

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107718.D
 Acq On : 26 Jul 2018 23:37
 Operator : JU/SJ
 Sample : J4120-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Quant Time: Jul 27 01:15:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	206444	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	823090	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	371295	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	650934	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	419601	20.00	ng	-0.02
86) Perylene-d12	15.68	264	507708	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1697141	132.18	ng	0.00
7) Phenol-d6	6.61	99	1991845	129.19	ng	0.00
23) Nitrobenzene-d5	7.54	82	1320791	108.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	628075	148.76	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2434622	129.22	ng	-0.02
78) Terphenyl-d14	13.08	244	1787222	109.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	182551	30.545	ng	# 84
3) Pyridine	3.65	79	470160	28.918	ng	87
4) n-Nitrosodimethylamine	3.62	42	212403	30.975	ng	97
6) Aniline	6.64	93	555856	27.953	ng	# 76
8) 2-Chlorophenol	6.76	128	624236	45.378	ng	98
9) Benzaldehyde	6.52	77	400986	44.412	ng	98
10) Phenol	6.62	94	720544	39.739	ng	90
11) bis(2-Chloroethyl)ether	6.70	93	523654	34.834	ng	93
12) 1,3-Dichlorobenzene	6.91	146	652764	41.853	ng	99
13) 1,4-Dichlorobenzene	6.98	146	716375	44.813	ng	99
14) 1,2-Dichlorobenzene	7.13	146	617821	43.066	ng	99
15) Benzyl Alcohol	7.11	79	474577	45.165	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	959521	37.835	ng	67
17) 2-Methylphenol	7.22	107	516439	44.170	ng	# 90
18) Hexachloroethane	7.47	117	241529	43.077	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	420994	42.268	ng	97
20) 3+4-Methylphenols	7.38	107	602677	43.409	ng	# 62
22) Acetophenone	7.38	105	898748	46.494	ng	# 89
24) Nitrobenzene	7.55	77	639487	45.779	ng	99
25) Isophorone	7.78	82	1258125	48.313	ng	98
26) 2-Nitrophenol	7.87	139	363696	61.653	ng	97
27) 2,4-Dimethylphenol	7.90	122	559648	50.120	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	768077	44.135	ng	99
29) 2,4-Dichlorophenol	8.11	162	561746	49.220	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	580000	45.246	ng	99
31) Naphthalene	8.27	128	1805441	49.881	ng	98
32) Benzoic acid	8.02	122	171733	26.304	ng	96
33) 4-Chloroaniline	8.32	127	246583	15.587	ng	97
34) Hexachlorobutadiene	8.37	225	335322	44.023	ng	99
35) Caprolactam	8.70	113	143354	38.617	ng	# 82
36) 4-Chloro-3-methylphenol	8.81	107	610069	48.121	ng	99
37) 2-Methylnaphthalene	8.96	142	1265480	50.455	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	601104	48.538	ng	98
40) Hexachlorocyclopentadiene	9.10	237	335905	53.357	ng	99

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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Quant Time: Jul 27 01:15:51 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
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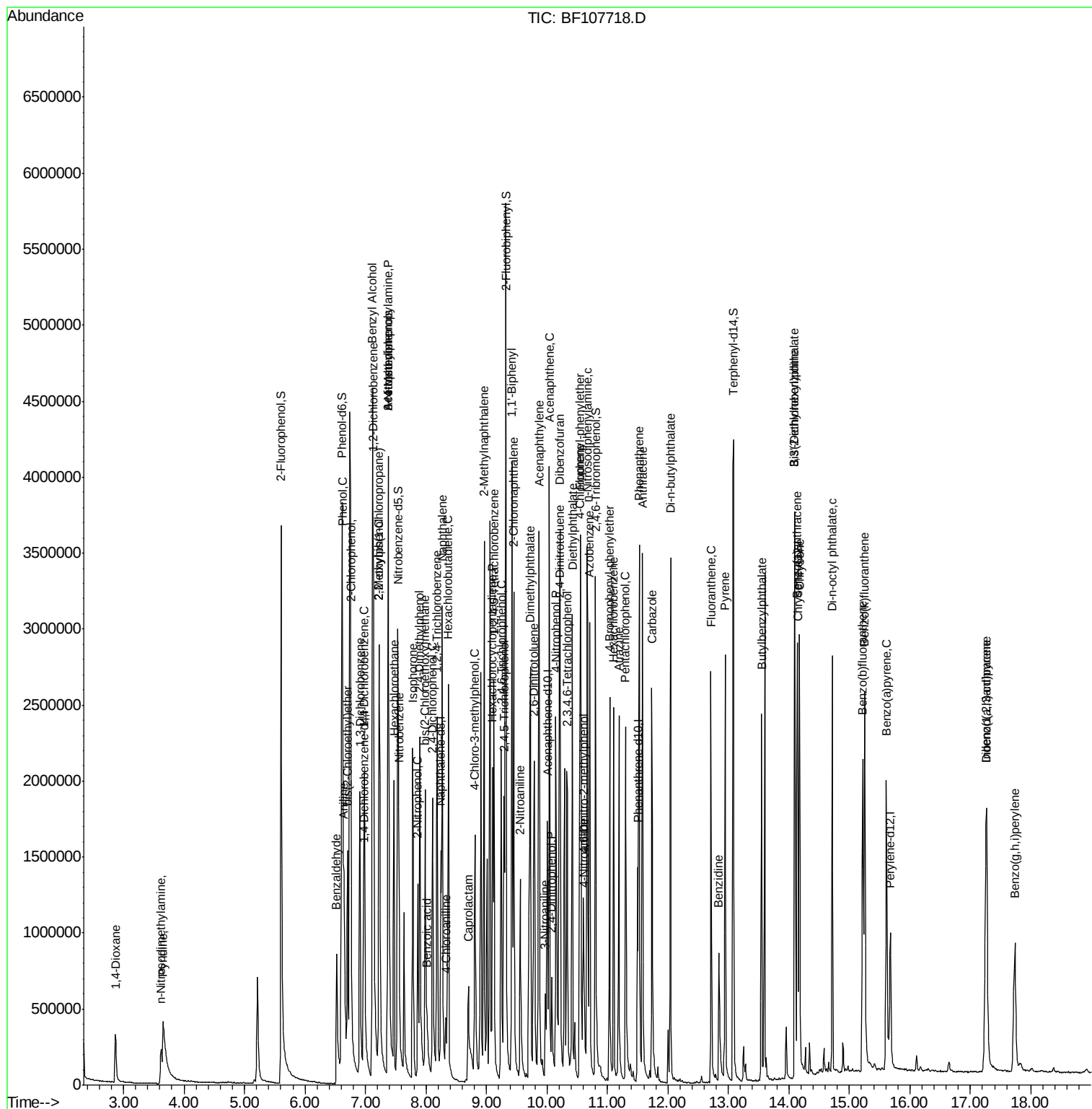
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	390842	49.305	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	423884	51.164	ng	95
45) 1,1'-Biphenyl	9.42	154	1534266	47.436	ng	98
46) 2-Chloronaphthalene	9.45	162	1149143	46.481	ng	99
47) 2-Nitroaniline	9.55	65	392187	54.413	ng	88
48) Acenaphthylene	9.87	152	1843545	49.639	ng	98
49) Dimethylphthalate	9.72	163	1445425	51.653	ng	98
50) 2,6-Dinitrotoluene	9.80	165	294644	53.034	ng	95
51) Acenaphthene	10.04	154	1025392	44.066	ng	100
52) 3-Nitroaniline	9.97	138	157499	23.302	ng	98
53) 2,4-Dinitrophenol	10.08	184	154330	65.234	ng #	28
54) Dibenzofuran	10.21	168	1566051	45.714	ng	97
55) 4-Nitrophenol	10.15	139	325441	64.311	ng	92
56) 2,4-Dinitrotoluene	10.20	165	347651	51.839	ng #	93
57) Fluorene	10.56	166	1240401	50.753	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	350641	50.854	ng #	86
59) Diethylphthalate	10.42	149	1373203	46.987	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	620942	44.942	ng	95
61) 4-Nitroaniline	10.60	138	238374	41.977	ng	95
62) Azobenzene	10.71	77	1225452	44.717	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	139381	45.014	ng	87
65) n-Nitrosodiphenylamine	10.67	169	1108346	50.135	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	383479	50.046	ng #	87
67) Hexachlorobenzene	11.10	284	399783	47.417	ng #	90
68) Atrazine	11.19	200	325946	48.290	ng	96
69) Pentachlorophenol	11.30	266	367169	69.721	ng	99
70) Phenanthrene	11.52	178	1517333	47.835	ng	99
71) Anthracene	11.58	178	1639919	51.348	ng	99
72) Carbazole	11.74	167	1409825	42.450	ng	99
73) Di-n-butylphthalate	12.04	149	1824806	58.357	ng	98
74) Fluoranthene	12.71	202	1394705	40.975	ng	98
76) Benzidine	12.84	184	572872	47.408	ng	98
77) Pyrene	12.95	202	1337050	46.585	ng	99
79) Butylbenzylphthalate	13.55	149	604737	48.994	ng	92
80) Benzo(a)anthracene	14.14	228	1218811	49.567	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	358387	51.132	ng #	98
82) Chrysene	14.18	228	1197118	50.681	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	777258	44.629	ng	99
84) Di-n-octyl phthalate	14.72	149	1426266	52.686	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	1201559	60.020	ng #	93
87) Benzo(b)fluoranthene	15.22	252	1233434	44.390	ng	97
88) Benzo(k)fluoranthene	15.25	252	1348378	49.531	ng #	98
89) Benzo(a)pyrene	15.62	252	1265271	49.780	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	1028060	46.791	ng	96
91) Benzo(g,h,i)perylene	17.74	276	922568	42.569	ng #	92

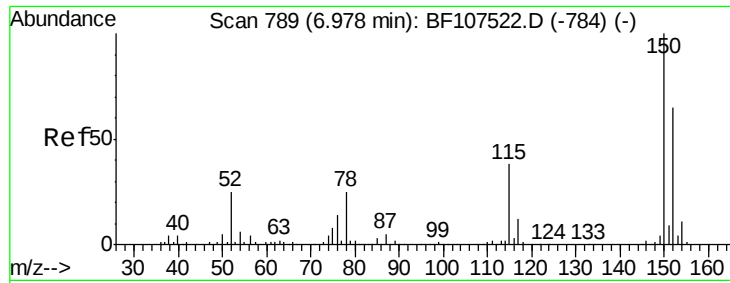
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 26 Jul 2018   23:37
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Sample    : J4120-01MS
Misc      :
ALS Vial  : 22   Sample Multiplier: 1
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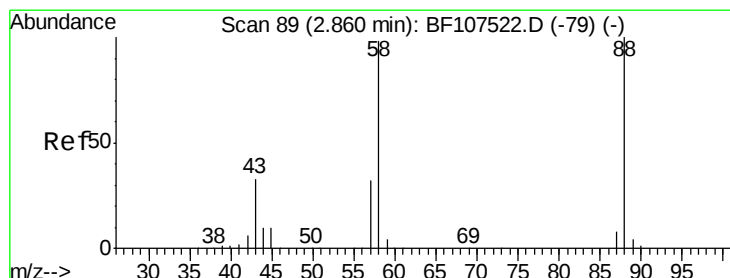
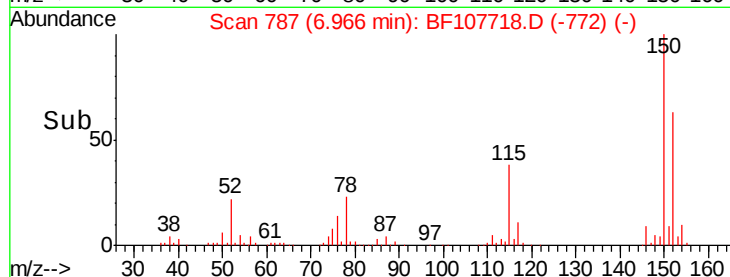
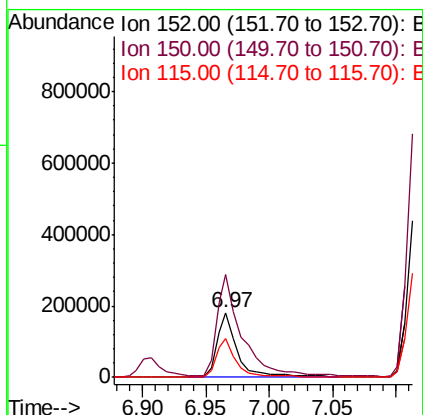
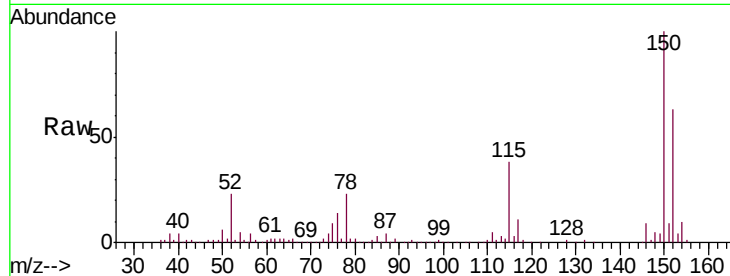


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

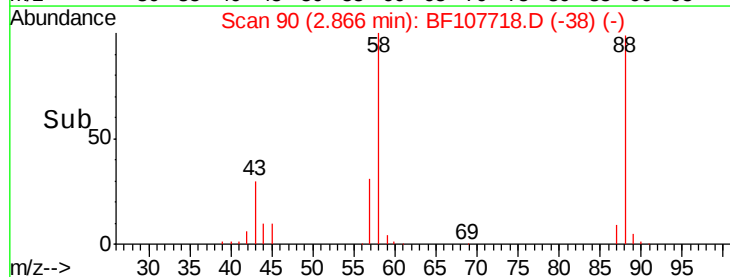
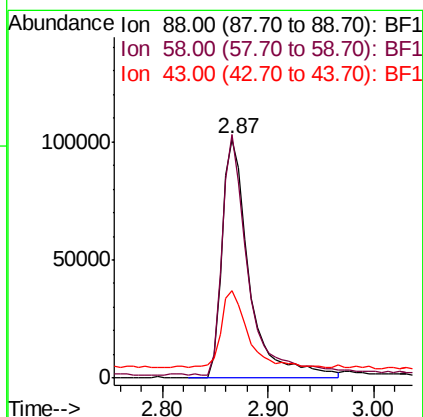
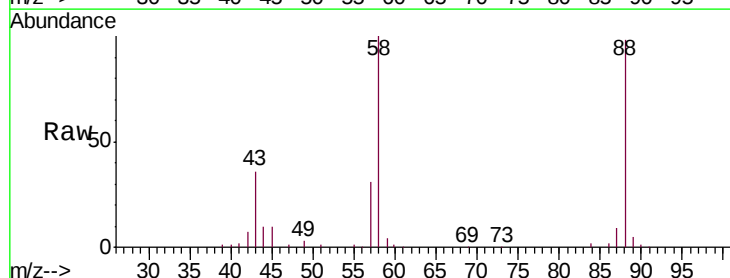
Tgt Ion:152 Resp: 206444
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 60.4 50.1 75.1

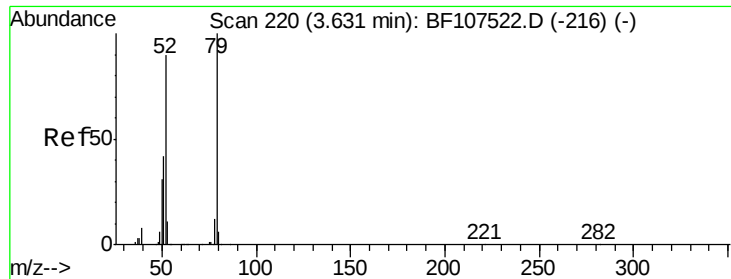


#2

1,4-Dioxane
Concen: 30.545 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion: 88 Resp: 182551
Ion Ratio Lower Upper
88 100
58 96.7 62.6 93.8#
43 32.0 24.6 37.0





#3

Pyridine

Concen: 28.918 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

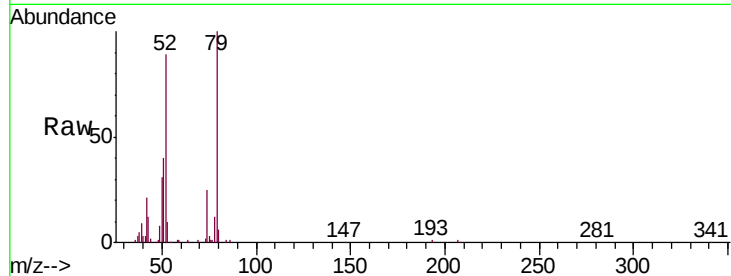
Tgt Ion: 79 Resp: 470160

Ion Ratio Lower Upper

79 100

52 89.2 59.8 89.6

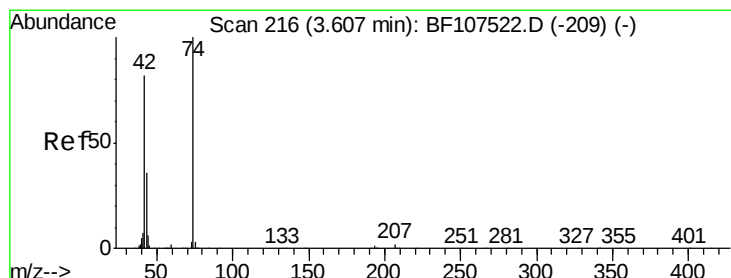
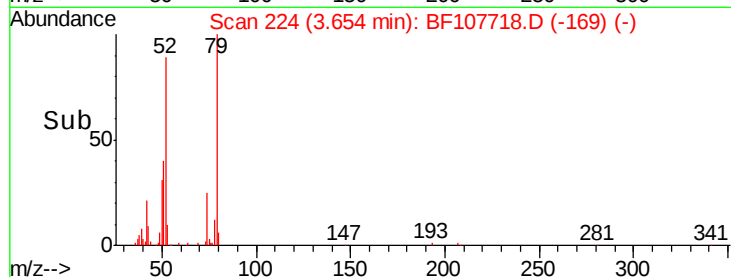
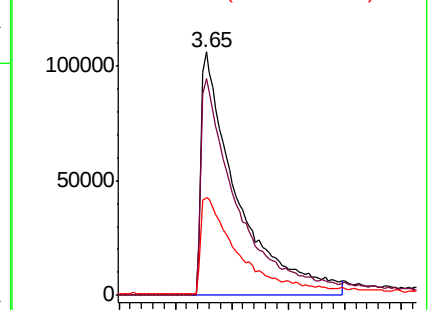
51 40.2 29.8 44.8



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: 30.975 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

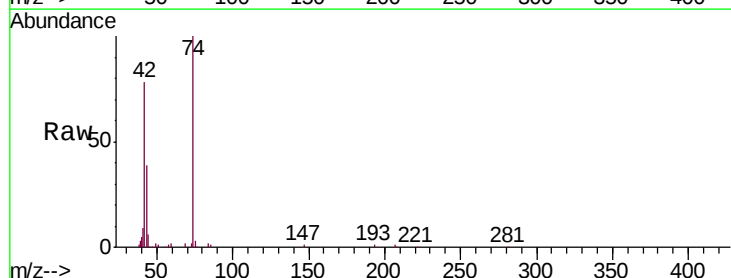
Tgt Ion: 42 Resp: 212403

Ion Ratio Lower Upper

42 100

74 127.5 104.9 157.3

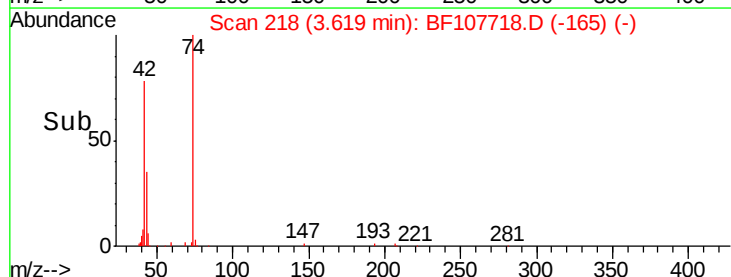
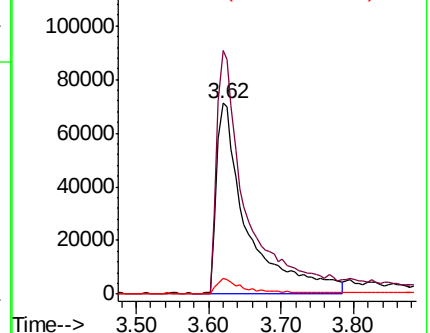
44 8.2 6.9 10.3

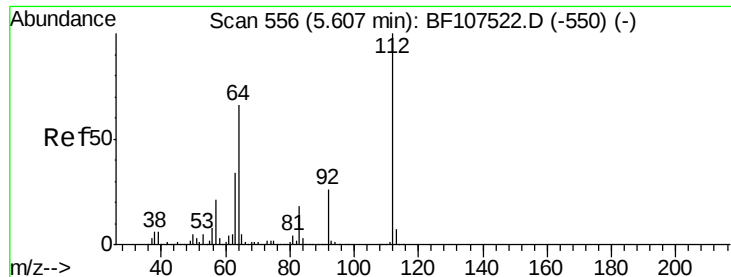


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 132.175 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

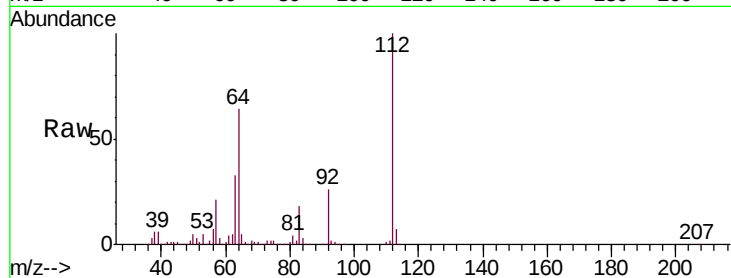
Tgt Ion:112 Resp: 1697141

Ion Ratio Lower Upper

112 100

64 64.5 47.9 71.9

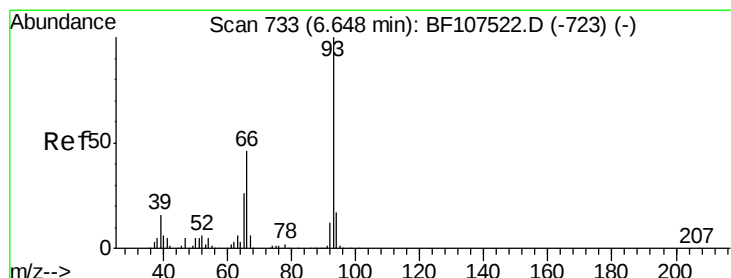
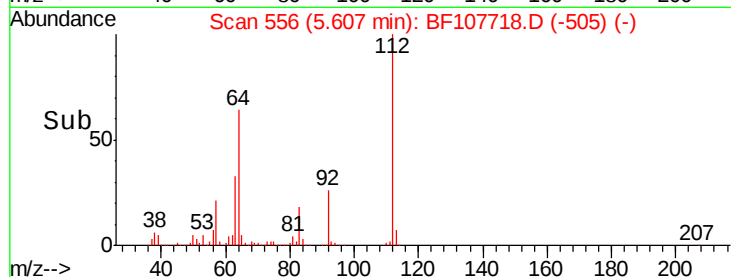
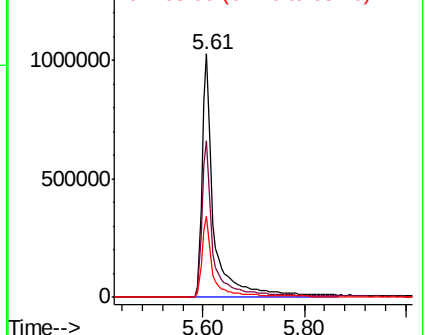
63 33.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.953 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

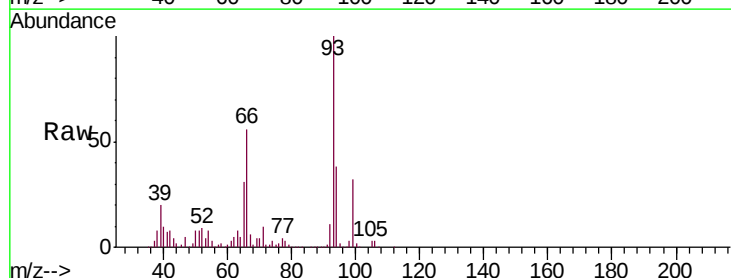
Tgt Ion: 93 Resp: 555856

Ion Ratio Lower Upper

93 100

66 55.7 32.2 48.2#

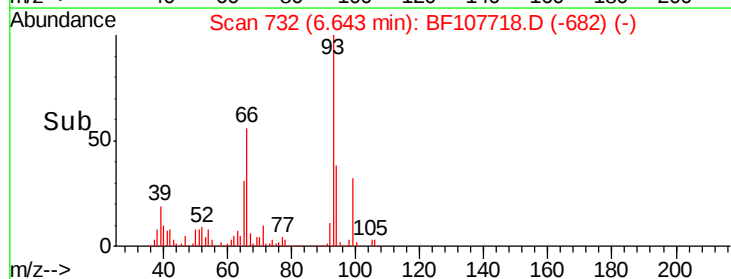
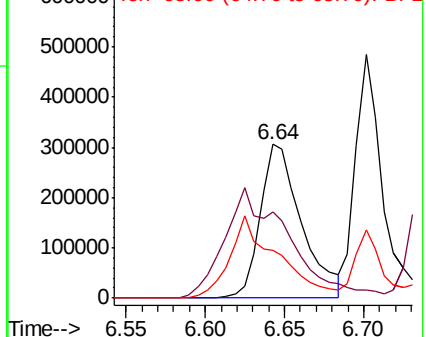
65 30.7 16.4 24.6#

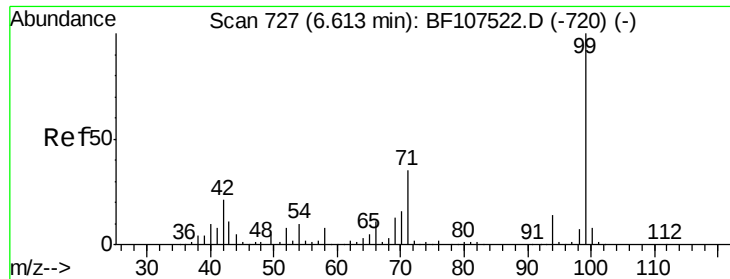


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.193 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107718.D

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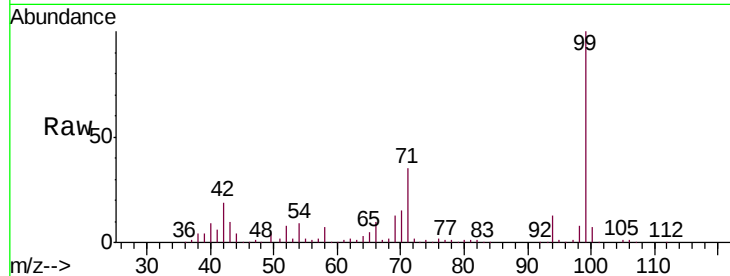
Tgt Ion: 99 Resp: 1991845

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

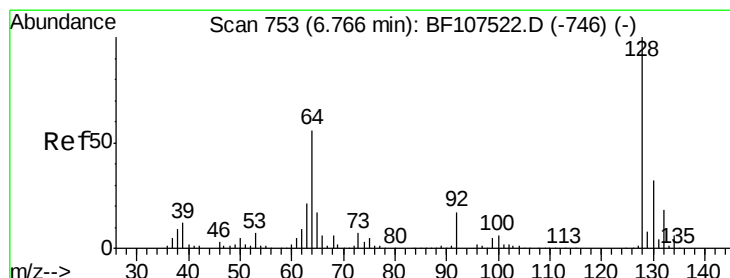
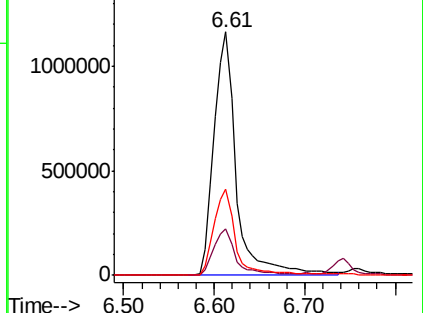
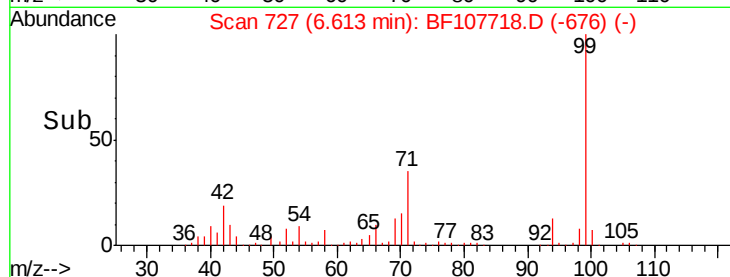
71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.378 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

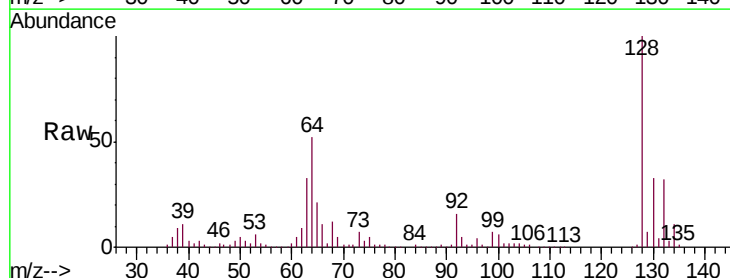
Tgt Ion: 128 Resp: 624236

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

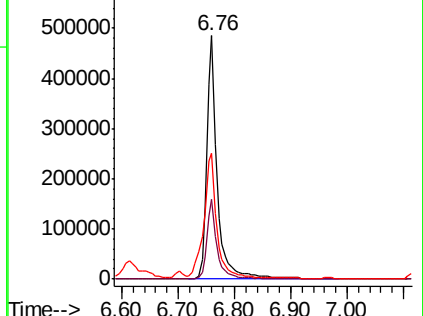
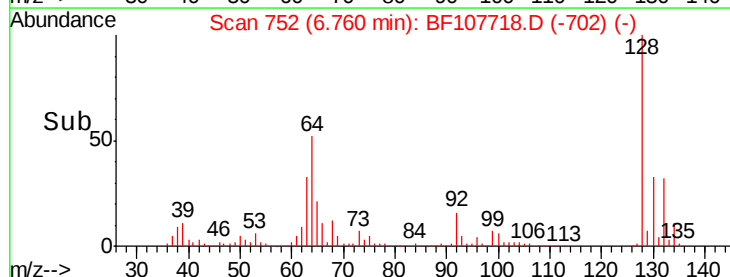
64 51.9 29.4 69.4

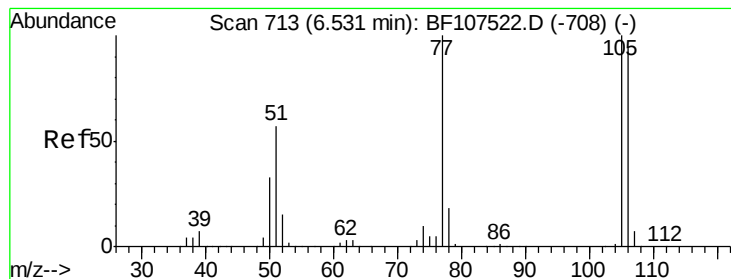


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 44.412 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

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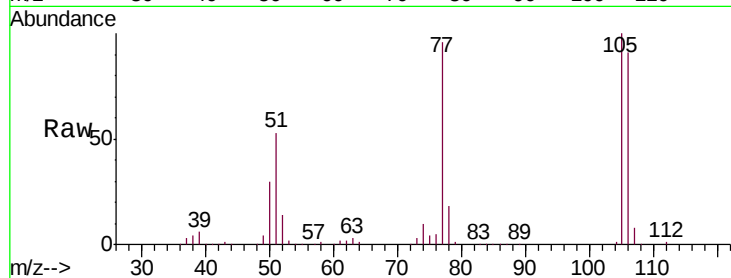
Tgt Ion: 77 Resp: 400986

Ion Ratio Lower Upper

77 100

105 103.9 81.1 121.1

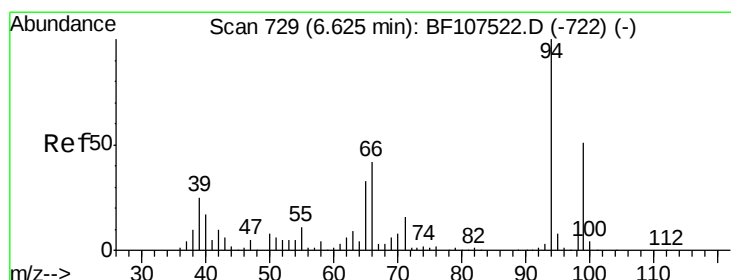
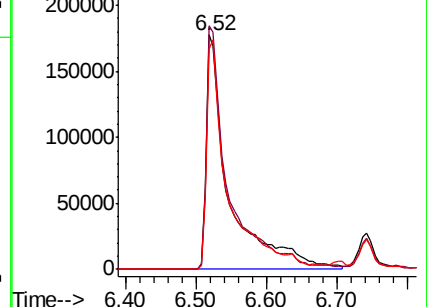
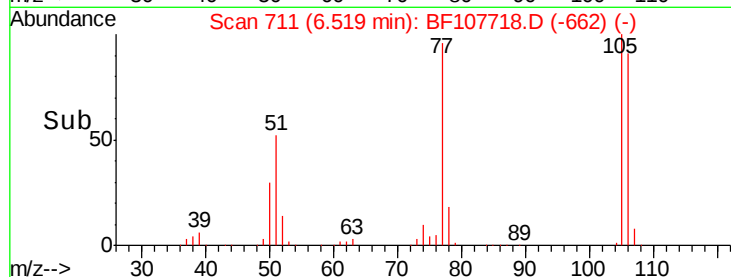
106 94.3 74.5 114.5



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: 39.739 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

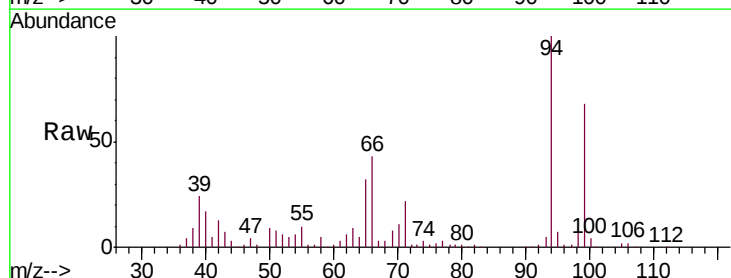
Tgt Ion: 94 Resp: 720544

Ion Ratio Lower Upper

94 100

65 32.0 7.9 47.9

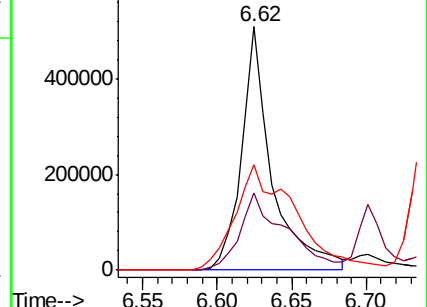
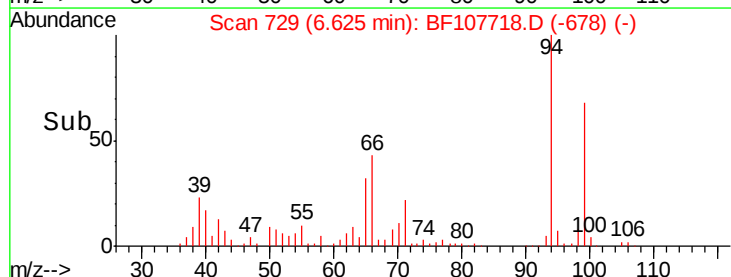
66 43.1 16.2 56.2

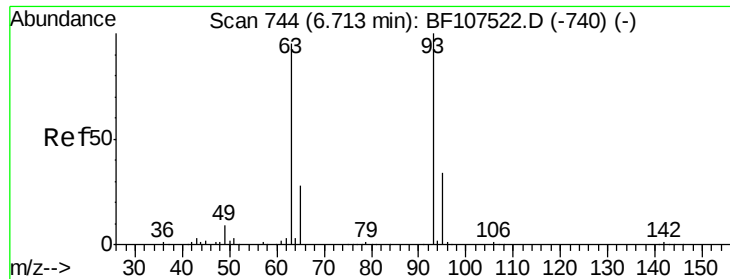


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

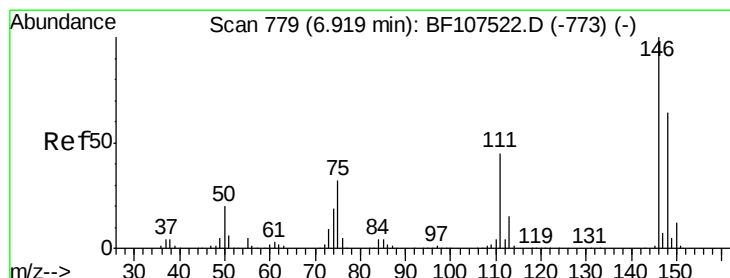
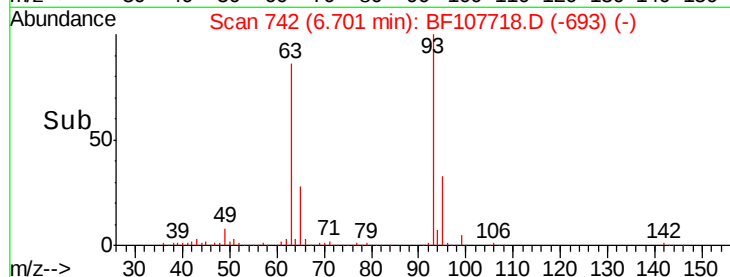
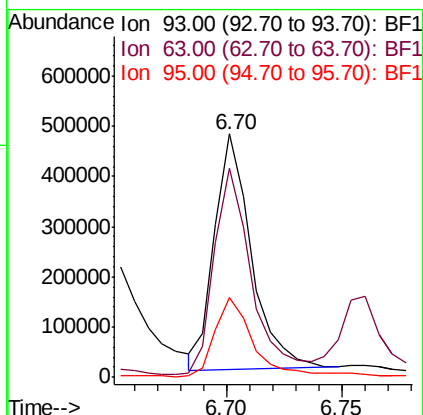
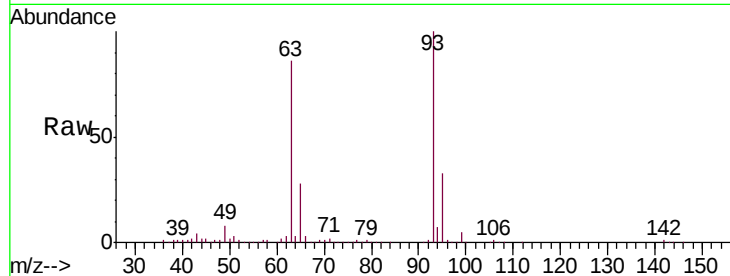




#11
 bis(2-Chloroethyl)ether
 Concen: 34.834 ng
 RT: 6.70 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

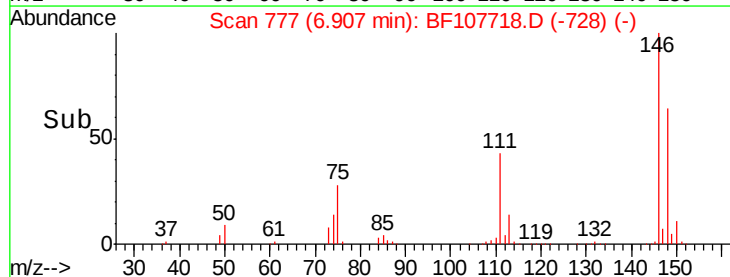
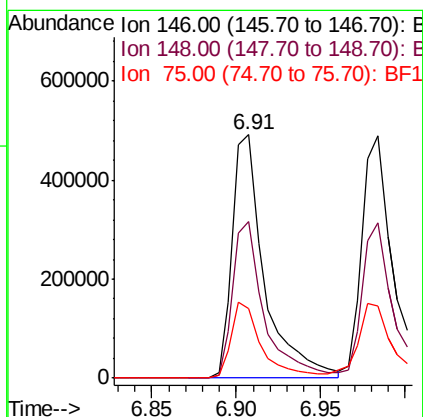
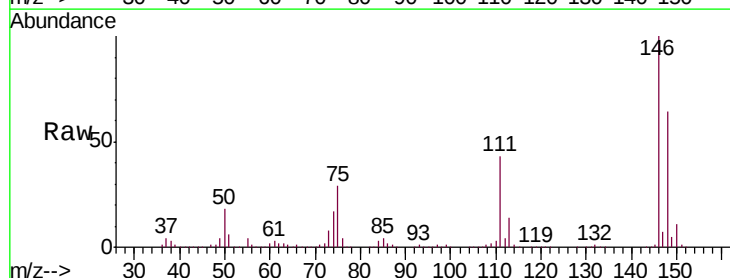
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

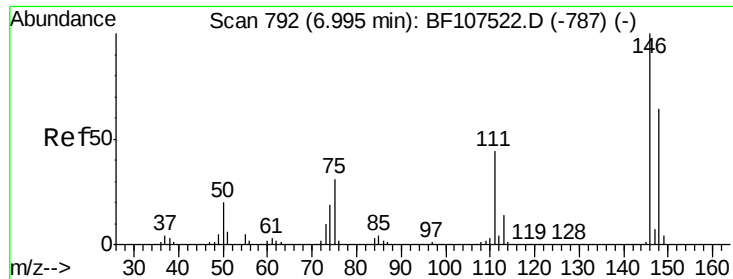
Tgt Ion: 93 Resp: 523654
 Ion Ratio Lower Upper
 93 100
 63 86.1 58.6 98.6
 95 32.7 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 41.853 ng
 RT: 6.91 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion: 146 Resp: 652764
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 75 28.6 24.2 36.4

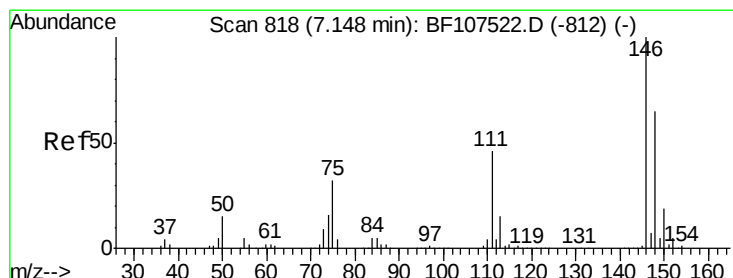
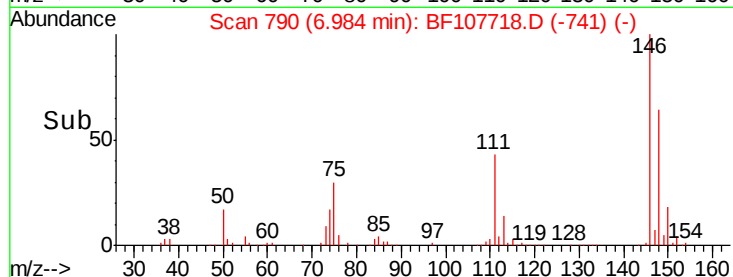
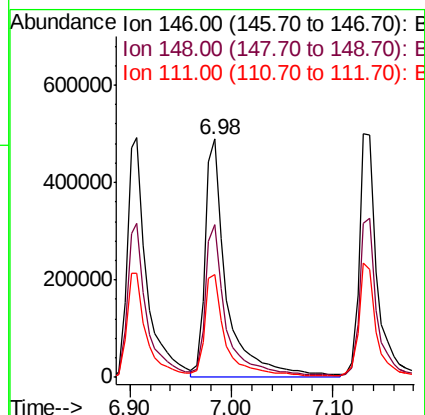
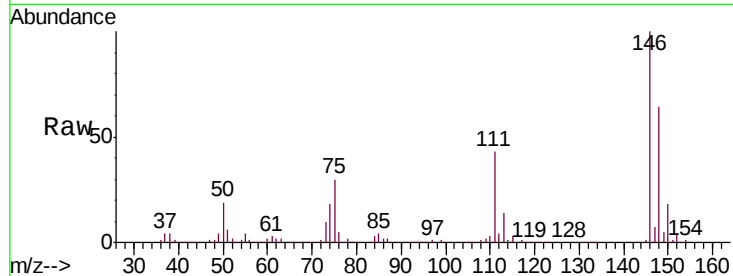




#13
 1,4-Dichlorobenzene
 Concen: 44.813 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

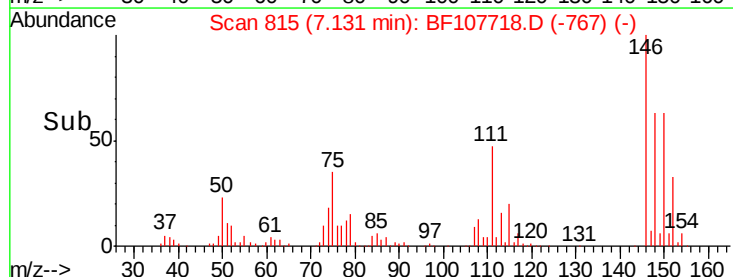
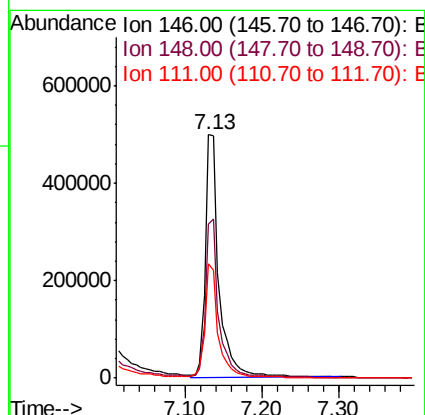
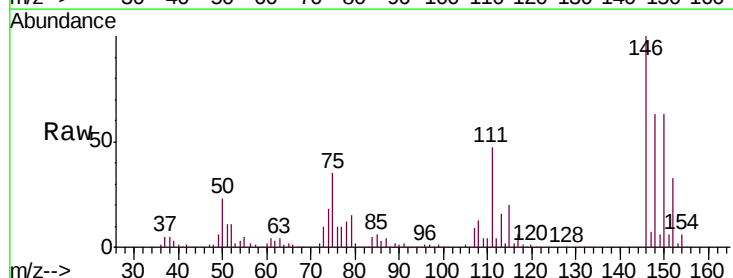
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

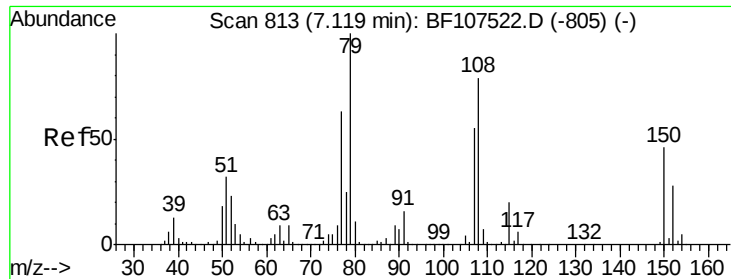
Tgt Ion:146 Resp: 716375
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 43.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.066 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:146 Resp: 617821
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 47.1 36.0 54.0

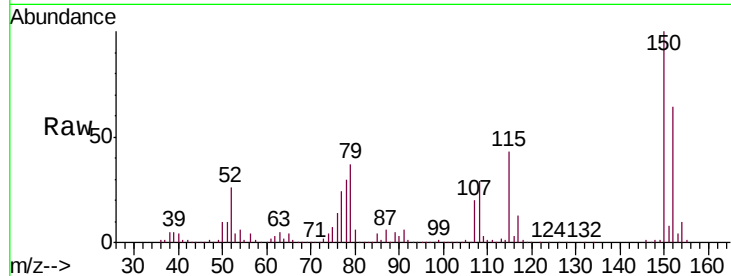




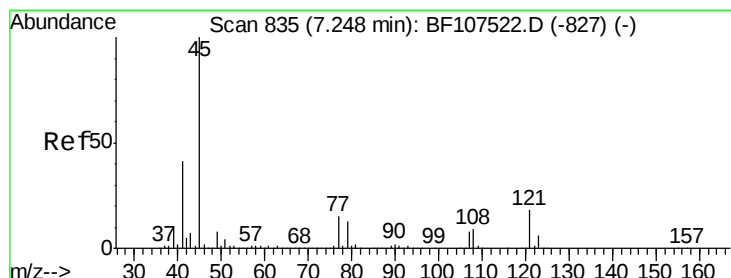
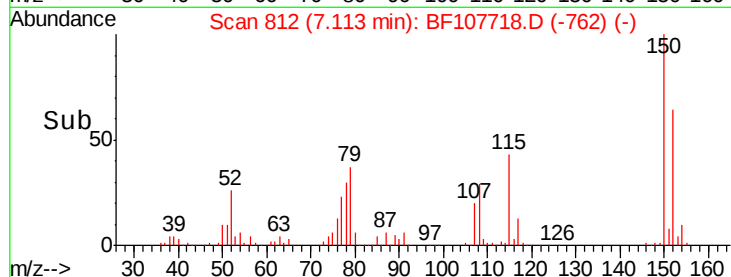
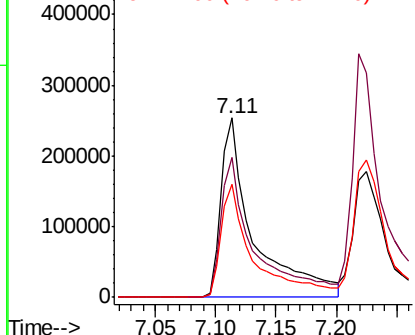
#15
Benzyl Alcohol
Concen: 45.165 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleID :
SP-4MS

Tgt Ion: 79 Resp: 474577
Ion Ratio Lower Upper
79 100
108 78.0 65.1 97.7
77 63.2 50.6 75.8

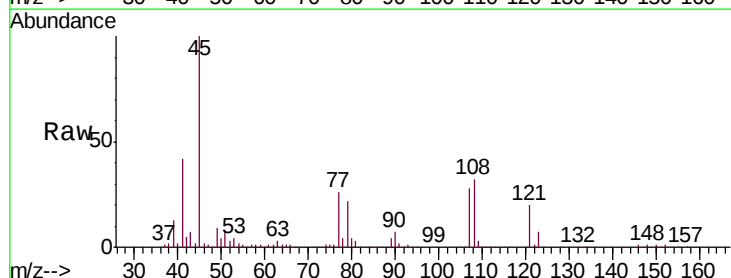


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

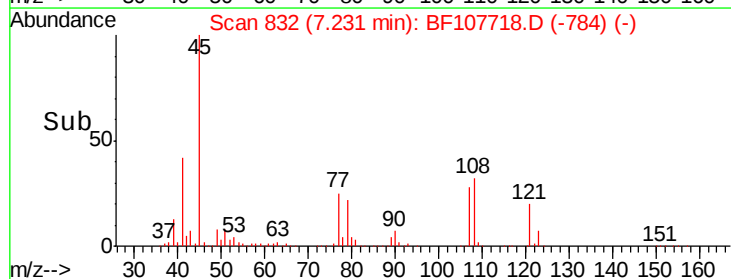
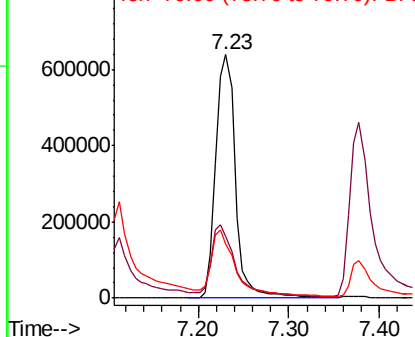


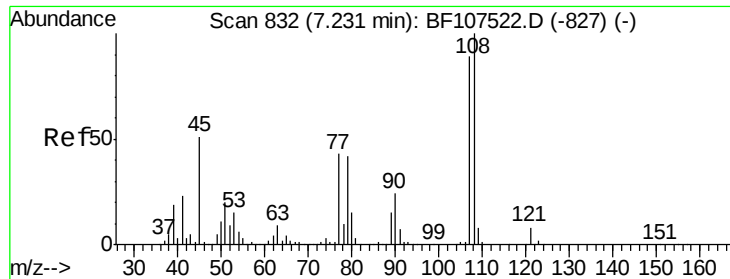
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.835 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion: 45 Resp: 959521
Ion Ratio Lower Upper
45 100
77 25.6 0.0 32.9
79 22.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

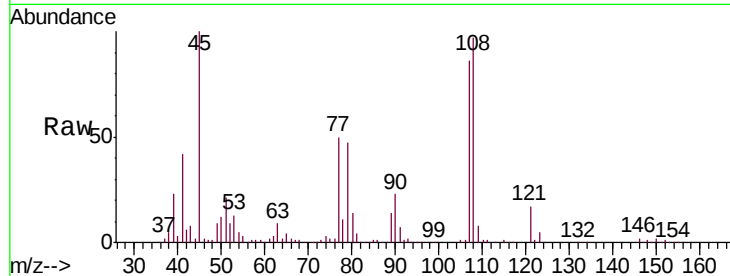




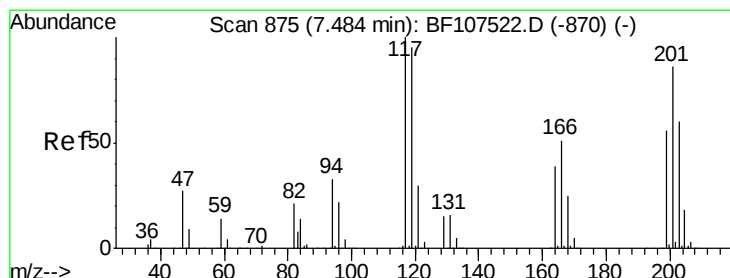
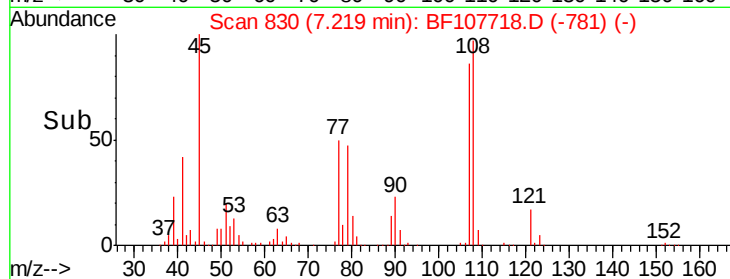
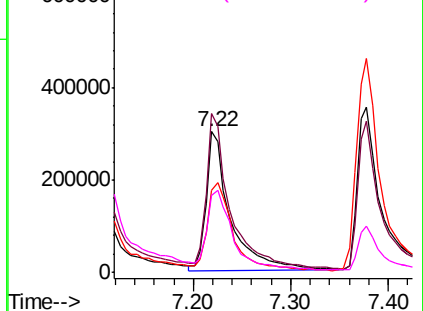
#17
2-Methylphenol
Concen: 44.170 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:107 Resp: 516439
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 58.6 33.8 50.8#
79 54.4 33.8 50.8#

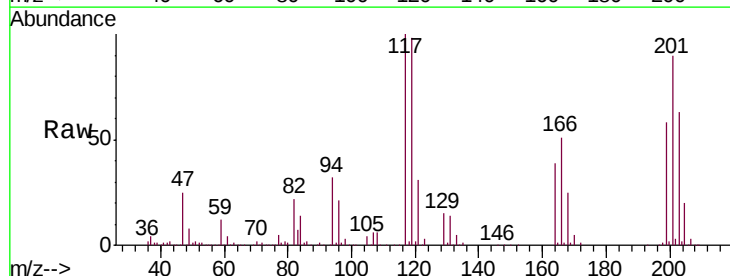


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

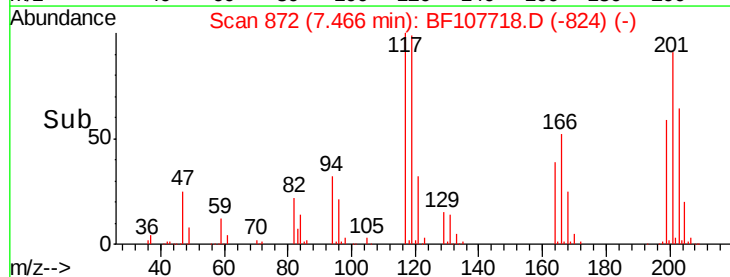
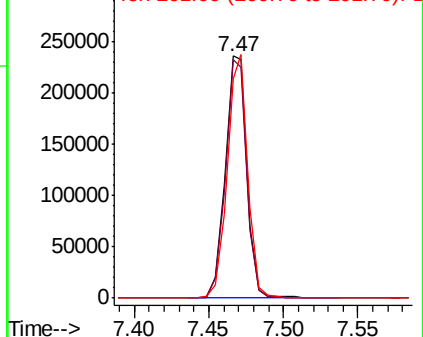


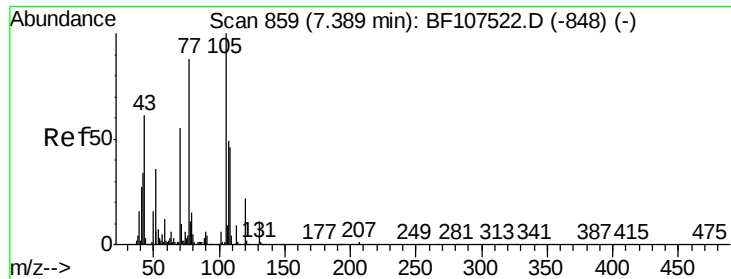
#18
Hexachloroethane
Concen: 43.077 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:117 Resp: 241529
Ion Ratio Lower Upper
117 100
119 98.3 75.8 113.8
201 90.4 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

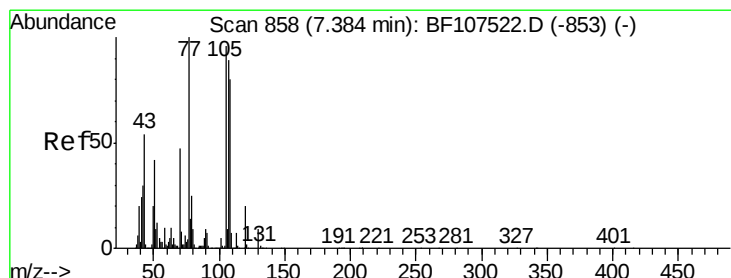
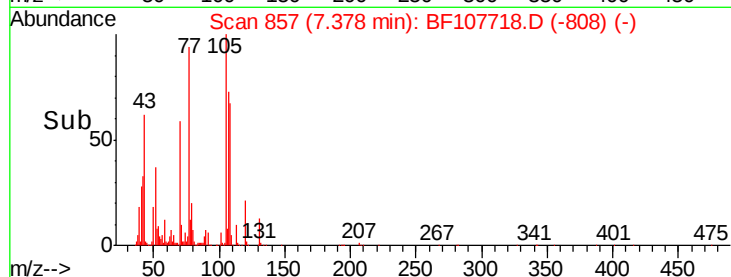
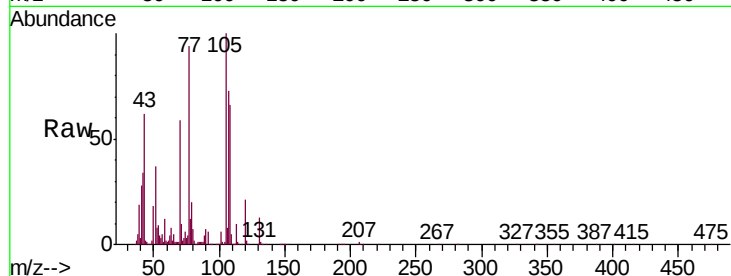
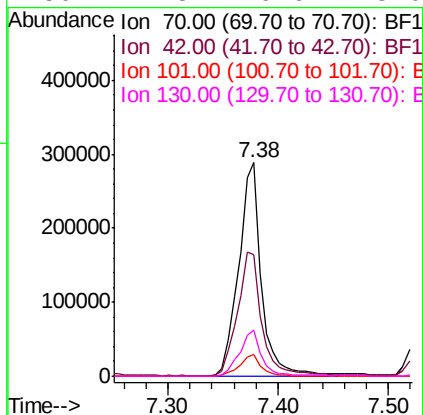




#19
n-Nitroso-di-n-propylamine
Concen: 42.268 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

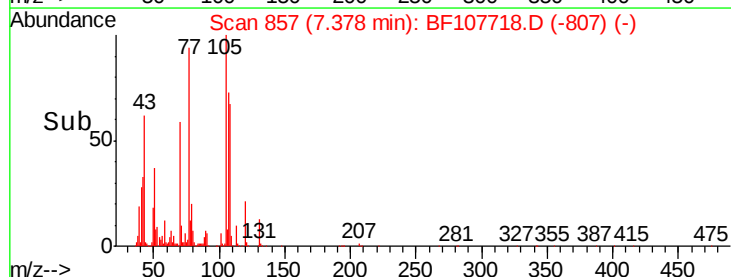
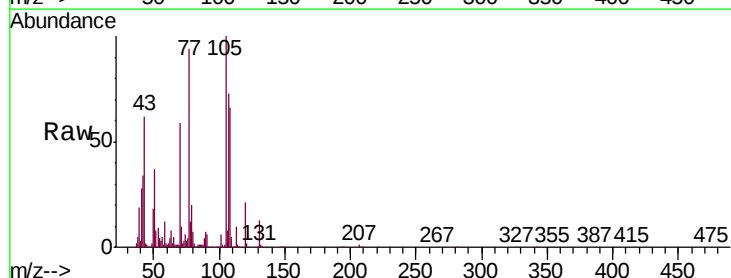
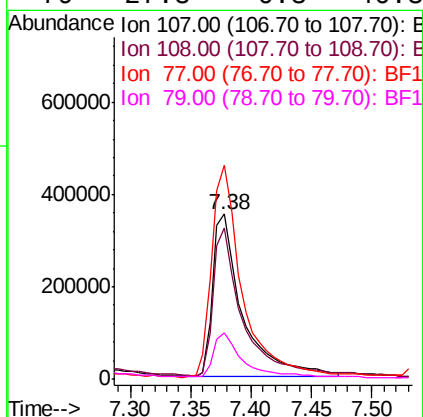
Instrument :
BNA_F
ClientSampleId :
SP-4MS

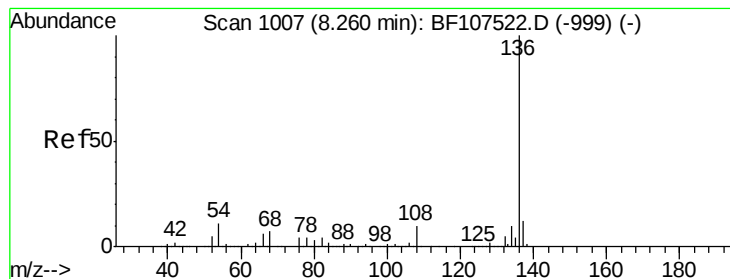
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.5	71.3
101	10.1	7.4	11.2
130	21.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.409 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	129.5	26.7	66.7#
79	27.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampled :

SP-4MS

Tgt Ion:136 Resp: 823090

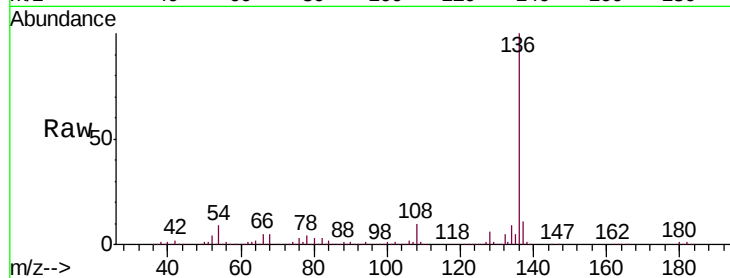
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.7 6.6 9.8

68 5.2 5.0 7.4

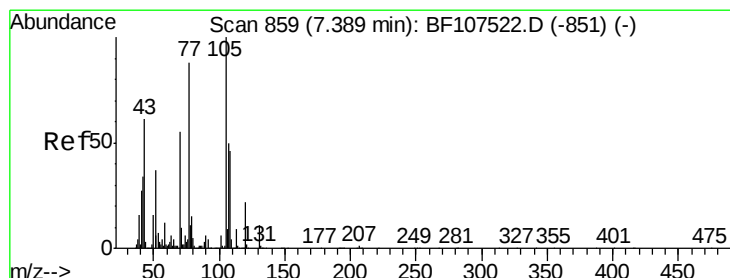
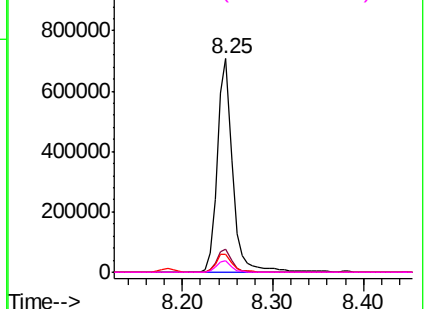
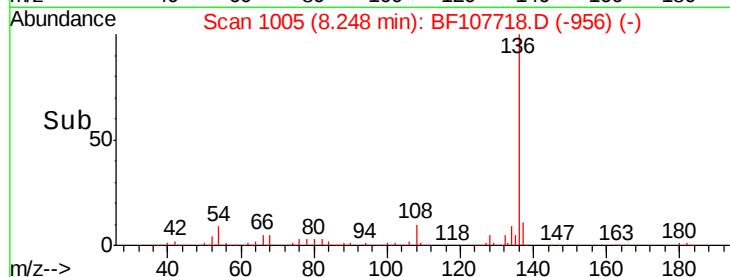


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.494 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Tgt Ion:105 Resp: 898748

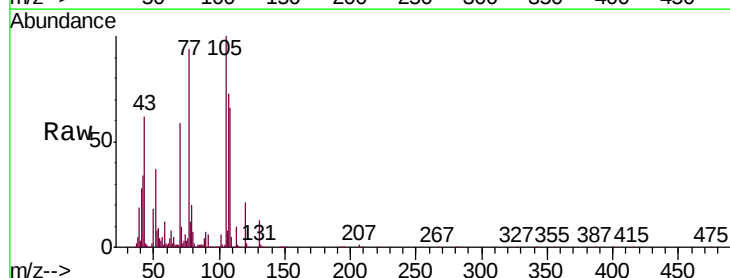
Ion Ratio Lower Upper

105 100

71 9.7 4.4 6.6#

51 37.4 22.3 33.5#

120 20.9 16.9 25.3

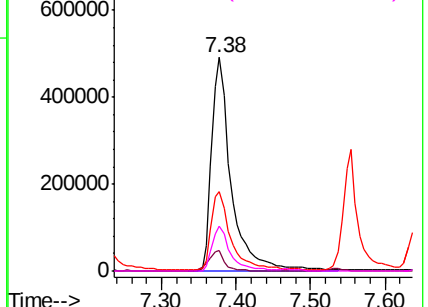
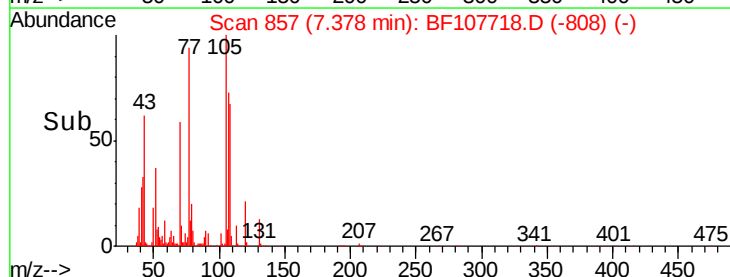


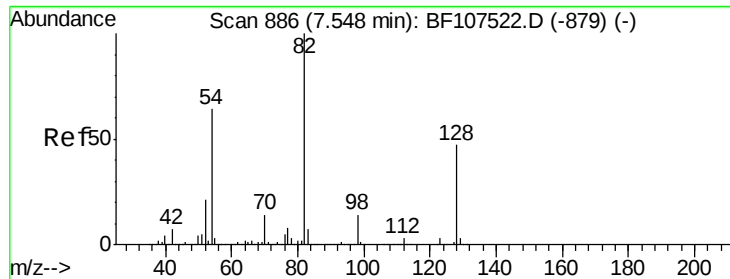
Abundance Ion 105.00 (104.70 to 105.70): E

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

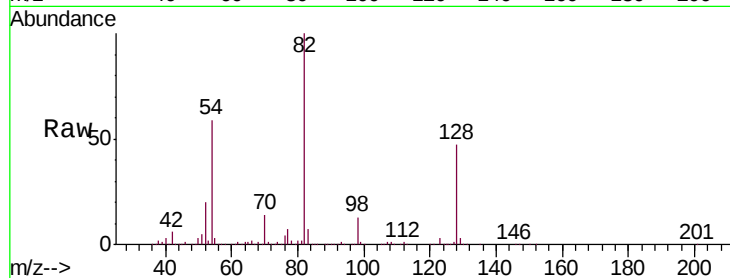




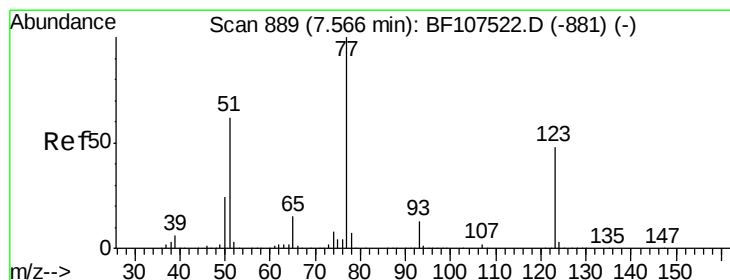
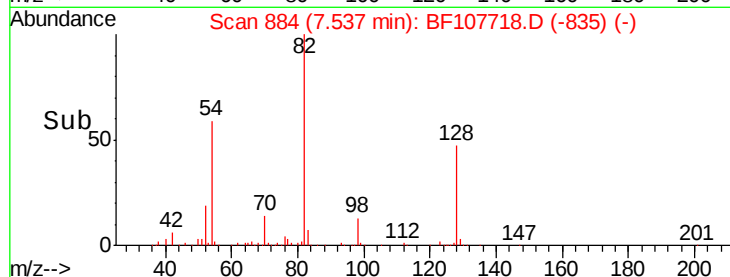
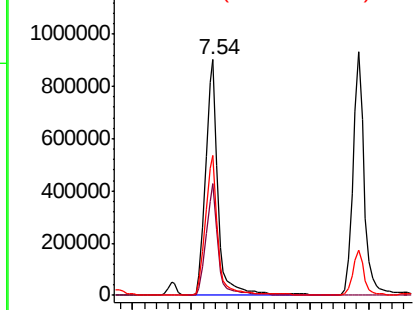
#23
Nitrobenzene-d5
Concen: 108.296 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion: 82 Resp: 1320791
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 59.4 41.4 62.2

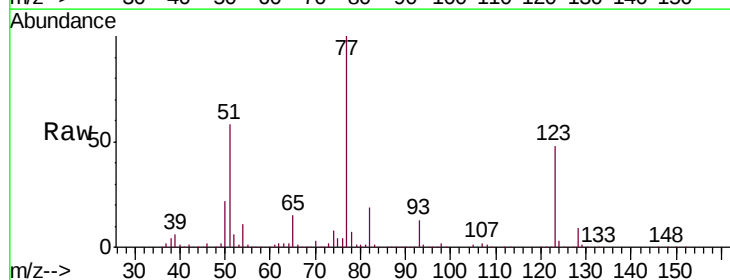


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

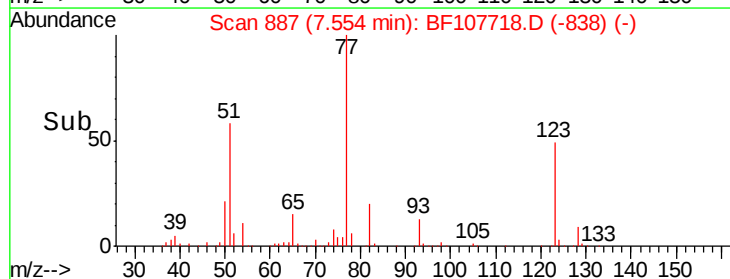
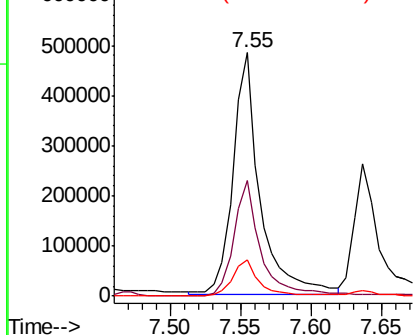


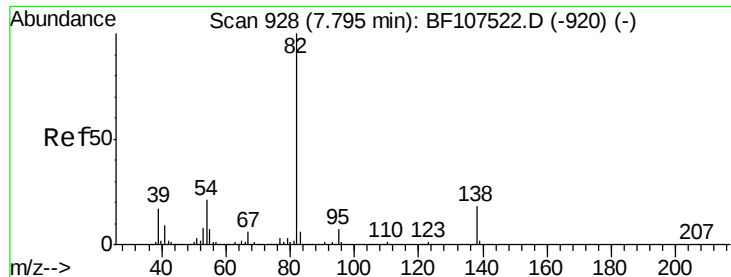
#24
Nitrobenzene
Concen: 45.779 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion: 77 Resp: 639487
Ion Ratio Lower Upper
77 100
123 47.6 37.9 56.9
65 14.8 11.0 16.4



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





#25

Isophorone

Concen: 48.313 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

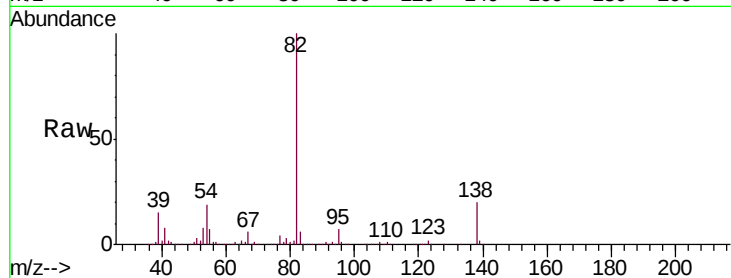
Tgt Ion: 82 Resp: 1258125

Ion Ratio Lower Upper

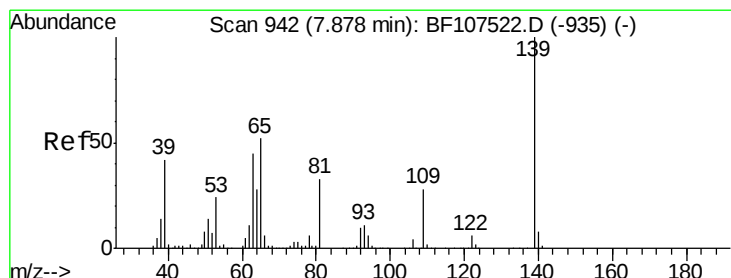
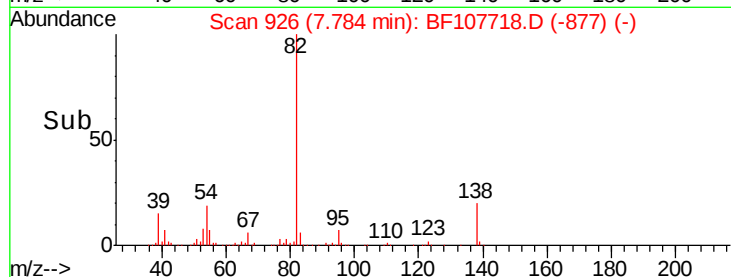
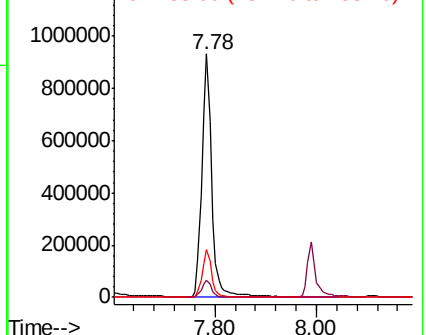
82 100

95 6.9 5.2 7.8

138 19.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 61.653 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

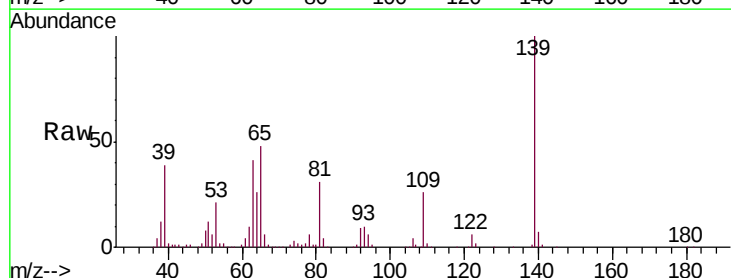
Tgt Ion: 139 Resp: 363696

Ion Ratio Lower Upper

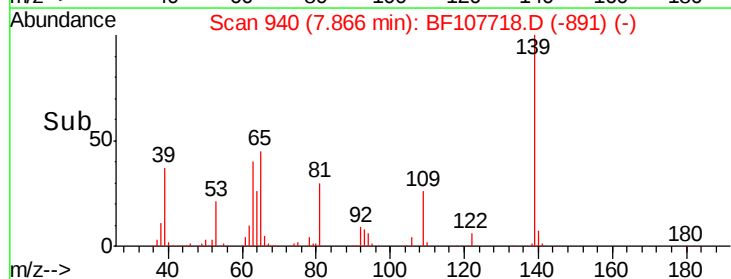
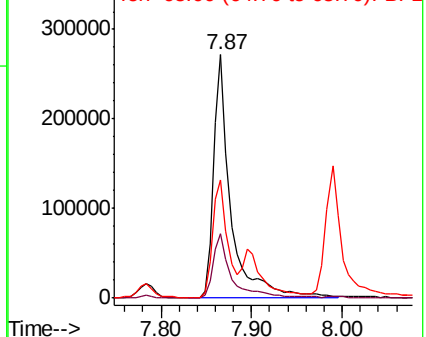
139 100

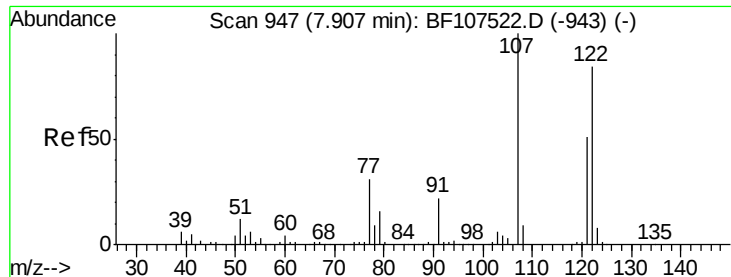
109 26.4 22.7 34.1

65 48.4 40.5 60.7



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

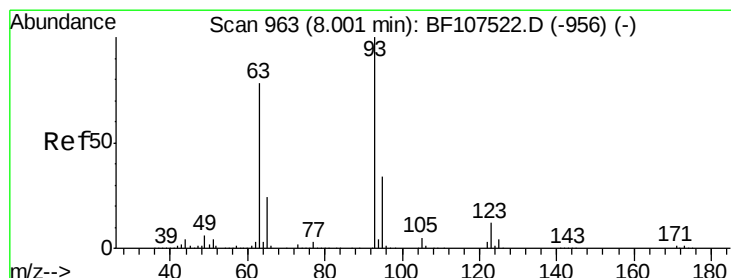
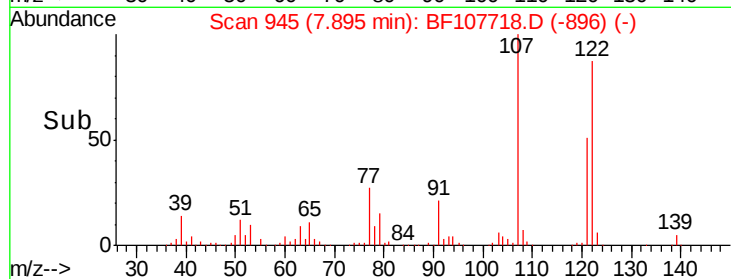
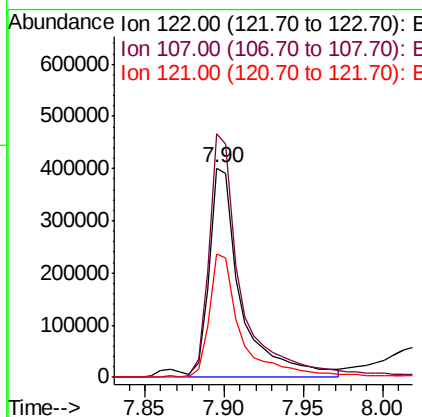
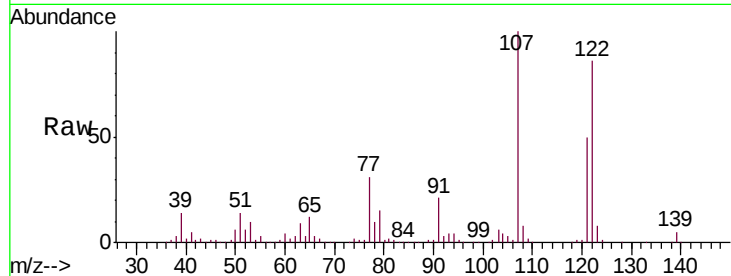




#27
 2,4-Dimethylphenol
 Concen: 50.120 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

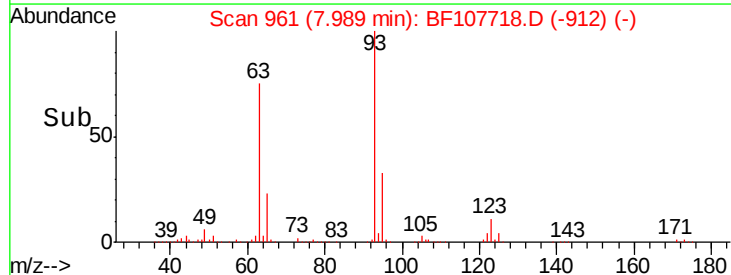
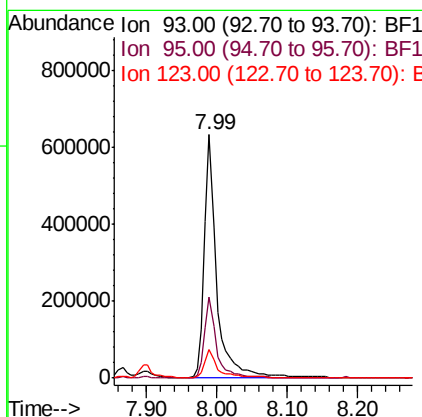
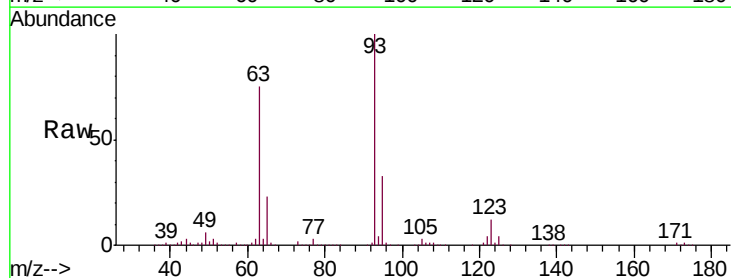
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

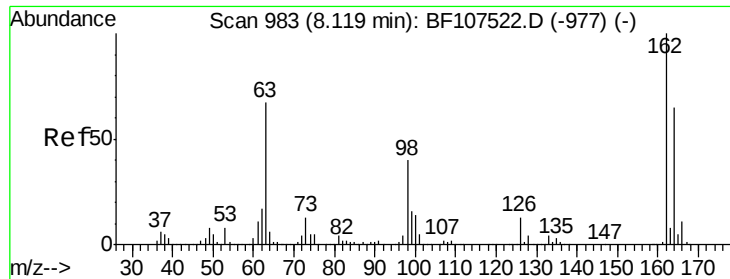
Tgt Ion:122 Resp: 559648
 Ion Ratio Lower Upper
 122 100
 107 116.4 91.2 136.8
 121 58.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.135 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion: 93 Resp: 768077
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.3 39.5
 123 11.8 9.8 14.6

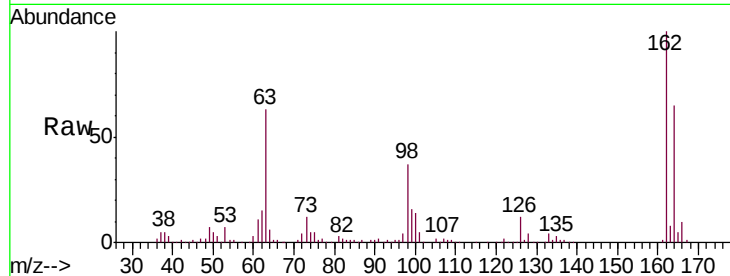




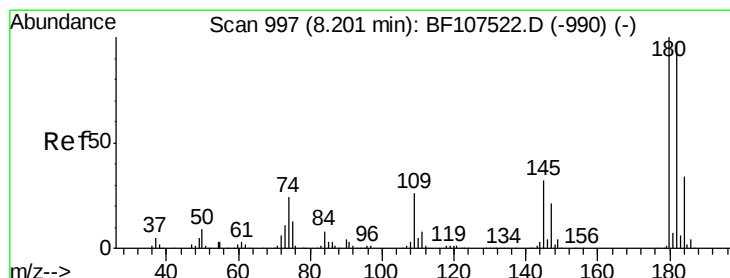
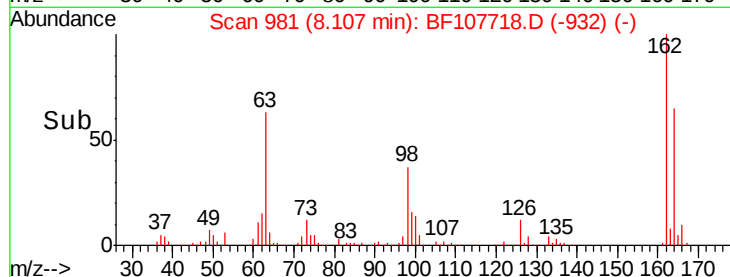
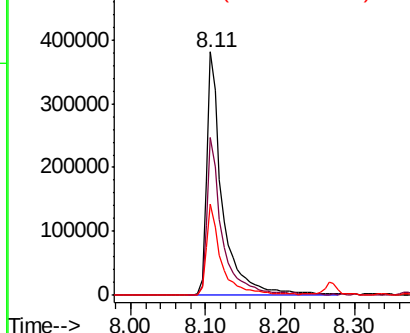
#29
2,4-Dichlorophenol
Concen: 49.220 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:162 Resp: 561746
Ion Ratio Lower Upper
162 100
164 65.0 42.7 82.7
98 37.4 18.1 58.1

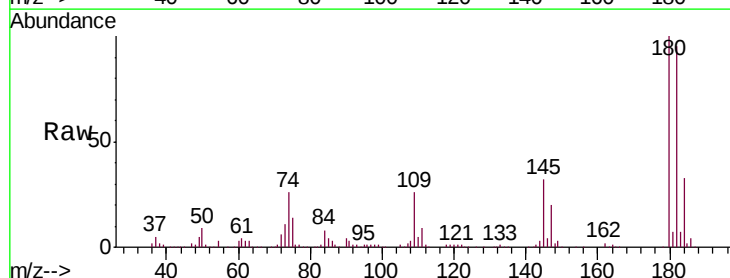


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

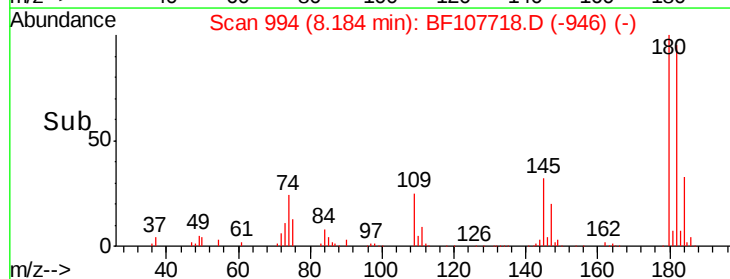
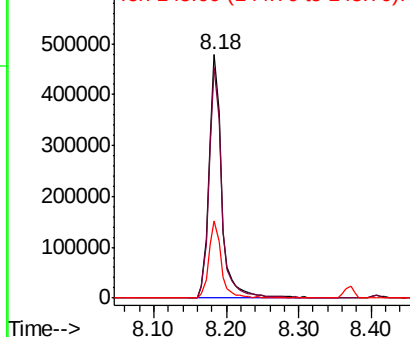


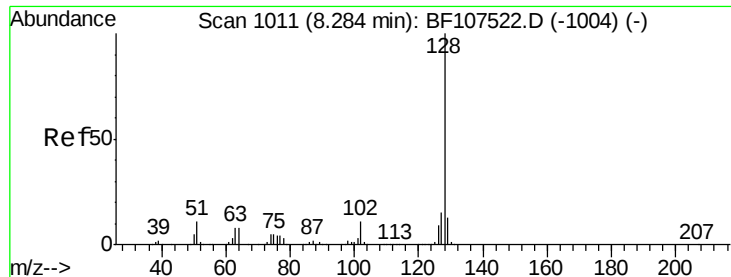
#30
1,2,4-Trichlorobenzene
Concen: 45.246 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:180 Resp: 580000
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 31.8 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

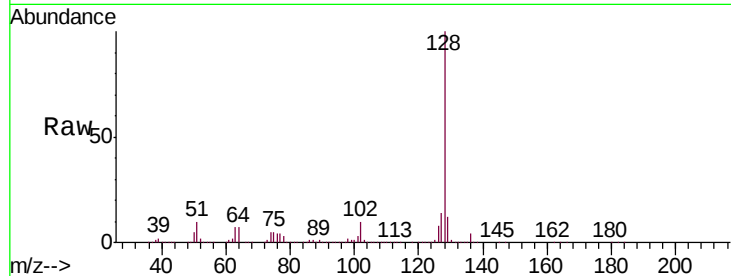




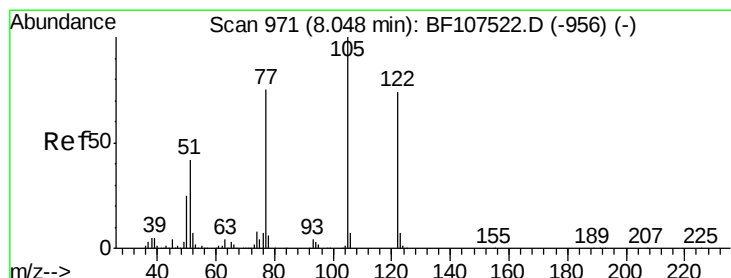
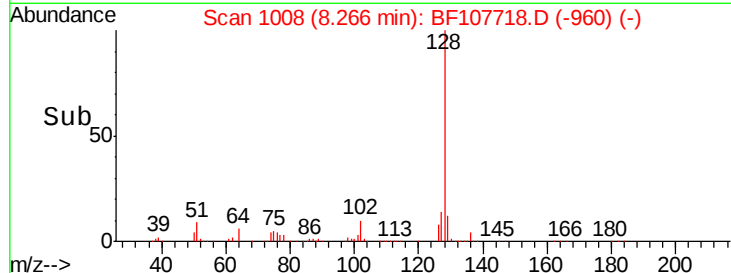
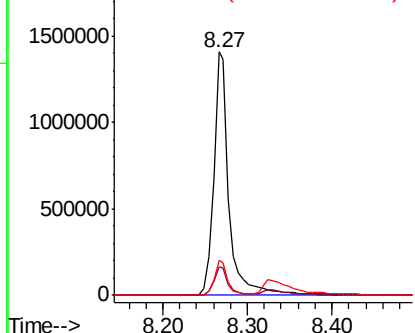
#31
Naphthalene
Concen: 49.881 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:128 Resp: 1805441
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.2 10.9 16.3

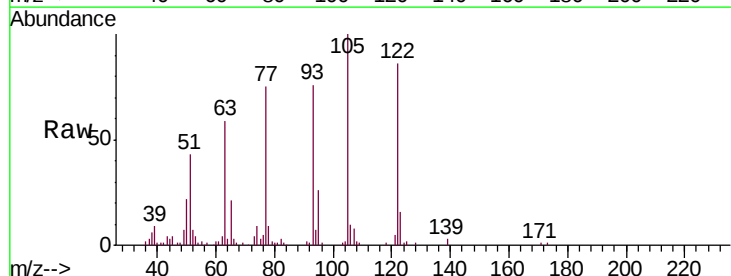


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

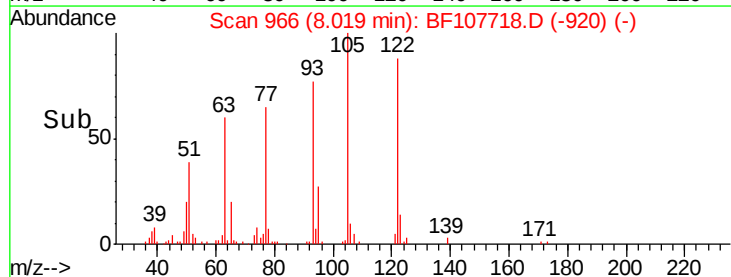
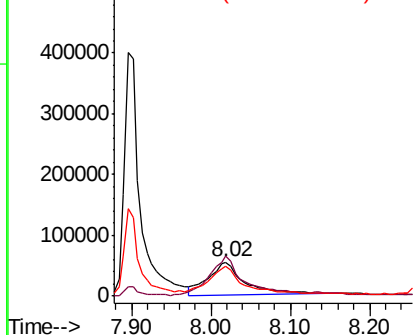


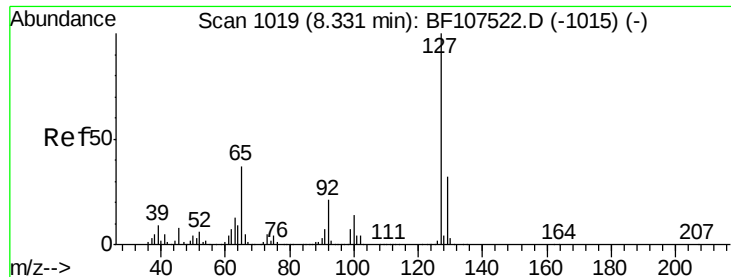
#32
Benzoic acid
Concen: 26.304 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:122 Resp: 171733
Ion Ratio Lower Upper
122 100
105 116.7 101.1 141.1
77 87.7 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

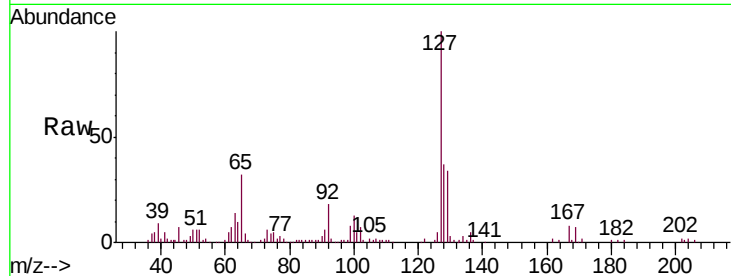




#33
4-Chloroaniline
Concen: 15.587 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:	127	Resp:	246583
Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.9	38.9
65	32.2	25.0	37.4
92	17.6	15.2	22.8



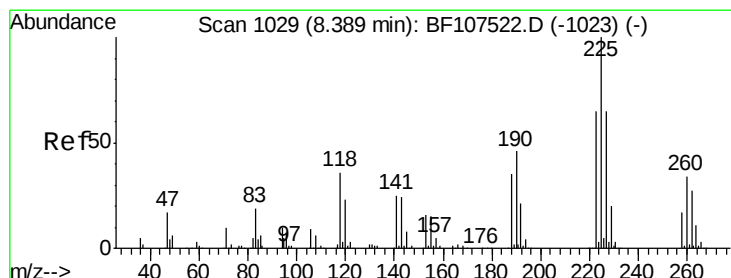
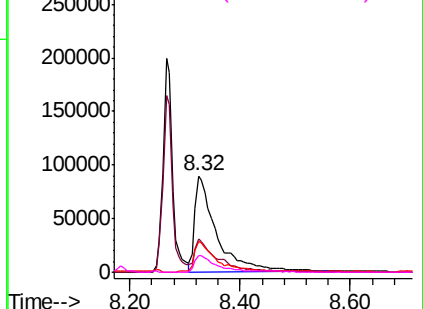
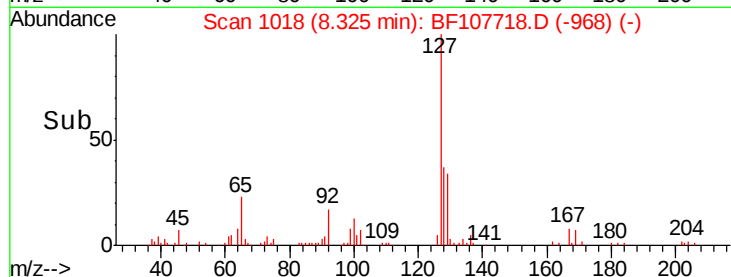
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

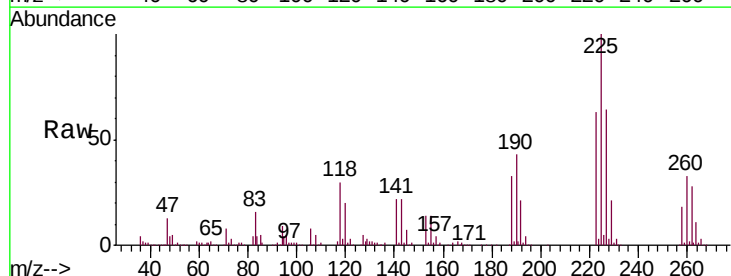
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 44.023 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:	225	Resp:	335322
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.9	51.9	77.9

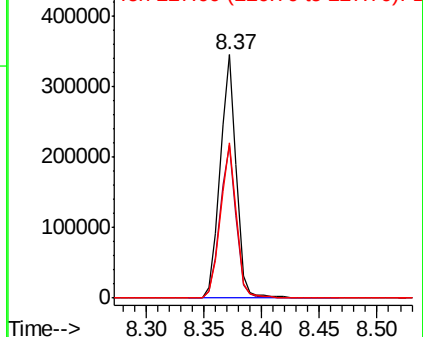
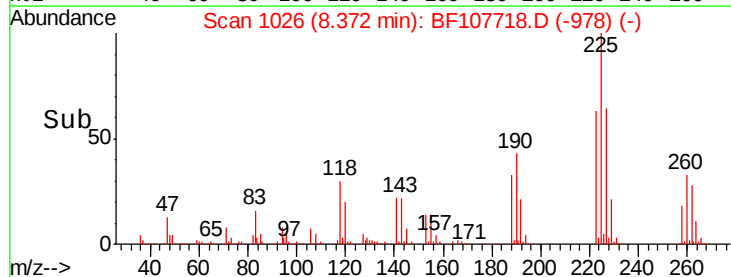


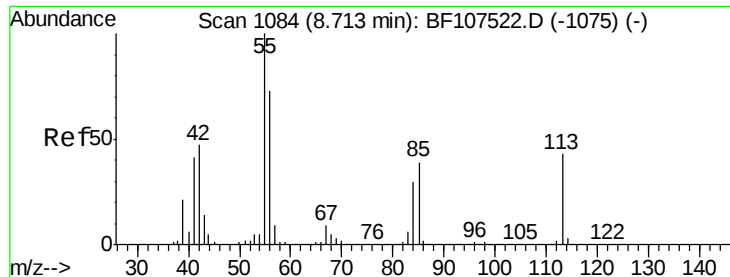
Abundance

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: 38.617 ng

RT: 8.70 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleID :

SP-4MS

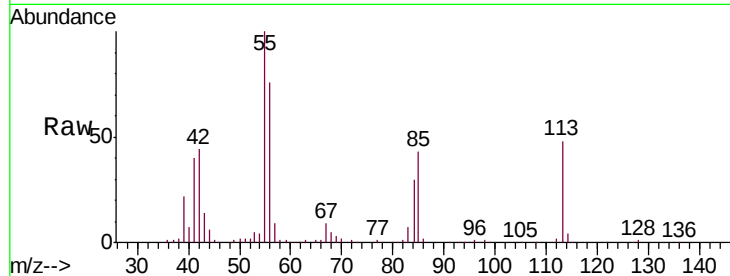
Tgt Ion:113 Resp: 143354

Ion Ratio Lower Upper

113 100

55 207.3 163.3 203.3#

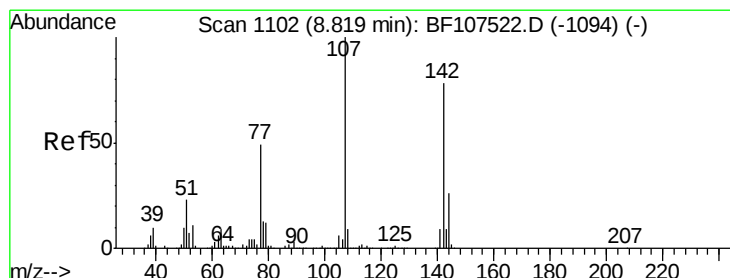
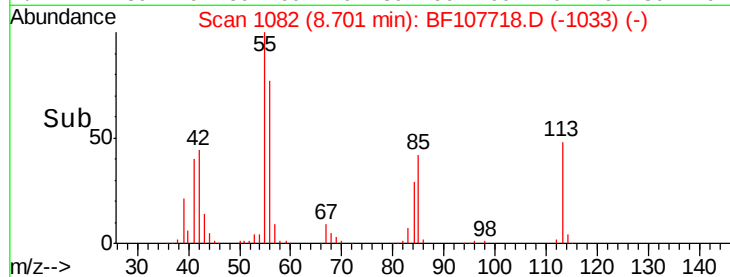
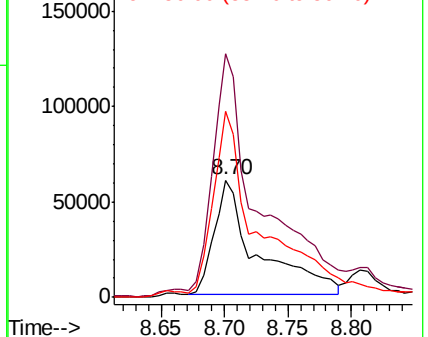
56 158.0 115.7 155.7#



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: 48.121 ng

RT: 8.81 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

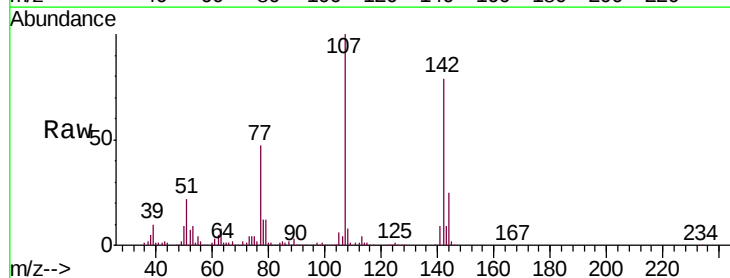
Tgt Ion:107 Resp: 610069

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

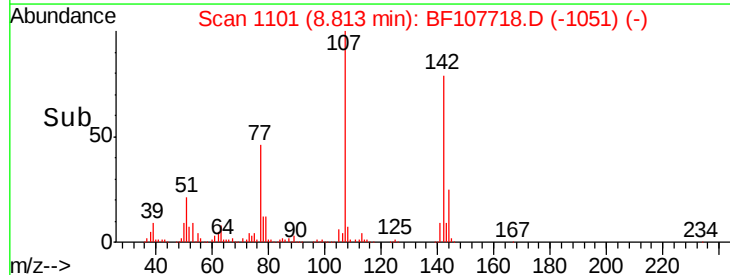
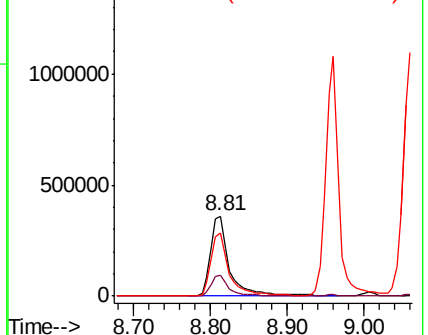
142 78.7 62.0 93.0

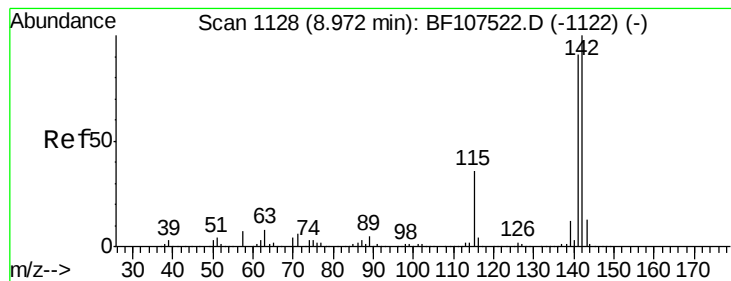


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

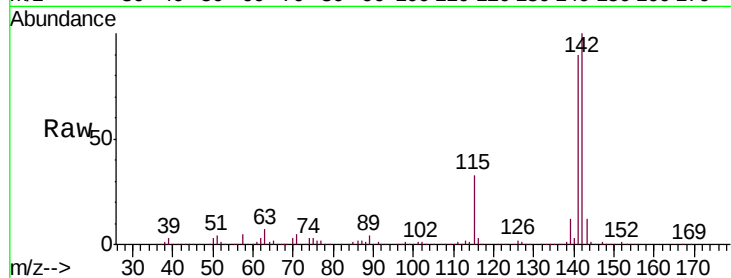




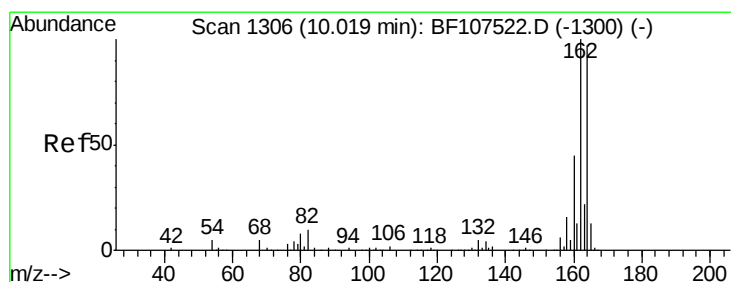
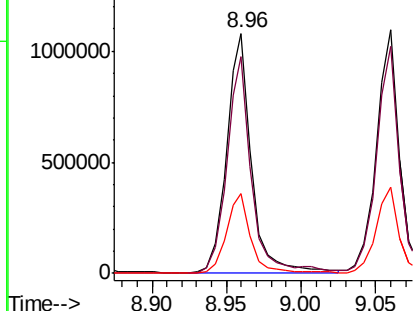
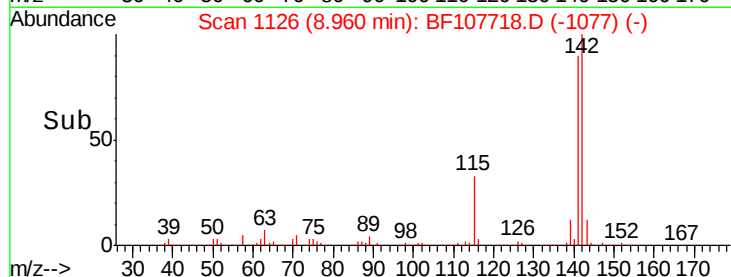
#37
 2-Methylnaphthalene
 Concen: 50.455 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampled :
 SP-4MS

Tgt Ion:142 Resp: 1265480
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.8 106.2
 115 33.4 26.1 39.1

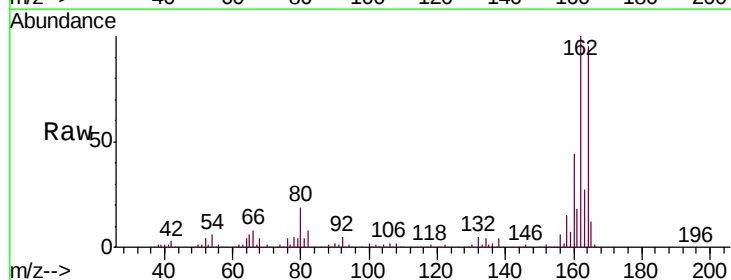


Abundance Ion 142.00 (141.70 to 142.70): E
 1500000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

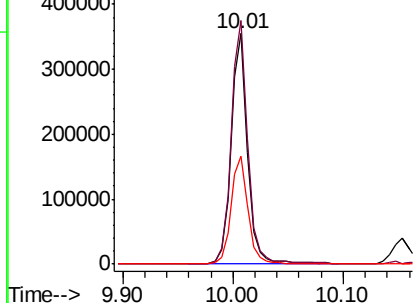
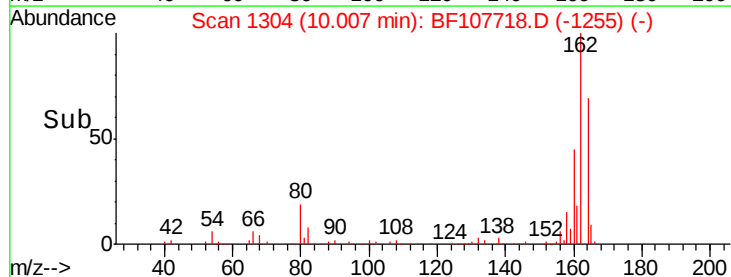


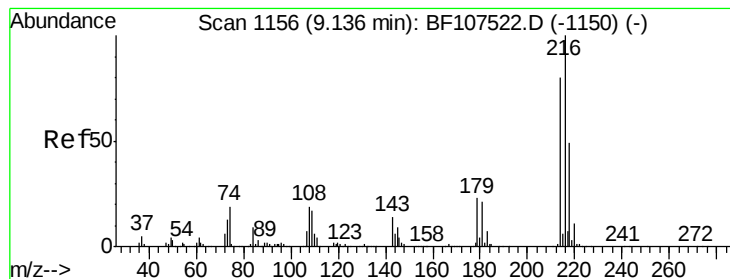
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:164 Resp: 371295
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 46.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 500000 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: 48.538 ng

RT: 9.12 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion:216 Resp: 601104

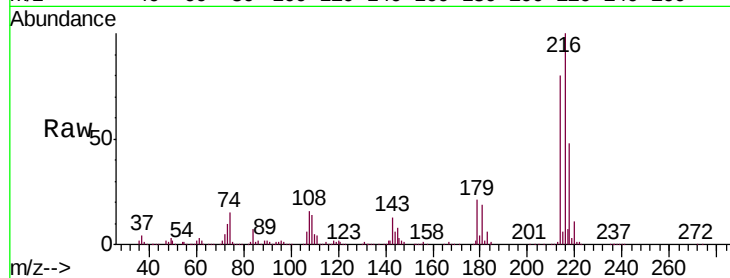
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 21.2 18.1 27.1

108 18.0 17.2 25.8

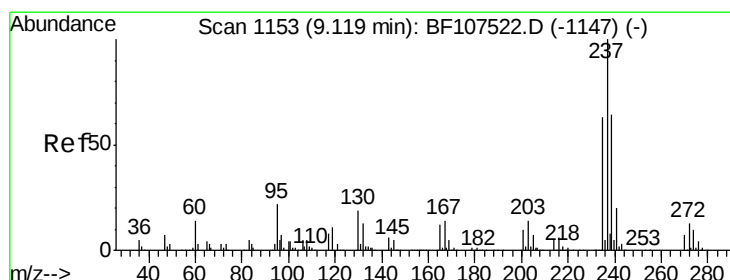
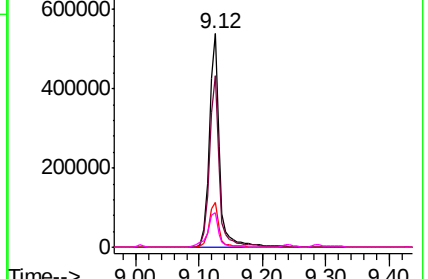
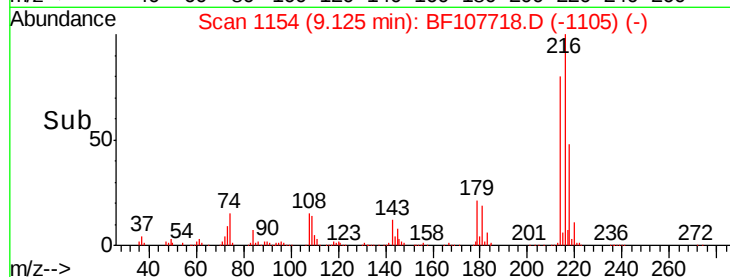


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 53.357 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

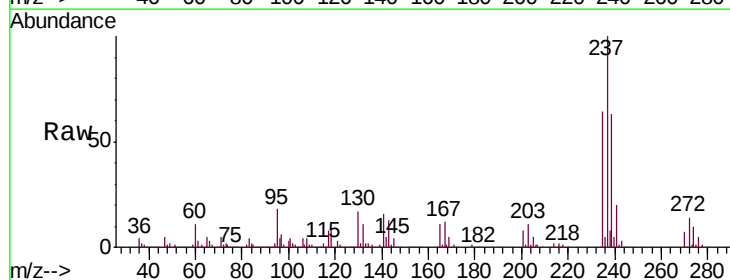
Tgt Ion:237 Resp: 335905

Ion Ratio Lower Upper

237 100

235 63.6 44.8 84.8

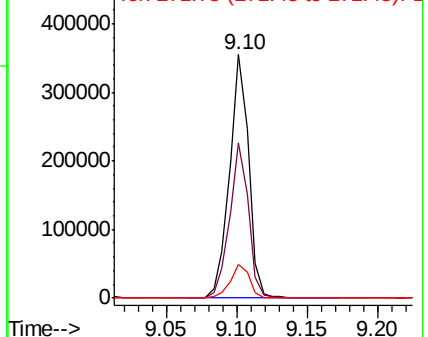
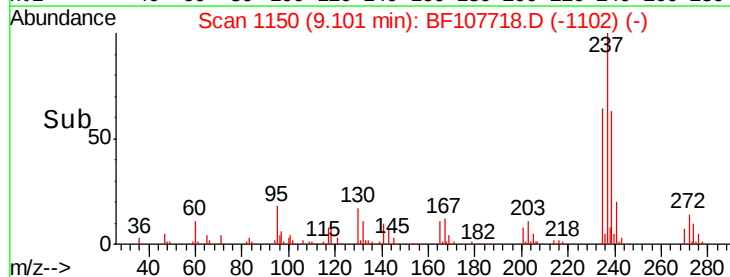
272 13.6 0.0 33.3

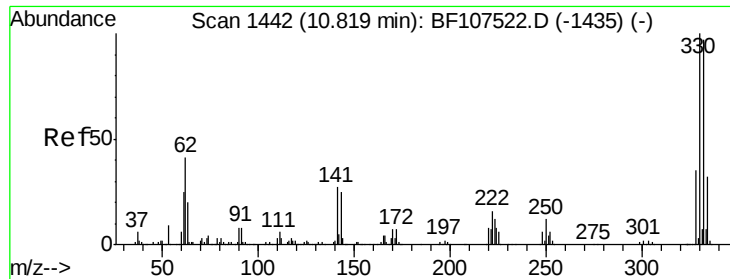


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

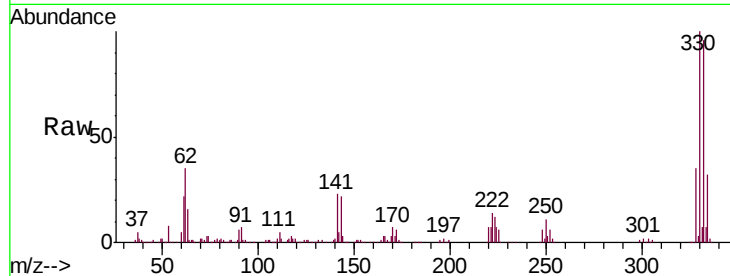




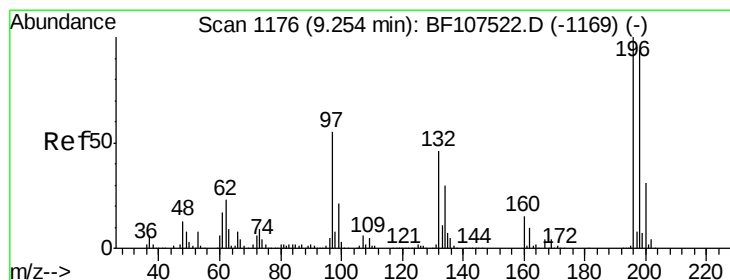
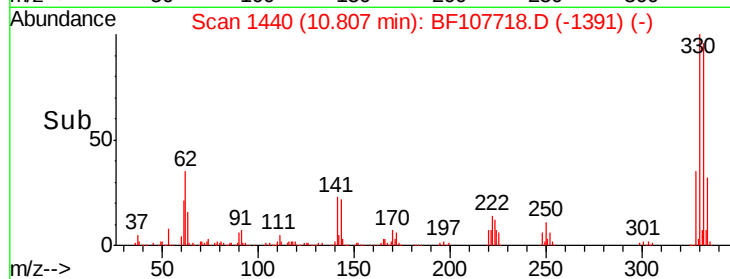
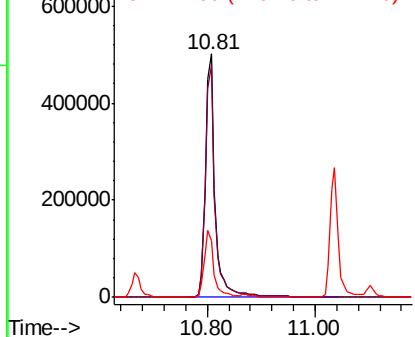
#41
 2,4,6-Tribromophenol
 Concen: 148.755 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion:330 Resp: 628075
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 26.7 29.9 44.9#

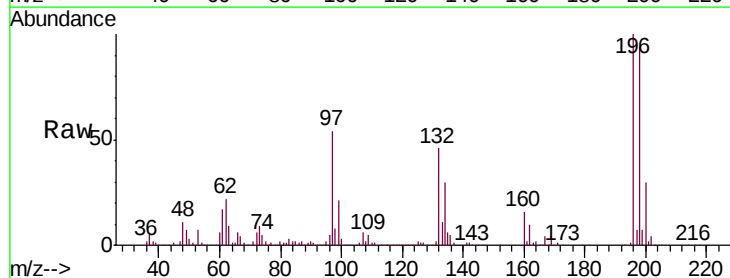


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

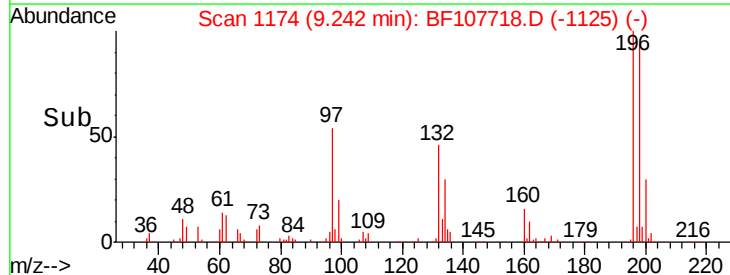
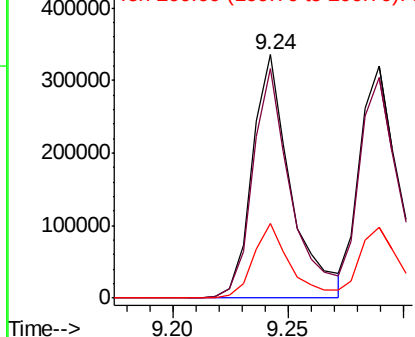


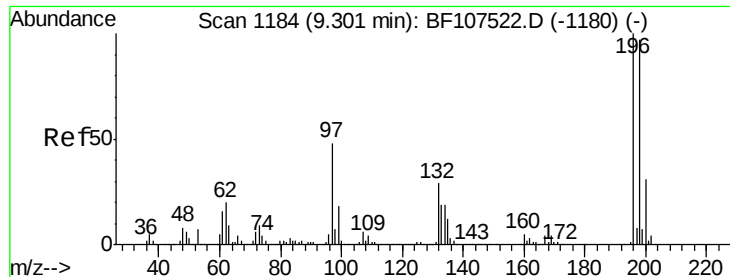
#42
 2,4,6-Trichlorophenol
 Concen: 49.305 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:196 Resp: 390842
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 30.5 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

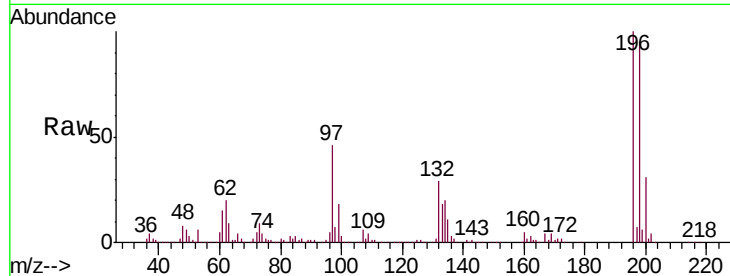




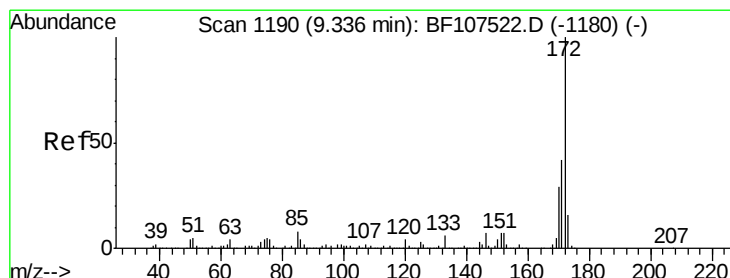
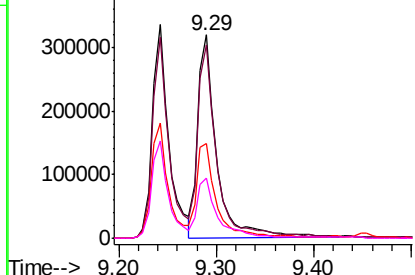
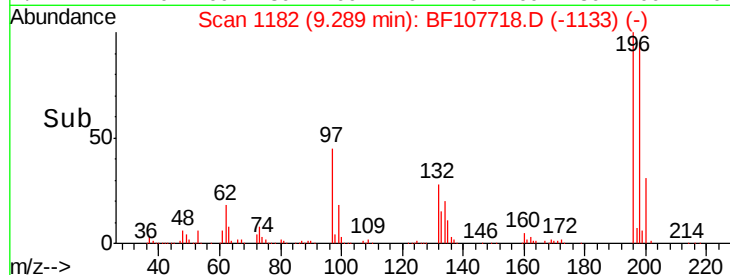
#43
 2,4,5-Trichlorophenol
 Concen: 51.164 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion:196 Resp: 423884
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 97 46.5 42.9 64.3
 132 29.5 26.3 39.5

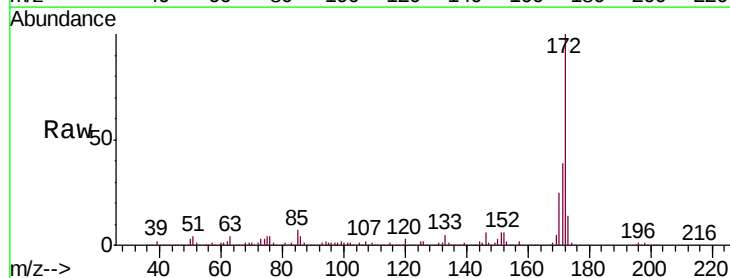


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

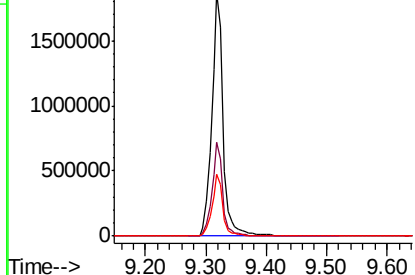
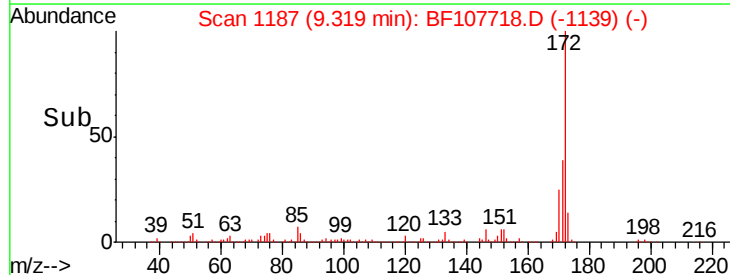


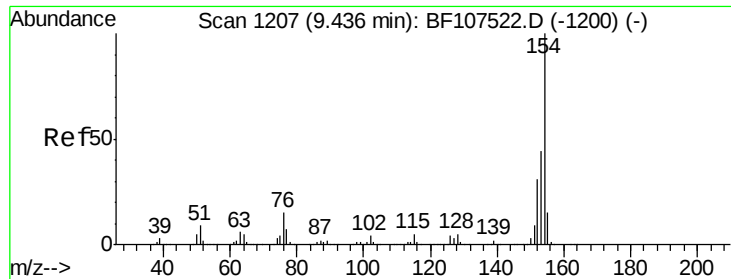
#44
 2-Fluorobiphenyl
 Concen: 129.222 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:172 Resp: 2434622
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.7 44.5
 170 25.5 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

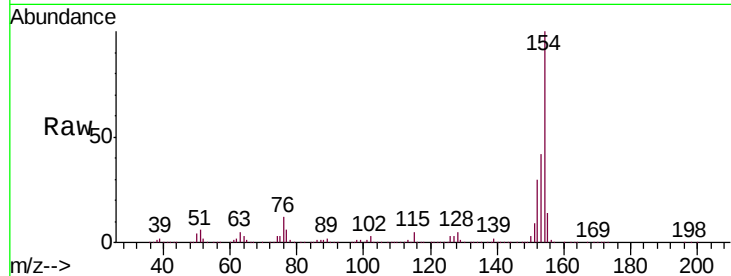




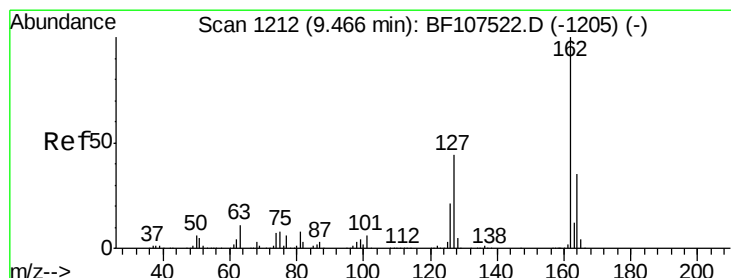
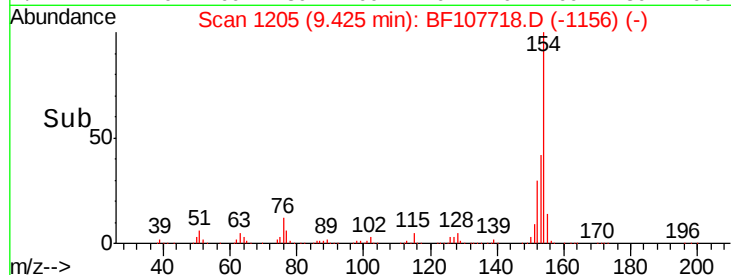
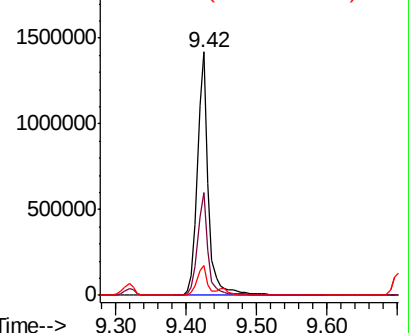
#45
 1,1'-Biphenyl
 Concen: 47.436 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion:154 Resp: 1534266
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.3 61.3
 76 12.0 0.0 34.0

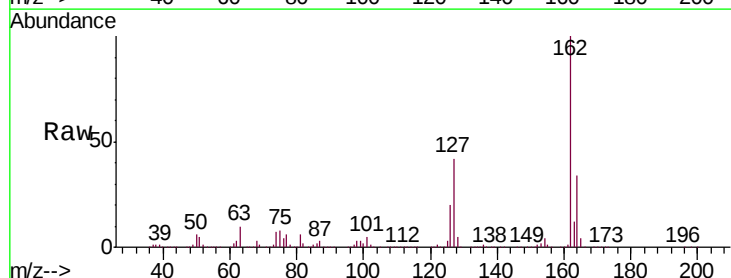


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

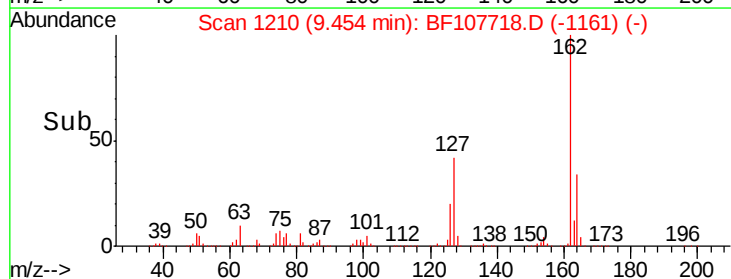
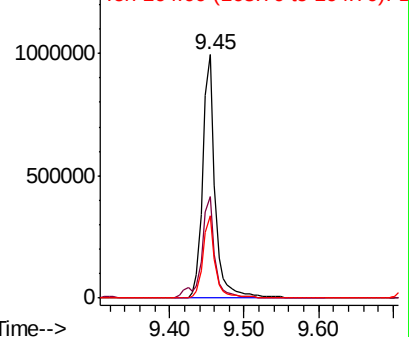


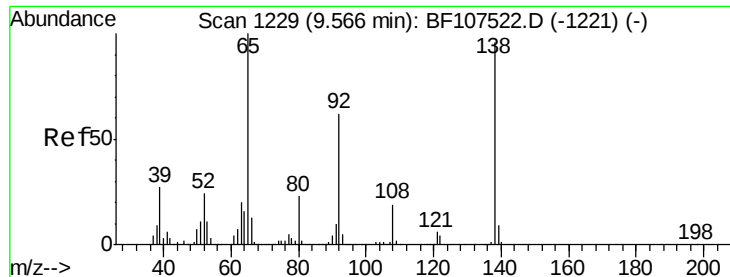
#46
 2-Chloronaphthalene
 Concen: 46.481 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:162 Resp: 1149143
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.9 50.9
 164 33.7 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: 54.413 ng

RT: 9.55 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

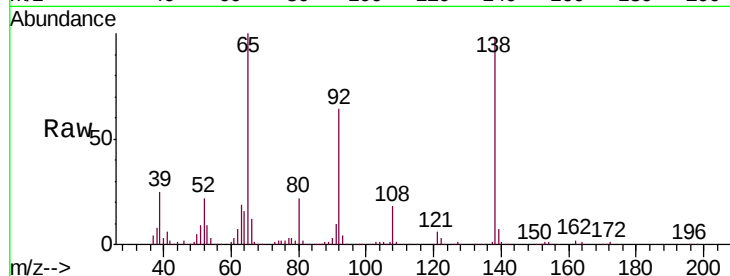
Tgt Ion: 65 Resp: 392187

Ion Ratio Lower Upper

65 100

92 63.8 55.8 83.6

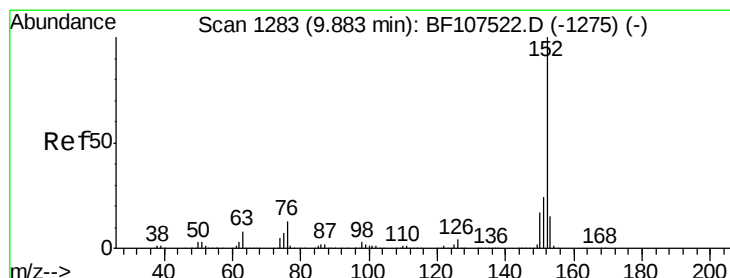
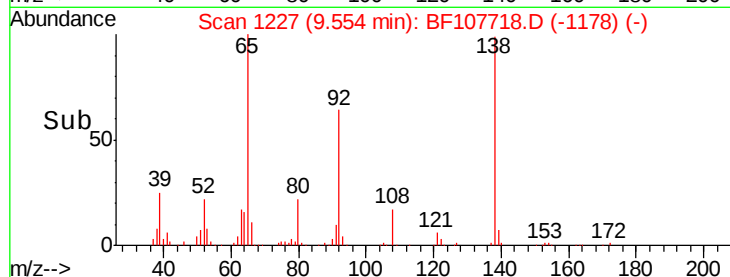
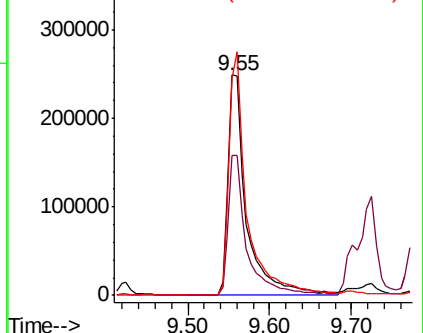
138 98.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 49.639 ng

RT: 9.87 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

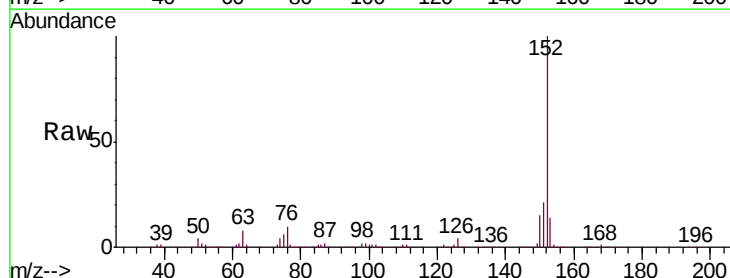
Tgt Ion: 152 Resp: 1843545

Ion Ratio Lower Upper

152 100

151 21.4 16.3 24.5

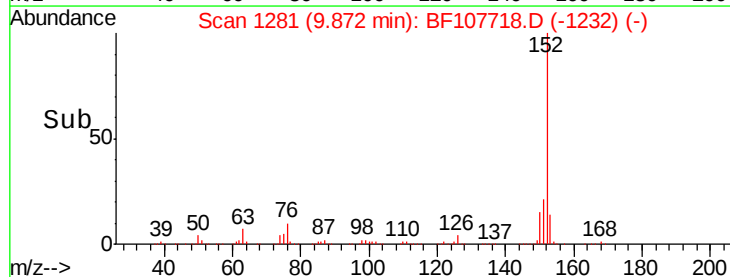
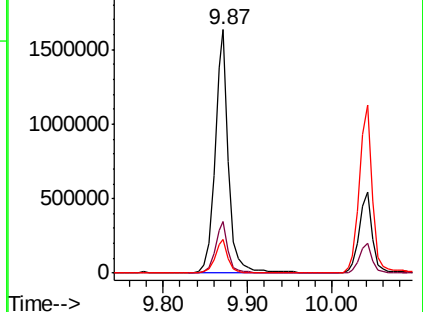
153 14.1 10.7 16.1

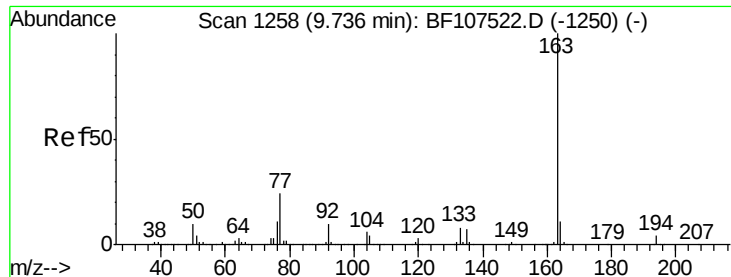


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 51.653 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

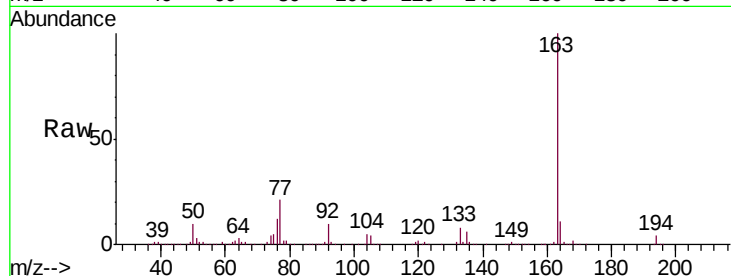
Tgt Ion:163 Resp: 1445425

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

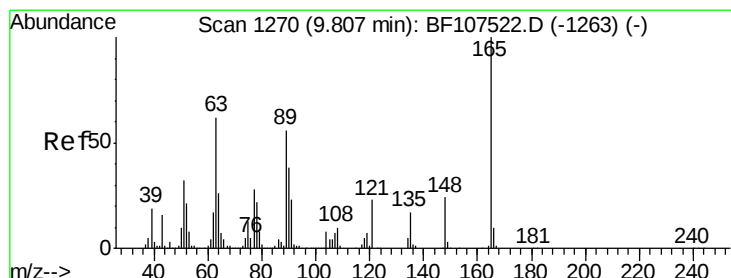
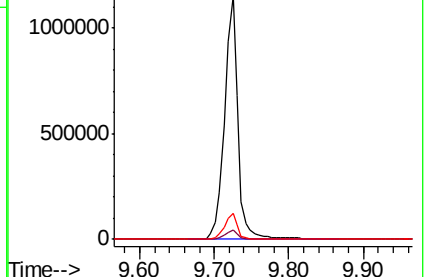
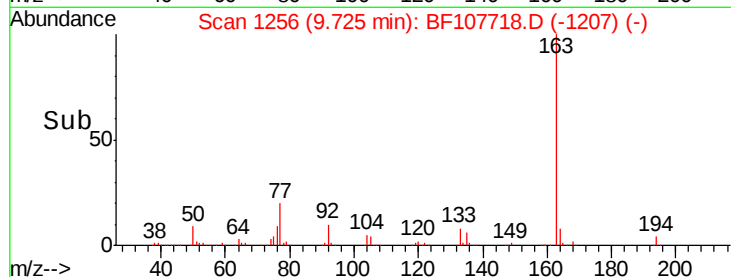
164 10.9 8.2 12.2



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: 53.034 ng

RT: 9.80 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

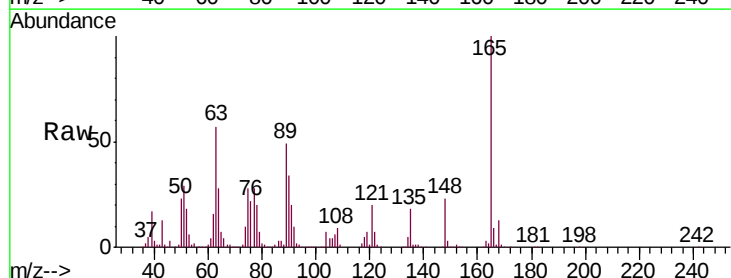
Tgt Ion:165 Resp: 294644

Ion Ratio Lower Upper

165 100

63 57.1 44.7 67.1

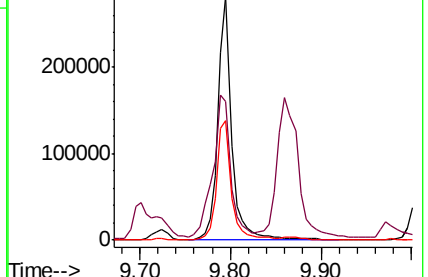
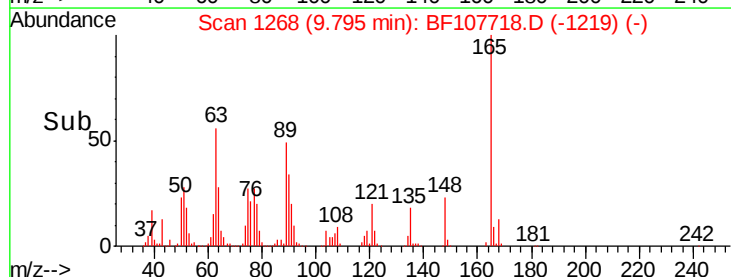
89 49.0 44.0 66.0

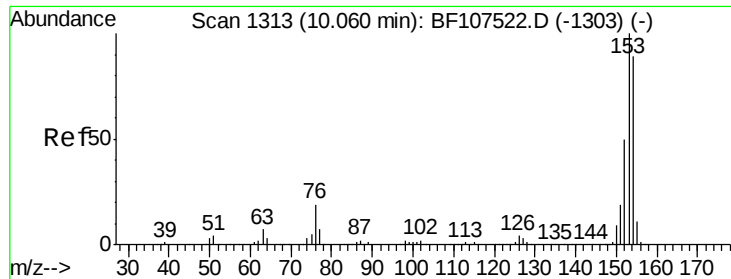


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

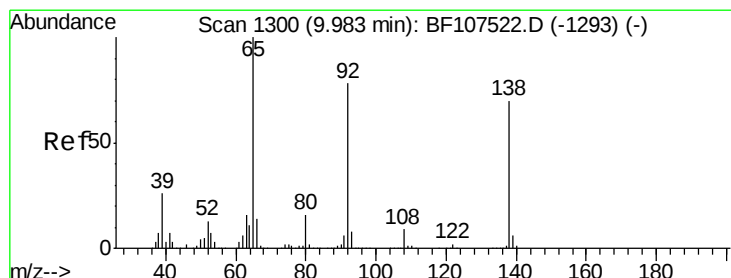
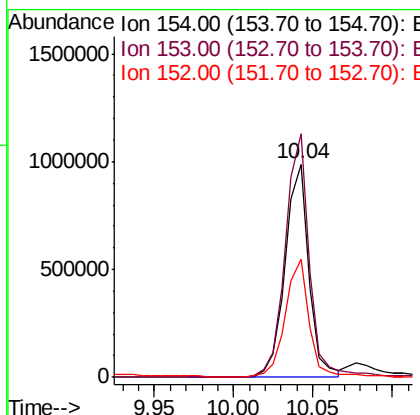
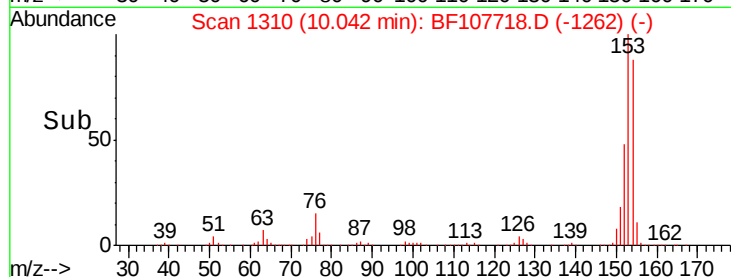
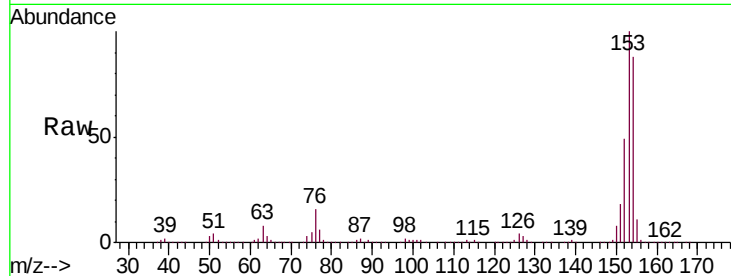




#51
Acenaphthene
Concen: 44.066 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

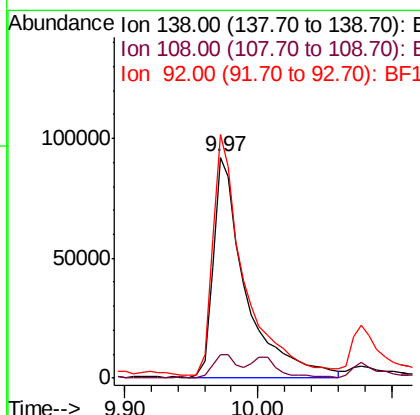
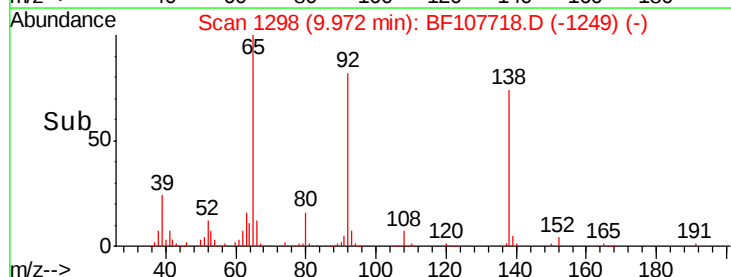
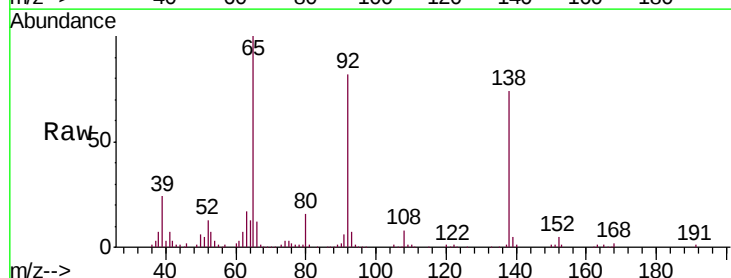
Instrument :
BNA_F
ClientSampleId :
SP-4MS

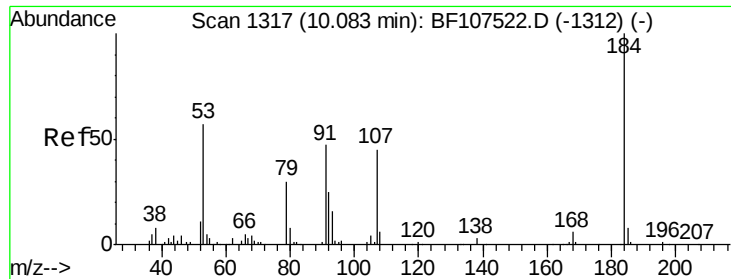
Tgt Ion:154 Resp: 1025392
Ion Ratio Lower Upper
154 100
153 114.3 91.2 136.8
152 55.4 43.8 65.8



#52
3-Nitroaniline
Concen: 23.302 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:138 Resp: 157499
Ion Ratio Lower Upper
138 100
108 10.5 9.4 14.0
92 110.3 89.4 134.2

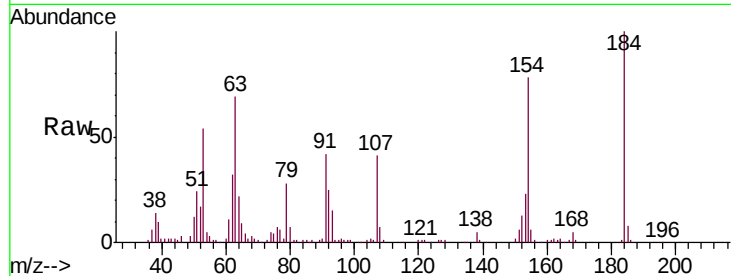




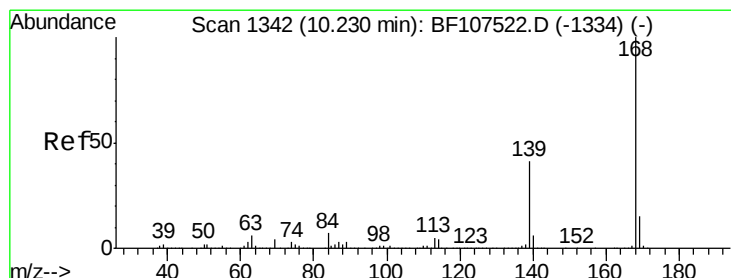
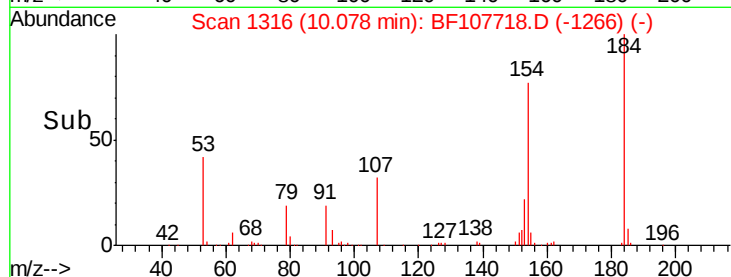
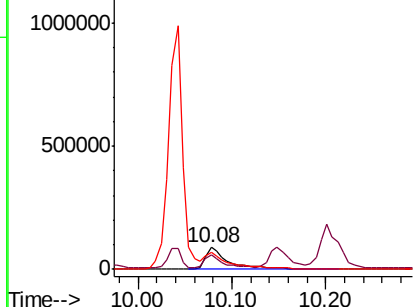
#53
2,4-Dinitrophenol
Concen: 65.234 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:184 Resp: 154330
Ion Ratio Lower Upper
184 100
63 68.9 54.2 81.2
154 77.6 184.0 276.0#

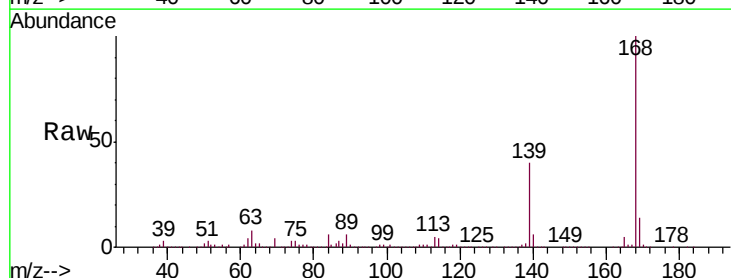


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

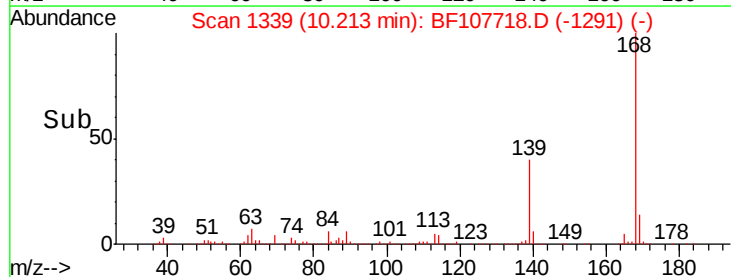
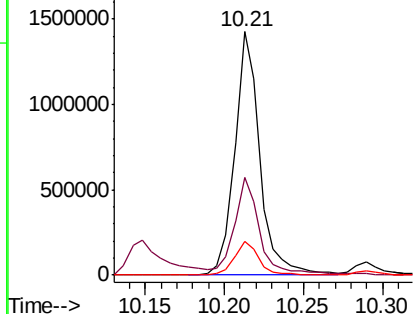


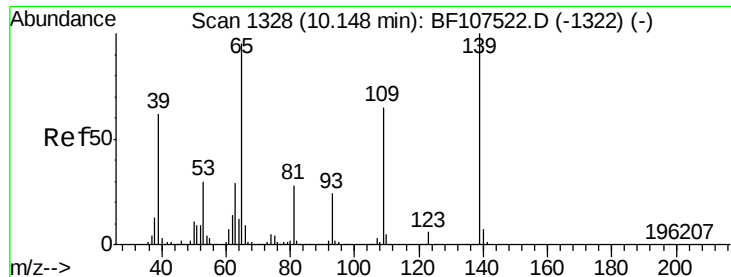
#54
Dibenzofuran
Concen: 45.714 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:168 Resp: 1566051
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 14.0 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

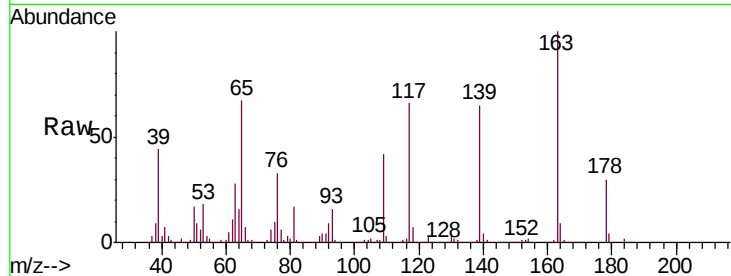




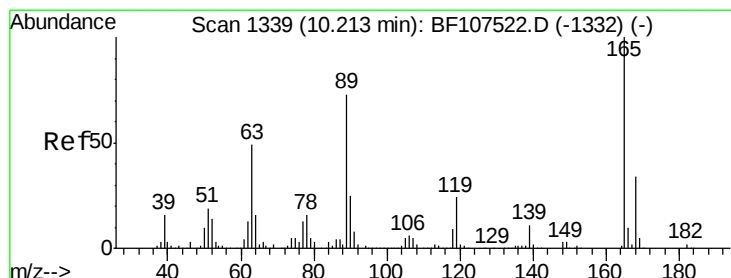
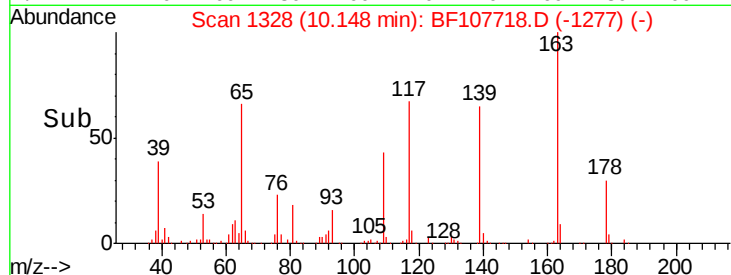
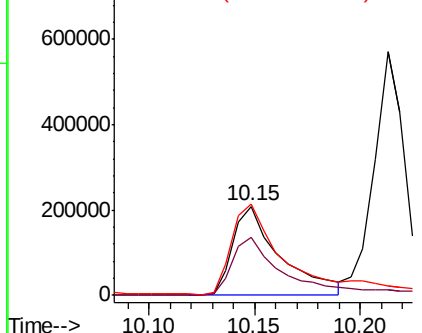
#55
4-Nitrophenol
Concen: 64.311 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:139 Resp: 325441
Ion Ratio Lower Upper
139 100
109 65.1 48.4 88.4
65 103.1 72.6 112.6

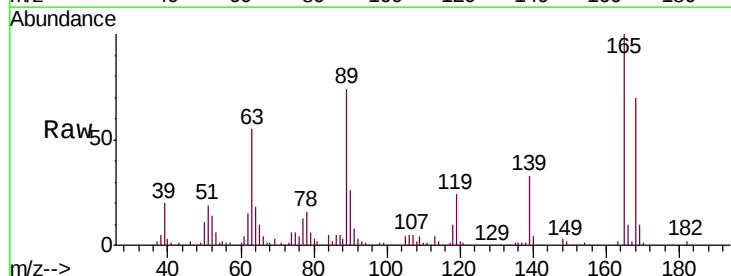


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

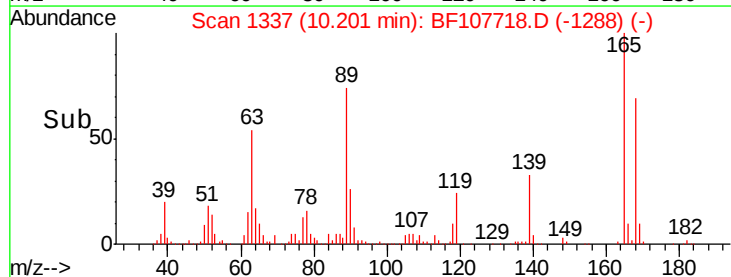
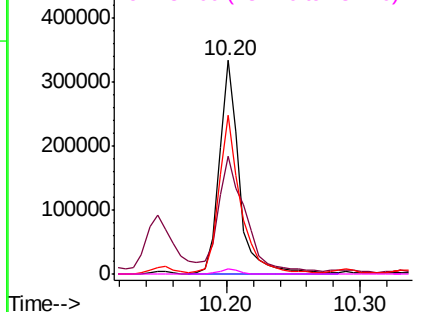


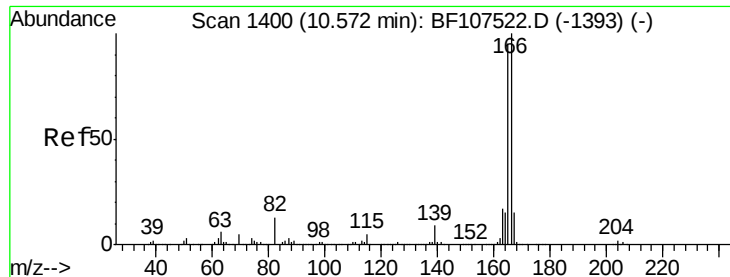
#56
2,4-Dinitrotoluene
Concen: 51.839 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:165 Resp: 347651
Ion Ratio Lower Upper
165 100
63 55.1 36.4 54.6#
89 74.2 57.8 86.6
182 2.3 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

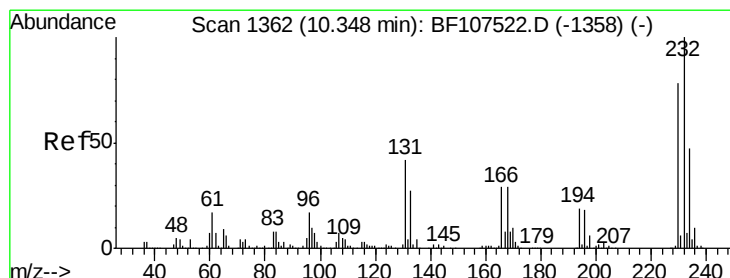
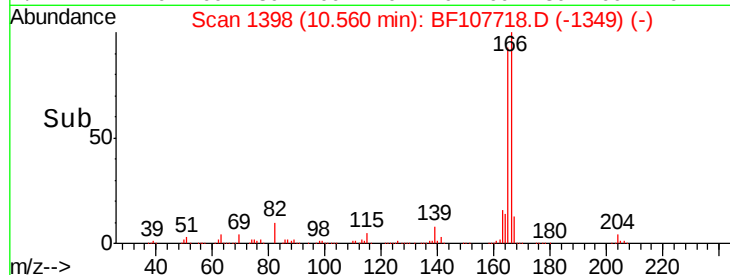
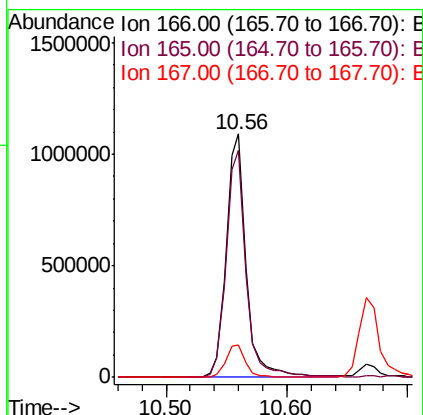
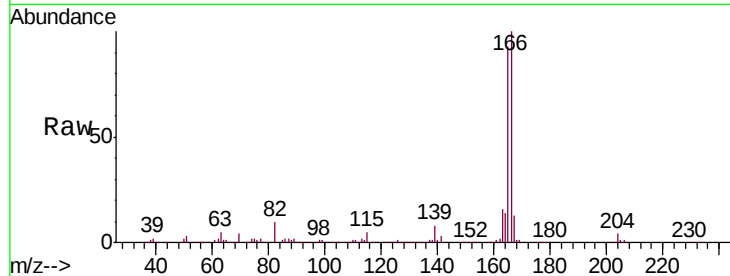




#57
 Fluorene
 Concen: 50.753 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

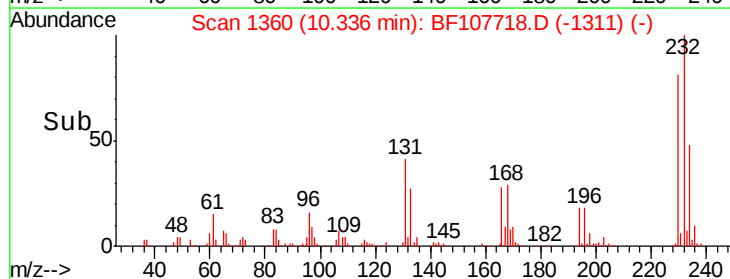
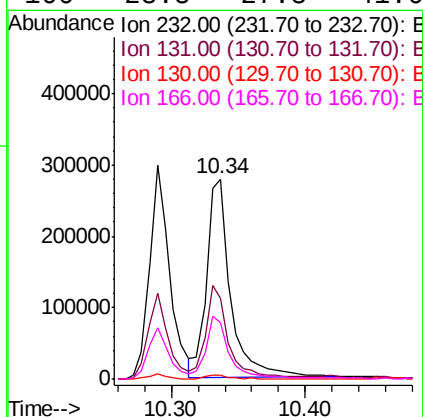
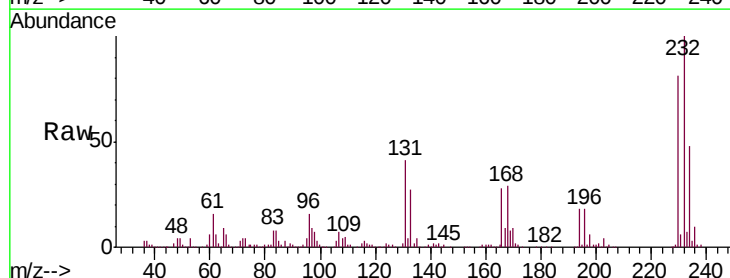
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

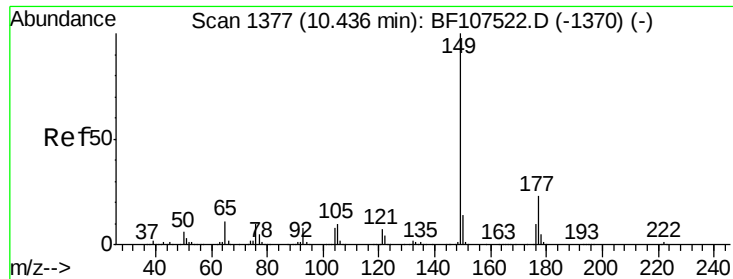
Tgt Ion:166 Resp: 1240401
 Ion Ratio Lower Upper
 166 100
 165 93.2 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.854 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:232 Resp: 350641
 Ion Ratio Lower Upper
 232 100
 131 42.5 43.8 65.8#
 130 2.0 2.1 3.1#
 166 28.5 27.8 41.6

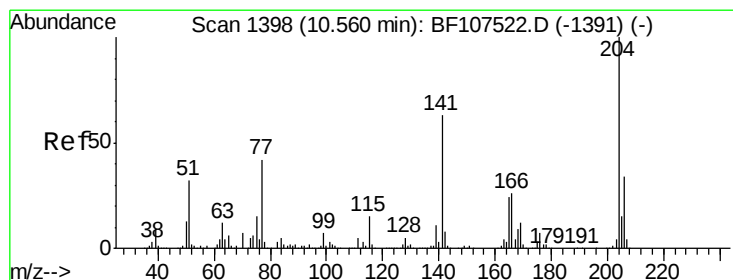
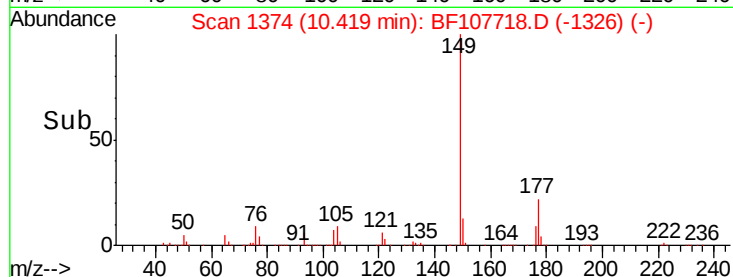
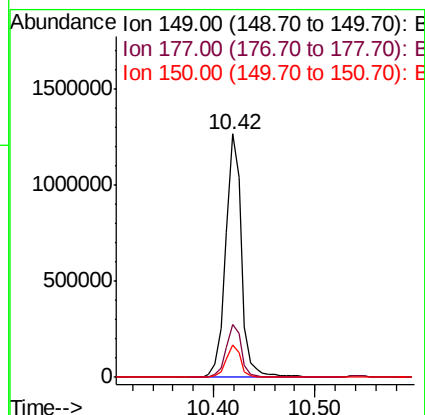
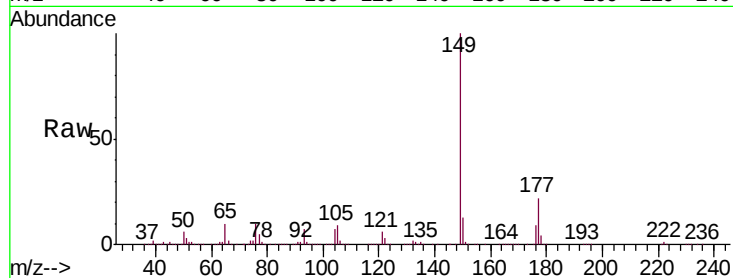




#59
Diethylphthalate
Concen: 46.987 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

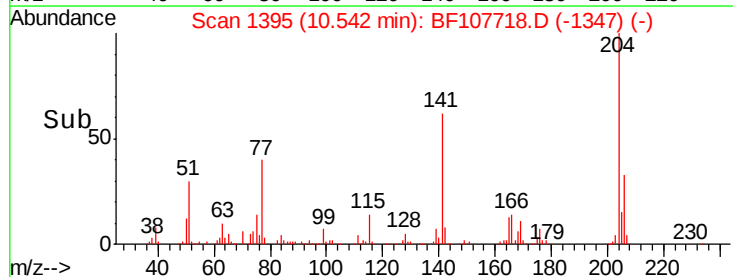
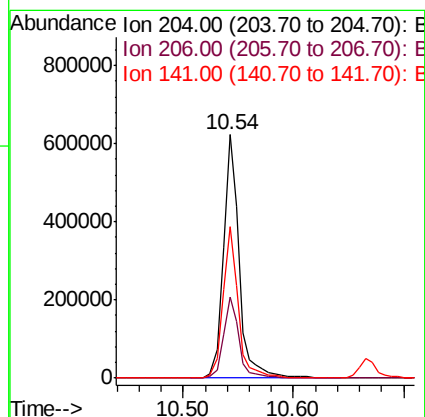
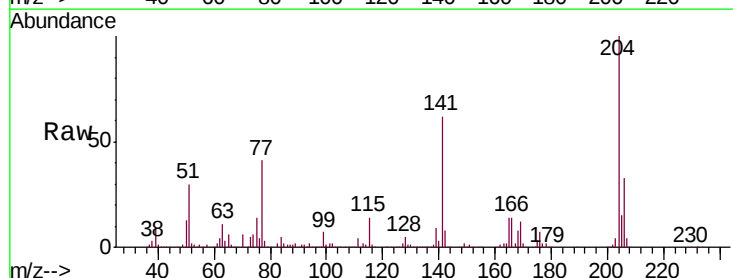
Instrument :
BNA_F
ClientSampleId :
SP-4MS

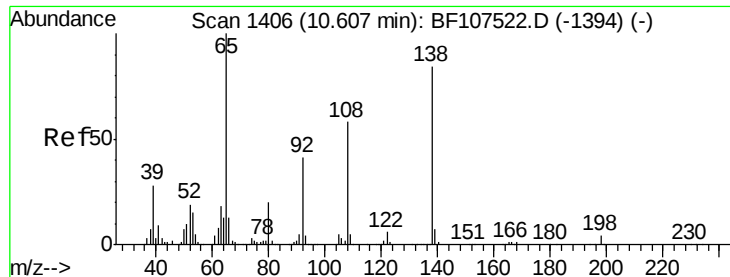
Tgt Ion:149 Resp: 1373203
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 13.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.942 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:204 Resp: 620942
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.4 54.6 81.8

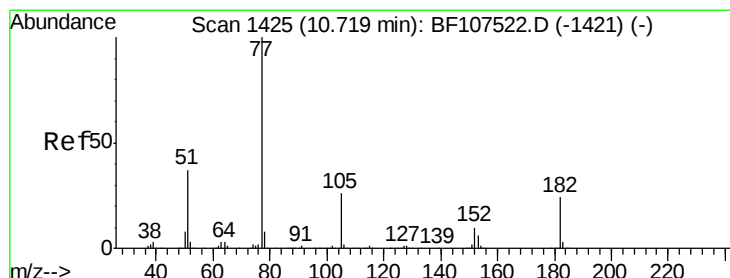
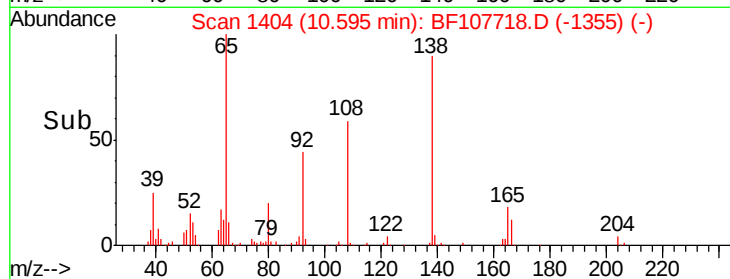
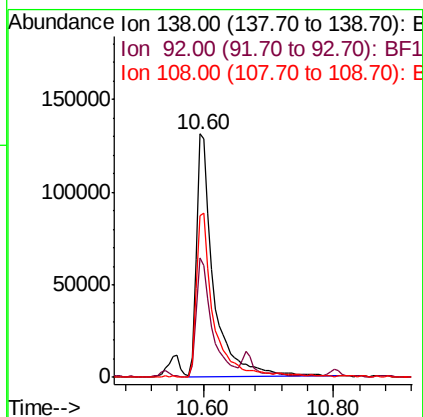
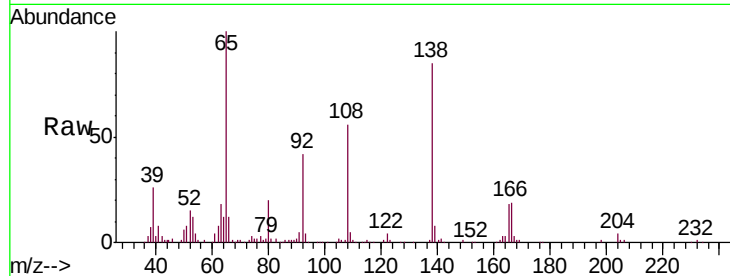




#61
4-Nitroaniline
Concen: 41.977 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

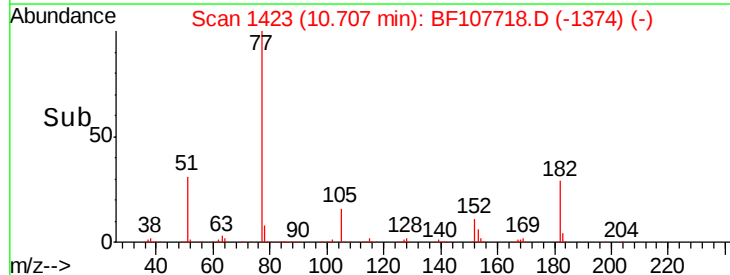
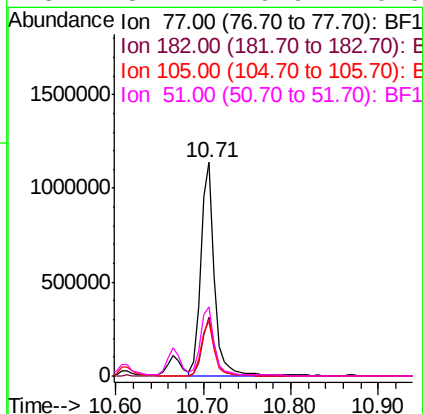
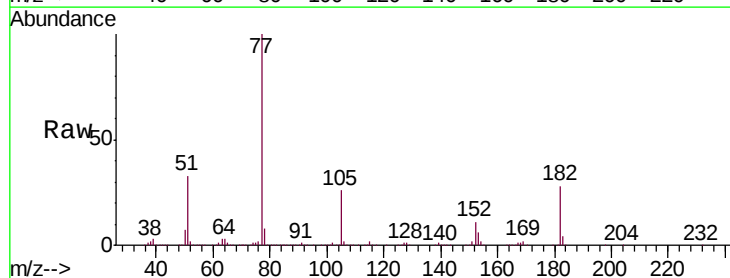
Instrument :
BNA_F
ClientSampleId :
SP-4MS

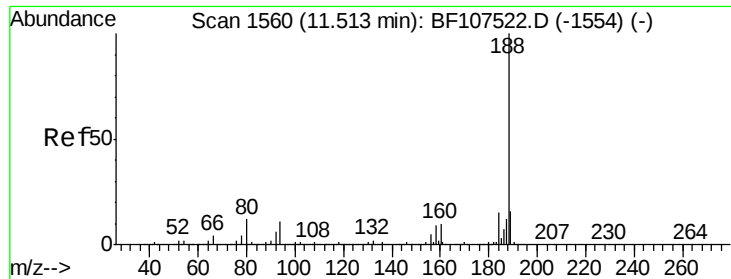
Tgt Ion:138 Resp: 238374
Ion Ratio Lower Upper
138 100
92 49.0 30.2 70.2
108 66.3 52.5 92.5



#62
Azobenzene
Concen: 44.717 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion: 77 Resp: 1225452
Ion Ratio Lower Upper
77 100
182 27.8 1.7 41.7
105 25.8 3.0 43.0
51 32.7 9.9 49.9

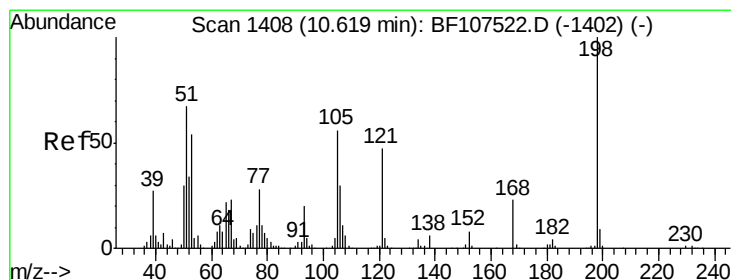
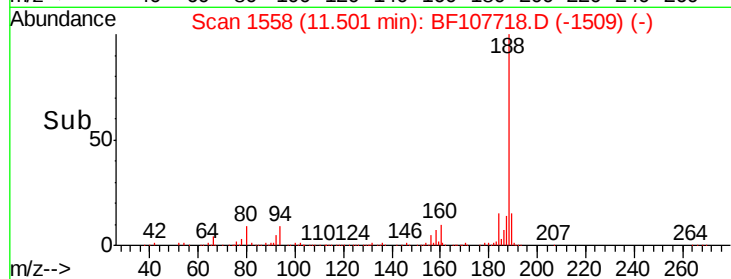
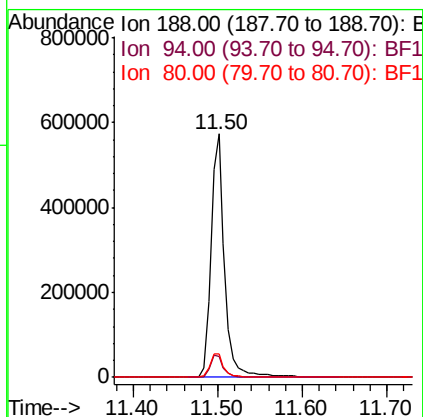
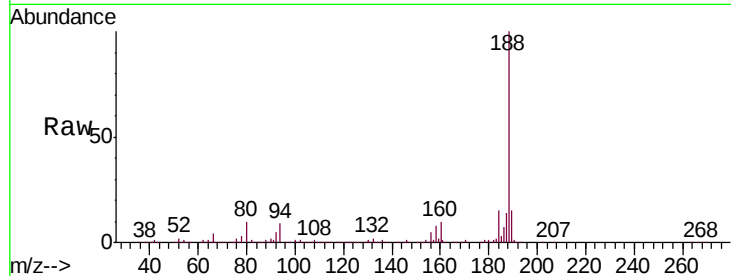




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

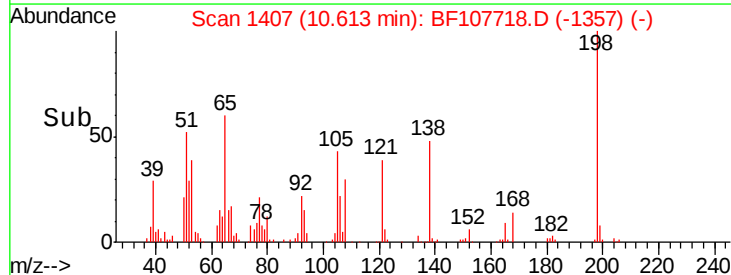
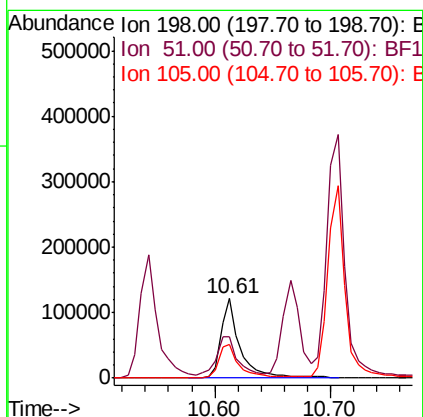
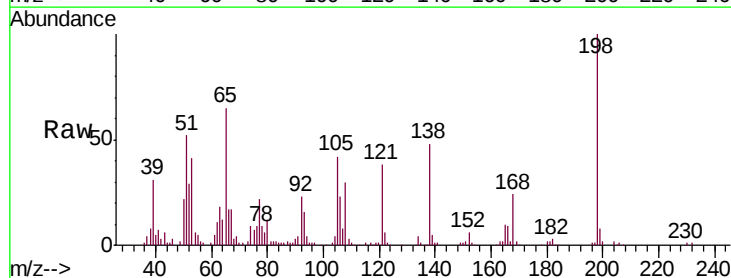
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

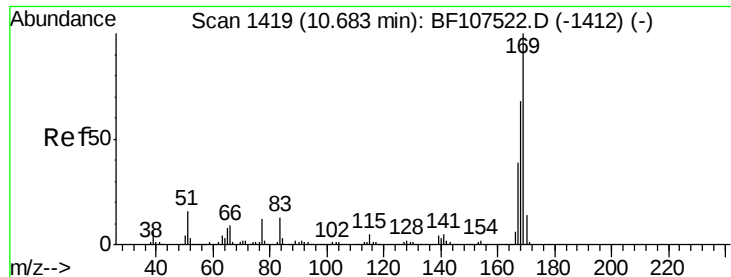
Tgt Ion:188 Resp: 650934
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.014 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:198 Resp: 139381
 Ion Ratio Lower Upper
 198 100
 51 52.0 37.7 77.7
 105 42.3 36.3 76.3

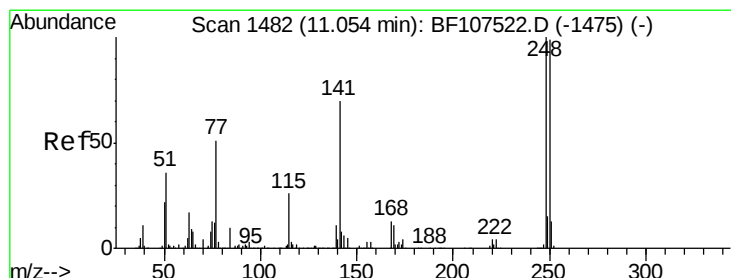
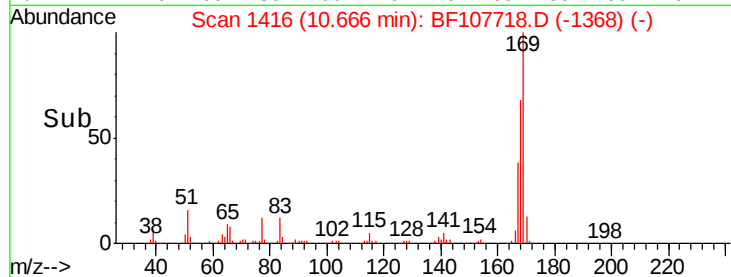
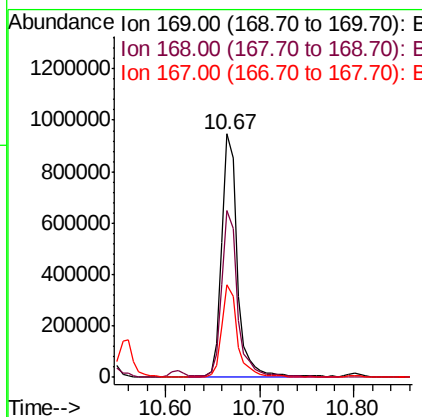
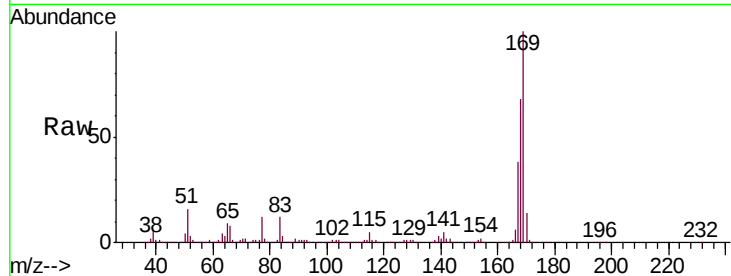




#65
n-Nitrosodiphenylamine
Concen: 50.135 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

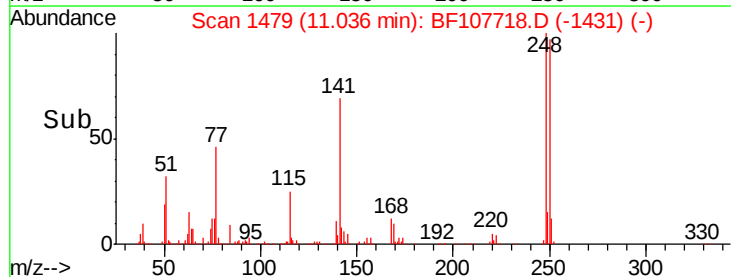
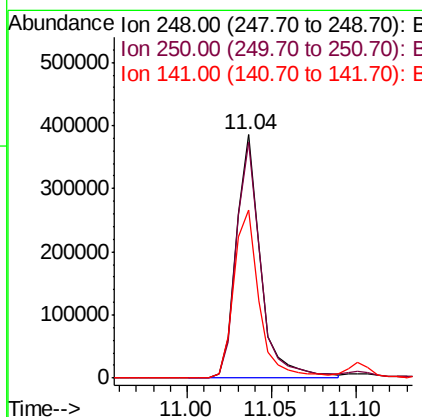
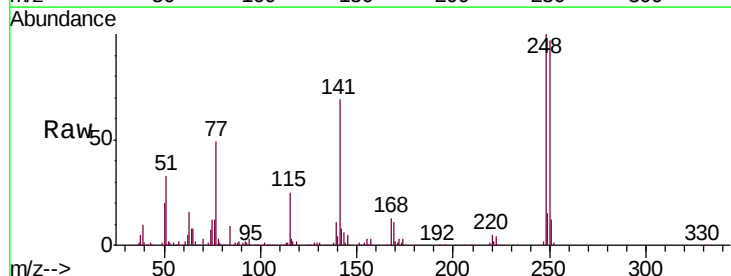
Instrument :
BNA_F
ClientSampleId :
SP-4MS

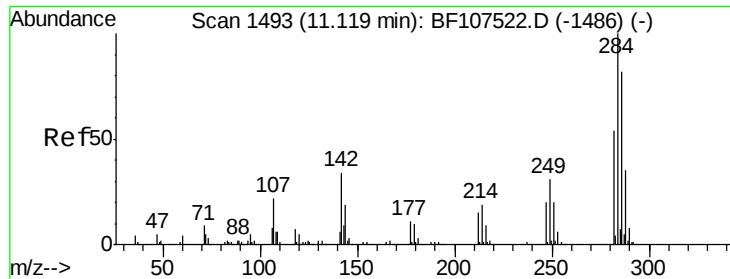
Tgt Ion:169 Resp: 1108346
Ion Ratio Lower Upper
169 100
168 68.3 54.4 81.6
167 38.0 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 50.046 ng
RT: 11.04 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:248 Resp: 383479
Ion Ratio Lower Upper
248 100
250 96.8 76.9 115.3
141 69.1 74.4 111.6#

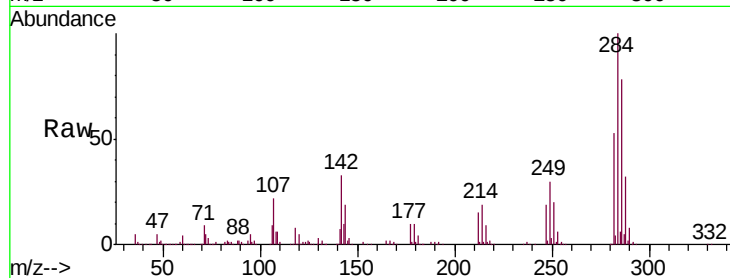




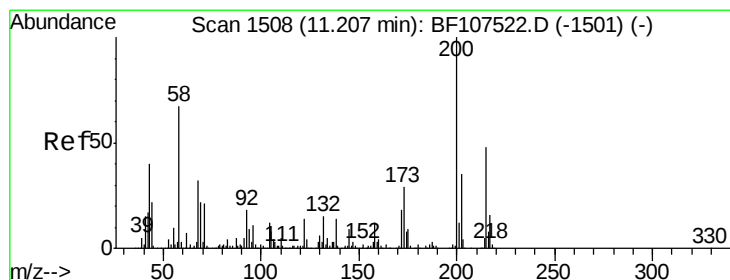
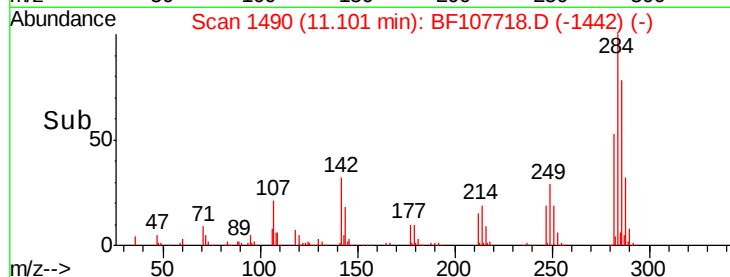
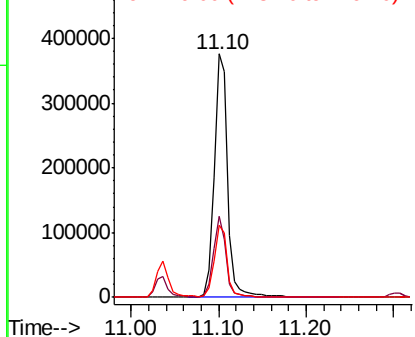
#67
Hexachlorobenzene
Concen: 47.417 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:284 Resp: 399783
Ion Ratio Lower Upper
284 100
142 33.3 34.6 52.0#
249 29.7 24.8 37.2

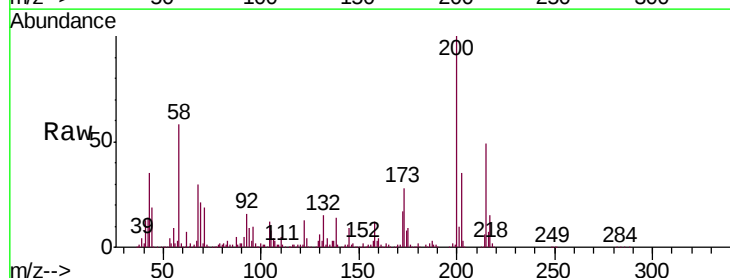


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

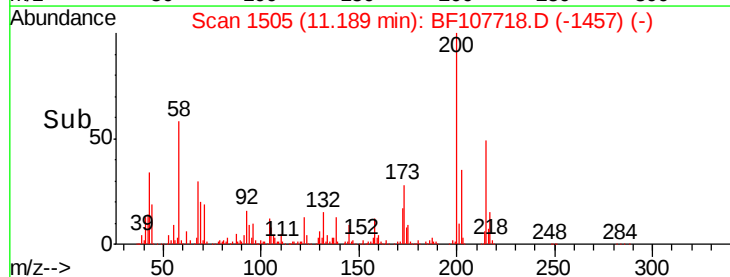
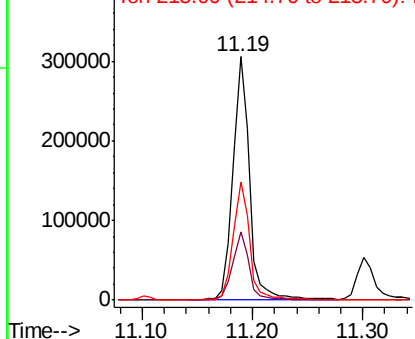


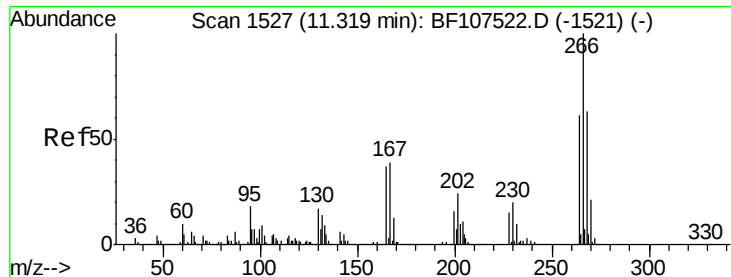
#68
Atrazine
Concen: 48.290 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:200 Resp: 325946
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 48.7 25.1 65.1



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

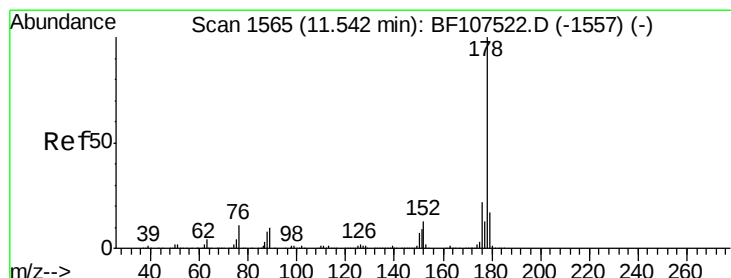
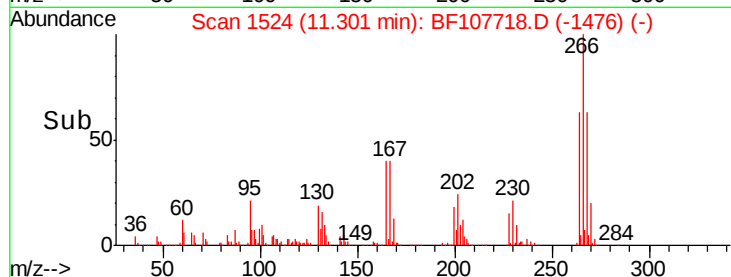
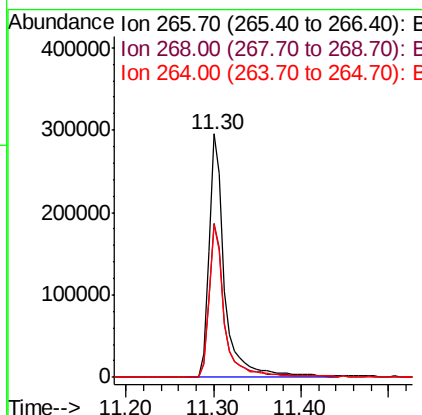
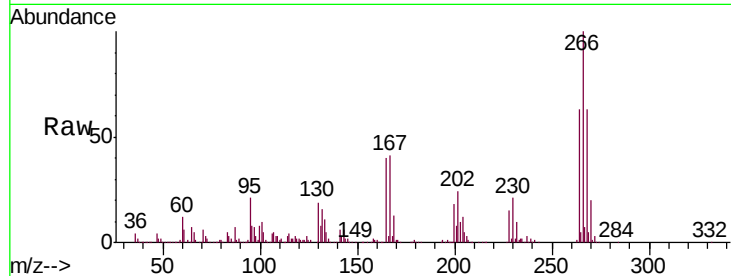




#69
 Pentachlorophenol
 Concen: 69.721 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

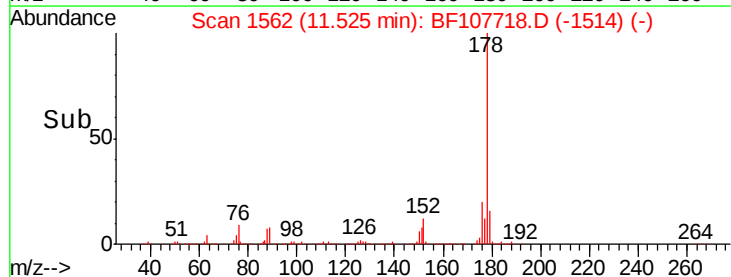
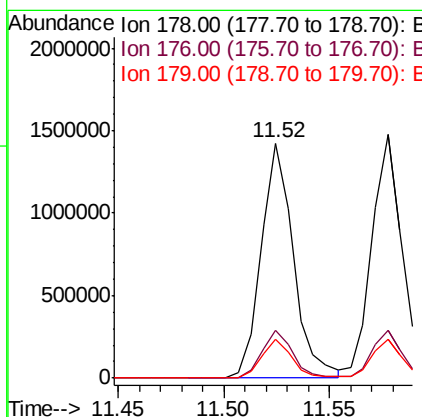
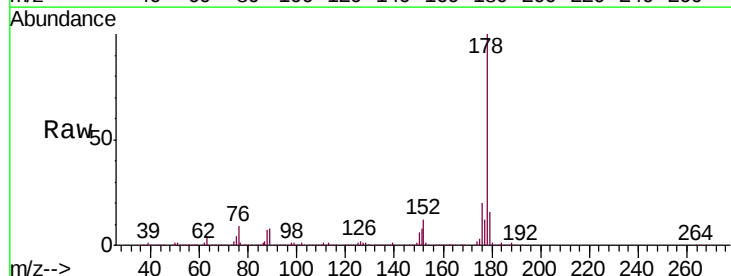
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

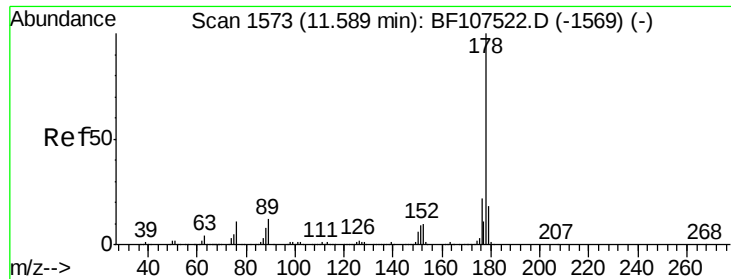
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	62.9	49.5	74.3



#70
 Phenanthrene
 Concen: 47.835 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.4	13.0	19.6

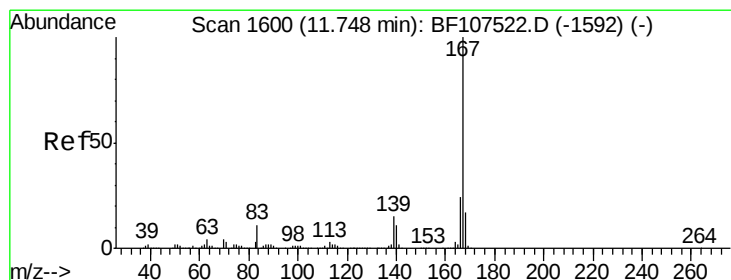
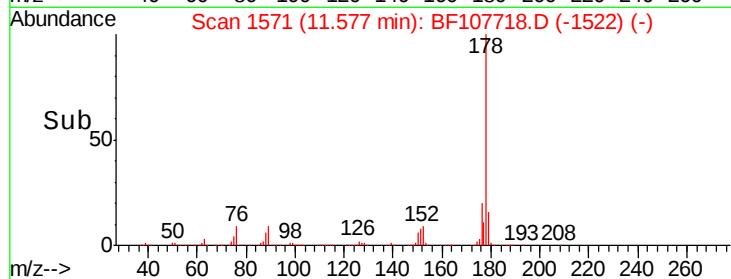
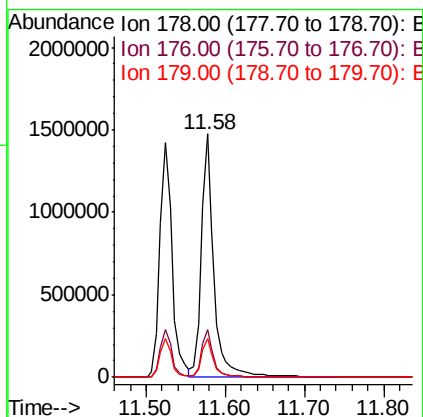
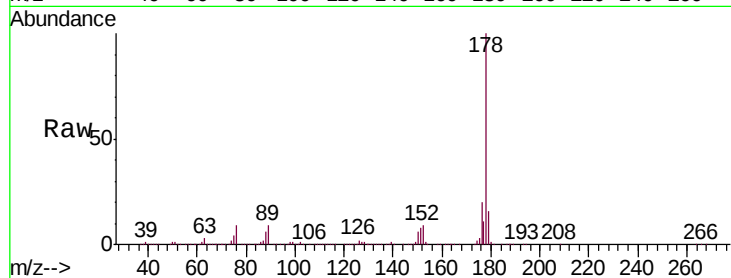




#71
 Anthracene
 Concen: 51.348 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

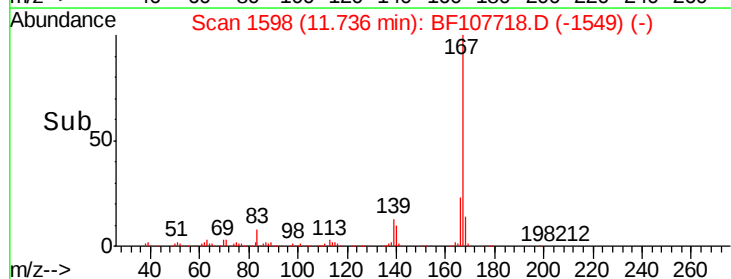
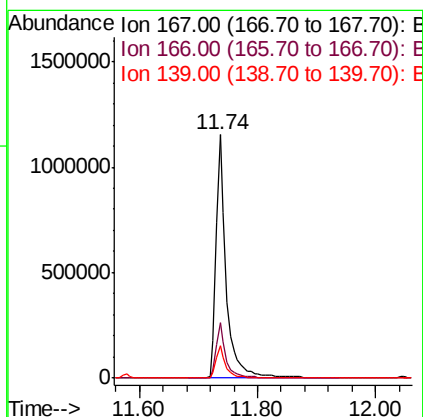
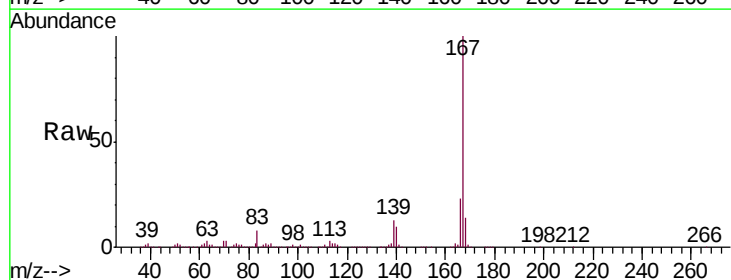
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

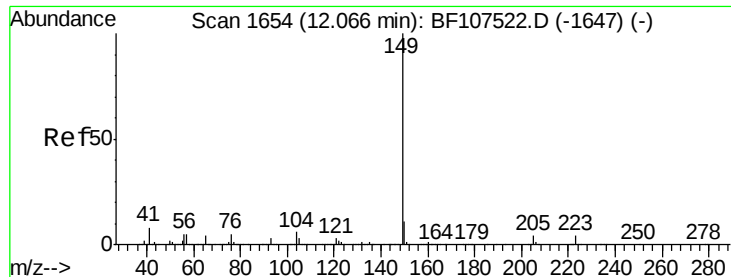
Tgt Ion:178 Resp: 1639919
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 42.450 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:167 Resp: 1409825
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 58.357 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

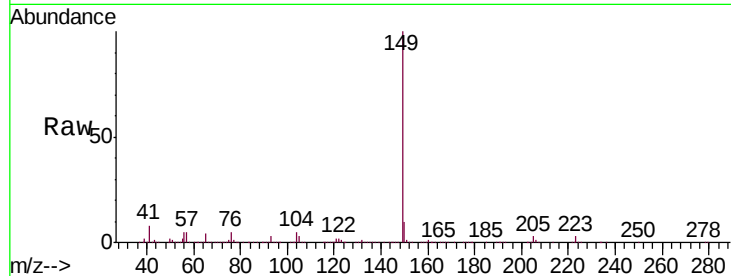
Tgt Ion:149 Resp: 1824806

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.6

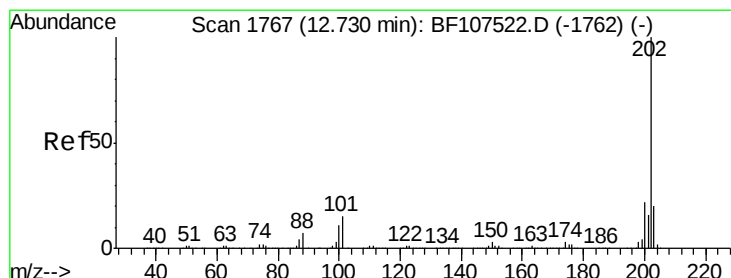
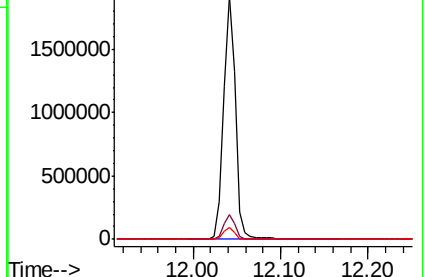
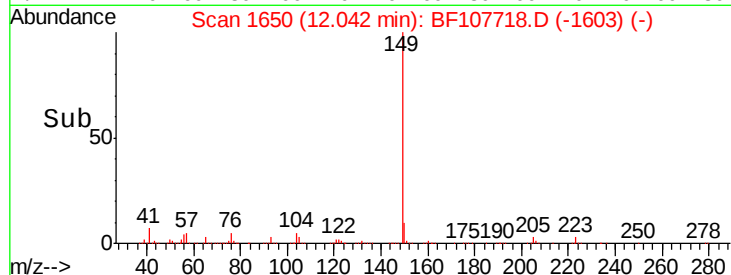
104 5.2 3.8 5.8



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: 40.975 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

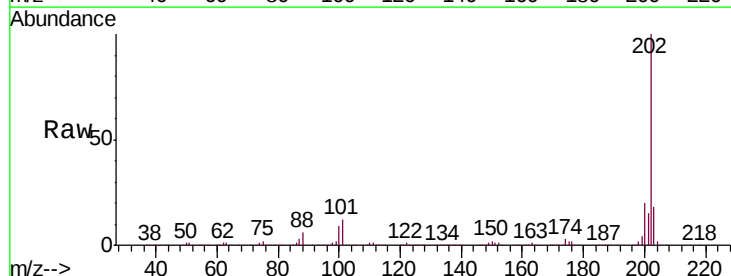
Tgt Ion:202 Resp: 1394705

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

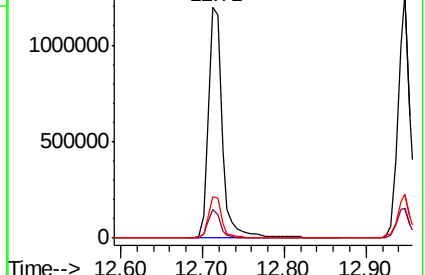
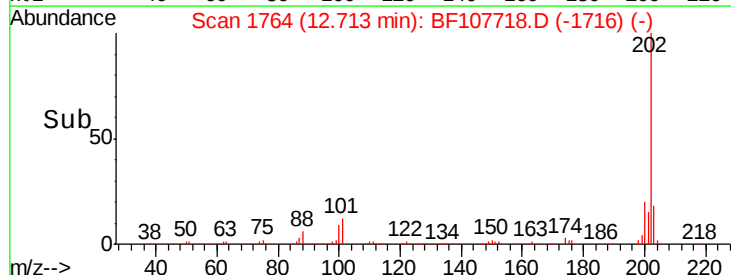
203 18.1 0.0 38.1

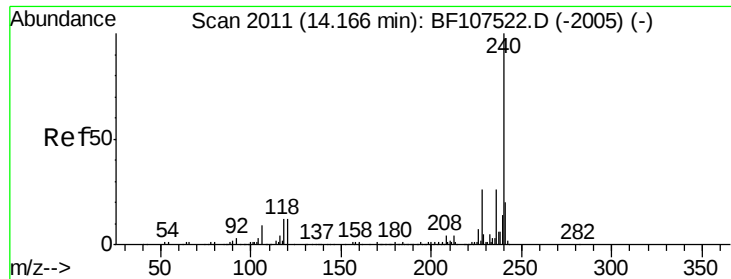


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

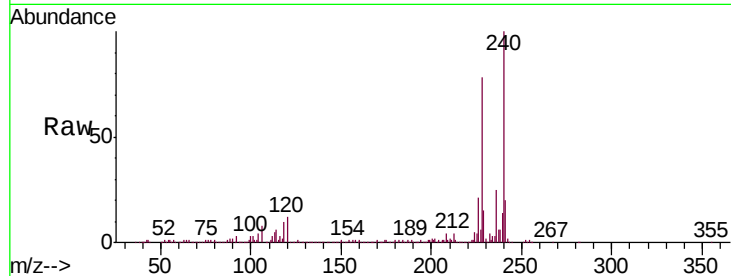
Tgt Ion:240 Resp: 419601

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

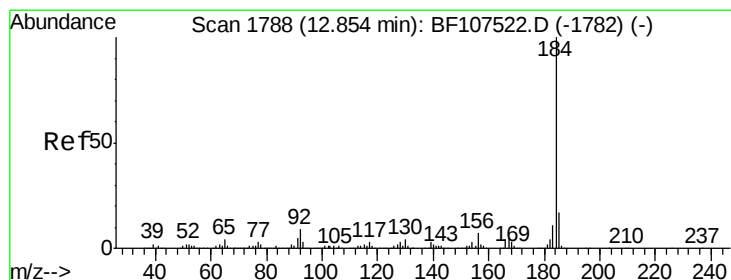
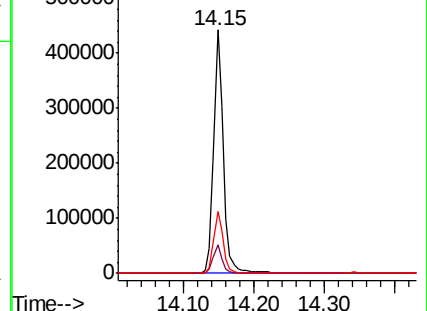
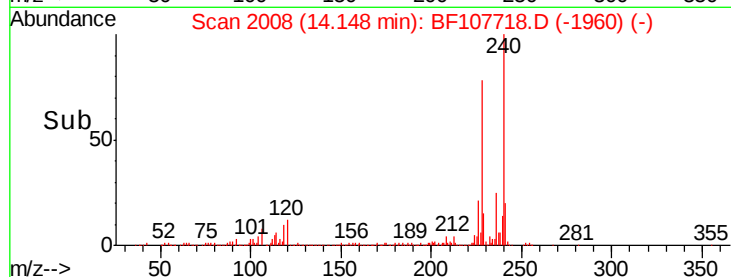
236 25.4 20.7 31.1



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: 47.408 ng

RT: 12.84 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

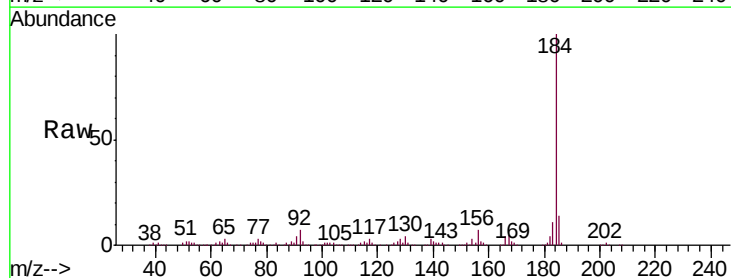
Tgt Ion:184 Resp: 572872

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

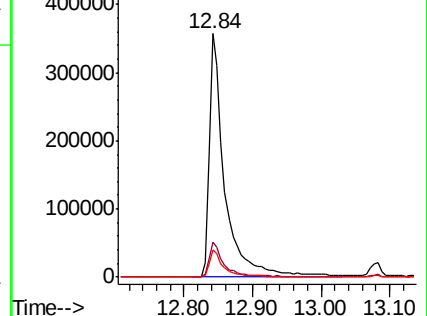
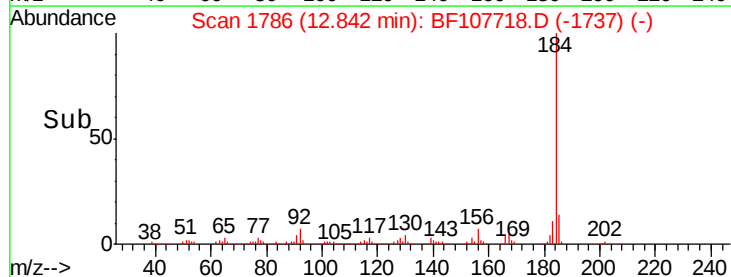
183 11.1 9.3 13.9

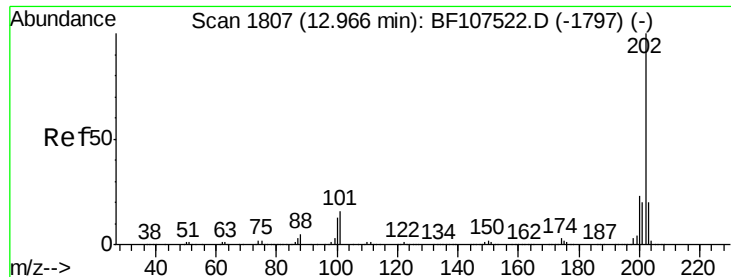


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

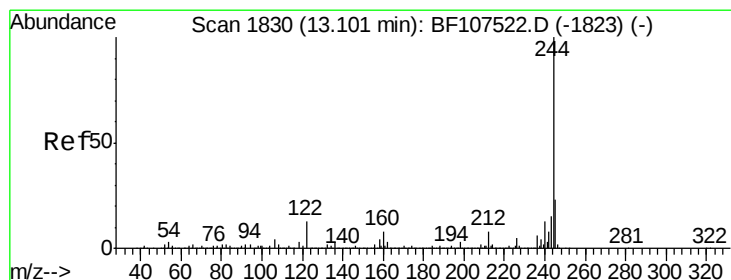
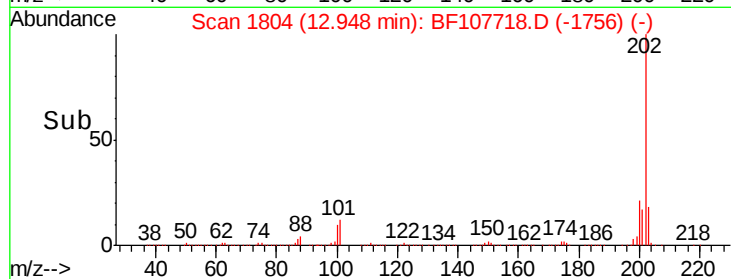
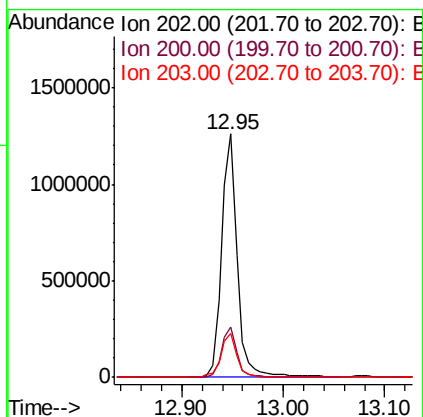
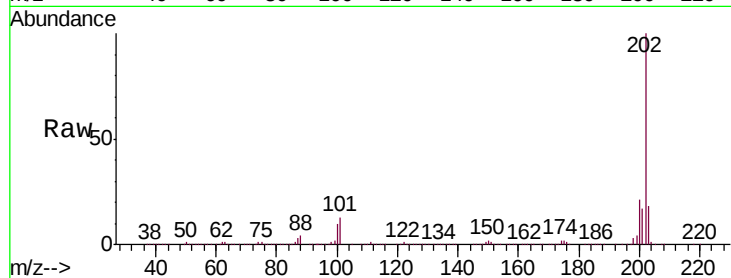




#77
Pyrene
Concen: 46.585 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

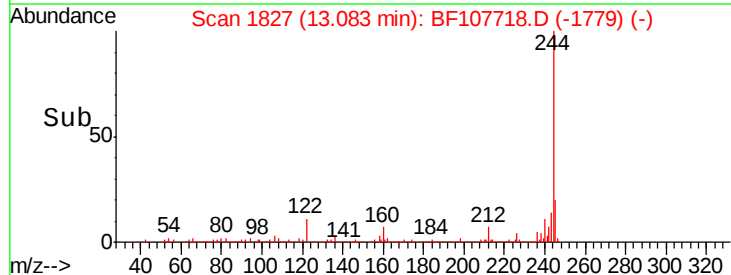
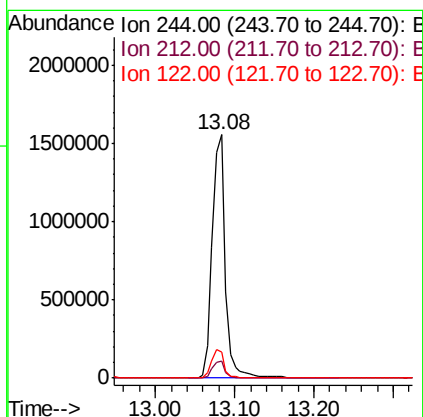
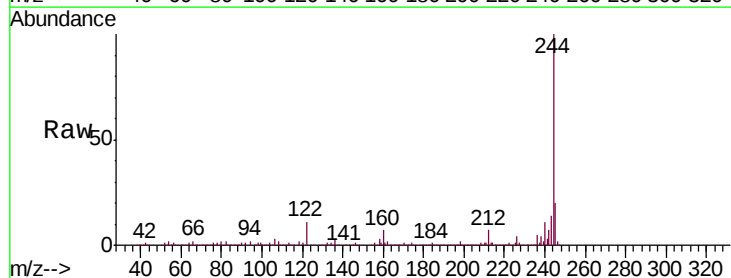
Instrument :
BNA_F
ClientSampleId :
SP-4MS

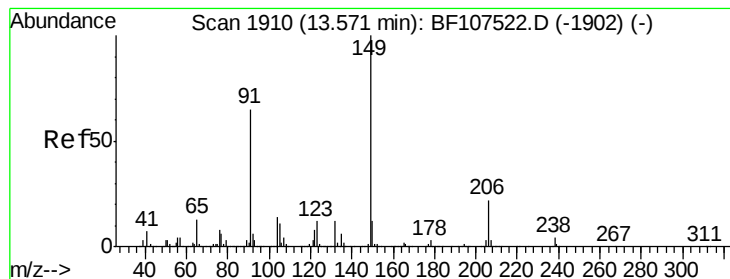
Tgt Ion: 202 Resp: 1337050
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 109.043 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion: 244 Resp: 1787222
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.5 11.0 16.4#





#79

Butylbenzylphthalate

Concen: 48.994 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

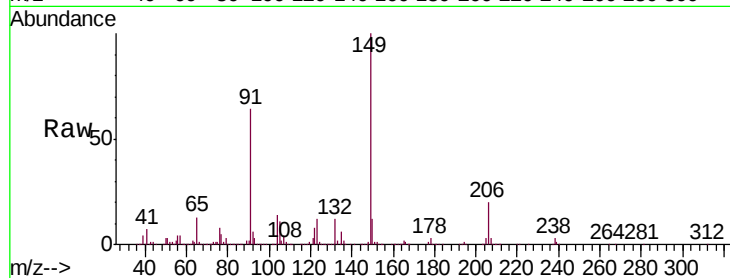
Tgt Ion:149 Resp: 604737

Ion Ratio Lower Upper

149 100

91 64.2 56.8 85.2

206 20.0 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

800000

600000

400000

200000

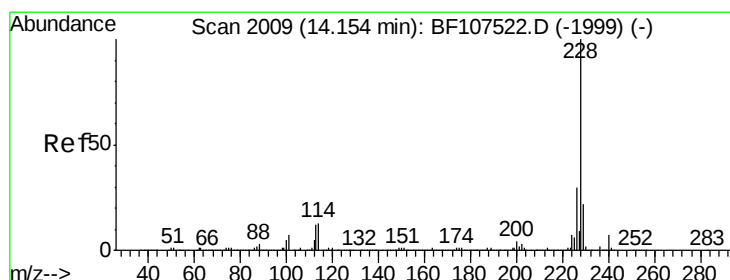
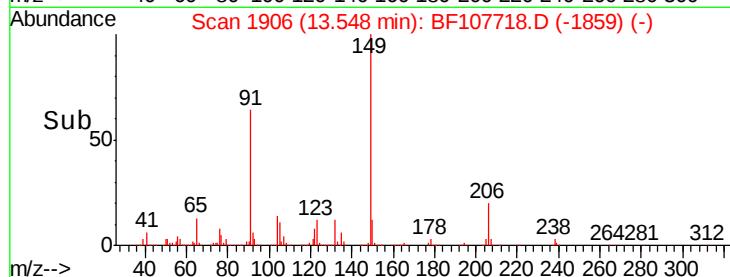
0

13.55

13.50

13.60

Time-->



#80

Benzo(a)anthracene

Concen: 49.567 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

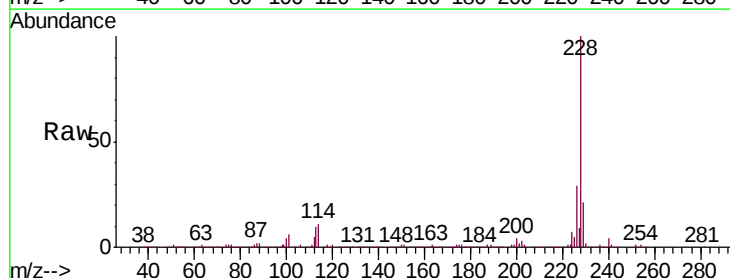
Tgt Ion:228 Resp: 1218811

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

229 20.6 15.8 23.6



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

1500000

1000000

500000

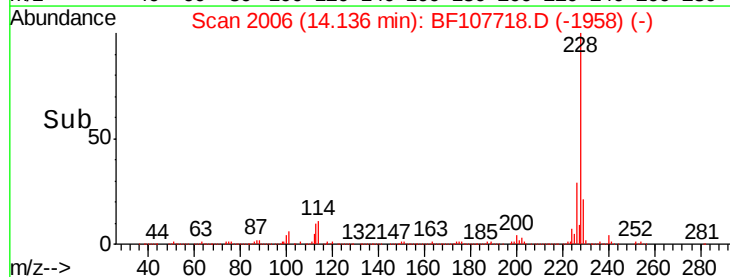
0

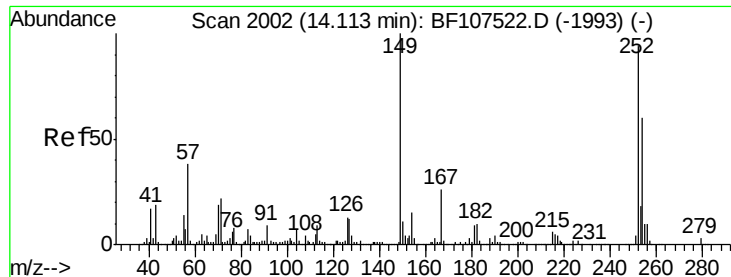
14.14

14.10

14.15

Time-->

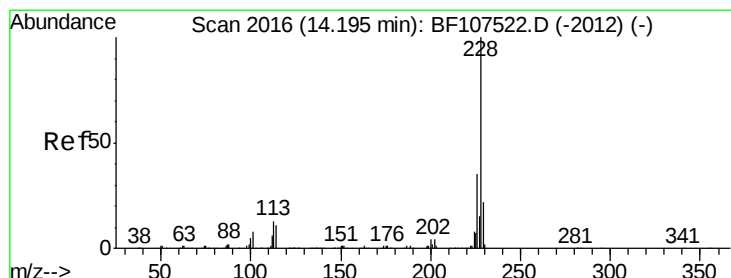
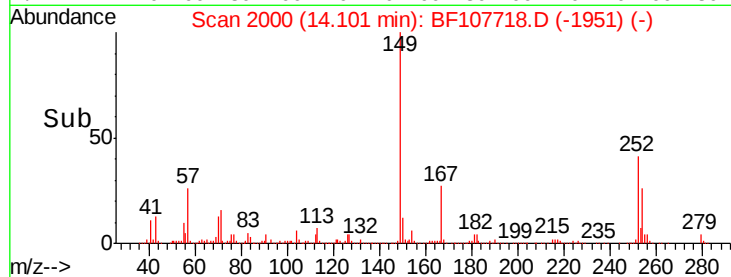
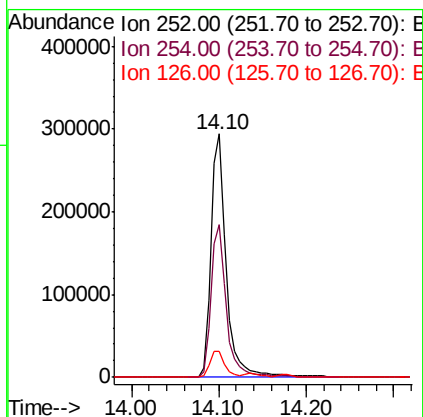
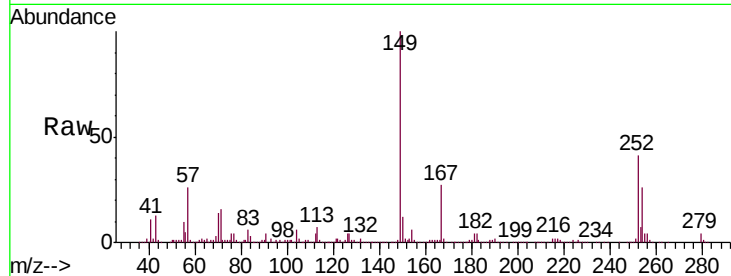




#81
 3,3'-Dichlorobenzidine
 Concen: 51.132 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

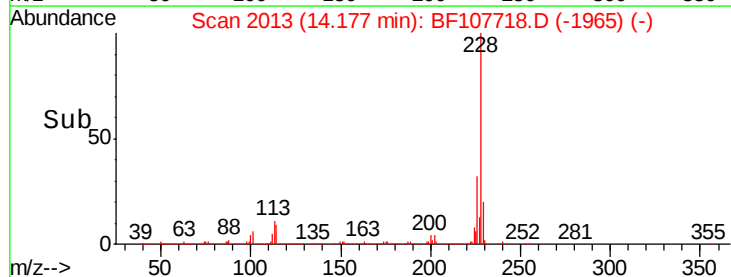
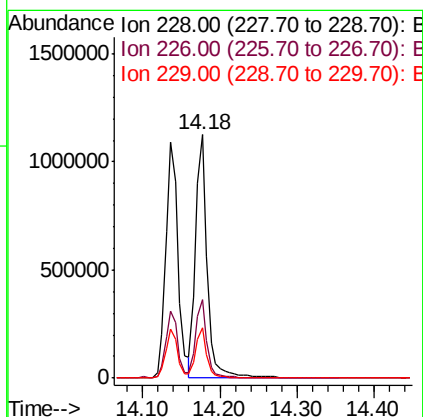
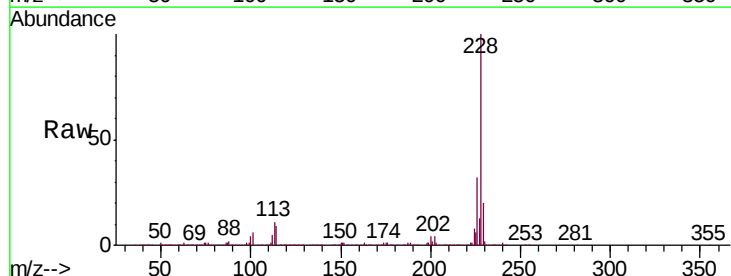
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

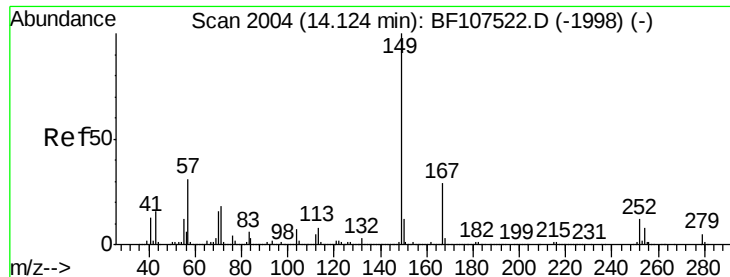
Tgt Ion: 252 Resp: 358387
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.4 75.6
 126 10.6 11.3 16.9#



#82
 Chrysene
 Concen: 50.681 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion: 228 Resp: 1197118
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.0 37.6
 229 20.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.629 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.03 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

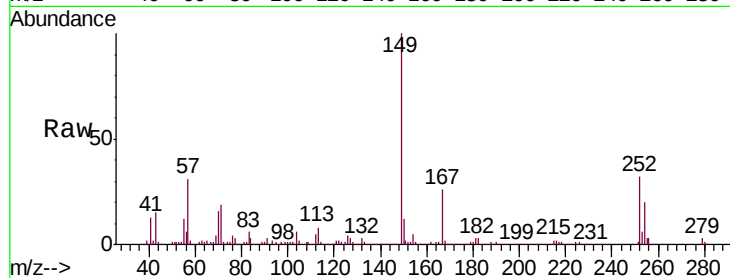
Tgt Ion:149 Resp: 777258

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

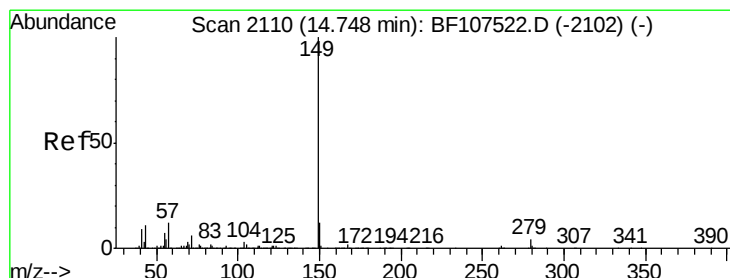
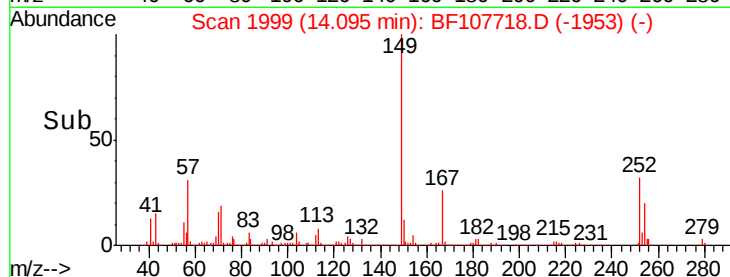
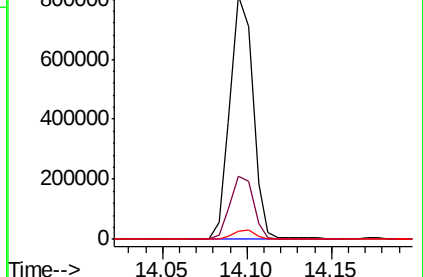
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.686 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.03 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

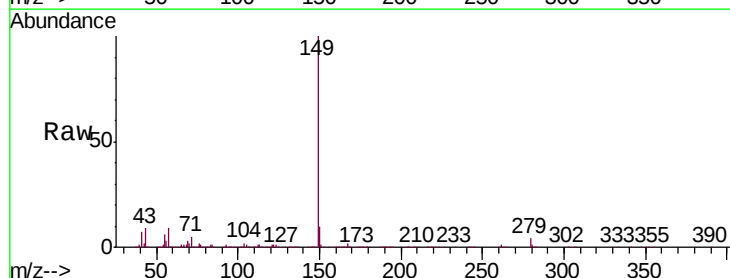
Tgt Ion:149 Resp: 1426266

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

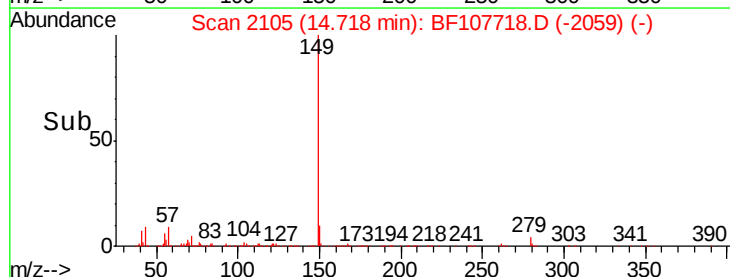
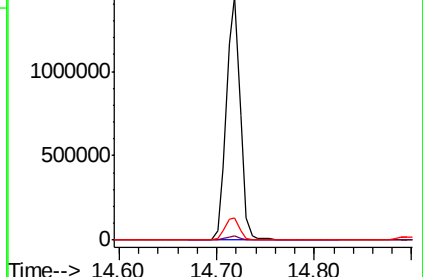
43 9.3 8.4 12.6

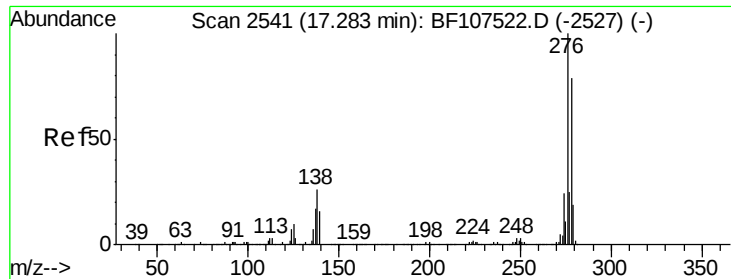


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 60.020 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampled :

SP-4MS

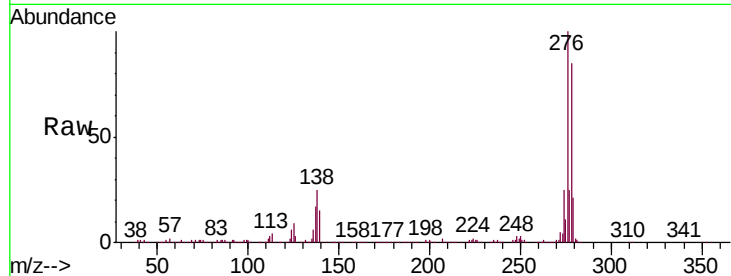
Tgt Ion:276 Resp: 1201559

Ion Ratio Lower Upper

276 100

138 24.4 25.0 37.6#

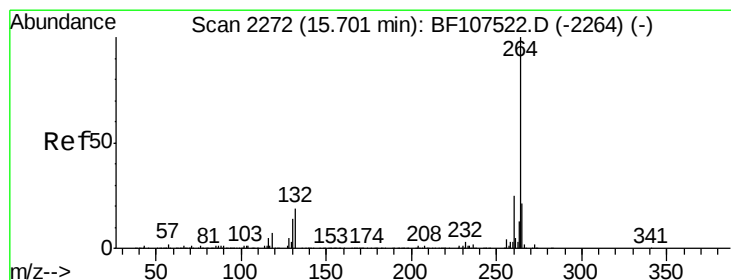
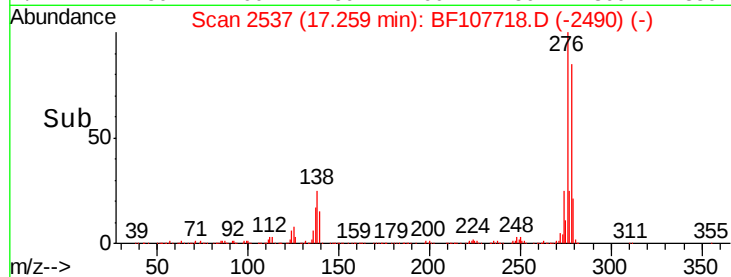
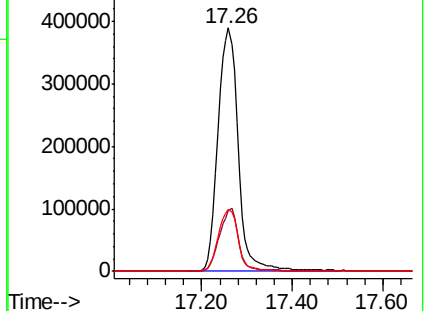
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

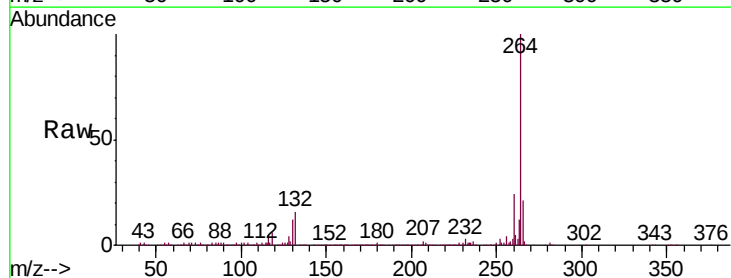
Tgt Ion:264 Resp: 507708

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

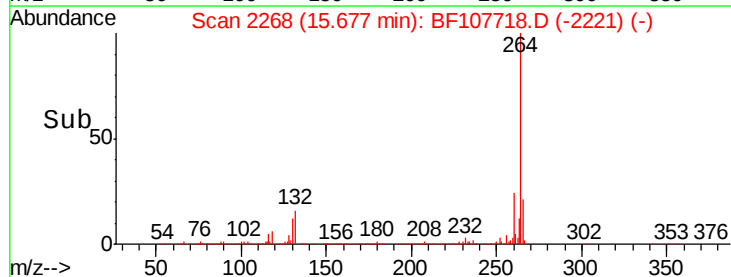
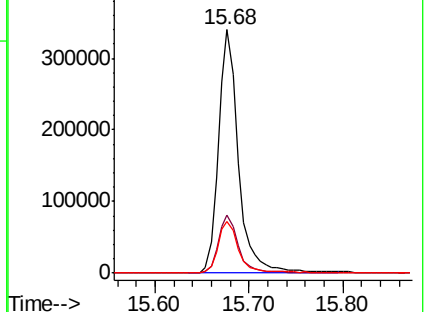
265 21.0 17.5 26.3

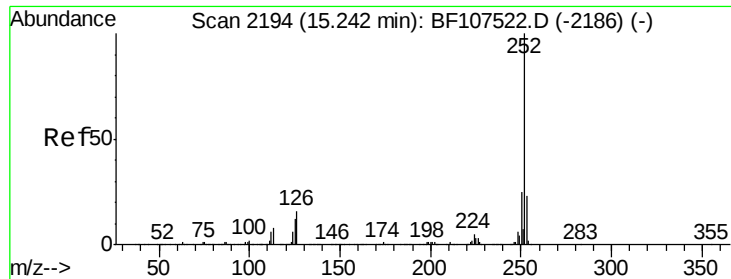


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

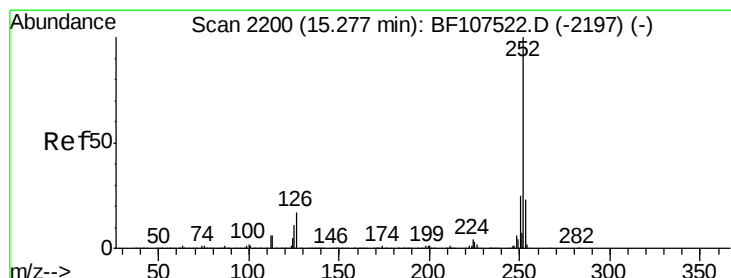
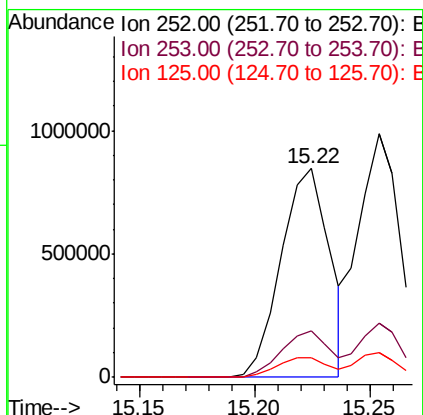
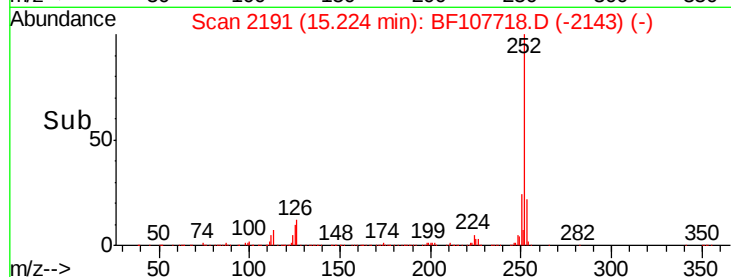
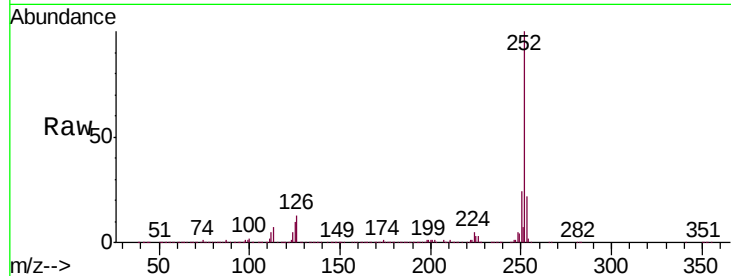




#87
Benzo(b)fluoranthene
Concen: 44.390 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

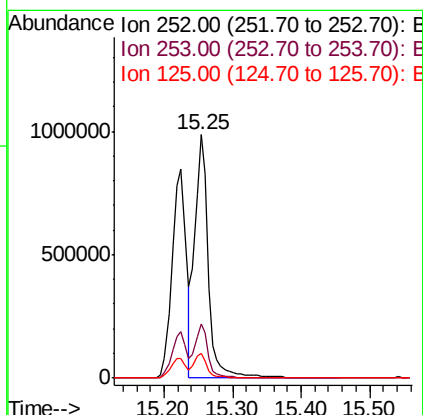
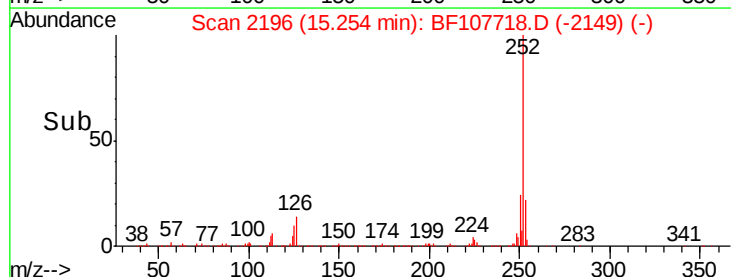
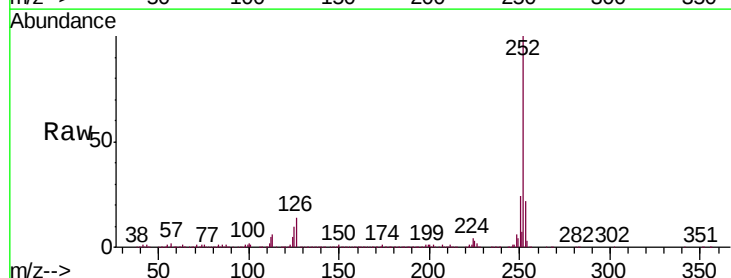
Instrument :
BNA_F
ClientSampleId :
SP-4MS

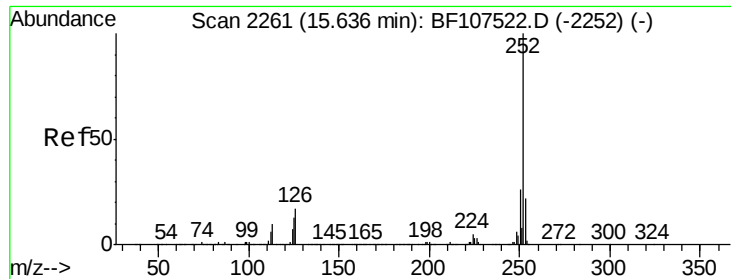
Tgt Ion:252 Resp: 1233434
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 9.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 49.531 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:252 Resp: 1348378
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.1 10.2 15.2#

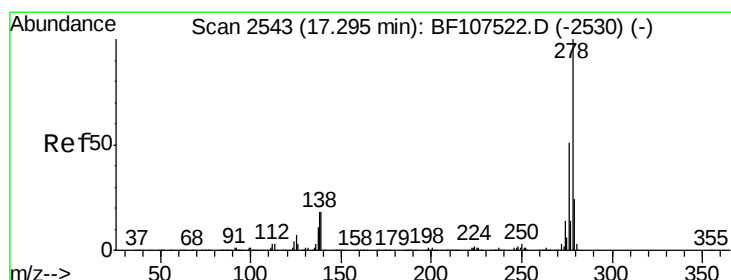
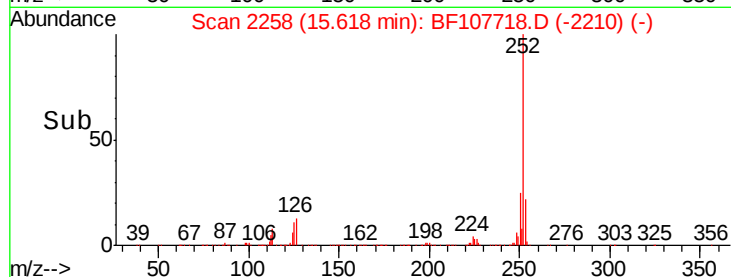
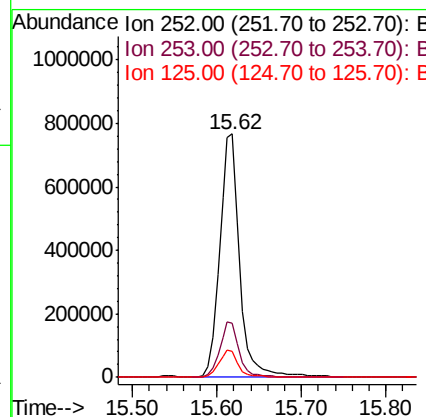
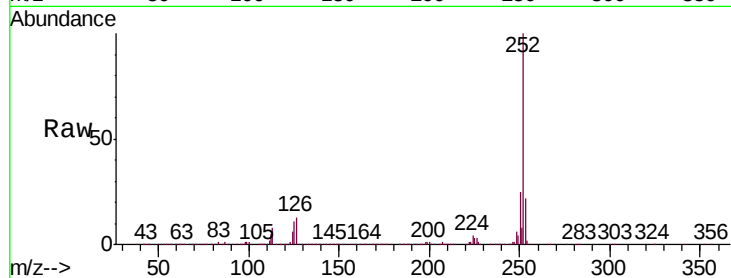




#89
Benzo(a)pyrene
Concen: 49.780 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

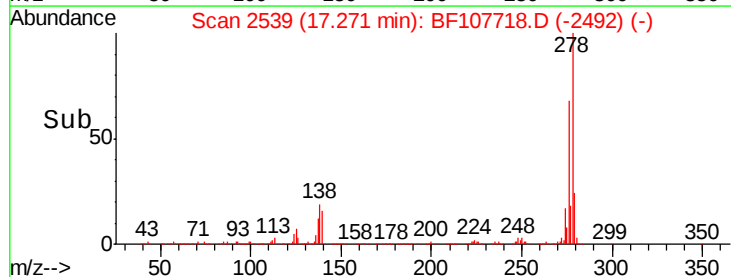
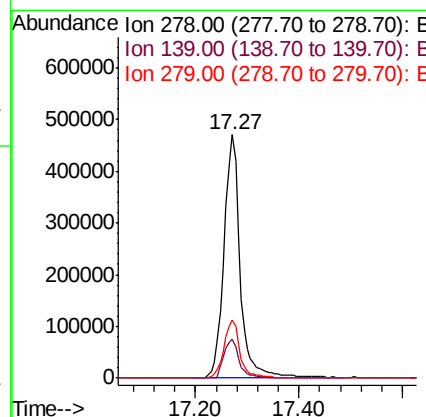
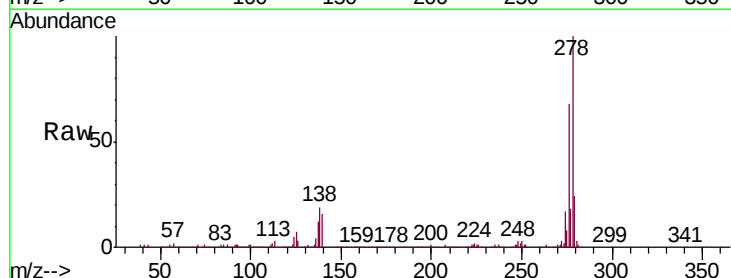
Instrument :
BNA_F
ClientSampleId :
SP-4MS

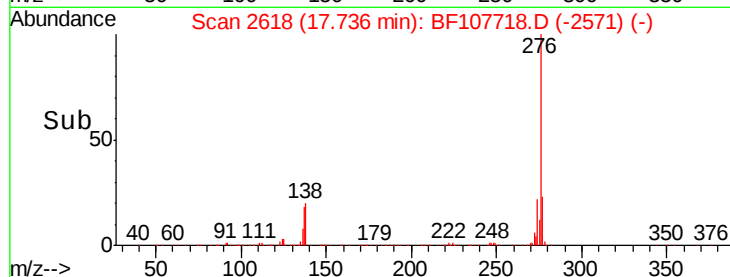
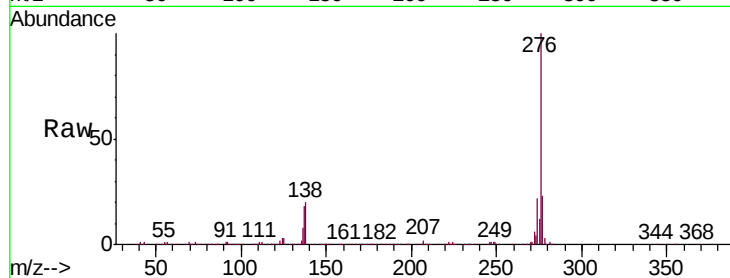
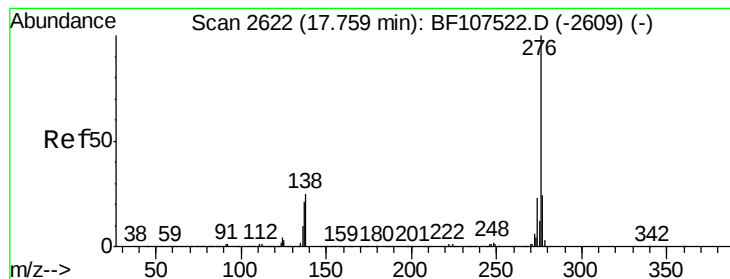
Tgt Ion:252 Resp: 1265271
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 10.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 46.791 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:278 Resp: 1028060
Ion Ratio Lower Upper
278 100
139 16.0 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 42.569 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion: 276 Resp: 922568

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 20.5 21.8 32.8#

