

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107522.D
 Acq On : 20 Jul 2018 14:10
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 14:38:31 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 14:36:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	351697	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1397694	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	630522	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1232583	20.00	ng	0.00
75) Chrysene-d12	14.17	240	952281	20.00	ng	0.00
86) Perylene-d12	15.70	264	838637	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1775583	76.68	ng	0.00
7) Phenol-d6	6.61	99	2057321	68.72	ng	0.00
23) Nitrobenzene-d5	7.55	82	1717642	65.53	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	597620	107.88	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	2999376	68.36	ng	0.00
78) Terphenyl-d14	13.10	244	2810692	73.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.86	88	408908	35.767	ng	# 83
3) Pyridine	3.63	79	1122918	36.416	ng	# 85
4) n-Nitrosodimethylamine	3.61	42	459818	36.315	ng	92
6) Aniline	6.65	93	1353771	34.205	ng	# 89
8) 2-Chlorophenol	6.77	128	936243	39.978	ng	93
9) Benzaldehyde	6.53	77	632260	26.252	ng	100
10) Phenol	6.62	94	1210405	37.710	ng	90
11) bis(2-Chloroethyl)ether	6.71	93	1041131	39.747	ng	91
12) 1,3-Dichlorobenzene	6.92	146	1041771	36.640	ng	99
13) 1,4-Dichlorobenzene	7.00	146	1071618	38.021	ng	98
14) 1,2-Dichlorobenzene	7.15	146	948881	35.981	ng	98
15) Benzyl Alcohol	7.12	79	730561	24.297	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1690270	60.471	ng	92
17) 2-Methylphenol	7.23	107	791177	35.532	ng	95
18) Hexachloroethane	7.48	117	389310	37.123	ng	95
19) n-Nitroso-di-n-propylamine	7.39	70	646363	30.152	ng	97
20) 3+4-Methylphenols	7.38	107	931400	32.929	ng	# 70
22) Acetophenone	7.39	105	1240634	32.306	ng	# 90
24) Nitrobenzene	7.57	77	995262	33.788	ng	98
25) Isophorone	7.80	82	1735506	33.405	ng	99
26) 2-Nitrophenol	7.88	139	427053	42.650	ng	98
27) 2,4-Dimethylphenol	7.91	122	750334	35.935	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	1158742	35.613	ng	98
29) 2,4-Dichlorophenol	8.12	162	798840	36.764	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	854110	32.461	ng	98
31) Naphthalene	8.28	128	2351626	34.638	ng	95
32) Benzoic acid	8.05	122	480793	37.519	ng	93
33) 4-Chloroaniline	8.33	127	999063	33.979	ng	95
34) Hexachlorobutadiene	8.39	225	507304	28.814	ng	99
35) Caprolactam	8.71	113	259045	36.650	ng	# 68
36) 4-Chloro-3-methylphenol	8.82	107	865556	30.487	ng	99
37) 2-Methylnaphthalene	8.97	142	1623628	36.282	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	822013	33.502	ng	99
40) Hexachlorocyclopentadiene	9.12	237	448363	34.987	ng	98

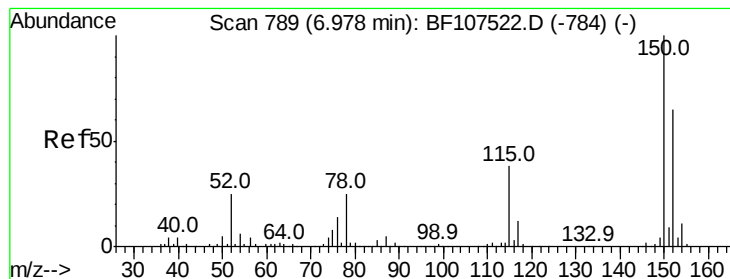
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	563359	36.782	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	588772	40.183	nq	95
45) 1,1'-Biphenyl	9.44	154	2097325	38.472	nq	96
46) 2-Chloronaphthalene	9.47	162	1624470	37.728	nq	97
47) 2-Nitroaniline	9.57	65	521861	39.606	nq	86
48) Acenaphthylene	9.88	152	2417871	40.239	nq	94
49) Dimethylphthalate	9.74	163	1831433	36.558	nq	97
50) 2,6-Dinitrotoluene	9.81	165	389603	40.755	nq	94
51) Acenaphthene	10.06	154	1558816	39.133	nq	98
52) 3-Nitroaniline	9.98	138	472568	47.064	nq	99
53) 2,4-Dinitrophenol	10.08	184	124153	36.863	nq #	21
54) Dibenzofuran	10.23	168	2209754	35.899	nq	95
55) 4-Nitrophenol	10.15	139	364872	44.907	nq	96
56) 2,4-Dinitrotoluene	10.21	165	485167	38.937	nq	97
57) Fluorene	10.57	166	1638050	40.180	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	487254	34.330	nq	90
59) Diethylphthalate	10.44	149	1904730	39.136	nq	95
60) 4-Chlorophenyl-phenylether	10.56	204	893312	36.787	nq	95
61) 4-Nitroaniline	10.61	138	409207	42.823	nq	96
62) Azobenzene	10.72	77	1845096	32.283	nq	91
64) 4,6-Dinitro-2-methylphenol	10.62	198	216851	36.932	nq	92
65) n-Nitrosodiphenylamine	10.68	169	1602319	41.160	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	561010	39.783	nq #	87
67) Hexachlorobenzene	11.12	284	616257	47.210	nq #	91
68) Atrazine	11.21	200	505618	34.370	nq	97
69) Pentachlorophenol	11.32	266	409198	42.419	nq	99
70) Phenanthrene	11.54	178	2251310	36.650	nq	96
71) Anthracene	11.59	178	2249258	36.763	nq	95
72) Carbazole	11.75	167	2341311	40.421	nq	96
73) Di-n-butylphthalate	12.07	149	2644387	39.725	nq	97
74) Fluoranthene	12.73	202	2413360	34.567	nq	96
76) Benzidine	12.85	184	1053561	28.507	nq	98
77) Pyrene	12.97	202	2460670	37.999	nq	96
79) Butylbenzylphthalate	13.57	149	1189291	50.419	nq #	92
80) Benzo(a)anthracene	14.15	228	2178197	37.384	nq	96
81) 3,3'-Dichlorobenzidine	14.11	252	672842	34.432	nq	99
82) Chrysene	14.19	228	2025542	36.392	nq	95
83) Bis(2-ethylhexyl)phthalate	14.12	149	1545620	45.726	nq #	96
84) Di-n-octyl phthalate	14.75	149	2538556	48.312	nq	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	1644232	41.502	nq	97
87) Benzo(b)fluoranthene	15.24	252	1840513	37.495	nq	97
88) Benzo(k)fluoranthene	15.28	252	1748538	36.501	nq	99
89) Benzo(a)pyrene	15.64	252	1657147	36.781	nq	98
90) Dibenzo(a,h)anthracene	17.29	278	1374055	40.410	nq	98
91) Benzo(g,h,i)perylene	17.76	276	1362725	39.441	nq	96

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

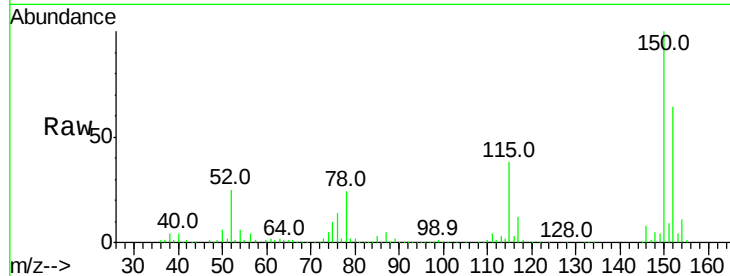


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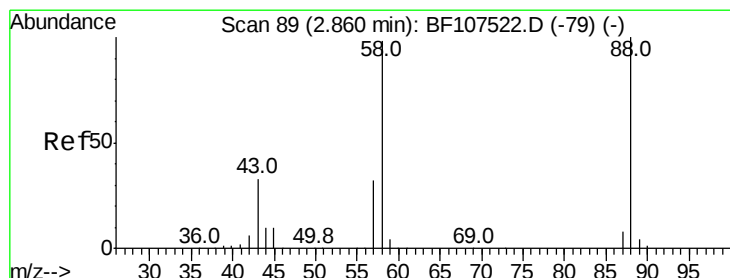
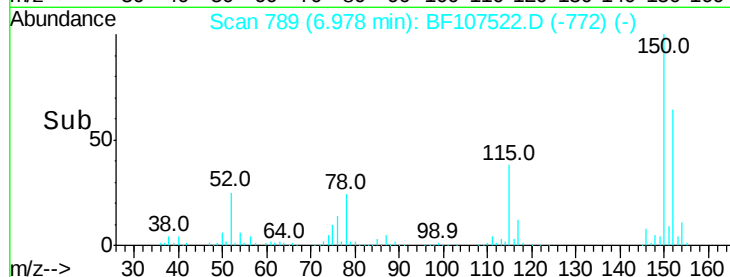
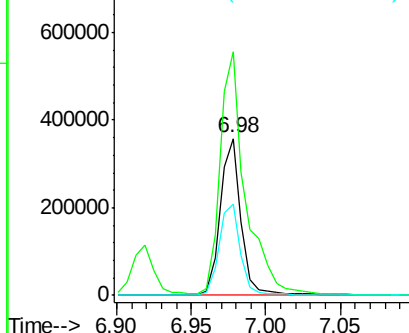
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 351697
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 58.4 50.1 75.1



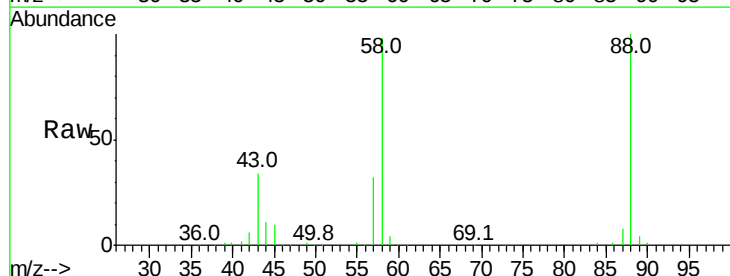
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



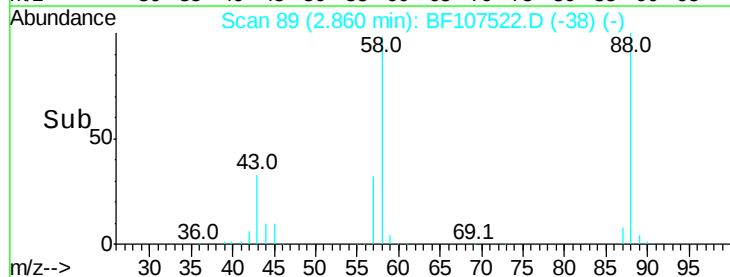
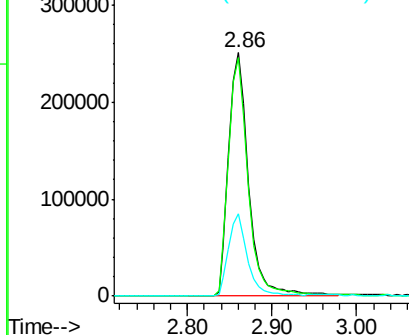
#2

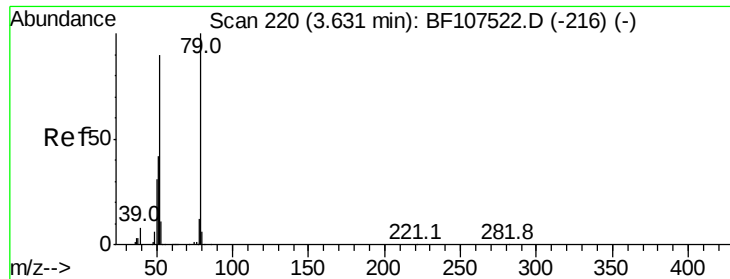
1,4-Dioxane
Concen: 35.767 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion: 88 Resp: 408908
Ion Ratio Lower Upper
88 100
58 97.6 62.6 93.8#
43 31.8 24.6 37.0



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





#3

Pvridine

Concen: 36.416 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

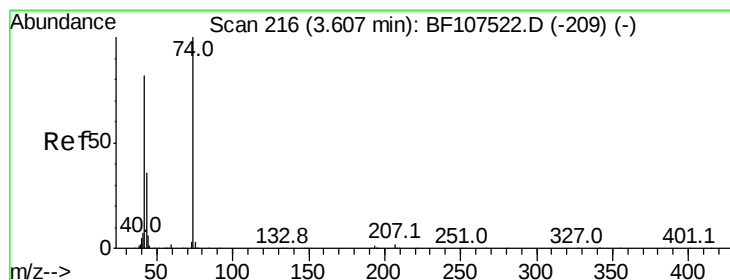
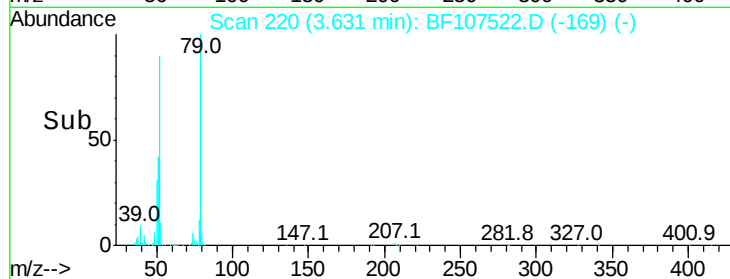
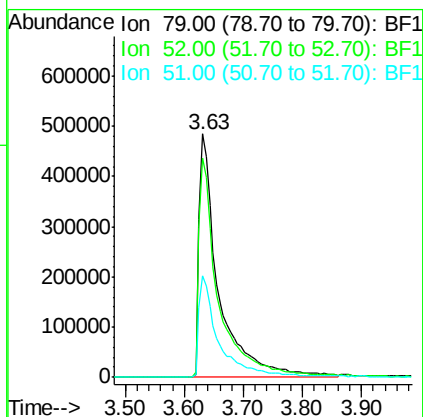
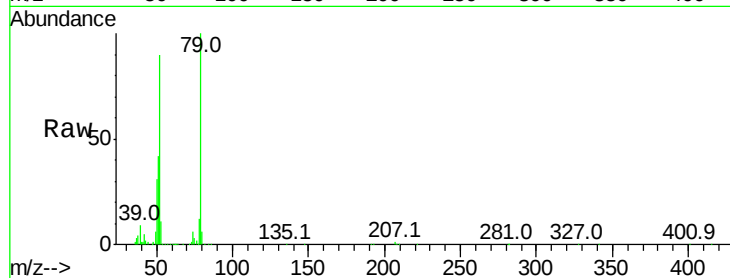
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 1122918

Ion	Ratio	Lower	Upper
79	100		
52	90.3	59.8	89.6#
51	41.8	29.8	44.8



#4

n-Nitrosodimethylamine

Concen: 36.315 ng

RT: 3.61 min Scan# 216

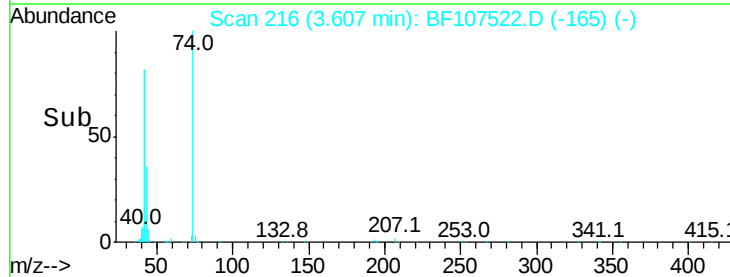
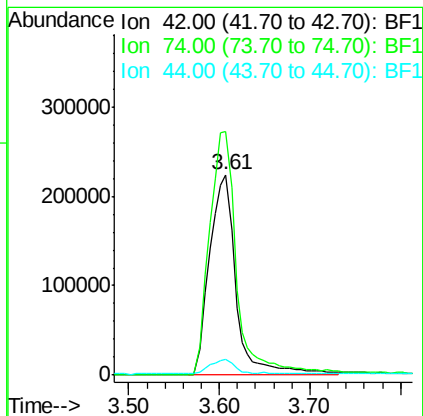
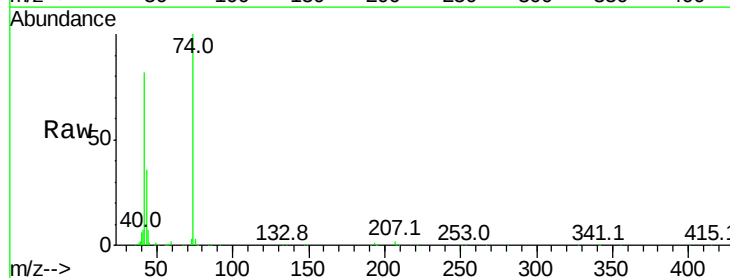
Delta R.T. 0.00 min

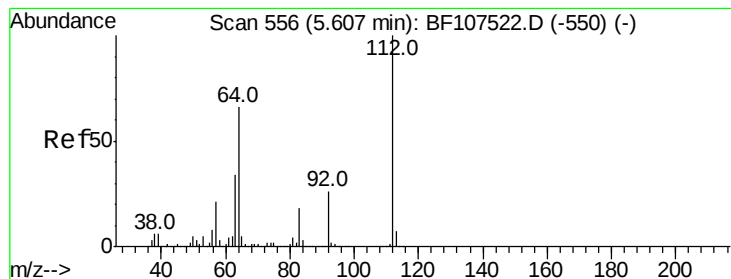
Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Tgt Ion: 42 Resp: 459818

Ion	Ratio	Lower	Upper
42	100		
74	121.3	104.9	157.3
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 76.675 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Instrument :

BNA_F

ClientSampleId :

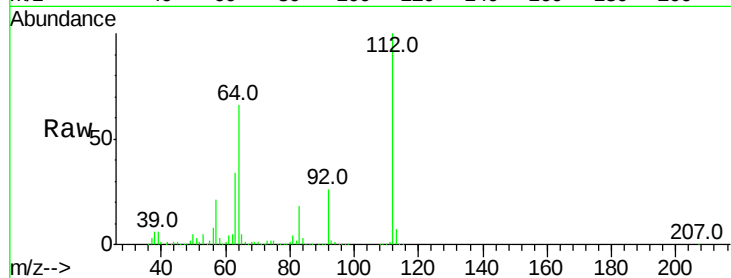
Tot Ion:112 Resp: 1775583

Ion Ratio Lower Upper

112 100

64 65.6 47.9 71.9

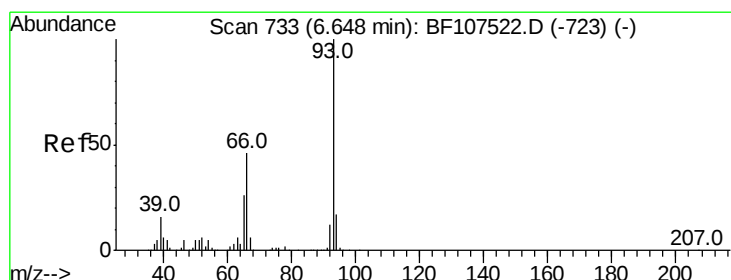
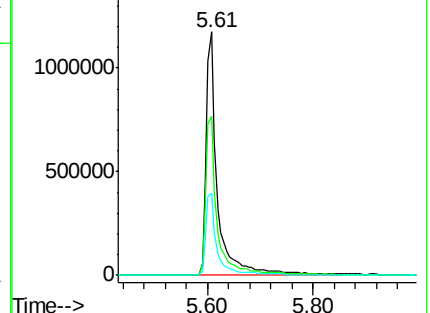
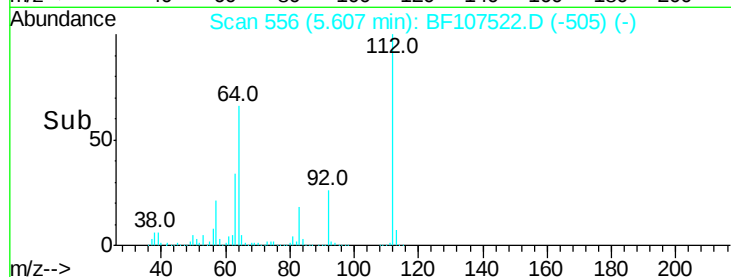
63 33.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.205 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

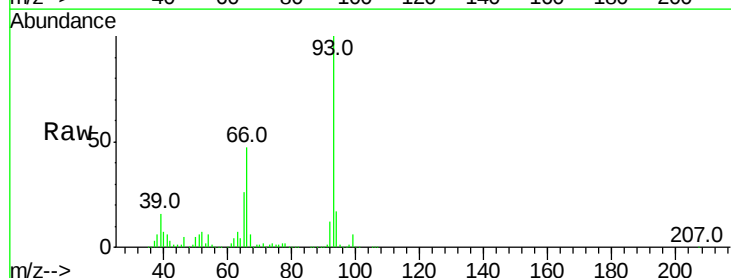
Tgt Ion: 93 Resp: 1353771

Ion Ratio Lower Upper

93 100

66 46.6 32.2 48.2

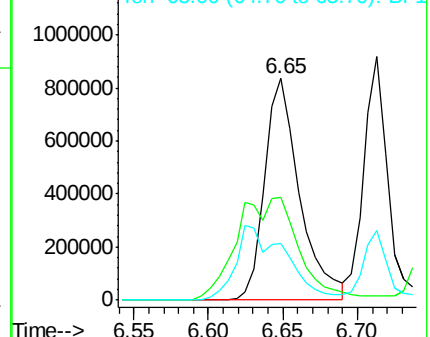
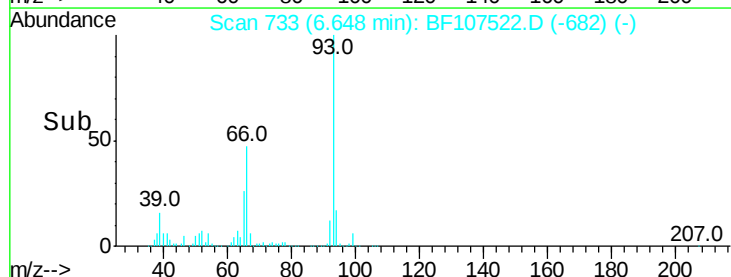
65 25.7 16.4 24.6#

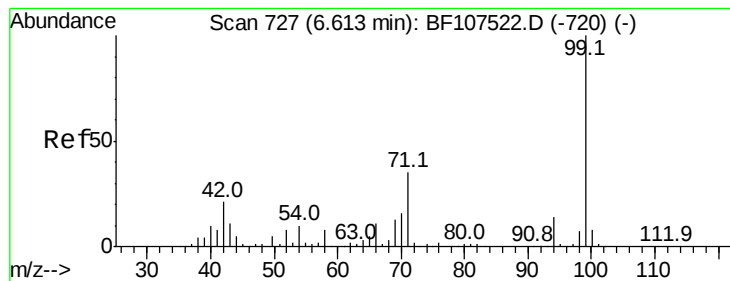


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.716 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Instrument :

BNA_F

ClientSampleId :

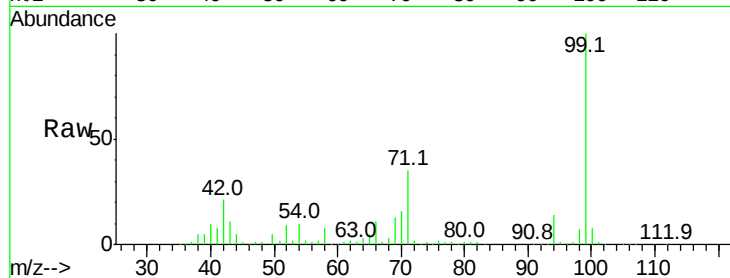
Tot Ion: 99 Resp: 2057321

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	35.4	25.4	38.0

99 100

42 20.8 14.5 21.7

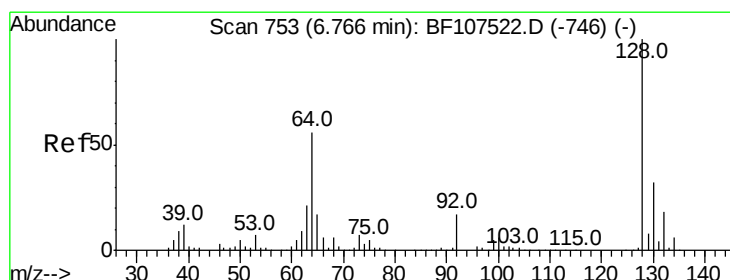
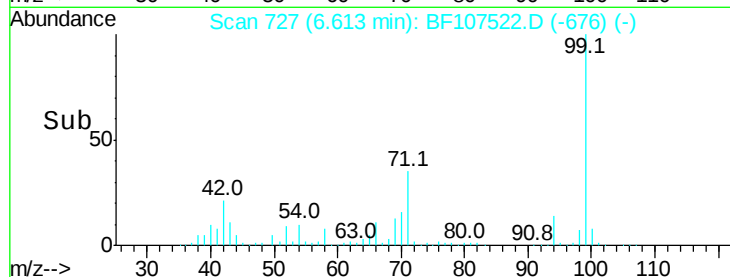
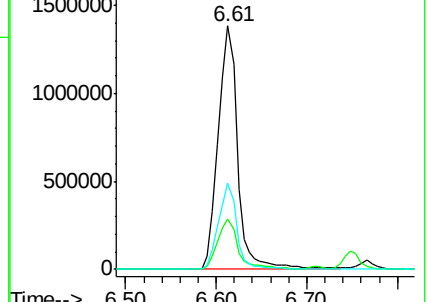
71 35.4 25.4 38.0



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: 39.978 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

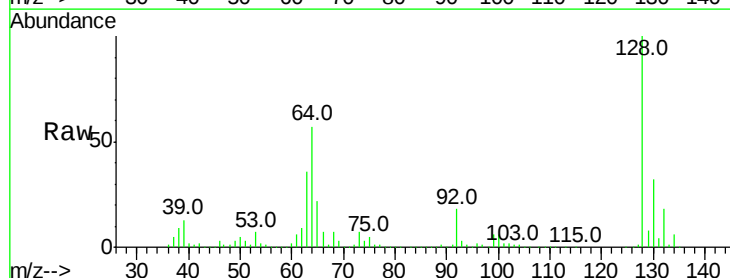
Tgt Ion:128 Resp: 936243

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	56.9	29.4	69.4

128 100

130 32.4 13.0 53.0

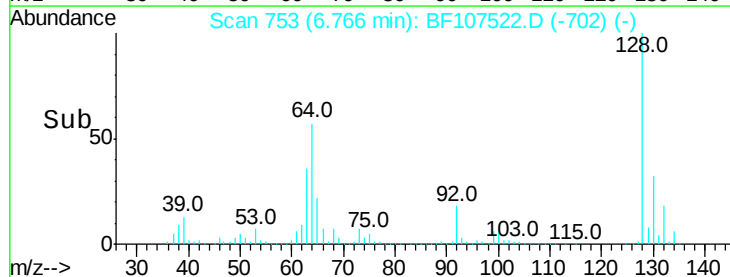
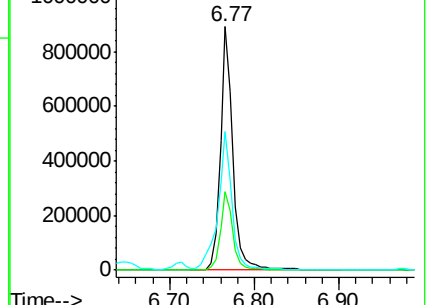
64 56.9 29.4 69.4

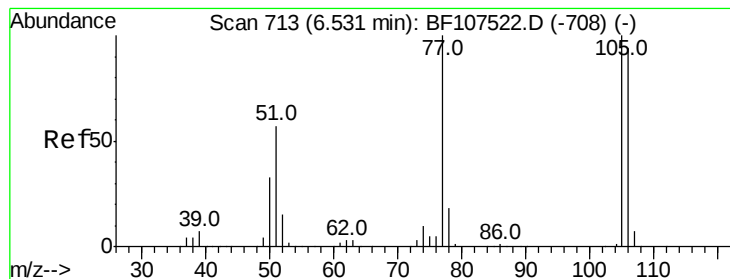


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.252 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Instrument :

BNA_F

ClientSampled :

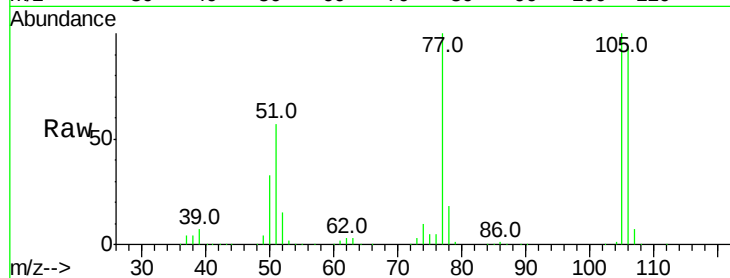
Tot Ion: 77 Resp: 632260

Ion Ratio Lower Upper

77 100

105 100.3 81.1 121.1

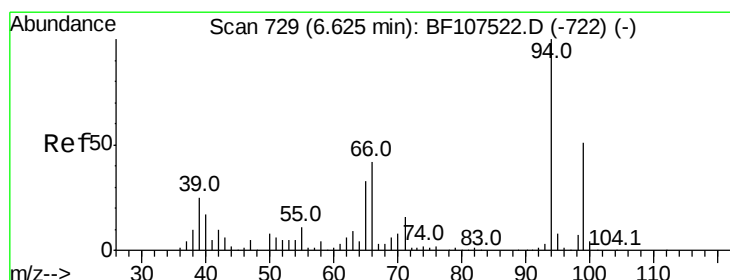
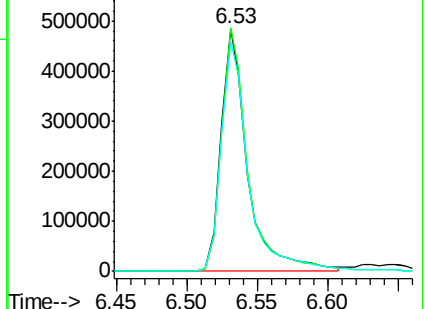
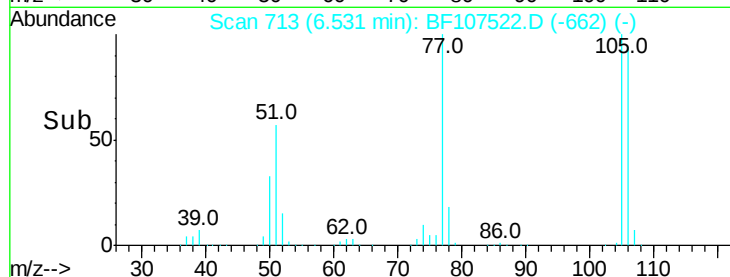
106 94.6 74.5 114.5



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: 37.710 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

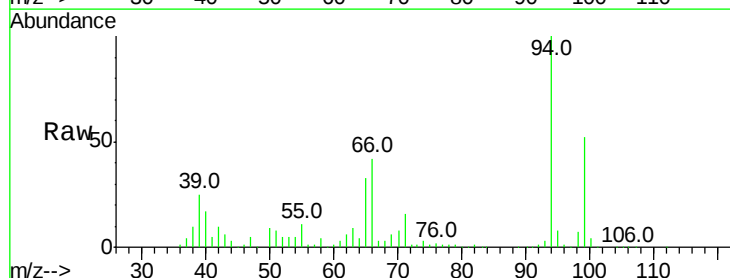
Tgt Ion: 94 Resp: 1210405

Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

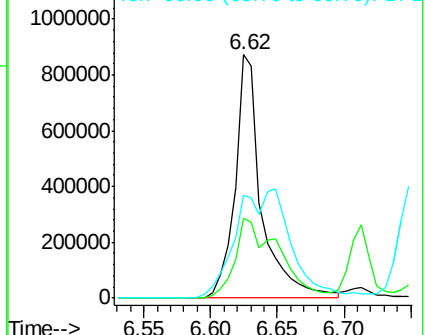
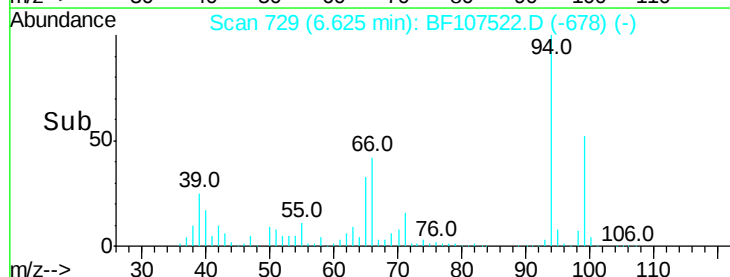
66 42.4 16.2 56.2

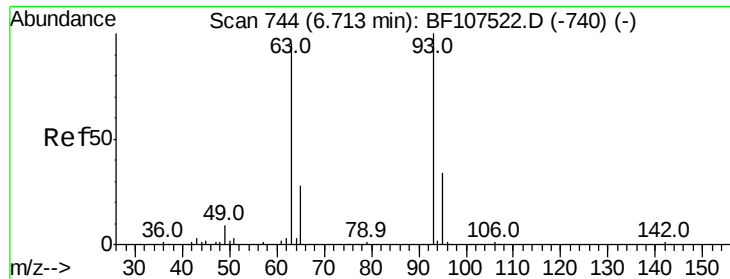


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

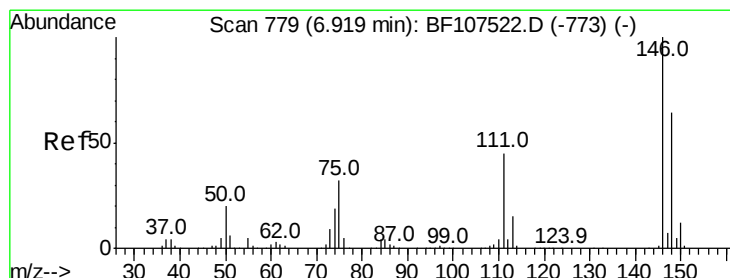
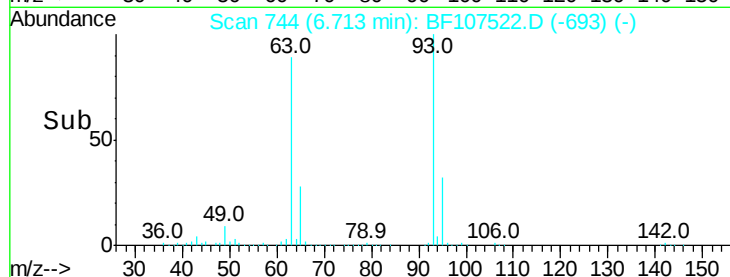
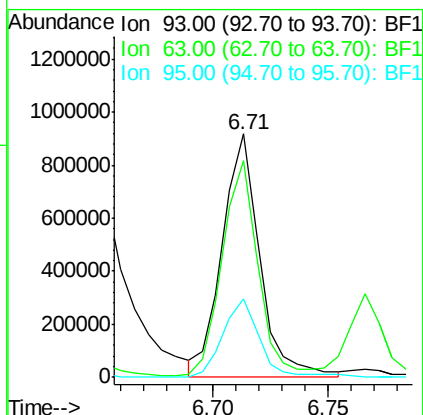
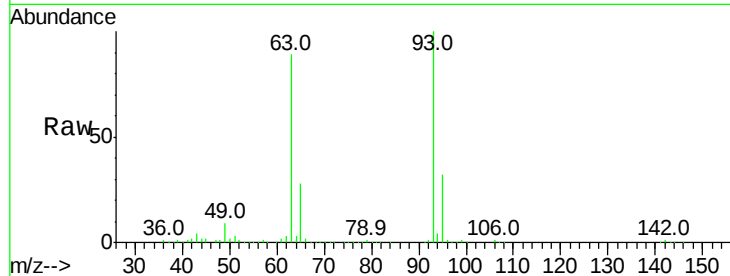




#11
bis(2-Chloroethyl)ether
Concen: 39.747 ng
RT: 6.71 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

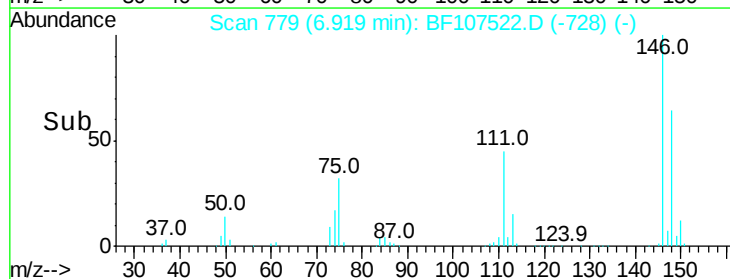
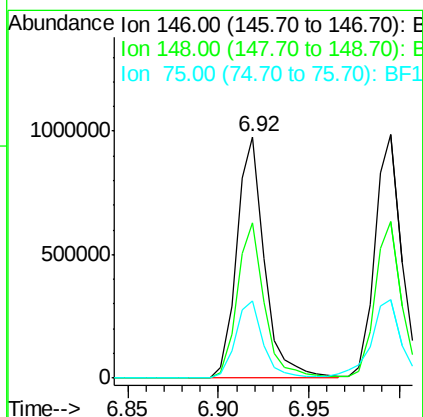
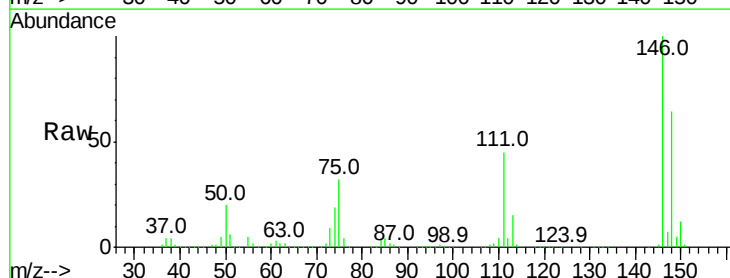
Instrument :
BNA_F
ClientSampleId :

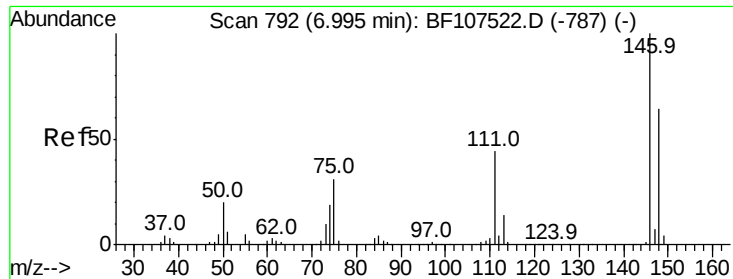
Tot Ion: 93 Resp: 1041131
Ion Ratio Lower Upper
93 100
63 89.3 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.640 ng
RT: 6.92 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion: 146 Resp: 1041771
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 32.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.021 ng

RT: 7.00 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

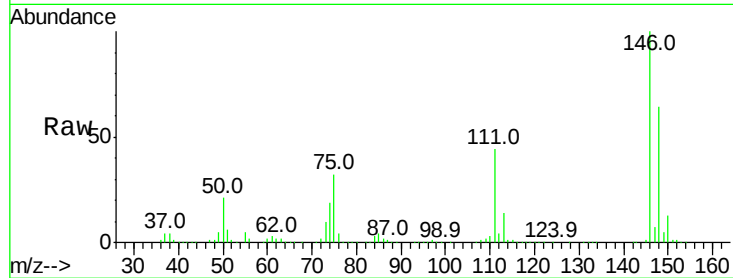
Instrument :

BNA_F

ClientSampleId :

Tot Ion:146 Resp: 1071618

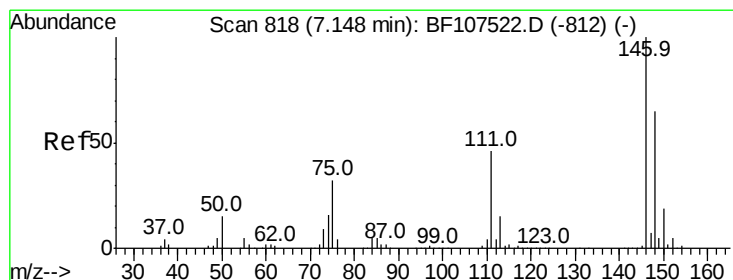
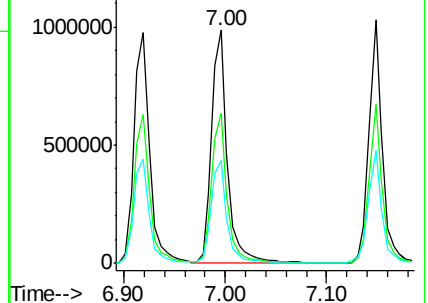
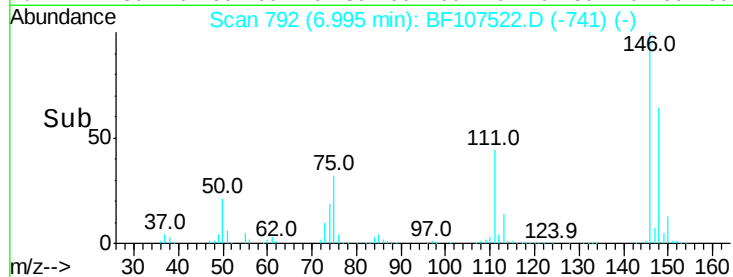
Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	44.3	34.2	51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.981 ng

RT: 7.15 min Scan# 818

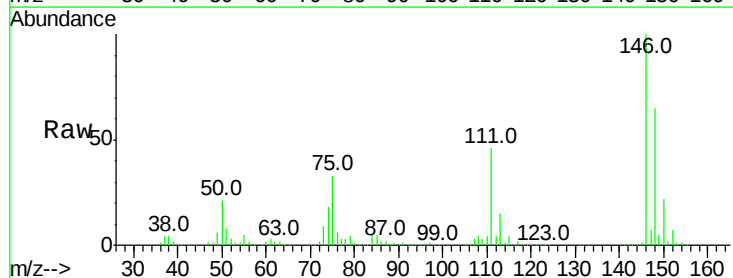
Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Tgt Ion:146 Resp: 948881

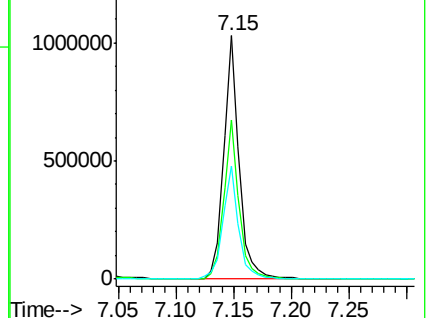
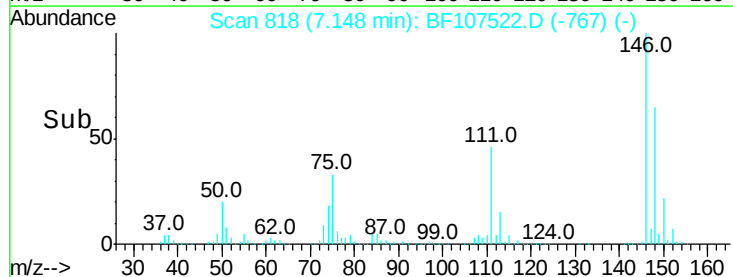
Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	75.8
111	46.4	36.0	54.0

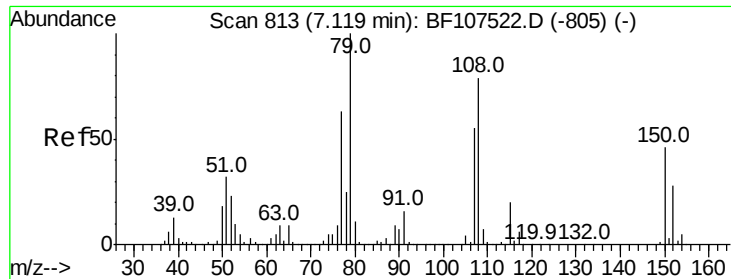


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

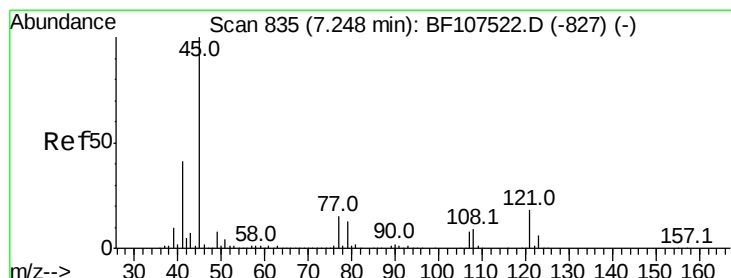
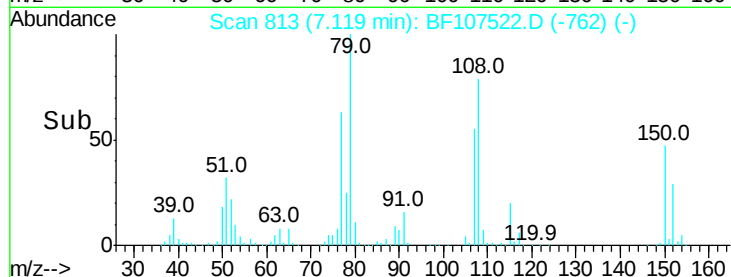
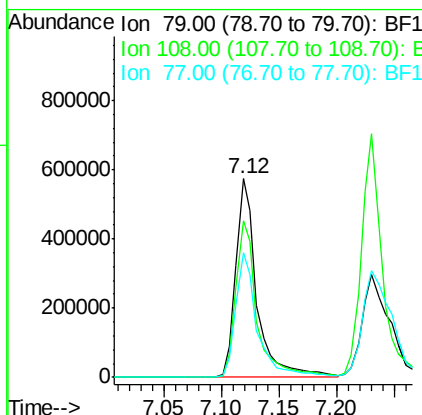
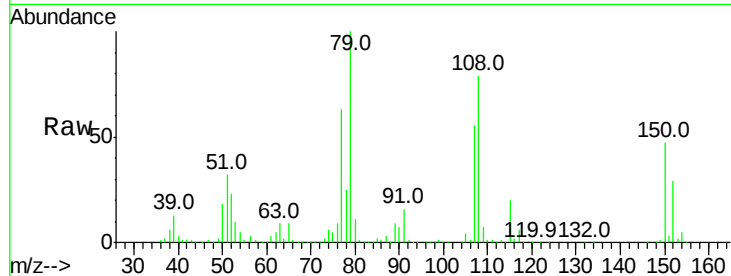




#15
Benzyl Alcohol
Concen: 24.297 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

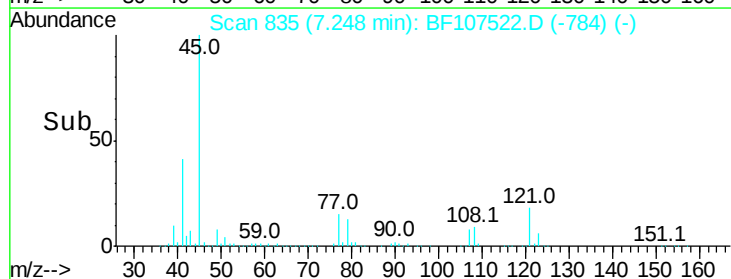
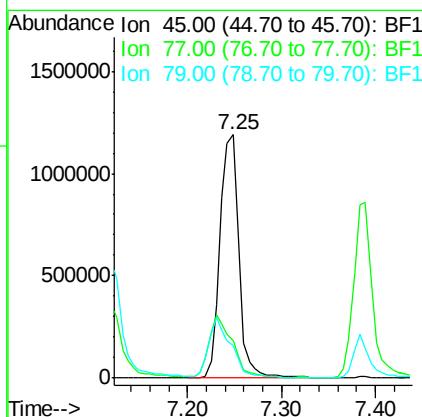
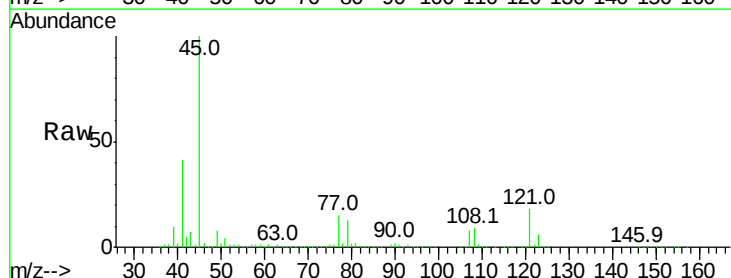
Instrument :
BNA_F
ClientSampled :

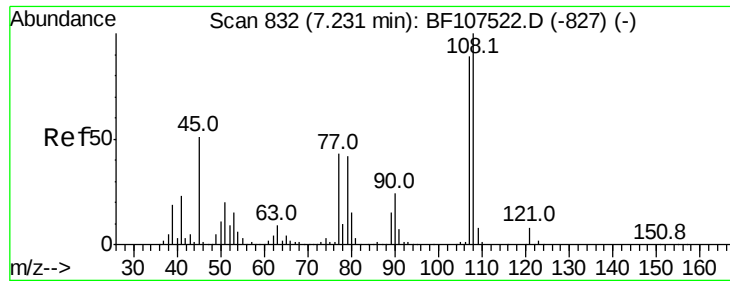
Tot Ion: 79 Resp: 730561
Ion Ratio Lower Upper
79 100
108 78.9 65.1 97.7
77 62.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.471 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion: 45 Resp: 1690270
Ion Ratio Lower Upper
45 100
77 15.5 0.0 32.9
79 13.2 0.0 29.6

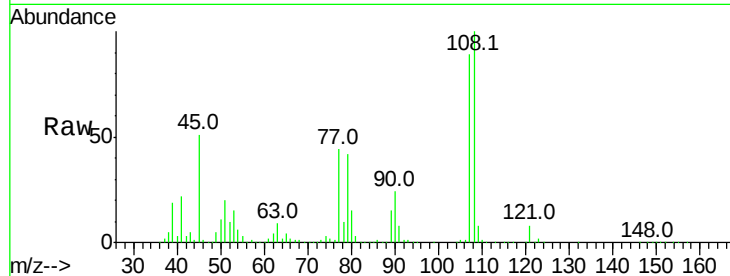




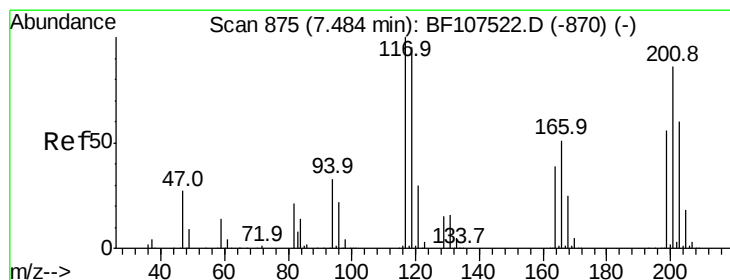
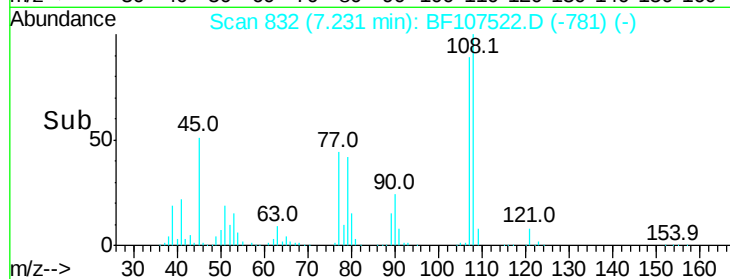
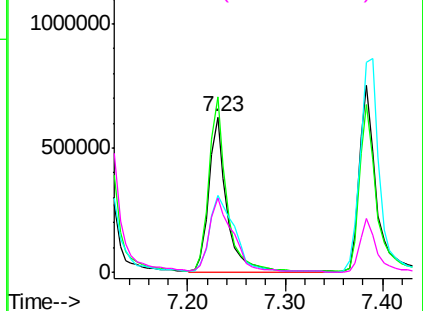
#17
2-Methylphenol
Concen: 35.532 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.7	137.5
77	49.2	33.8	50.8
79	47.4	33.8	50.8

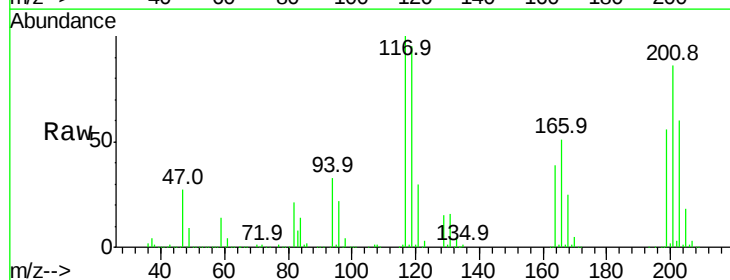


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

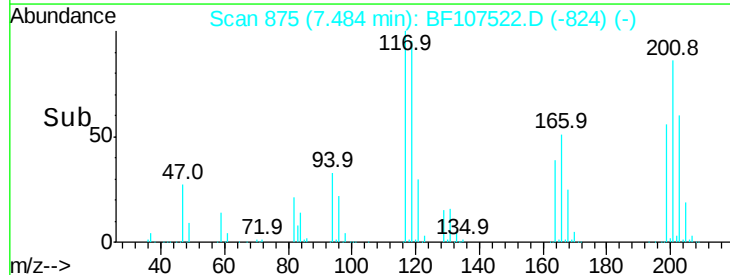
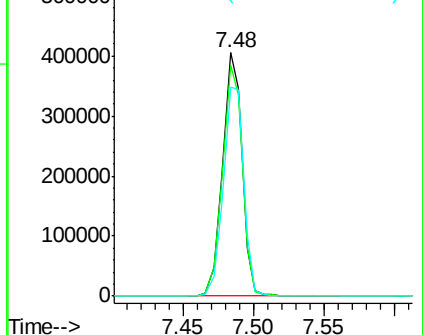


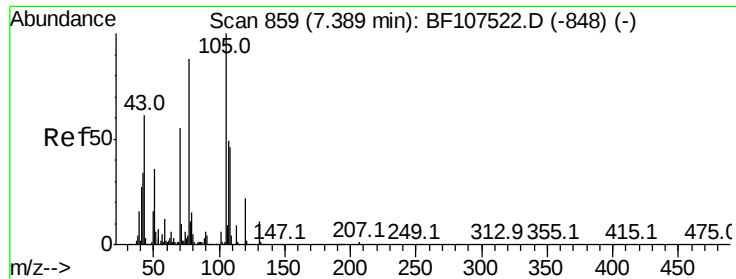
#18
Hexachloroethane
Concen: 37.123 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	85.7	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: 30.152 ng

RT: 7.39 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 646363

Ion Ratio Lower Upper

70 100

42 61.8 47.5 71.3

101 10.2 7.4 11.2

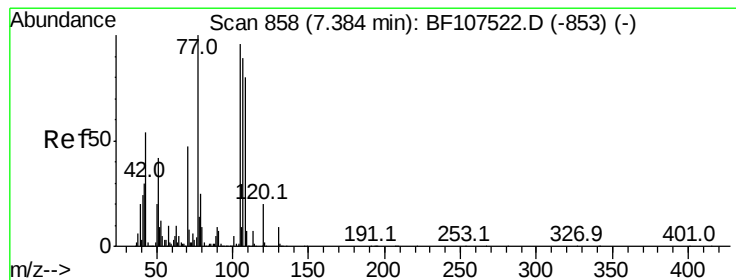
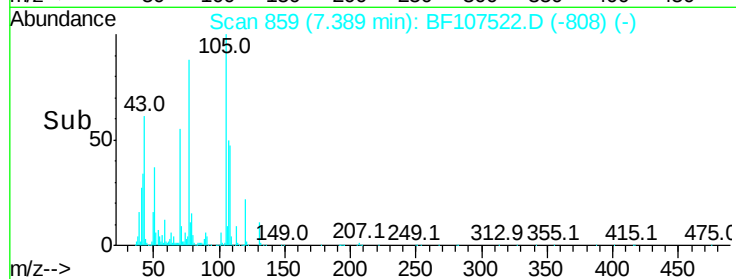
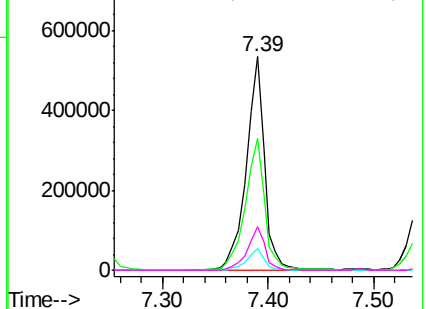
130 20.5 16.6 25.0

Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 32.929 ng

RT: 7.38 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Tgt Ion: 107 Resp: 931400

Ion Ratio Lower Upper

107 100

108 90.0 68.2 108.2

77 112.5 26.7 66.7#

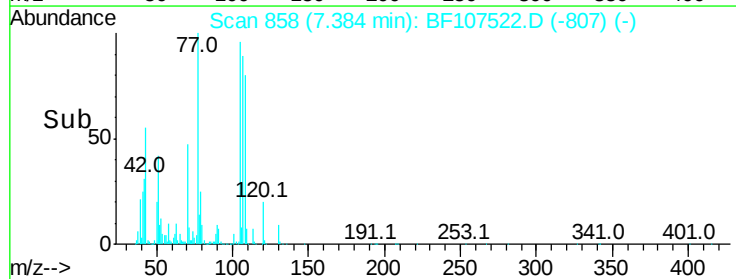
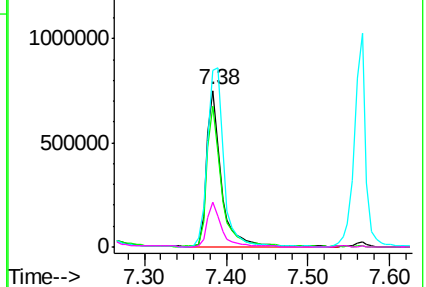
79 28.7 6.3 46.3

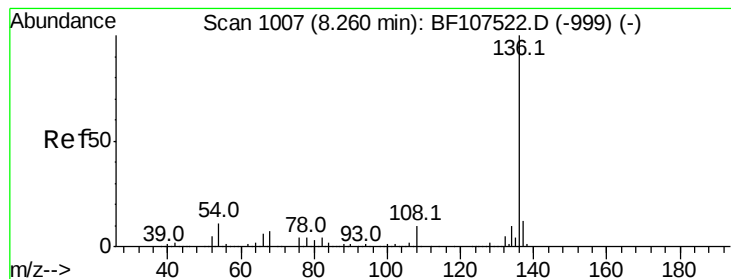
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Instrument :

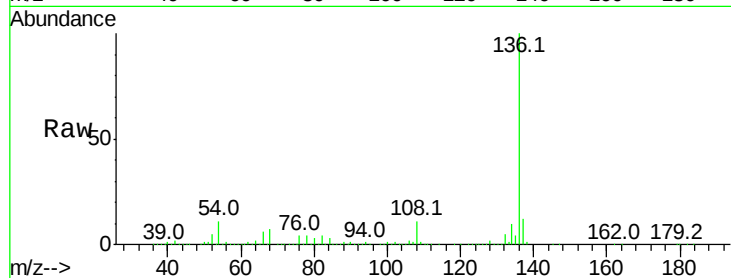
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1397694

Ion Ratio Lower Upper

136	100		
137	11.8	8.9	13.3
54	11.3	6.6	9.8#
68	7.0	5.0	7.4

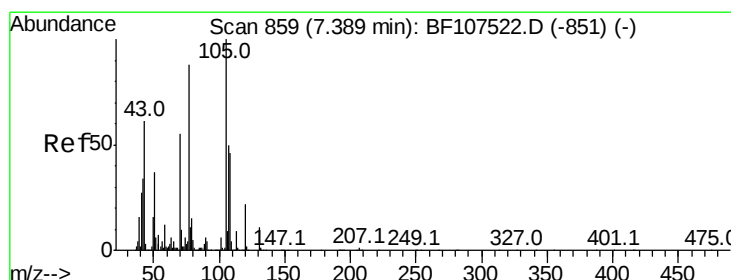
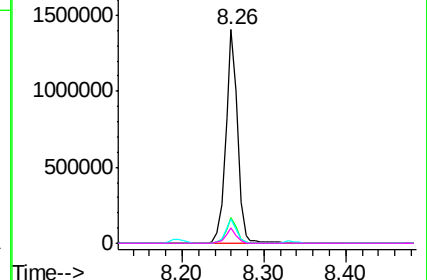
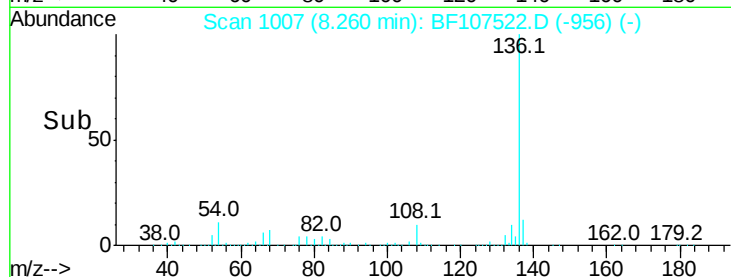


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.306 ng

RT: 7.39 min Scan# 859

Delta R.T. 0.00 min

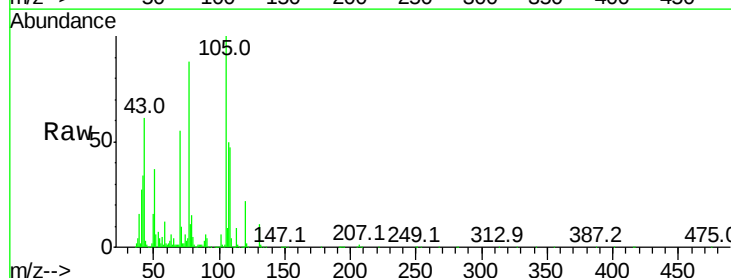
Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Tgt Ion:105 Resp: 1240634

Ion Ratio Lower Upper

105	100		
71	9.5	4.4	6.6#
51	36.7	22.3	33.5#
120	21.5	16.9	25.3

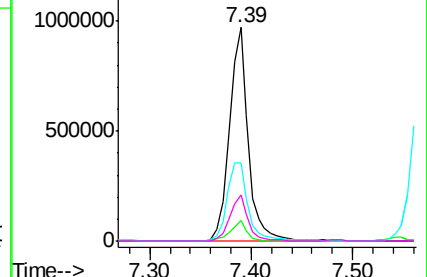
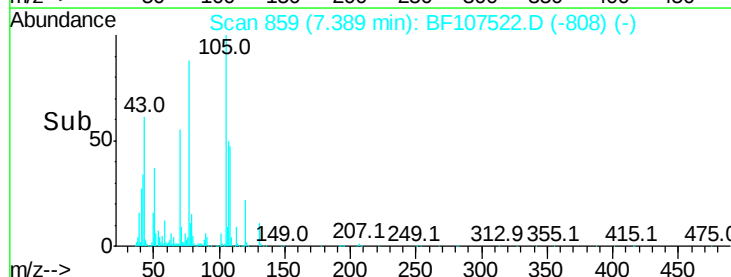


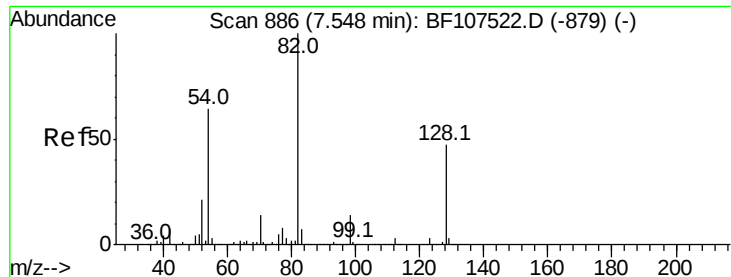
Abundance Ion 105.00 (104.70 to 105.70): E

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

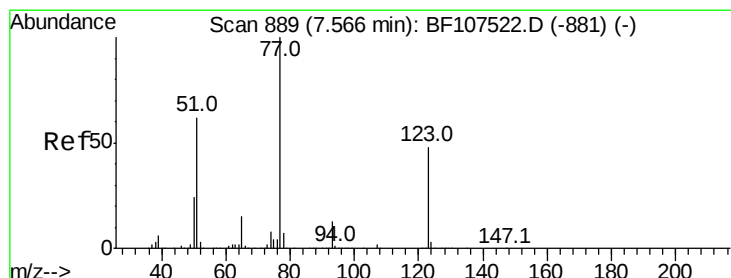
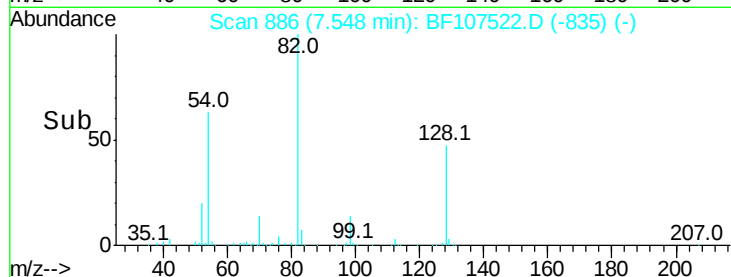
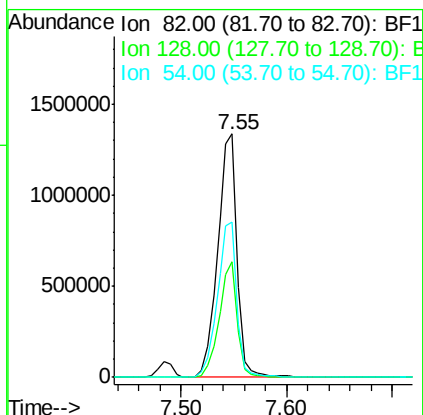
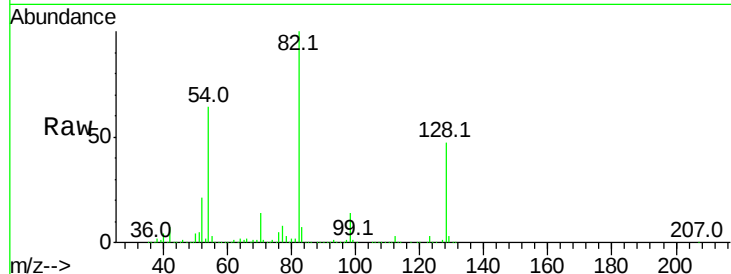




#23
Nitrobenzene-d5
Concen: 65.531 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

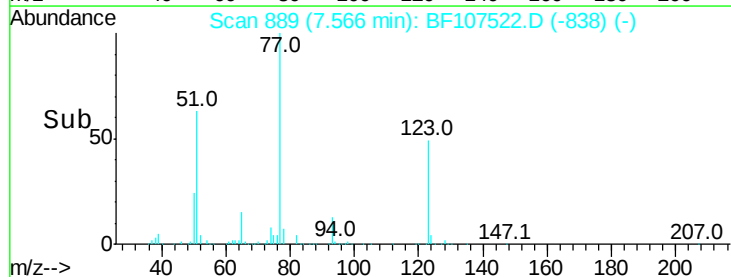
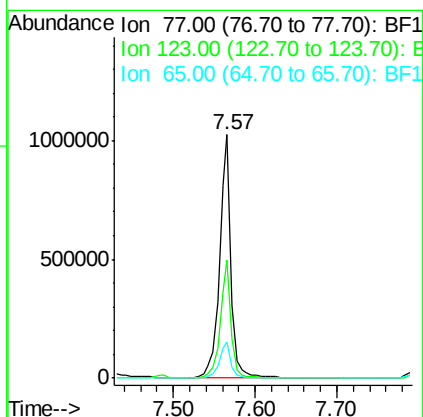
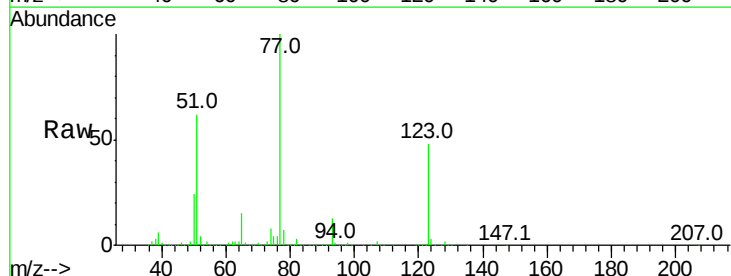
Instrument :
BNA_F
ClientSampleId :

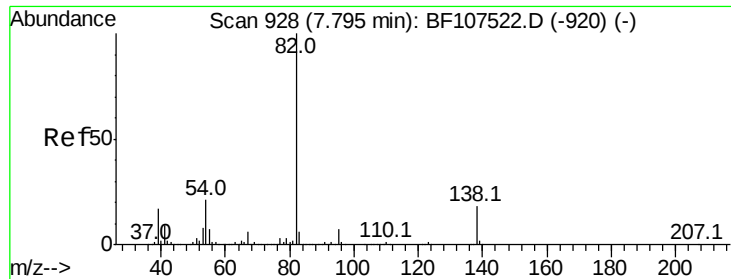
Tot Ion: 82 Resp: 1717642
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 63.8 41.4 62.2#



#24
Nitrobenzene
Concen: 33.788 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion: 77 Resp: 995262
Ion Ratio Lower Upper
77 100
123 48.3 37.9 56.9
65 14.9 11.0 16.4

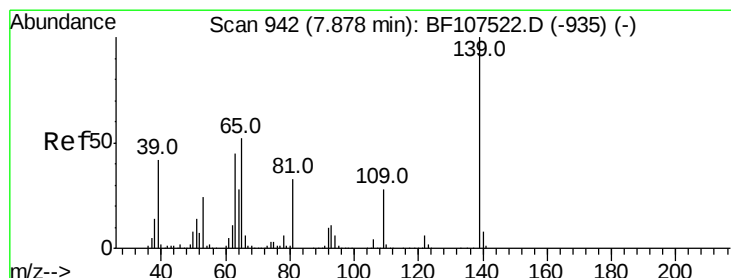
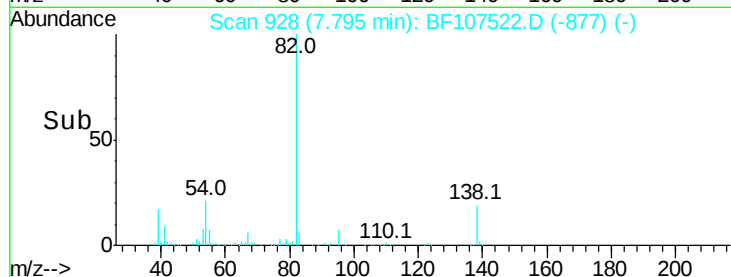
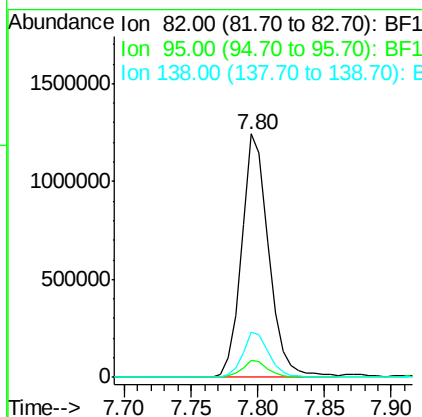
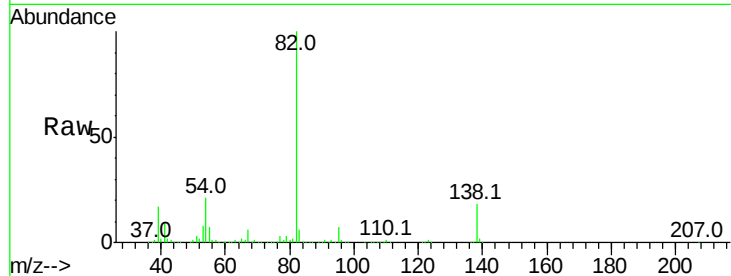




#25
Isophorone
Concen: 33.405 ng
RT: 7.80 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

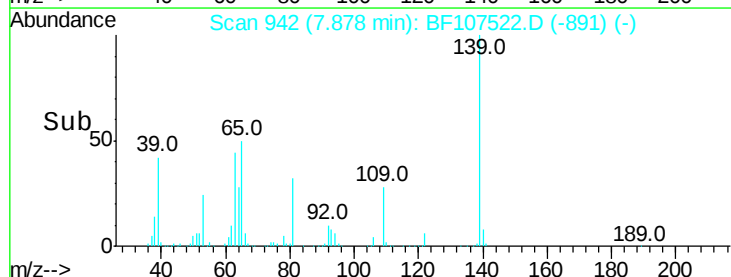
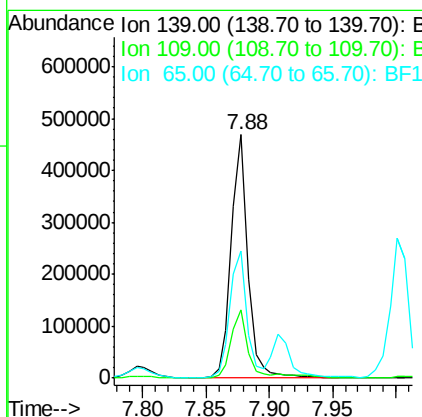
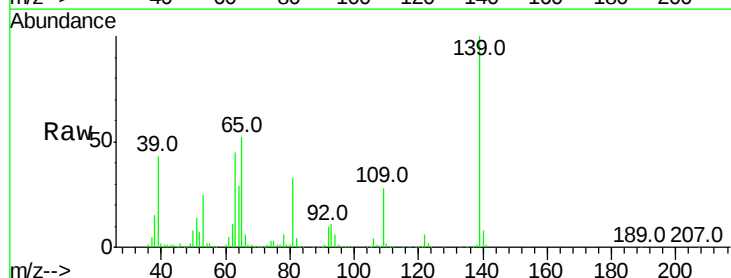
Instrument :
BNA_F
ClientSampleId :

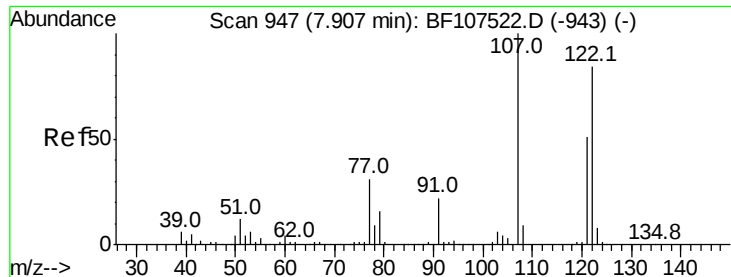
Tot Ion: 82 Resp: 1735506
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 18.4 14.9 22.3



#26
2-Nitrophenol
Concen: 42.650 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:139 Resp: 427053
Ion Ratio Lower Upper
139 100
109 27.9 22.7 34.1
65 52.0 40.5 60.7

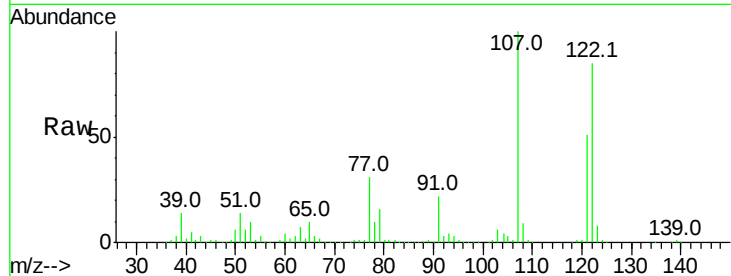




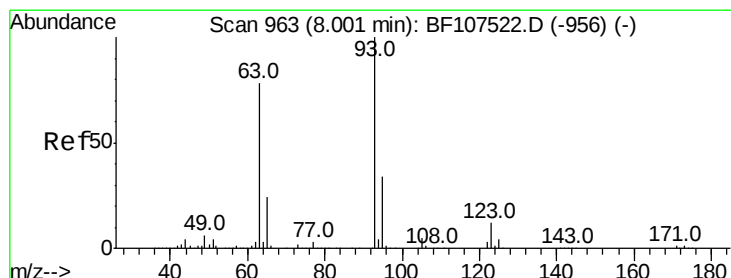
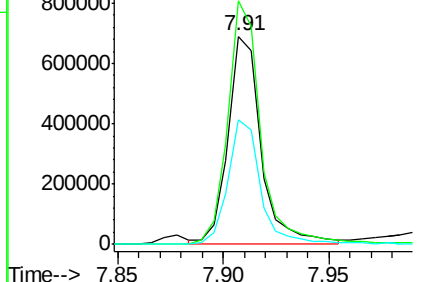
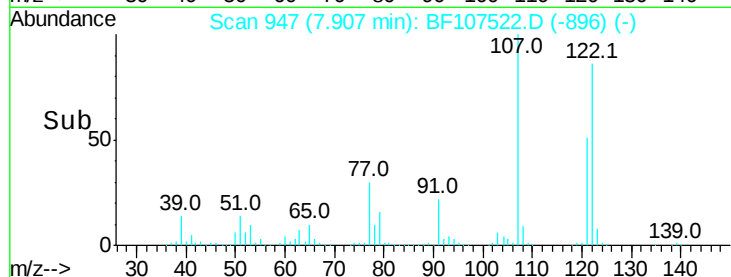
#27
2,4-Dimethylphenol
Concen: 35.935 ng
RT: 7.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 750334
Ion Ratio Lower Upper
122 100
107 117.1 91.2 136.8
121 59.8 47.2 70.8

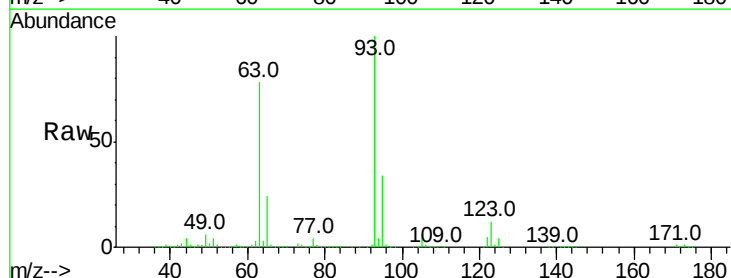


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

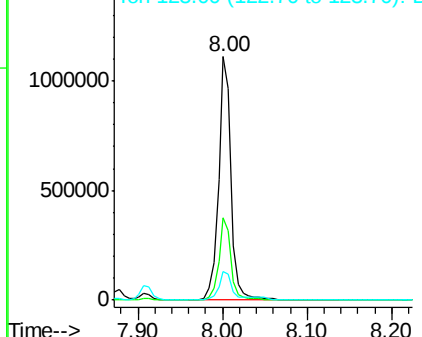
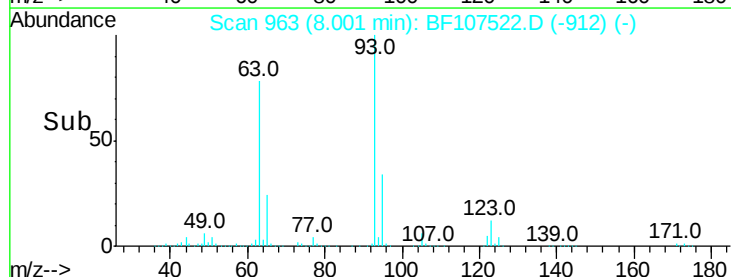


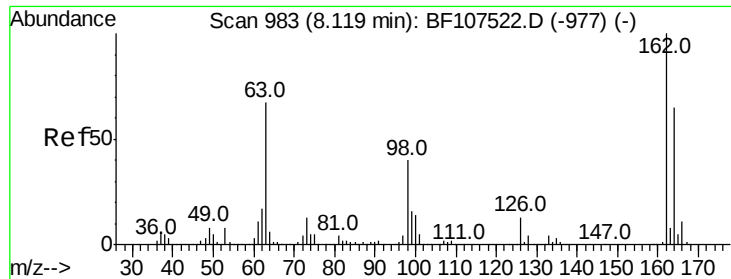
#28
bis(2-Chloroethoxy)methane
Concen: 35.613 ng
RT: 8.00 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion: 93 Resp: 1158742
Ion Ratio Lower Upper
93 100
95 33.8 26.3 39.5
123 11.6 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

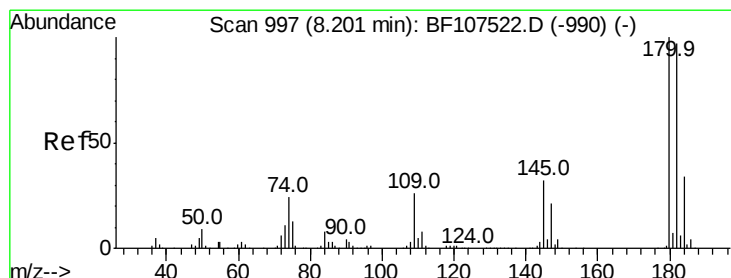
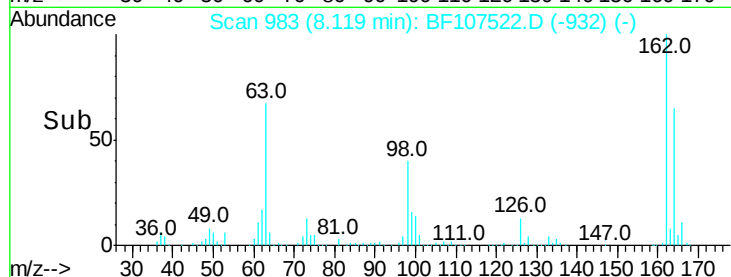
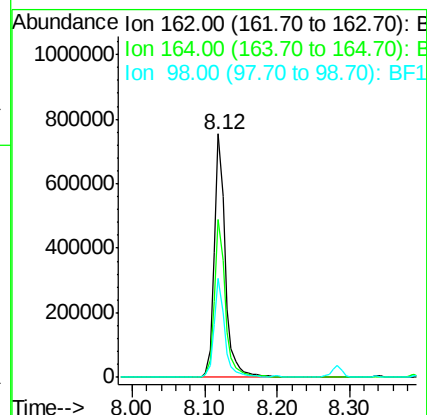
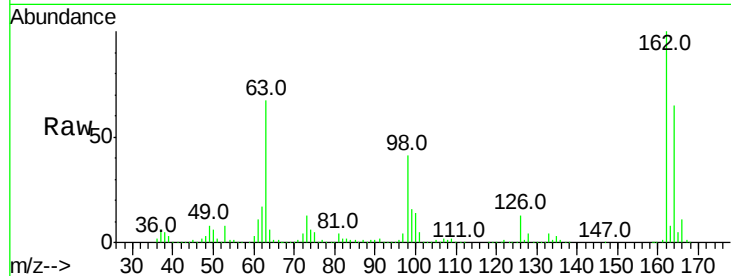




#29
 2,4-Dichlorophenol
 Concen: 36.764 ng
 RT: 8.12 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

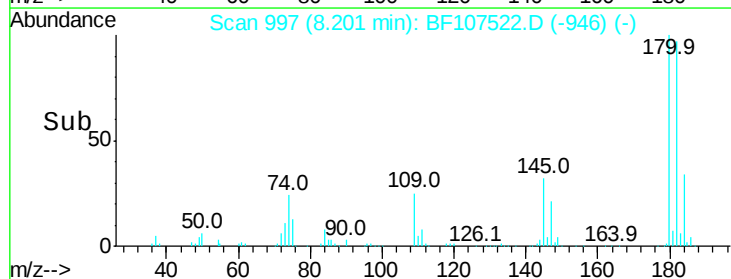
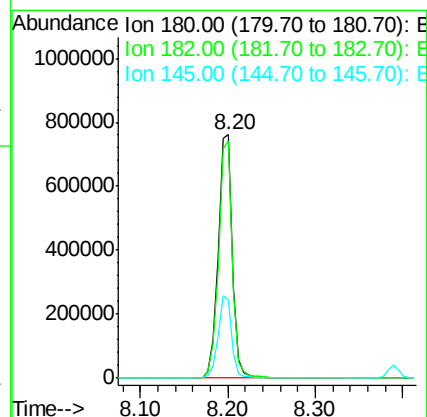
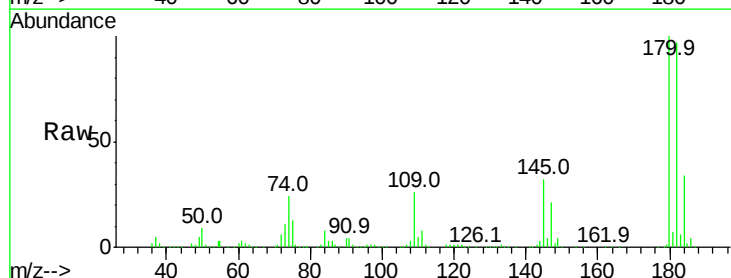
Instrument :
 BNA_F
 ClientSampled :

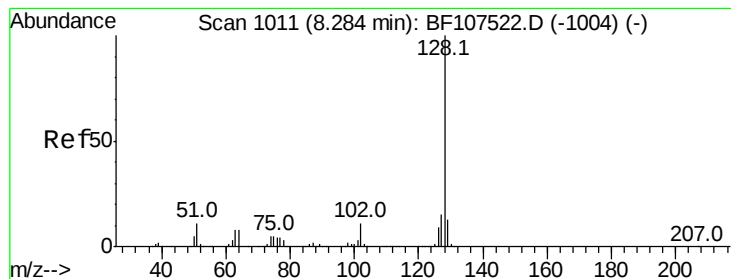
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	40.5	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.461 ng
 RT: 8.20 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.8	115.2
145	32.1	26.5	39.7





#31

Naphthalene

Concen: 34.638 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Instrument :

BNA_F

ClientSampleId :

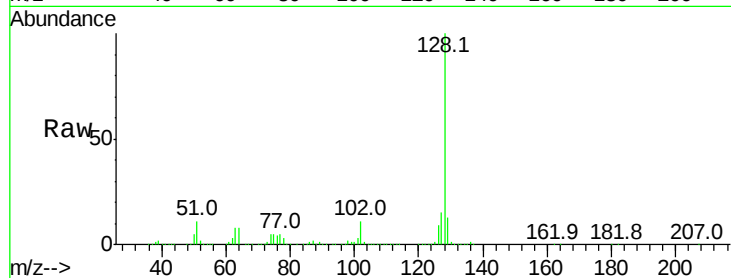
Tot Ion:128 Resp: 2351626

Ion Ratio Lower Upper

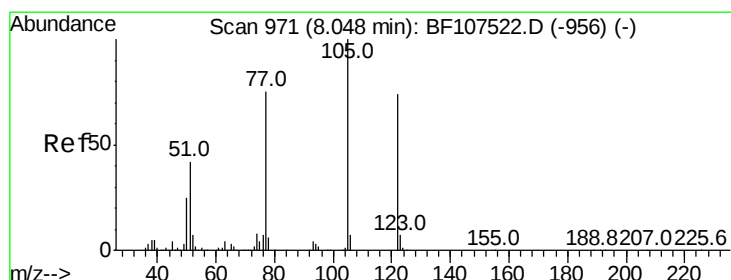
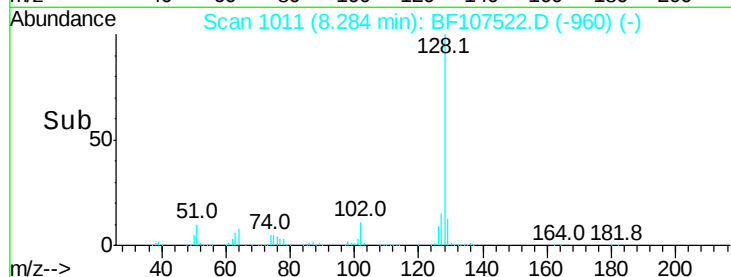
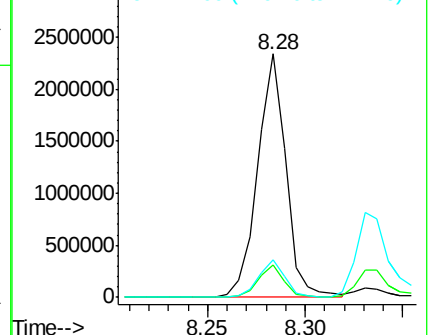
128 100

129 13.1 8.8 13.2

127 15.4 10.9 16.3



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



#32

Benzoic acid

Concen: 37.519 ng

RT: 8.05 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

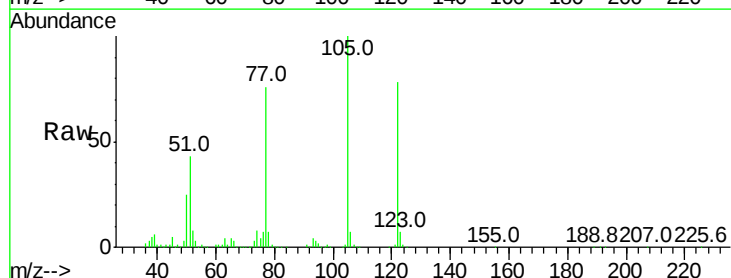
Tgt Ion:122 Resp: 480793

Ion Ratio Lower Upper

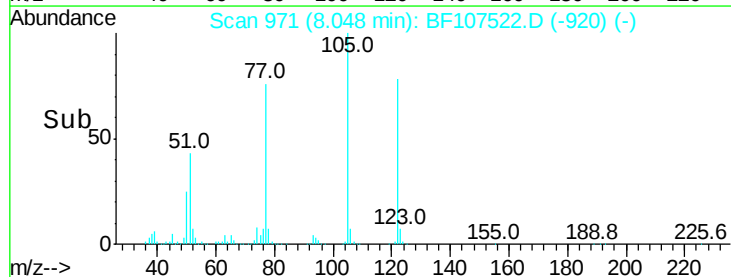
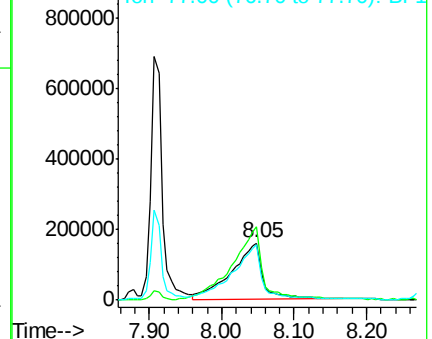
122 100

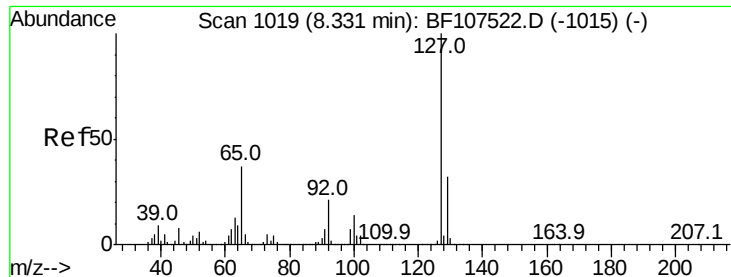
105 128.8 101.1 141.1

77 97.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

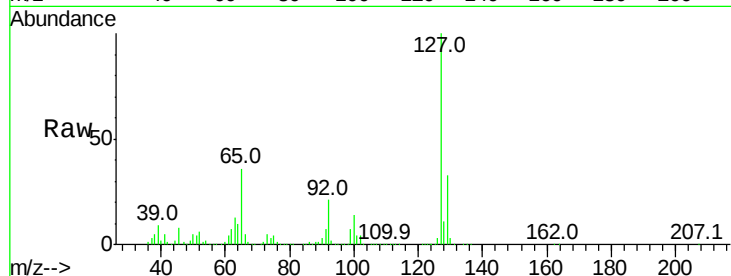




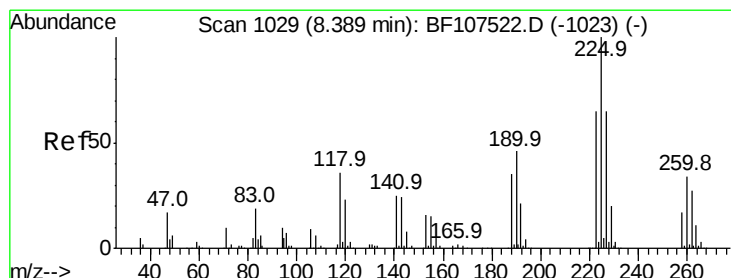
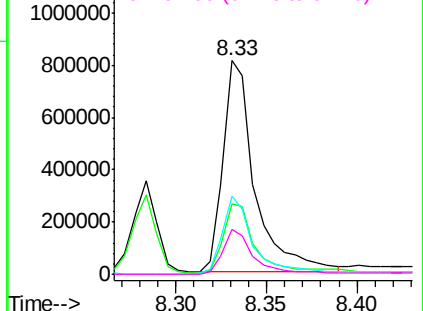
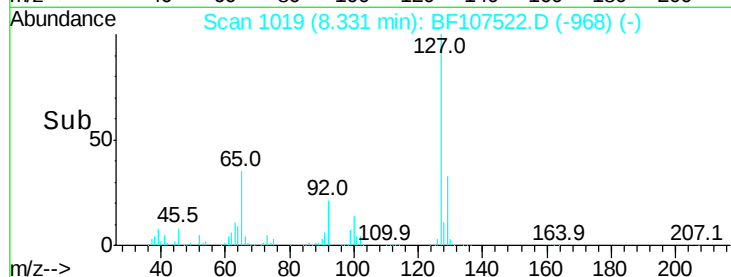
#33
4-Chloroaniline
Concen: 33.979 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 999063
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 36.4 25.0 37.4
92 21.1 15.2 22.8

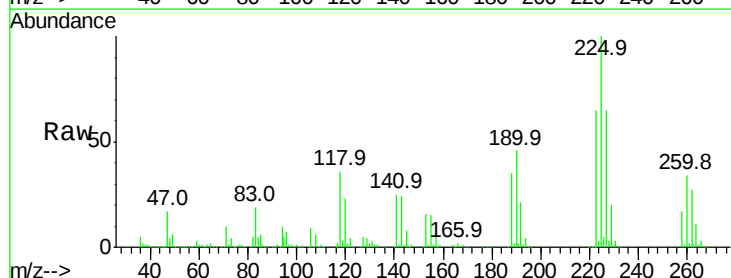


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

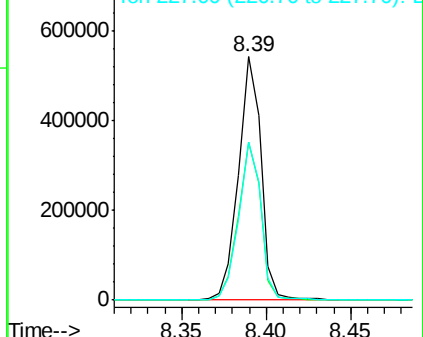
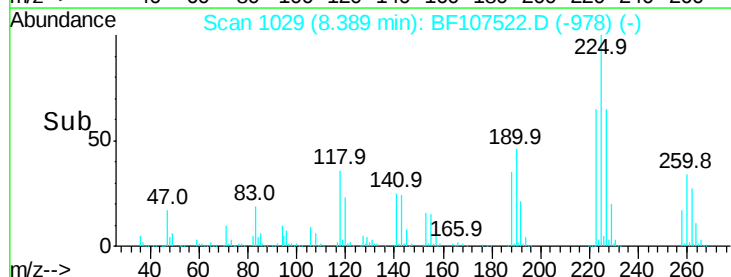


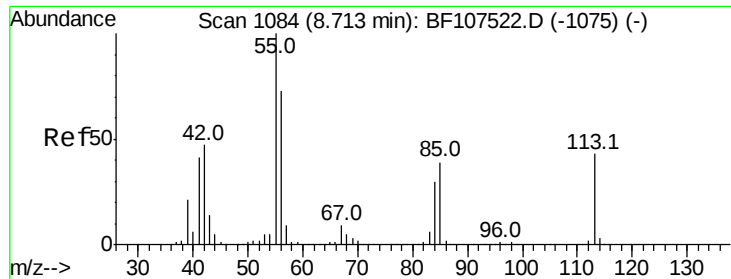
#34
Hexachlorobutadiene
Concen: 28.814 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:225 Resp: 507304
Ion Ratio Lower Upper
225 100
223 64.9 50.6 76.0
227 65.0 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: 36.650 ng

RT: 8.71 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Instrument :

BNA_F

ClientSampleId :

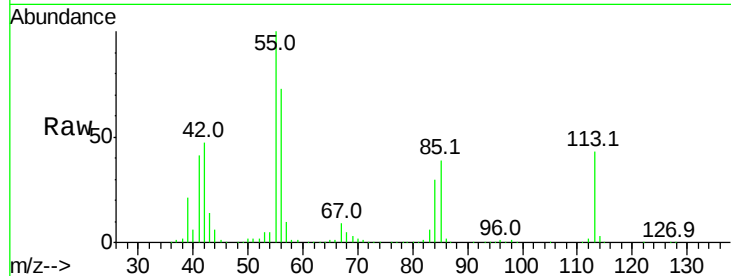
Tot Ion:113 Resp: 259045

Ion Ratio Lower Upper

113 100

55 233.3 163.3 203.3#

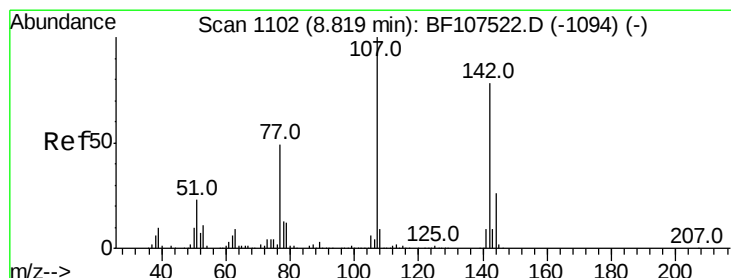
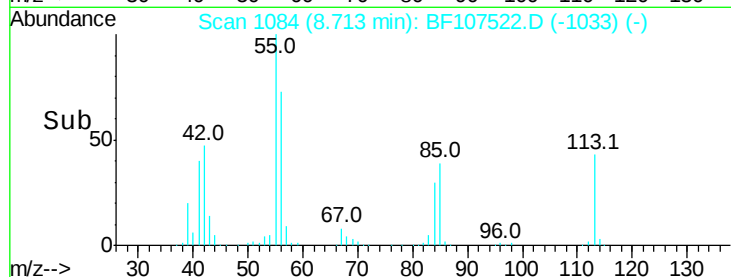
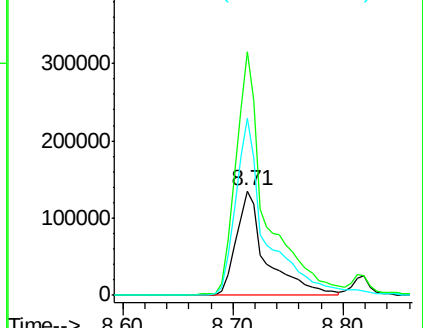
56 169.8 115.7 155.7#



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: 30.487 ng

RT: 8.82 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

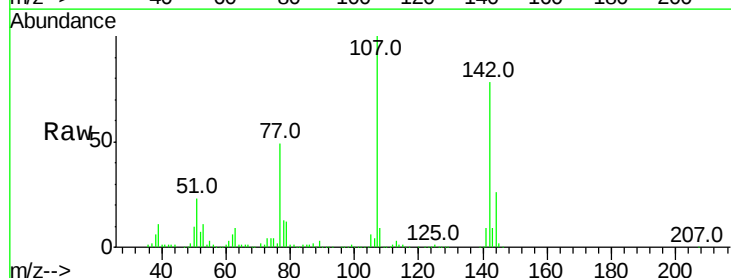
Tgt Ion:107 Resp: 865556

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

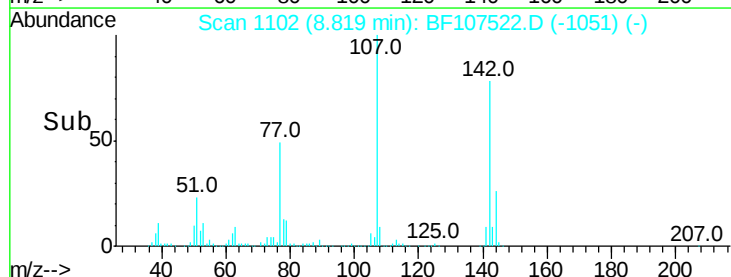
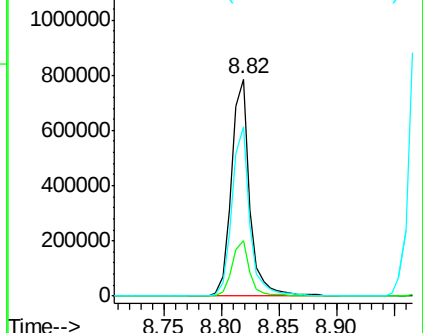
142 78.4 62.0 93.0

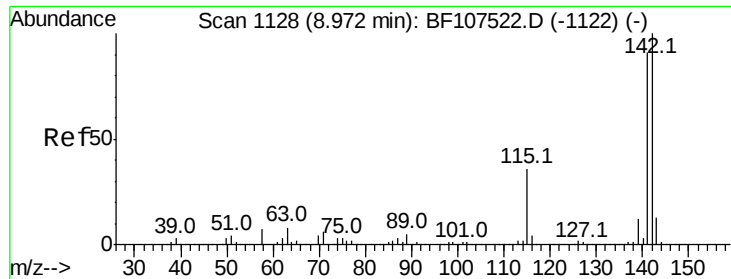


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

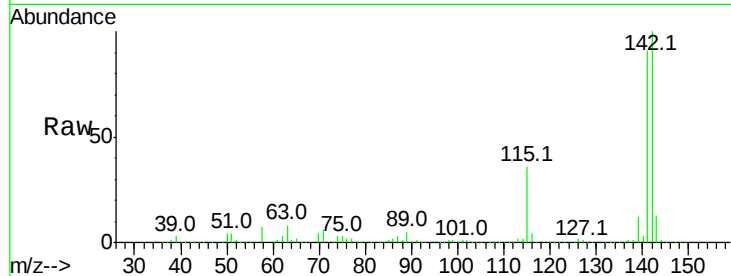




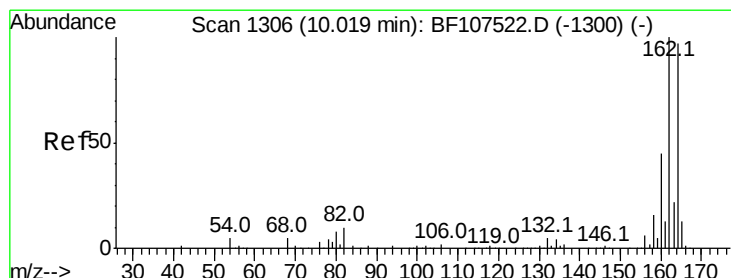
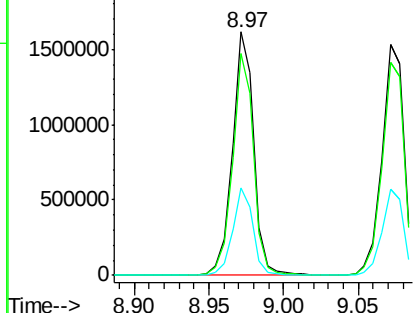
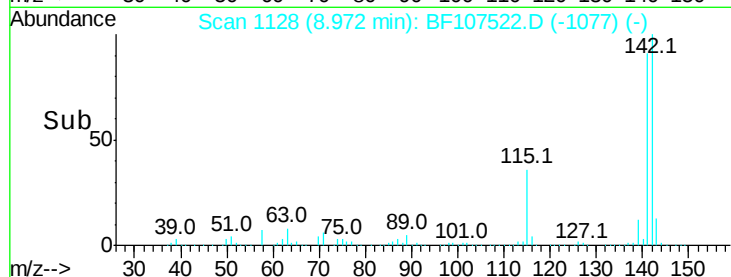
#37
 2-Methylnaphthalene
 Concen: 36.282 ng
 RT: 8.97 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1623628
 Ion Ratio Lower Upper
 142 100
 141 90.9 70.8 106.2
 115 36.1 26.1 39.1

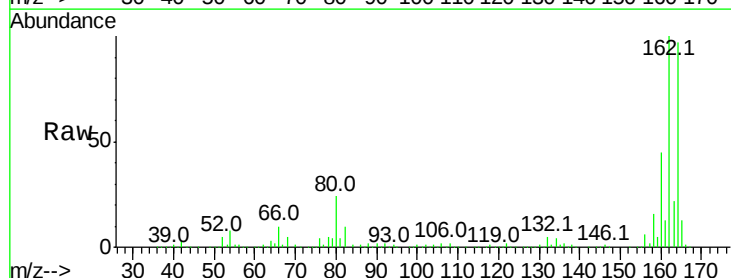


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

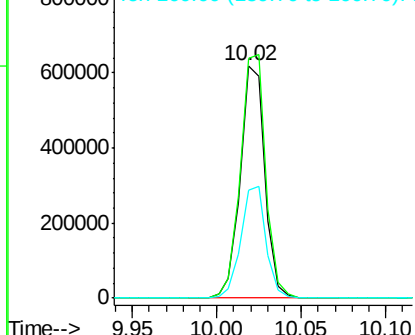
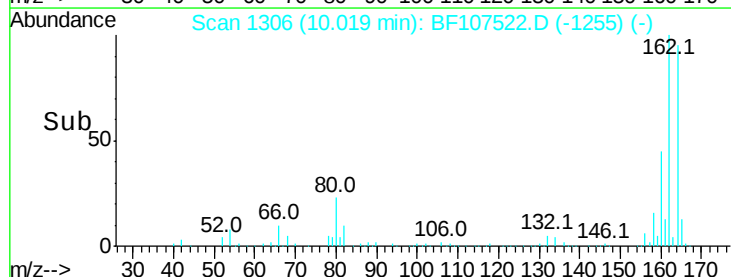


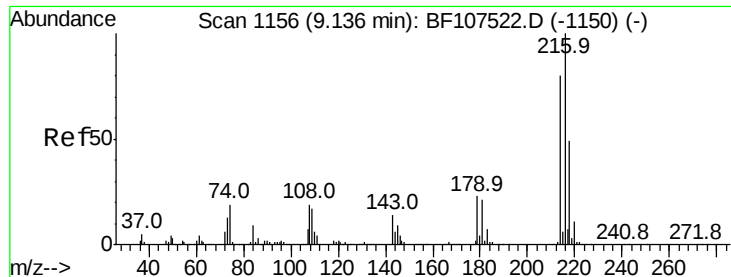
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Tgt Ion:164 Resp: 630522
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 46.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

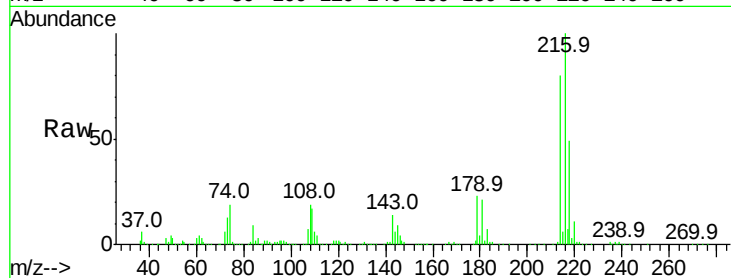




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.502 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	21.9	18.1	27.1
108	20.7	17.2	25.8

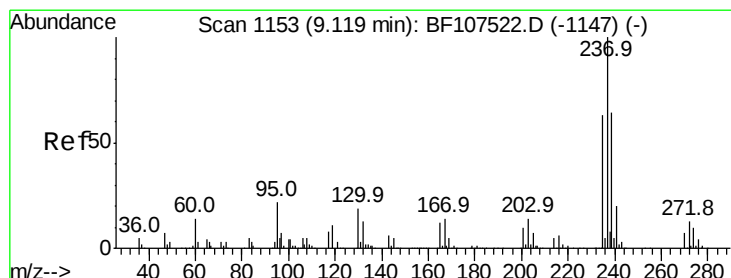
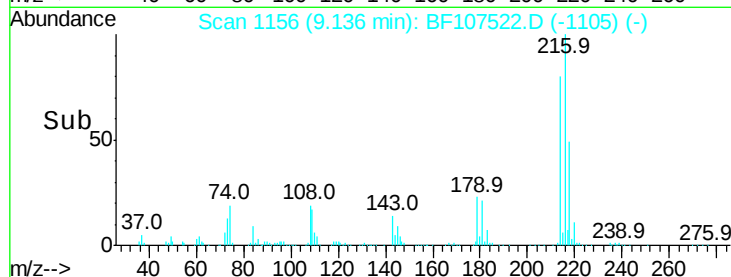
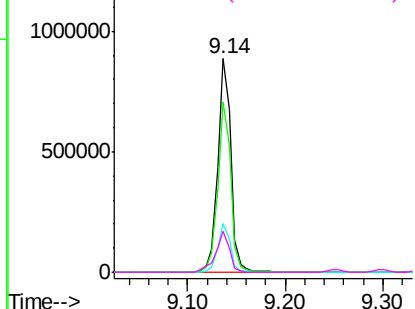


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

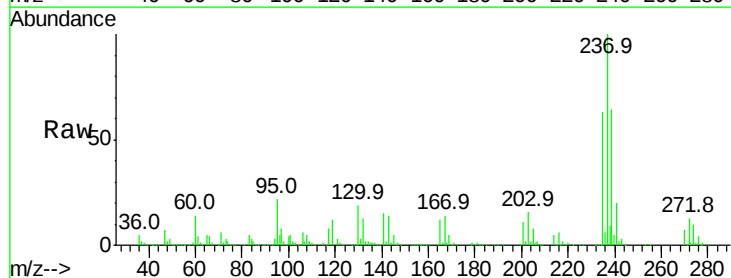
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 34.987 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

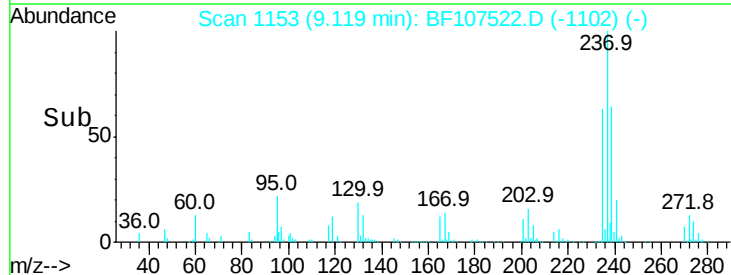
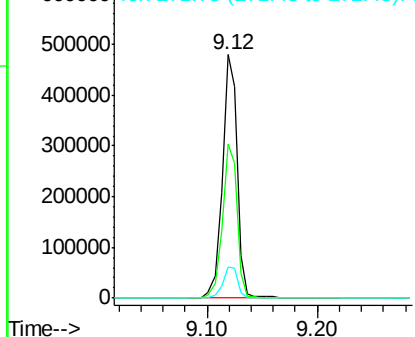
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.8	84.8
272	12.5	0.0	33.3

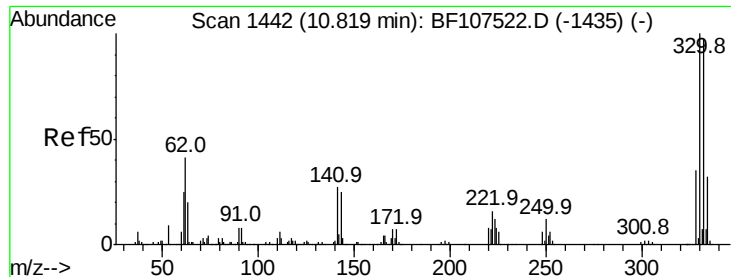


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

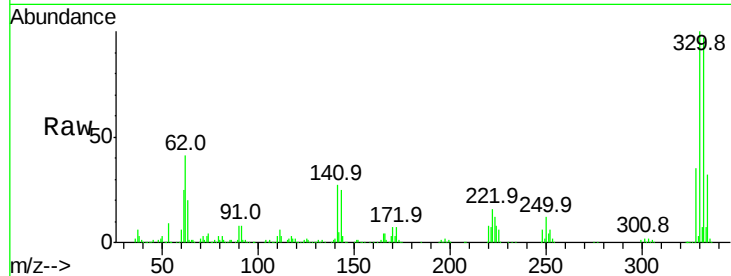




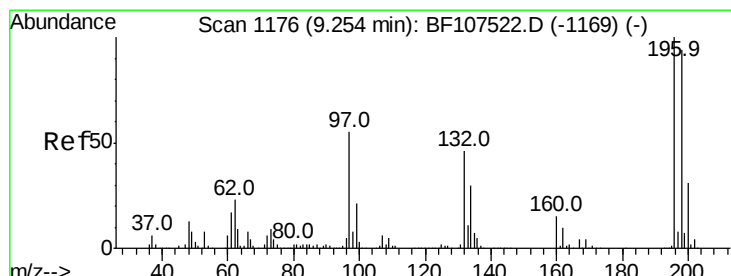
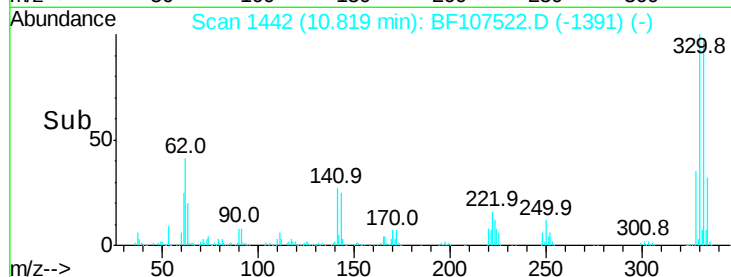
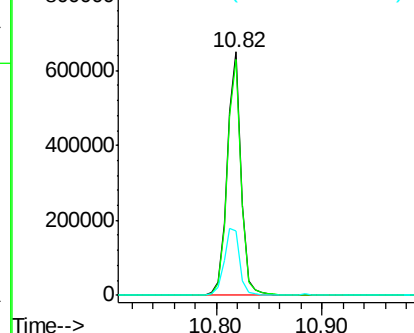
#41
 2,4,6-Tribromophenol
 Concen: 107.876 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	31.1	29.9	44.9

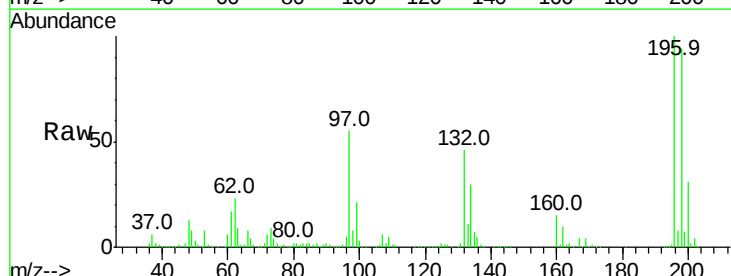


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

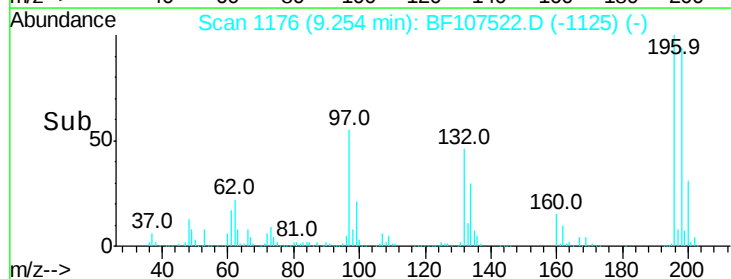
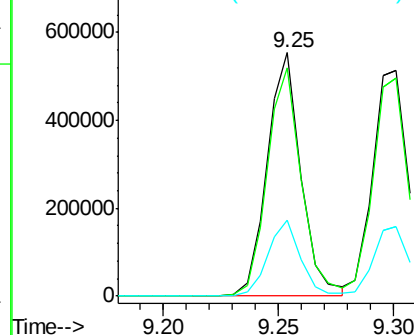


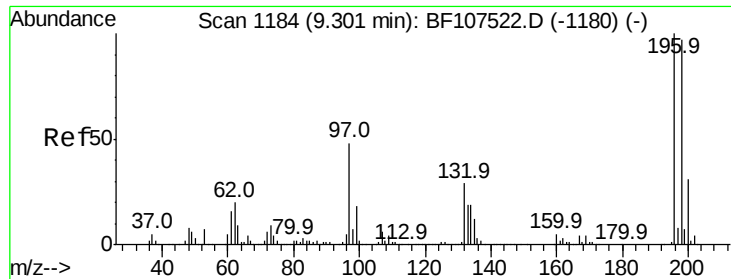
#42
 2,4,6-Trichlorophenol
 Concen: 36.782 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.7	113.5
200	31.0	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

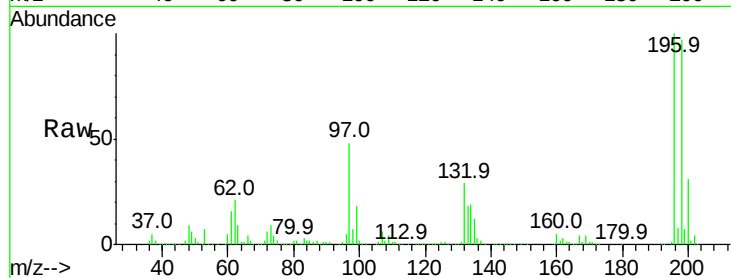




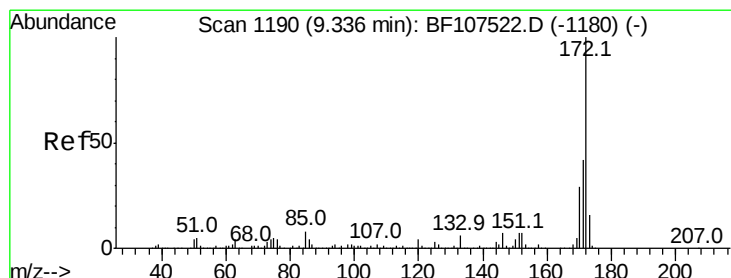
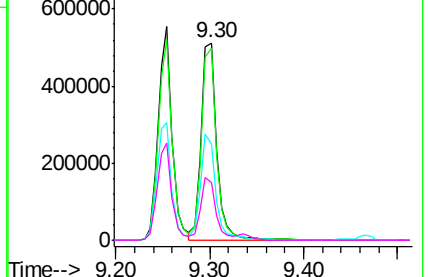
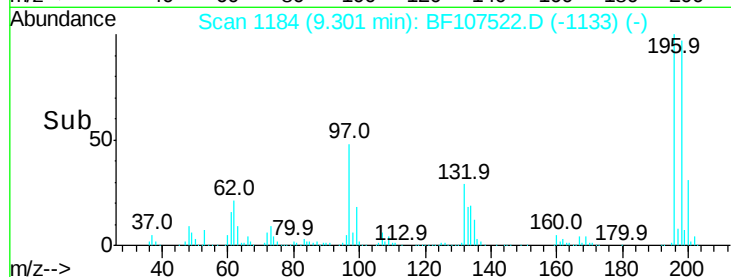
#43
 2,4,5-Trichlorophenol
 Concen: 40.183 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 588772
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.6 112.0
 97 48.3 42.9 64.3
 132 29.3 26.3 39.5

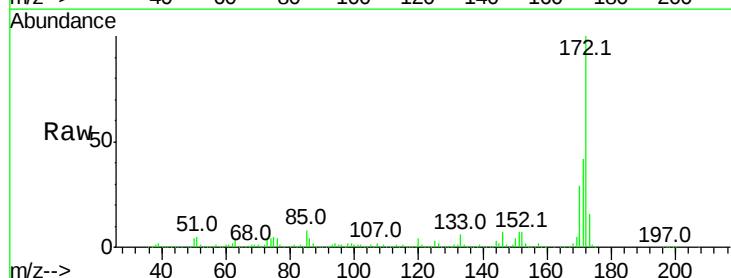


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

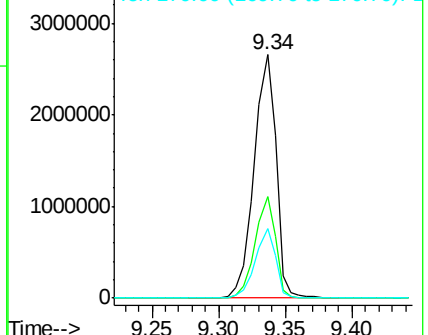
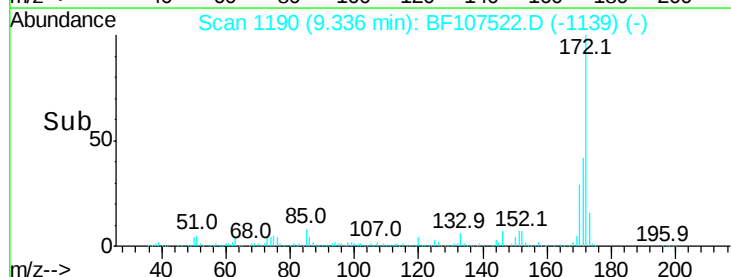


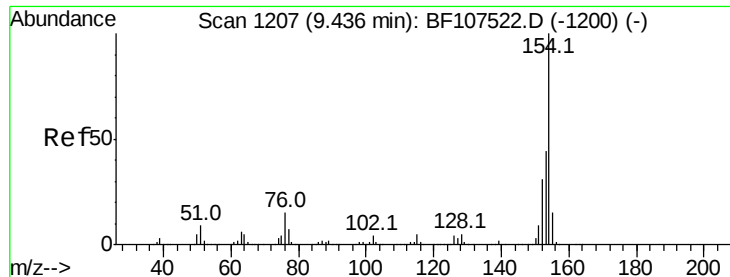
#44
 2-Fluorobiphenyl
 Concen: 68.357 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Tgt Ion:172 Resp: 2999376
 Ion Ratio Lower Upper
 172 100
 171 41.7 29.7 44.5
 170 28.6 19.6 29.4



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



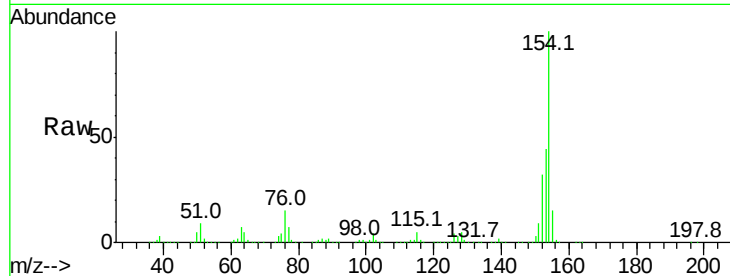


#45
 1,1'-Biphenyl
 Concen: 38.472 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

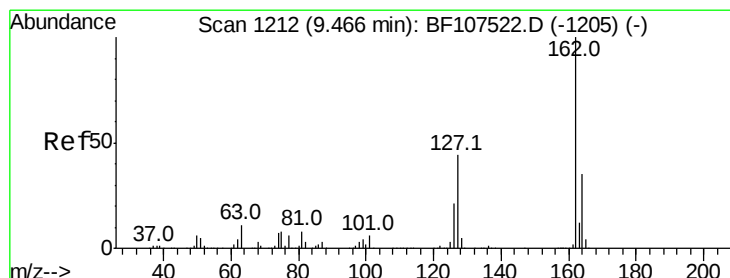
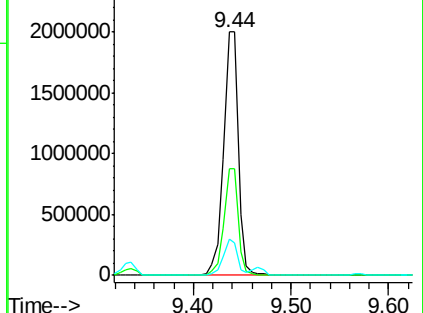
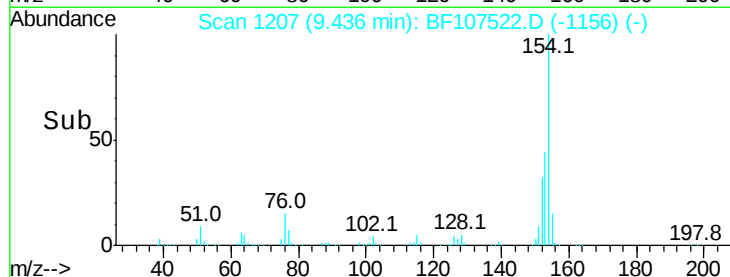
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 2097325

Ion	Ratio	Lower	Upper
154	100		
153	43.8	21.3	61.3
76	15.1	0.0	34.0



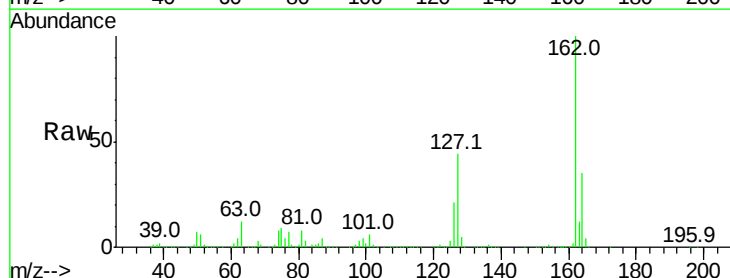
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



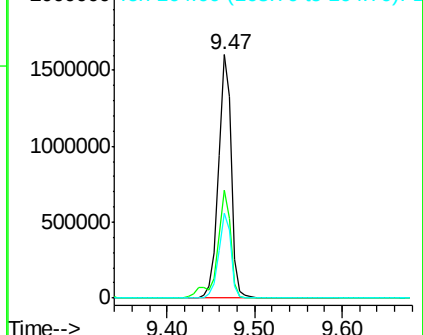
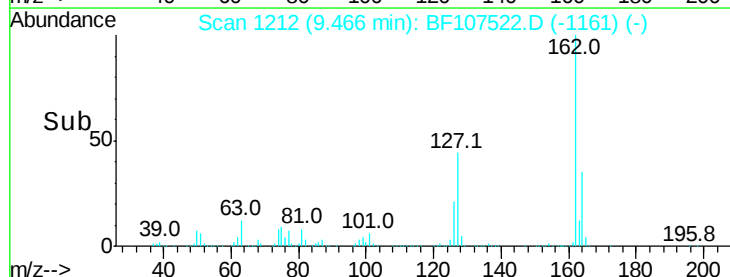
#46
 2-Chloronaphthalene
 Concen: 37.728 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

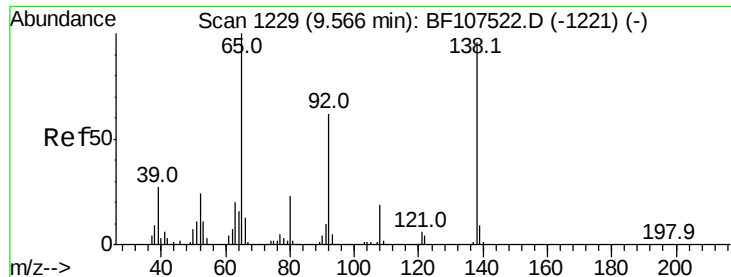
Tgt Ion:162 Resp: 1624470

Ion	Ratio	Lower	Upper
162	100		
127	44.1	33.9	50.9
164	35.1	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: 39.606 ng

RT: 9.57 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Instrument :

BNA_F

ClientSampleId :

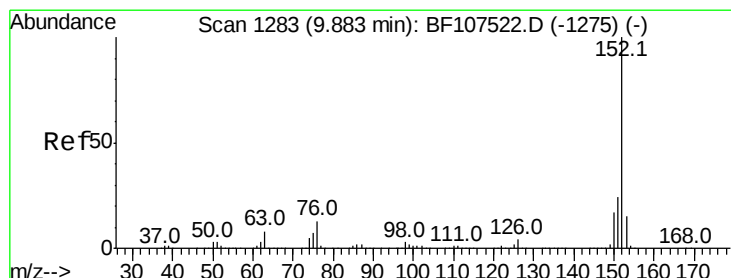
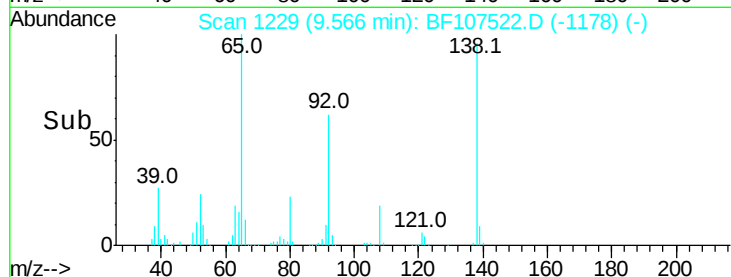
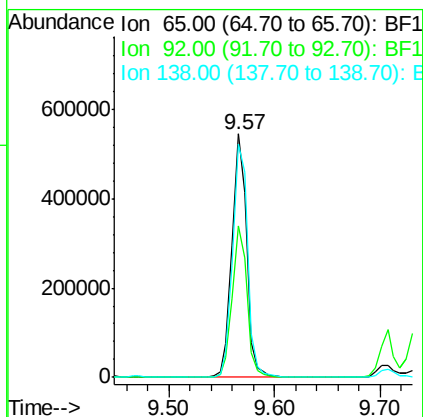
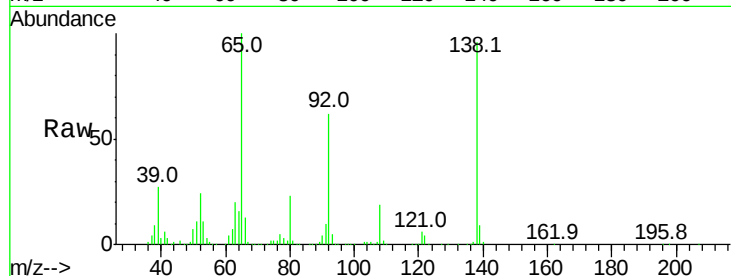
Tot Ion: 65 Resp: 521861

Ion Ratio Lower Upper

65 100

92 62.3 55.8 83.6

138 95.8 91.2 136.8



#48

Acenaphthylene

Concen: 40.239 ng

RT: 9.88 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

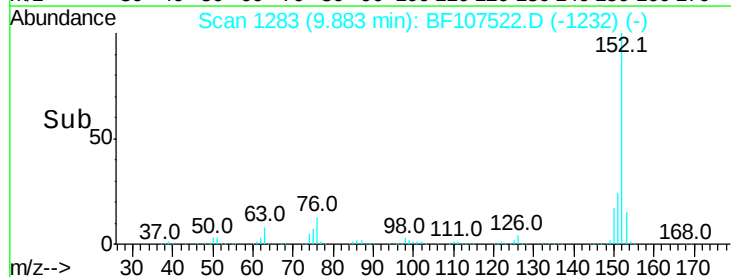
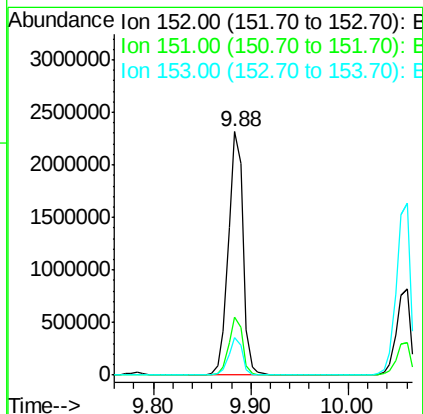
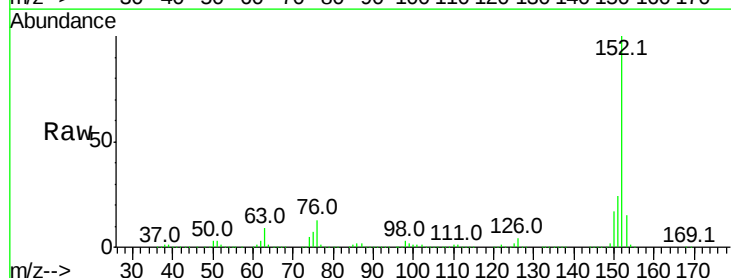
Tgt Ion: 152 Resp: 2417871

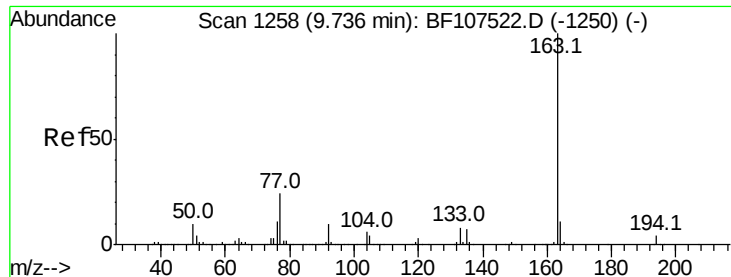
Ion Ratio Lower Upper

152 100

151 23.6 16.3 24.5

153 15.2 10.7 16.1

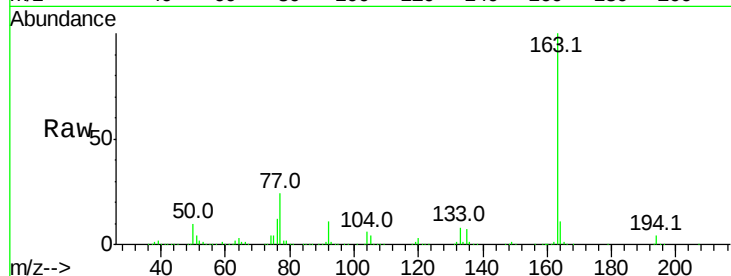




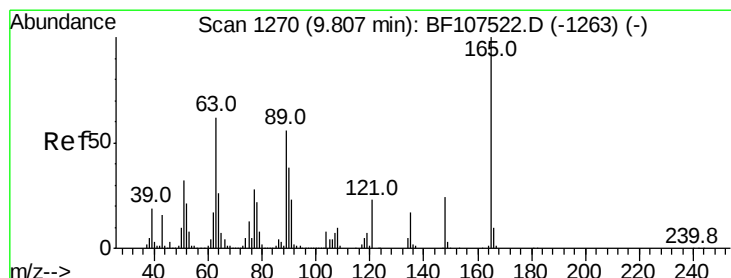
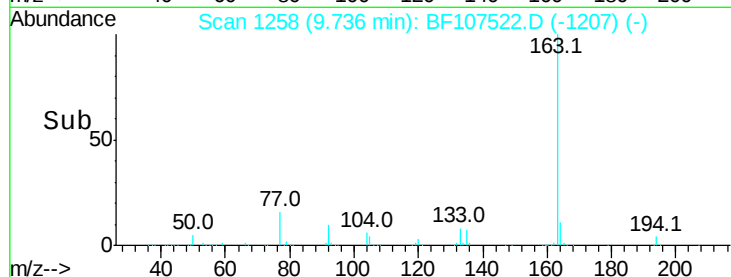
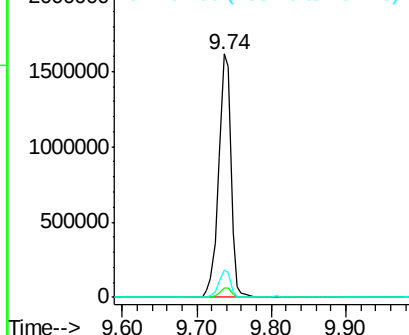
#49
Dimethylphthalate
Concen: 36.558 ng
RT: 9.74 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1831433
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.3 8.2 12.2

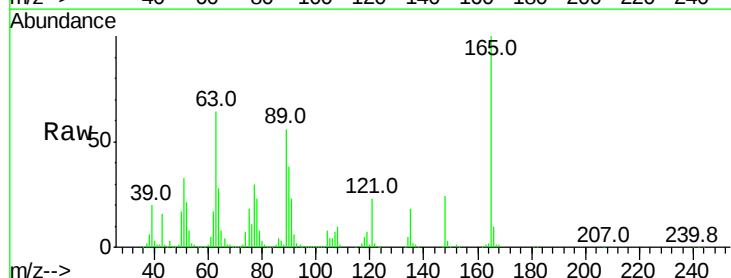


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

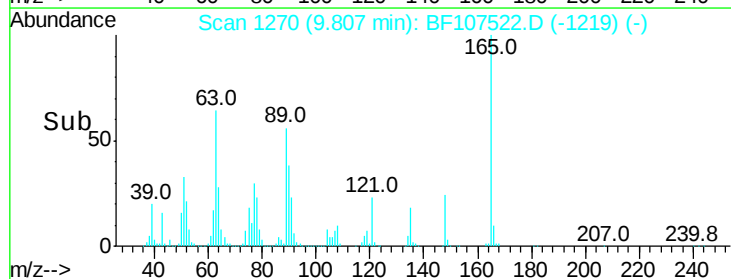
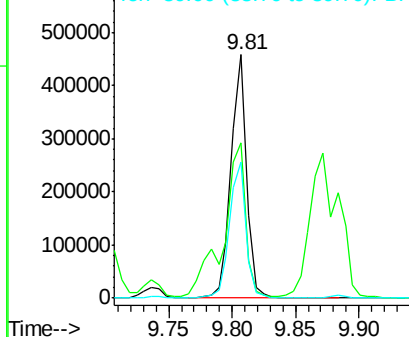


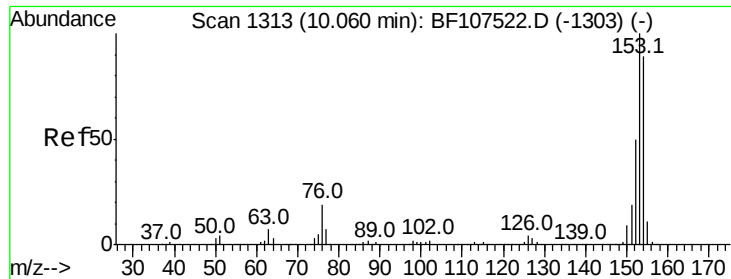
#50
2,6-Dinitrotoluene
Concen: 40.755 ng
RT: 9.81 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:165 Resp: 389603
Ion Ratio Lower Upper
165 100
63 64.0 44.7 67.1
89 55.9 44.0 66.0



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





#51

Acenaphthene

Concen: 39.133 ng

RT: 10.06 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

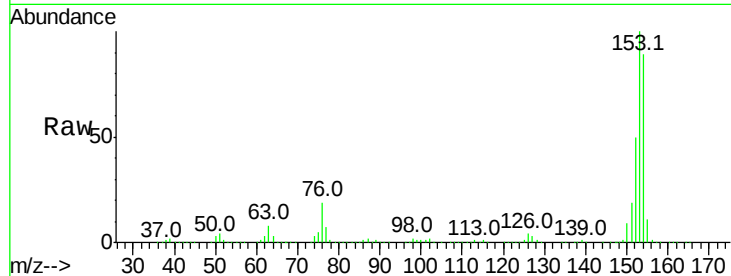
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1558816

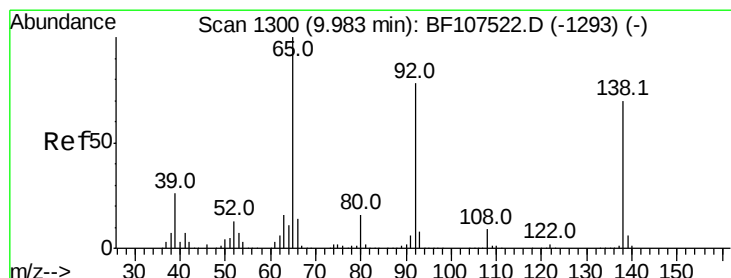
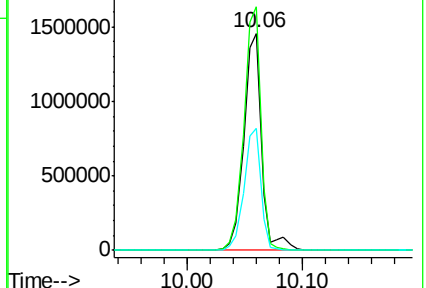
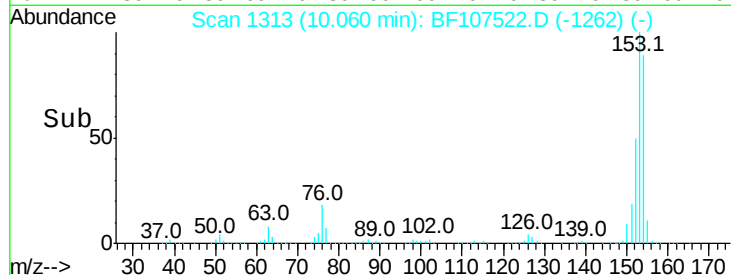
Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.2	136.8
152	56.4	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.064 ng

RT: 9.98 min Scan# 1300

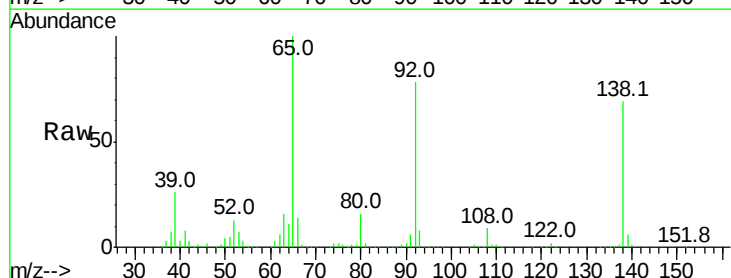
Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Tgt Ion:138 Resp: 472568

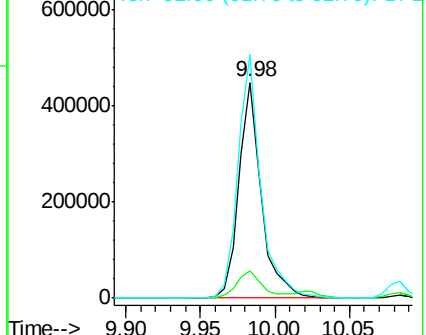
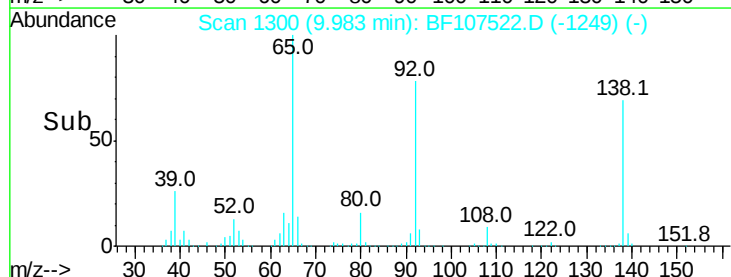
Ion	Ratio	Lower	Upper
138	100		
108	12.8	9.4	14.0
92	112.9	89.4	134.2

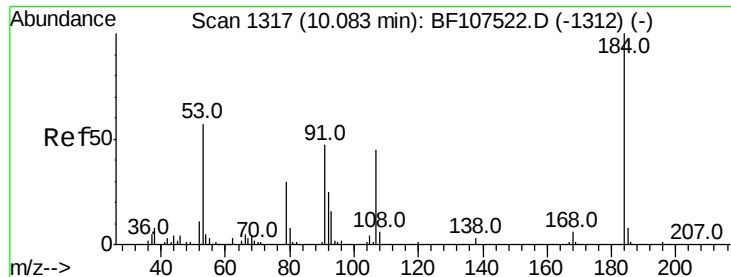


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

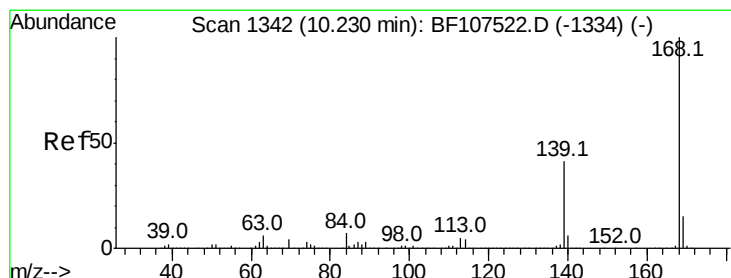
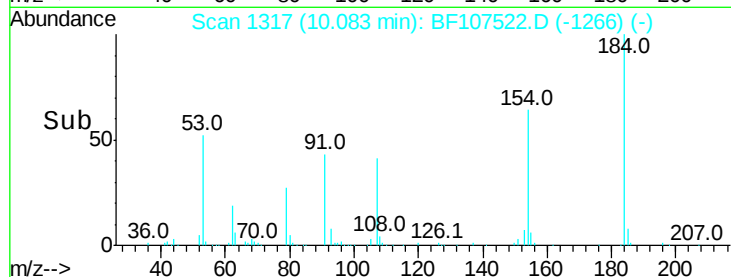
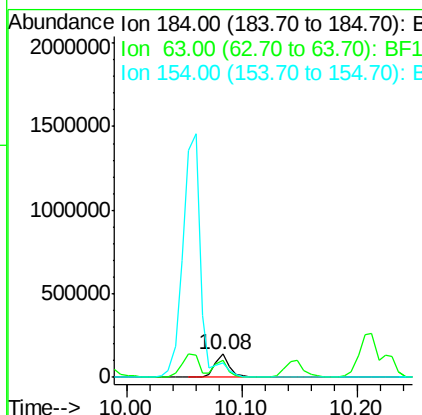
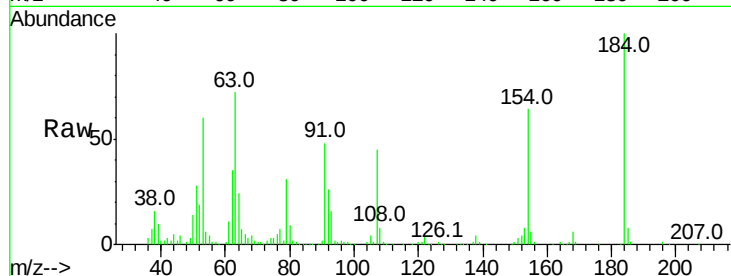




#53
 2,4-Dinitrophenol
 Concen: 36.863 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

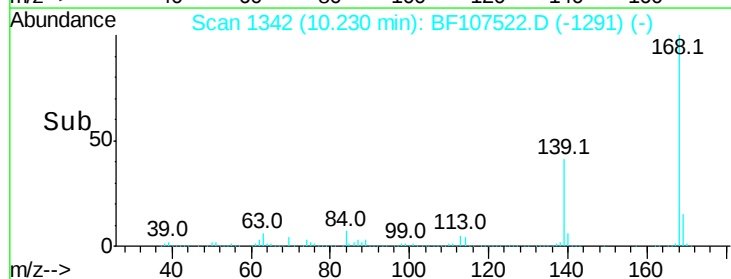
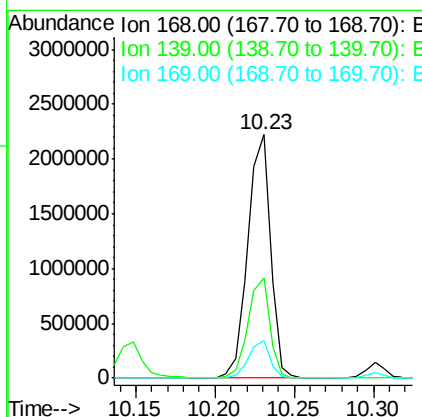
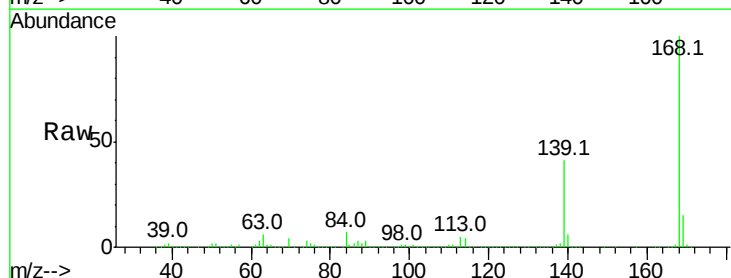
Instrument :
 BNA_F
 ClientSampleId :

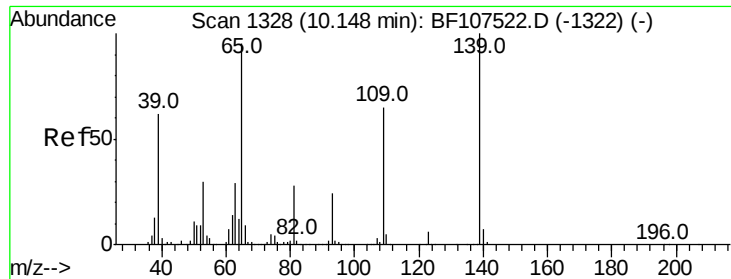
Tot Ion:184 Resp: 124153
 Ion Ratio Lower Upper
 184 100
 63 72.1 54.2 81.2
 154 64.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 35.899 ng
 RT: 10.23 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Tgt Ion:168 Resp: 2209754
 Ion Ratio Lower Upper
 168 100
 139 41.2 30.1 45.1
 169 15.2 10.9 16.3

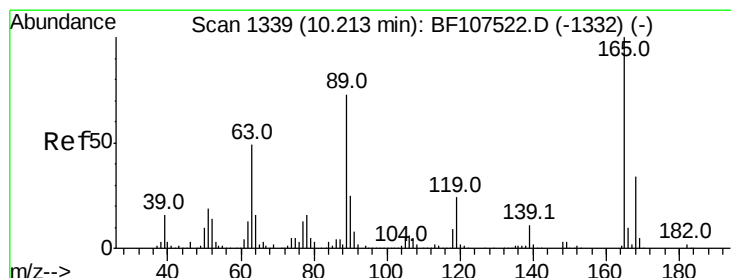
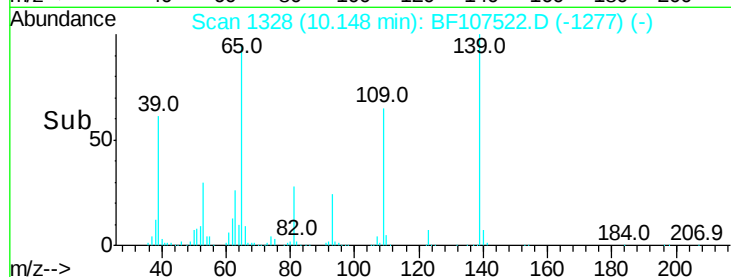
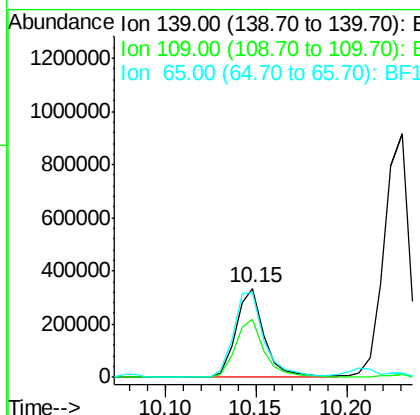
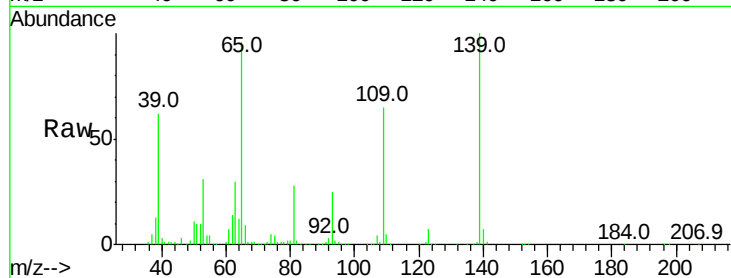




#55
4-Nitrophenol
Concen: 44.907 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

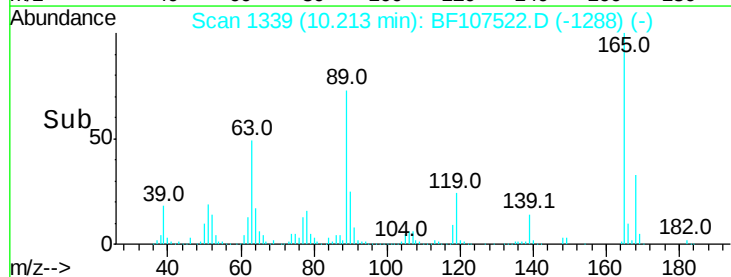
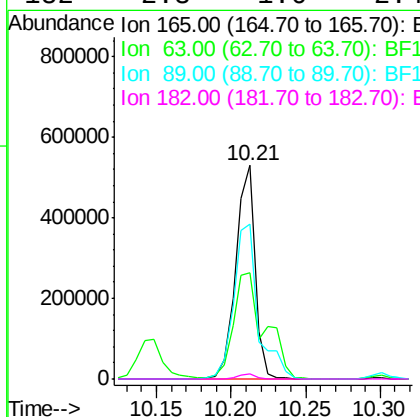
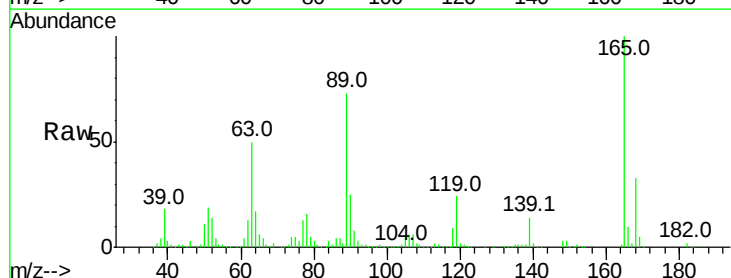
Instrument :
BNA_F
ClientSampleId :

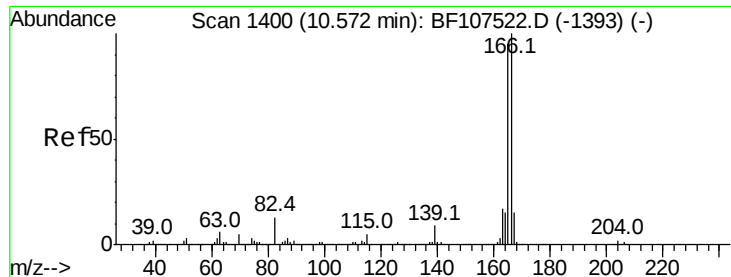
Tot Ion:139 Resp: 364872
Ion Ratio Lower Upper
139 100
109 65.1 48.4 88.4
65 95.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.937 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:165 Resp: 485167
Ion Ratio Lower Upper
165 100
63 49.7 36.4 54.6
89 72.6 57.8 86.6
182 2.3 1.6 2.4

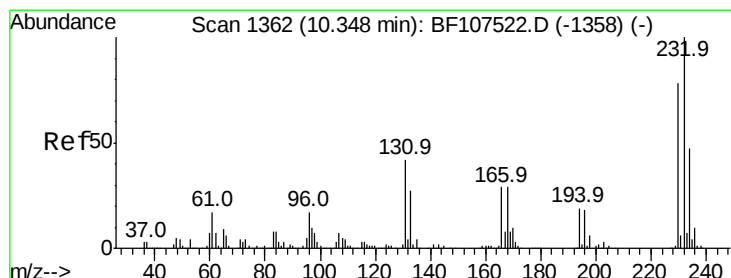
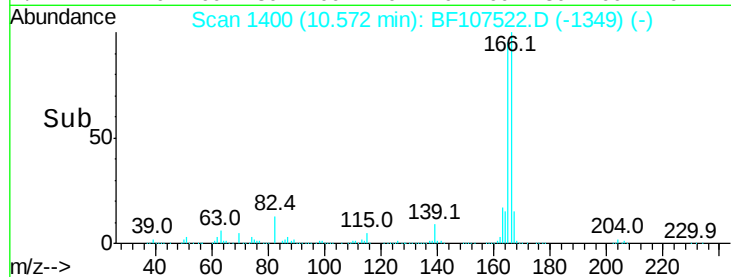
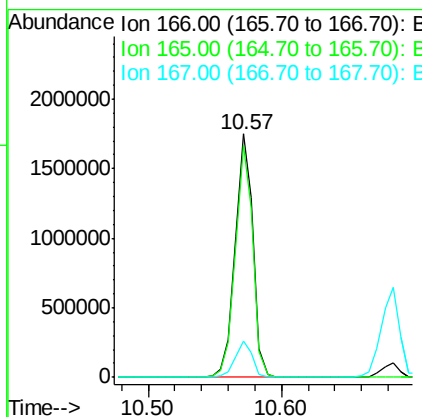
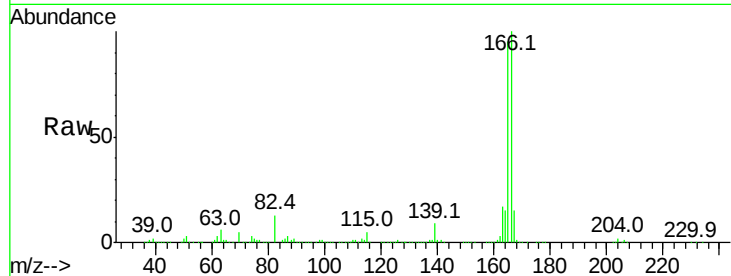




#57
 Fluorene
 Concen: 40.180 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

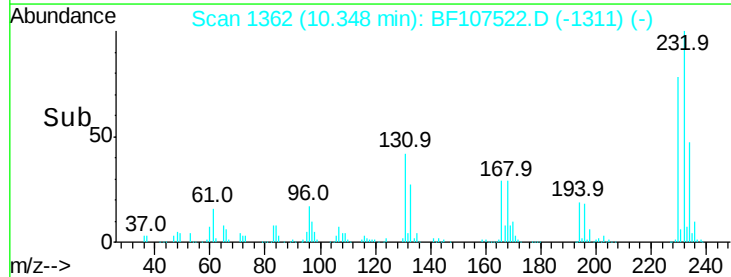
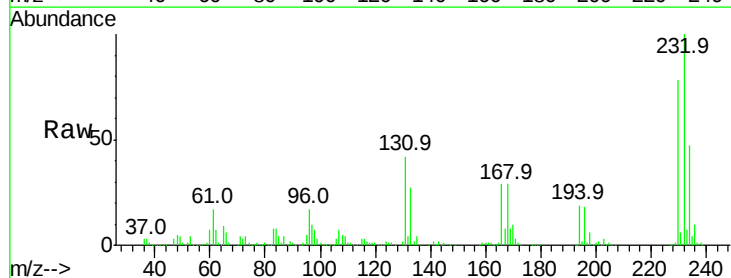
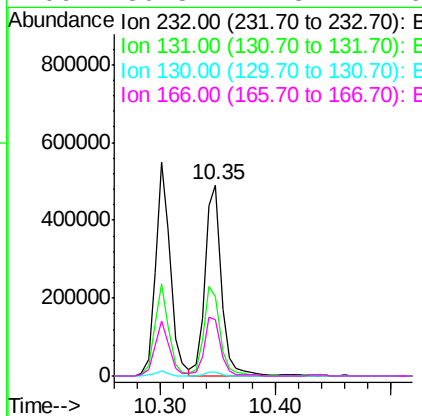
Instrument :
 BNA_F
 ClientSampleId :

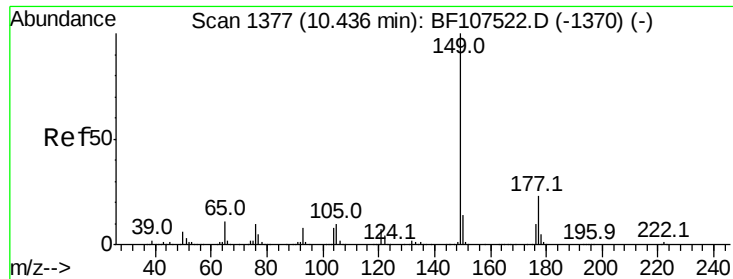
Tot Ion:166 Resp: 1638050
 Ion Ratio Lower Upper
 166 100
 165 95.3 79.8 119.8
 167 15.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.330 ng
 RT: 10.35 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Tgt Ion:232 Resp: 487254
 Ion Ratio Lower Upper
 232 100
 131 46.3 43.8 65.8
 130 2.1 2.1 3.1
 166 30.8 27.8 41.6

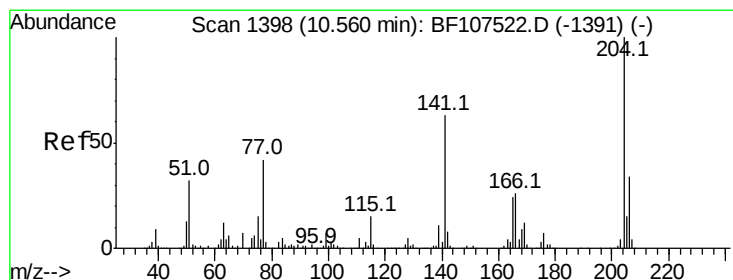
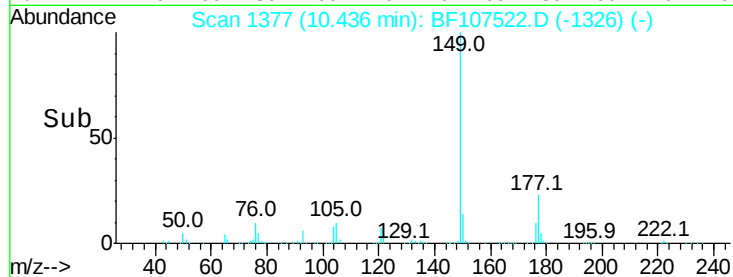
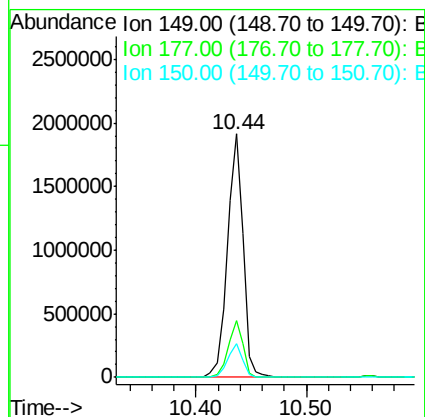
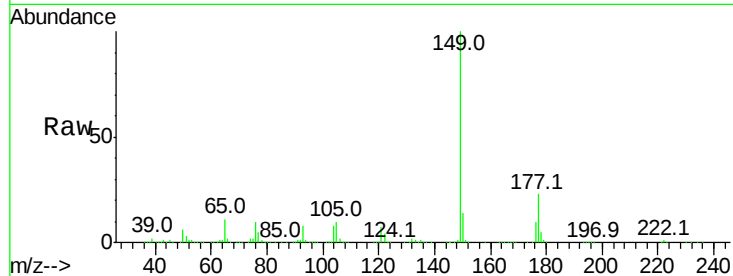




#59
Diethylphthalate
Concen: 39.136 ng
RT: 10.44 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

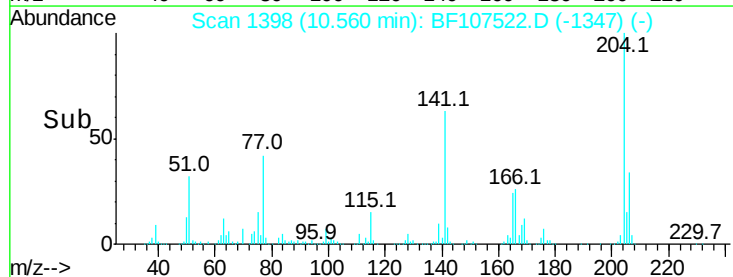
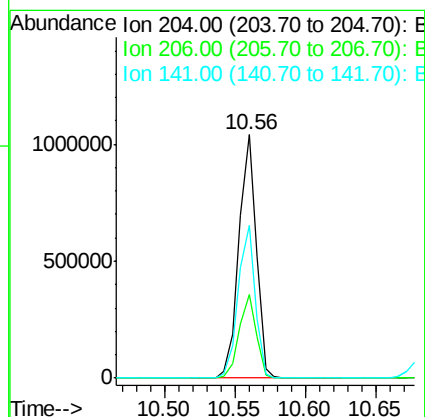
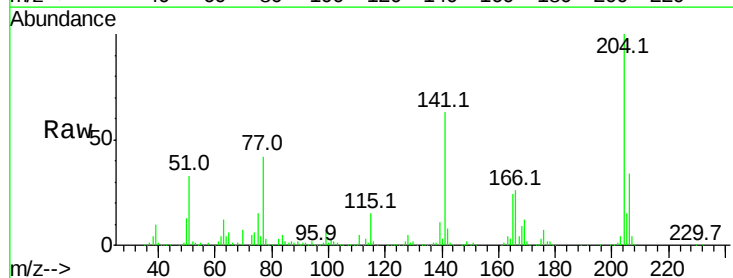
Instrument :
BNA_F
ClientSampled :

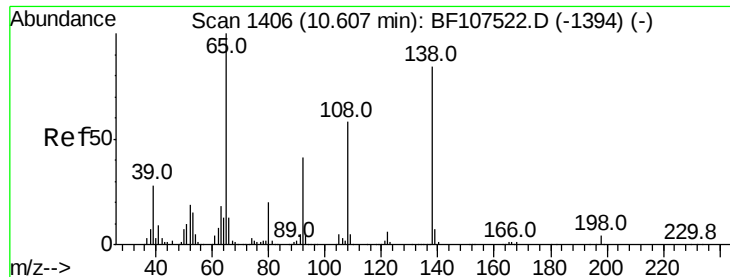
Tot Ion:149 Resp: 1904730
Ion Ratio Lower Upper
149 100
177 23.2 16.1 24.1
150 13.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.787 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:204 Resp: 893312
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 62.8 54.6 81.8

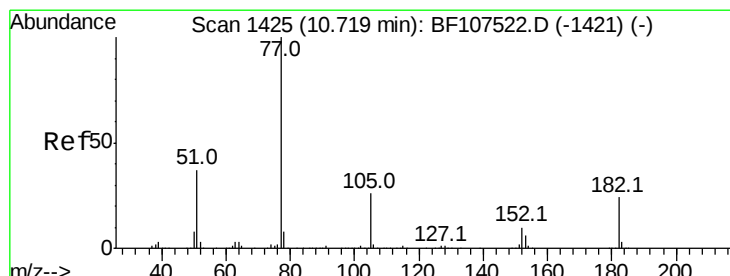
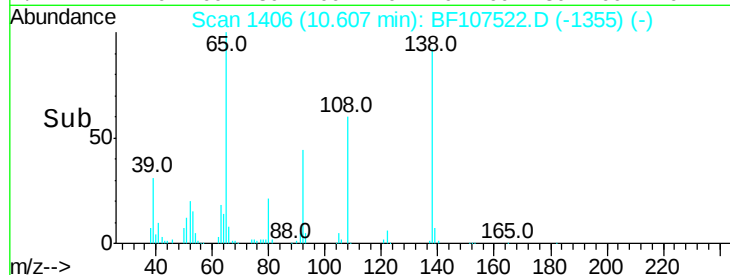
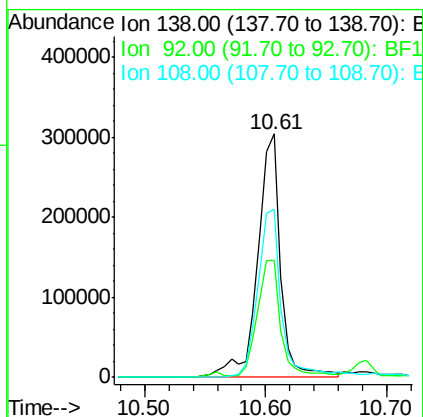
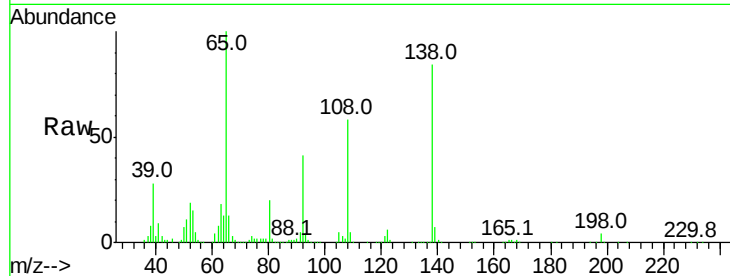




#61
4-Nitroaniline
Concen: 42.823 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

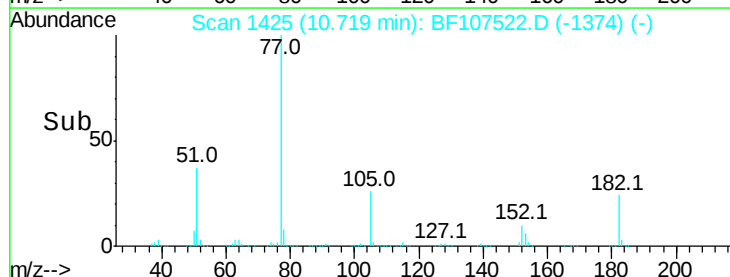
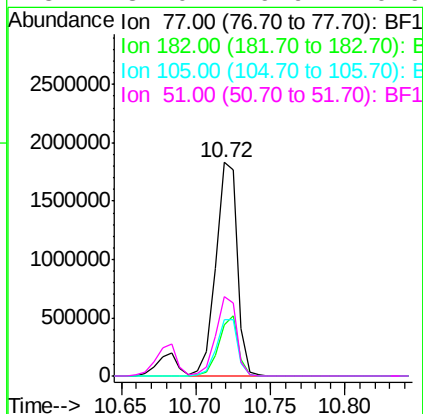
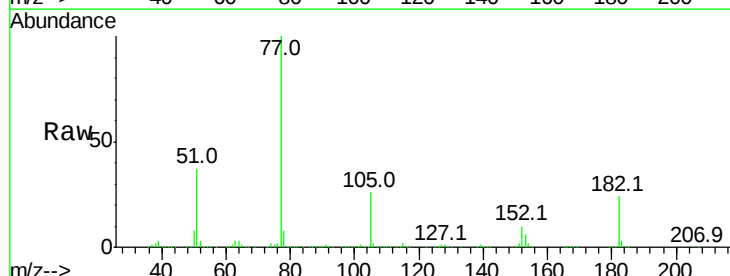
Instrument :
BNA_F
ClientSampleId :

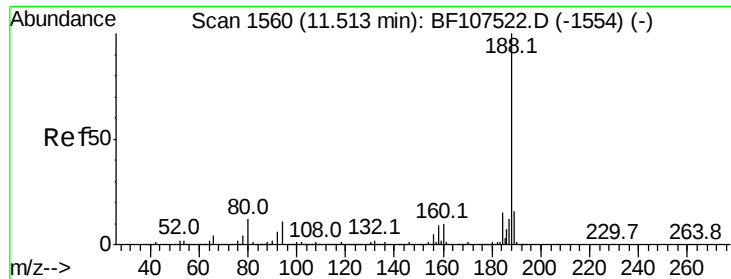
Tot Ion:138 Resp: 409207
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 69.1 52.5 92.5



#62
Azobenzene
Concen: 32.283 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion: 77 Resp: 1845096
Ion Ratio Lower Upper
77 100
182 24.1 1.7 41.7
105 26.1 3.0 43.0
51 37.0 9.9 49.9

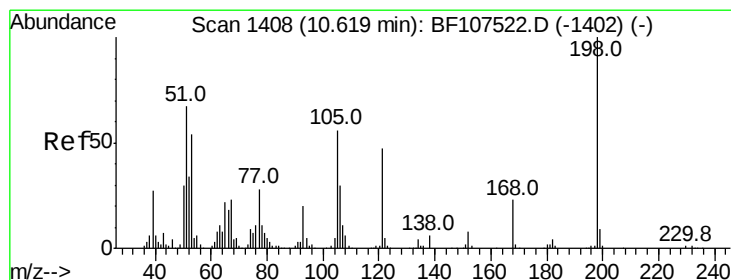
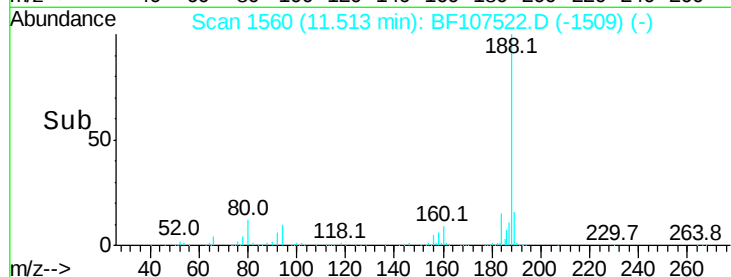
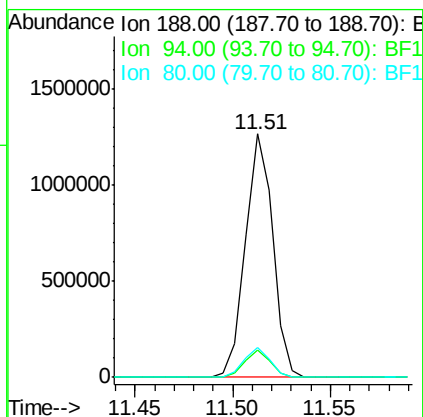
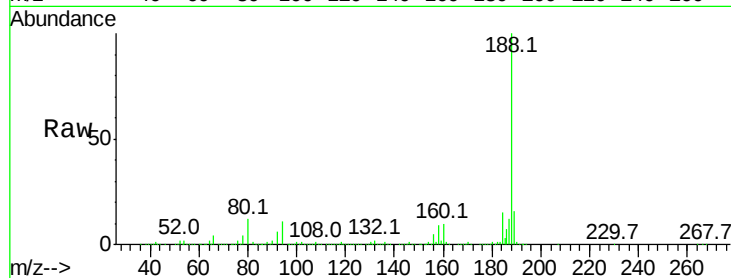




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

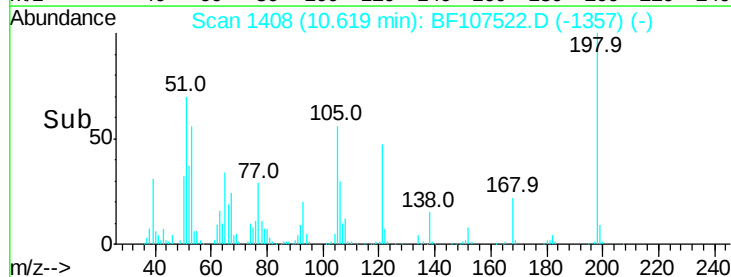
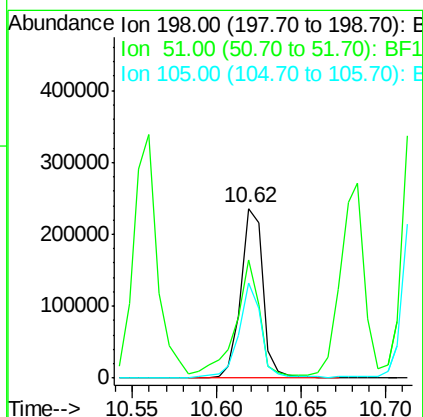
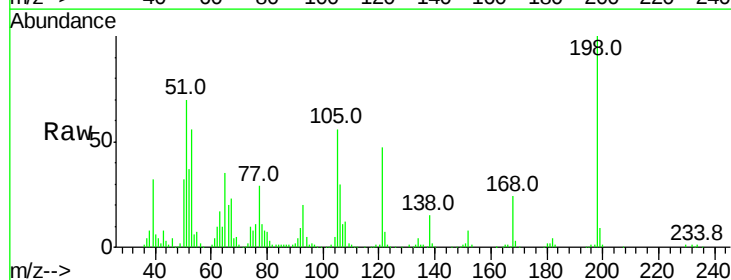
Instrument :
BNA_F
ClientSampleId :

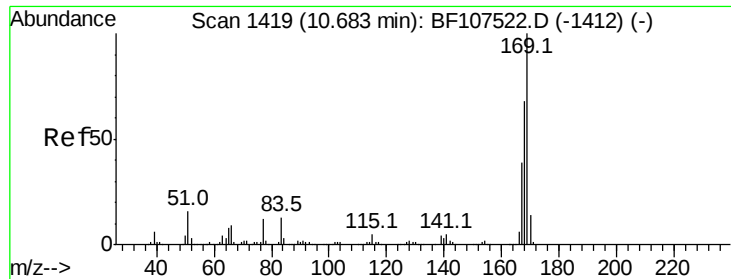
Tot Ion:188 Resp: 1232583
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 36.932 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:198 Resp: 216851
Ion Ratio Lower Upper
198 100
51 69.6 37.7 77.7
105 56.0 36.3 76.3

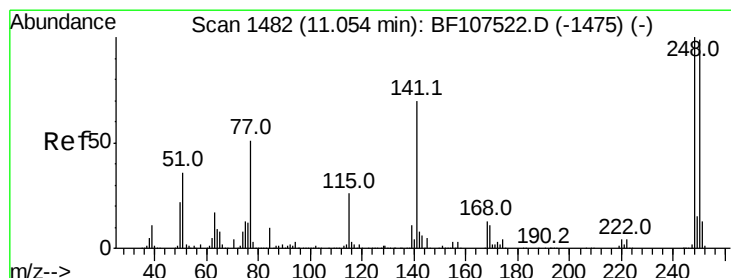
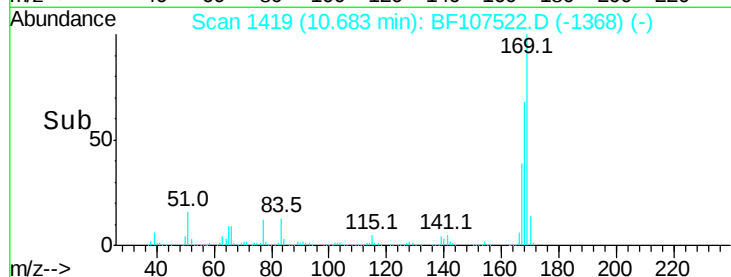
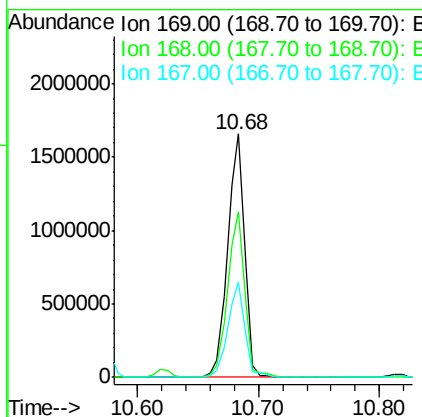
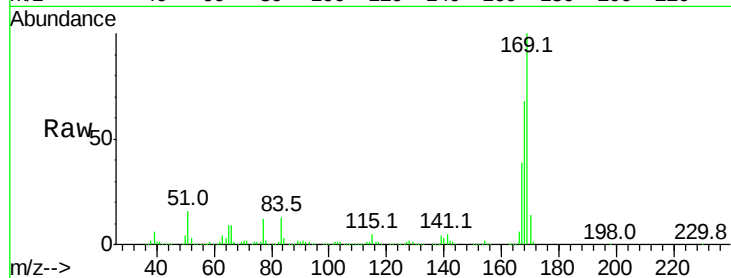




#65
n-Nitrosodiphenylamine
Concen: 41.160 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

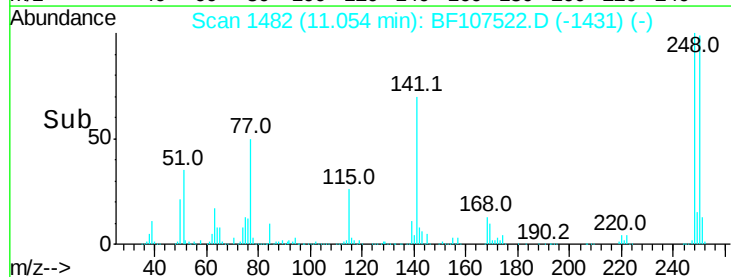
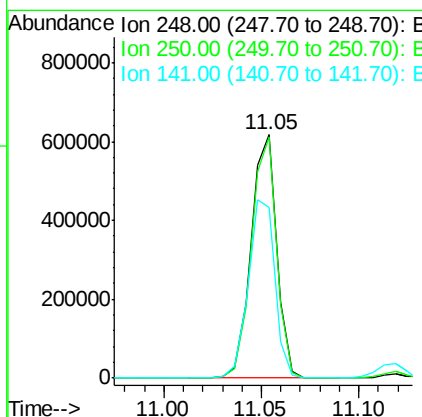
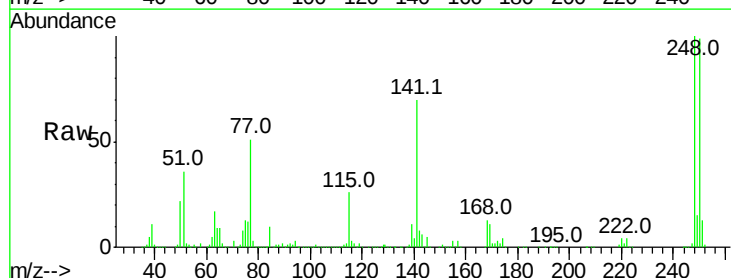
Instrument :
BNA_F
ClientSampleId :

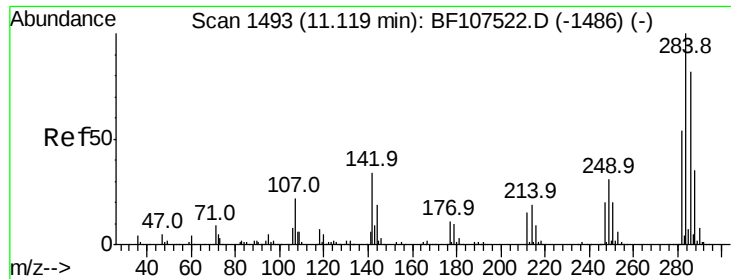
Tot Ion:169 Resp: 1602319
Ion Ratio Lower Upper
169 100
168 68.2 54.4 81.6
167 39.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 39.783 ng
RT: 11.05 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:248 Resp: 561010
Ion Ratio Lower Upper
248 100
250 99.1 76.9 115.3
141 70.2 74.4 111.6#

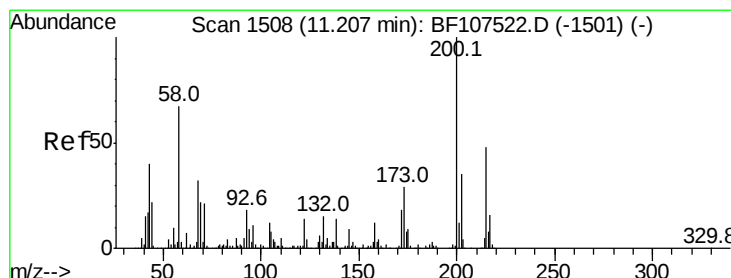
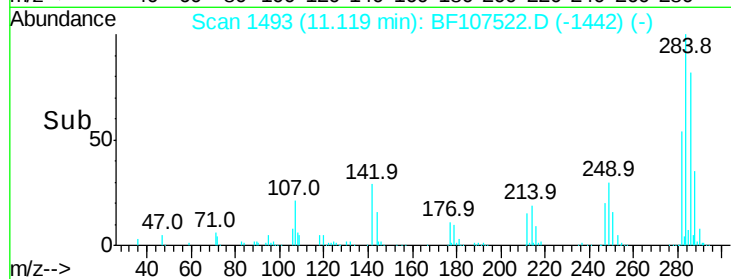
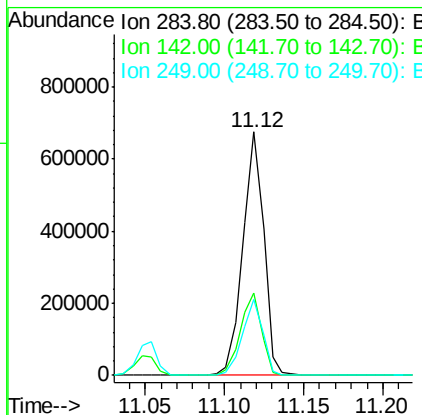
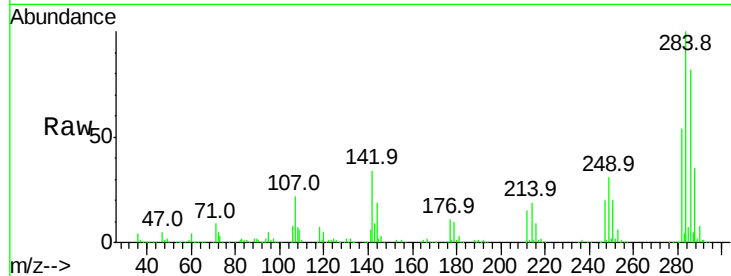




#67
Hexachlorobenzene
Concen: 47.210 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

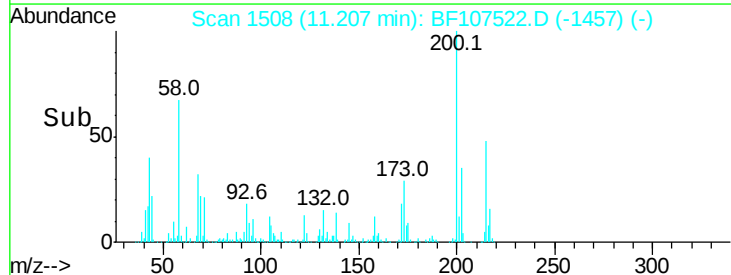
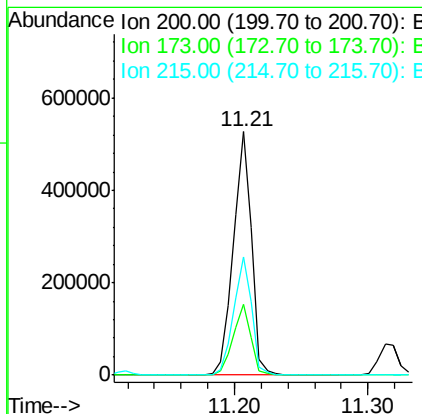
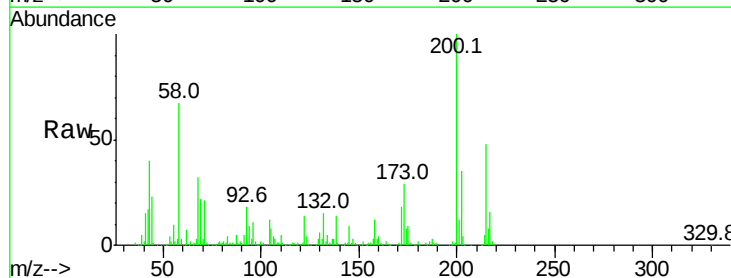
Instrument :
BNA_F
ClientSampleId :

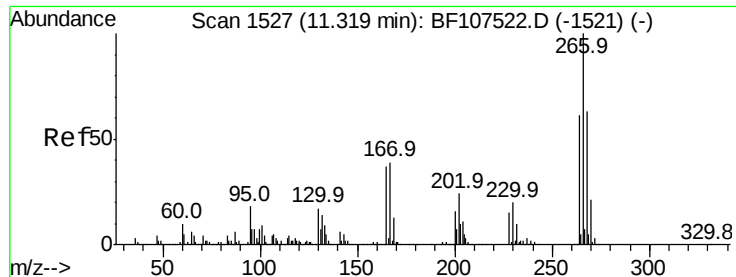
Tot Ion:284 Resp: 616257
Ion Ratio Lower Upper
284 100
142 33.7 34.6 52.0#
249 31.4 24.8 37.2



#68
Atrazine
Concen: 34.370 ng
RT: 11.21 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:200 Resp: 505618
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 48.4 25.1 65.1

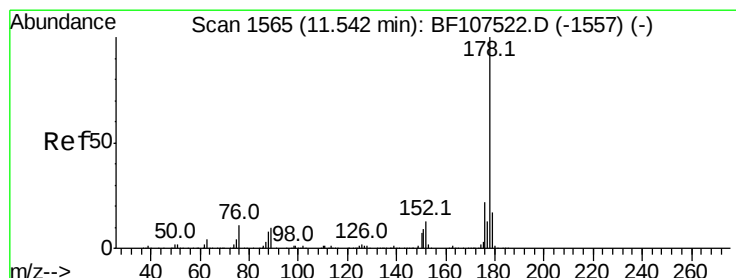
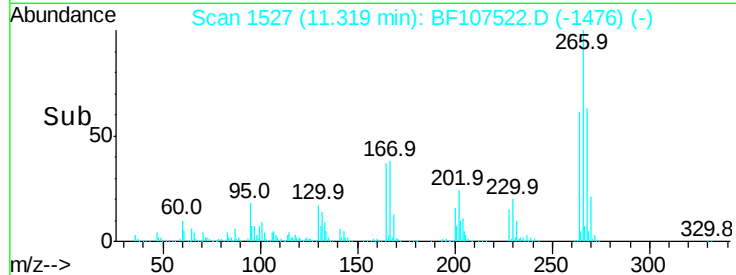
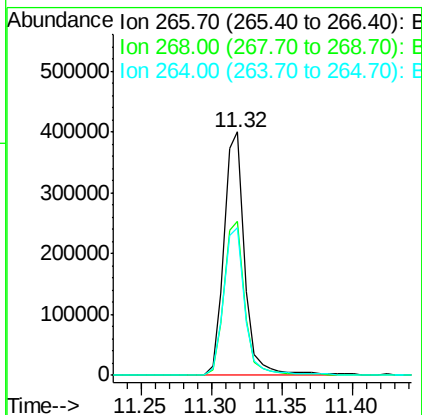
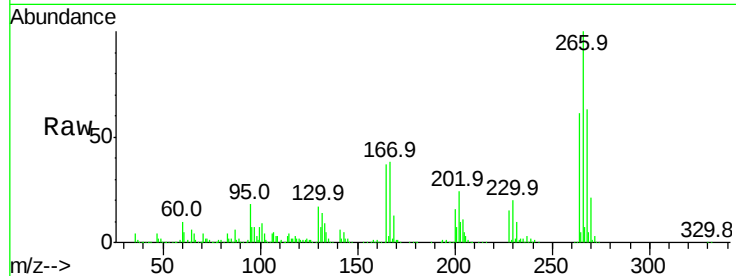




#69
 Pentachlorophenol
 Concen: 42.419 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

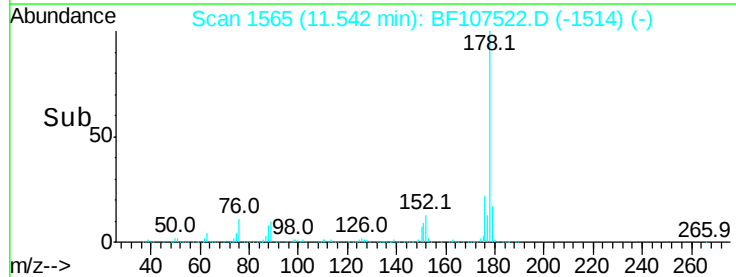
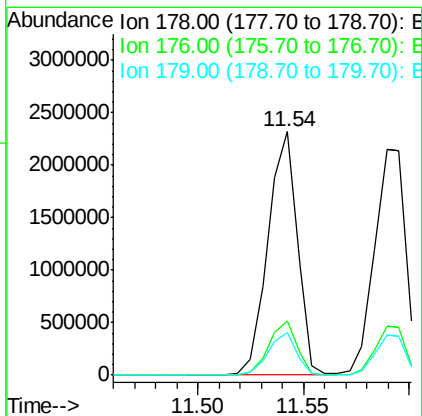
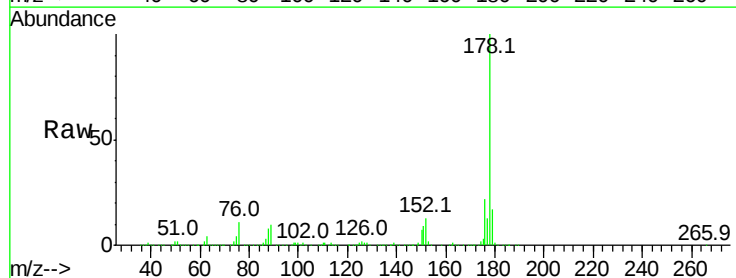
Instrument :
 BNA_F
 ClientSampleId :

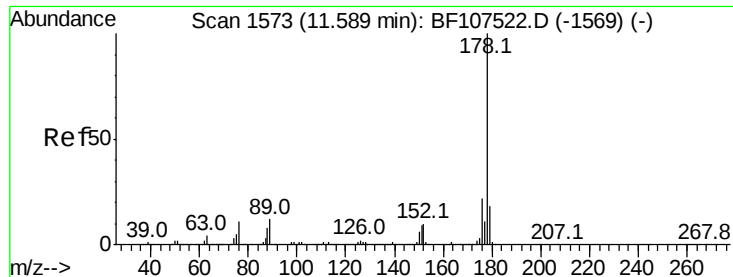
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	60.9	49.5	74.3



#70
 Phenanthrene
 Concen: 36.650 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.8	23.8
179	17.5	13.0	19.6

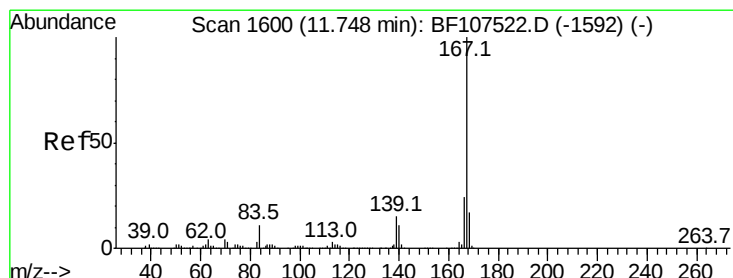
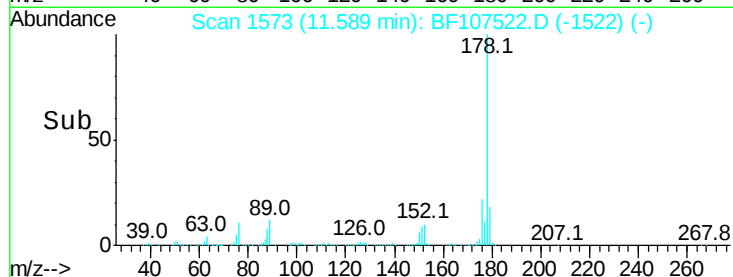
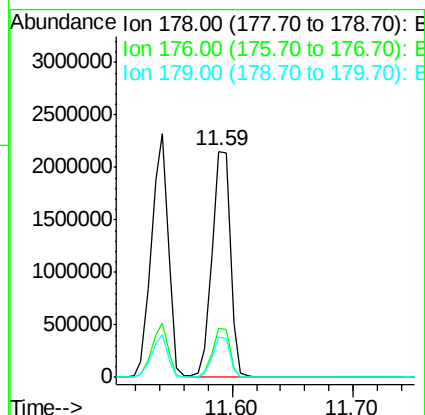
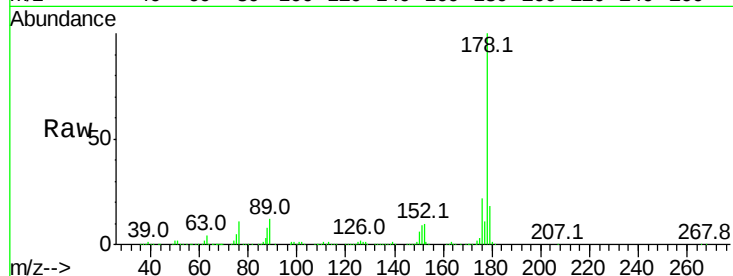




#71
 Anthracene
 Concen: 36.763 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

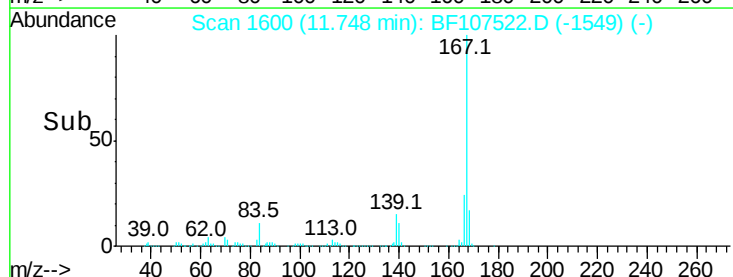
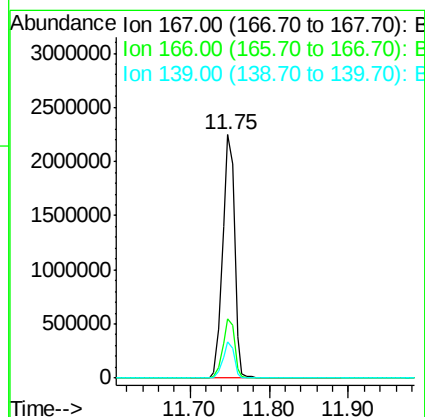
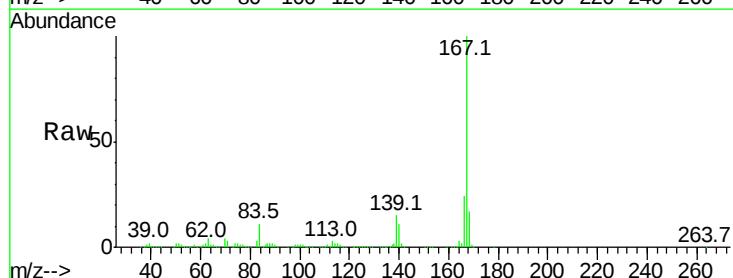
Instrument :
 BNA_F
 ClientSampleId :

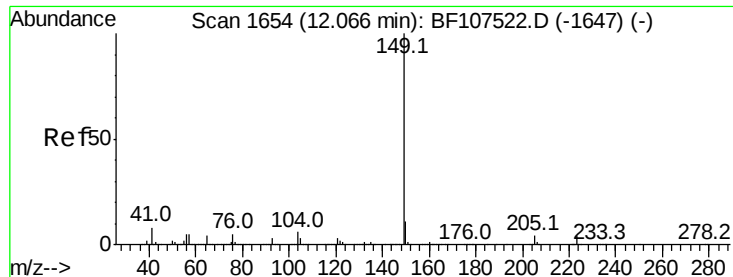
Tot Ion:178 Resp: 2249258
 Ion Ratio Lower Upper
 178 100
 176 21.7 15.4 23.2
 179 17.9 12.6 19.0



#72
 Carbazole
 Concen: 40.421 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Tgt Ion:167 Resp: 2341311
 Ion Ratio Lower Upper
 167 100
 166 24.5 17.6 26.4
 139 14.6 10.9 16.3

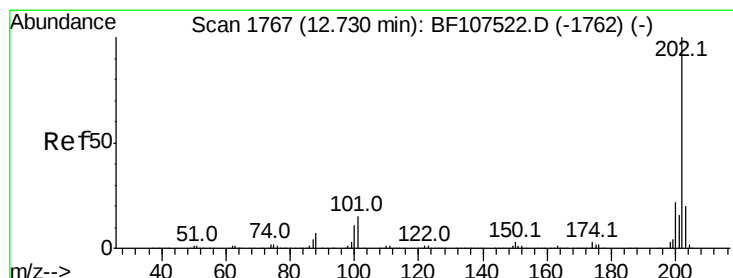
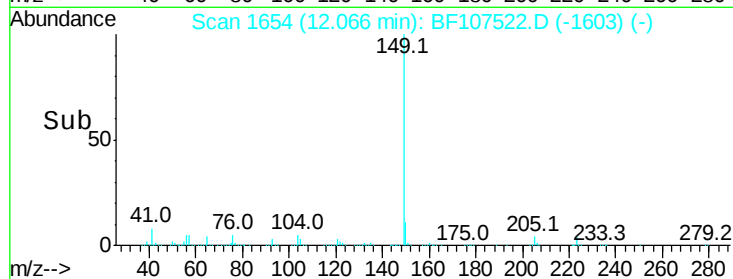
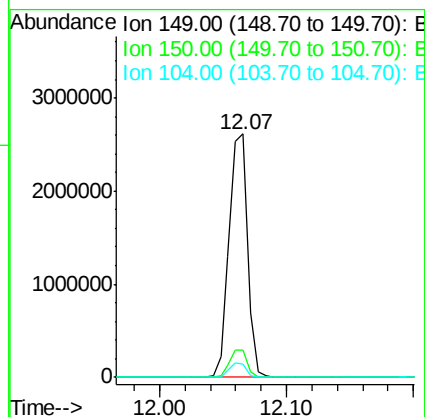
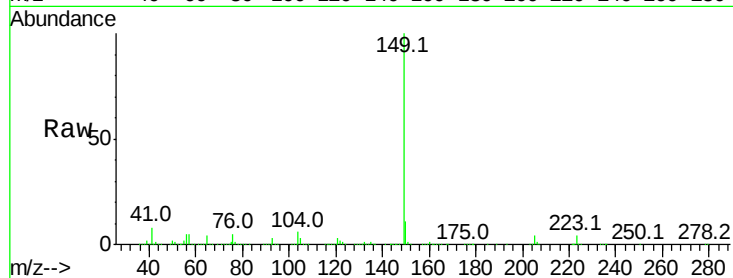




#73
Di-n-butylphthalate
Concen: 39.725 ng
RT: 12.07 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

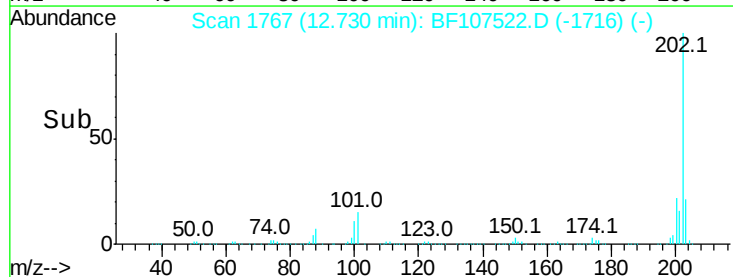
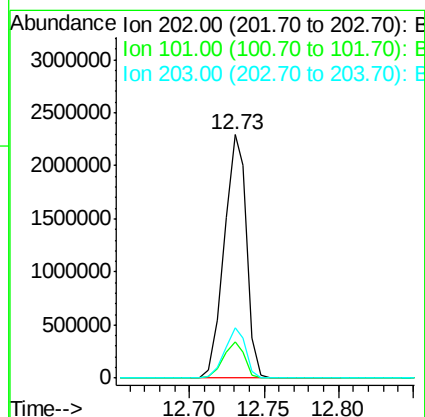
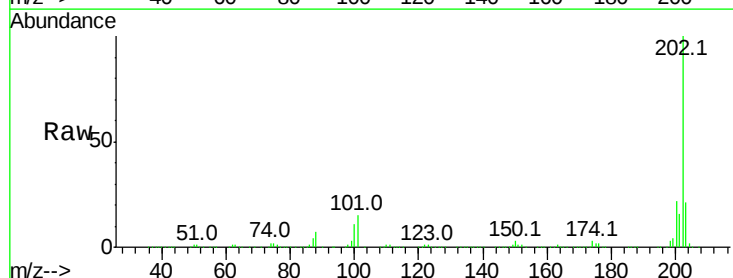
Instrument :
BNA_F
ClientSampleId :

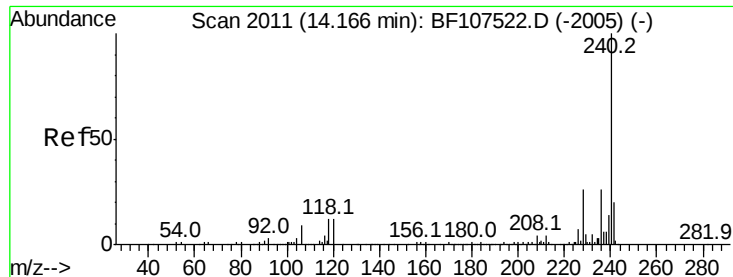
Tot Ion:149 Resp: 2644387
Ion Ratio Lower Upper
149 100
150 11.2 7.8 11.6
104 5.5 3.8 5.8



#74
Fluoranthene
Concen: 34.567 ng
RT: 12.73 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:202 Resp: 2413360
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.1
203 20.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

Instrument :

BNA_F

ClientSampleId :

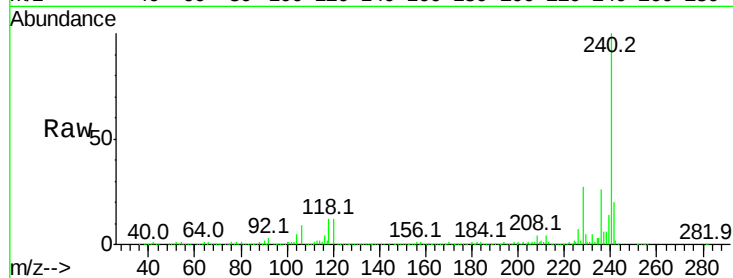
Tot Ion:240 Resp: 952281

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

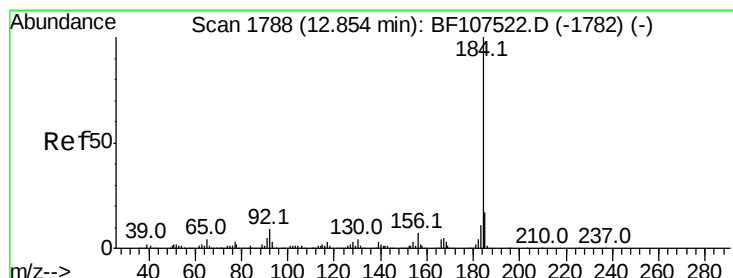
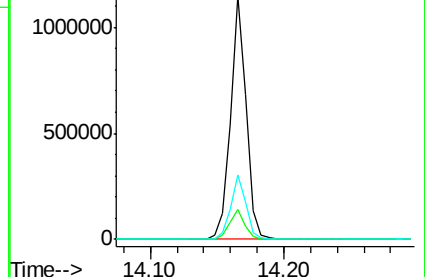
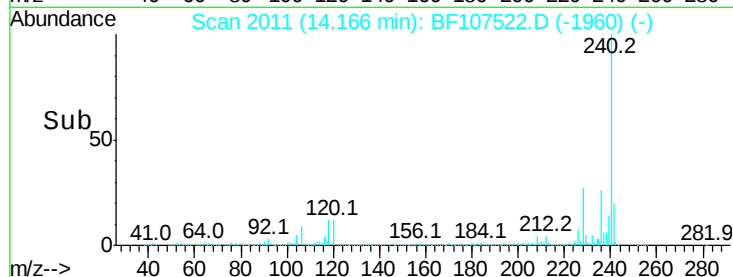
236 26.2 20.7 31.1



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: 28.507 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107522.D

Acq: 20 Jul 2018 14:10

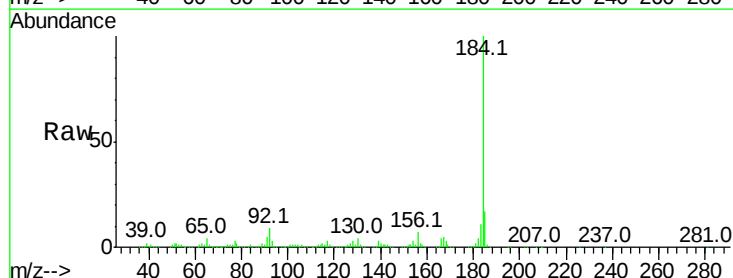
Tgt Ion:184 Resp: 1053561

Ion Ratio Lower Upper

184 100

185 16.6 12.6 18.8

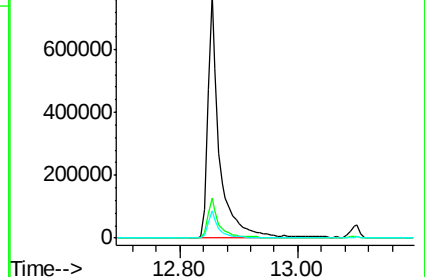
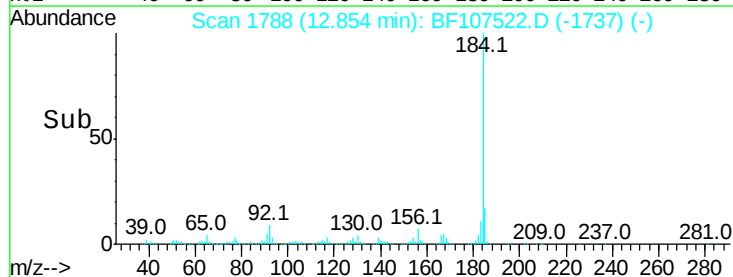
183 11.1 9.3 13.9

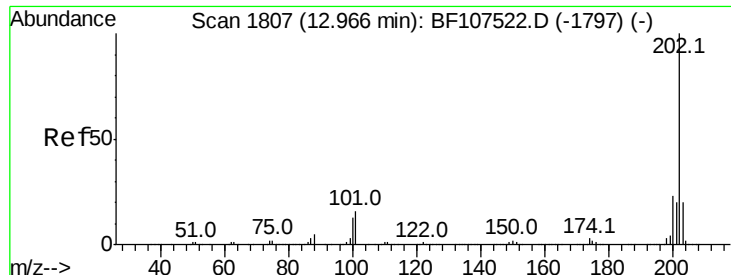


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

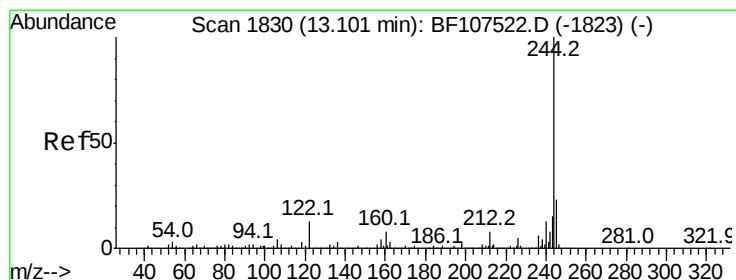
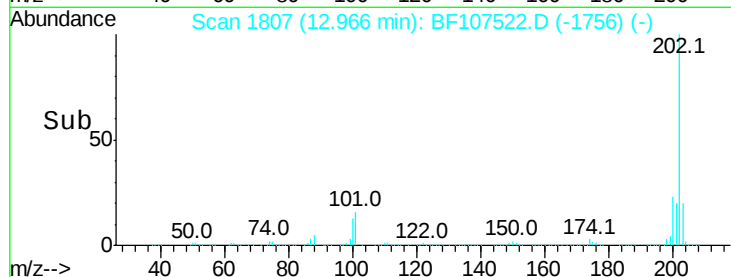
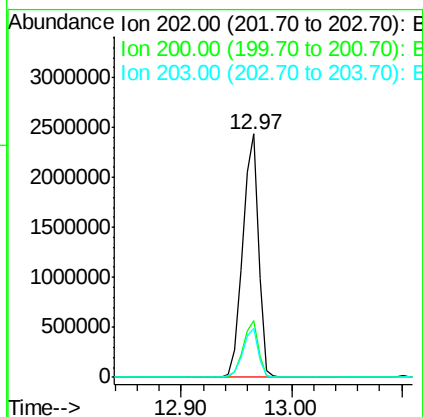
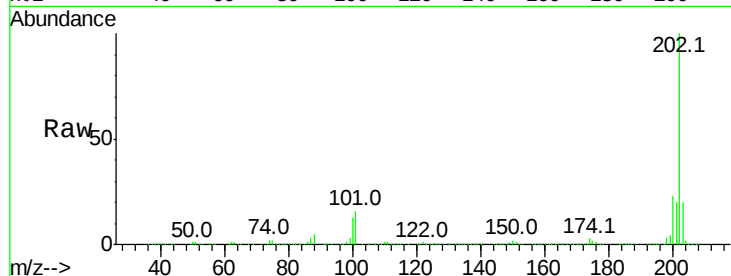




#77
Pvrene
Concen: 37.999 ng
RT: 12.97 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

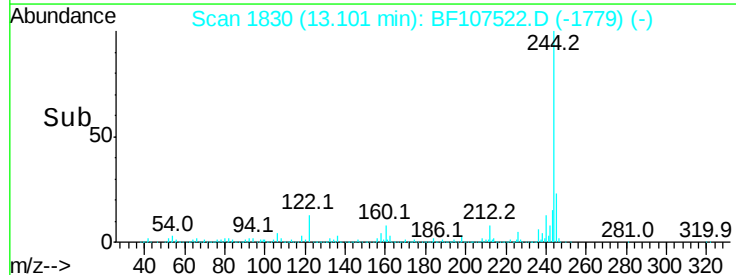
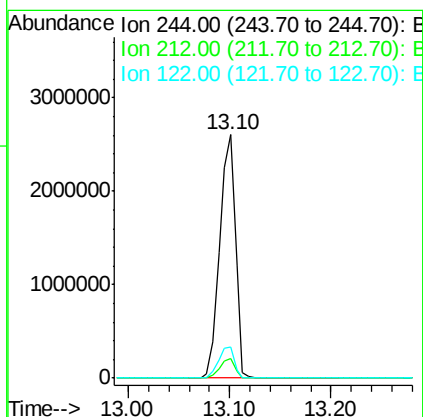
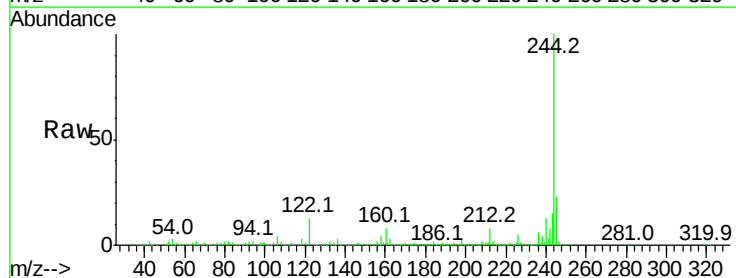
Instrument :
BNA_F
ClientSampleId :

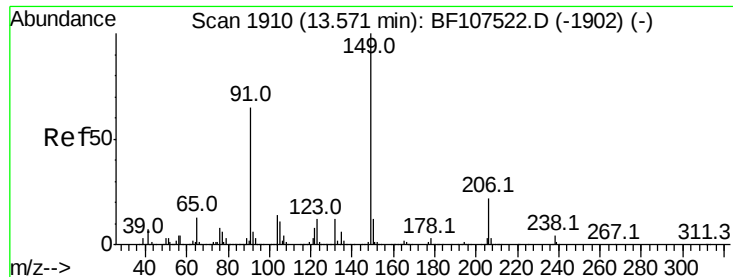
Tot Ion:202 Resp: 2460670
Ion Ratio Lower Upper
202 100
200 23.4 17.4 26.2
203 20.1 14.3 21.5



#78
Terphenyl-d14
Concen: 73.333 ng
RT: 13.10 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:244 Resp: 2810692
Ion Ratio Lower Upper
244 100
212 8.3 5.4 8.0#
122 12.9 11.0 16.4

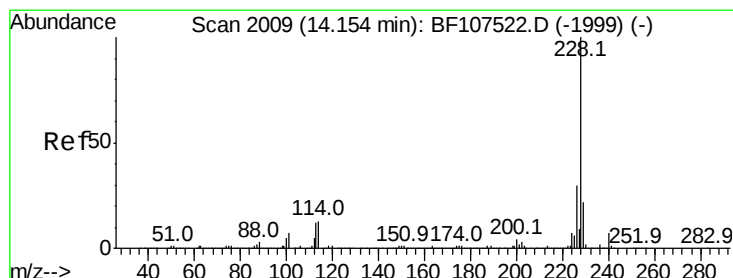
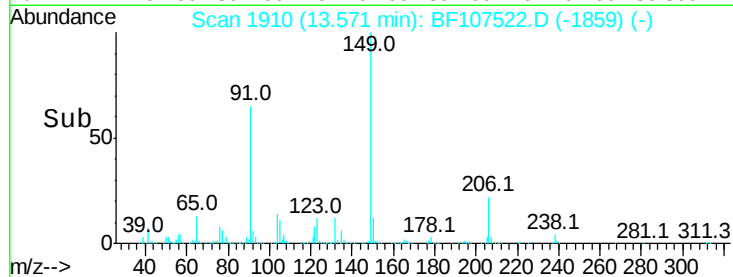
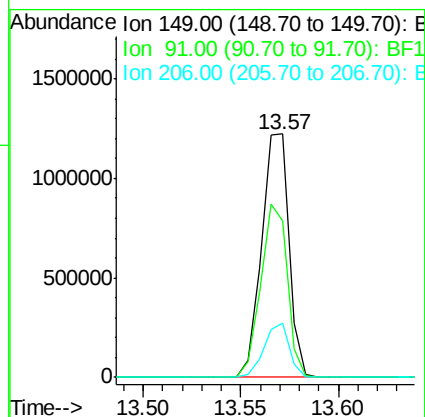
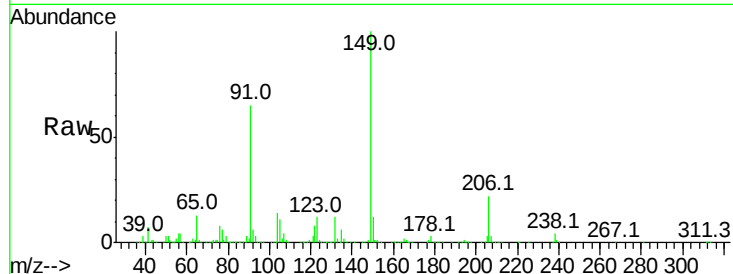




#79
Butylbenzylphthalate
Concen: 50.419 ng
RT: 13.57 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

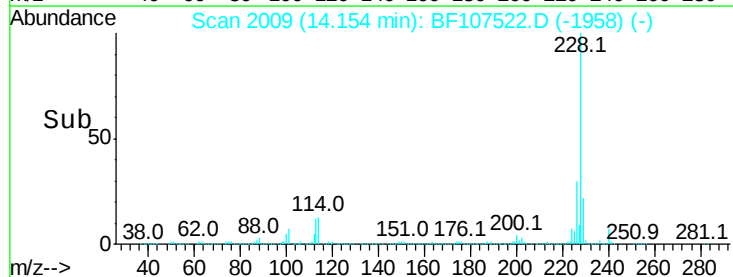
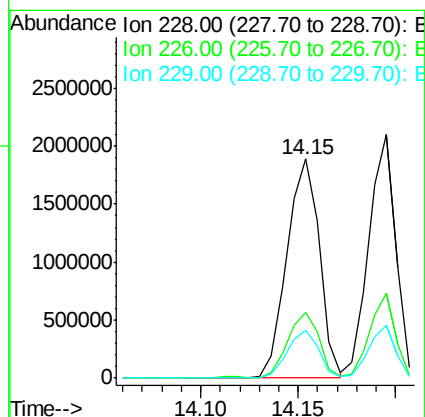
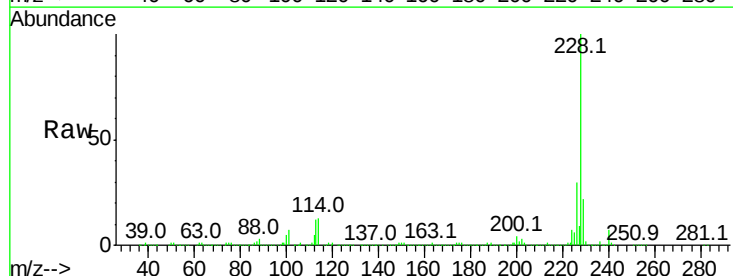
Instrument :
BNA_F
ClientSampleId :

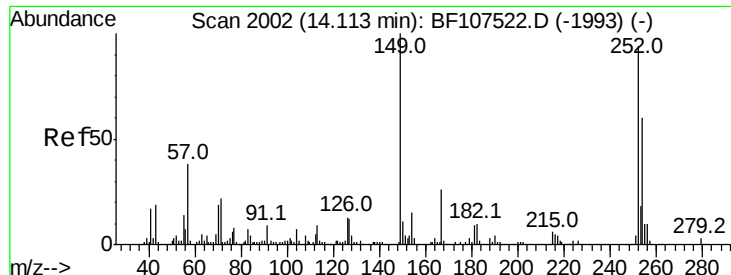
Tot Ion:149 Resp: 1189291
Ion Ratio Lower Upper
149 100
91 64.6 56.8 85.2
206 22.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 37.384 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:228 Resp: 2178197
Ion Ratio Lower Upper
228 100
226 30.0 22.6 33.8
229 21.6 15.8 23.6

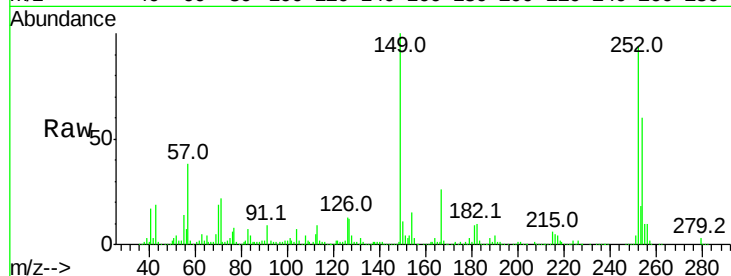




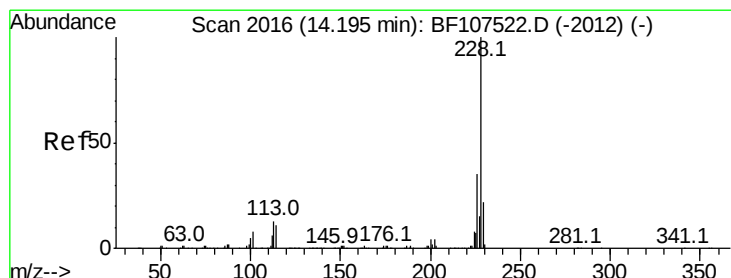
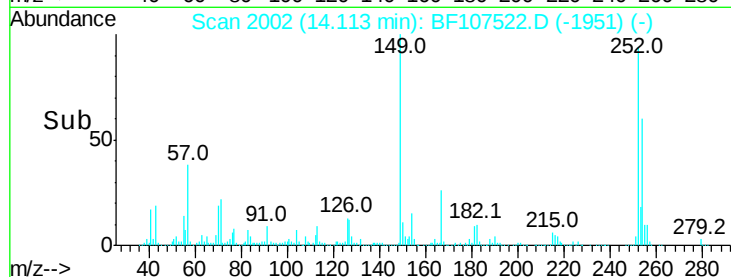
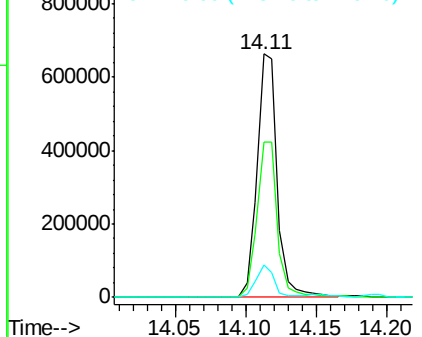
#81
 3,3'-Dichlorobenzidine
 Concen: 34.432 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 672842
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.4 75.6
 126 13.4 11.3 16.9

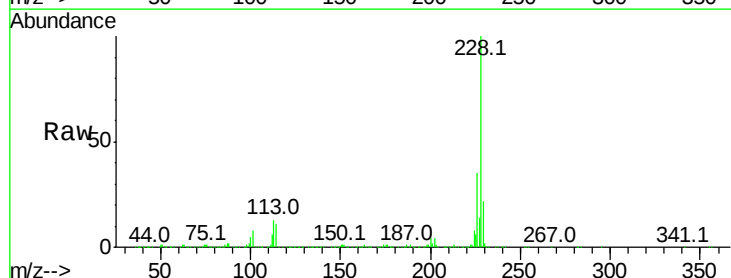


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

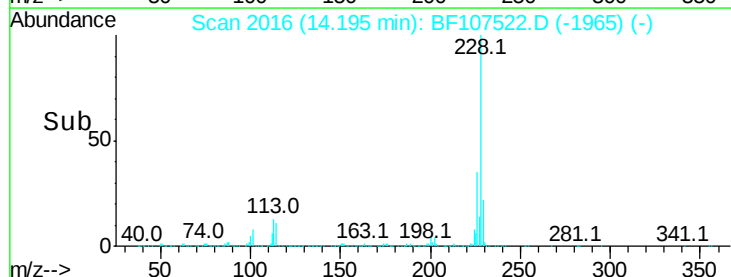
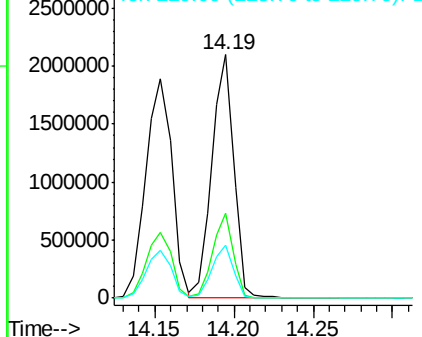


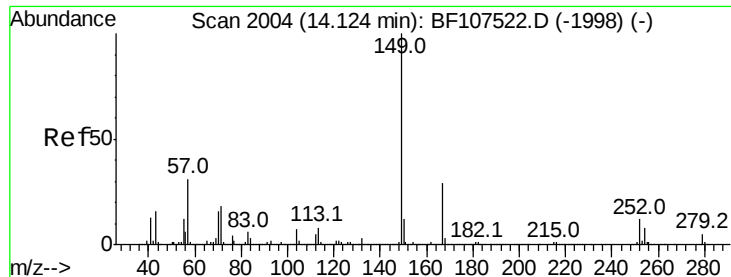
#82
 Chrysene
 Concen: 36.392 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Tgt Ion:228 Resp: 2025542
 Ion Ratio Lower Upper
 228 100
 226 34.8 25.0 37.6
 229 22.0 16.2 24.4



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

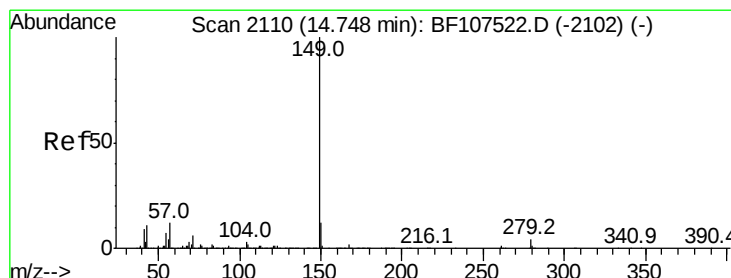
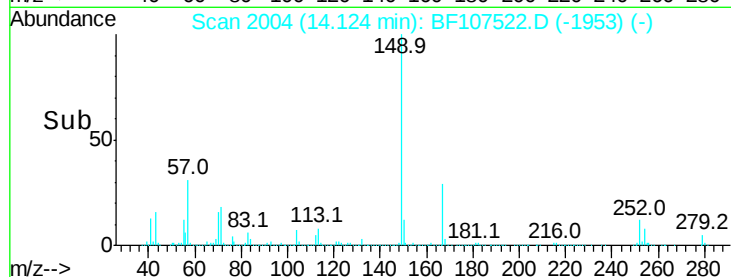
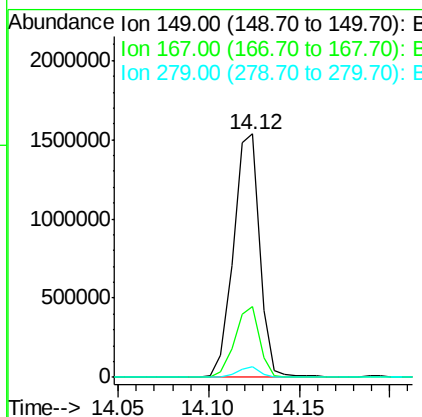
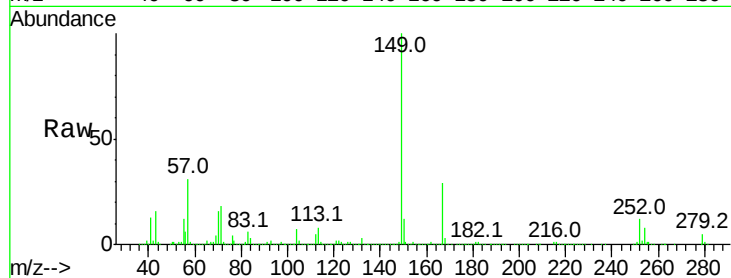




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.726 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

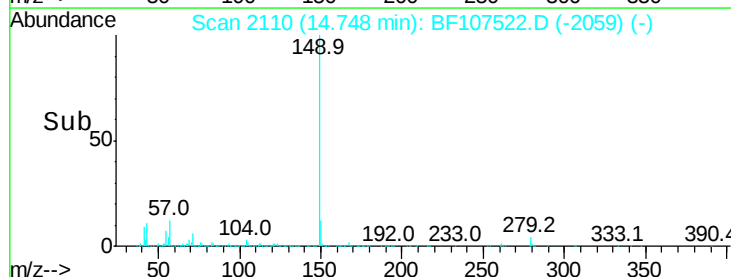
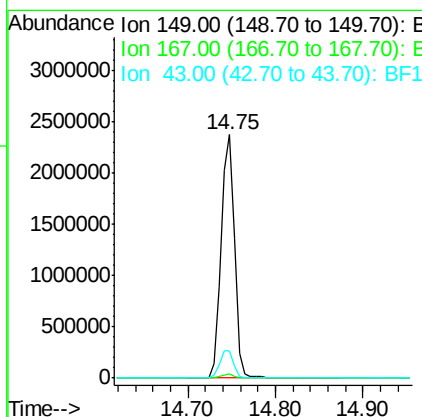
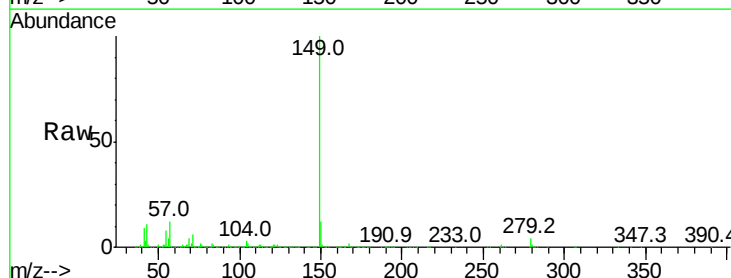
Instrument :
 BNA_F
 ClientSampleId :

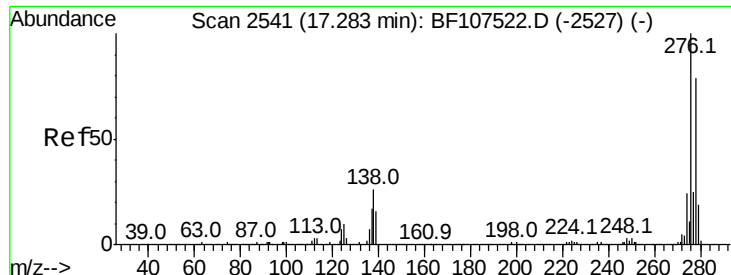
Tot Ion:149 Resp: 1545620
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.3 31.9
 279 4.5 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 48.312 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Tgt Ion:149 Resp: 2538556
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.7 8.4 12.6



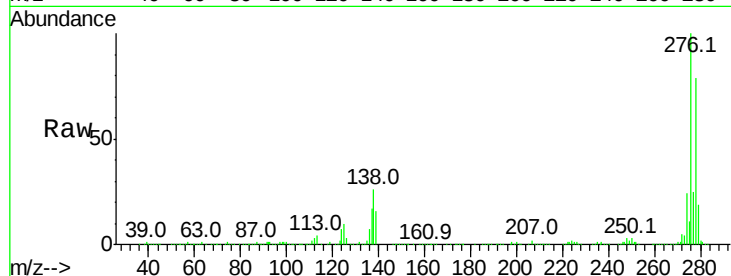


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.502 ng
 RT: 17.28 min Scan# 2541
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

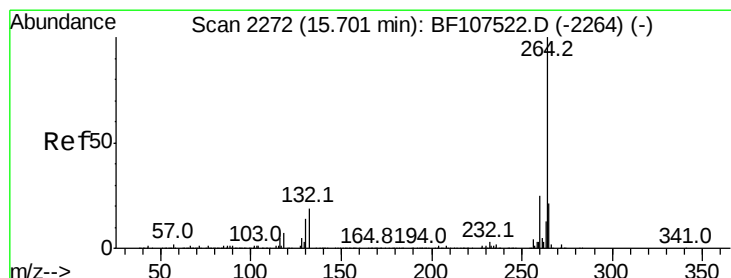
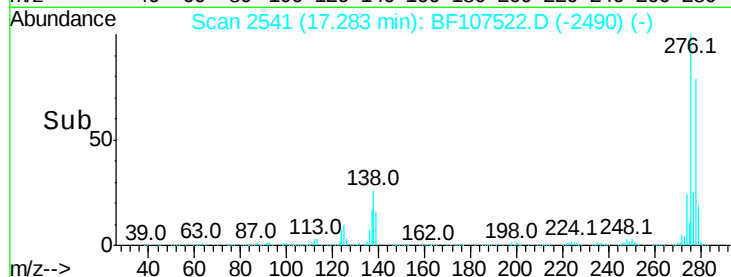
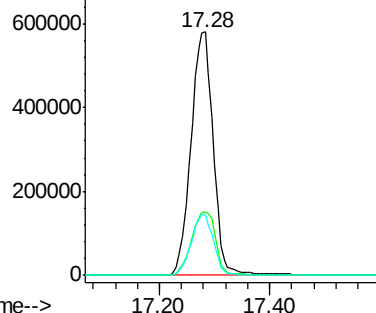
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1644232

Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.0	37.6
277	25.1	20.1	30.1



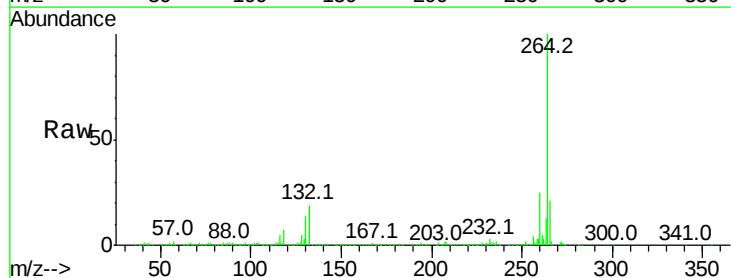
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



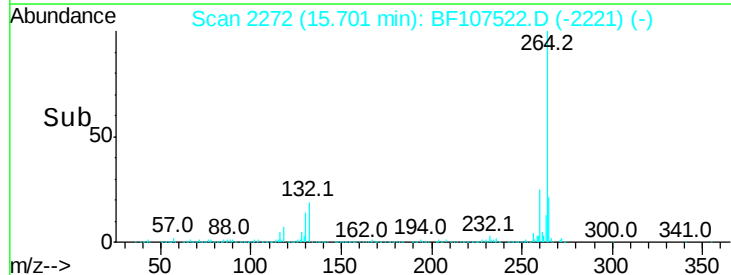
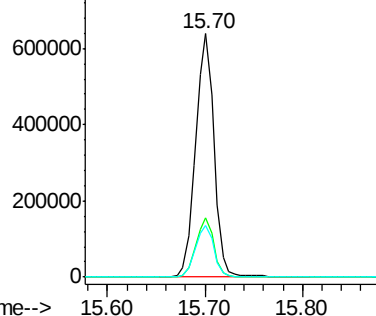
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

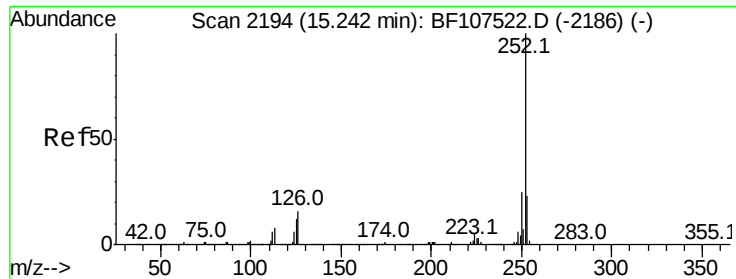
Tgt Ion:264 Resp: 838637

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

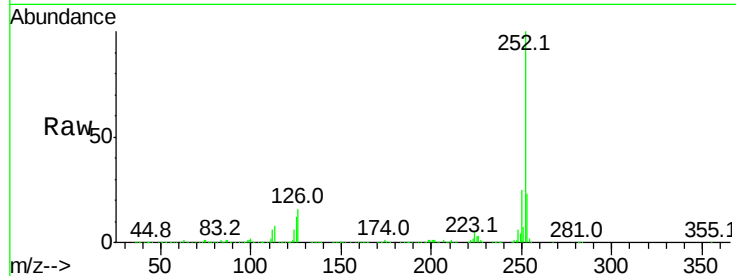




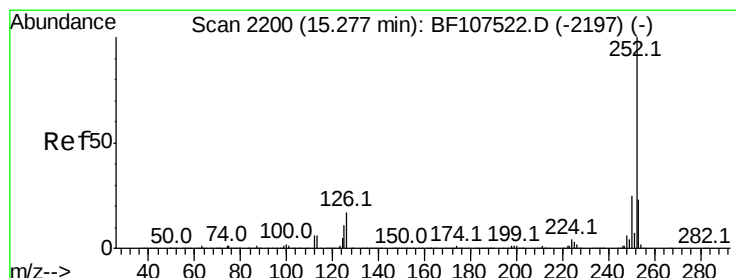
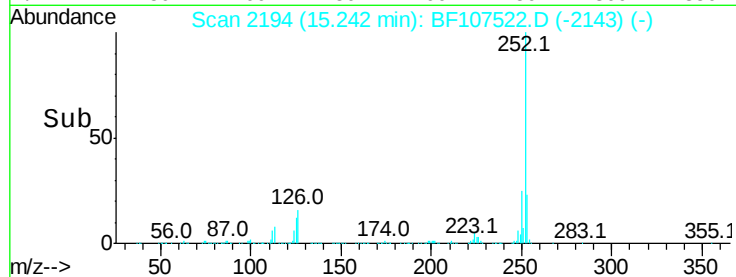
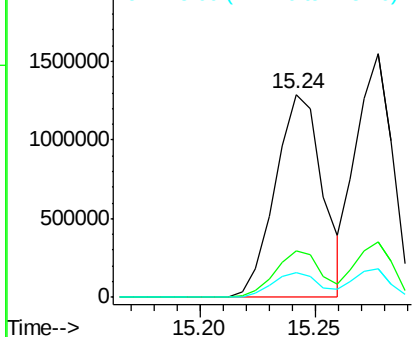
#87
Benzo(b)fluoranthene
Concen: 37.495 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1840513
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 12.2 9.0 13.6

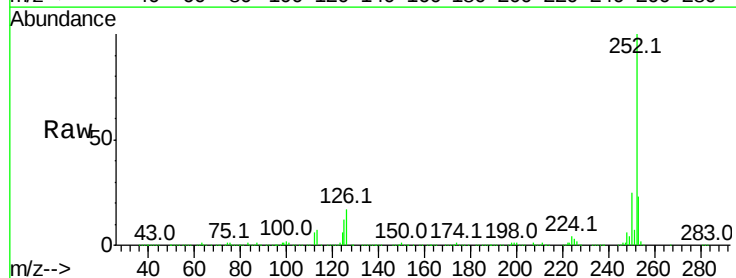


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

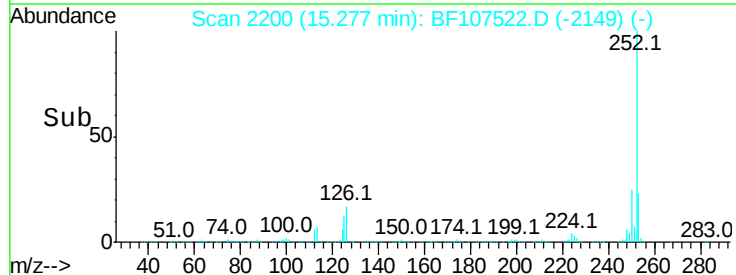
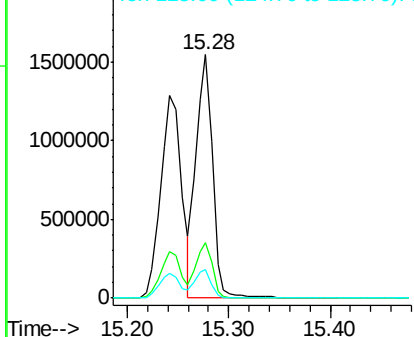


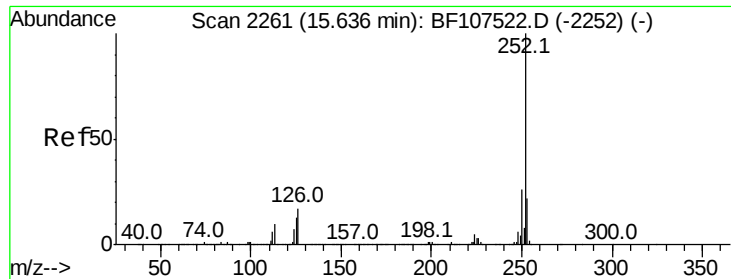
#88
Benzo(k)fluoranthene
Concen: 36.501 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:252 Resp: 1748538
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 11.7 10.2 15.2



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

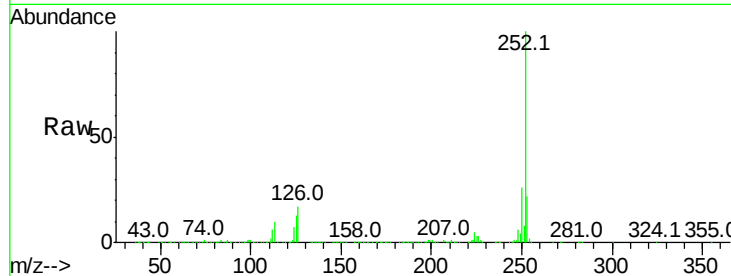




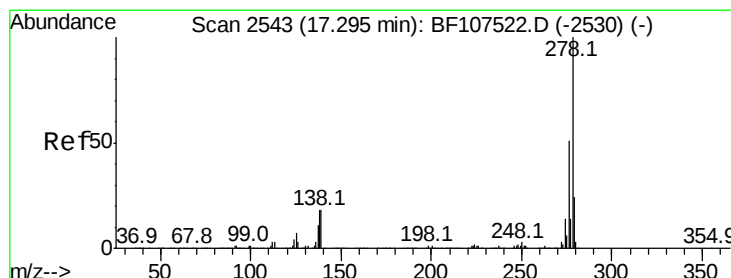
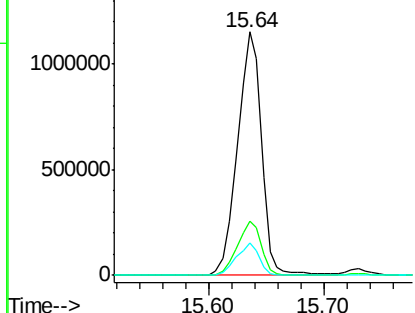
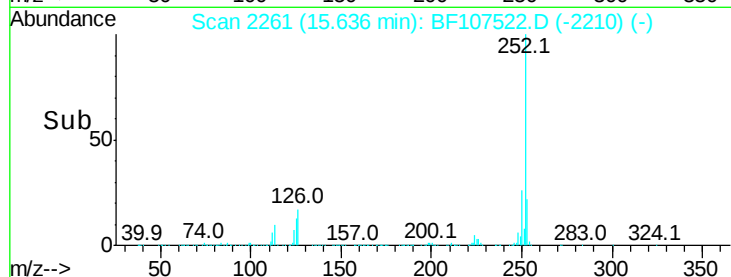
#89
Benzo(a)pyrene
Concen: 36.781 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1657147
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 13.2 9.8 14.6

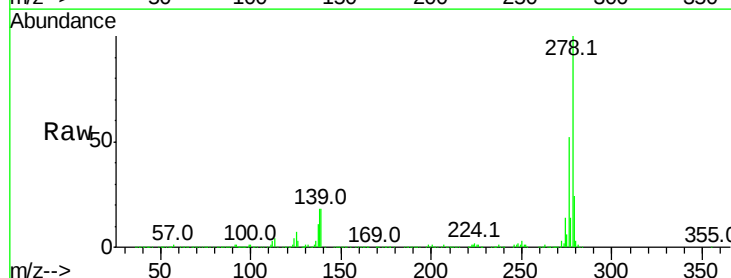


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

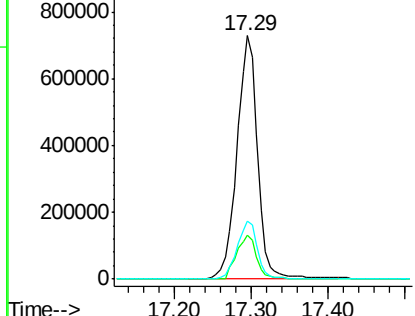
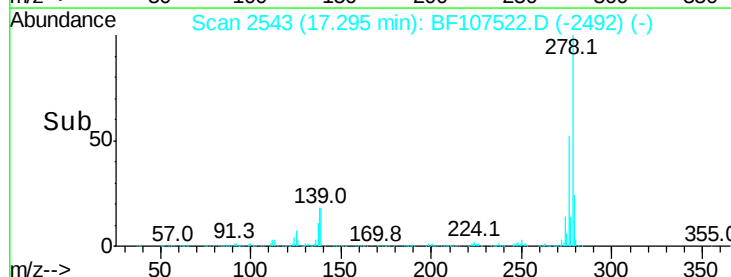


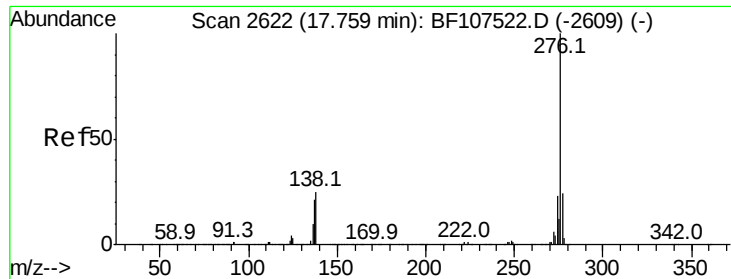
#90
Dibenzo(a,h)anthracene
Concen: 40.410 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BF107522.D
Acq: 20 Jul 2018 14:10

Tgt Ion:278 Resp: 1374055
Ion Ratio Lower Upper
278 100
139 18.0 15.9 23.9
279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.441 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.00 min
 Lab File: BF107522.D
 Acq: 20 Jul 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1362725

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	24.8	21.8	32.8

