4 12.6

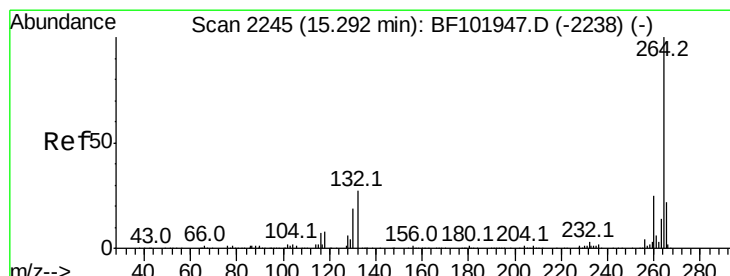
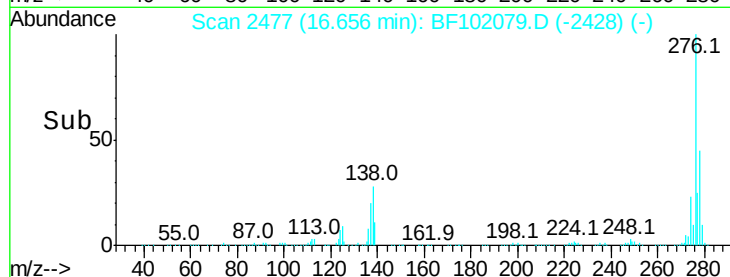
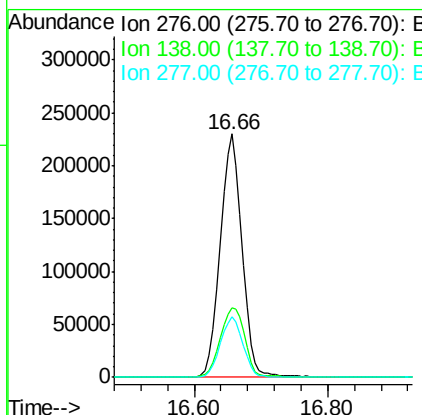
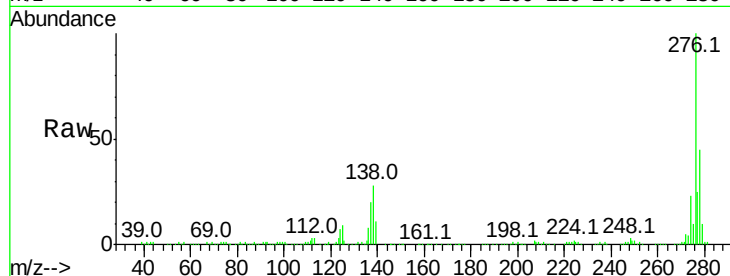




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.941 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

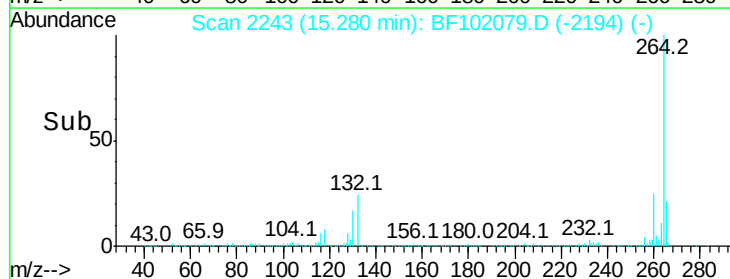
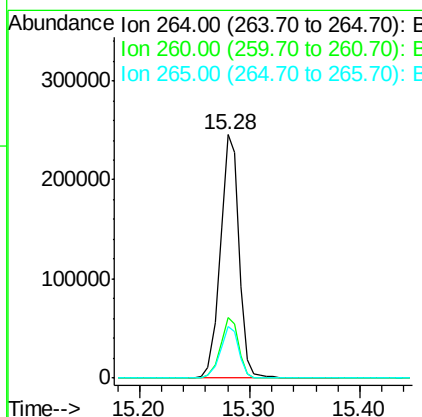
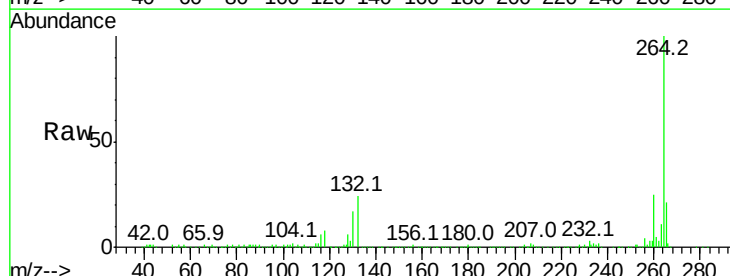
Instrument :
 BNA_F
 ClientSampleId :

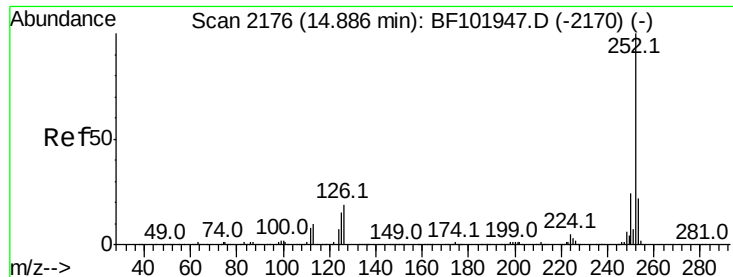
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 31.657 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

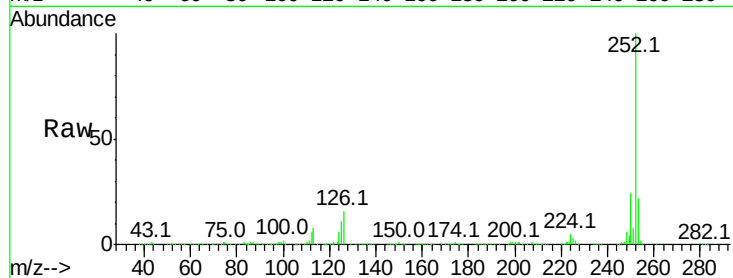
Tot Ion:252 Resp: 595635

Ion Ratio Lower Upper

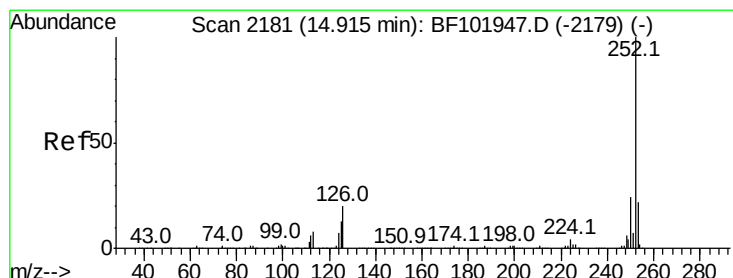
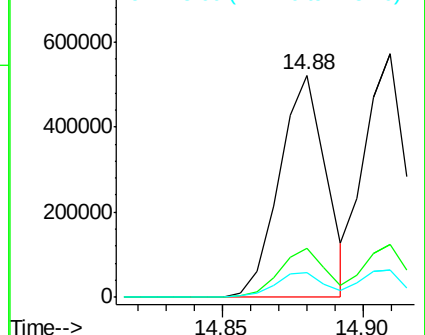
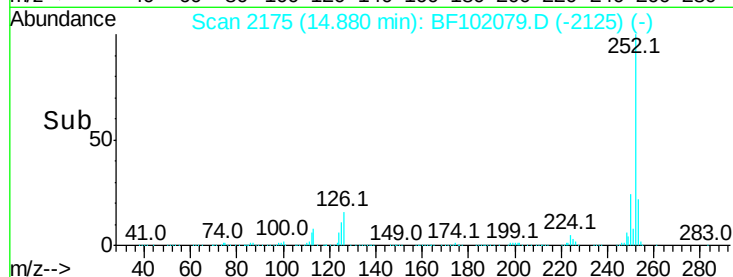
252 100

253 21.9 17.0 25.6

125 11.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.828 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

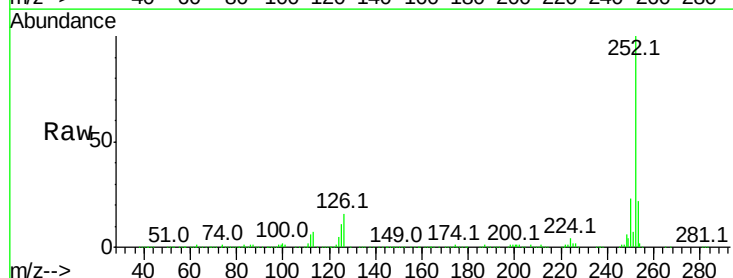
Tgt Ion:252 Resp: 577690

Ion Ratio Lower Upper

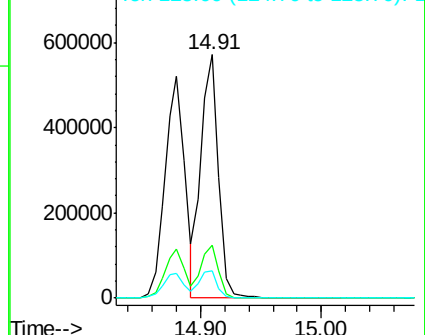
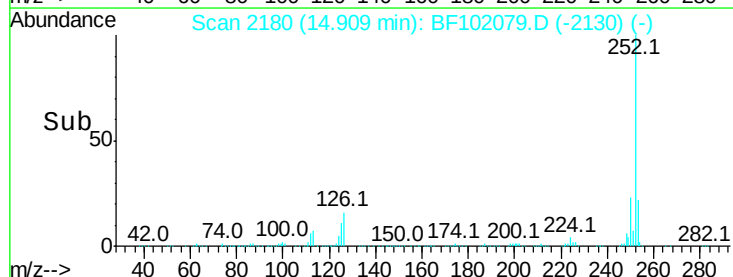
252 100

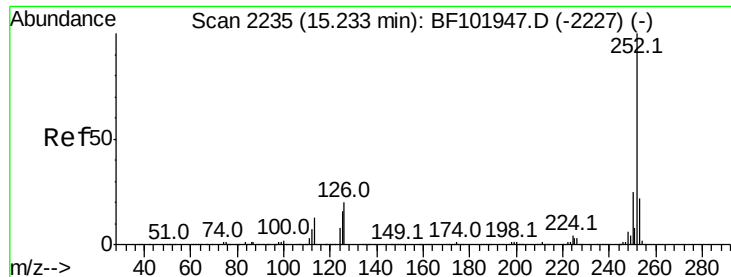
253 21.8 17.9 26.9

125 11.2 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 33.315 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

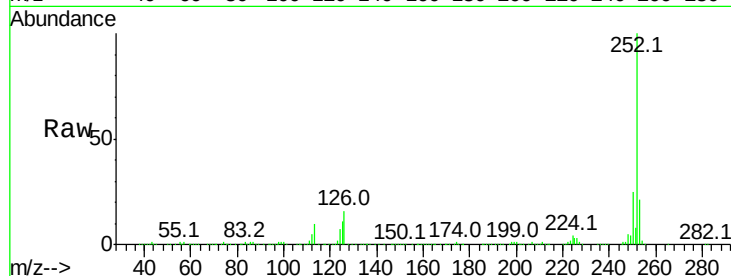
Tot Ion:252 Resp: 564068

Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

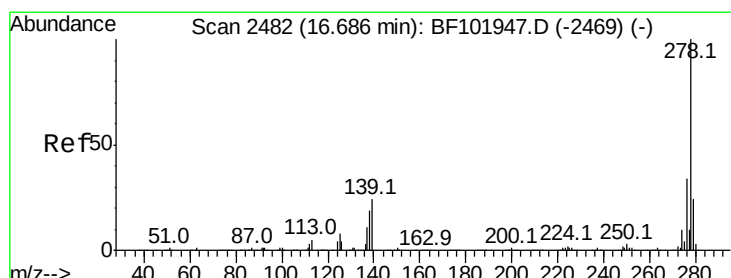
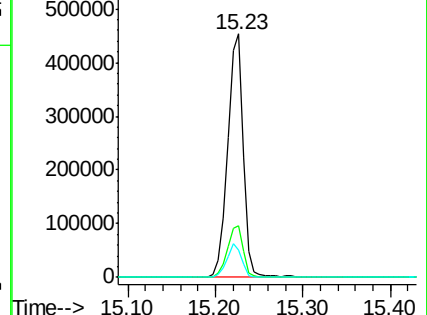
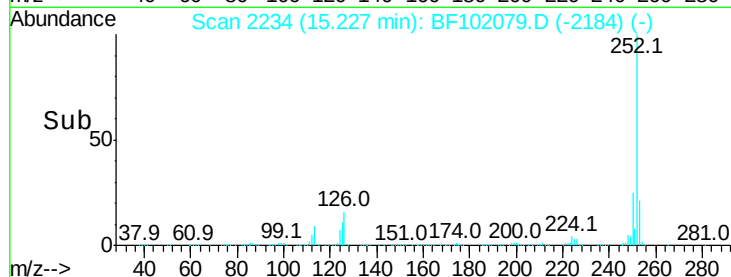
125 11.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.322 ng

RT: 16.67 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

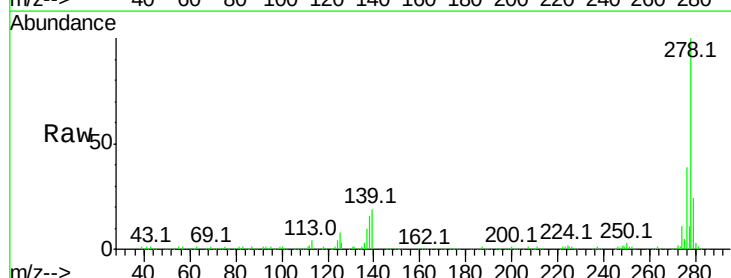
Tgt Ion:278 Resp: 450229

Ion Ratio Lower Upper

278 100

139 19.4 15.9 23.9

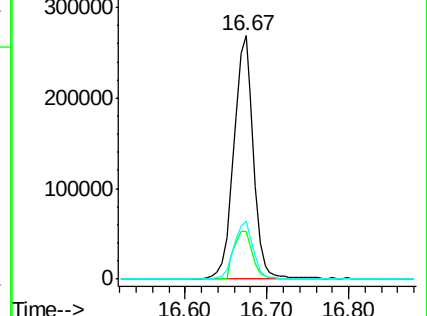
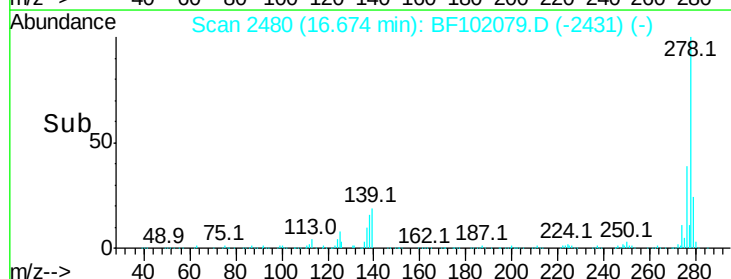
279 23.6 19.0 28.4

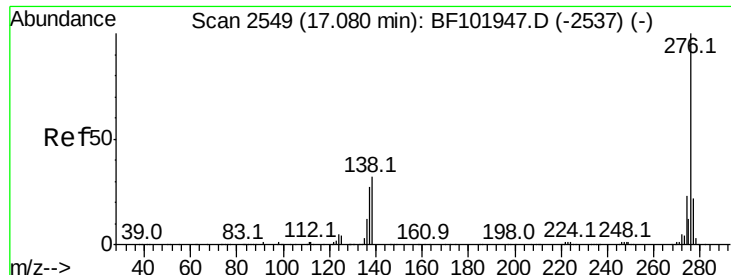


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.254 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.02 min

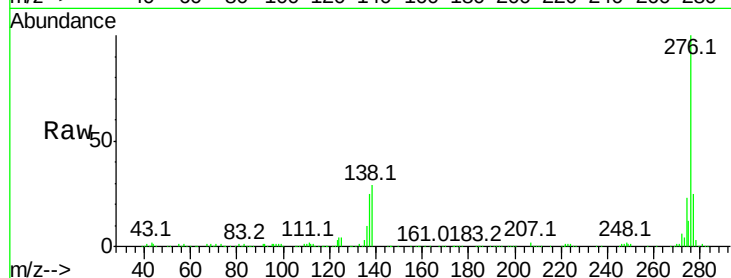
Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :



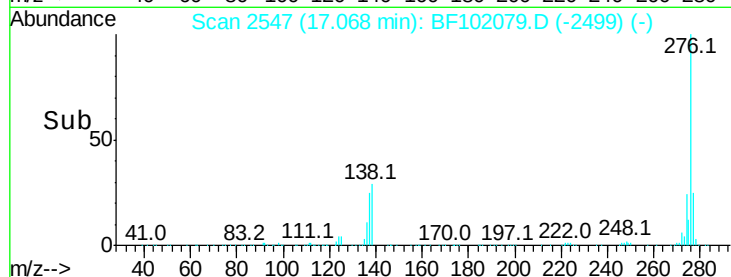
Tot Ion: 276 Resp: 425386

Ion Ratio Lower Upper

276 100

277 24.8 17.9 26.9

138 28.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

