

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107770.D
 Acq On : 28 Jul 2018 2:39
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 28 04:15:25 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	139877	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	546649	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	214929	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	395533	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	399190	20.00	ng	-0.01
86) Perylene-d12	15.68	264	337729	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	660744	75.95	ng	-0.02
7) Phenol-d6	6.60	99	823382	78.82	ng	-0.01
23) Nitrobenzene-d5	7.53	82	778184	96.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	205537	84.10	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1444315	134.87	ng	-0.02
78) Terphenyl-d14	13.08	244	1301382	83.46	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.78	88	145104	35.834	ng	# 84
3) Pyridine	3.59	79	320790	29.120	ng	# 85
4) n-Nitrosodimethylamine	3.57	42	85665	18.438	ng	# 98
6) Aniline	6.64	93	447665	33.226	ng	# 79
8) 2-Chlorophenol	6.75	128	391433	41.996	ng	# 97
9) Benzaldehyde	6.52	77	213666	32.080	ng	# 90
10) Phenol	6.61	94	429250	34.940	ng	# 91
11) bis(2-Chloroethyl)ether	6.70	93	422294	41.461	ng	# 95
12) 1,3-Dichlorobenzene	6.90	146	415287	39.298	ng	# 97
13) 1,4-Dichlorobenzene	6.98	146	477884	44.121	ng	# 99
14) 1,2-Dichlorobenzene	7.13	146	416058	42.804	ng	# 100
15) Benzyl Alcohol	7.11	79	259063	36.388	ng	# 100
16) 2,2'-oxybis(1-Chloropropan	7.23	45	633157	36.847	ng	# 82
17) 2-Methylphenol	7.22	107	286341	36.145	ng	# 84
18) Hexachloroethane	7.47	117	134456	35.392	ng	# 97
19) n-Nitroso-di-n-propylamine	7.37	70	264005	39.121	ng	# 95
20) 3+4-Methylphenols	7.37	107	379994	40.395	ng	# 57
22) Acetophenone	7.37	105	522812	40.724	ng	# 87
24) Nitrobenzene	7.55	77	400536	43.173	ng	# 97
25) Isophorone	7.78	82	633735	36.643	ng	# 99
26) 2-Nitrophenol	7.87	139	197087	50.305	ng	# 98
27) 2,4-Dimethylphenol	7.90	122	276222	37.247	ng	# 98
28) bis(2-Chloroethoxy)methane	7.99	93	432400	37.411	ng	# 100
29) 2,4-Dichlorophenol	8.11	162	304403	40.159	ng	# 97
30) 1,2,4-Trichlorobenzene	8.18	180	348938	40.987	ng	# 98
31) Naphthalene	8.27	128	1033881	43.009	ng	# 99
32) Benzoic acid	8.01	122	116690	26.729	ng	# 95
33) 4-Chloroaniline	8.32	127	421643	40.131	ng	# 99
34) Hexachlorobutadiene	8.37	225	212118	41.931	ng	# 99
35) Caprolactam	8.69	113	79776	32.358	ng	# 85
36) 4-Chloro-3-methylphenol	8.80	107	304667	36.184	ng	# 98
37) 2-Methylnaphthalene	8.95	142	631617	37.917	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	321898	44.903	ng	# 97
42) 2,4,6-Trichlorophenol	9.24	196	181969	39.657	ng	# 99

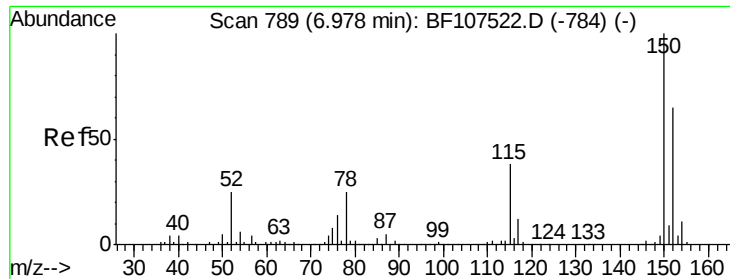
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
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 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	197436	41.169	ng	97
45) 1,1'-Biphenyl	9.42	154	866357	46.273	ng	98
46) 2-Chloronaphthalene	9.45	162	637583	44.552	ng	99
47) 2-Nitroaniline	9.55	65	199267	47.761	ng	89
48) Acenaphthylene	9.87	152	919638	42.777	ng	100
49) Dimethylphthalate	9.71	163	685182	42.299	ng	100
50) 2,6-Dinitrotoluene	9.79	165	139765	43.459	ng	92
51) Acenaphthene	10.04	154	553133	41.065	ng	99
52) 3-Nitroaniline	9.97	138	174648	44.639	ng	95
53) 2,4-Dinitrophenol	10.12	184	6913	14.337	ng #	81
54) Dibenzofuran	10.21	168	813679	41.032	ng	99
55) 4-Nitrophenol	10.15	139	56447	19.270	ng	91
56) 2,4-Dinitrotoluene	10.20	165	165863	42.725	ng #	95
57) Fluorene	10.55	166	597751	42.252	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	170217	42.647	ng #	82
59) Diethylphthalate	10.41	149	698142	41.268	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	337240	42.166	ng	91
61) 4-Nitroaniline	10.60	138	151078	45.960	ng	92
62) Azobenzene	10.70	77	609992	38.453	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	16194	15.628	ng #	65
65) n-Nitrosodiphenylamine	10.66	169	568578	42.326	ng	98
66) 4-Bromophenyl-phenylether	11.03	248	197565	42.432	ng	92
67) Hexachlorobenzene	11.10	284	203399	39.702	ng #	87
68) Atrazine	11.18	200	149856	36.537	ng	96
69) Pentachlorophenol	11.30	266	149912	46.848	ng	96
70) Phenanthrene	11.52	178	754058	39.122	ng	98
71) Anthracene	11.58	178	884339	45.569	ng	99
72) Carbazole	11.74	167	879824	43.598	ng	99
73) Di-n-butylphthalate	12.04	149	997516	49.481	ng	98
74) Fluoranthene	12.71	202	951337	45.996	ng	98
76) Benzidine	12.85	184	530064	46.109	ng	97
77) Pyrene	12.95	202	978719	35.844	ng	98
79) Butylbenzylphthalate	13.55	149	456280	38.857	ng #	92
80) Benzo(a)anthracene	14.14	228	891225	38.098	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	365033	56.738	ng #	95
82) Chrysene	14.18	228	960181	42.729	ng	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	597907	36.086	ng	98
84) Di-n-octyl phthalate	14.72	149	1120437	43.505	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	621331	32.624	ng #	93
87) Benzo(b)fluoranthene	15.22	252	679945	36.787	ng	98
88) Benzo(k)fluoranthene	15.25	252	863889	47.706	ng	98
89) Benzo(a)pyrene	15.62	252	669085	39.573	ng	98
90) Dibenzo(a,h)anthracene	17.27	278	541300	37.037	ng	96
91) Benzo(g,h,i)perylene	17.74	276	484083	33.579	ng	94

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

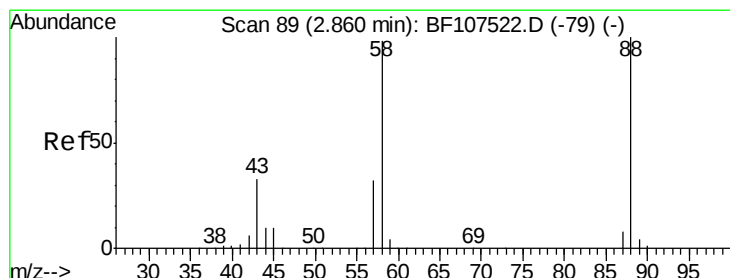
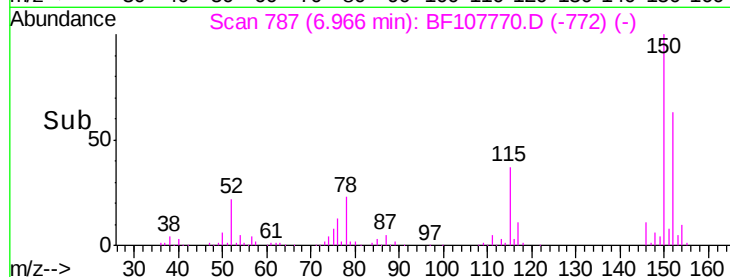
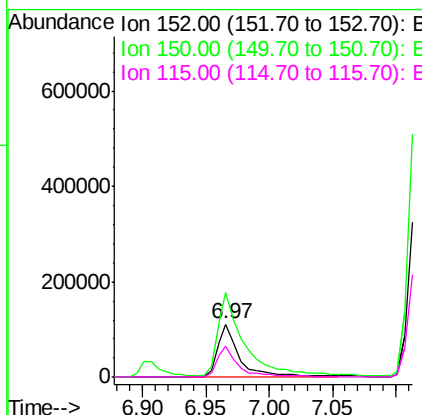
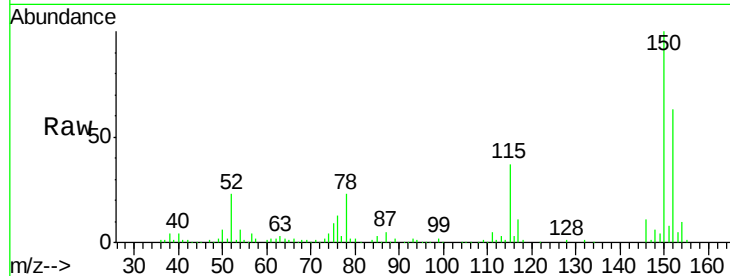


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

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BNA_F
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SSTDCCC040

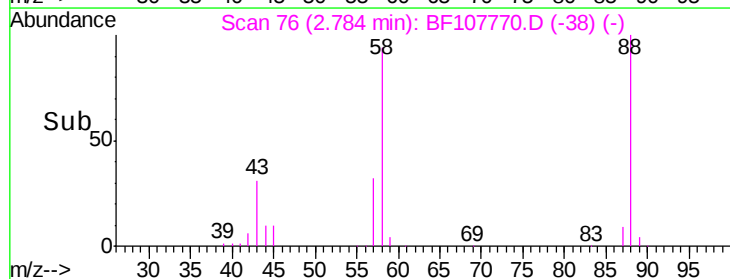
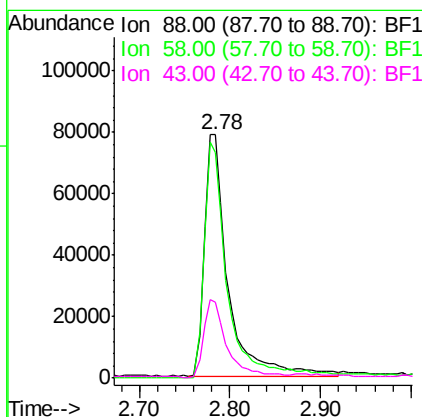
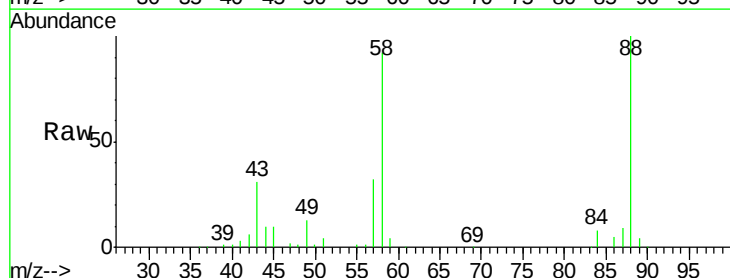
Tgt Ion:152 Resp: 139877
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 58.5 50.1 75.1

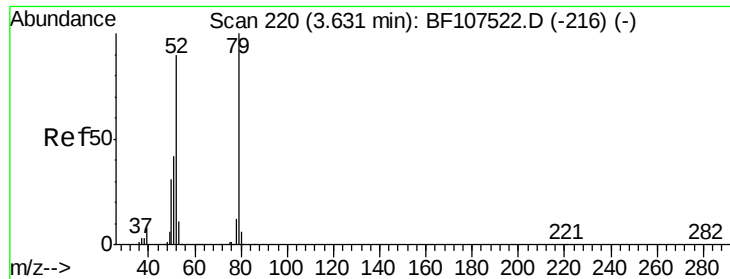


#2

1,4-Dioxane
Concen: 35.834 ng
RT: 2.78 min Scan# 76
Delta R.T. -0.08 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion: 88 Resp: 145104
Ion Ratio Lower Upper
88 100
58 97.1 62.6 93.8#
43 30.9 24.6 37.0





#3

Pyridine

Concen: 29.120 ng

RT: 3.59 min Scan# 213

Delta R.T. -0.04 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

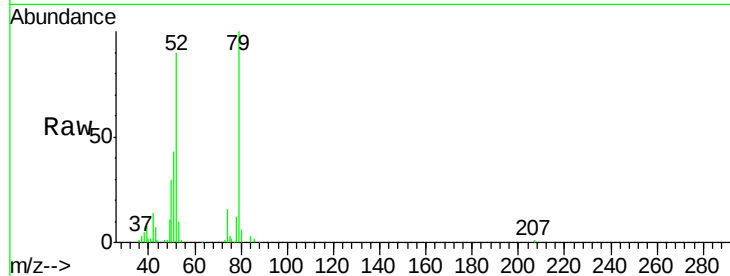
Tgt Ion: 79 Resp: 320790

Ion Ratio Lower Upper

79 100

52 89.9 59.8 89.6#

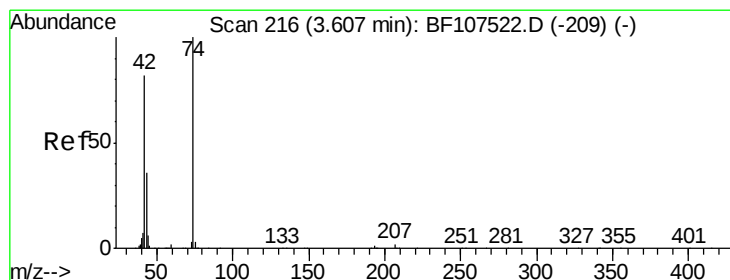
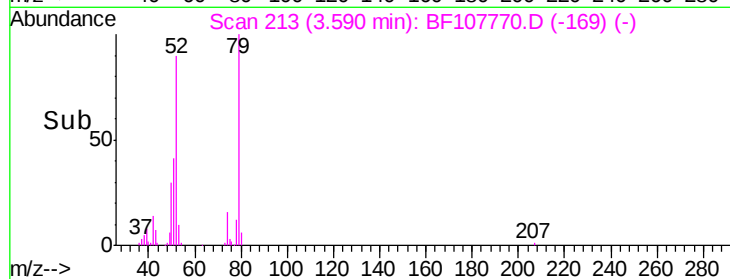
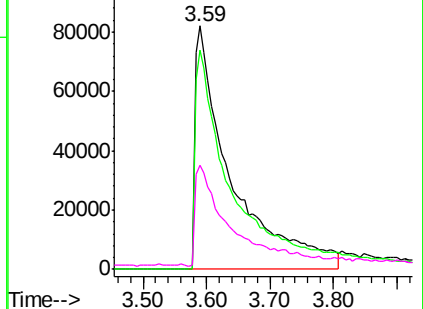
51 42.9 29.8 44.8



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: 18.438 ng

RT: 3.57 min Scan# 209

Delta R.T. -0.04 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

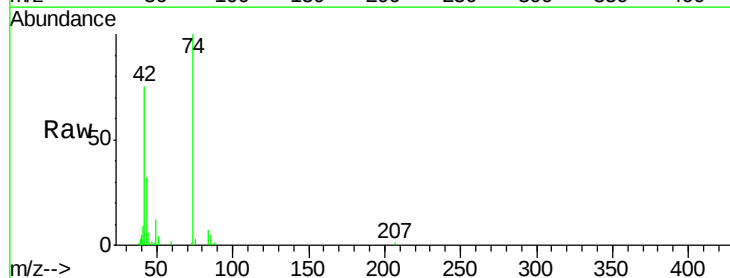
Tgt Ion: 42 Resp: 85665

Ion Ratio Lower Upper

42 100

74 133.9 104.9 157.3

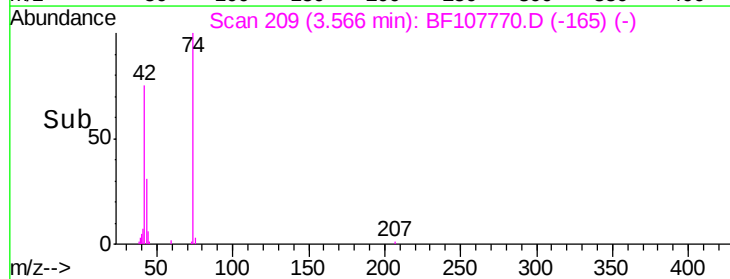
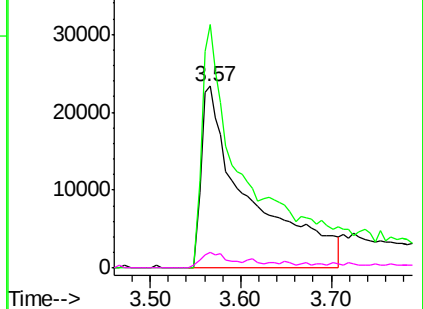
44 8.6 6.9 10.3

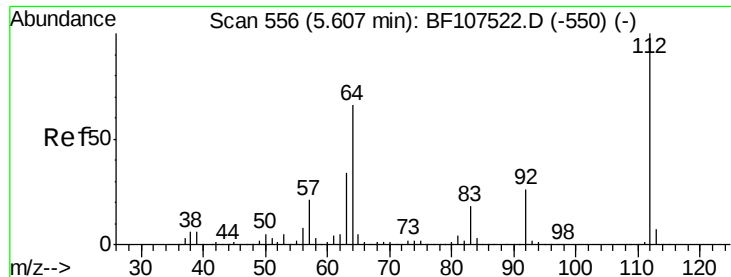


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.949 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

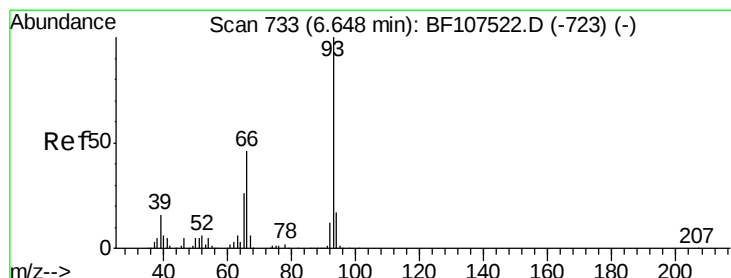
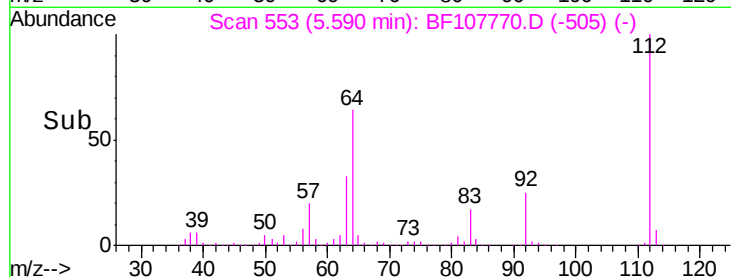
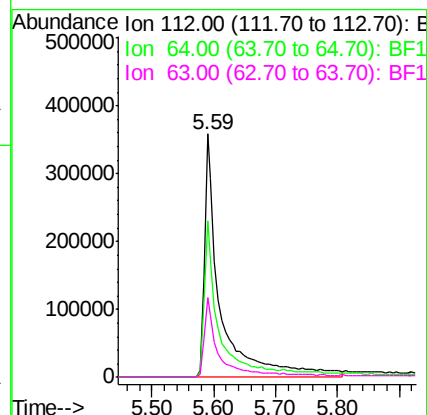
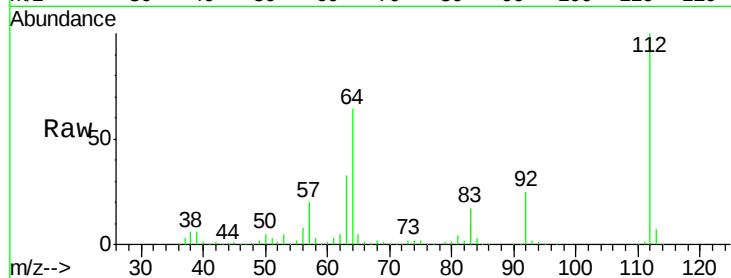
Instrument :

BNA_F

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SSTDCCC040

Tgt Ion:	112	Resp:	660744
Ion Ratio	Lower	Upper	
112	100		
64	64.2	47.9	71.9
63	32.9	23.7	35.5



#6

Aniline

Concen: 33.226 ng

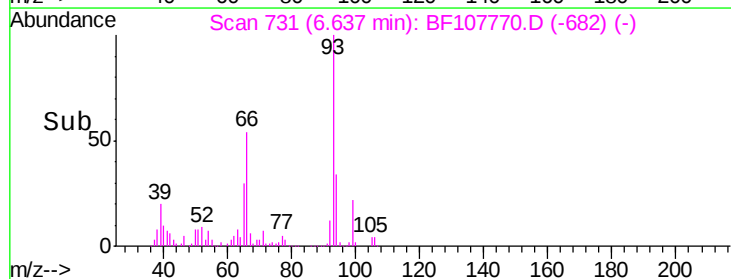
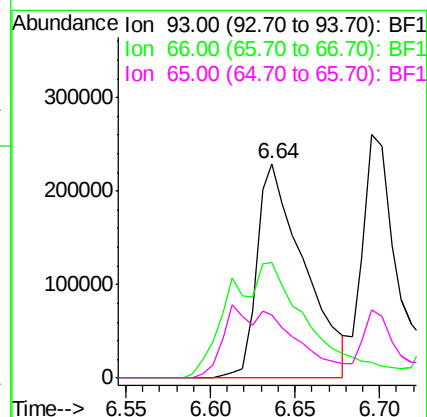
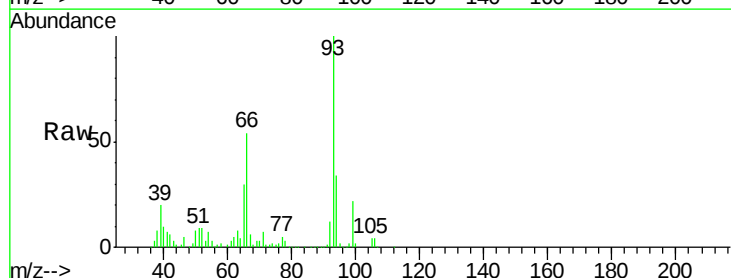
RT: 6.64 min Scan# 731

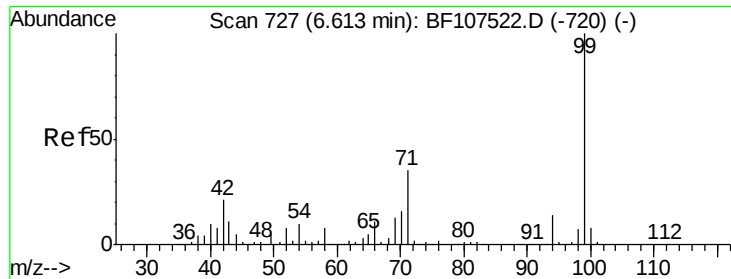
Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Tgt Ion:	93	Resp:	447665
Ion Ratio	Lower	Upper	
93	100		
66	53.9	32.2	48.2#
65	29.5	16.4	24.6#





#7

Phenol-d6

Concen: 78.821 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

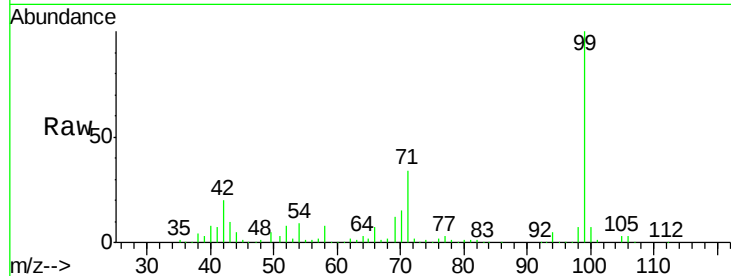
Tgt Ion: 99 Resp: 823382

Ion Ratio Lower Upper

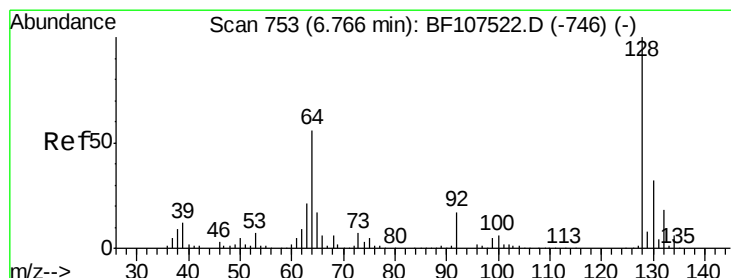
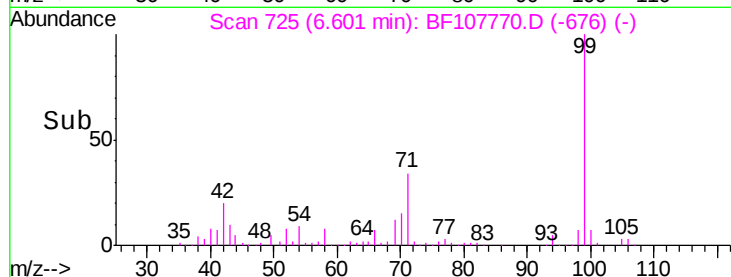
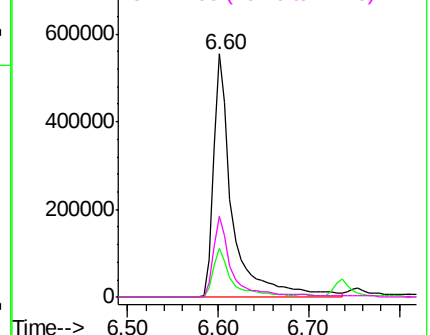
99 100

42 19.9 14.5 21.7

71 33.5 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: 41.996 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

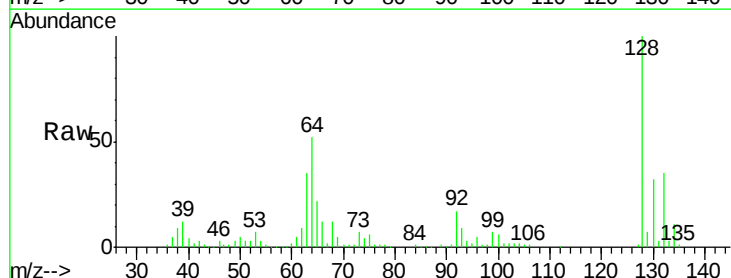
Tgt Ion: 128 Resp: 391433

Ion Ratio Lower Upper

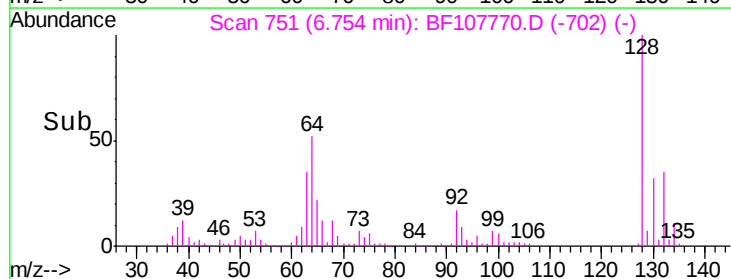
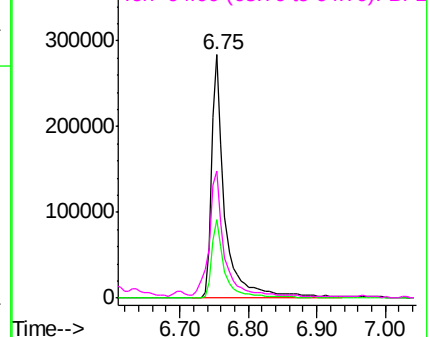
128 100

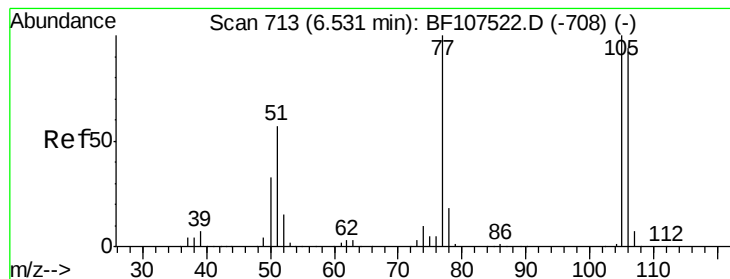
130 32.3 13.0 53.0

64 52.4 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: 32.080 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

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BNA_F

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SSTDCCC040

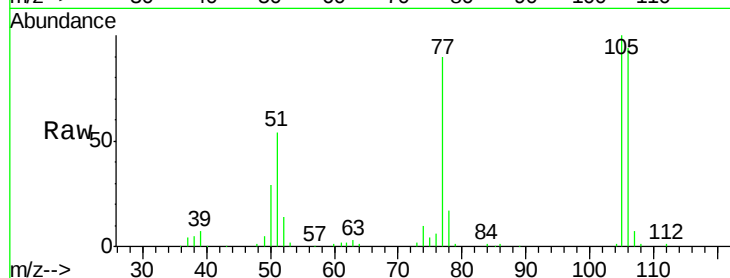
Tgt Ion: 77 Resp: 213666

Ion Ratio Lower Upper

77 100

105 110.8 81.1 121.1

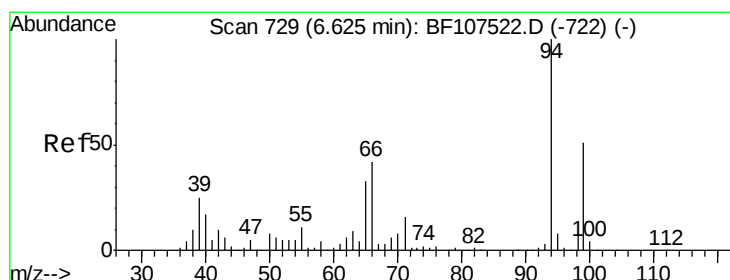
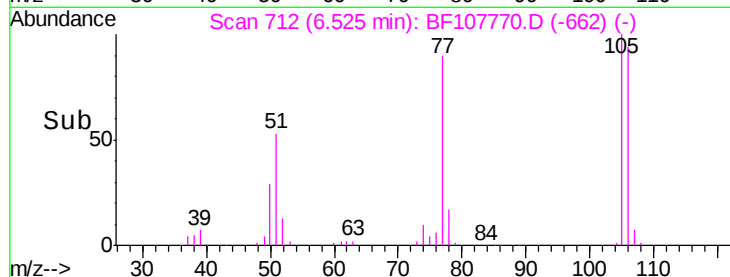
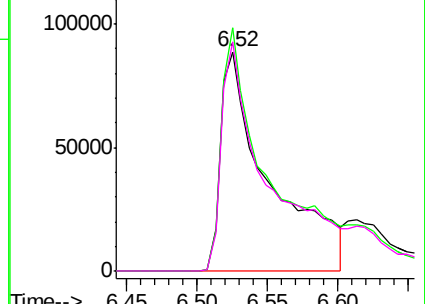
106 104.4 74.5 114.5



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: 34.940 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

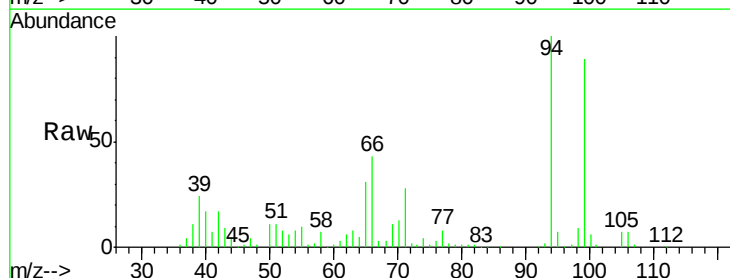
Tgt Ion: 94 Resp: 429250

Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

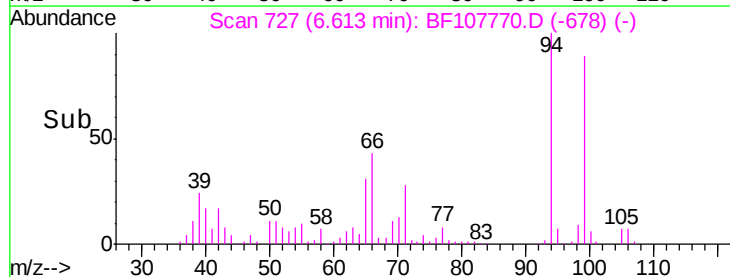
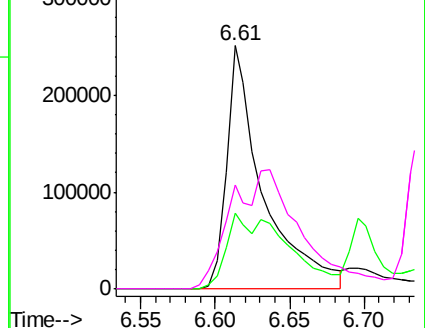
66 42.9 16.2 56.2

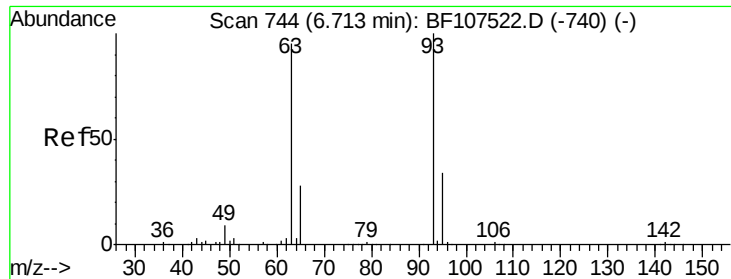


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.461 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

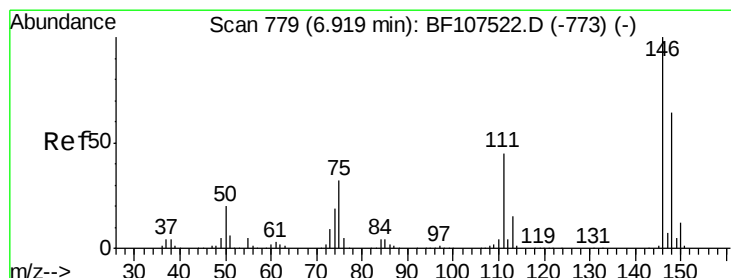
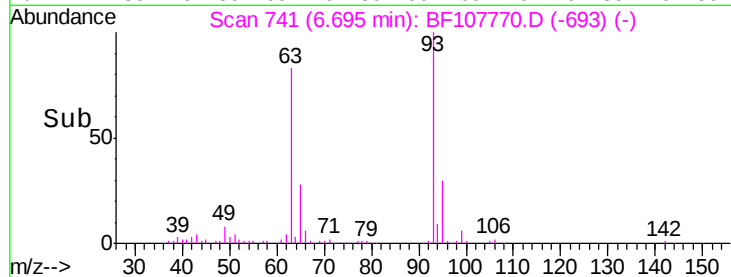
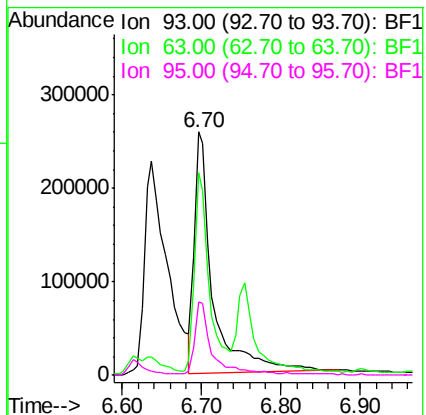
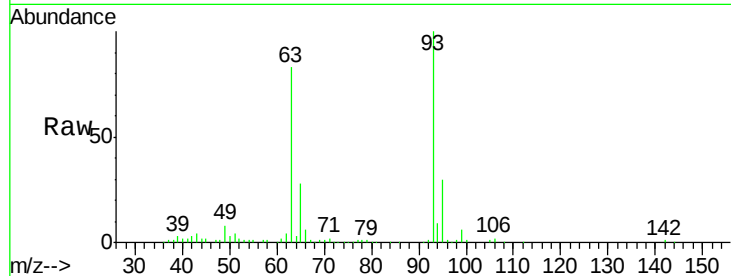
Tgt Ion: 93 Resp: 422294

Ion Ratio Lower Upper

93 100

63 83.3 58.6 98.6

95 30.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.298 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

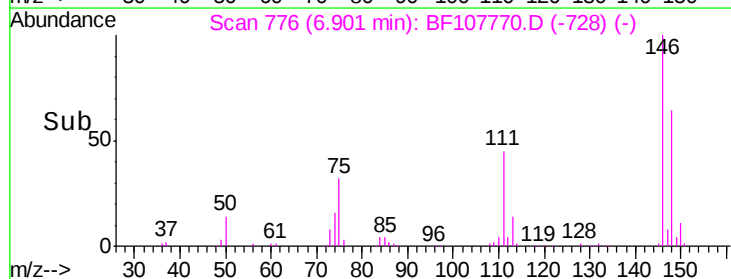
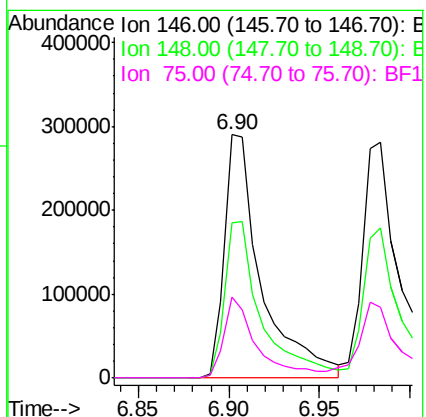
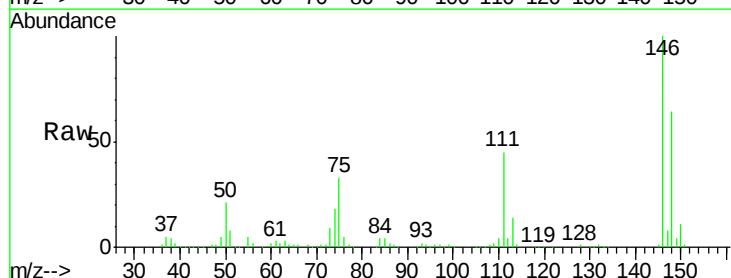
Tgt Ion: 146 Resp: 415287

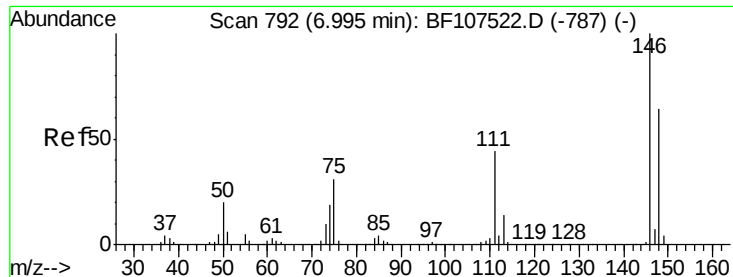
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

75 33.4 24.2 36.4

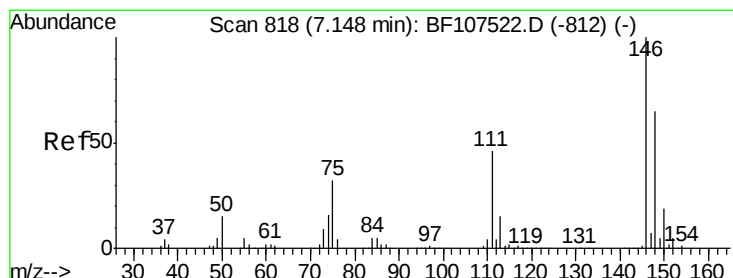
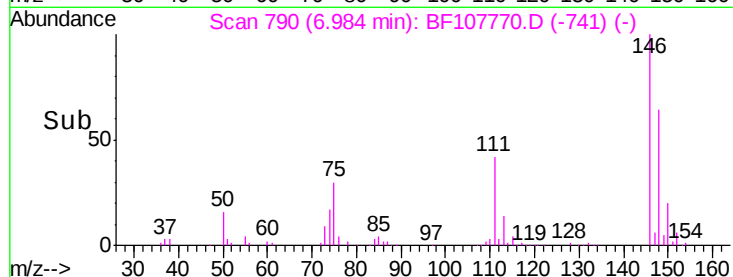
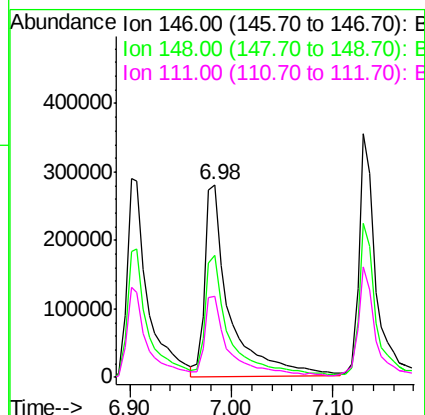
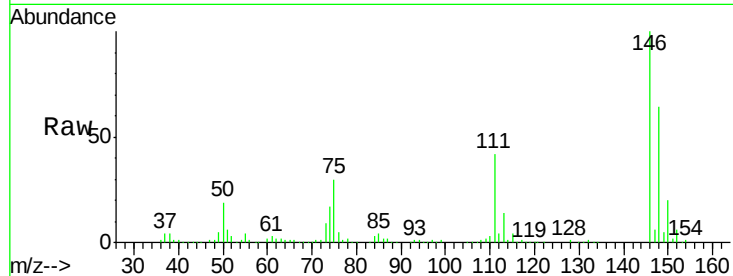




#13
 1,4-Dichlorobenzene
 Concen: 44.121 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

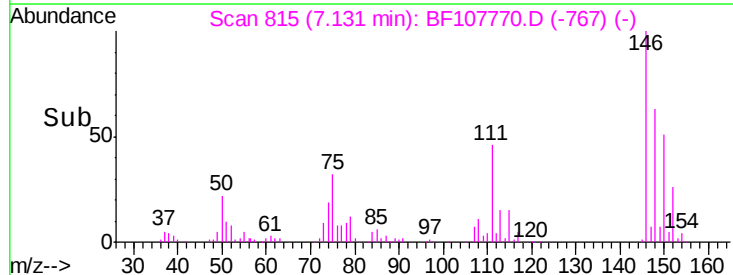
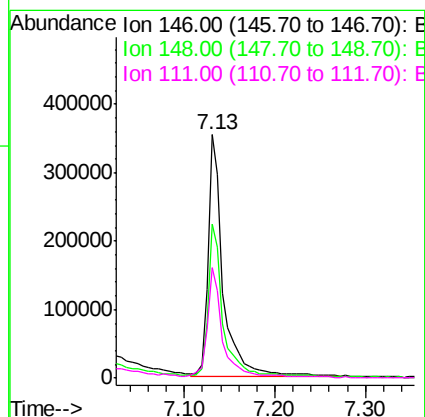
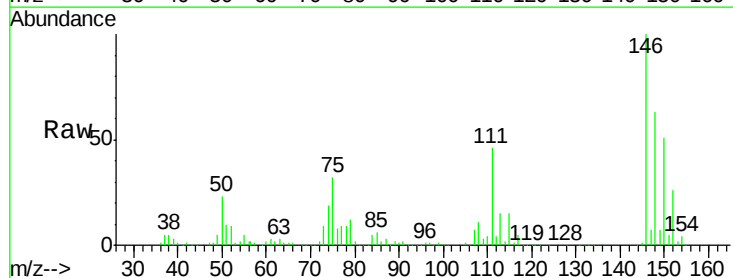
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

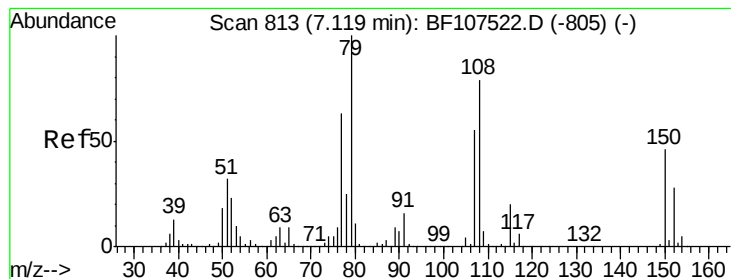
Tgt Ion:146 Resp: 477884
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 42.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.804 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

Tgt Ion:146 Resp: 416058
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 45.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.388 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

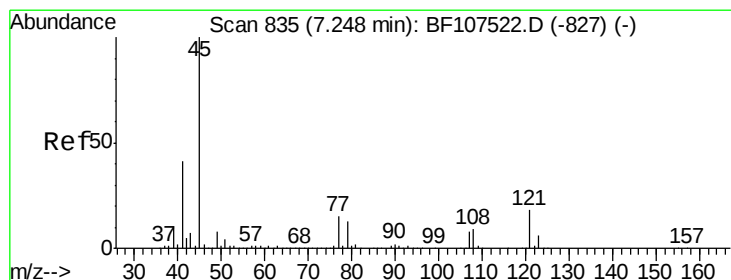
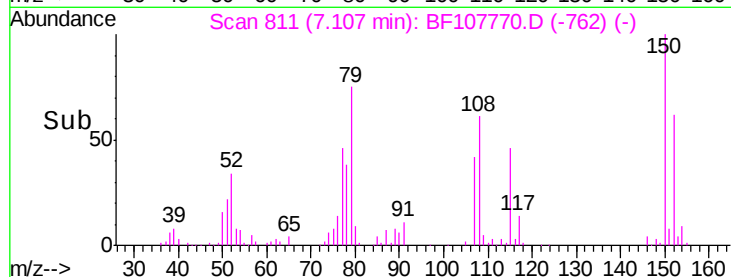
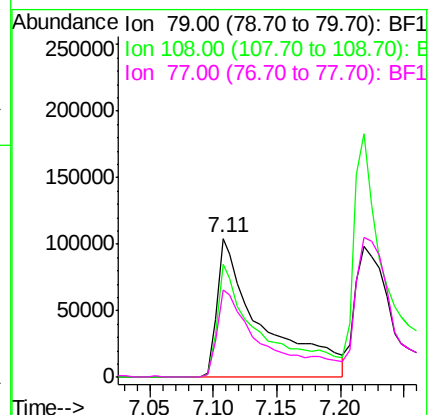
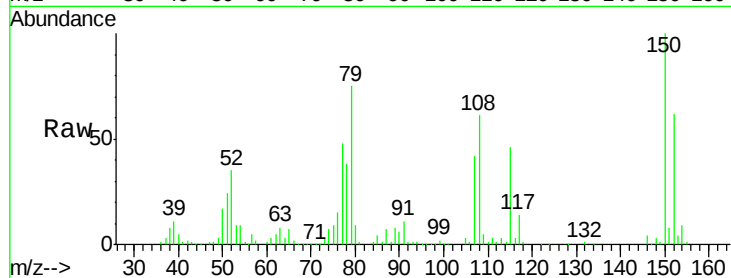
Tgt Ion: 79 Resp: 259063

Ion Ratio Lower Upper

79 100

108 81.8 65.1 97.7

77 63.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.847 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

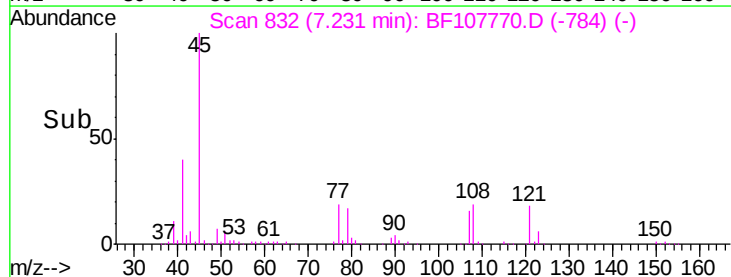
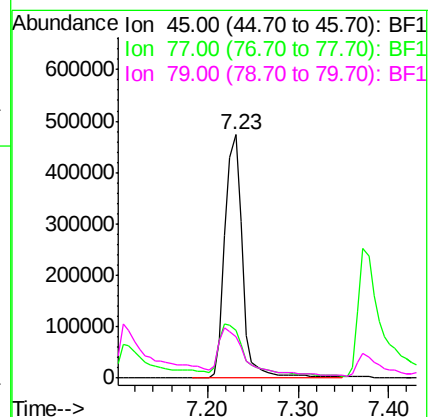
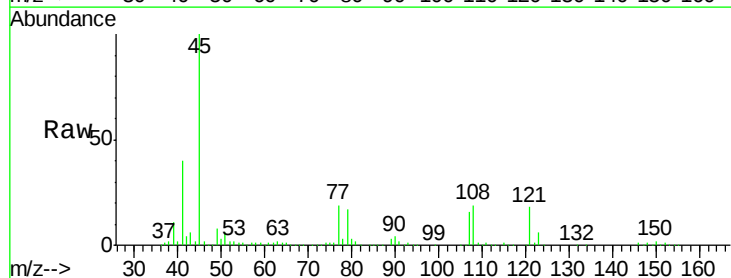
Tgt Ion: 45 Resp: 633157

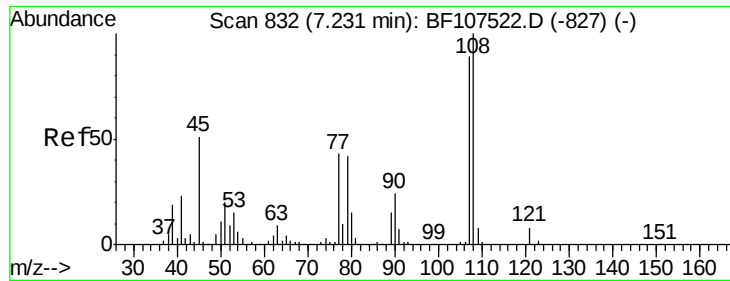
Ion Ratio Lower Upper

45 100

77 19.4 0.0 32.9

79 17.2 0.0 29.6

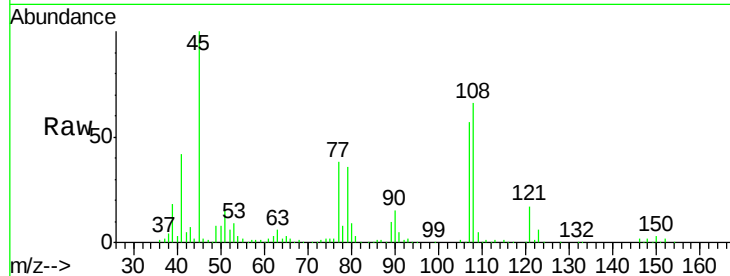




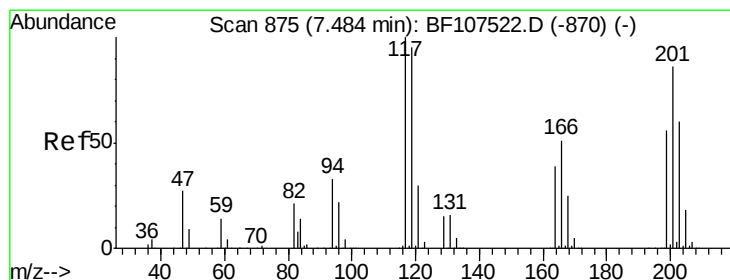
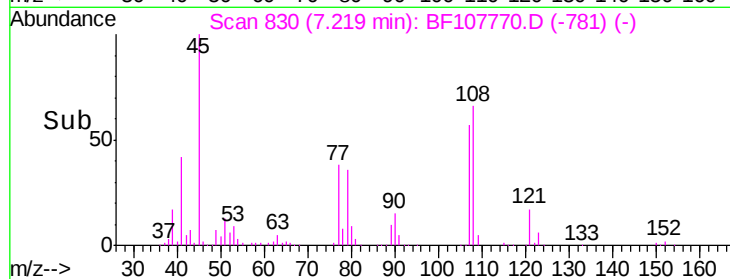
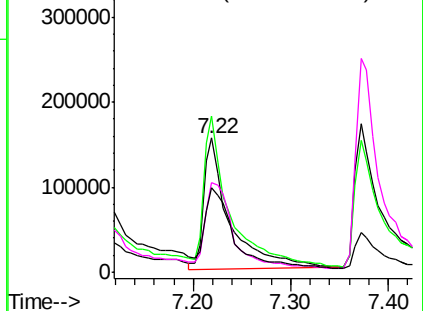
#17
2-Methylphenol
Concen: 36.145 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 286341
Ion Ratio Lower Upper
107 100
108 116.3 91.7 137.5
77 67.0 33.8 50.8#
79 62.7 33.8 50.8#

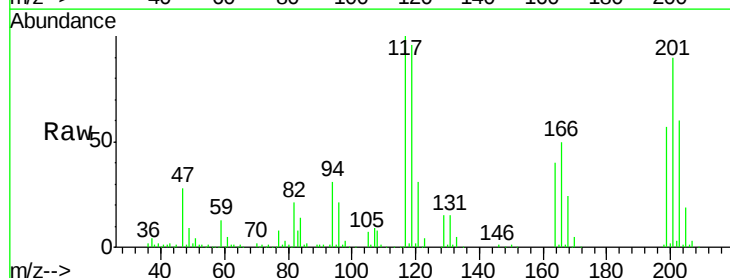


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

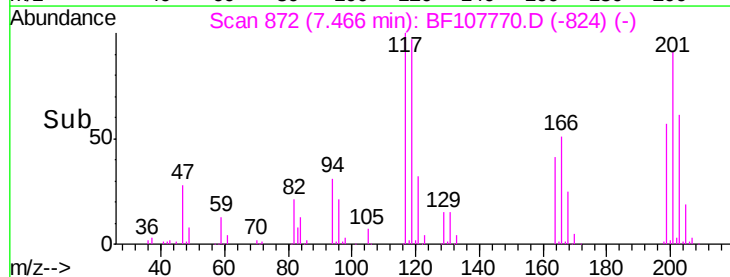
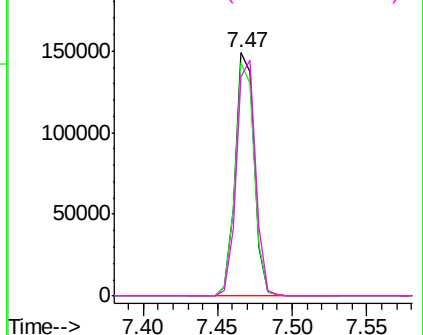


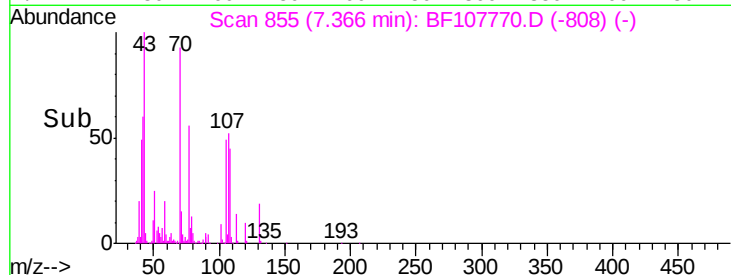
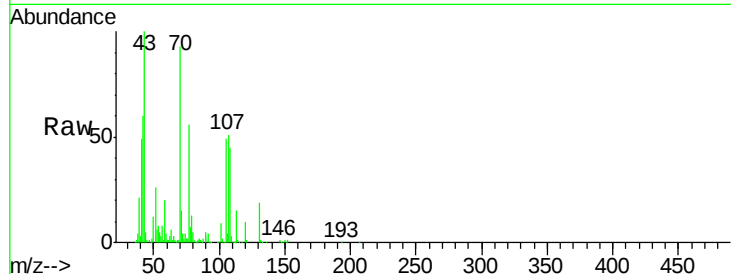
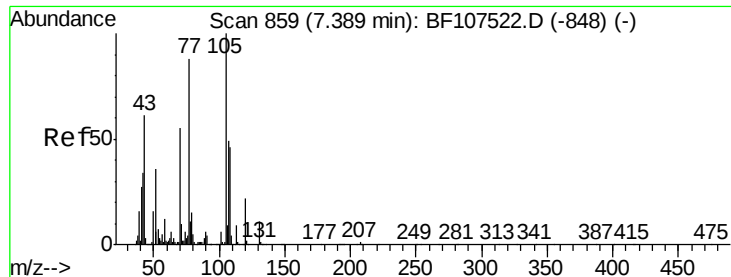
#18
Hexachloroethane
Concen: 35.392 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion:117 Resp: 134456
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 90.3 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

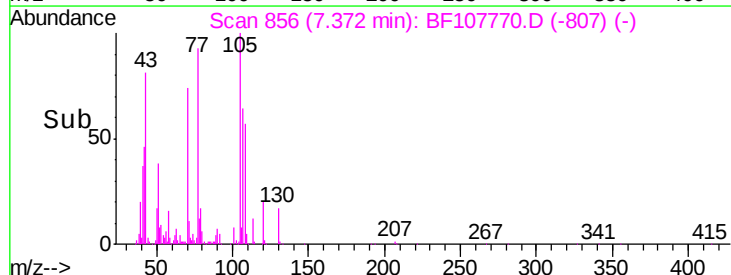
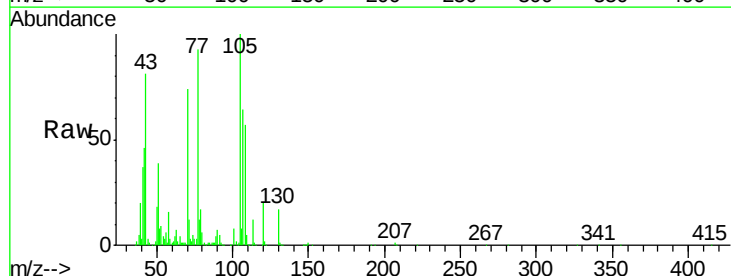
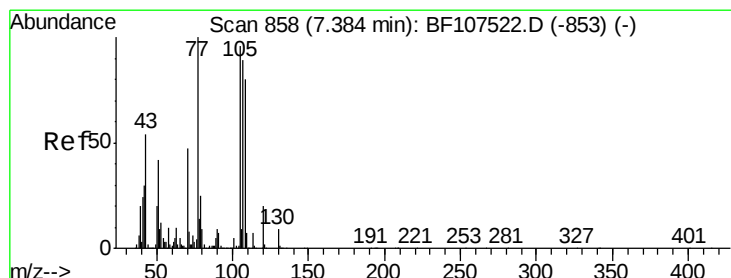
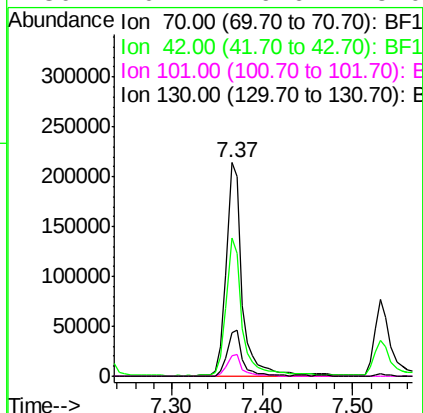




#19
n-Nitroso-di-n-propylamine
Concen: 39.121 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

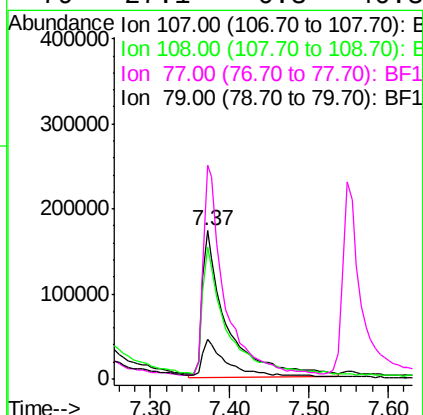
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

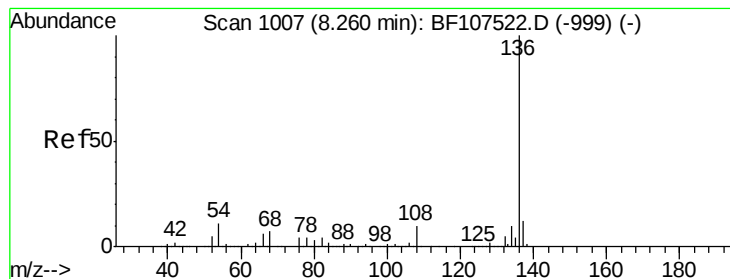
Tgt Ion:	70	Resp:	264005
Ion	Ratio	Lower	Upper
70	100		
42	64.8	47.5	71.3
101	9.4	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.395 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion:	107	Resp:	379994
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	144.2	26.7	66.7#
79	27.1	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: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 546649

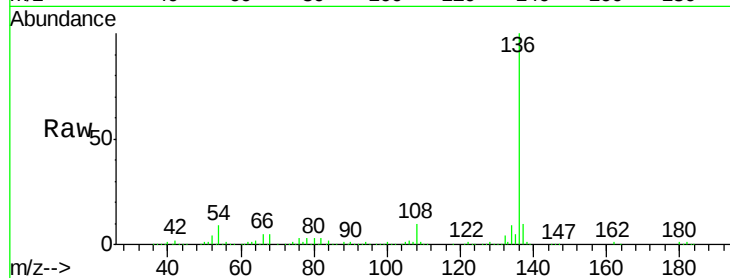
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 9.0 6.6 9.8

68 5.2 5.0 7.4

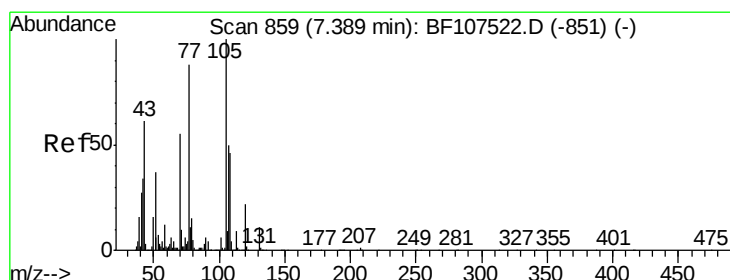
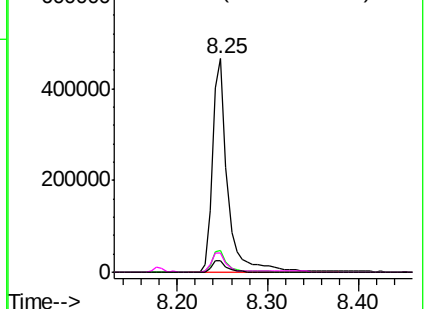
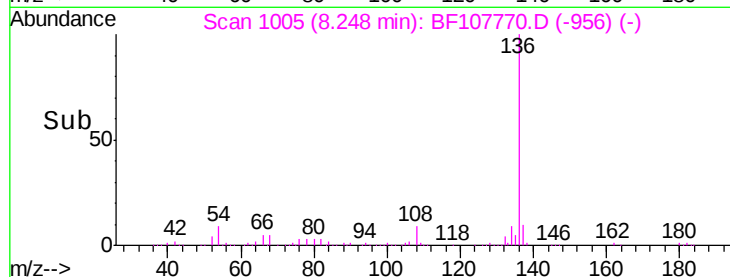


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.724 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Tgt Ion:105 Resp: 522812

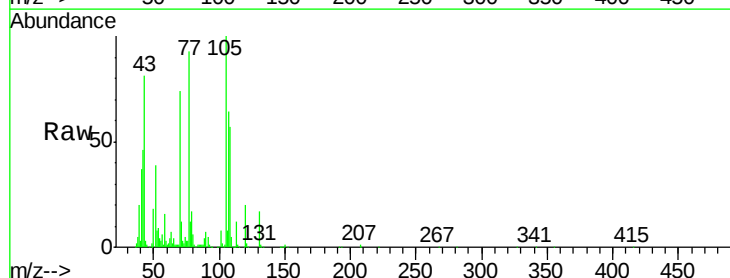
Ion Ratio Lower Upper

105 100

71 11.6 4.4 6.6#

51 38.6 22.3 33.5#

120 20.3 16.9 25.3

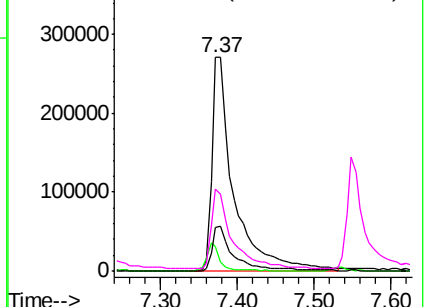
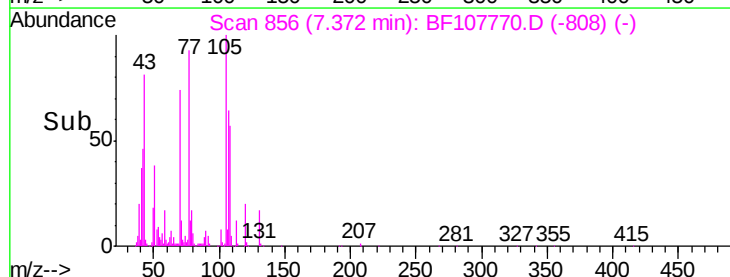


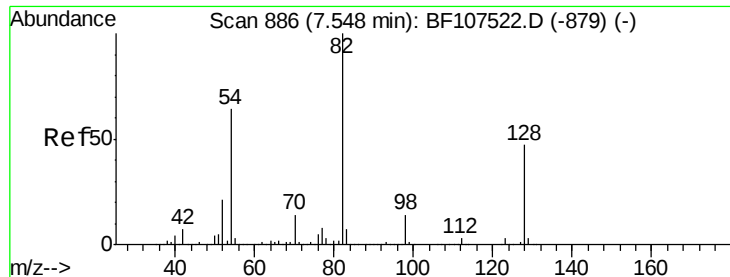
Abundance Ion 105.00 (104.70 to 105.70): E

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

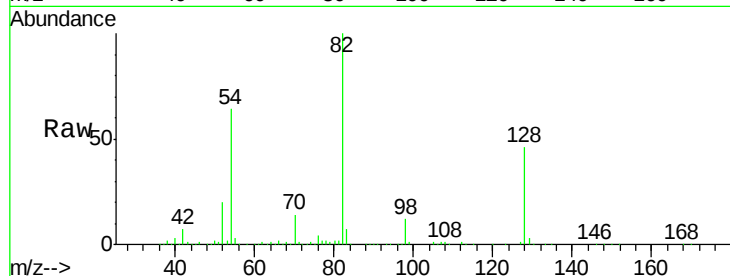




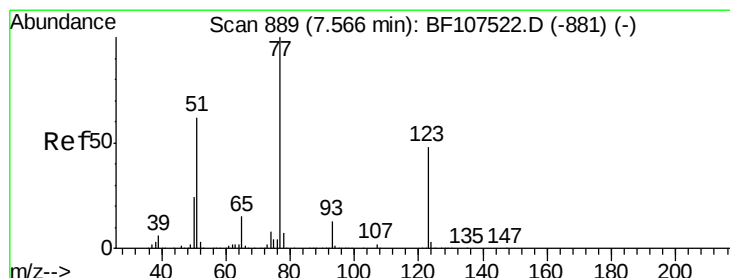
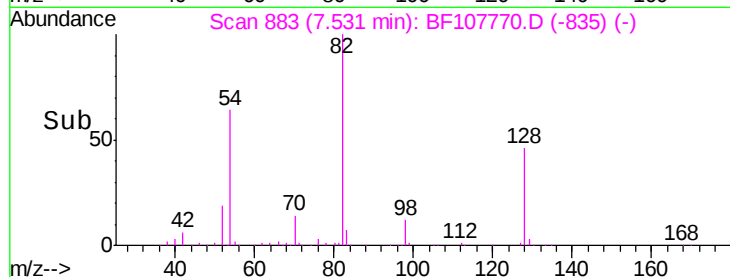
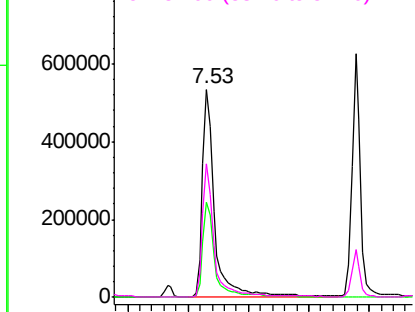
#23
 Nitrobenzene-d5
 Concen: 96.072 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 778184
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 64.0 41.4 62.2#

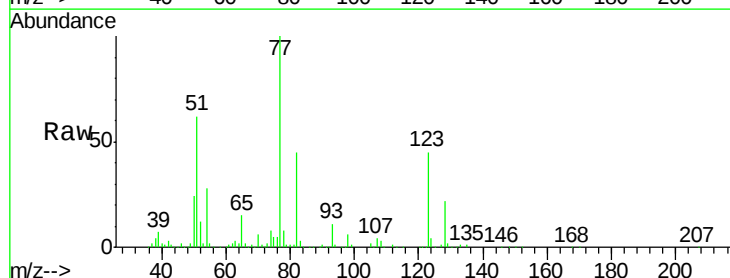


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

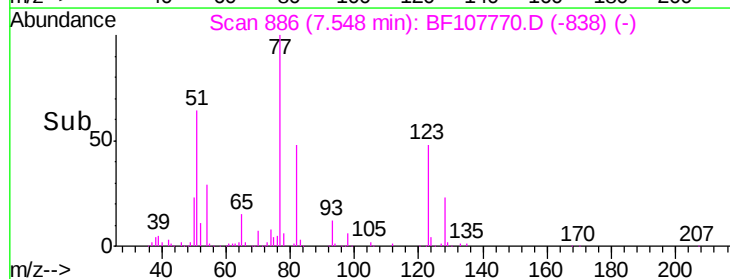
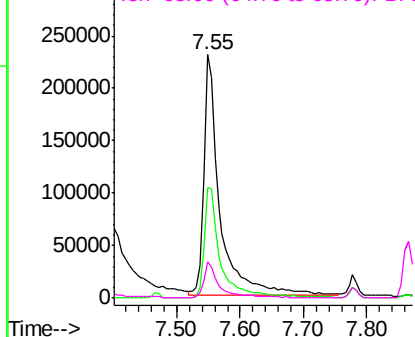


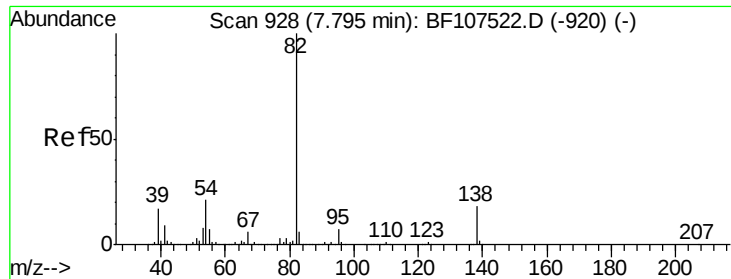
#24
 Nitrobenzene
 Concen: 43.173 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

Tgt Ion: 77 Resp: 400536
 Ion Ratio Lower Upper
 77 100
 123 45.4 37.9 56.9
 65 14.9 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: 36.643 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

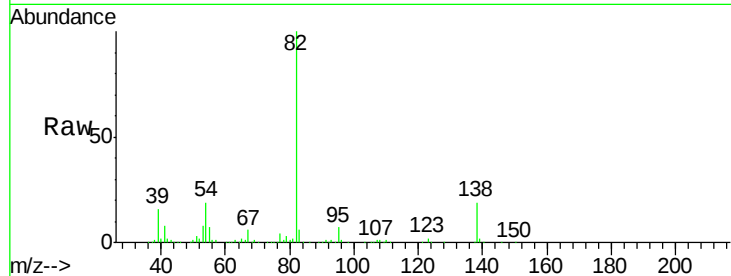
Tgt Ion: 82 Resp: 633735

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

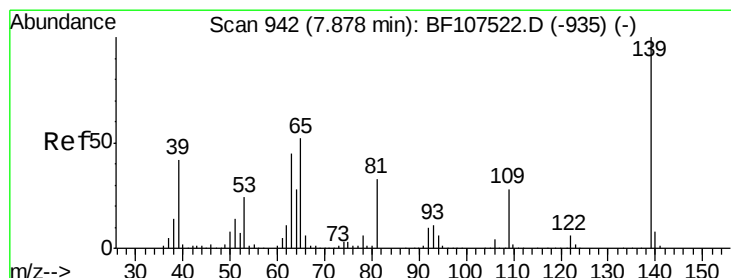
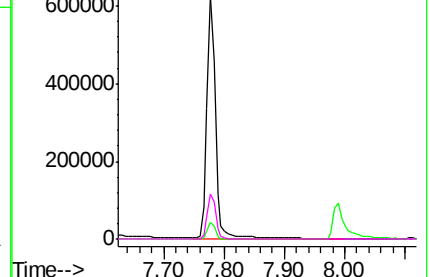
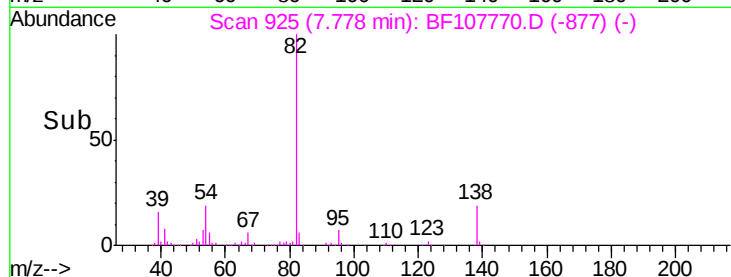
138 18.8 14.9 22.3



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: 50.305 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

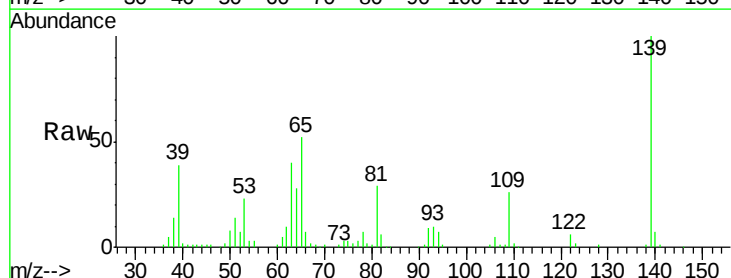
Tgt Ion: 139 Resp: 197087

Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

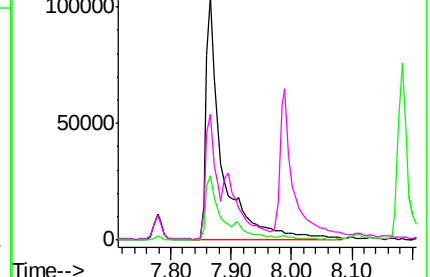
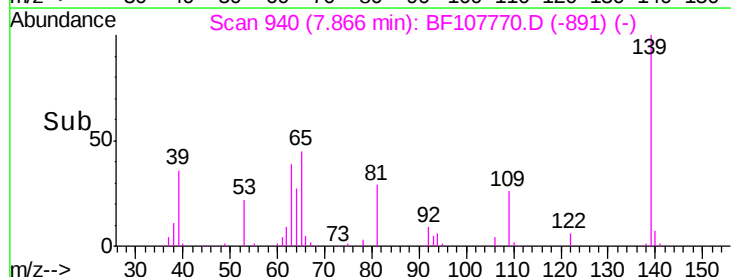
65 51.5 40.5 60.7

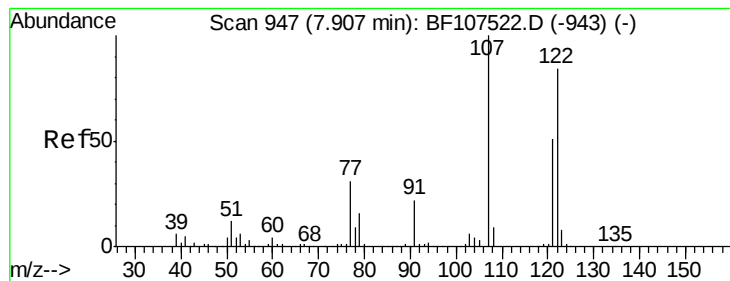


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.247 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

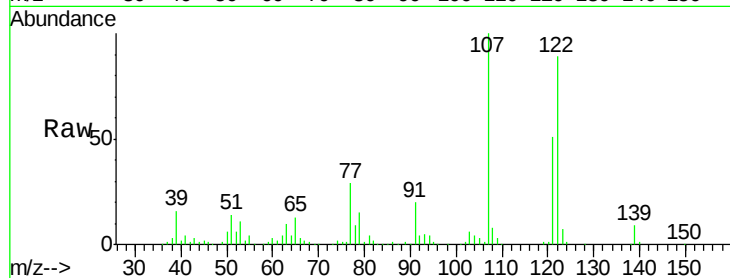
Tgt Ion:122 Resp: 276222

Ion Ratio Lower Upper

122 100

107 112.7 91.2 136.8

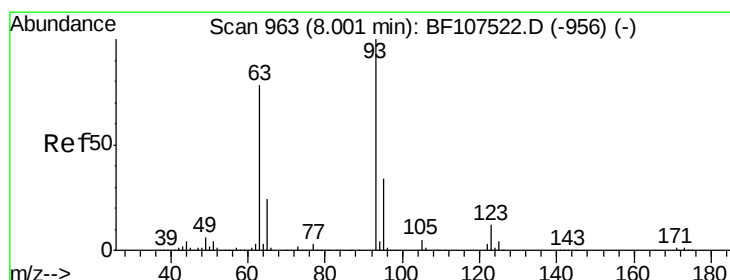
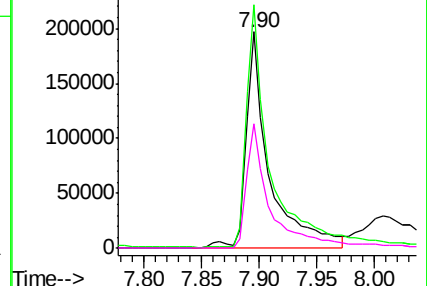
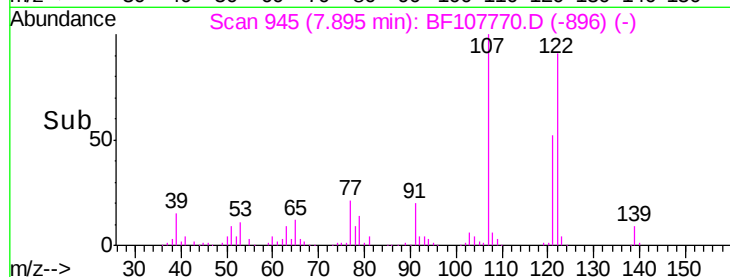
121 57.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.411 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

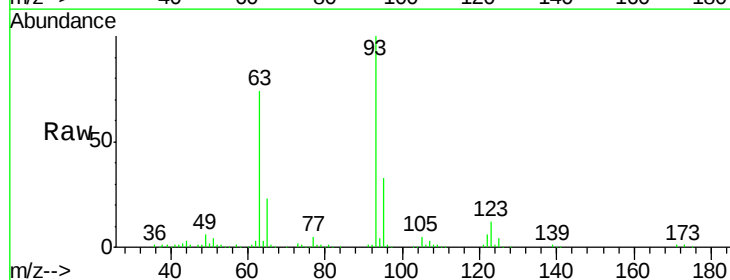
Tgt Ion: 93 Resp: 432400

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

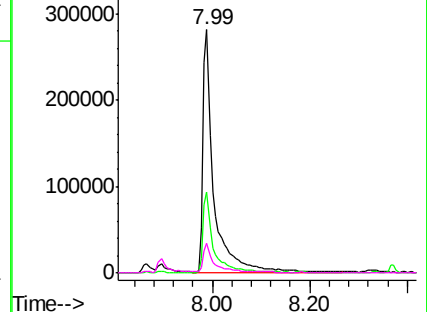
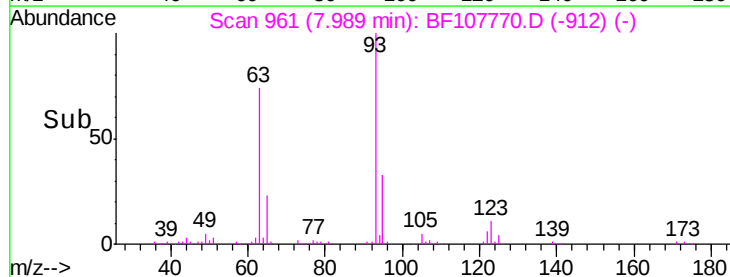
123 12.0 9.8 14.6

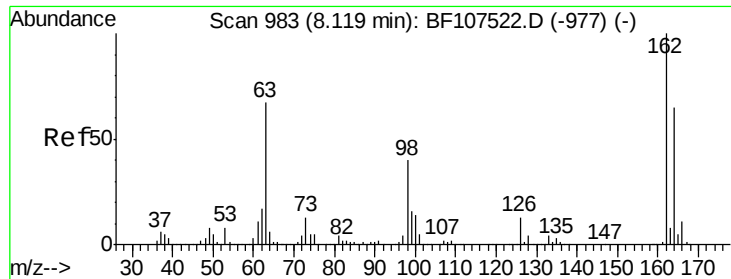


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

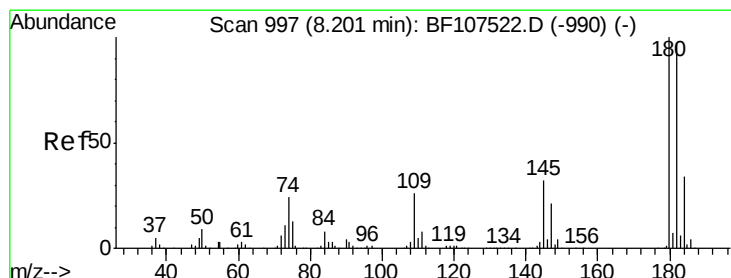
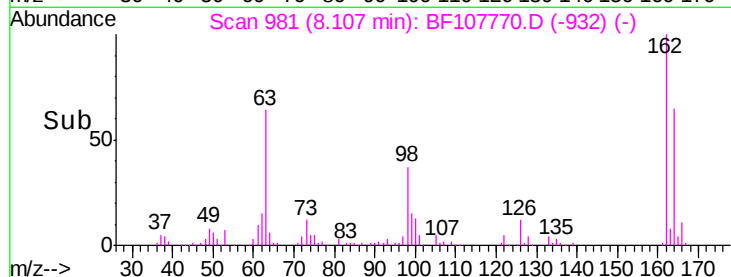
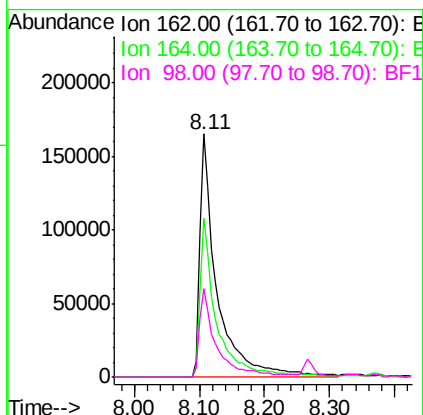
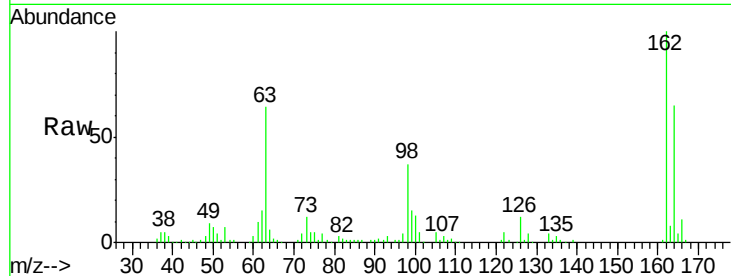




#29
2,4-Dichlorophenol
Concen: 40.159 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

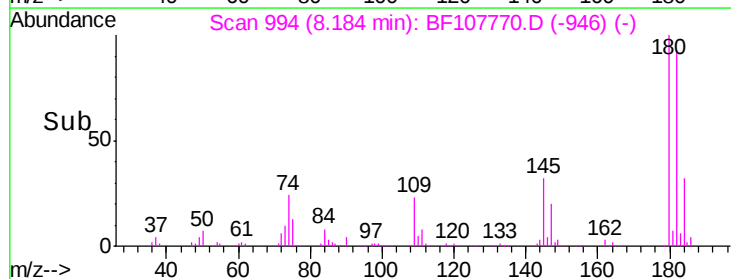
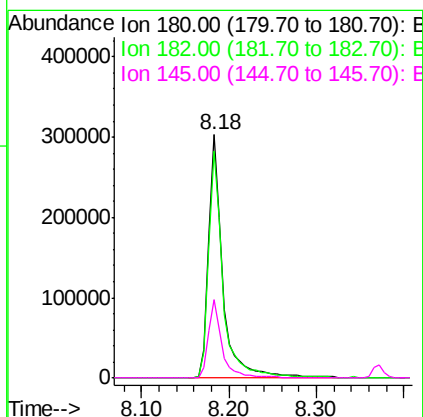
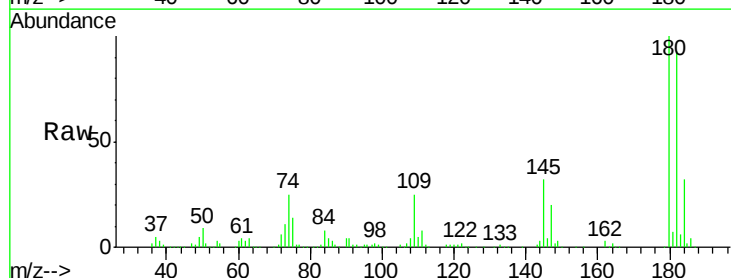
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

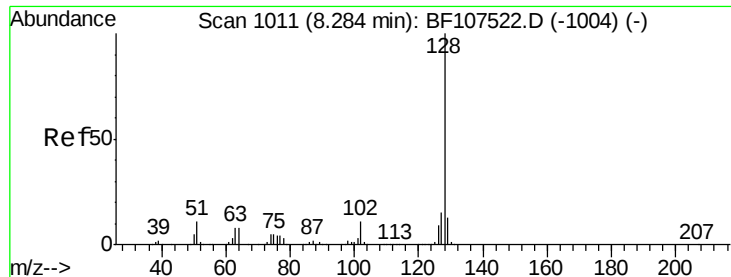
Tgt Ion:162 Resp: 304403
Ion Ratio Lower Upper
162 100
164 65.2 42.7 82.7
98 36.7 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.987 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion:180 Resp: 348938
Ion Ratio Lower Upper
180 100
182 93.4 76.8 115.2
145 32.4 26.5 39.7

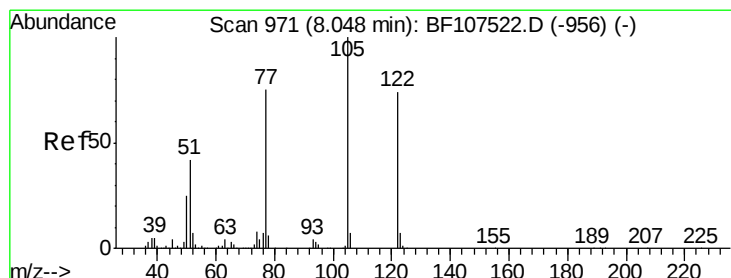
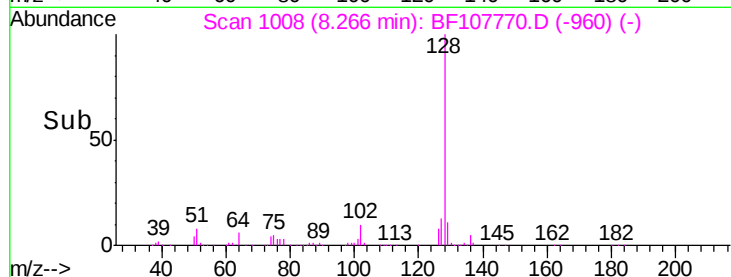
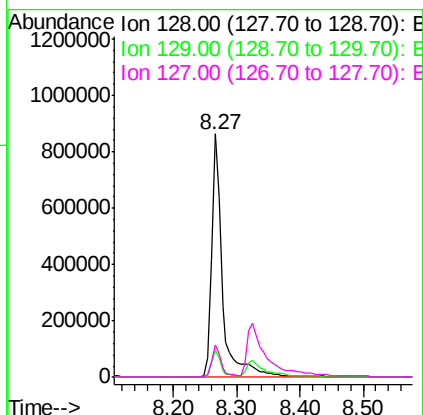
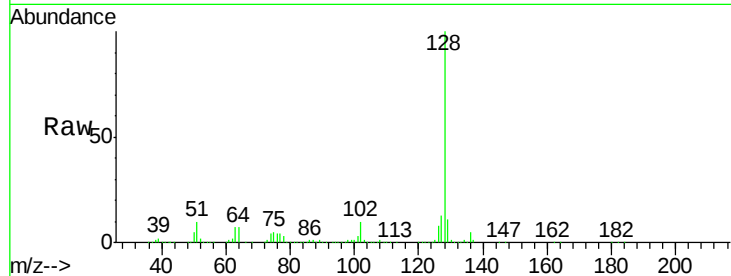




#31
Naphthalene
Concen: 43.009 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

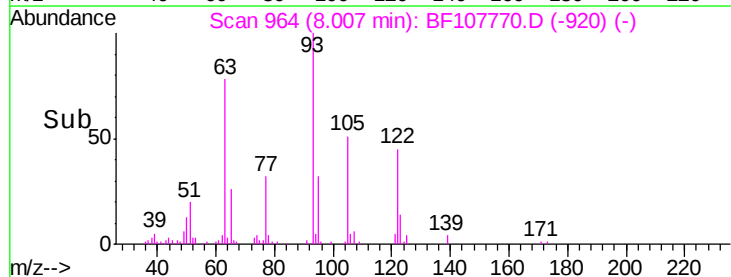
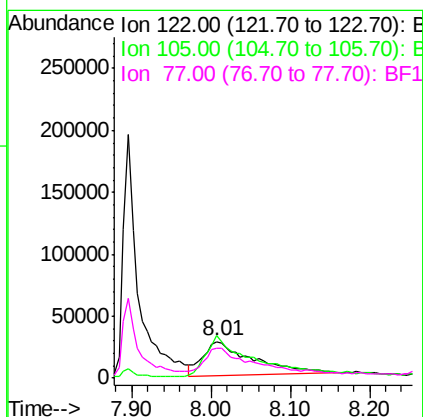
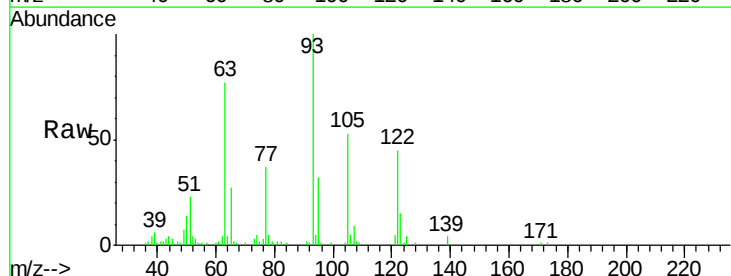
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

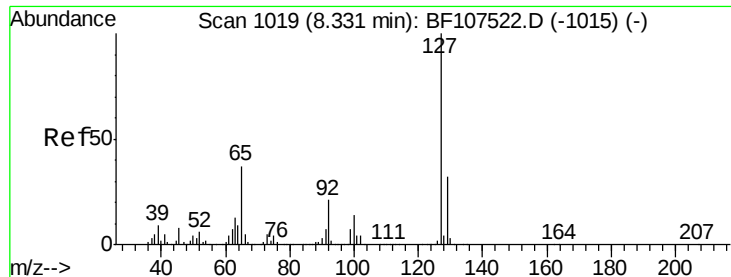
Tgt Ion:128 Resp: 1033881
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 26.729 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.04 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion:122 Resp: 116690
Ion Ratio Lower Upper
122 100
105 118.2 101.1 141.1
77 83.3 70.7 110.7

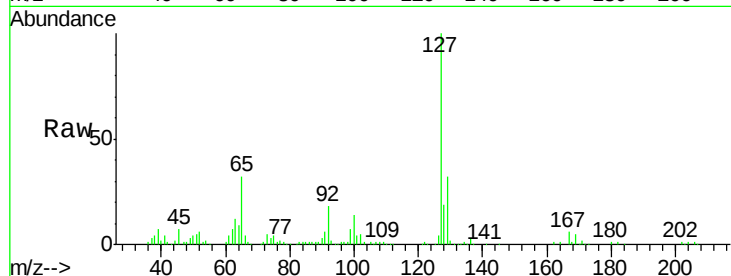




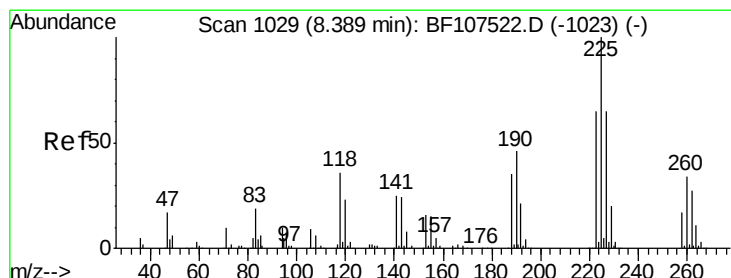
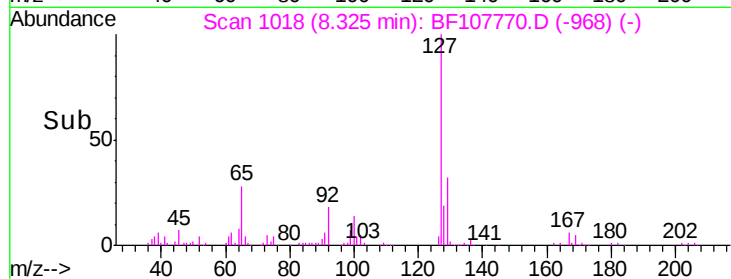
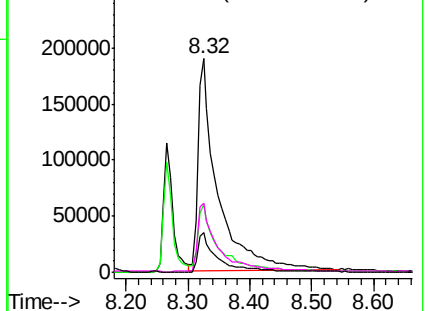
#33
4-Chloroaniline
Concen: 40.131 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	421643
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	32.3	25.0	37.4
92	18.4	15.2	22.8

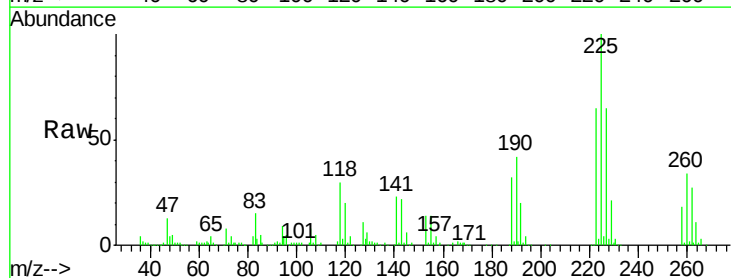


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

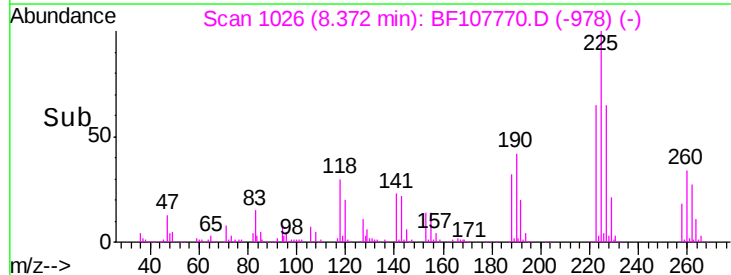
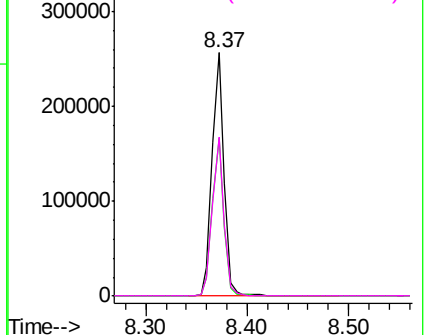


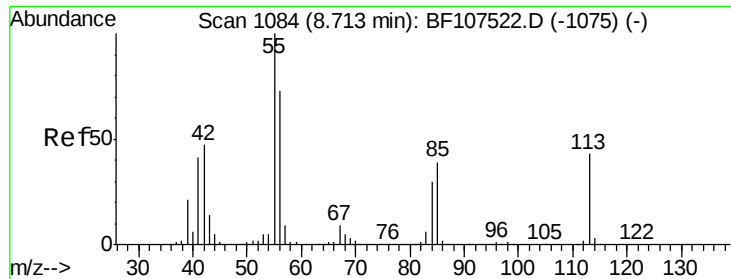
#34
Hexachlorobutadiene
Concen: 41.931 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion:	225	Resp:	212118
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	65.2	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: 32.358 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

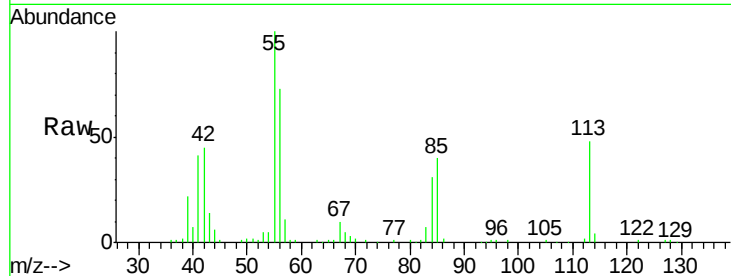
Tgt Ion:113 Resp: 79776

Ion Ratio Lower Upper

113 100

55 207.0 163.3 203.3#

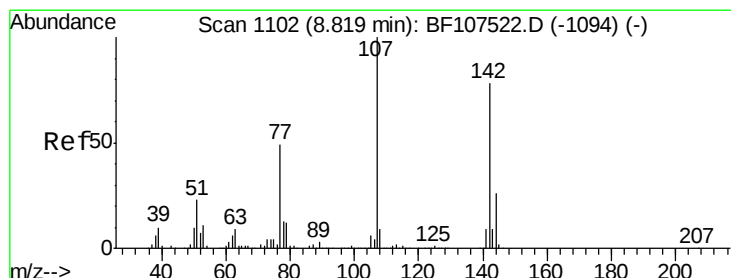
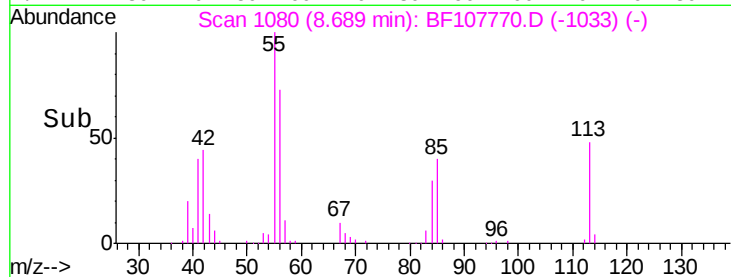
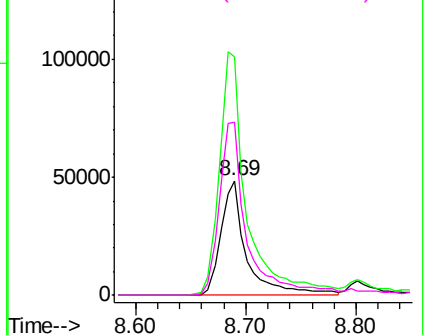
56 151.0 115.7 155.7



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: 36.184 ng

RT: 8.80 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

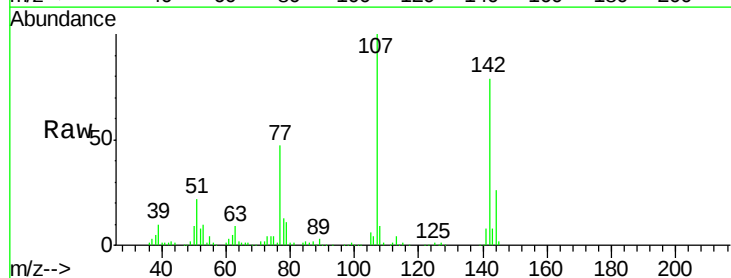
Tgt Ion:107 Resp: 304667

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

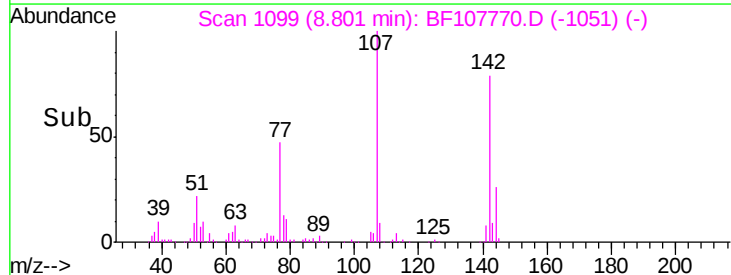
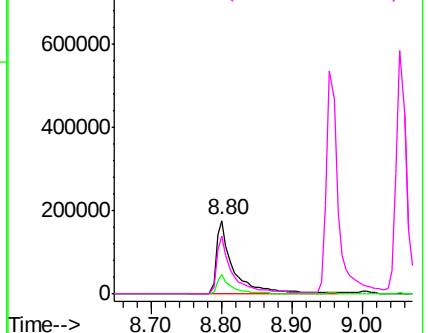
142 79.2 62.0 93.0

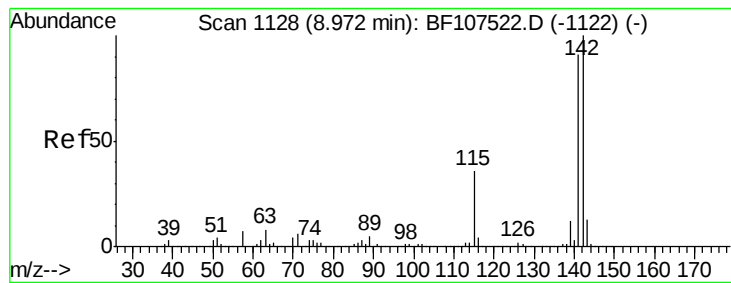


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

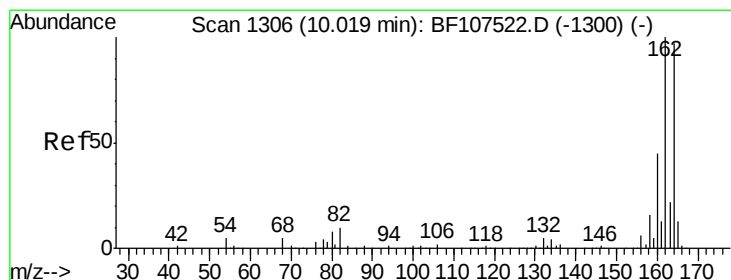
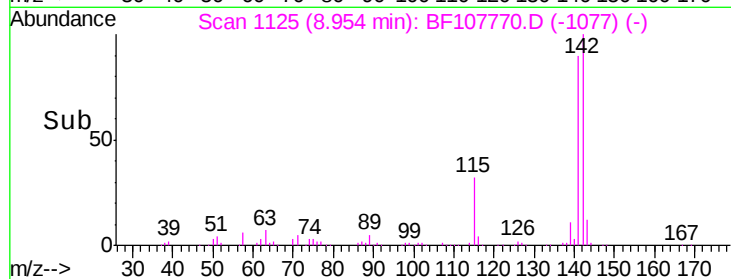
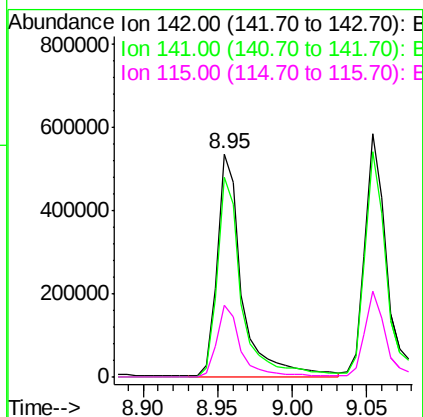
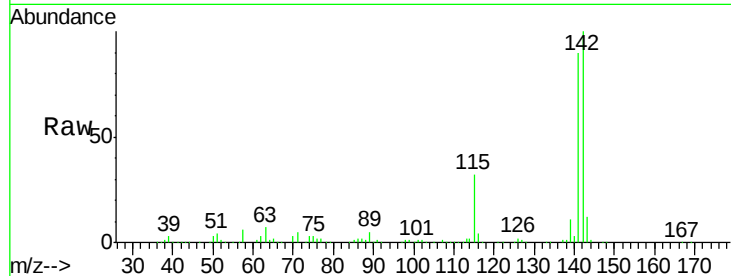




#37
 2-Methylnaphthalene
 Concen: 37.917 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

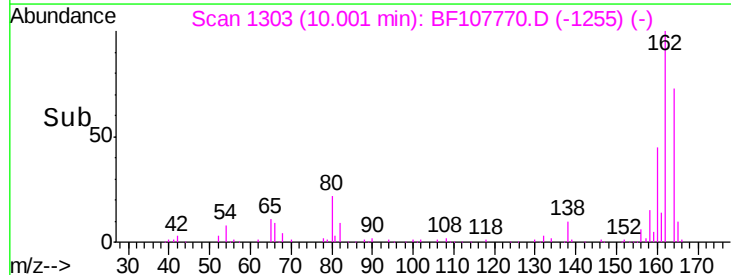
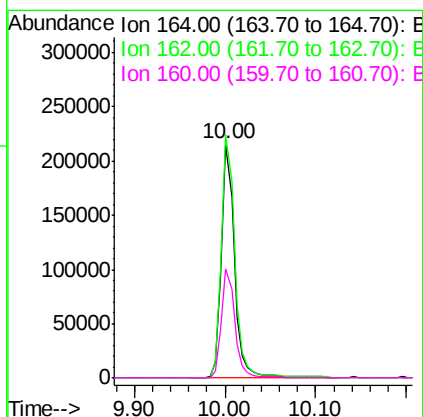
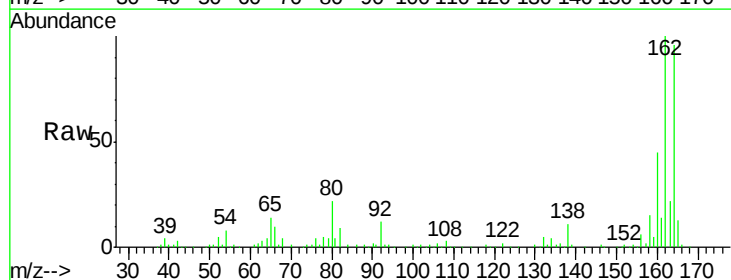
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

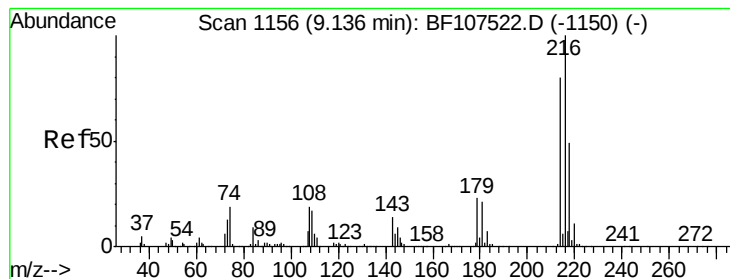
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	32.5	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.903 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 216 Resp: 321898

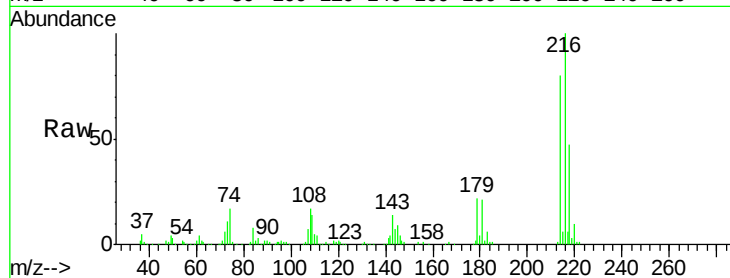
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 21.2 18.1 27.1

108 16.0 17.2 25.8#

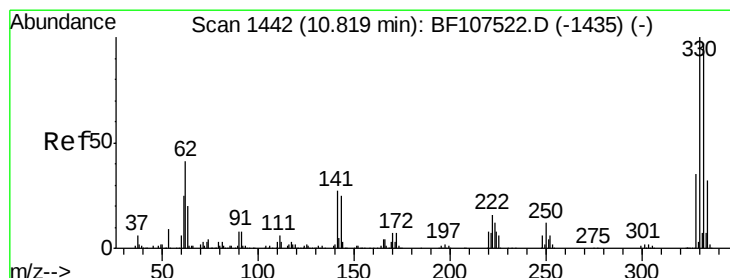
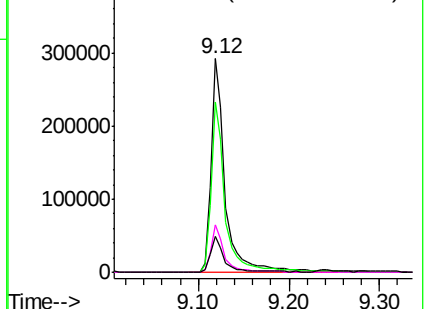
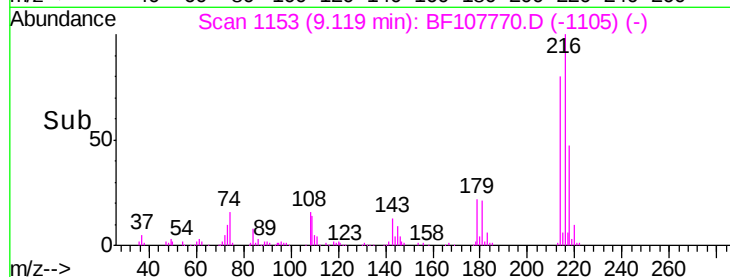


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 84.096 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

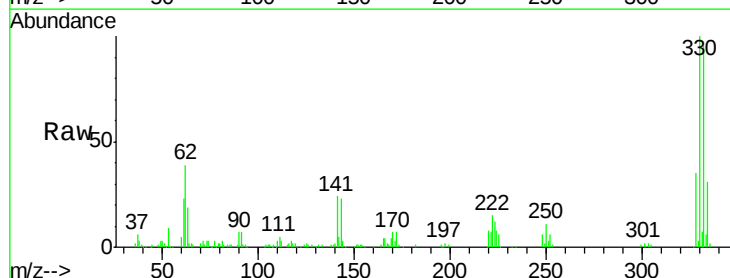
Tgt Ion: 330 Resp: 205537

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

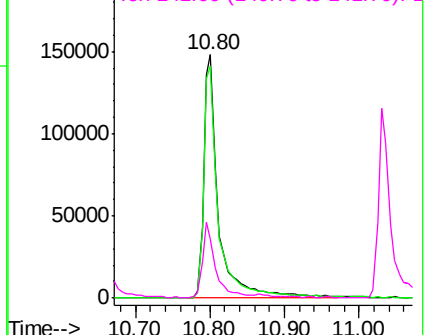
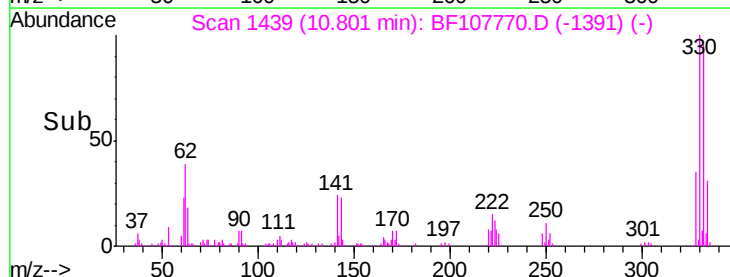
141 29.1 29.9 44.9#

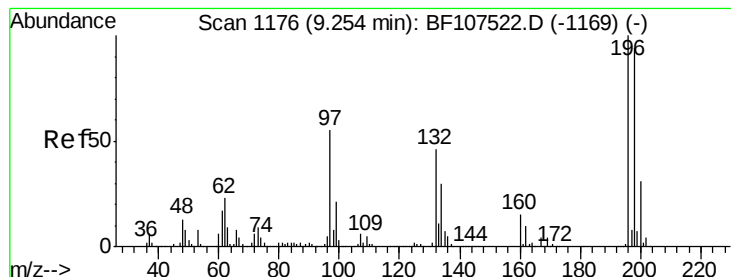


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 39.657 ng

RT: 9.24 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

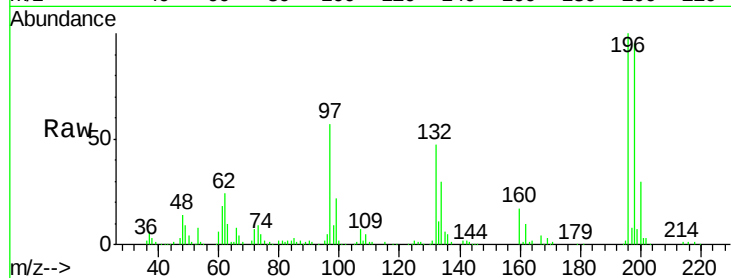
Tgt Ion:196 Resp: 181969

Ion Ratio Lower Upper

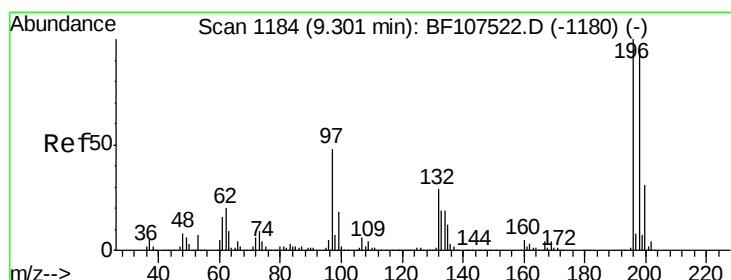
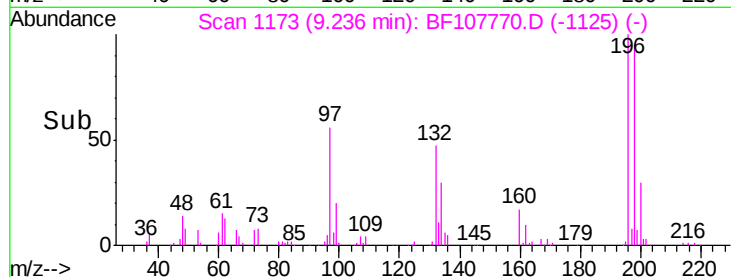
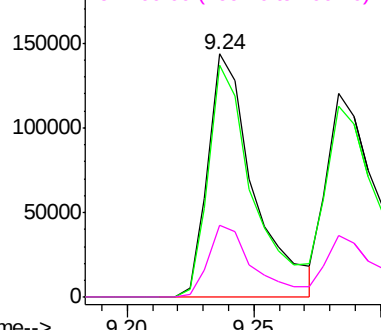
196 100

198 95.4 75.7 113.5

200 29.6 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: 41.169 ng

RT: 9.28 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Tgt Ion:196 Resp: 197436

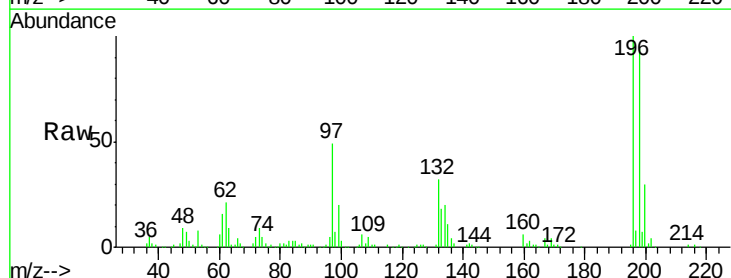
Ion Ratio Lower Upper

196 100

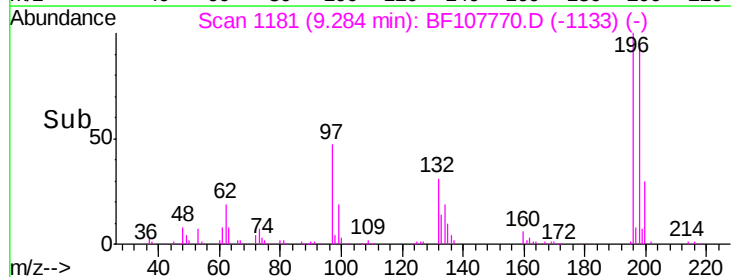
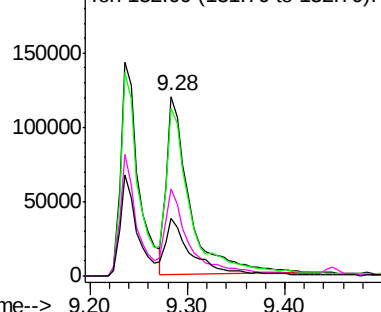
198 93.9 74.6 112.0

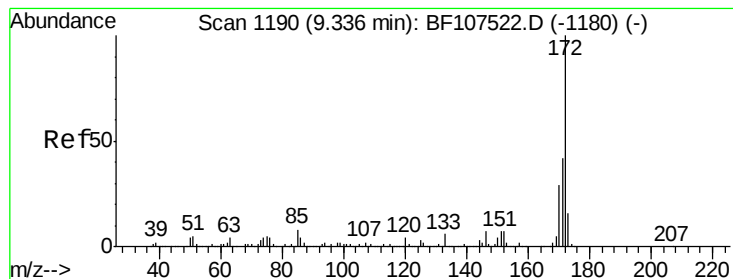
97 48.7 42.9 64.3

132 32.2 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

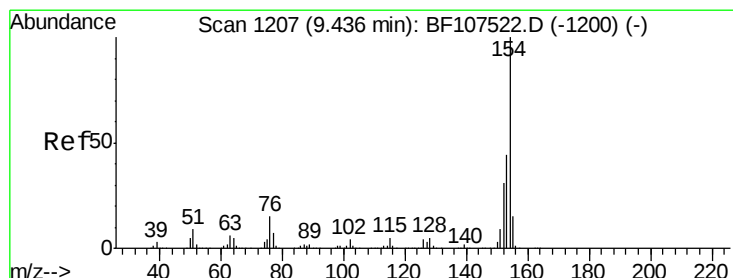
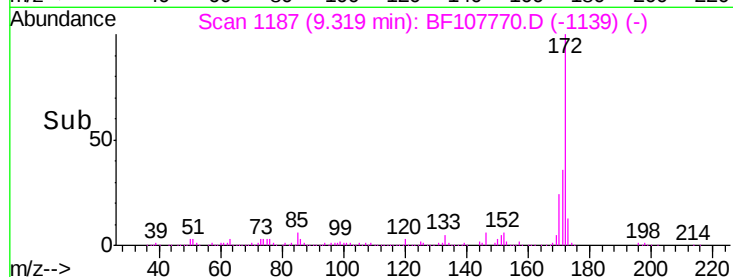
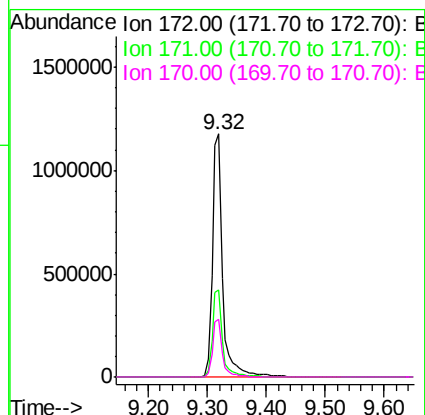
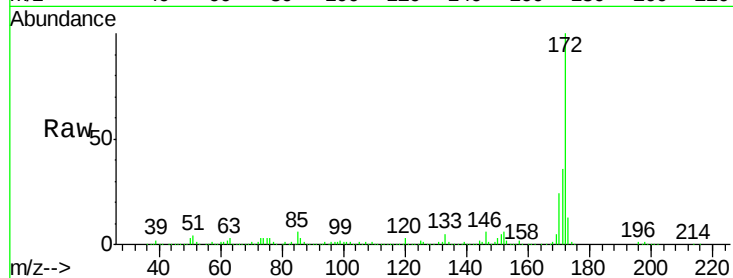




#44
 2-Fluorobiphenyl
 Concen: 134.869 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

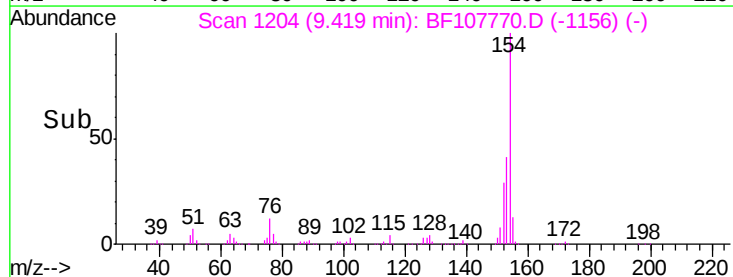
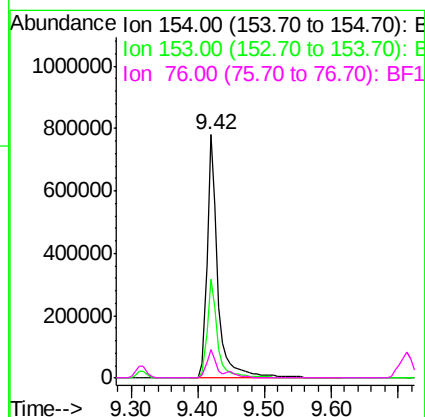
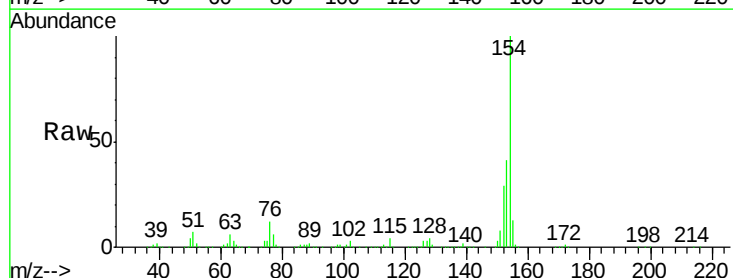
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

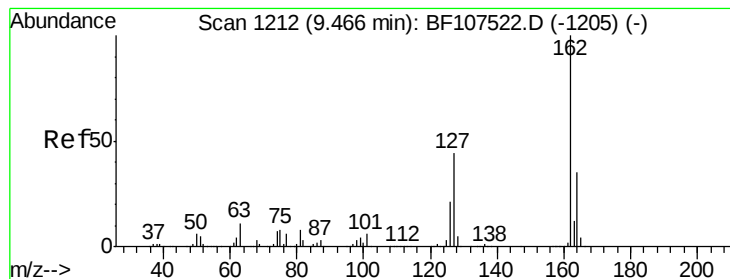
Tgt Ion:172 Resp: 1444315
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 46.273 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

Tgt Ion:154 Resp: 866357
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 11.9 0.0 34.0





#46

2-Chloronaphthalene

Concen: 44.552 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

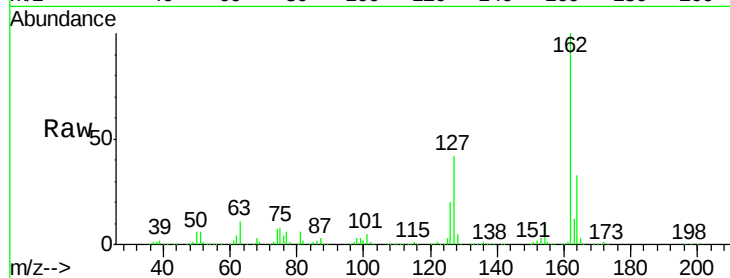
Tgt Ion: 162 Resp: 637583

Ion Ratio Lower Upper

162 100

127 41.7 33.9 50.9

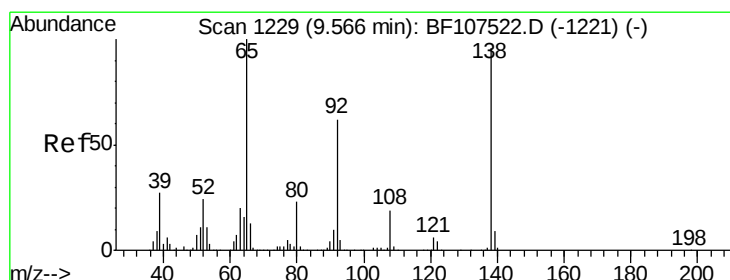
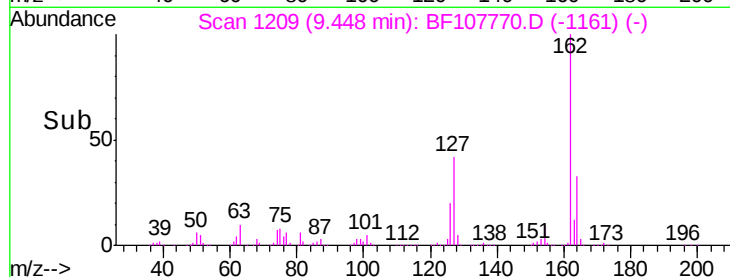
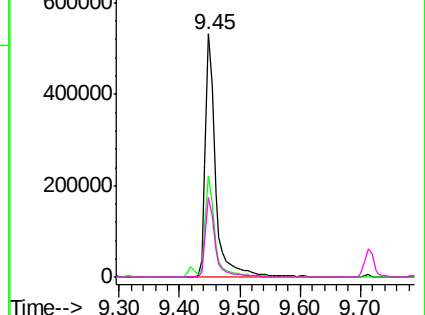
164 32.7 26.5 39.7



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: 47.761 ng

RT: 9.55 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

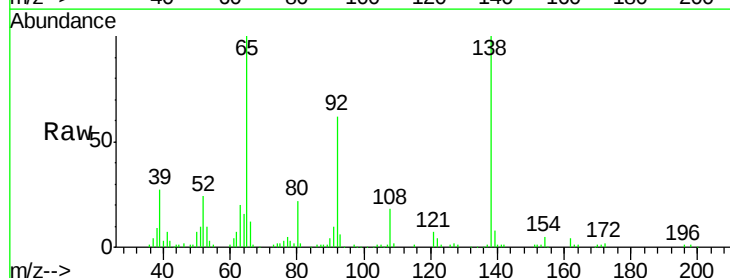
Tgt Ion: 65 Resp: 199267

Ion Ratio Lower Upper

65 100

92 62.4 55.8 83.6

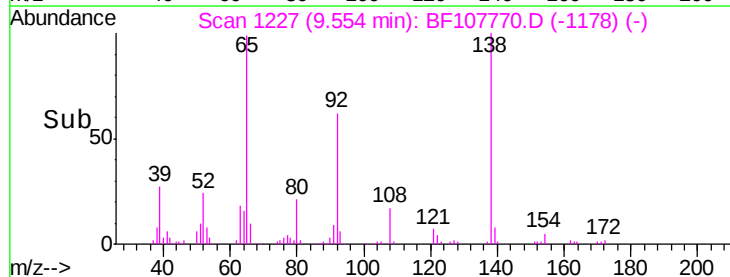
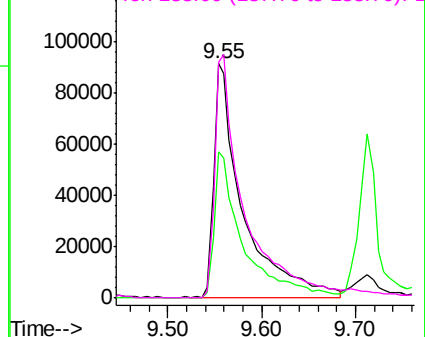
138 100.5 91.2 136.8

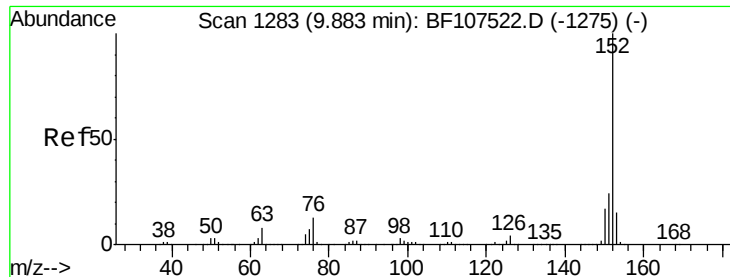


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

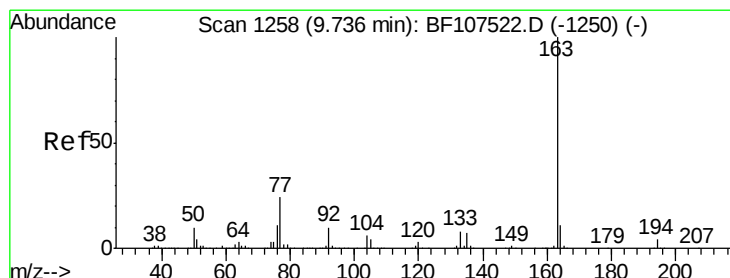
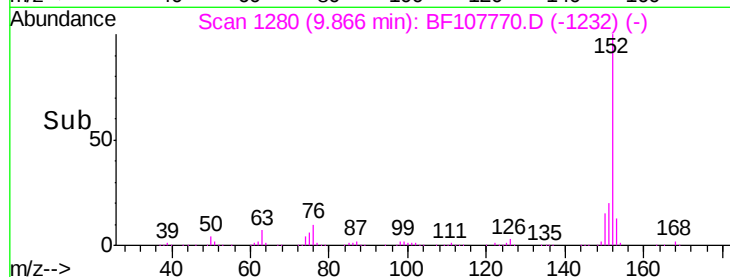
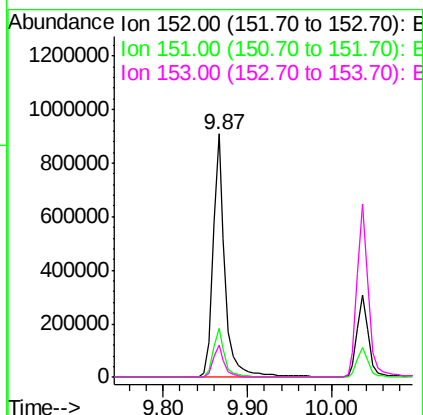
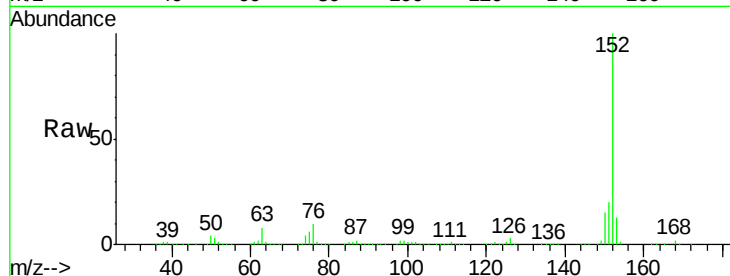




#48
Acenaphthylene
Concen: 42.777 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

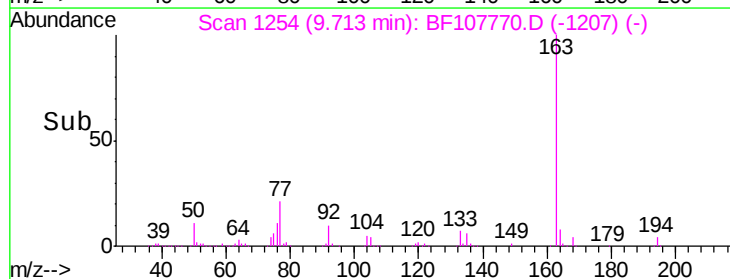
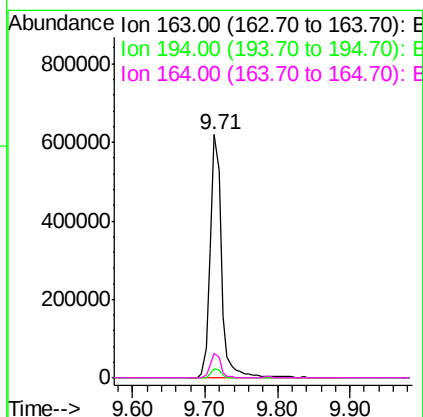
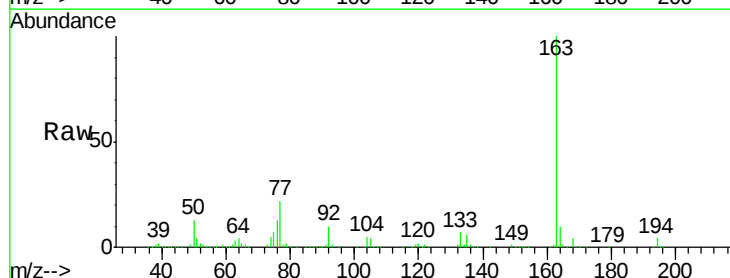
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

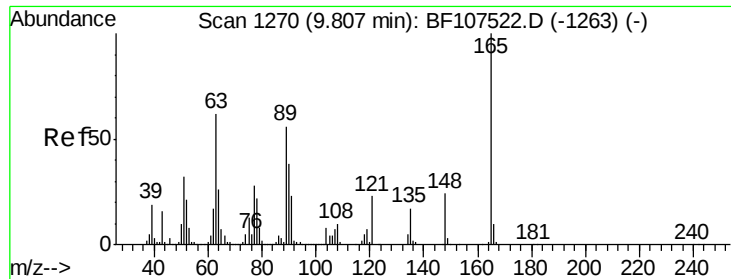
Tgt Ion:152 Resp: 919638
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.2 10.7 16.1



#49
Dimethylphthalate
Concen: 42.299 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion:163 Resp: 685182
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

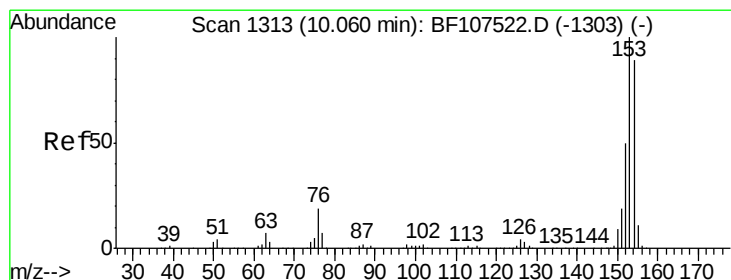
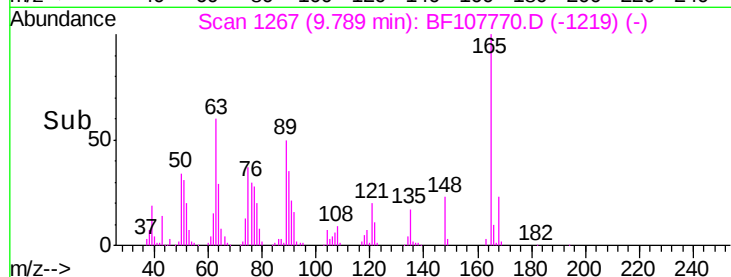
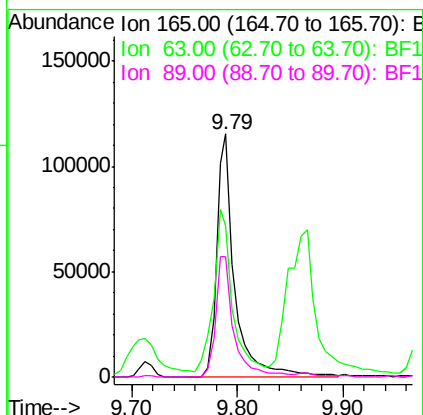
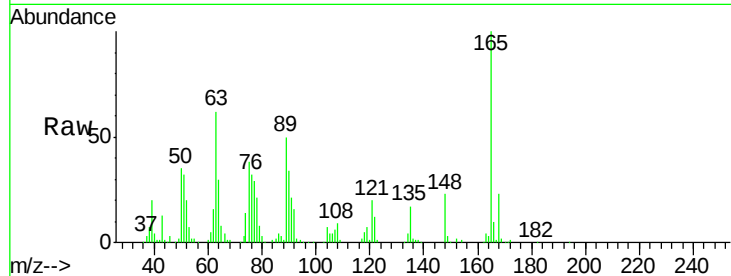




#50
2,6-Dinitrotoluene
Concen: 43.459 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

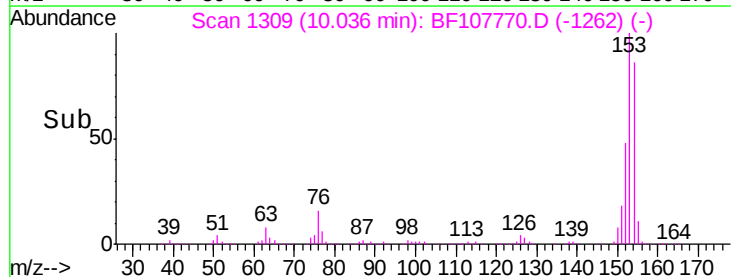
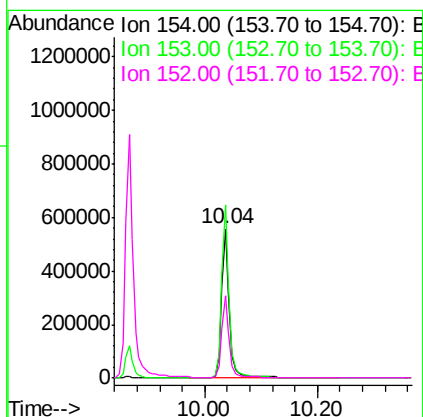
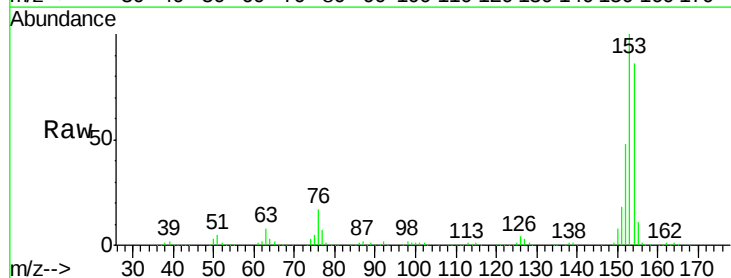
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

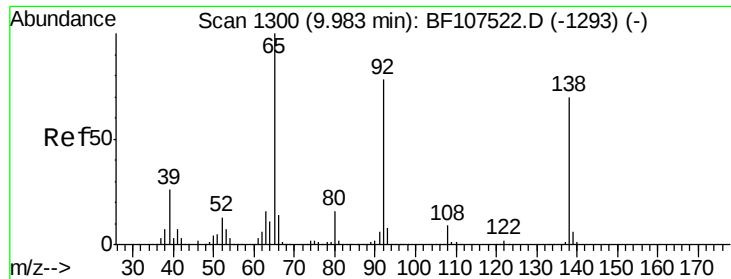
Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.1	44.7	67.1
89	49.9	44.0	66.0



#51
Acenaphthene
Concen: 41.065 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.8	91.2	136.8
152	55.1	43.8	65.8





#52

3-Nitroaniline

Concen: 44.639 ng

RT: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

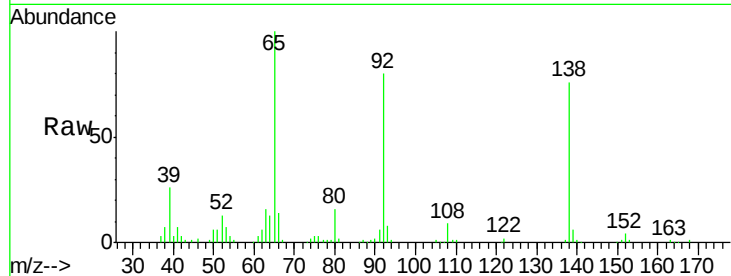
Tgt Ion:138 Resp: 174648

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

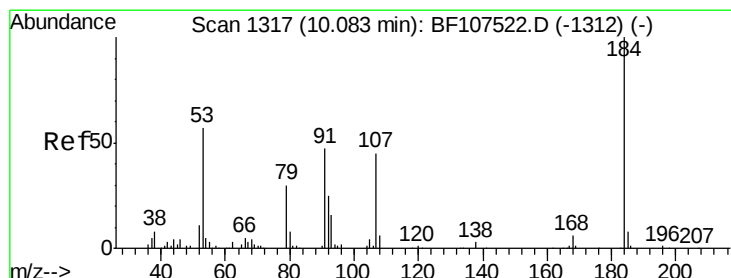
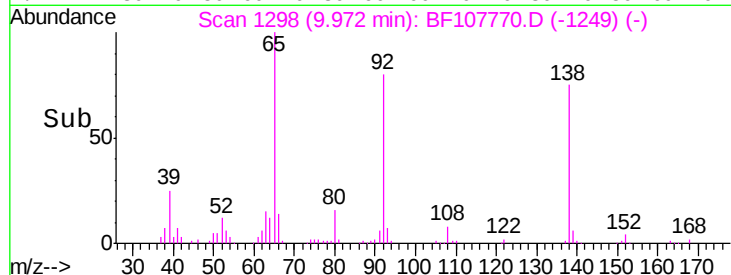
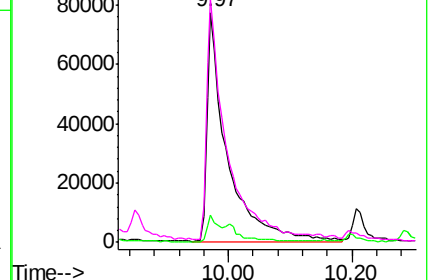
92 105.9 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 14.337 ng

RT: 10.12 min Scan# 1323

Delta R.T. 0.04 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

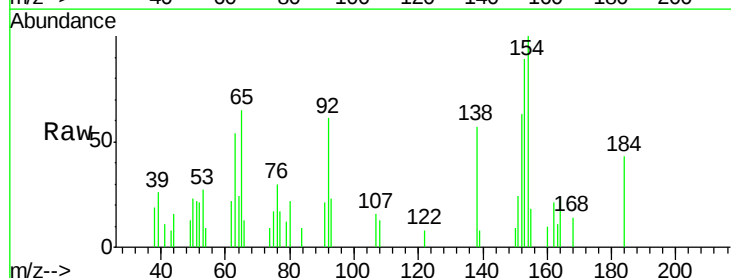
Tgt Ion:184 Resp: 6913

Ion Ratio Lower Upper

184 100

63 126.5 54.2 81.2#

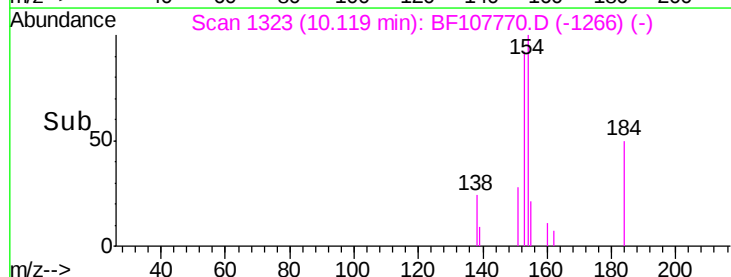
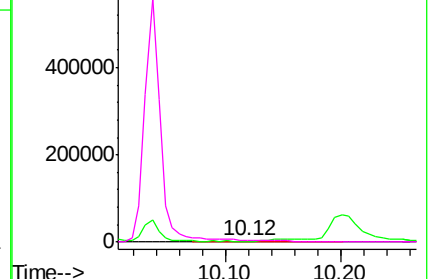
154 235.1 184.0 276.0

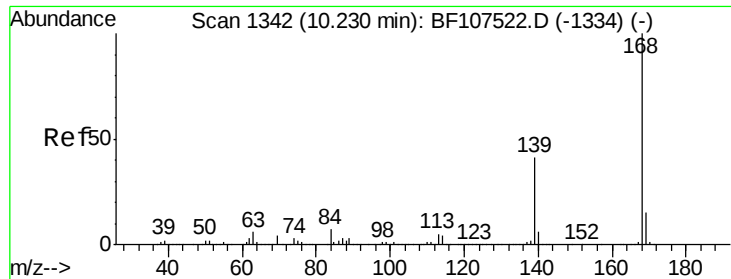


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 41.032 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

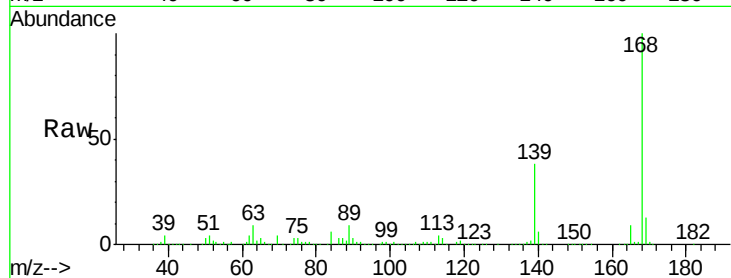
Tgt Ion:168 Resp: 813679

Ion Ratio Lower Upper

168 100

139 38.1 30.1 45.1

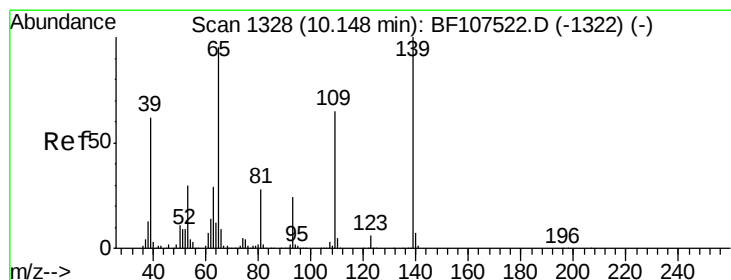
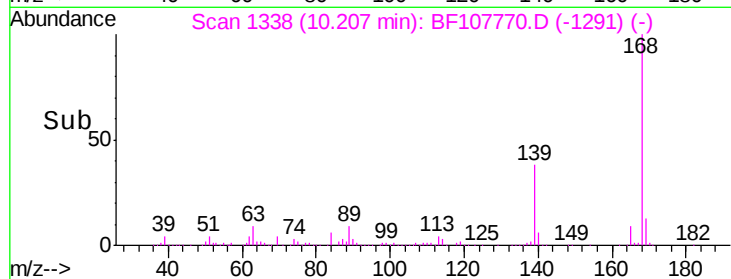
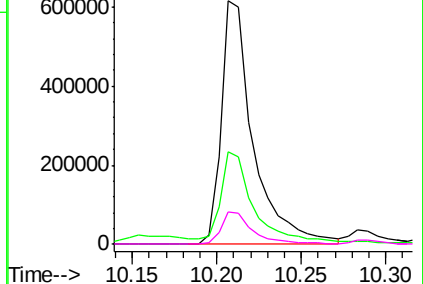
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 19.270 ng

RT: 10.15 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

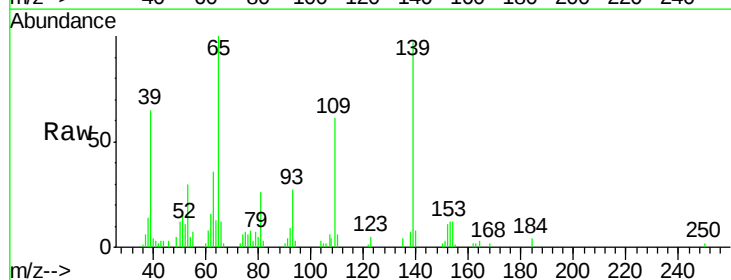
Tgt Ion:139 Resp: 56447

Ion Ratio Lower Upper

139 100

109 63.1 48.4 88.4

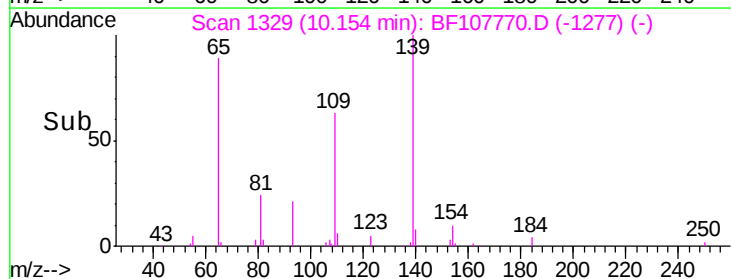
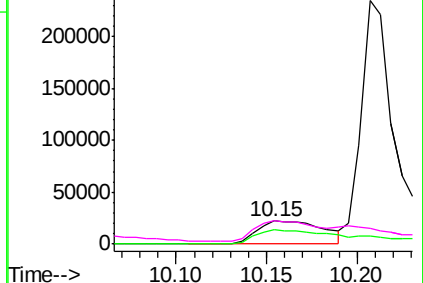
65 102.6 72.6 112.6

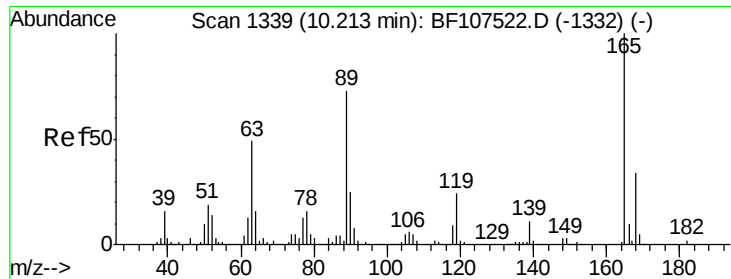


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

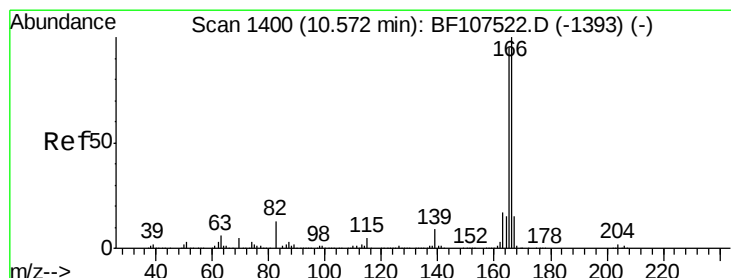
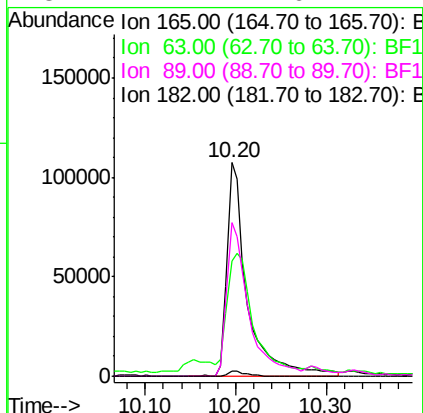
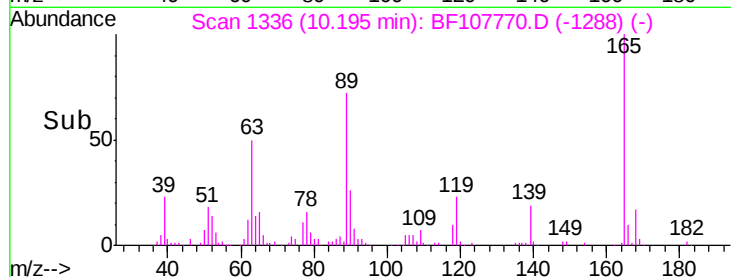
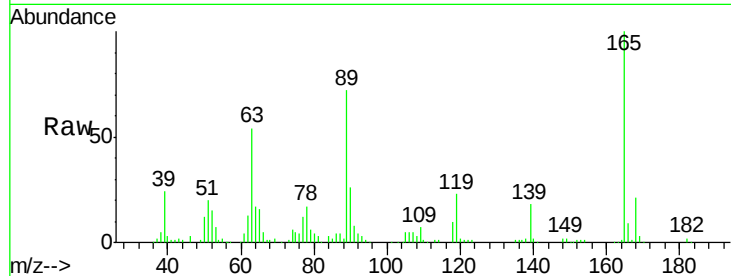




#56
2,4-Dinitrotoluene
Concen: 42.725 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

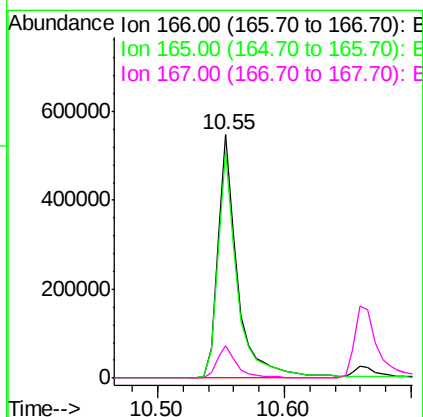
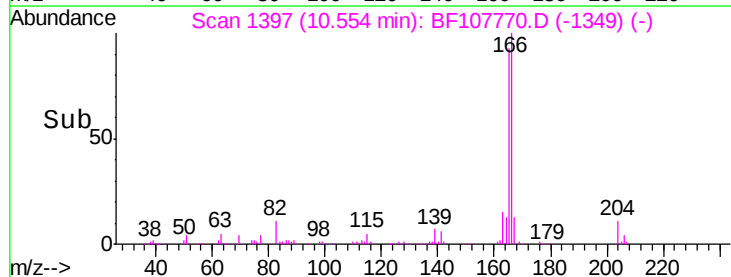
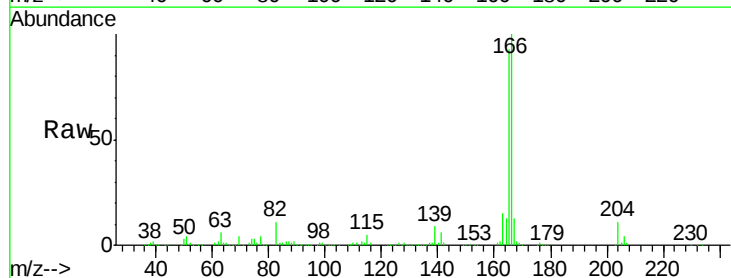
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

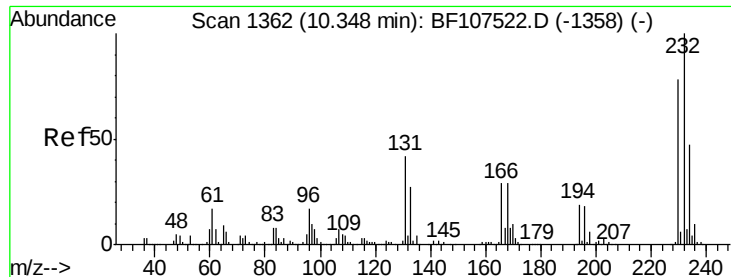
Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.2	36.4	54.6
89	71.6	57.8	86.6
182	2.4	1.6	2.4



#57
Fluorene
Concen: 42.252 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.0	79.8	119.8
167	13.1	10.6	16.0

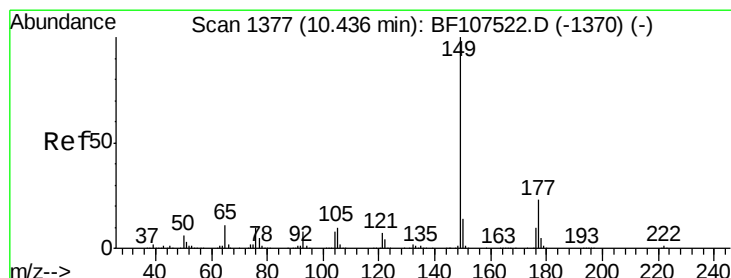
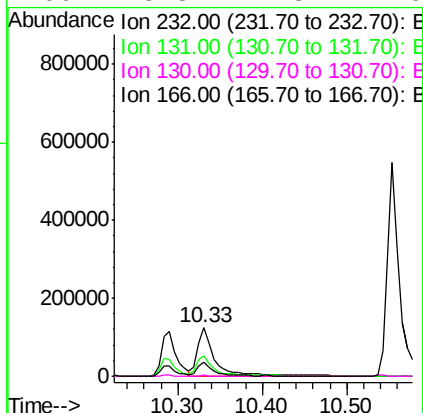
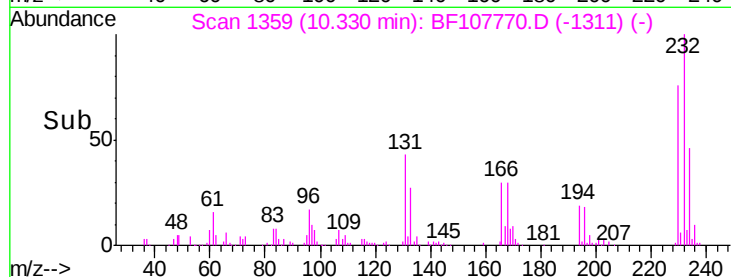
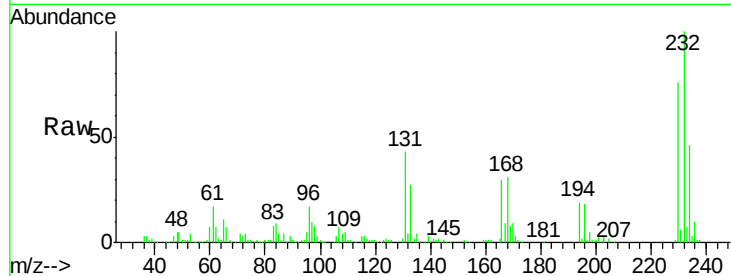




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.647 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

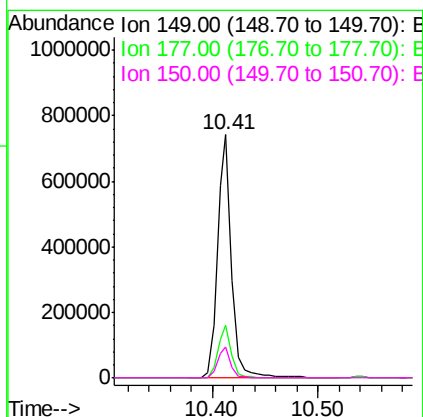
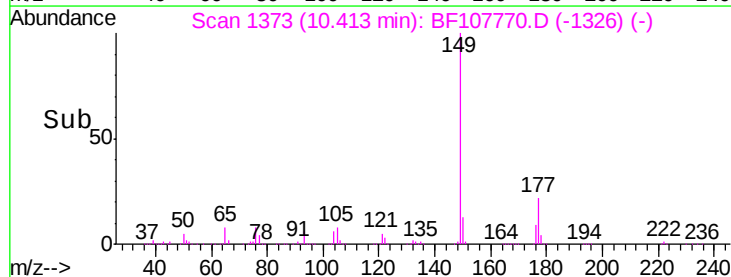
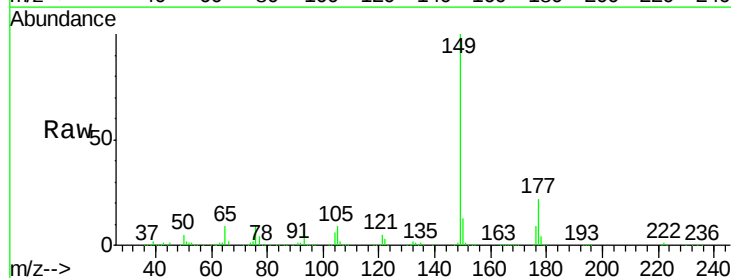
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

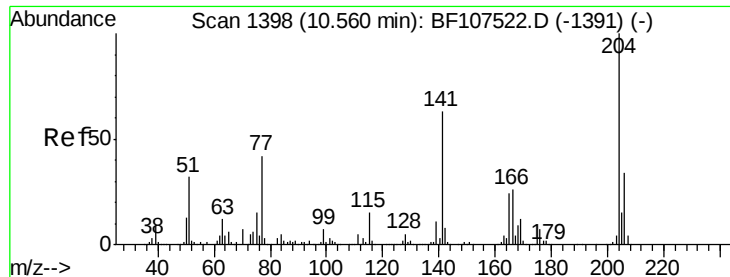
Tgt Ion: 232 Resp: 170217
 Ion Ratio Lower Upper
 232 100
 131 40.8 43.8 65.8#
 130 1.8 2.1 3.1#
 166 25.3 27.8 41.6#



#59
 Diethylphthalate
 Concen: 41.268 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

Tgt Ion: 149 Resp: 698142
 Ion Ratio Lower Upper
 149 100
 177 21.5 16.1 24.1
 150 12.7 10.1 15.1

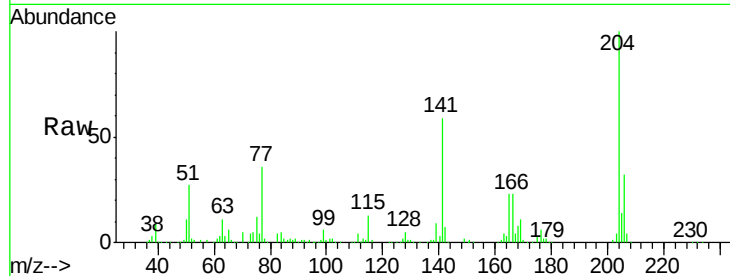




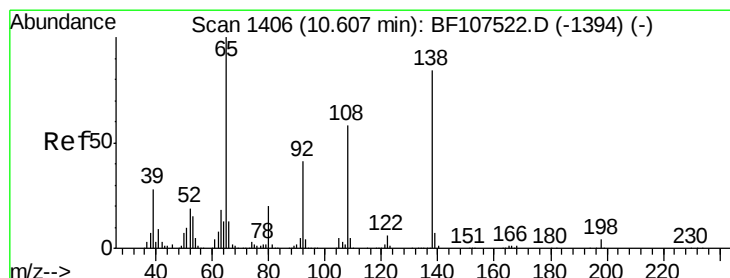
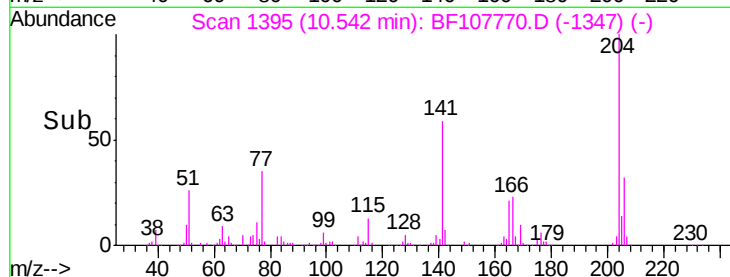
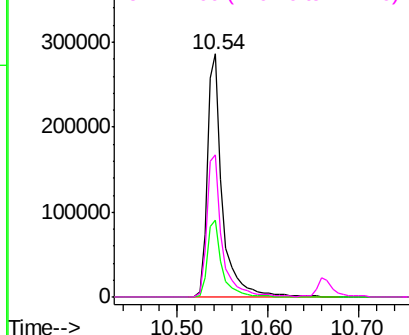
#60
4-Chlorophenyl-phenylether
Concen: 42.166 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 337240
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 58.7 54.6 81.8

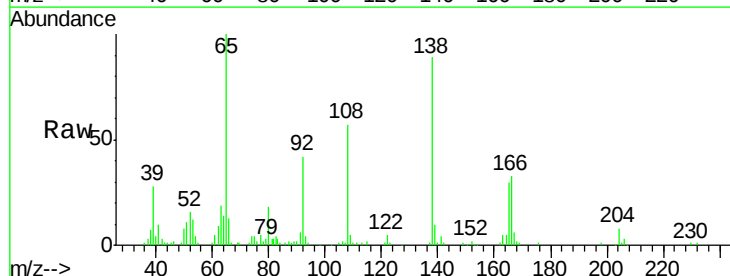


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

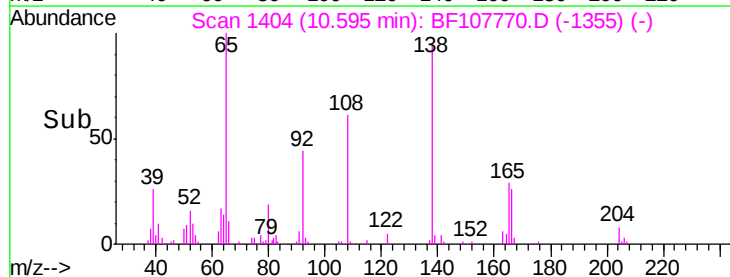
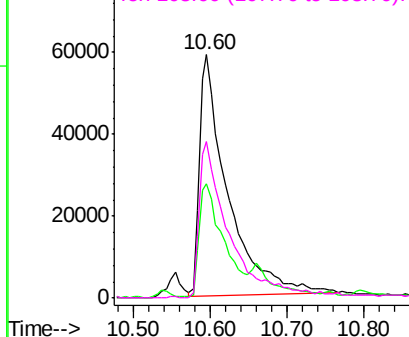


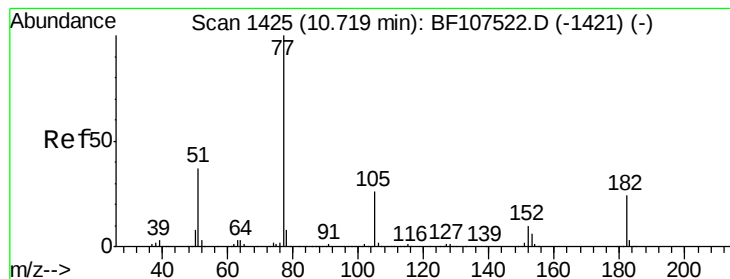
#61
4-Nitroaniline
Concen: 45.960 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion:138 Resp: 151078
Ion Ratio Lower Upper
138 100
92 46.7 30.2 70.2
108 64.4 52.5 92.5



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





#62

Azobenzene

Concen: 38.453 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 609992

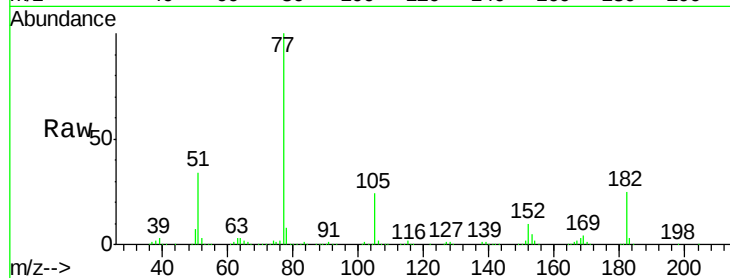
Ion Ratio Lower Upper

77 100

182 25.2 1.7 41.7

105 23.8 3.0 43.0

51 33.6 9.9 49.9

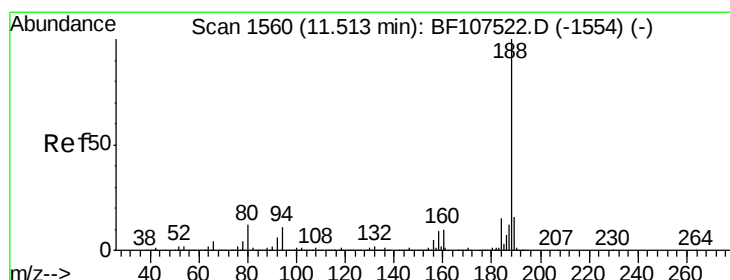
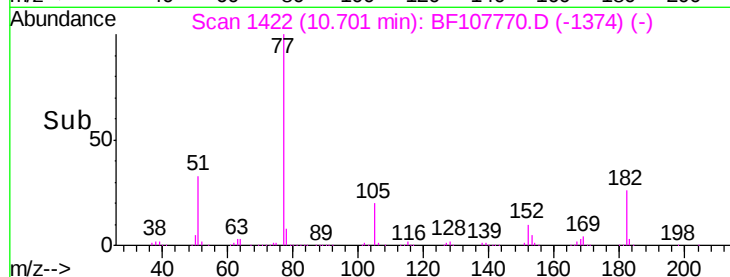
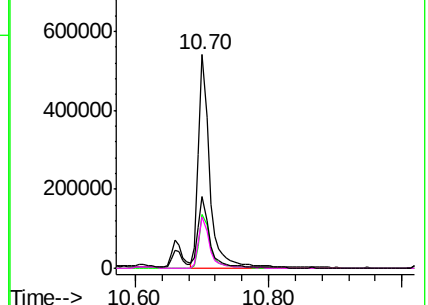


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

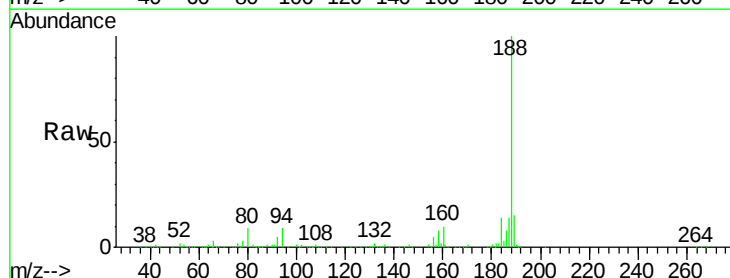
Tgt Ion: 188 Resp: 395533

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

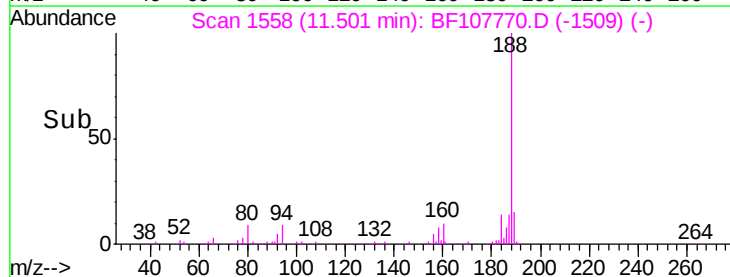
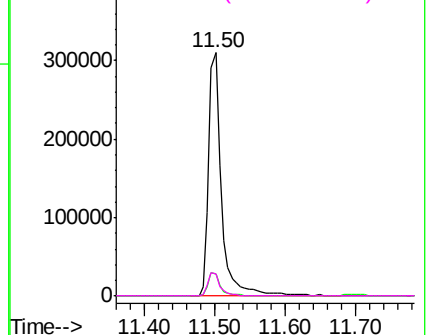
80 9.2 9.2 13.8

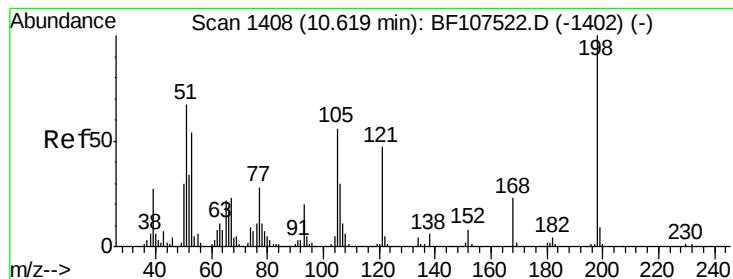


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

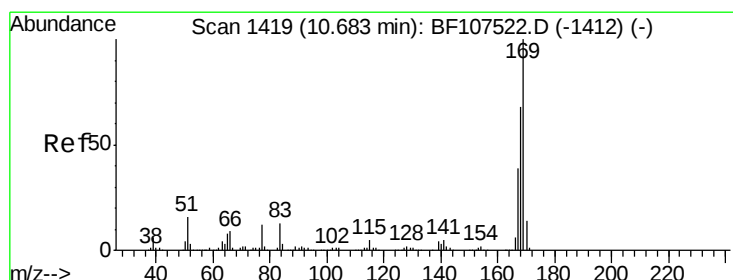
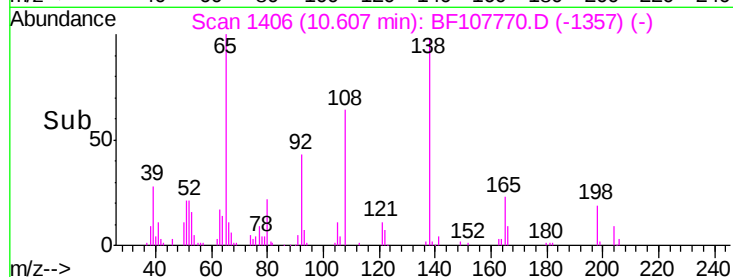
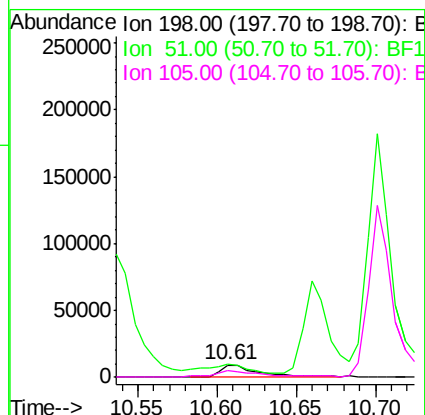
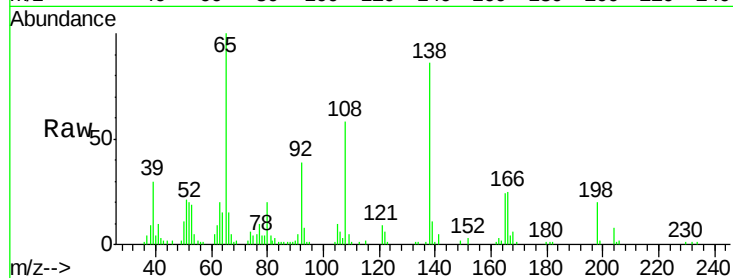




#64
 4,6-Dinitro-2-methylphenol
 Concen: 15.628 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

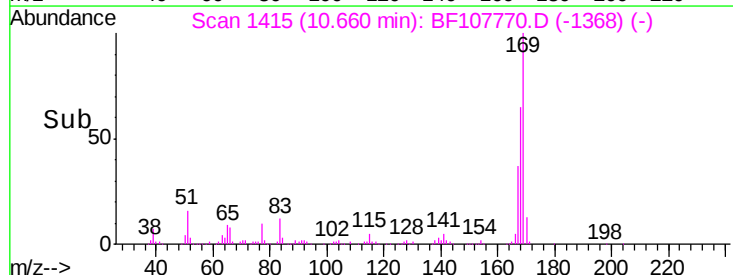
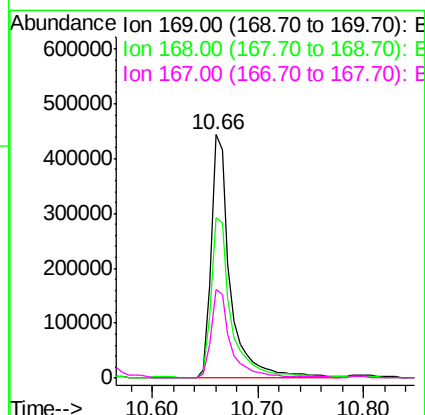
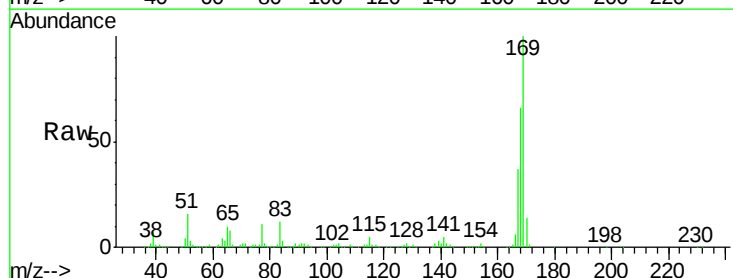
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

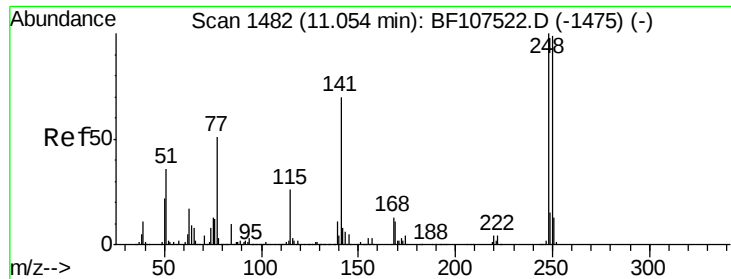
Tgt Ion:198 Resp: 16194
 Ion Ratio Lower Upper
 198 100
 51 105.4 37.7 77.7#
 105 52.9 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 42.326 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

Tgt Ion:169 Resp: 568578
 Ion Ratio Lower Upper
 169 100
 168 66.0 54.4 81.6
 167 36.7 29.8 44.6

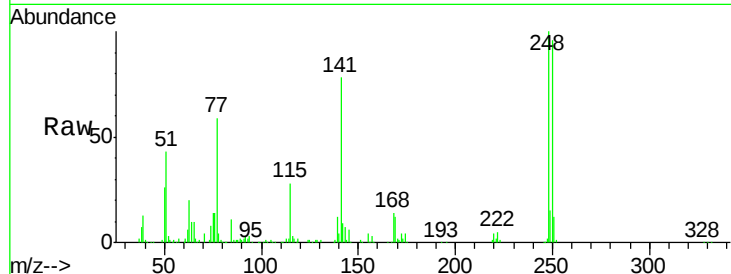




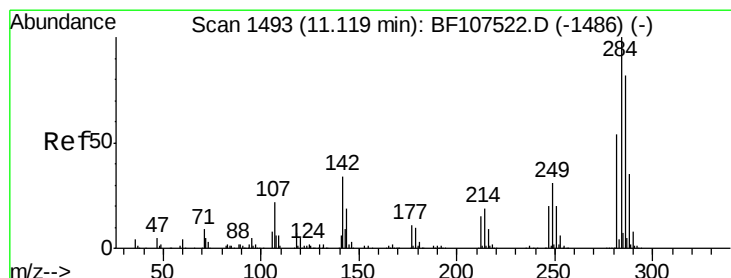
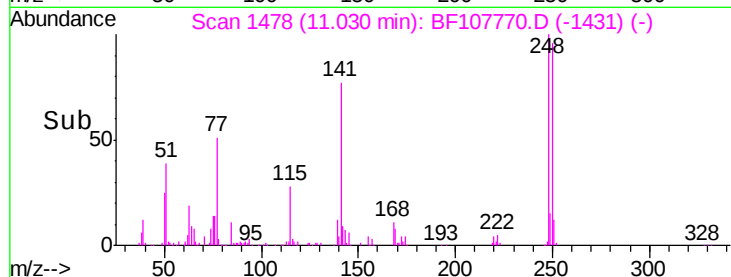
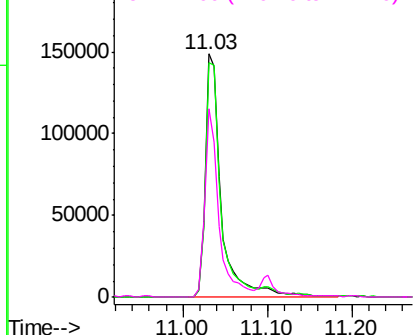
#66
4-Bromophenyl-phenylether
Concen: 42.432 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	77.6	74.4	111.6

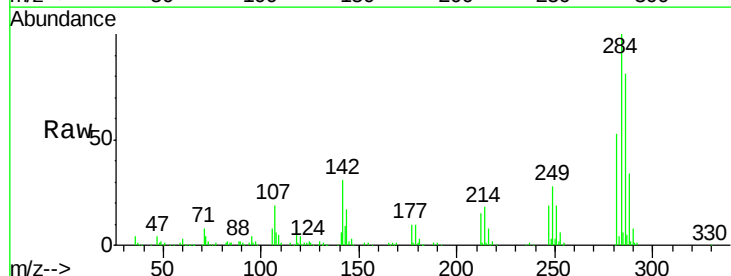


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

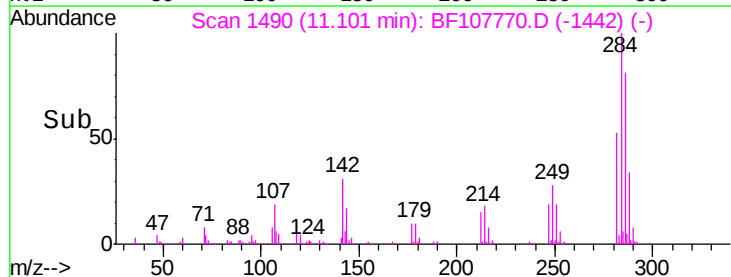
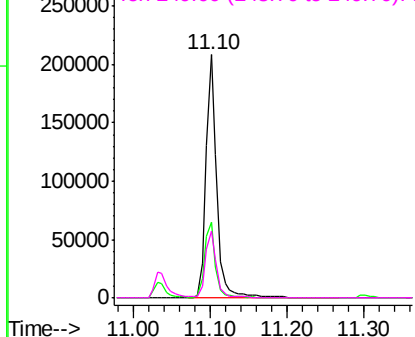


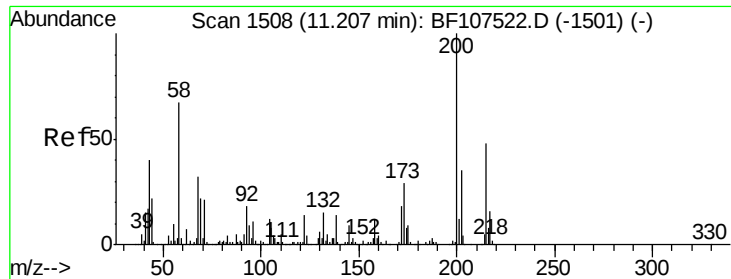
#67
Hexachlorobenzene
Concen: 39.702 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	34.6	52.0#
249	27.8	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

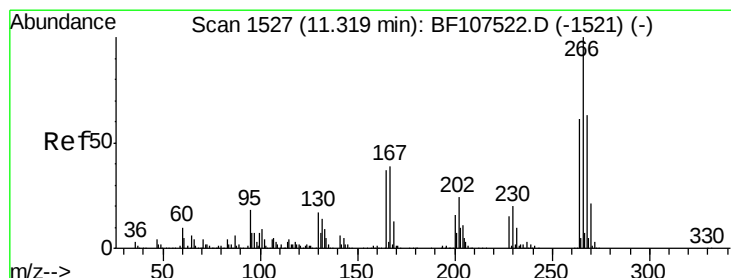
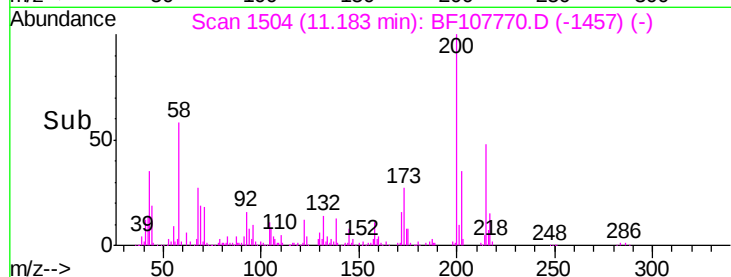
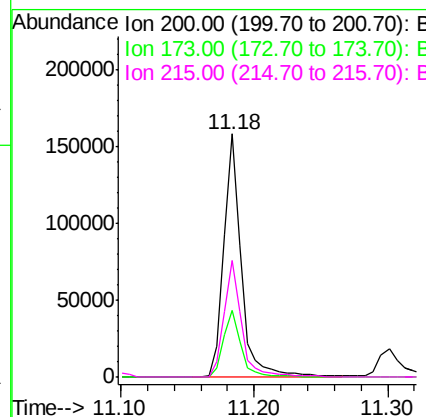
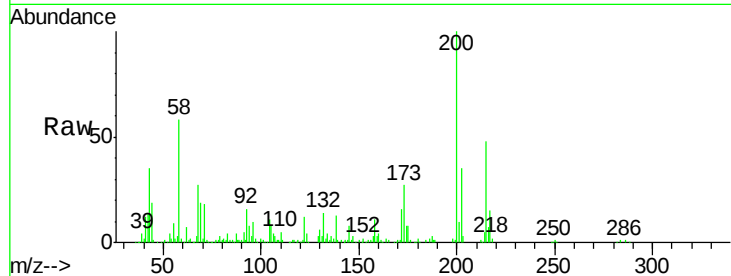




#68
Atrazine
Concen: 36.537 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

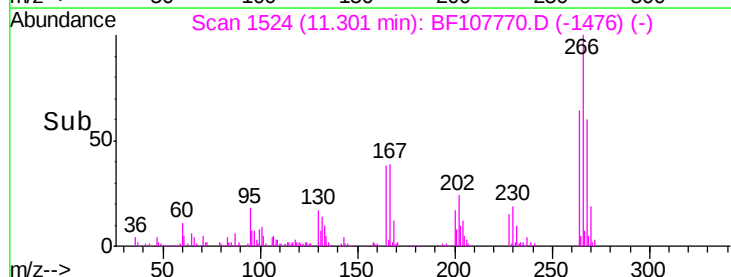
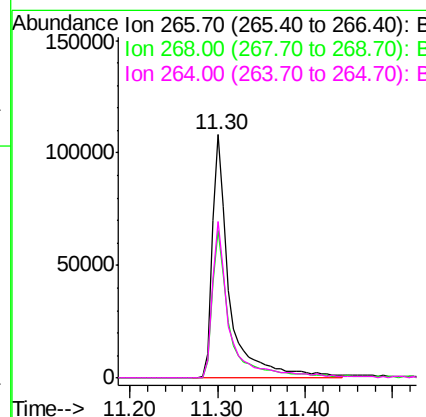
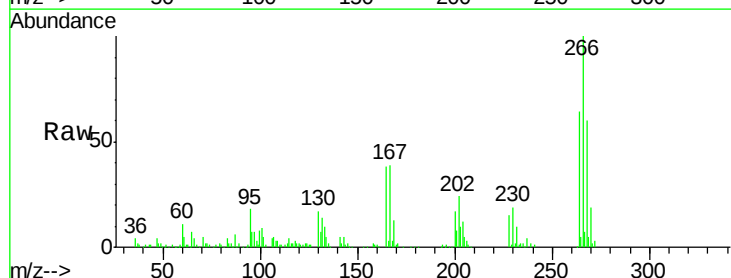
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

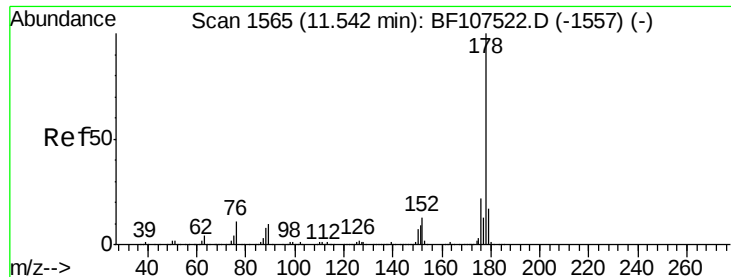
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.6	48.6
215	48.1	25.1	65.1



#69
Pentachlorophenol
Concen: 46.848 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.1	76.7
264	64.1	49.5	74.3

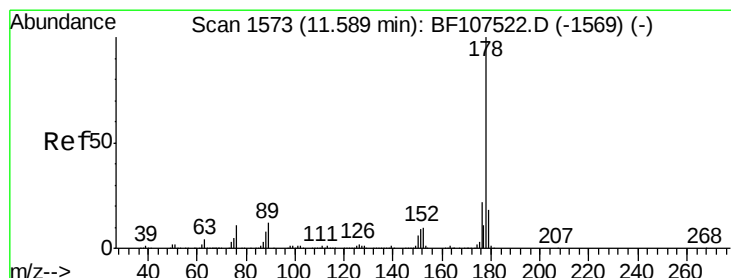
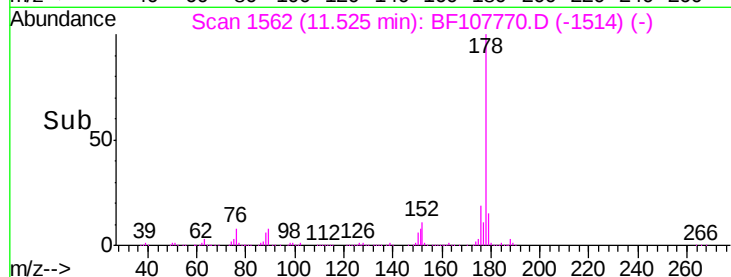
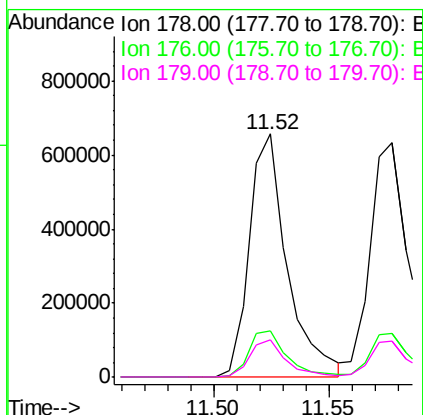
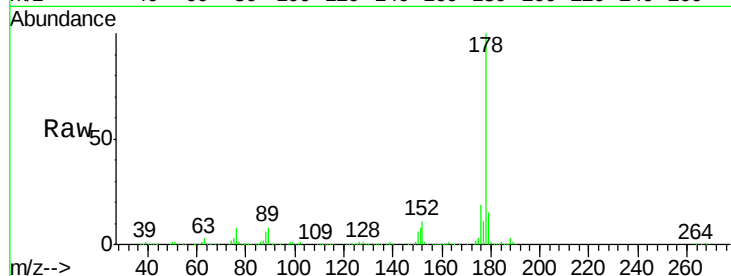




#70
Phenanthrene
Concen: 39.122 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

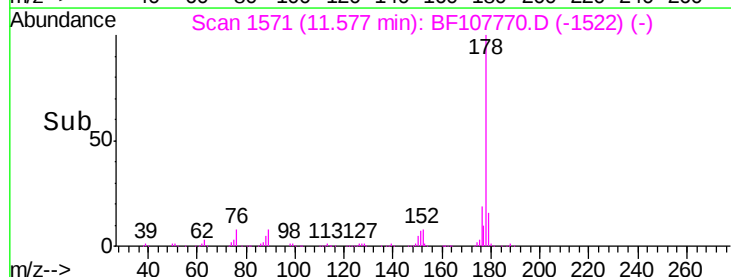
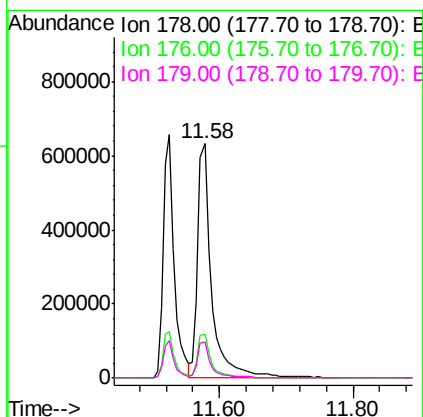
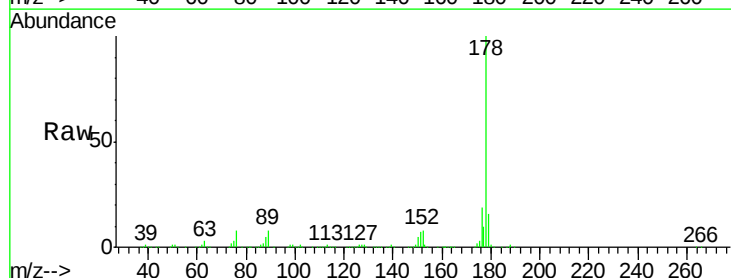
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

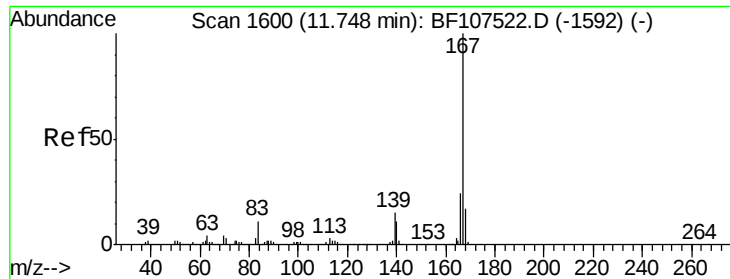
Tgt Ion:178 Resp: 754058
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.3 13.0 19.6



#71
Anthracene
Concen: 45.569 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion:178 Resp: 884339
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.6 19.0





#72

Carbazole

Concen: 43.598 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

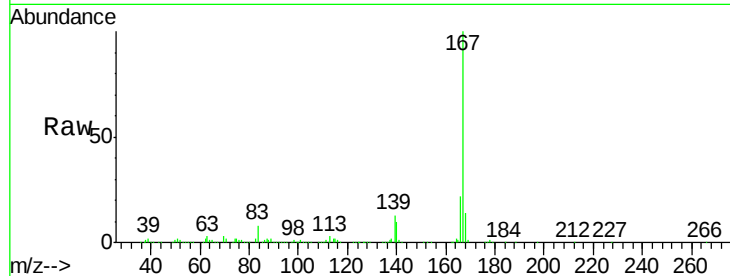
Tgt Ion:167 Resp: 879824

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

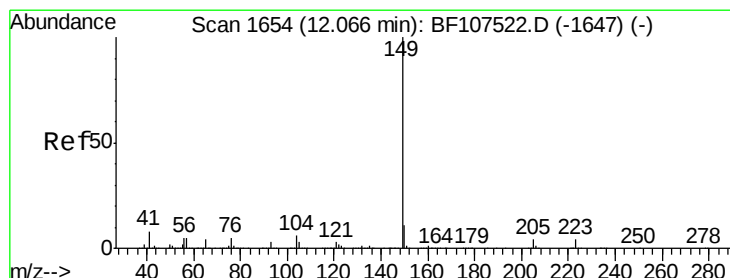
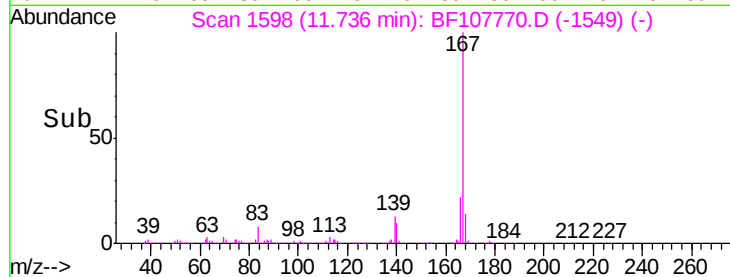
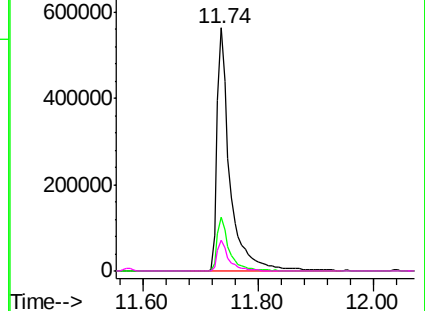
139 12.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 49.481 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

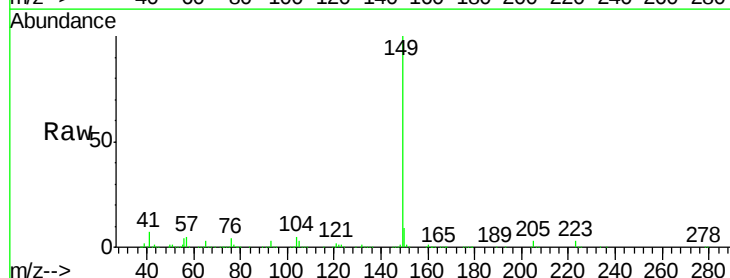
Tgt Ion:149 Resp: 997516

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

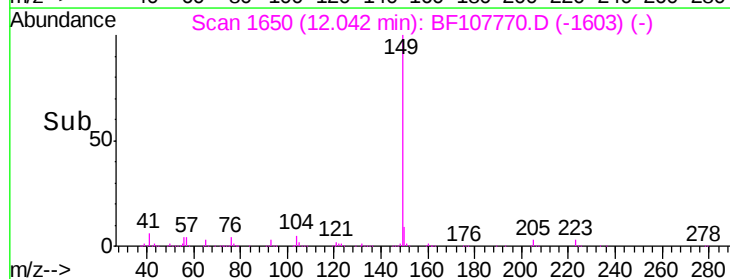
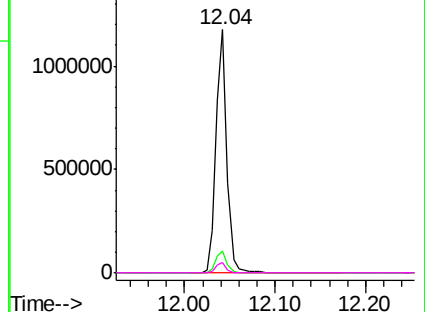
104 4.6 3.8 5.8

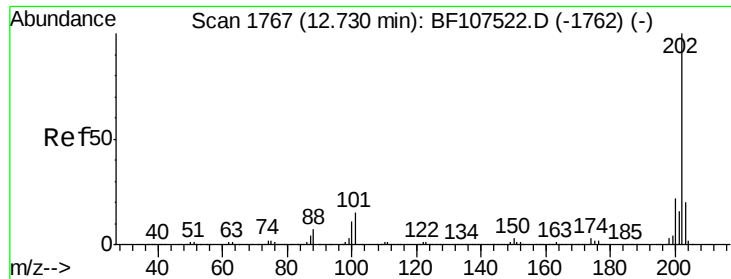


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

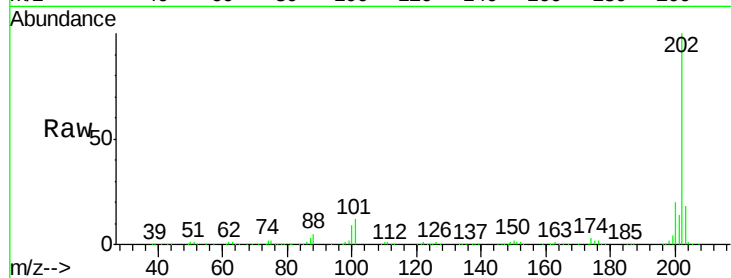




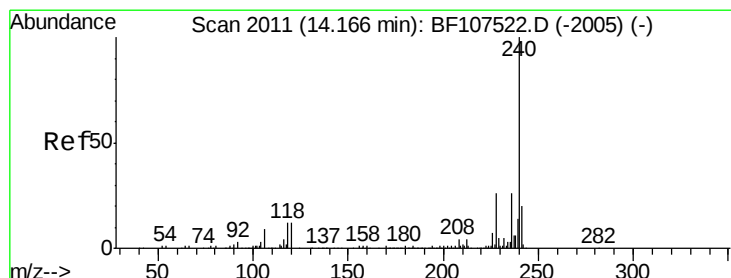
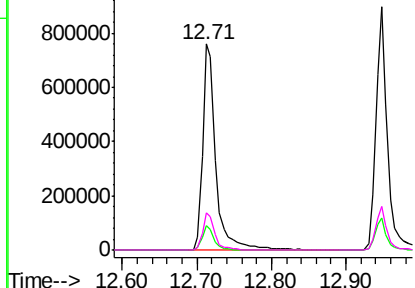
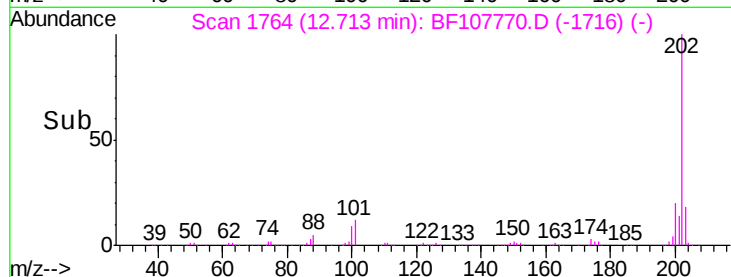
#74
 Fluoranthene
 Concen: 45.996 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	18.1	0.0	38.1

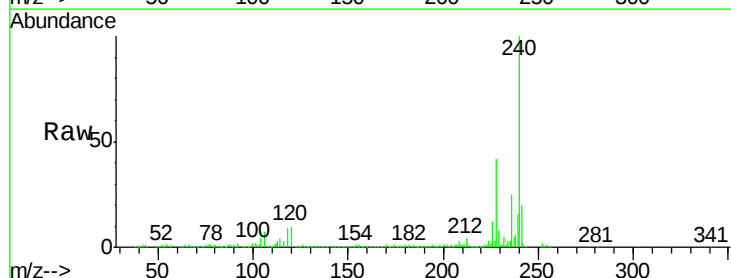


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

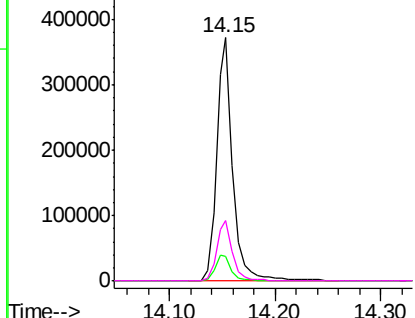
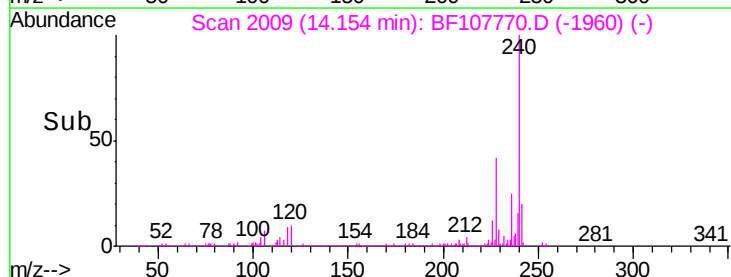


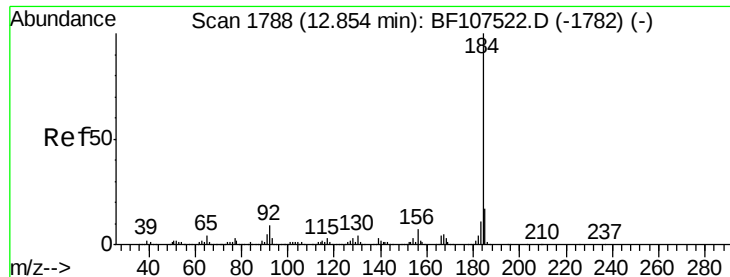
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF107770.D
 Acq: 28 Jul 2018 2:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.0	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: 46.109 ng

RT: 12.85 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

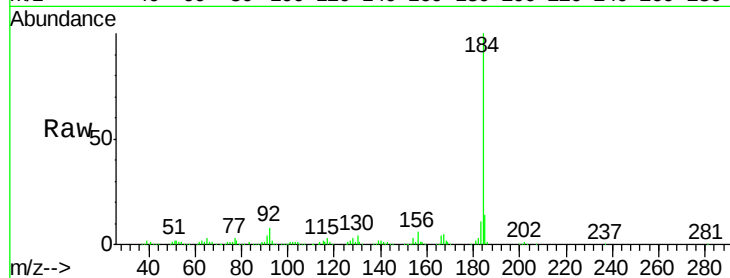
Tgt Ion:184 Resp: 530064

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

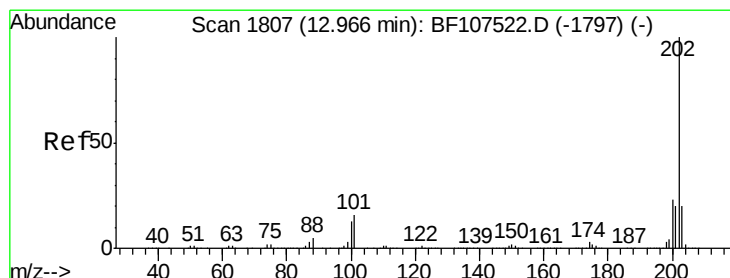
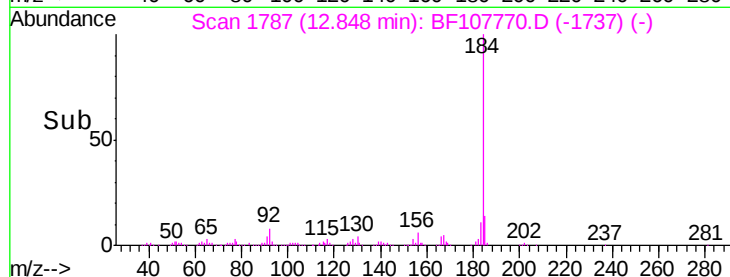
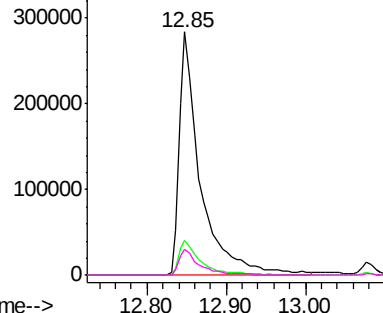
183 10.7 9.3 13.9



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: 35.844 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

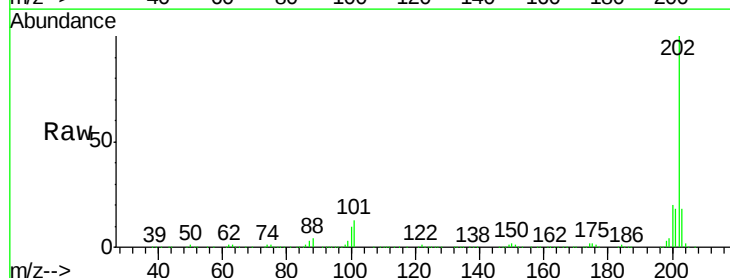
Tgt Ion:202 Resp: 978719

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

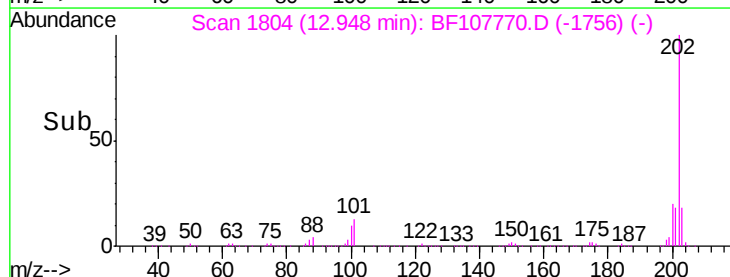
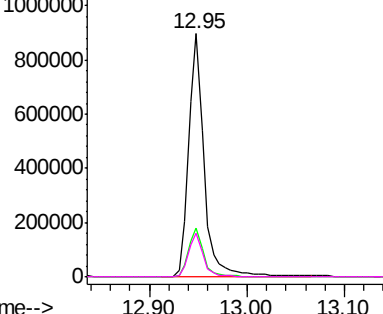
203 17.8 14.3 21.5

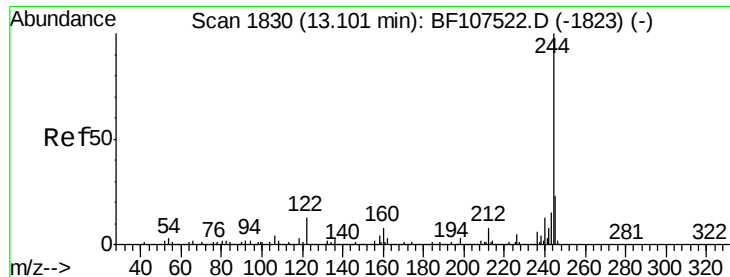


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.460 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

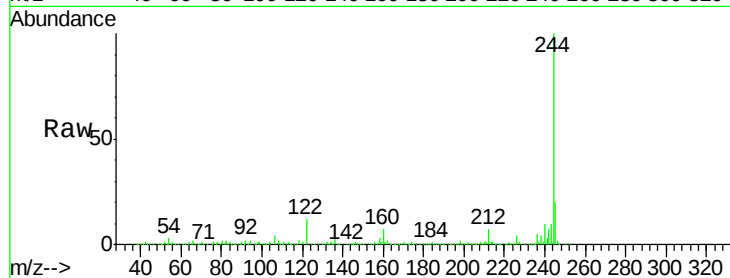
Tgt Ion:244 Resp: 1301382

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

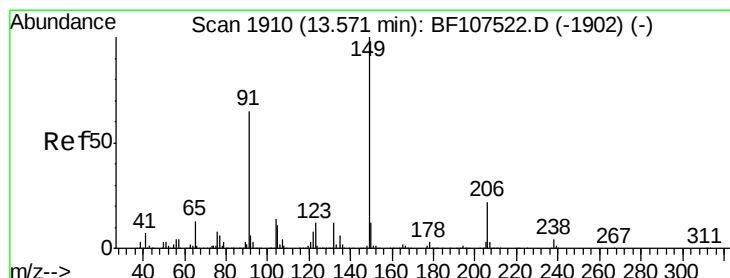
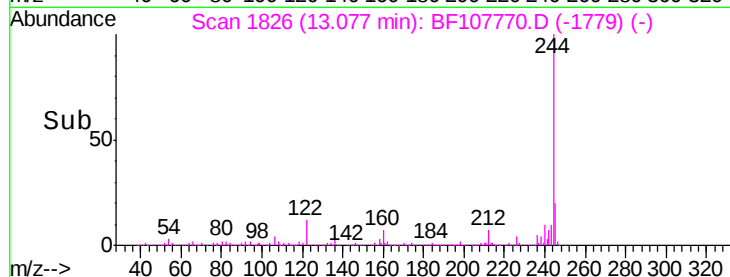
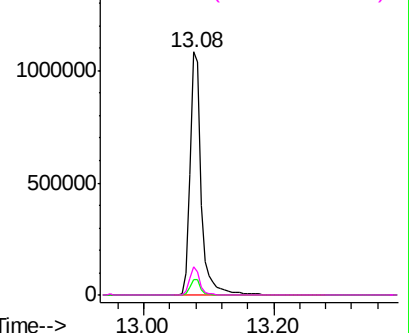
122 11.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.857 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

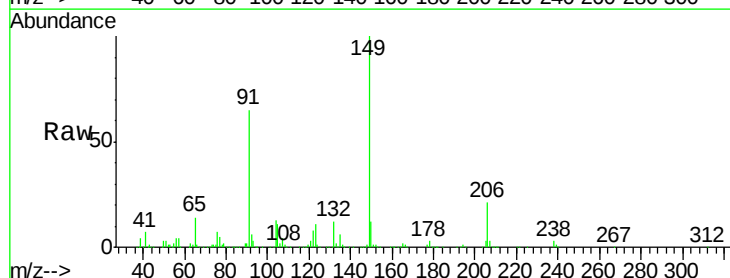
Tgt Ion:149 Resp: 456280

Ion Ratio Lower Upper

149 100

91 64.6 56.8 85.2

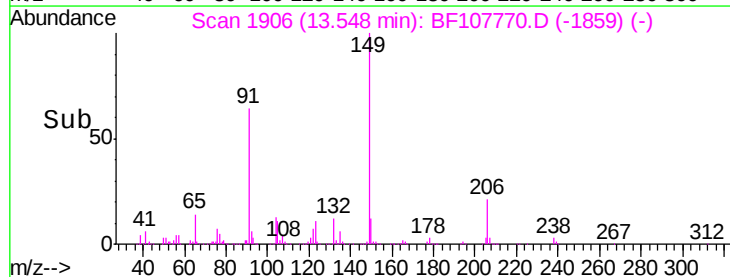
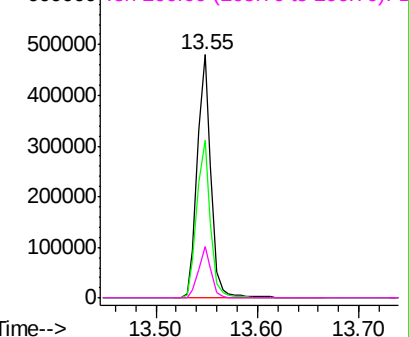
206 21.2 14.1 21.1#

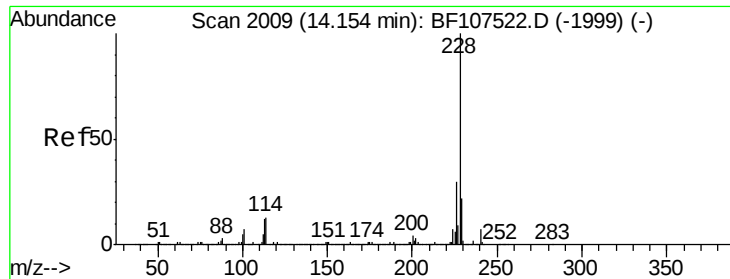


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.098 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

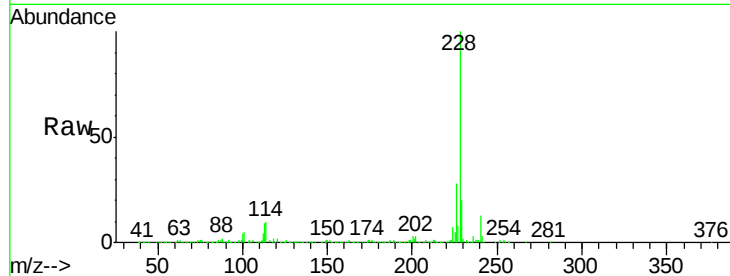
Tgt Ion:228 Resp: 891225

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

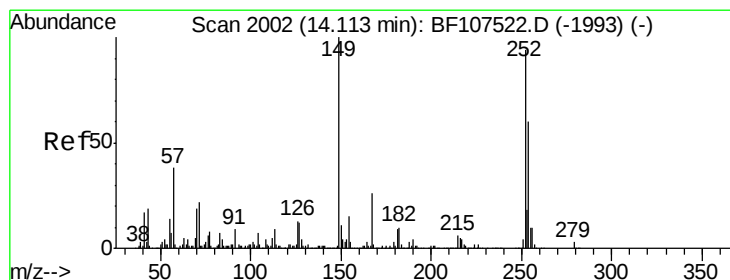
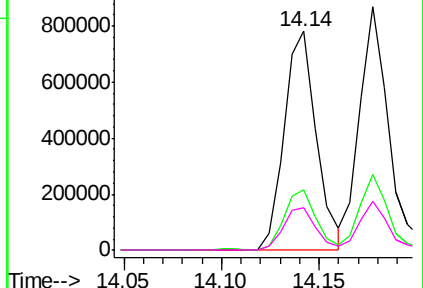
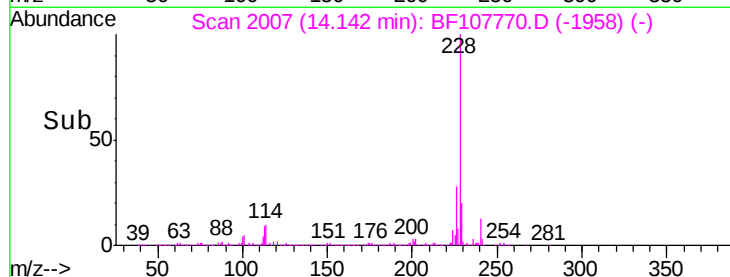
229 19.7 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 56.738 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

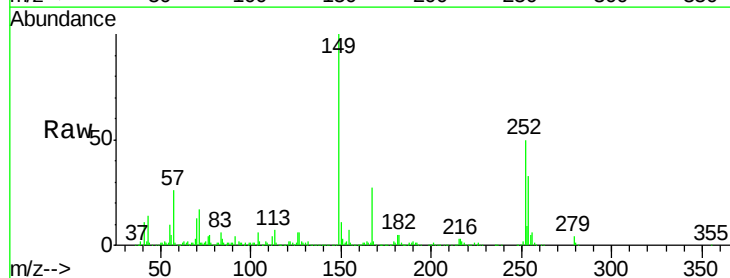
Tgt Ion:252 Resp: 365033

Ion Ratio Lower Upper

252 100

254 66.3 50.4 75.6

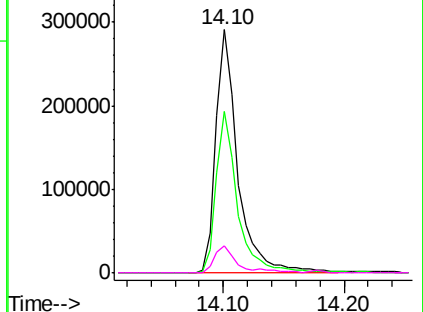
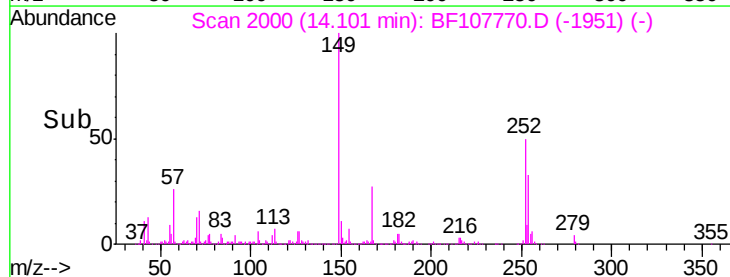
126 11.0 11.3 16.9#

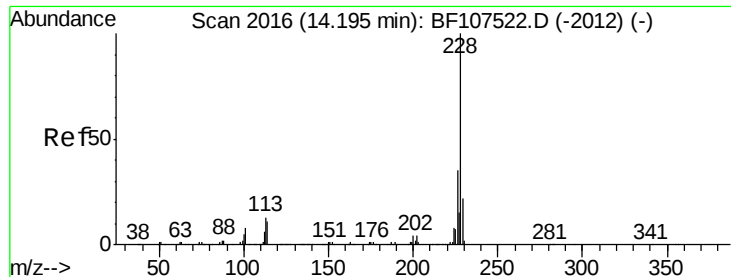


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.729 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

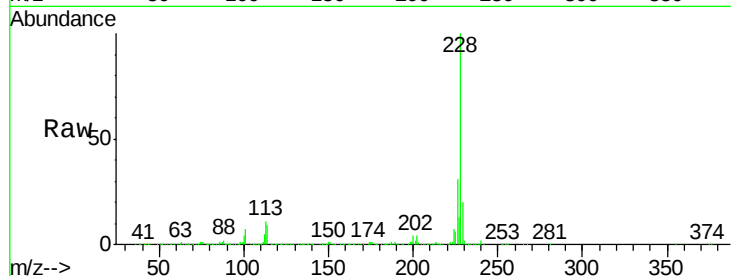
Tgt Ion:228 Resp: 960181

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

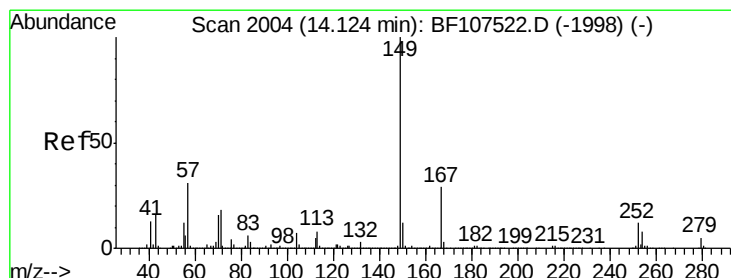
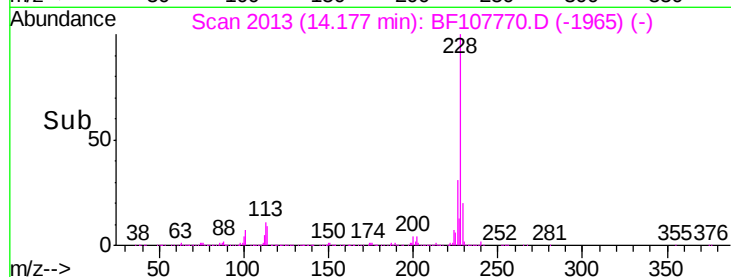
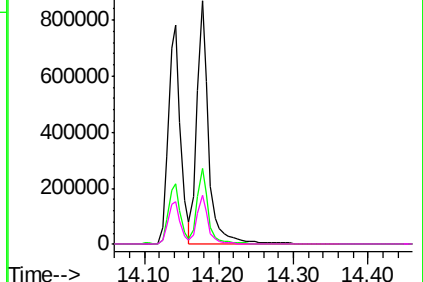
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.086 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.03 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

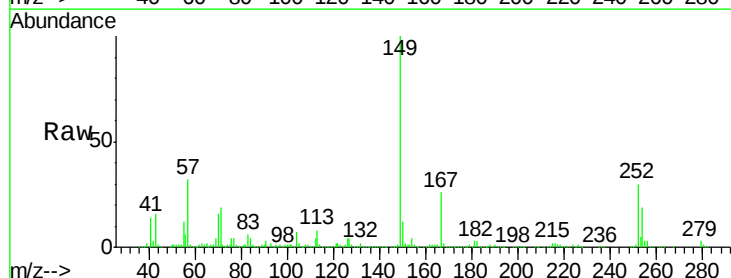
Tgt Ion:149 Resp: 597907

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

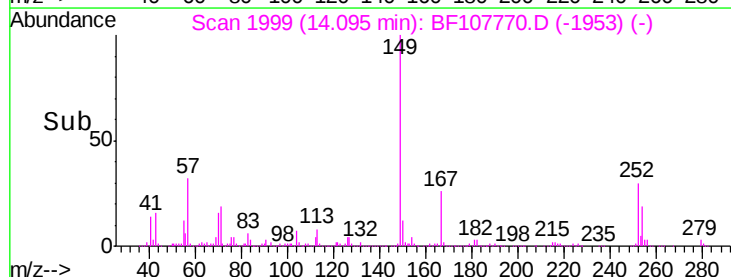
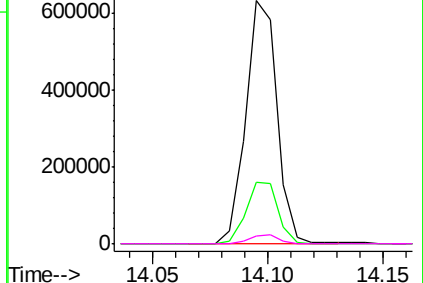
279 3.4 3.0 4.4

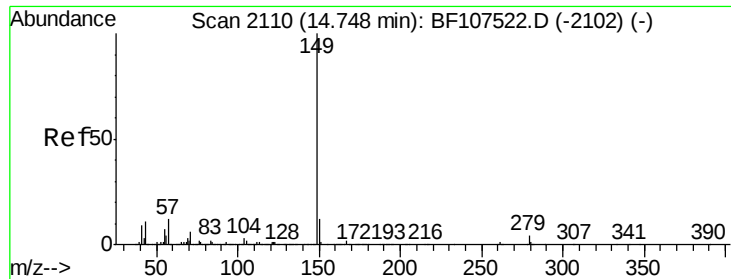


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

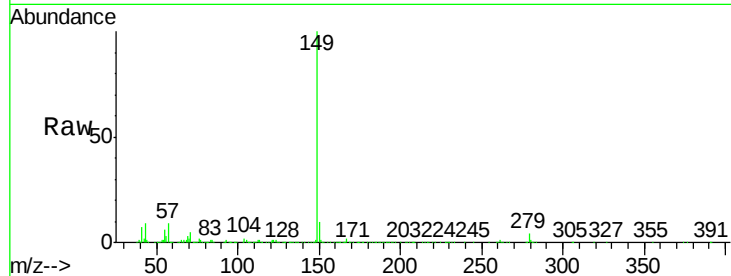




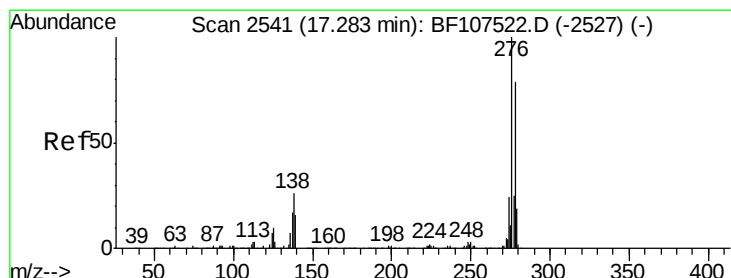
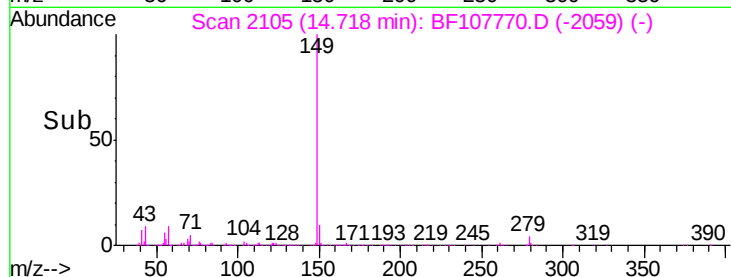
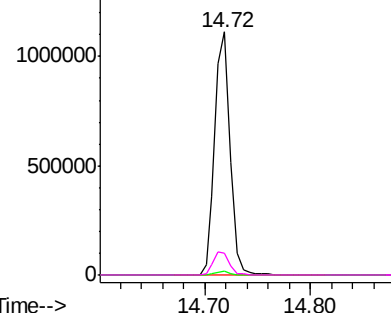
#84
Di-n-octyl phthalate
Concen: 43.505 ng
RT: 14.72 min Scan# 2105
Delta R.T. -0.03 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1120437
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.9 8.4 12.6

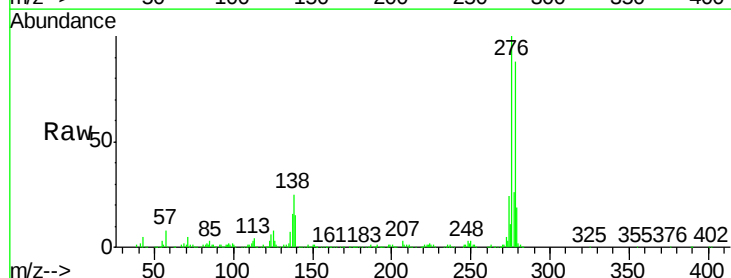


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

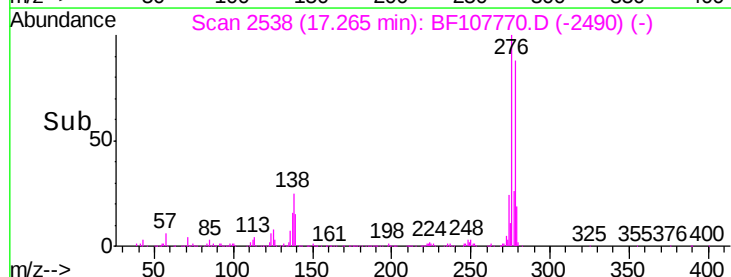
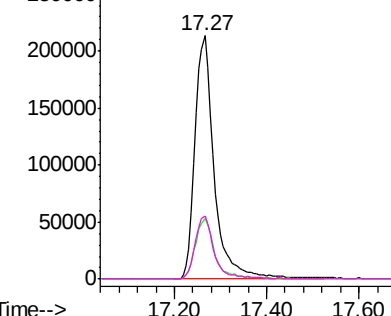


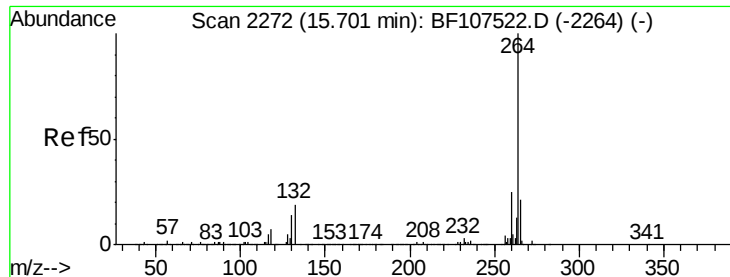
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.624 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion:276 Resp: 621331
Ion Ratio Lower Upper
276 100
138 24.5 25.0 37.6#
277 25.4 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



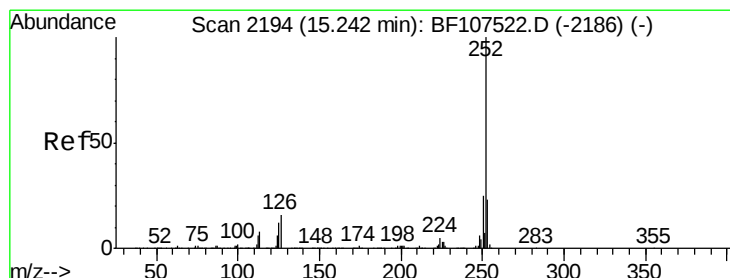
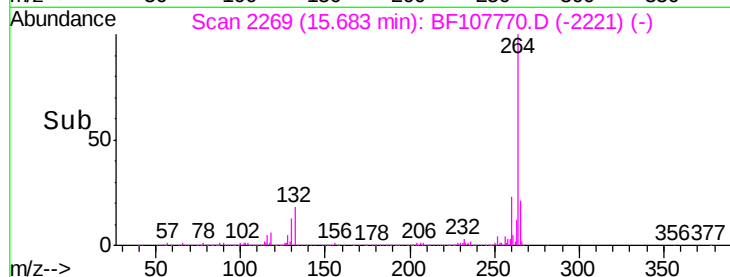
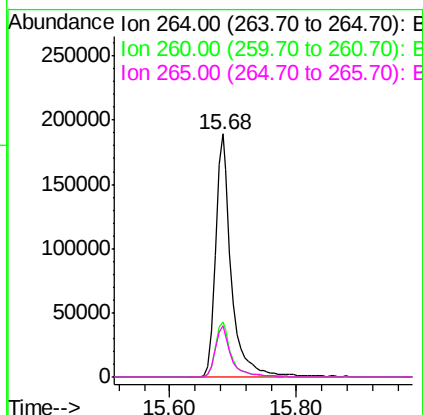
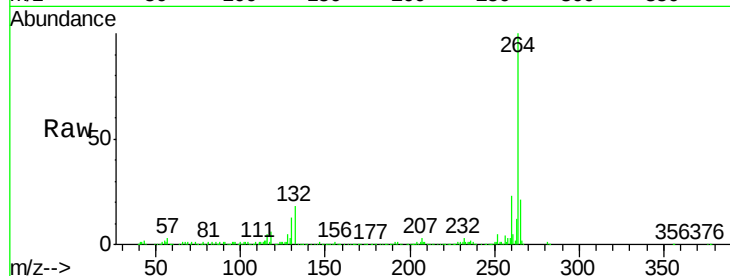


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 337729

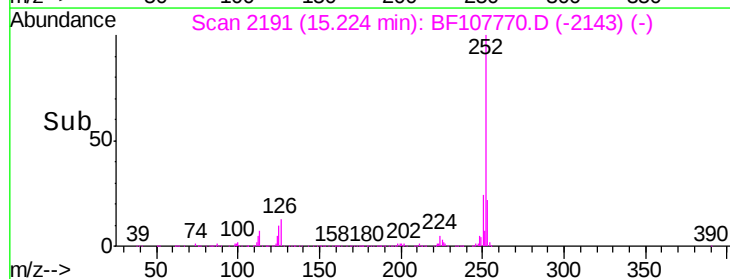
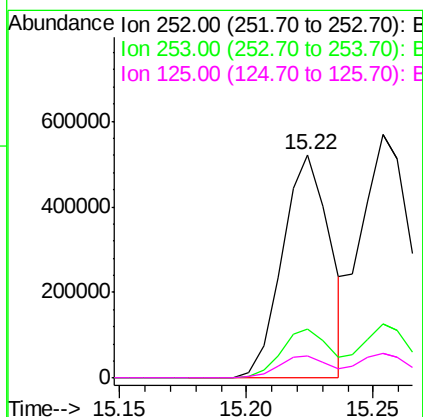
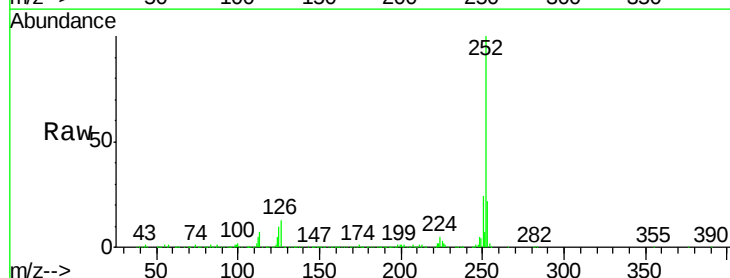
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.5	17.5	26.3

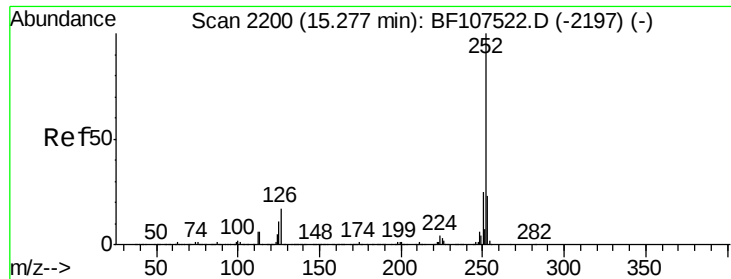


#87
Benzo(b)fluoranthene
Concen: 36.787 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion: 252 Resp: 679945

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	9.7	9.0	13.6

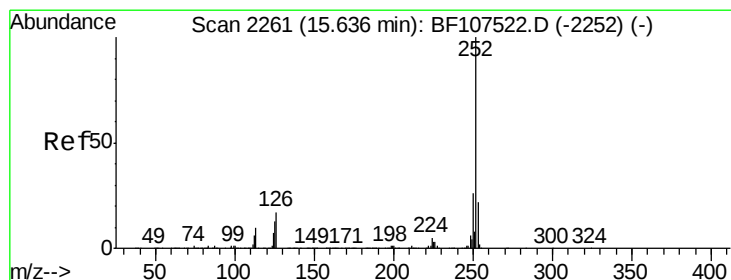
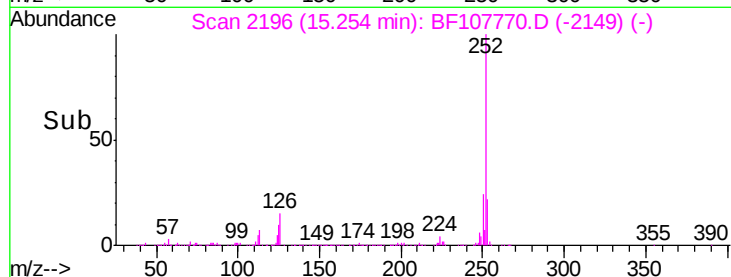
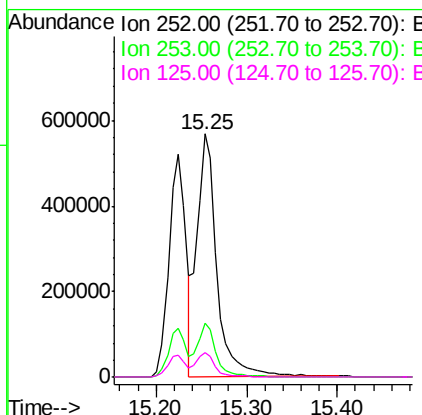
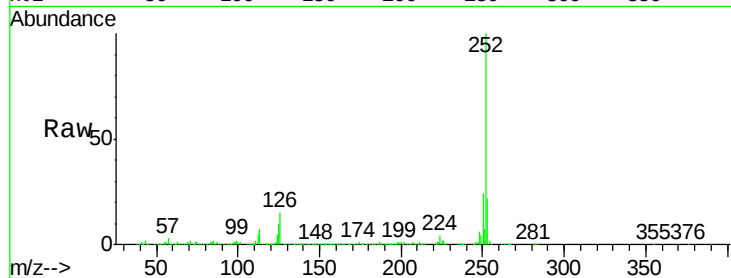




#88
Benzo(k)fluoranthene
Concen: 47.706 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

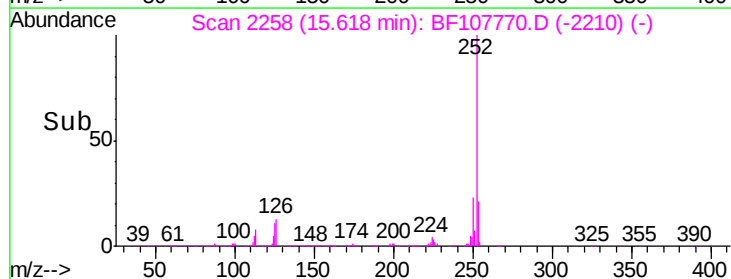
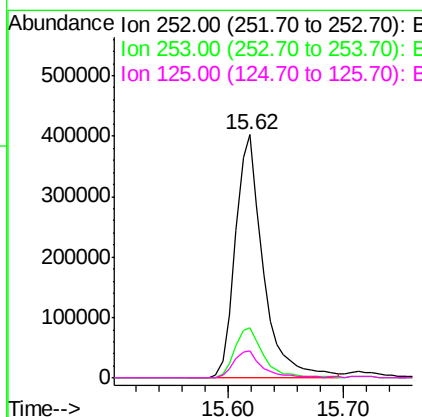
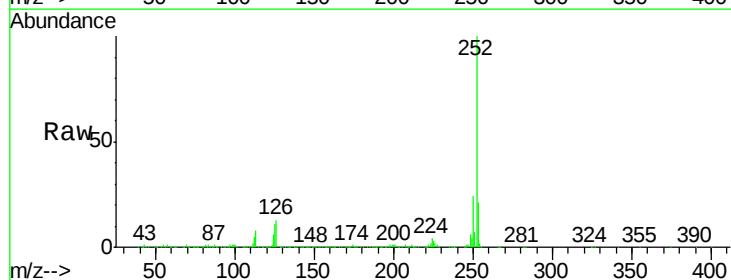
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

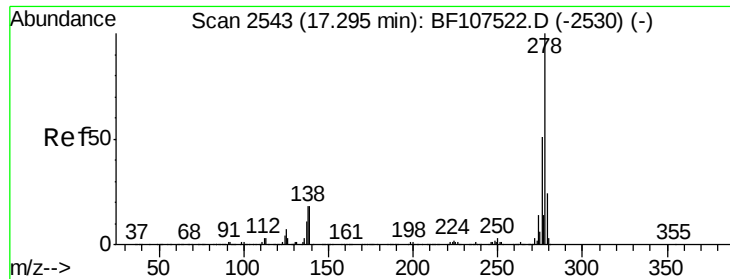
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.3	10.2	15.2



#89
Benzo(a)pyrene
Concen: 39.573 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107770.D
Acq: 28 Jul 2018 2:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	11.0	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 37.037 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

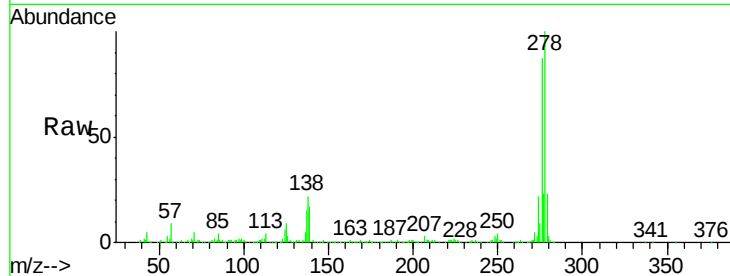
Tgt Ion:278 Resp: 541300

Ion Ratio Lower Upper

278 100

139 16.5 15.9 23.9

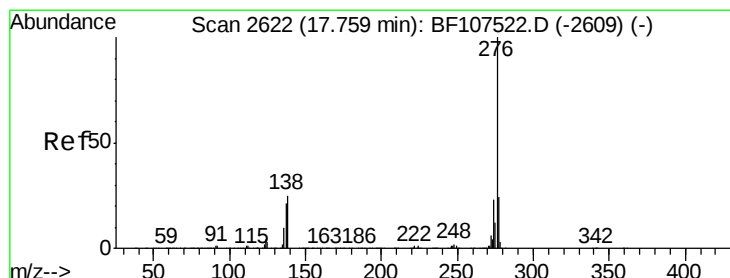
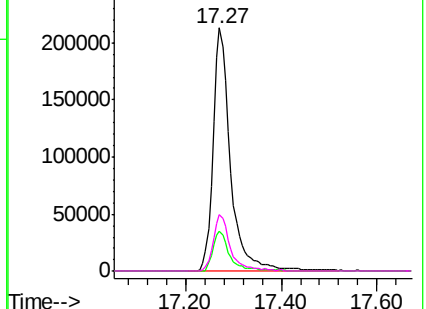
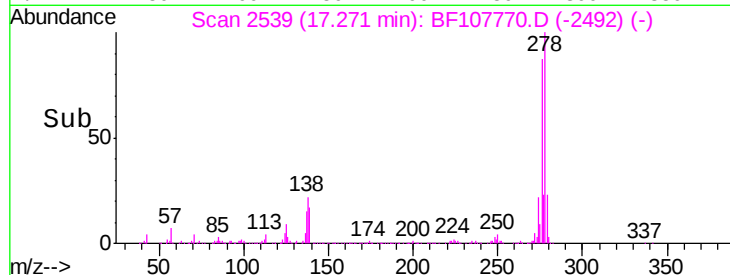
279 23.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 33.579 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF107770.D

Acq: 28 Jul 2018 2:39

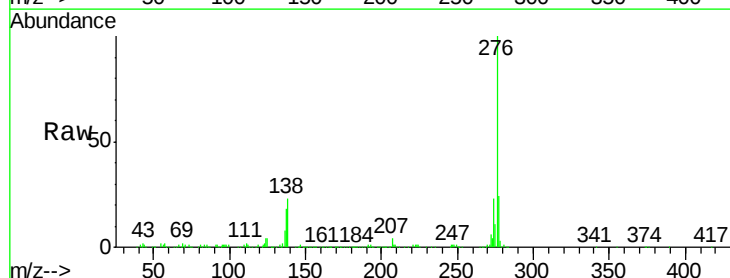
Tgt Ion:276 Resp: 484083

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 23.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

