

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107523.D
 Acq On : 20 Jul 2018 14:36
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 14:57:46 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	334457	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1342957	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	603994	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1176153	20.00	ng	0.00
75) Chrysene-d12	14.17	240	887524	20.00	ng	0.00
86) Perylene-d12	15.69	264	762219	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	2057252	93.42	ng	0.00
7) Phenol-d6	6.62	99	2367763	83.16	ng	0.00
23) Nitrobenzene-d5	7.55	82	2055551	81.62	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	693243	130.63	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	3349773	79.70	ng	0.00
78) Terphenyl-d14	13.10	244	3172039	88.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	473136	43.518	ng	# 82
3) Pyridine	3.63	79	1315913	44.875	ng	# 85
4) n-Nitrosodimethylamine	3.61	42	556657	46.229	ng	96
6) Aniline	6.65	93	1568934	41.685	ng	# 88
8) 2-Chlorophenol	6.77	128	1078368	48.421	ng	91
9) Benzaldehyde	6.53	77	701959	30.648	ng	99
10) Phenol	6.63	94	1384287	45.350	ng	86
11) bis(2-Chloroethyl)ether	6.71	93	1212013	48.656	ng	90
12) 1,3-Dichlorobenzene	6.92	146	1211665	44.812	ng	99
13) 1,4-Dichlorobenzene	7.00	146	1234597	46.062	ng	98
14) 1,2-Dichlorobenzene	7.15	146	1081203	43.112	ng	98
15) Benzyl Alcohol	7.12	79	838282	29.317	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1923101	72.347	ng	90
17) 2-Methylphenol	7.23	107	897441	42.382	ng	# 95
18) Hexachloroethane	7.48	117	448246	44.946	ng	95
19) n-Nitroso-di-n-propylamine	7.40	70	752949	36.935	ng	99
20) 3+4-Methylphenols	7.38	107	1044019	38.814	ng	# 76
22) Acetophenone	7.39	105	1415460	38.361	ng	# 88
24) Nitrobenzene	7.57	77	1136501	40.155	ng	98
25) Isophorone	7.80	82	2029383	40.653	ng	100
26) 2-Nitrophenol	7.88	139	532784	55.378	ng	97
27) 2,4-Dimethylphenol	7.91	122	879604	43.843	ng	99
28) bis(2-Chloroethoxy)methane	8.01	93	1338528	42.815	ng	99
29) 2,4-Dichlorophenol	8.12	162	928004	44.449	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	981363	38.817	ng	99
31) Naphthalene	8.28	128	2677002	41.038	ng	# 94
32) Benzoic acid	8.06	122	635648	51.625	ng	97
33) 4-Chloroaniline	8.34	127	1160365	41.074	ng	97
34) Hexachlorobutadiene	8.39	225	596380	35.254	ng	98
35) Caprolactam	8.72	113	300992	44.320	ng	# 76
36) 4-Chloro-3-methylphenol	8.82	107	1016397	37.259	ng	98
37) 2-Methylnaphthalene	8.97	142	1882673	43.785	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	945067	40.209	ng	98
40) Hexachlorocyclopentadiene	9.12	237	540504	44.029	ng	99

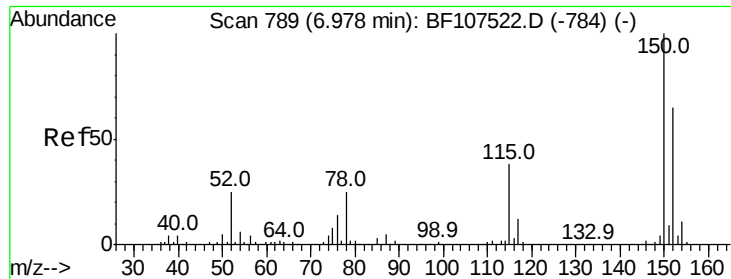
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	649586	44.274	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	684946	48.800	ng	96
45) 1,1'-Biphenyl	9.44	154	2342054	44.849	ng	95
46) 2-Chloronaphthalene	9.47	162	1838528	44.575	ng	96
47) 2-Nitroaniline	9.57	65	642228	50.882	ng	91
48) Acenaphthylene	9.88	152	2702464	46.951	ng	93
49) Dimethylphthalate	9.74	163	2125324	44.287	ng	# 97
50) 2,6-Dinitrotoluene	9.81	165	473702	51.729	ng	# 87
51) Acenaphthene	10.06	154	1706397	44.720	ng	98
52) 3-Nitroaniline	9.98	138	579688	60.267	ng	97
53) 2,4-Dinitrophenol	10.08	184	173691	53.837	ng	# 22
54) Dibenzofuran	10.23	168	2440996	41.397	ng	91
55) 4-Nitrophenol	10.15	139	444101	57.059	ng	93
56) 2,4-Dinitrotoluene	10.21	165	588722	49.322	ng	92
57) Fluorene	10.57	166	1862653	47.696	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.35	232	564112	41.491	ng	91
59) Diethylphthalate	10.44	149	2156841	46.262	ng	94
60) 4-Chlorophenyl-phenylether	10.56	204	1013115	43.553	ng	97
61) 4-Nitroaniline	10.61	138	476325	52.036	ng	98
62) Azobenzene	10.72	77	2085230	38.087	ng	87
64) 4,6-Dinitro-2-methylphenol	10.62	198	287858	51.377	ng	92
65) n-Nitrosodiphenylamine	10.68	169	1815324	48.869	ng	97
66) 4-Bromophenyl-phenylether	11.05	248	647258	48.101	ng	# 90
67) Hexachlorobenzene	11.12	284	719550	57.767	ng	# 91
68) Atrazine	11.21	200	591003	42.102	ng	96
69) Pentachlorophenol	11.32	266	482943	52.466	ng	97
70) Phenanthrene	11.54	178	2509980	42.822	ng	94
71) Anthracene	11.60	178	2543359	43.565	ng	93
72) Carbazole	11.75	167	2663137	48.183	ng	95
73) Di-n-butylphthalate	12.07	149	2946781	46.392	ng	# 95
74) Fluoranthene	12.73	202	2715512	40.761	ng	95
76) Benzidine	12.85	184	1180163	34.263	ng	97
77) Pyrene	12.73	202	2715512	44.994	ng	96
79) Butylbenzylphthalate	13.57	149	1386946	63.089	ng	# 95
80) Benzo(a)anthracene	14.15	228	2409260	44.366	ng	94
81) 3,3'-Dichlorobenzidine	14.12	252	746768	41.003	ng	# 96
82) Chrysene	14.19	228	2294754	44.237	ng	94
83) Bis(2-ethylhexyl)phthalate	14.12	149	1741006	55.264	ng	# 96
84) Di-n-octyl phthalate	14.74	149	2820778	57.600	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	1940931	52.565	ng	96
87) Benzo(b)fluoranthene	15.24	252	1995764	44.734	ng	98
88) Benzo(k)fluoranthene	15.28	252	2040553	46.867	ng	97
89) Benzo(a)pyrene	15.64	252	1871445	45.702	ng	99
90) Dibenzo(a,h)anthracene	17.29	278	1610240	52.104	ng	98
91) Benzo(g,h,i)perylene	17.76	276	1608997	51.238	ng	95

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

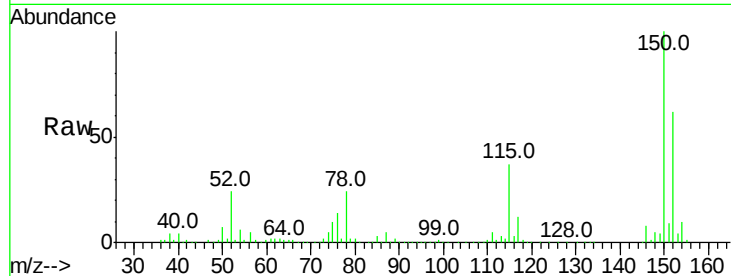


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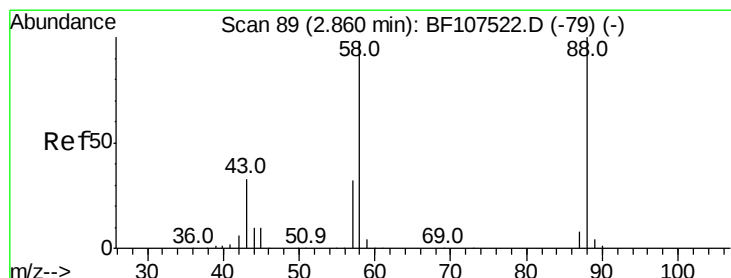
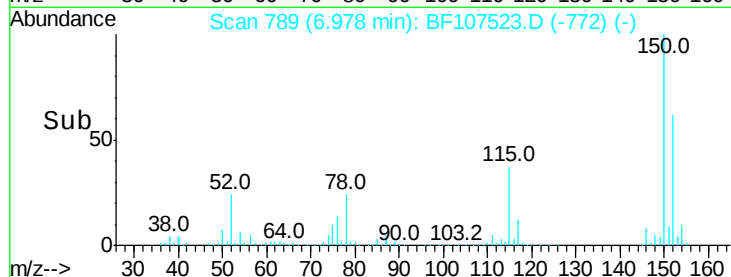
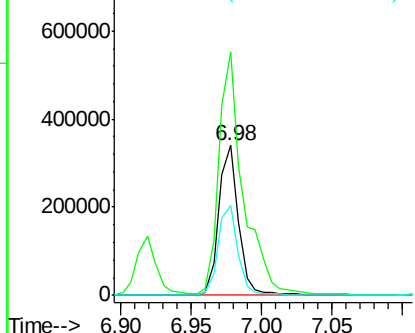
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 334457
Ion Ratio Lower Upper
152 100
150 162.6 124.6 186.8
115 60.2 50.1 75.1



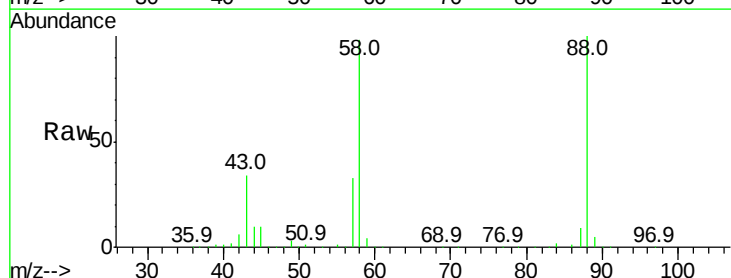
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



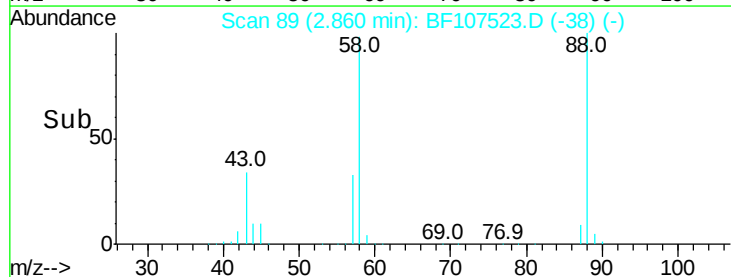
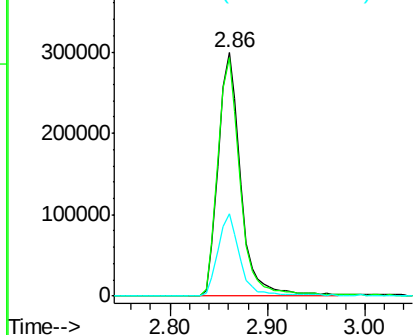
#2

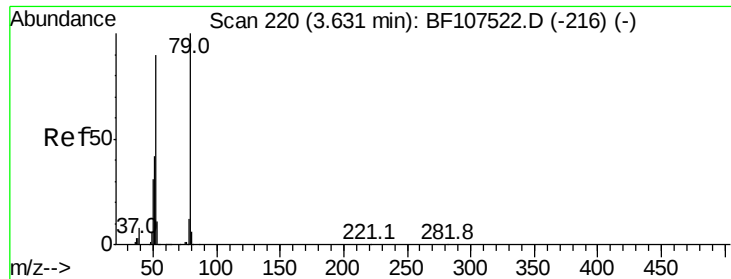
1,4-Dioxane
Concen: 43.518 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion: 88 Resp: 473136
Ion Ratio Lower Upper
88 100
58 98.6 62.6 93.8#
43 32.8 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: 44.875 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

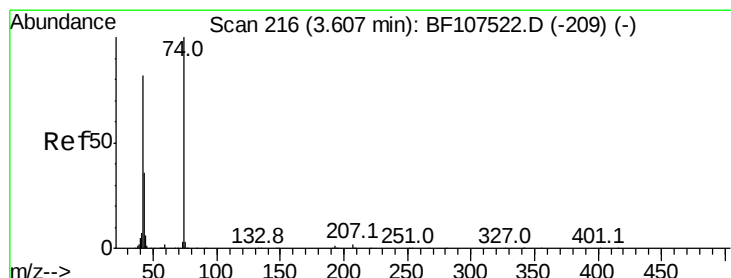
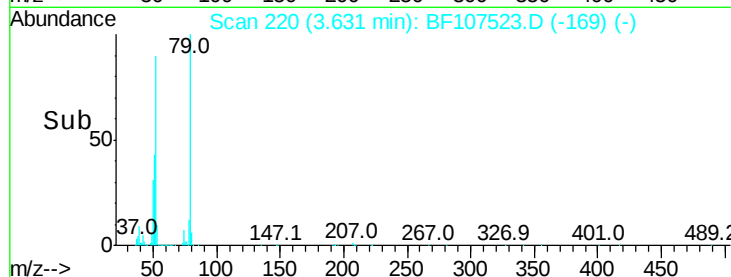
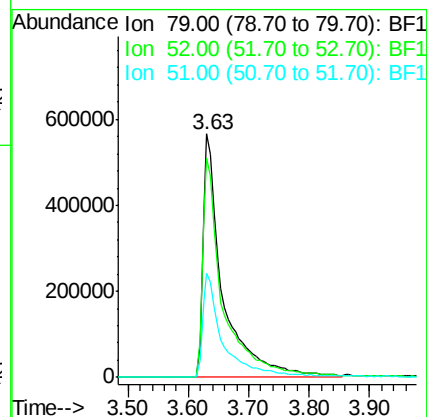
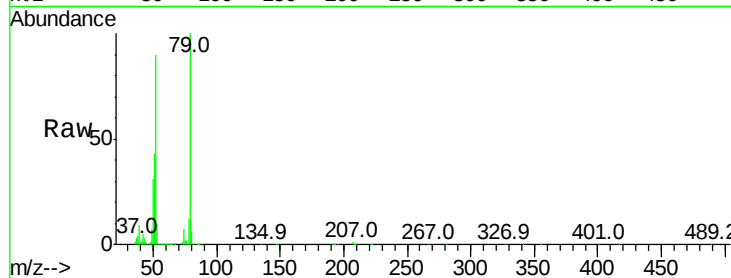
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 1315913

Ion	Ratio	Lower	Upper
79	100		
52	90.0	59.8	89.6#
51	42.7	29.8	44.8



#4

n-Nitrosodimethylamine

Concen: 46.229 ng

RT: 3.61 min Scan# 217

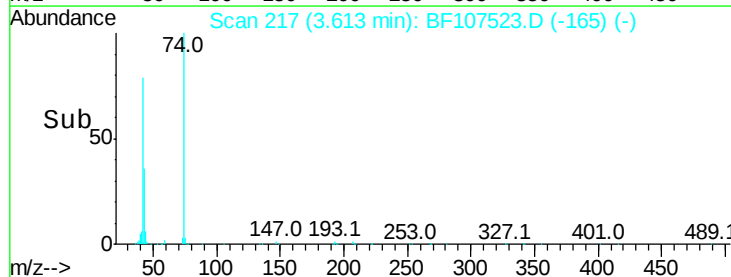
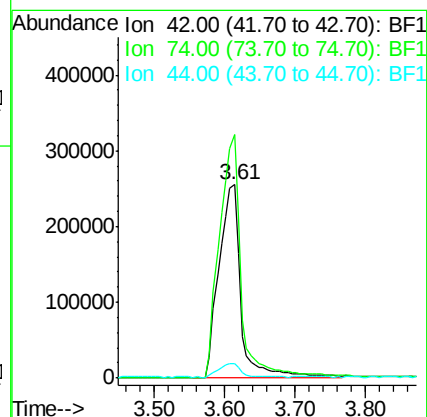
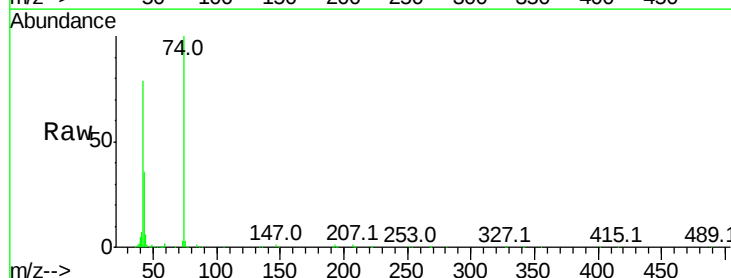
Delta R.T. 0.01 min

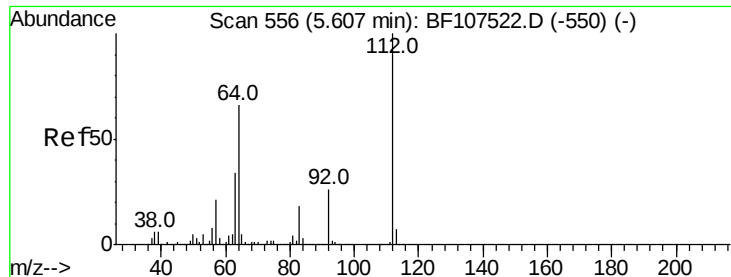
Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Tgt Ion: 42 Resp: 556657

Ion	Ratio	Lower	Upper
42	100		
74	125.8	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 93.418 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampleId :

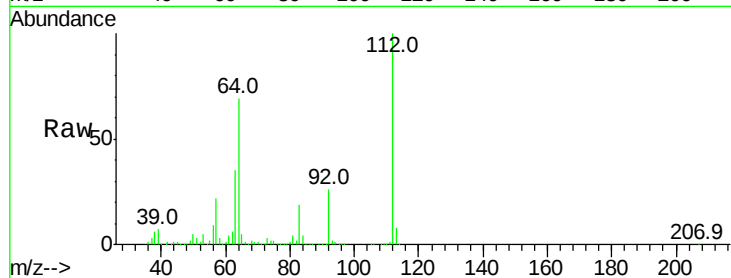
Tot Ion:112 Resp: 2057252

Ion Ratio Lower Upper

112 100

64 68.7 47.9 71.9

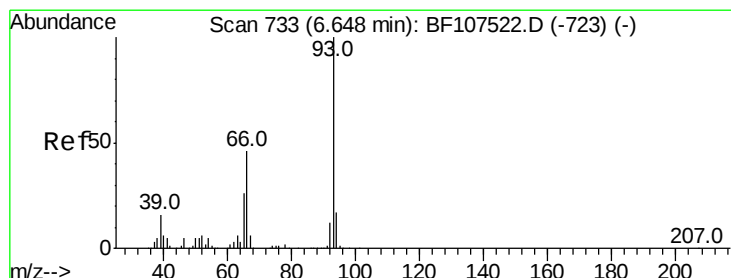
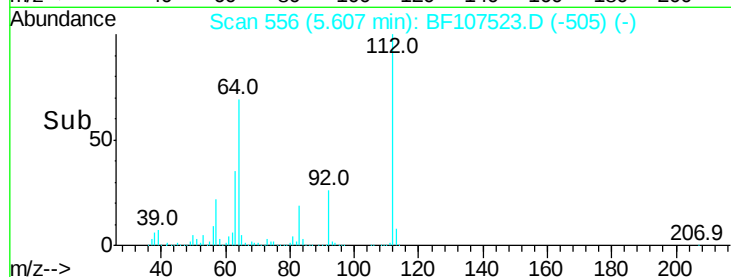
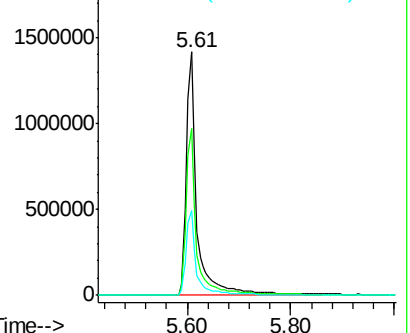
63 34.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.685 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

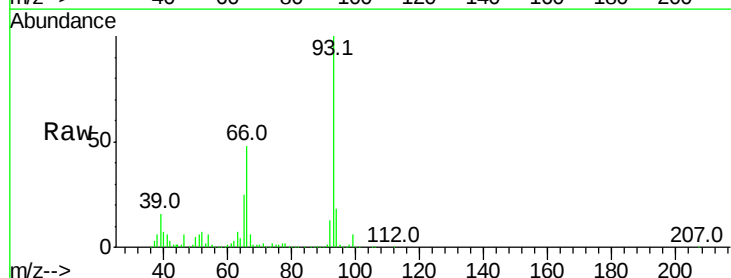
Tgt Ion: 93 Resp: 1568934

Ion Ratio Lower Upper

93 100

66 47.7 32.2 48.2

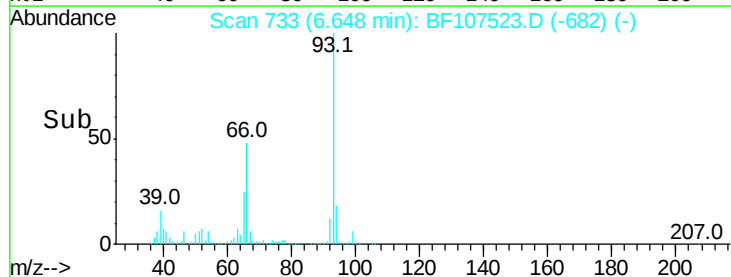
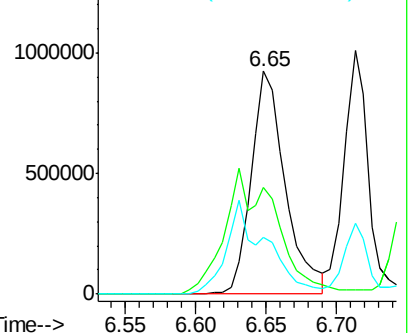
65 25.4 16.4 24.6#

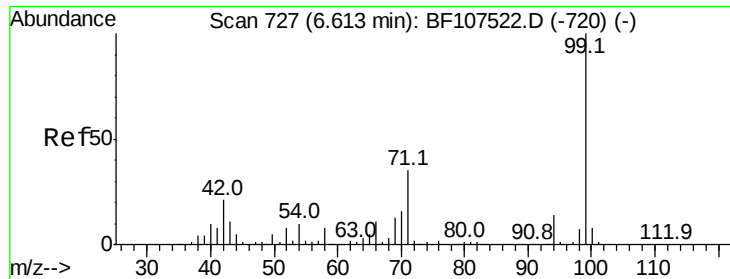


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.161 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

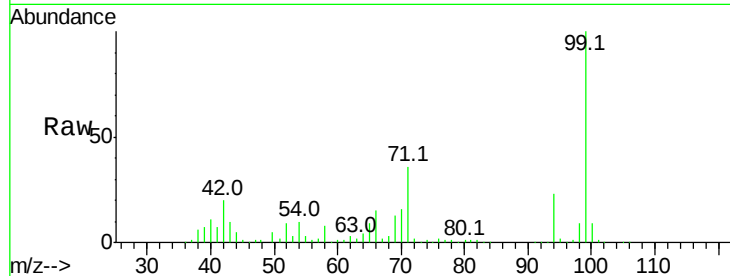
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2367763

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	35.9	25.4	38.0

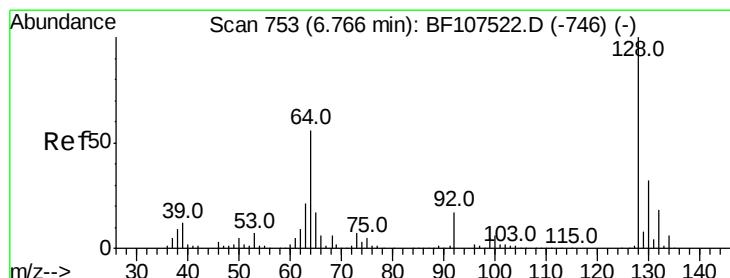
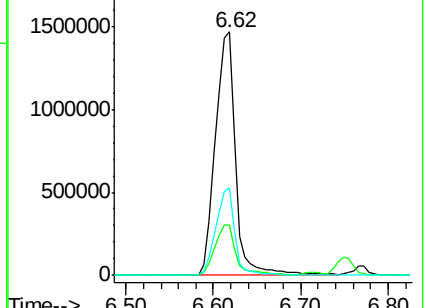
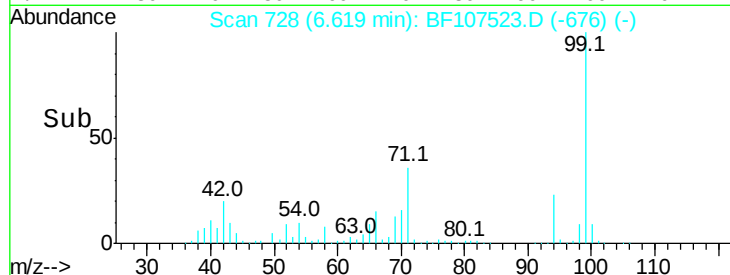


Abundance

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: 48.421 ng

RT: 6.77 min Scan# 753

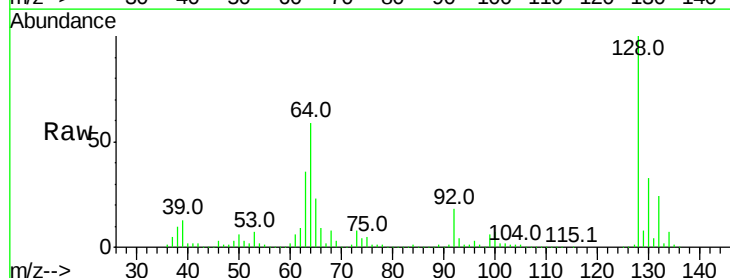
Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Tgt Ion: 128 Resp: 1078368

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	59.0	29.4	69.4

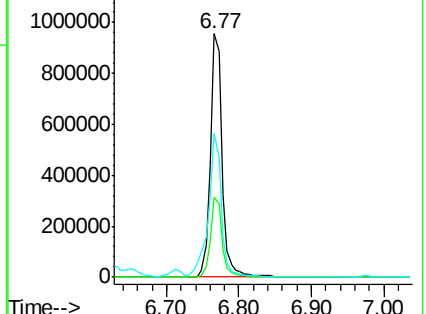
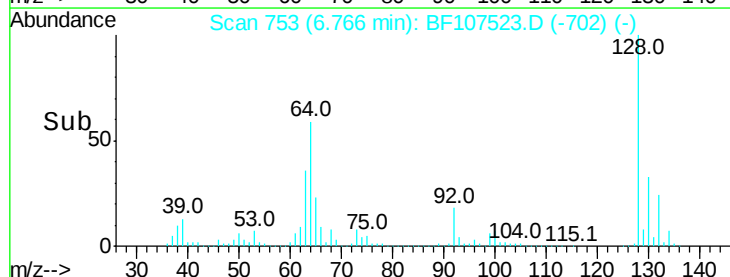


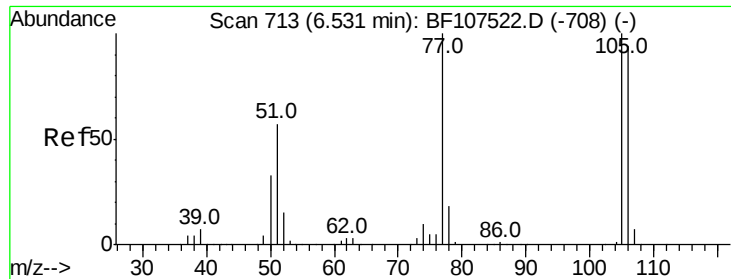
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

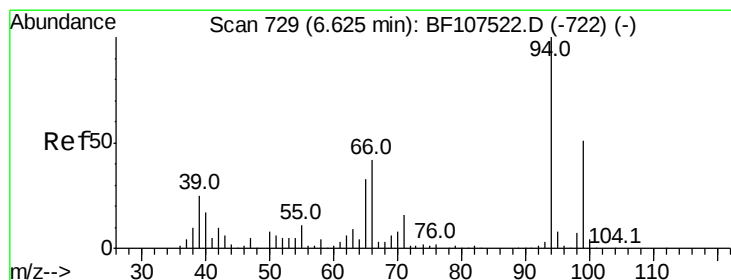
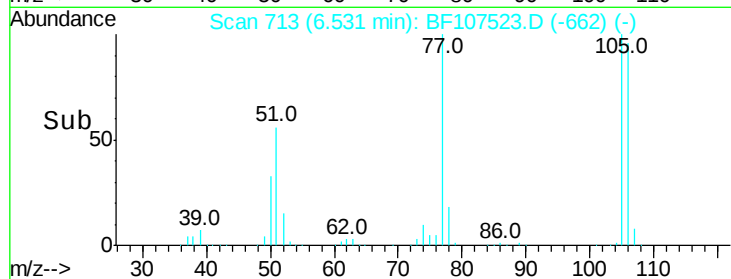
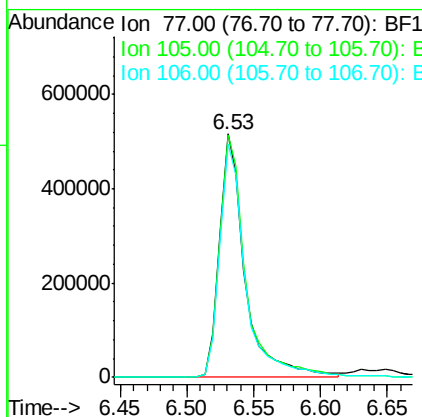
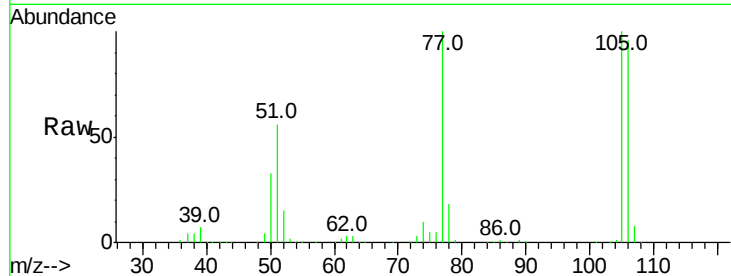




#9
Benzaldehyde
Concen: 30.648 ng
RT: 6.53 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

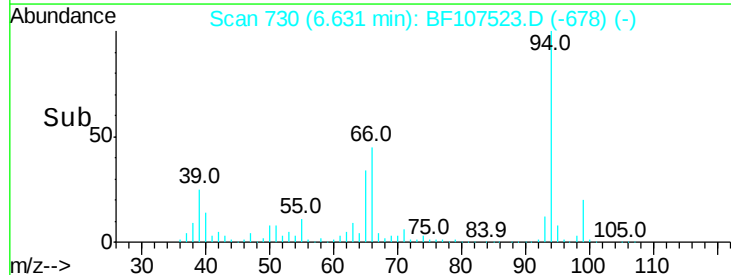
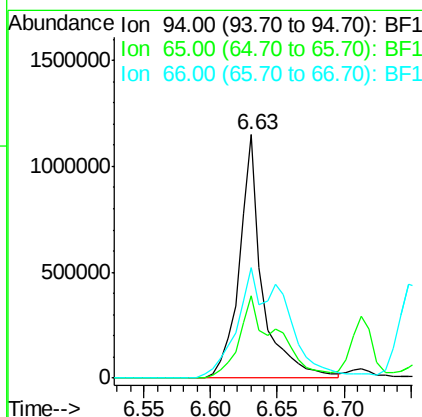
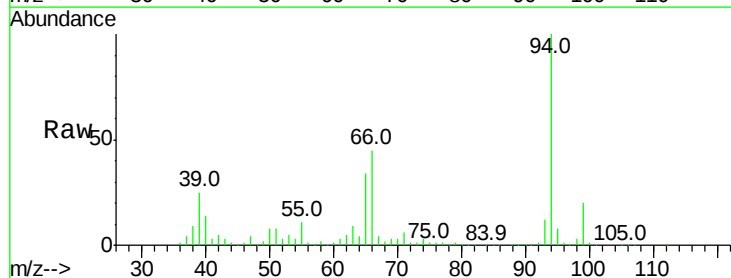
Instrument :
BNA_F
ClientSampleId :

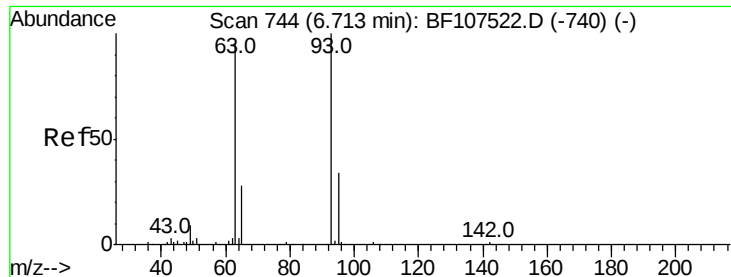
Tot Ion: 77 Resp: 701959
Ion Ratio Lower Upper
77 100
105 99.5 81.1 121.1
106 95.7 74.5 114.5



#10
Phenol
Concen: 45.350 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion: 94 Resp: 1384287
Ion Ratio Lower Upper
94 100
65 33.9 7.9 47.9
66 45.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 48.656 ng

RT: 6.71 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampleId :

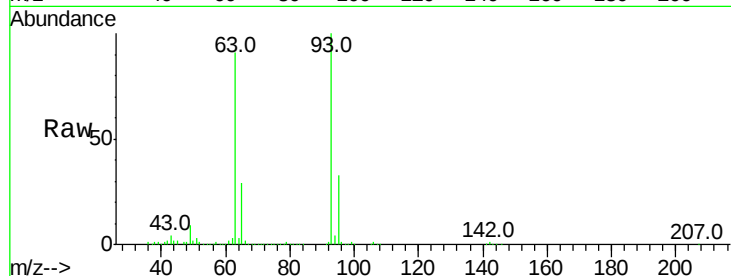
Tot Ion: 93 Resp: 1212013

Ion Ratio Lower Upper

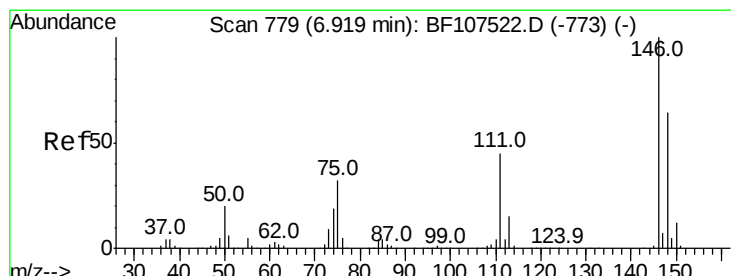
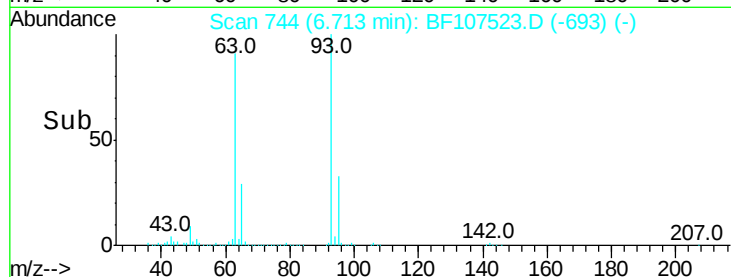
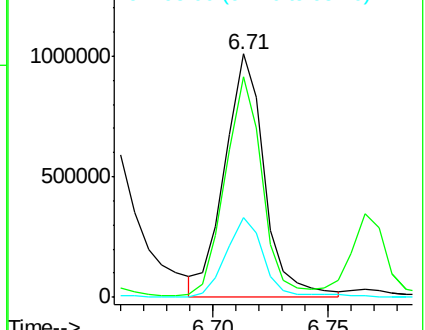
93 100

63 90.7 58.6 98.6

95 32.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 44.812 ng

RT: 6.92 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

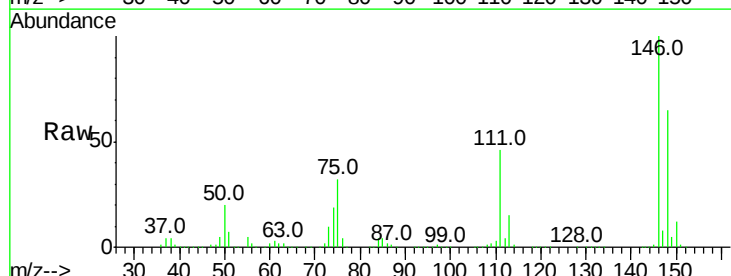
Tgt Ion: 146 Resp: 1211665

Ion Ratio Lower Upper

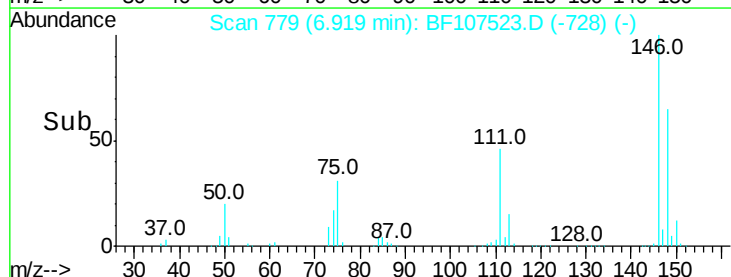
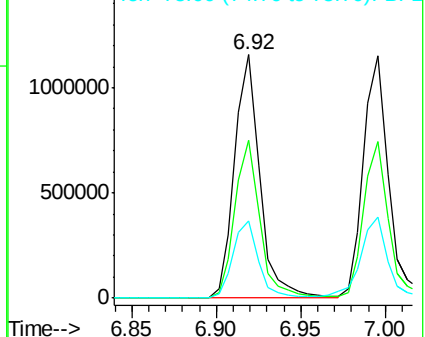
146 100

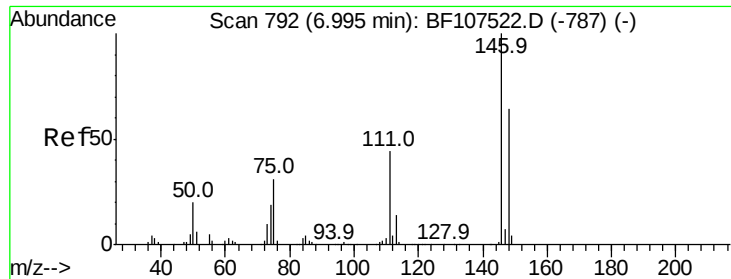
148 64.7 51.8 77.8

75 31.6 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

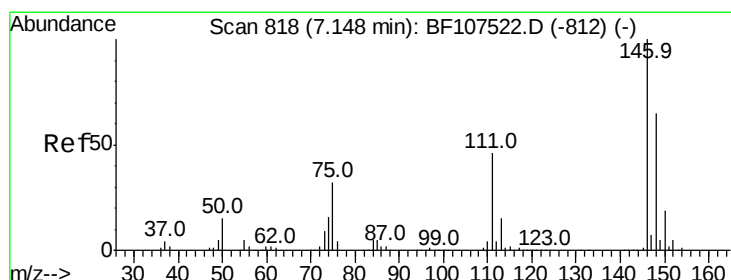
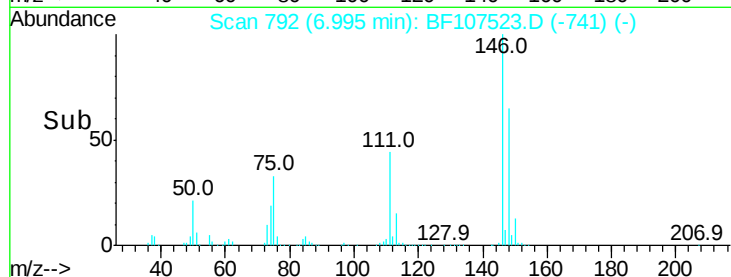
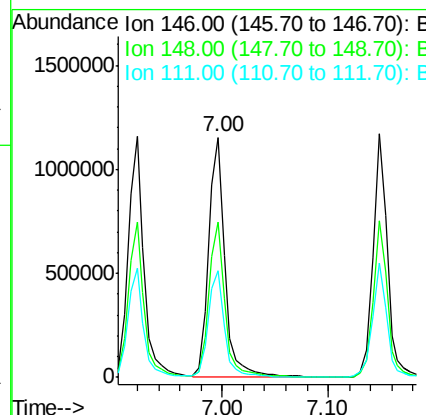
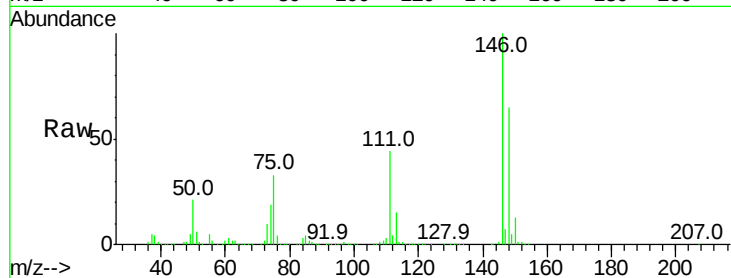




#13
 1,4-Dichlorobenzene
 Concen: 46.062 ng
 RT: 7.00 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

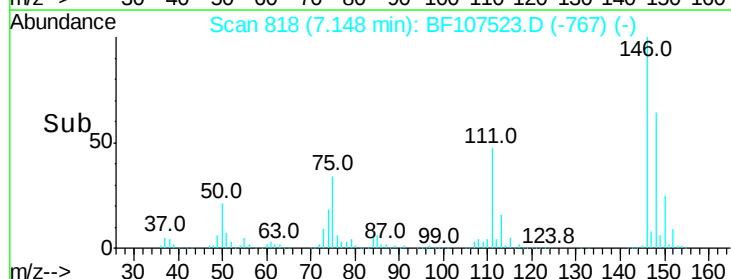
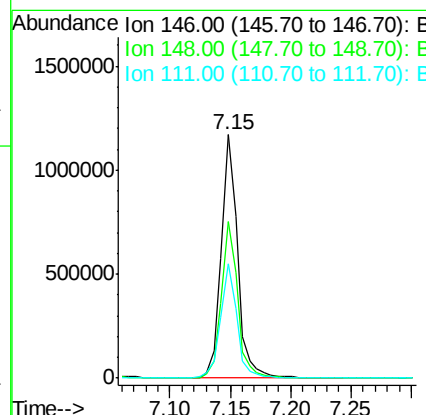
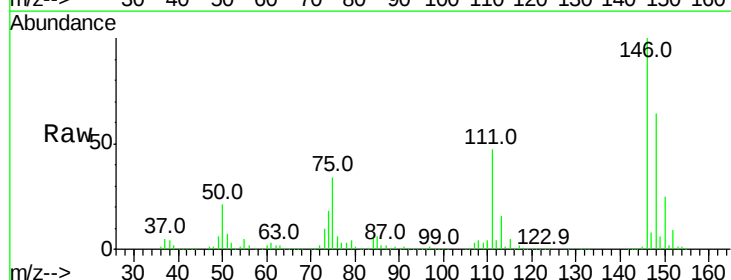
Instrument :
 BNA_F
 ClientSampleId :

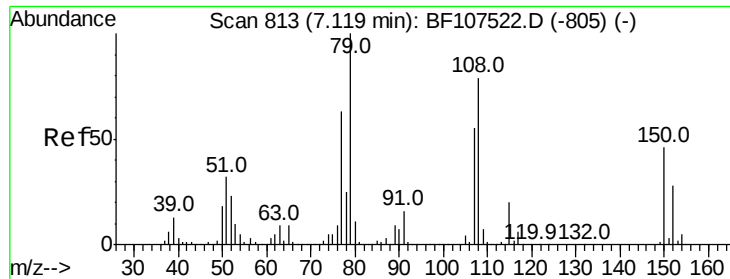
Tot Ion:146 Resp: 1234597
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 44.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.112 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Tgt Ion:146 Resp: 1081203
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 46.7 36.0 54.0

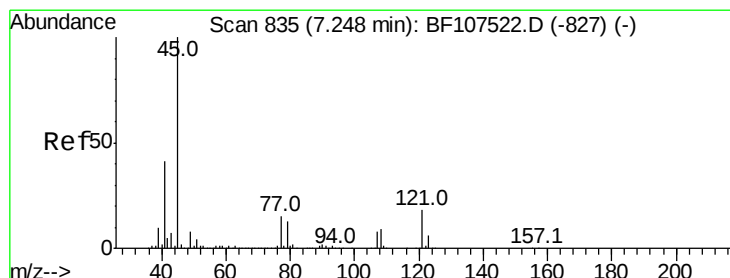
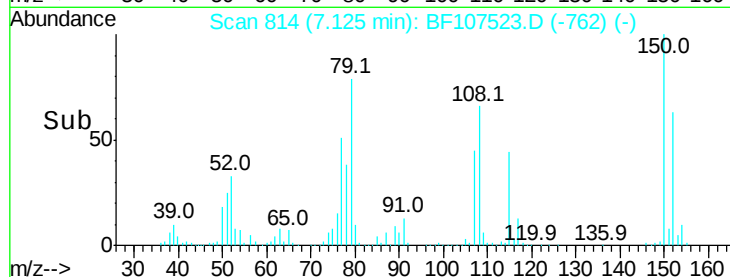
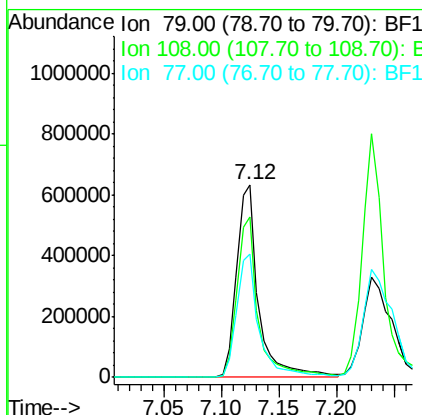
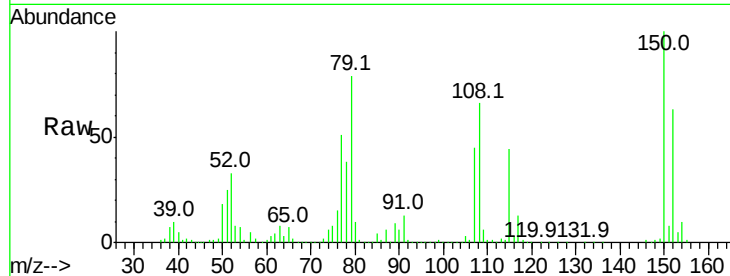




#15
Benzyl Alcohol
Concen: 29.317 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

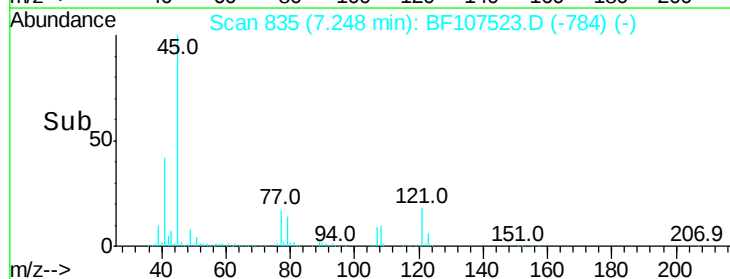
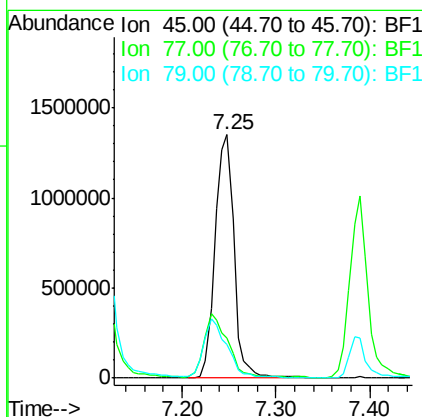
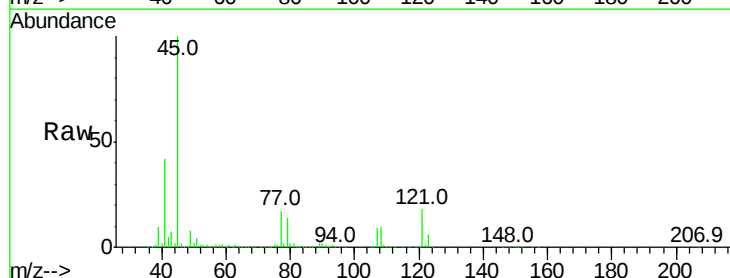
Instrument :
BNA_F
ClientSampled :

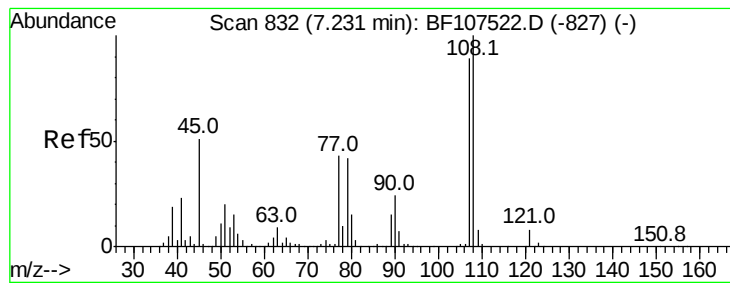
Tot Ion: 79 Resp: 838282
Ion Ratio Lower Upper
79 100
108 83.3 65.1 97.7
77 64.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.347 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion: 45 Resp: 1923101
Ion Ratio Lower Upper
45 100
77 16.6 0.0 32.9
79 14.1 0.0 29.6

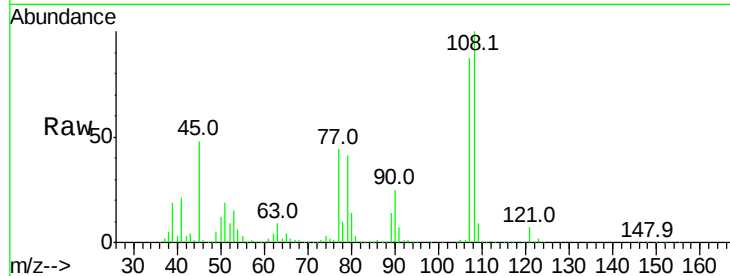




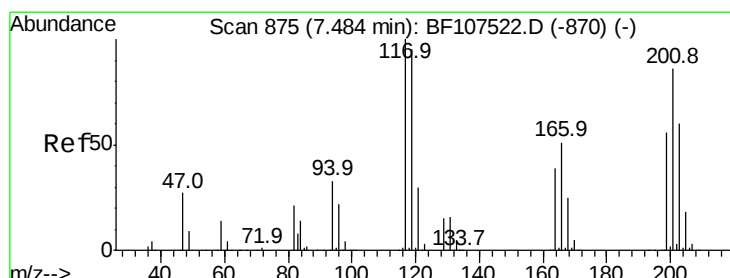
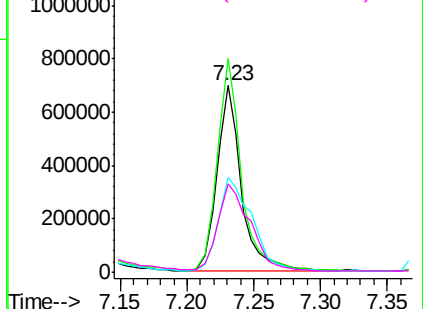
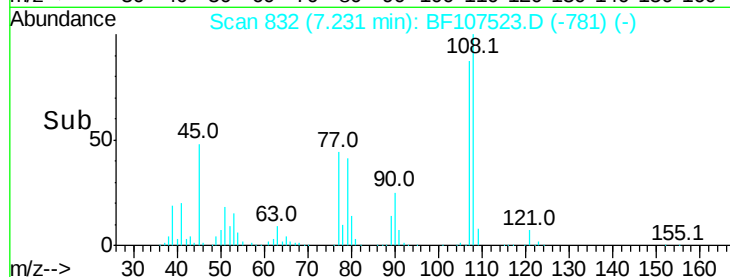
#17
2-Methylphenol
Concen: 42.382 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 897441
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 50.8 33.8 50.8#
79 47.3 33.8 50.8

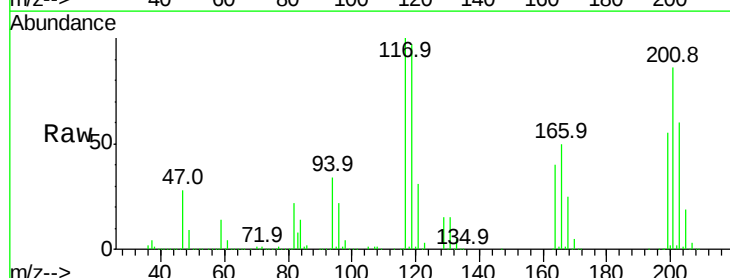


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

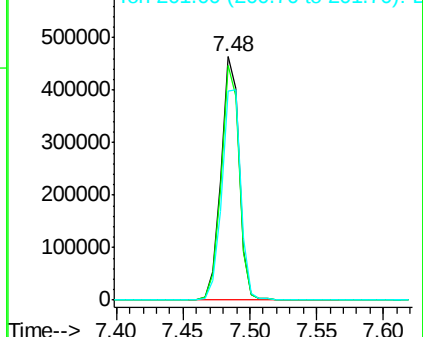
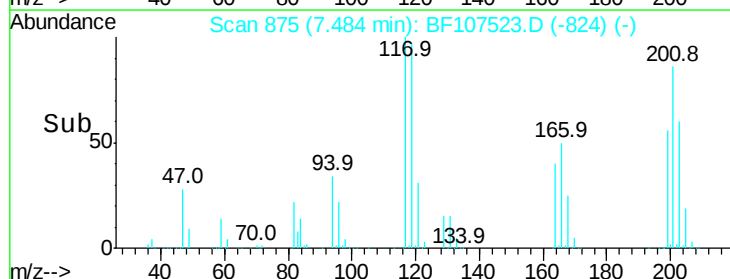


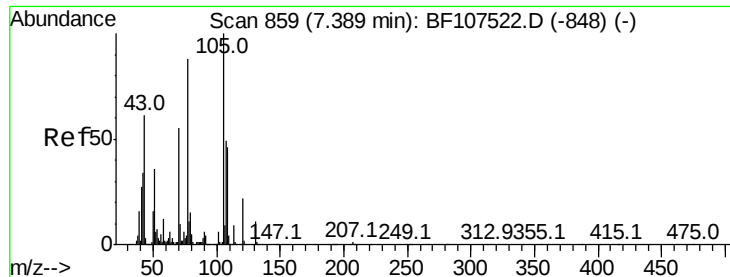
#18
Hexachloroethane
Concen: 44.946 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:117 Resp: 448246
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 86.0 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

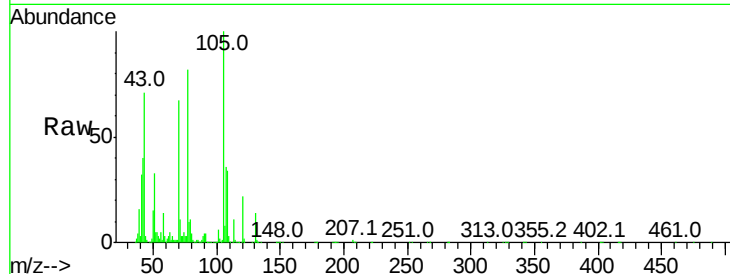




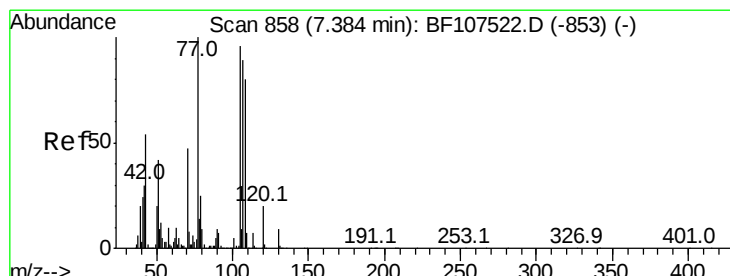
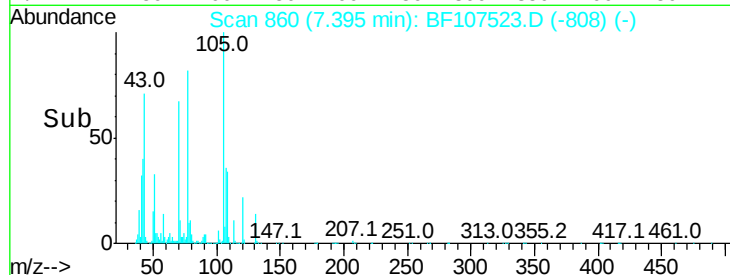
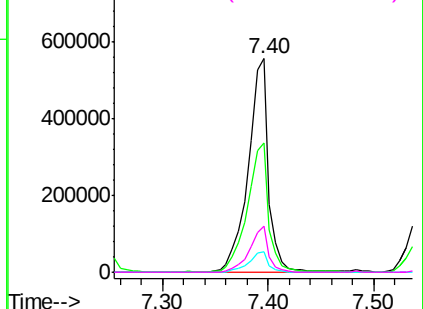
#19
n-Nitroso-di-n-propylamine
Concen: 36.935 ng
RT: 7.40 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 752949
Ion Ratio Lower Upper
70 100
42 60.4 47.5 71.3
101 9.6 7.4 11.2
130 21.3 16.6 25.0



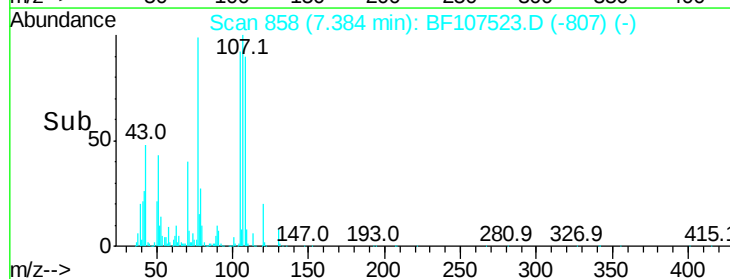
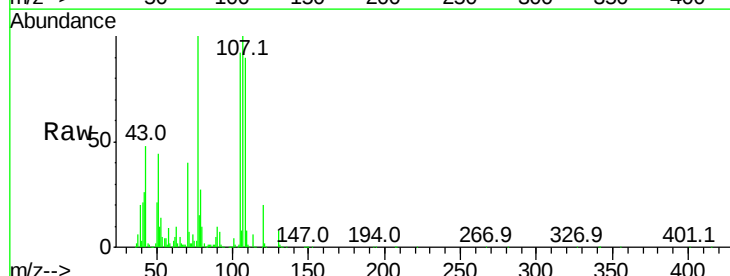
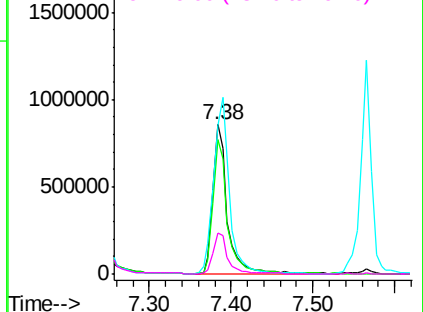
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

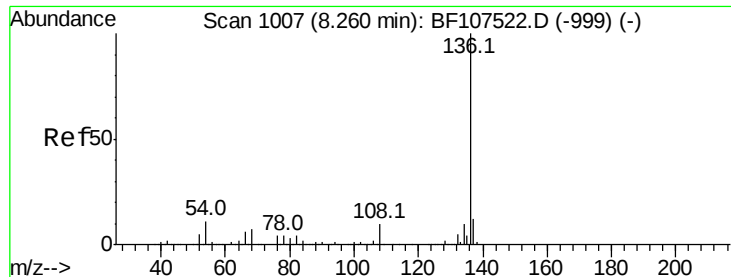


#20
3+4-Methylphenols
Concen: 38.814 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion: 107 Resp: 1044019
Ion Ratio Lower Upper
107 100
108 90.1 68.2 108.2
77 99.5 26.7 66.7#
79 27.1 6.3 46.3

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

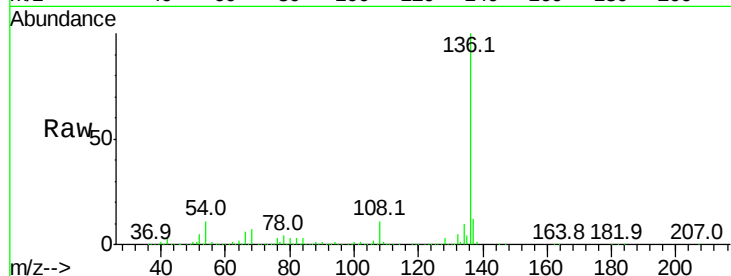




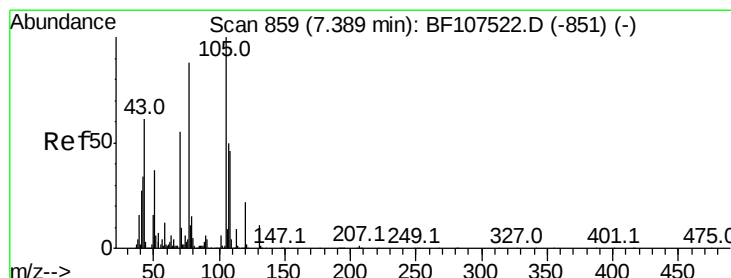
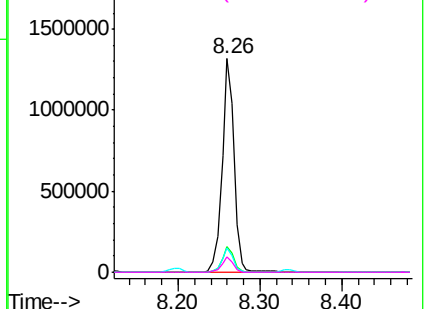
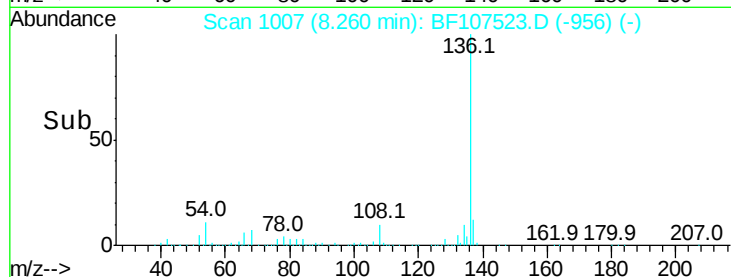
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1342957
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

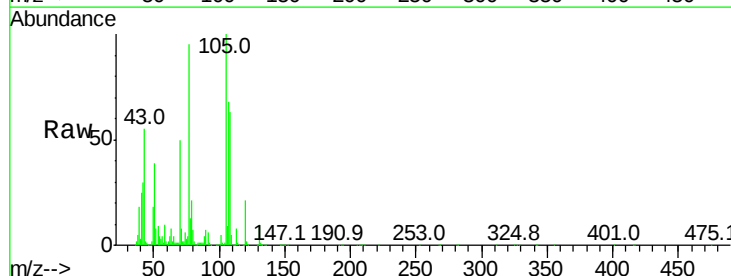


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

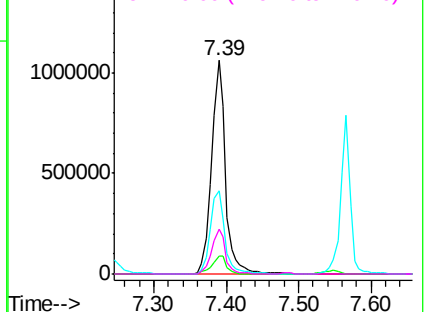
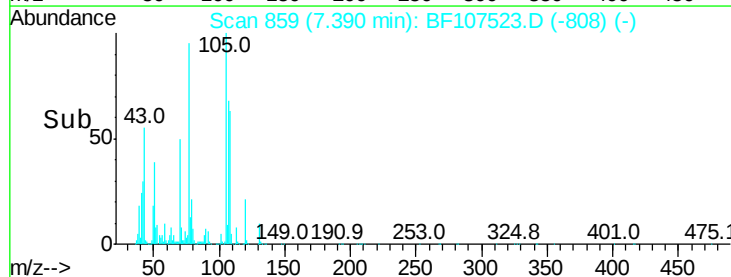


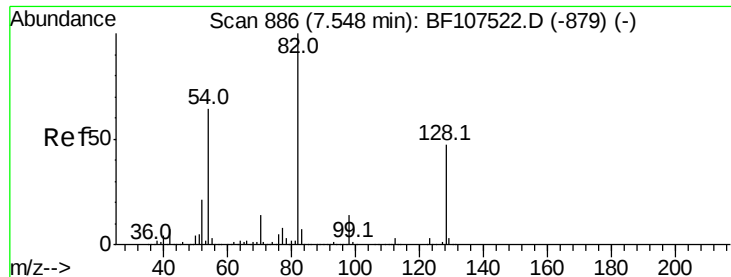
#22
Acetophenone
Concen: 38.361 ng
RT: 7.39 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt	Ion:105	Resp:	1415460
Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.4	6.6#
51	38.9	22.3	33.5#
120	21.3	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

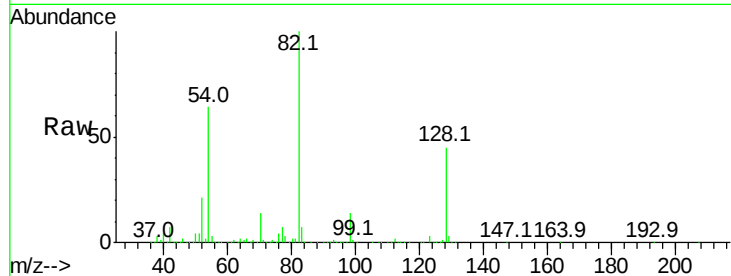




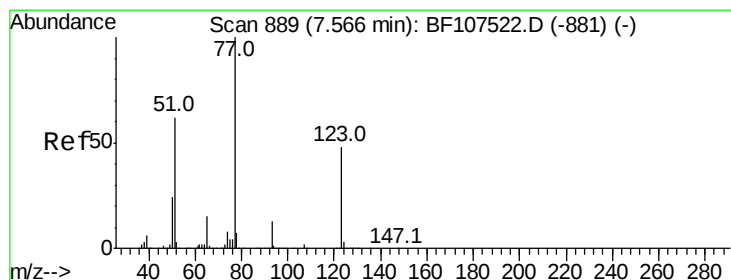
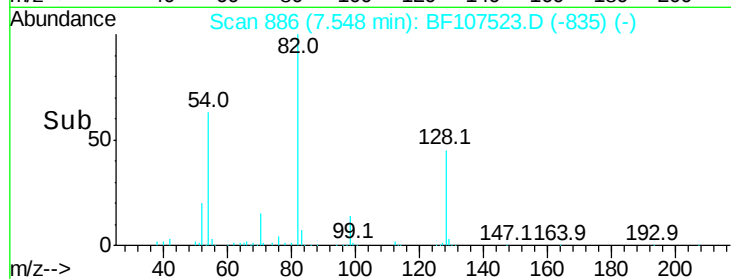
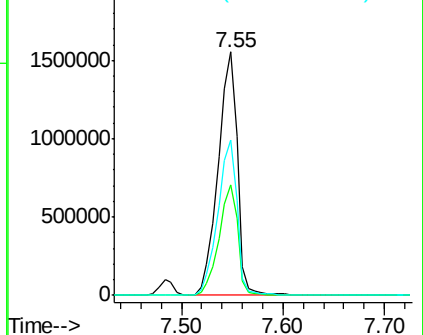
#23
Nitrobenzene-d5
Concen: 81.619 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2055551
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 63.9 41.4 62.2#

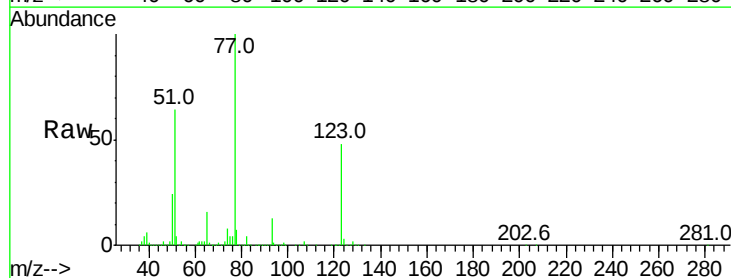


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

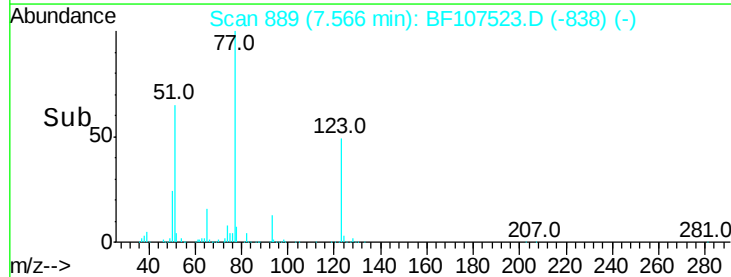
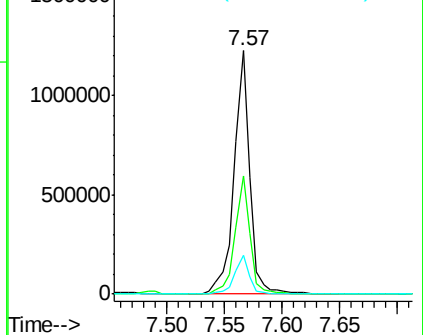


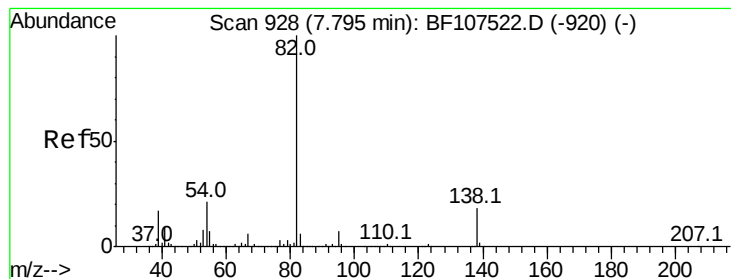
#24
Nitrobenzene
Concen: 40.155 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion: 77 Resp: 1136501
Ion Ratio Lower Upper
77 100
123 48.3 37.9 56.9
65 16.0 11.0 16.4



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





#25

Isophorone

Concen: 40.653 ng

RT: 7.80 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampleId :

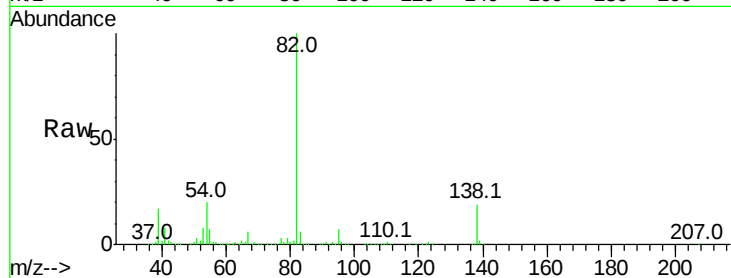
Tot Ion: 82 Resp: 2029383

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

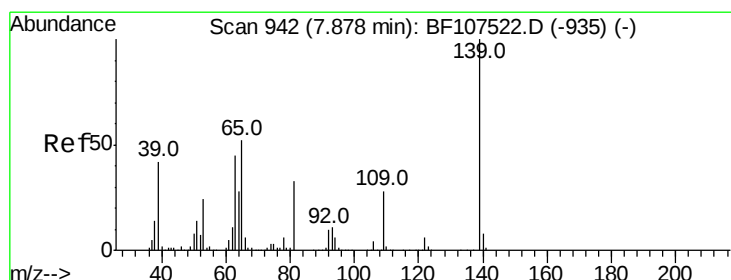
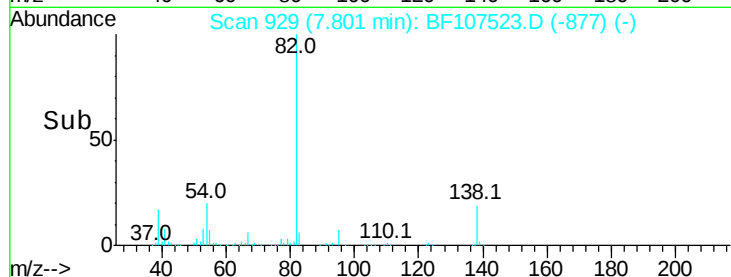
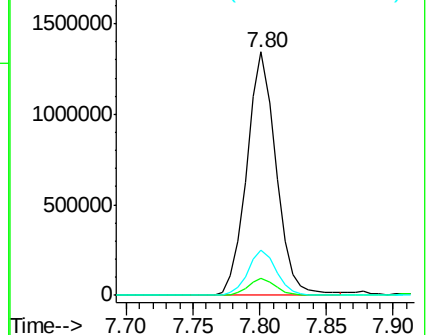
138 18.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.378 ng

RT: 7.88 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

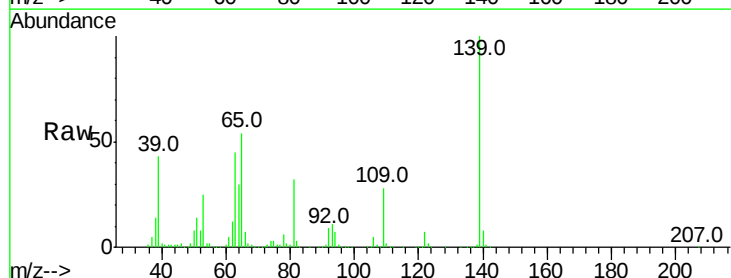
Tgt Ion: 139 Resp: 532784

Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

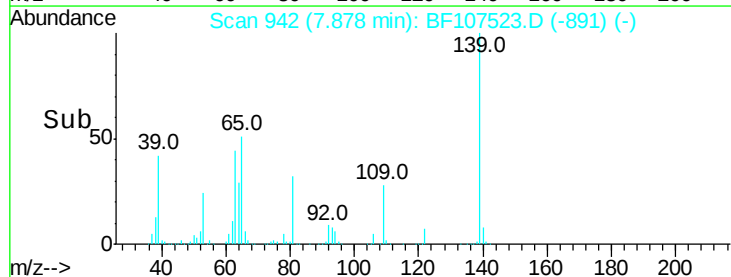
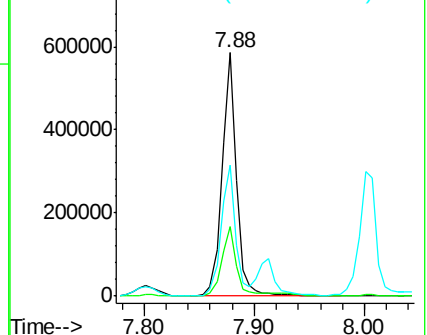
65 53.5 40.5 60.7

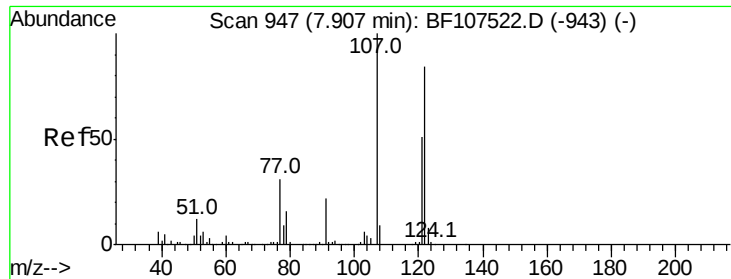


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.843 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampleId :

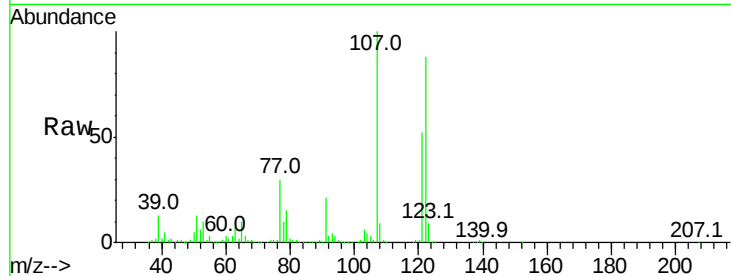
Tot Ion:122 Resp: 879604

Ion Ratio Lower Upper

122 100

107 113.0 91.2 136.8

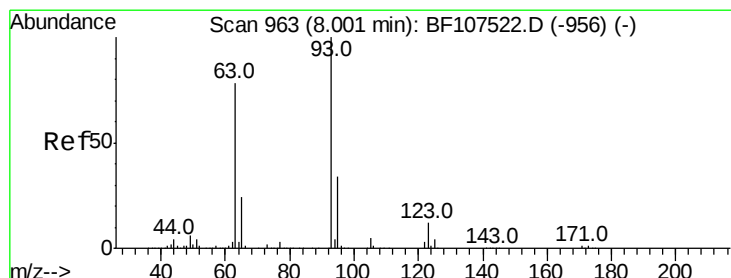
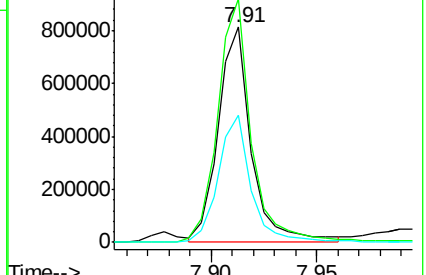
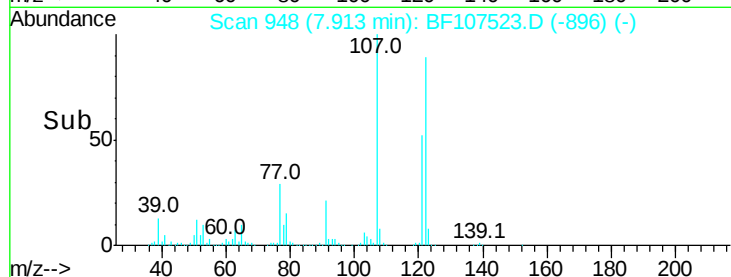
121 58.8 47.2 70.8



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: 42.815 ng

RT: 8.01 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

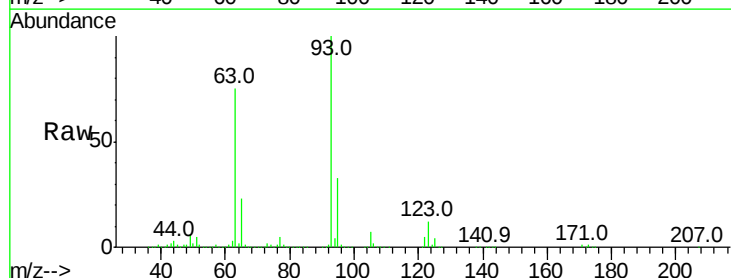
Tgt Ion: 93 Resp: 1338528

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

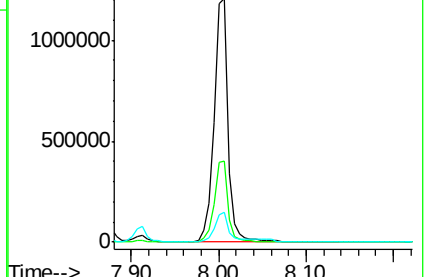
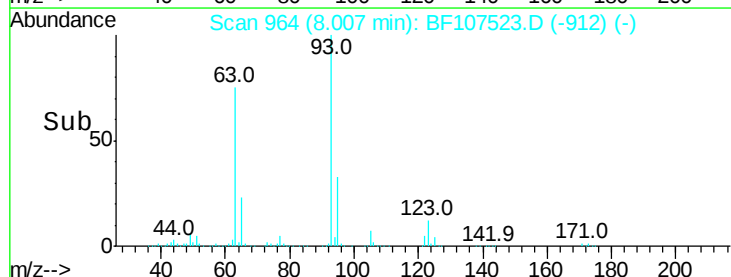
123 12.1 9.8 14.6

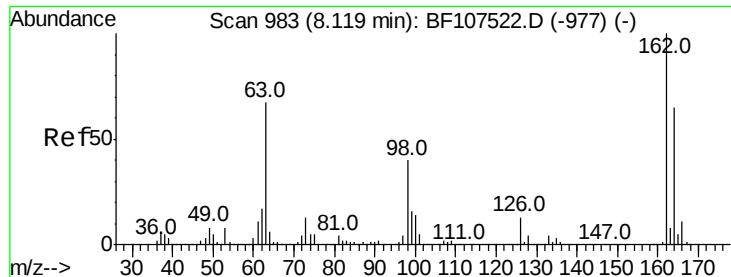


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

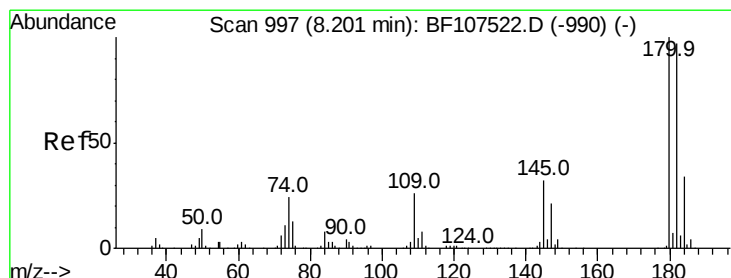
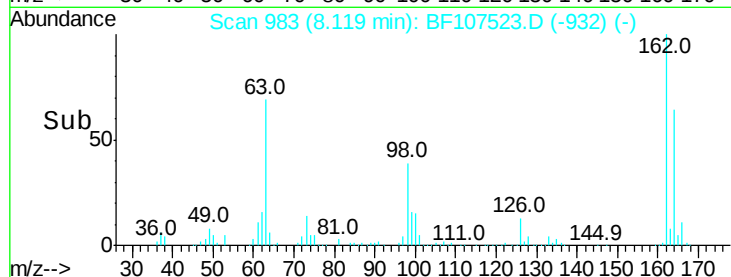
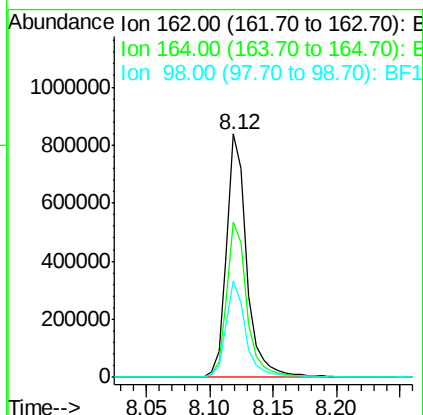
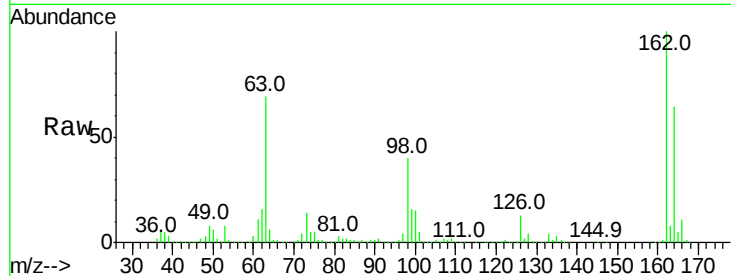




#29
 2,4-Dichlorophenol
 Concen: 44.449 ng
 RT: 8.12 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

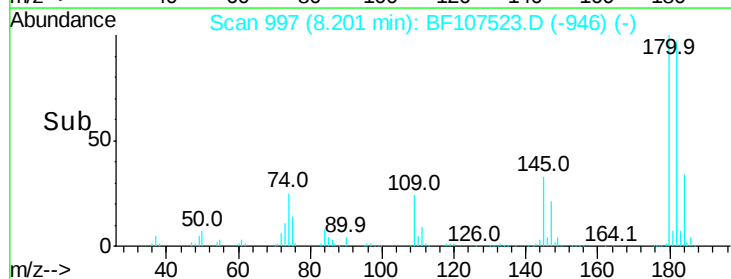
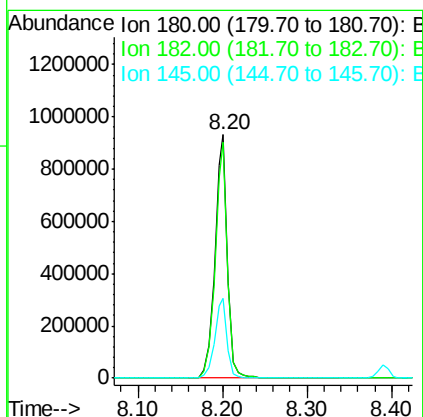
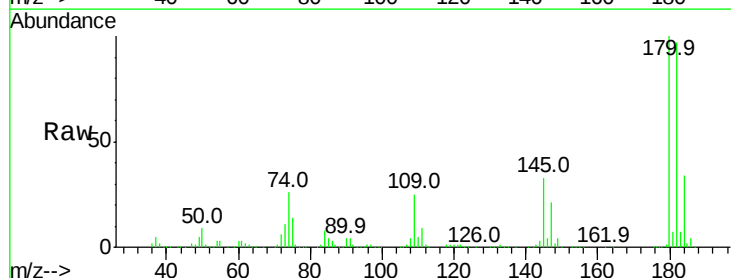
Instrument :
 BNA_F
 ClientSampleId :

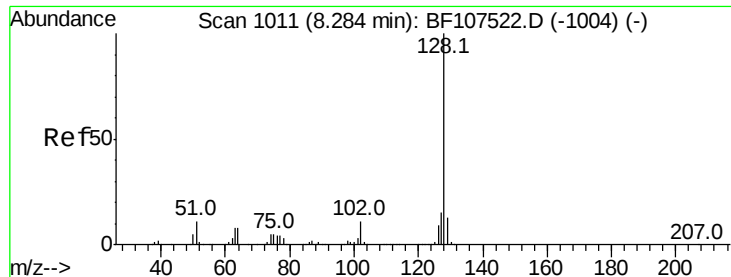
Tot Ion:162 Resp: 928004
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.7 82.7
 98 39.5 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.817 ng
 RT: 8.20 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Tgt Ion:180 Resp: 981363
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.8 115.2
 145 32.5 26.5 39.7

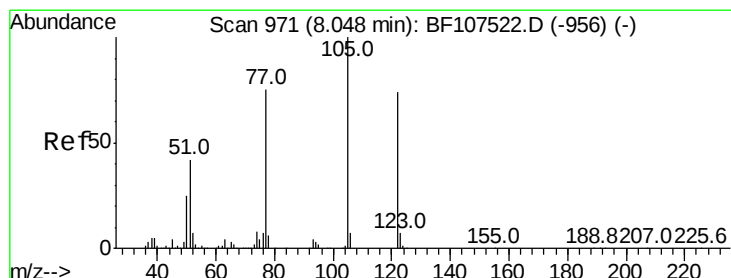
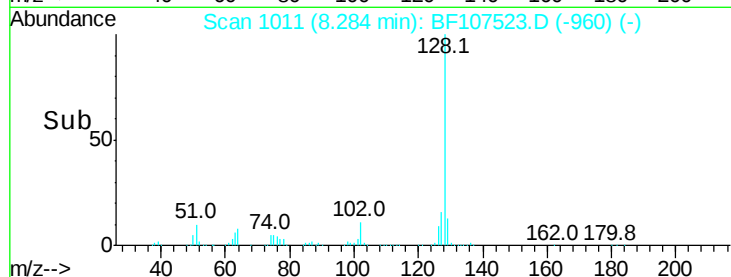
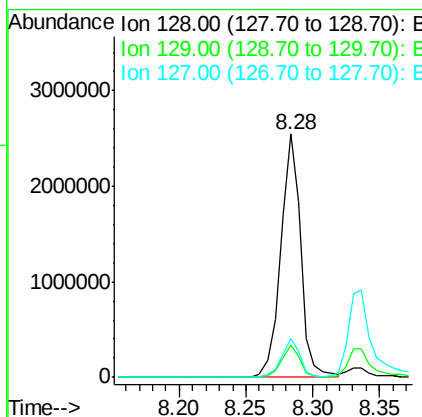
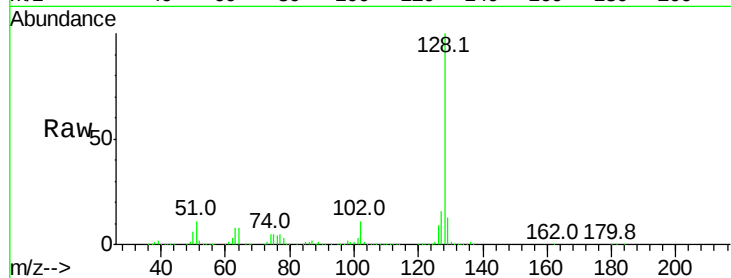




#31
Naphthalene
Concen: 41.038 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

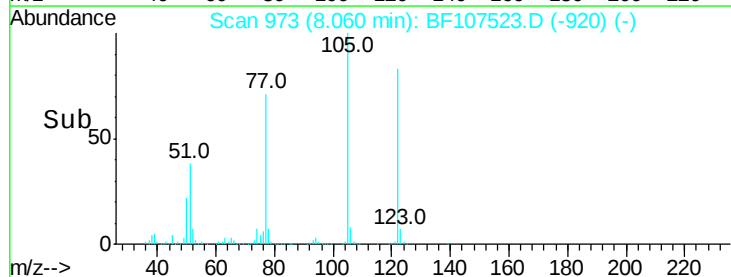
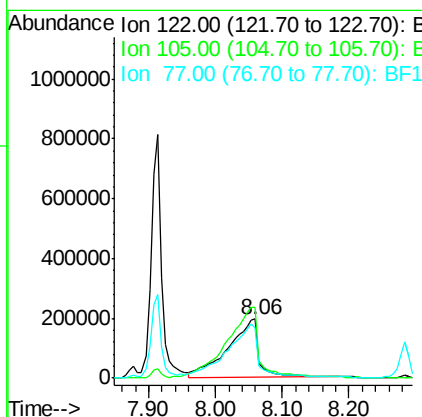
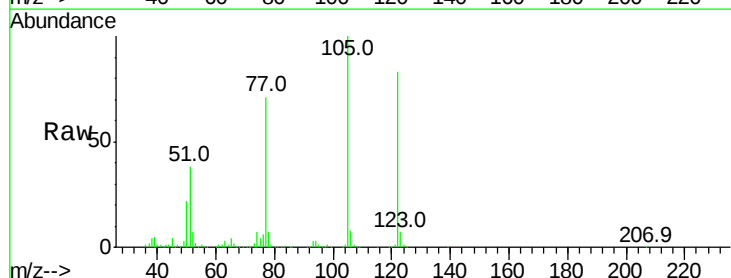
Instrument :
BNA_F
ClientSampleId :

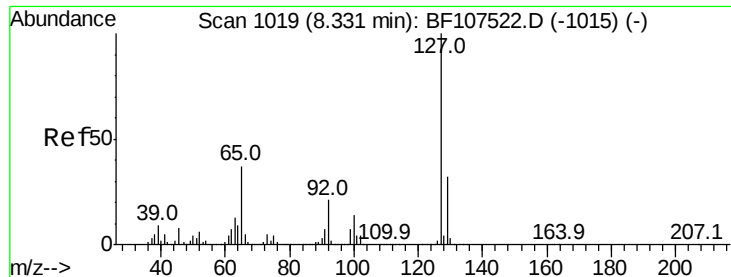
Tot Ion:128 Resp: 2677002
Ion Ratio Lower Upper
128 100
129 13.3 8.8 13.2#
127 16.0 10.9 16.3



#32
Benzoic acid
Concen: 51.625 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:122 Resp: 635648
Ion Ratio Lower Upper
122 100
105 120.1 101.1 141.1
77 85.0 70.7 110.7

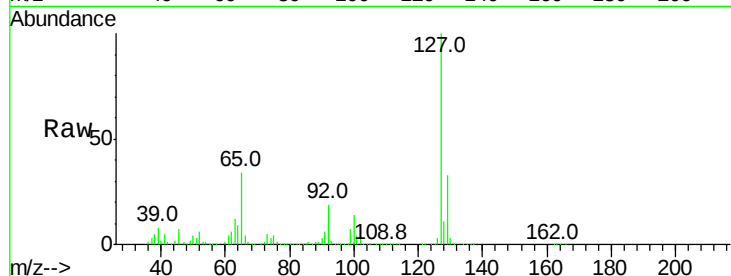




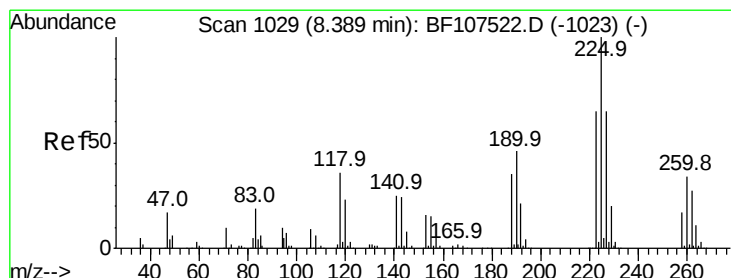
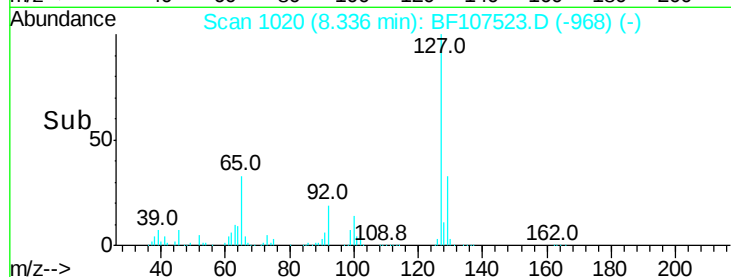
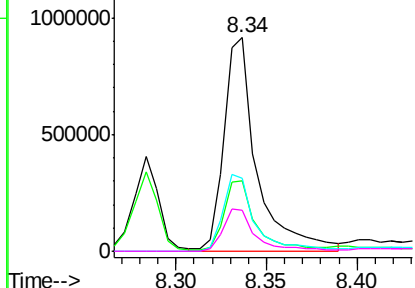
#33
4-Chloroaniline
Concen: 41.074 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1160365
Ion Ratio Lower Upper
127 100
129 33.3 25.9 38.9
65 34.2 25.0 37.4
92 19.3 15.2 22.8

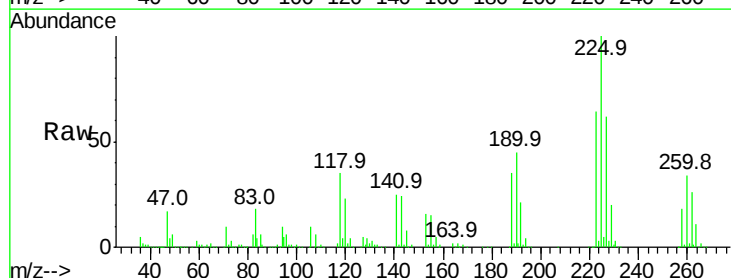


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

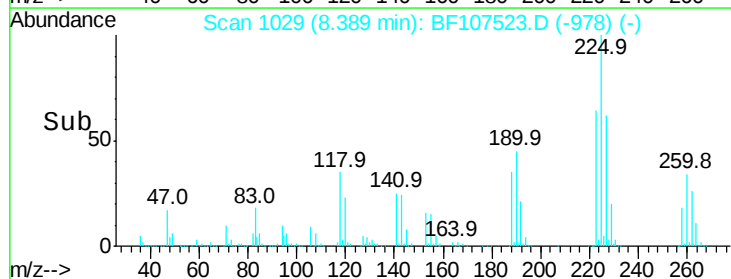
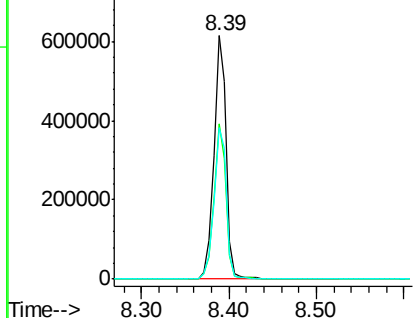


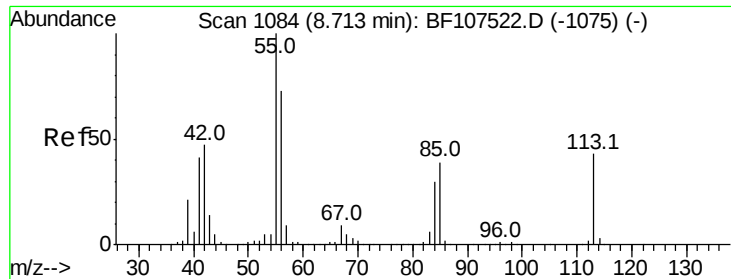
#34
Hexachlorobutadiene
Concen: 35.254 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:225 Resp: 596380
Ion Ratio Lower Upper
225 100
223 63.7 50.6 76.0
227 62.3 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

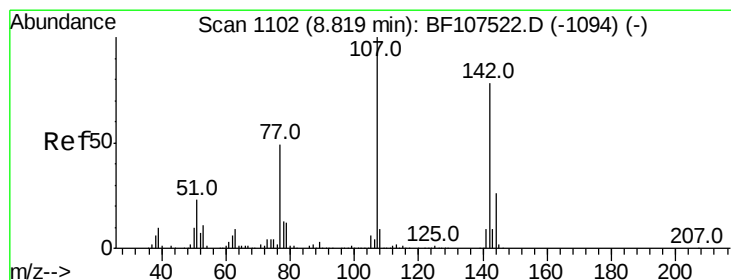
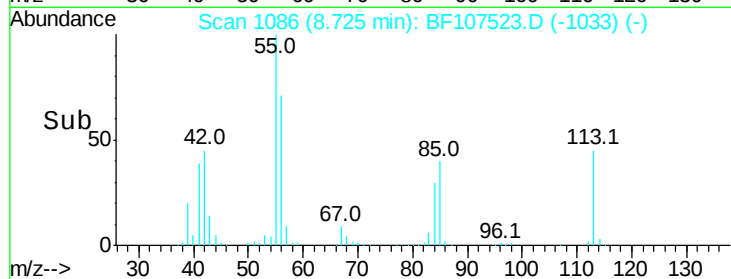
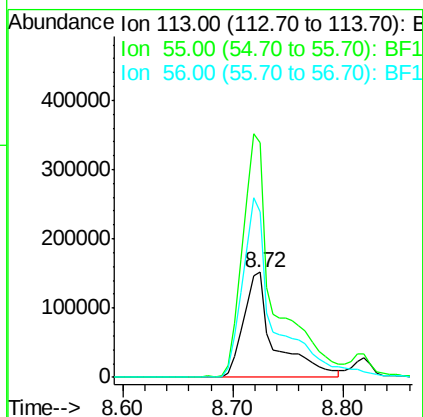
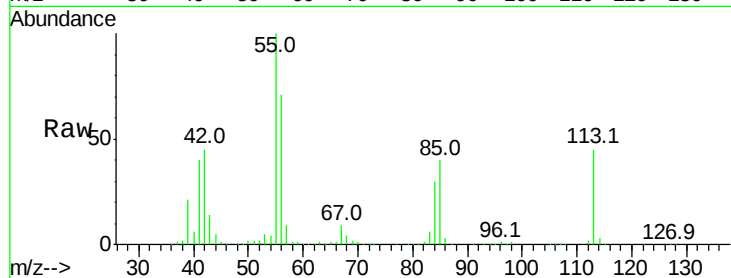




#35
Caprolactam
Concen: 44.320 ng
RT: 8.72 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

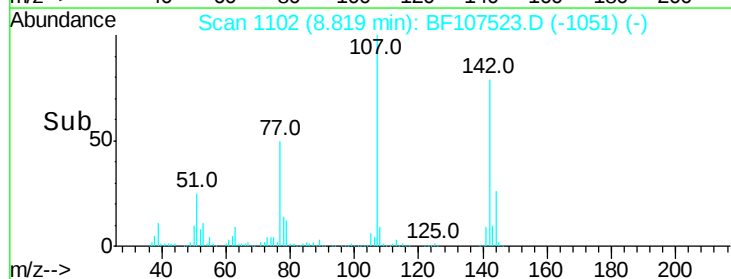
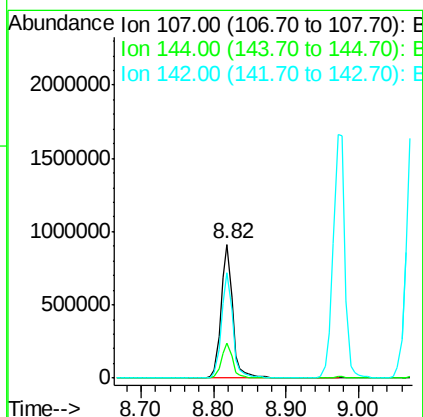
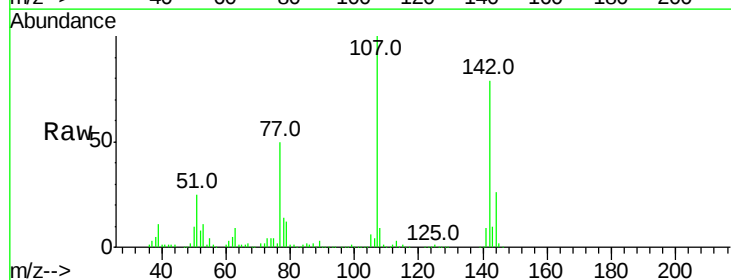
Instrument :
BNA_F
ClientSampleId :

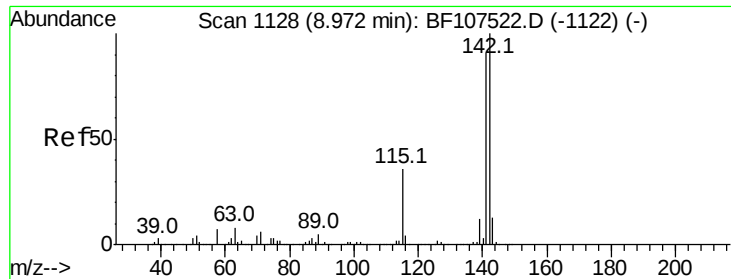
Tot Ion:113 Resp: 300992
Ion Ratio Lower Upper
113 100
55 223.5 163.3 203.3#
56 157.7 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 37.259 ng
RT: 8.82 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:107 Resp: 1016397
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 79.4 62.0 93.0

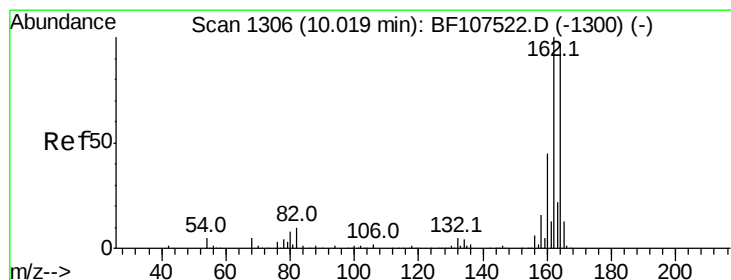
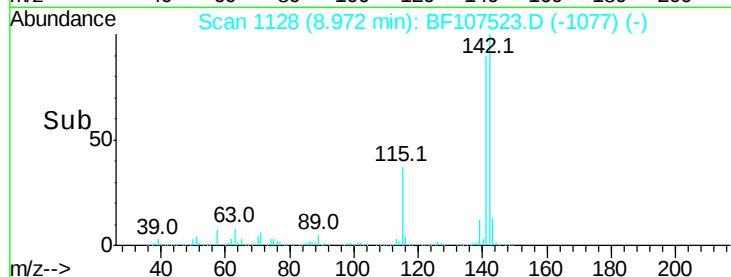
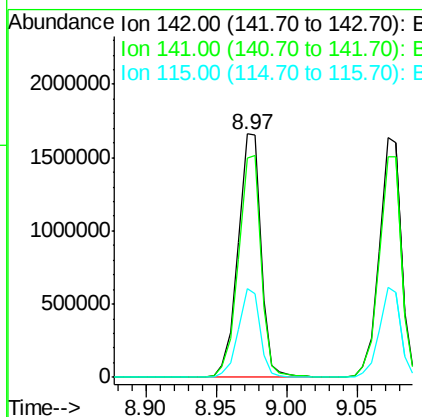
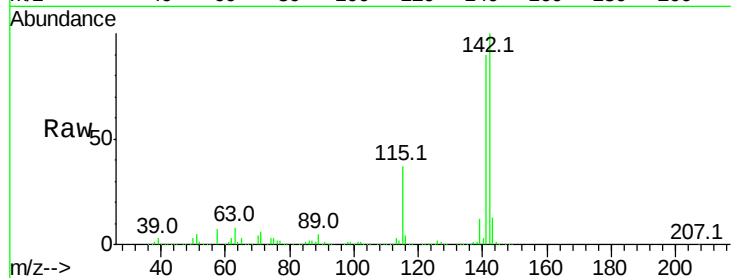




#37
2-Methylnaphthalene
Concen: 43.785 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

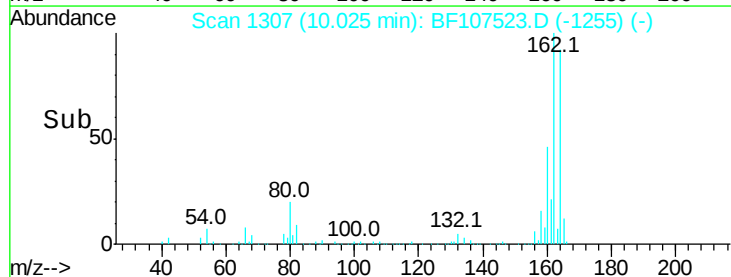
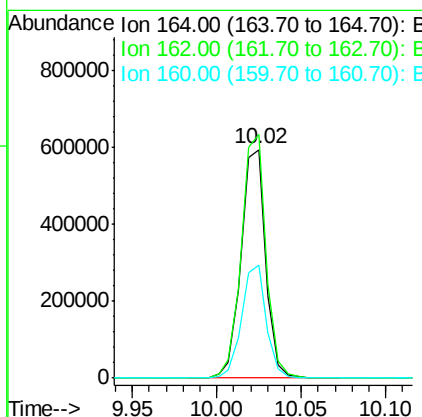
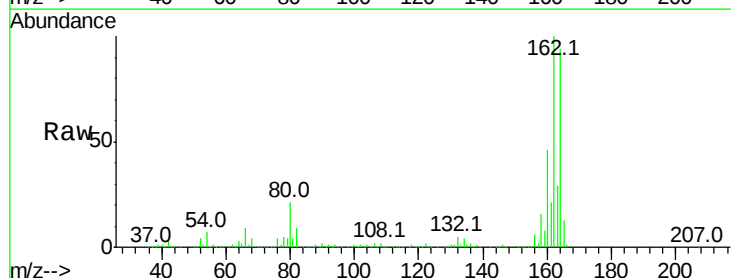
Instrument :
BNA_F
ClientSampleId :

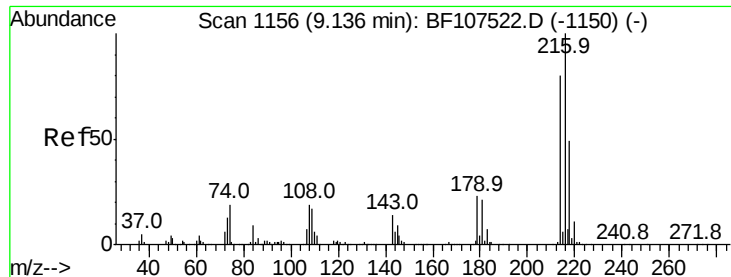
Tot Ion:142 Resp: 1882673
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2
115 36.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:164 Resp: 603994
Ion Ratio Lower Upper
164 100
162 106.7 86.1 129.1
160 49.4 38.3 57.5

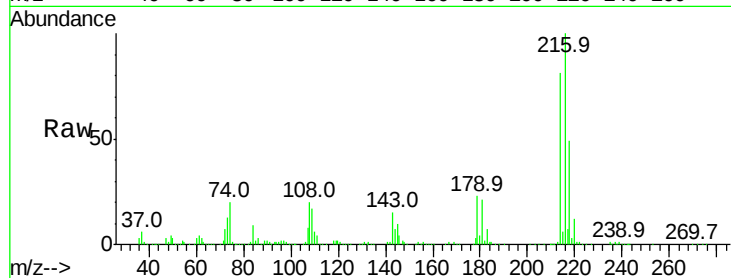




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.209 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	21.5	18.1	27.1
108	19.8	17.2	25.8

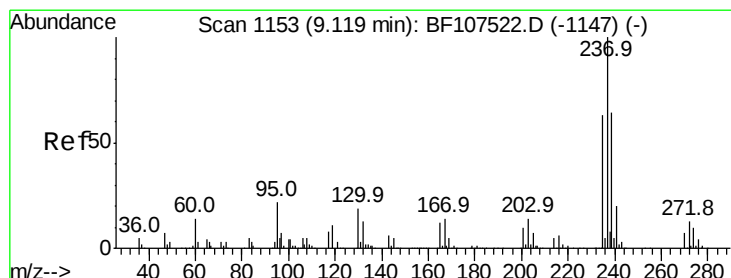
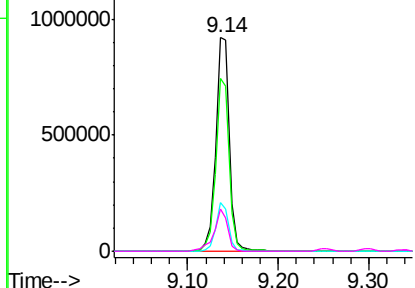
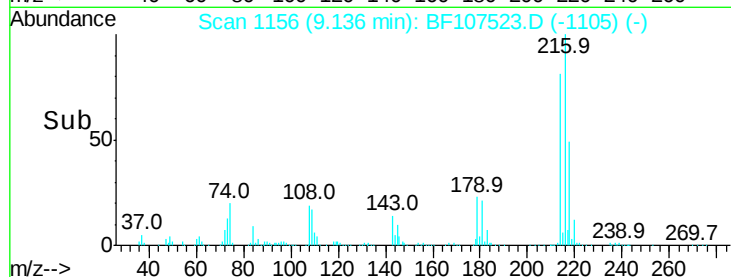


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

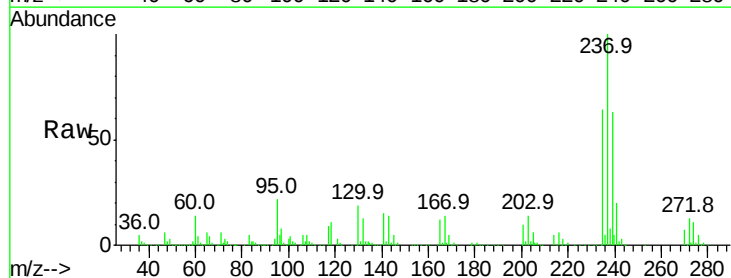
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 44.029 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

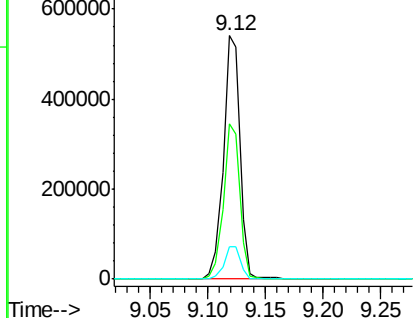
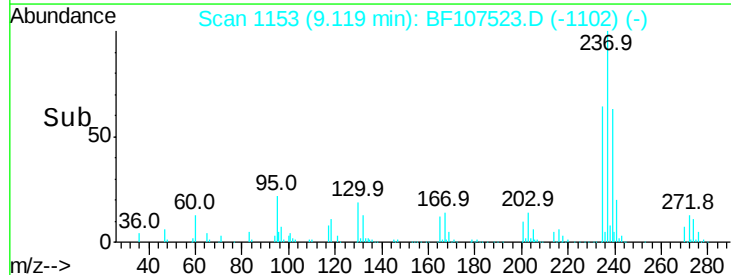
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.8	84.8
272	13.1	0.0	33.3

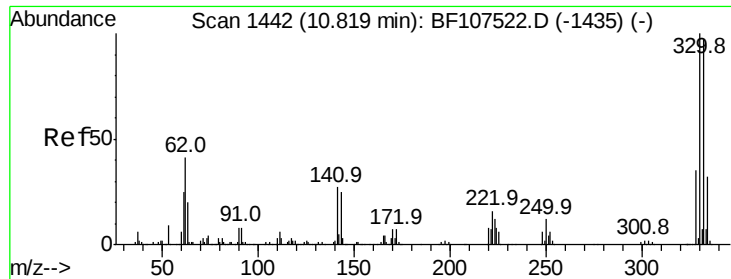


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

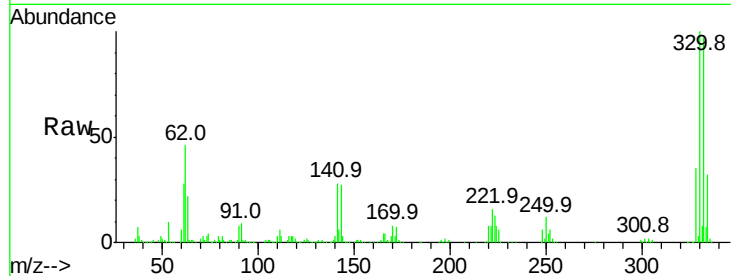




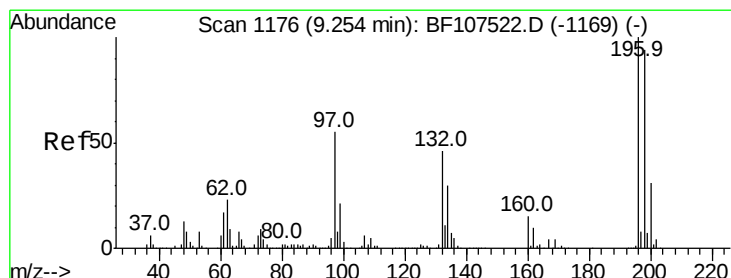
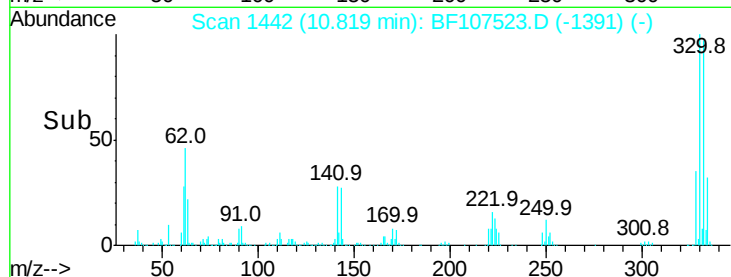
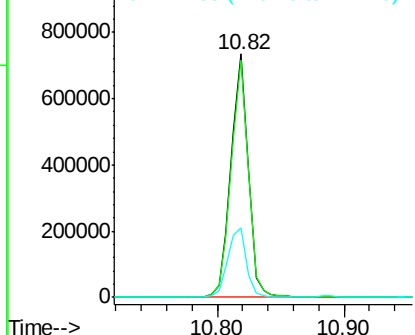
#41
 2,4,6-Tribromophenol
 Concen: 130.633 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	30.7	29.9	44.9

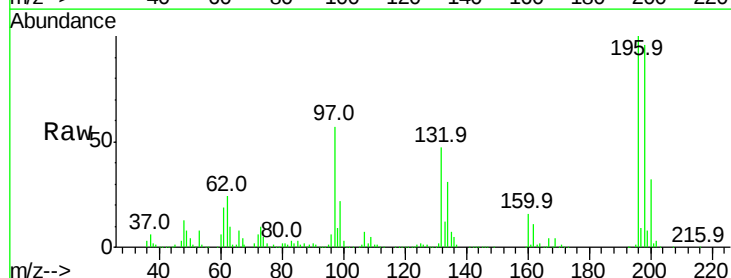


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

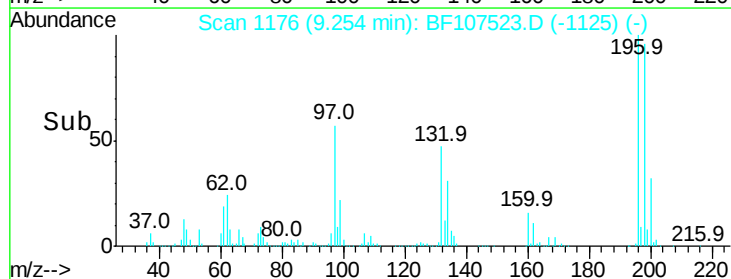
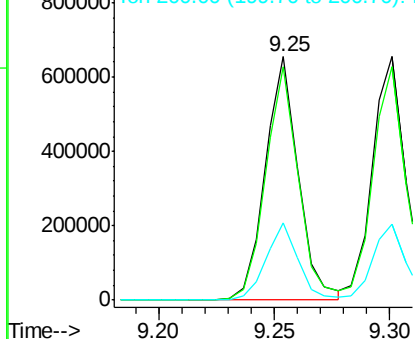


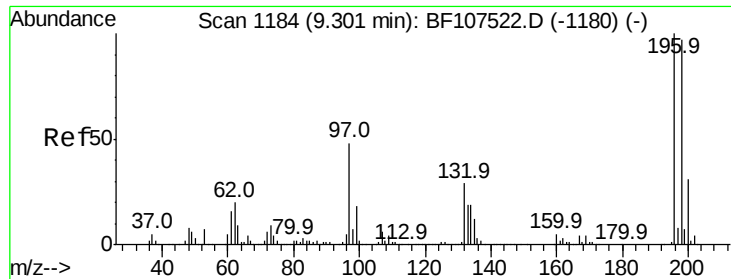
#42
 2,4,6-Trichlorophenol
 Concen: 44.274 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	31.6	24.5	36.7



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

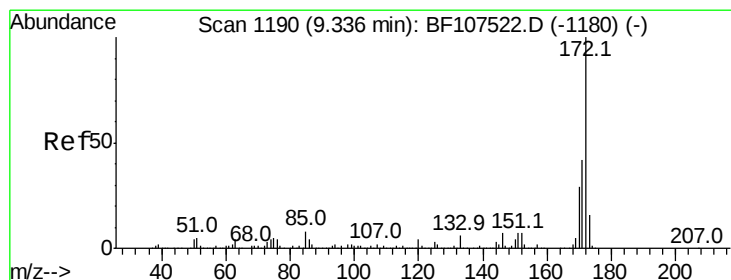
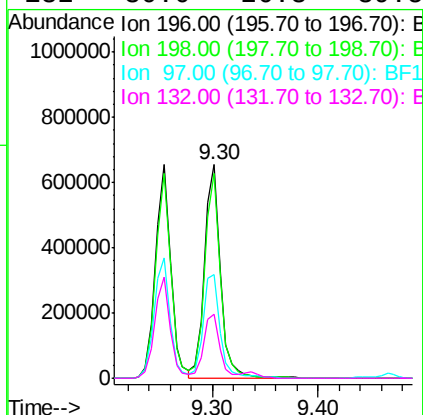
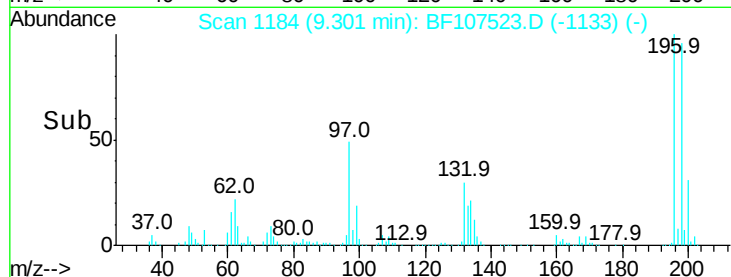
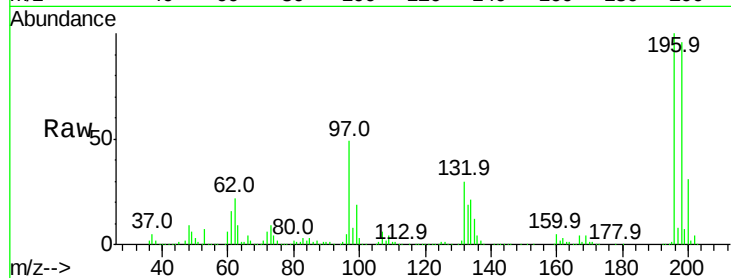




#43
 2,4,5-Trichlorophenol
 Concen: 48.800 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

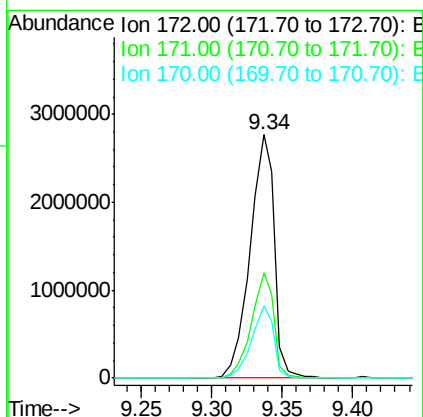
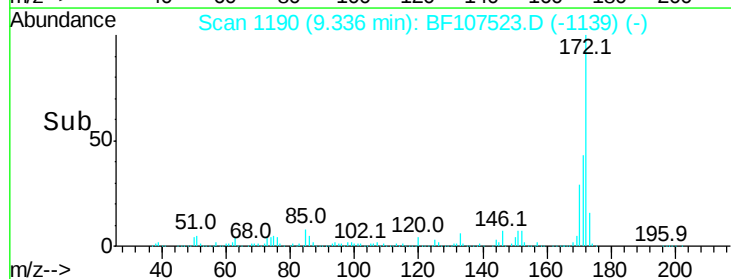
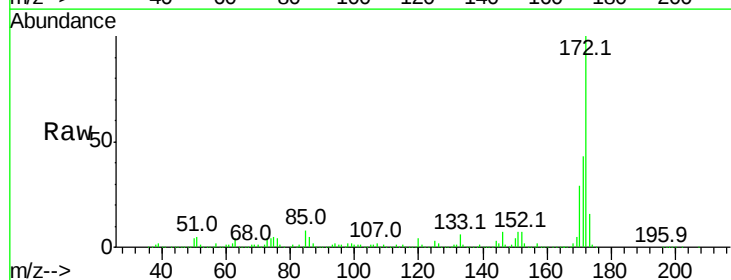
Instrument :
 BNA_F
 ClientSampleId :

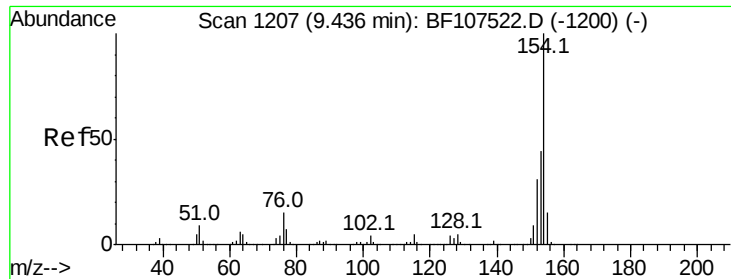
Tot Ion:	196	Resp:	684946
Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	48.8	42.9	64.3
132	30.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 79.695 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Tgt Ion:	172	Resp:	3349773
Ion	Ratio	Lower	Upper
172	100		
171	43.2	29.7	44.5
170	29.4	19.6	29.4





#45

1,1'-Biphenyl

Concen: 44.849 ng

RT: 9.44 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampleId :

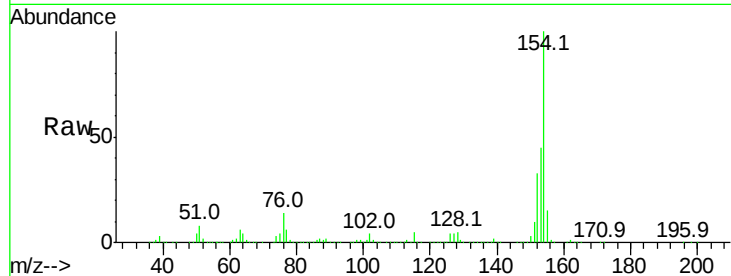
Tot Ion:154 Resp: 2342054

Ion Ratio Lower Upper

154 100

153 45.4 21.3 61.3

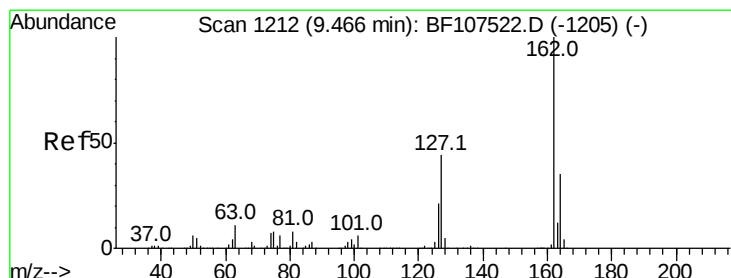
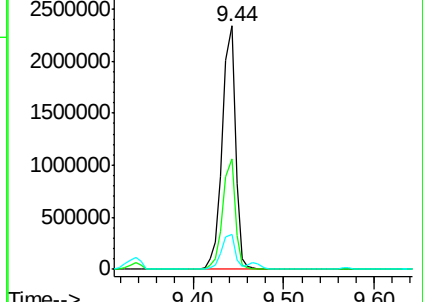
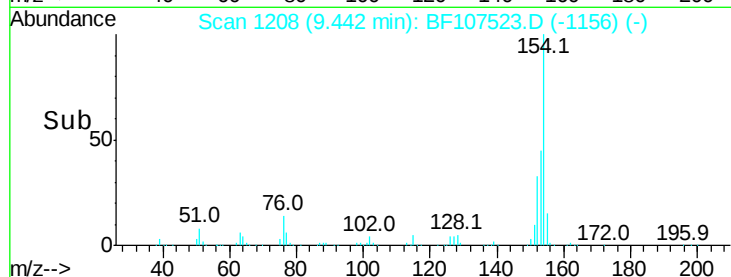
76 14.2 0.0 34.0



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: 44.575 ng

RT: 9.47 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

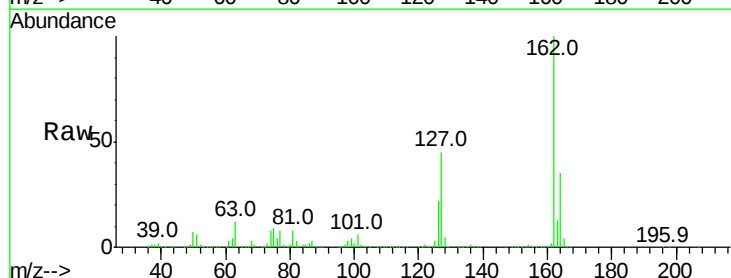
Tgt Ion:162 Resp: 1838528

Ion Ratio Lower Upper

162 100

127 45.0 33.9 50.9

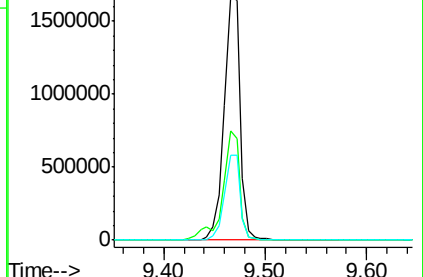
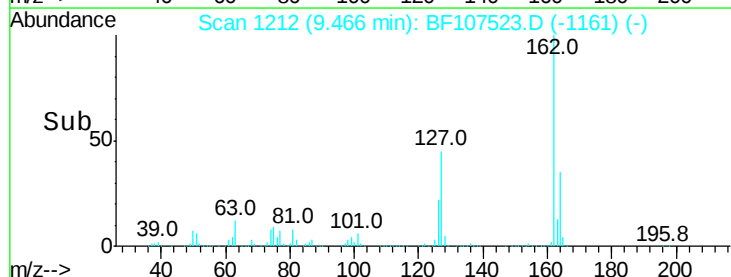
164 35.1 26.5 39.7

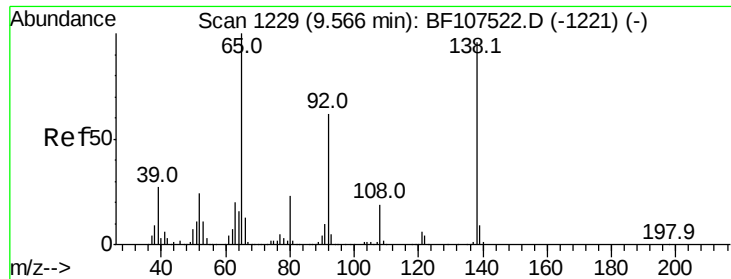


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.882 ng

RT: 9.57 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampleId :

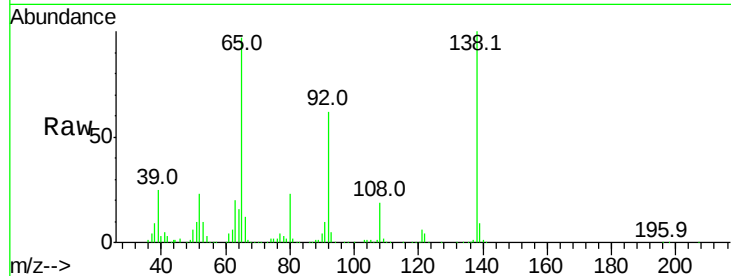
Tot Ion: 65 Resp: 642228

Ion Ratio Lower Upper

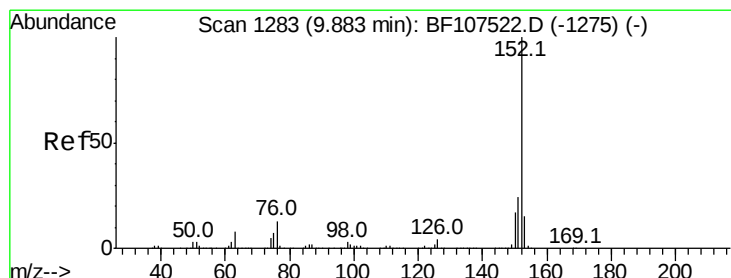
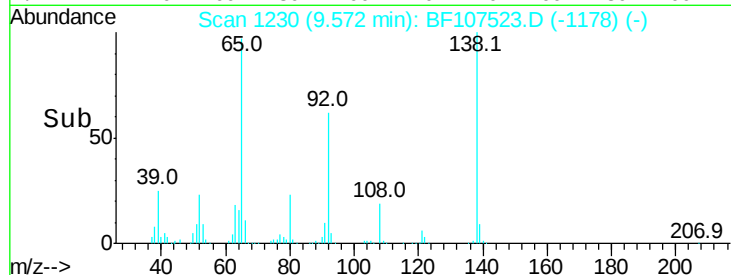
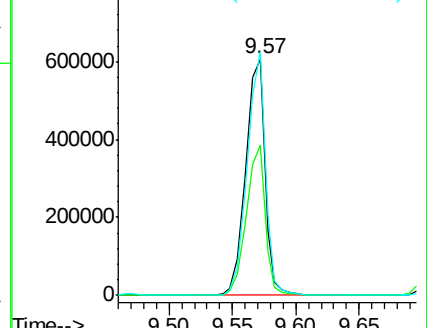
65 100

92 63.5 55.8 83.6

138 103.0 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 46.951 ng

RT: 9.88 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

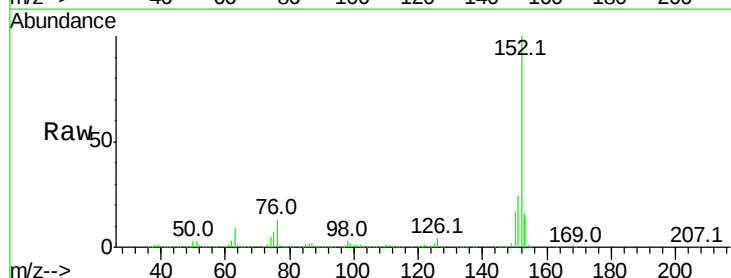
Tgt Ion: 152 Resp: 2702464

Ion Ratio Lower Upper

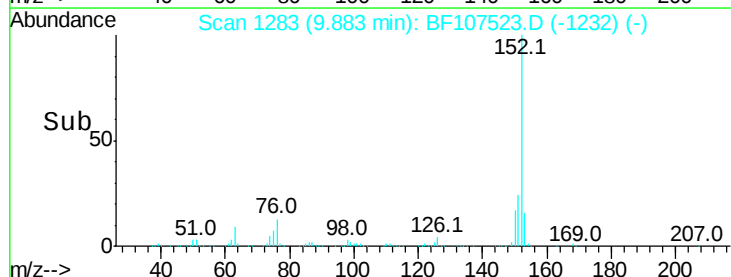
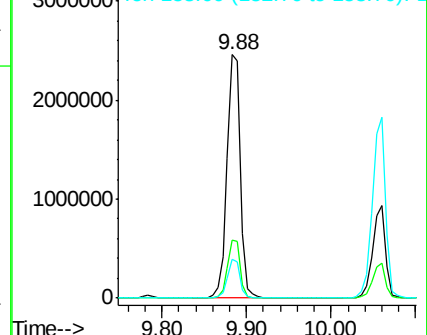
152 100

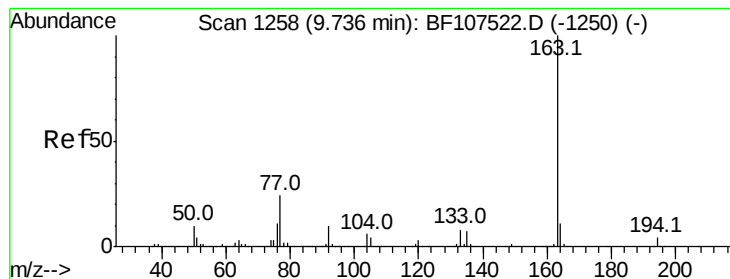
151 23.9 16.3 24.5

153 15.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 44.287 ng

RT: 9.74 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampled :

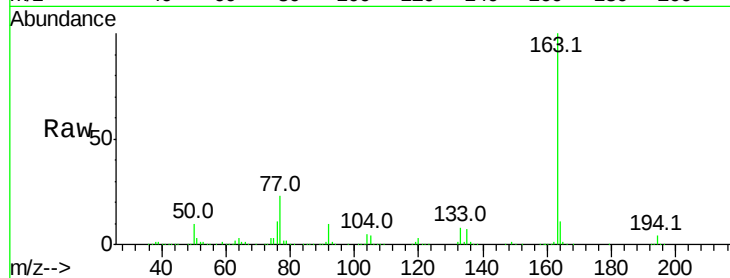
Tot Ion:163 Resp: 2125324

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

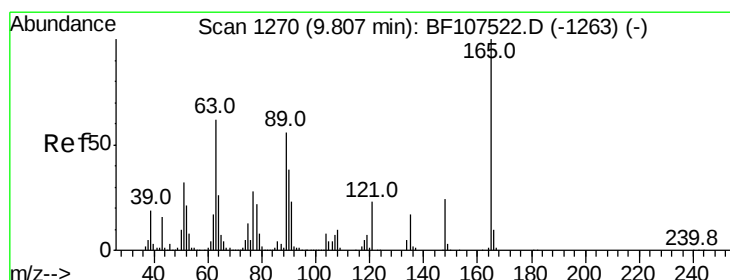
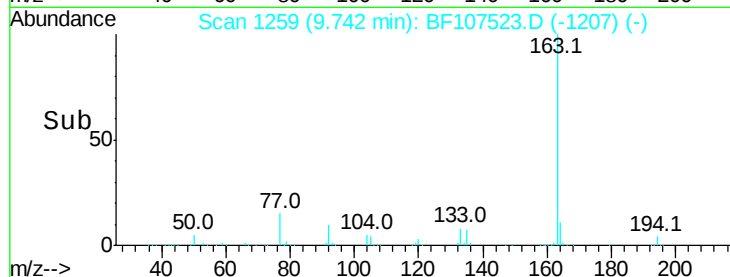
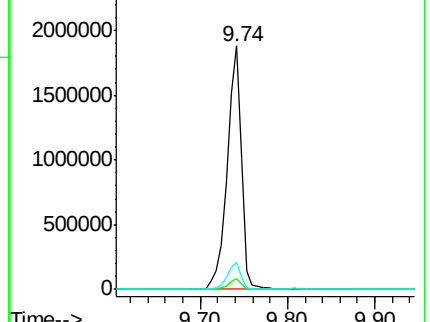
164 11.4 8.2 12.2



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: 51.729 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

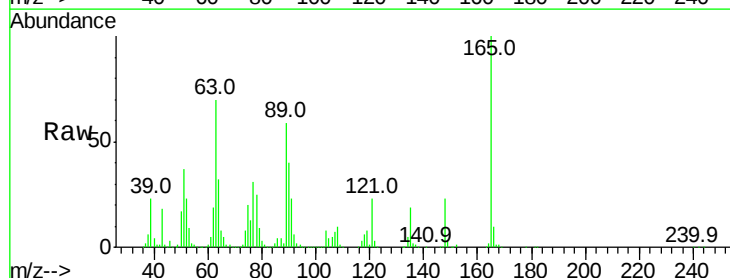
Tgt Ion:165 Resp: 473702

Ion Ratio Lower Upper

165 100

63 69.8 44.7 67.1#

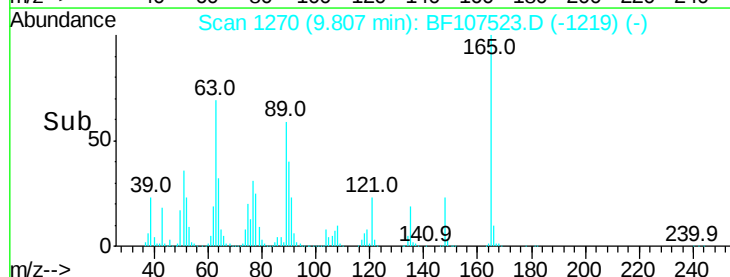
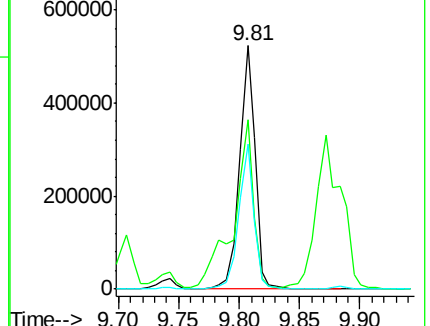
89 59.3 44.0 66.0

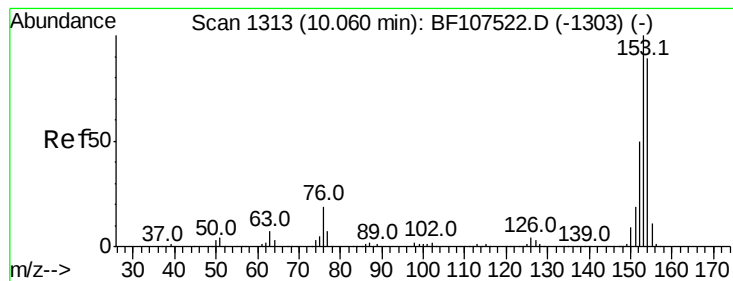


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 44.720 ng

RT: 10.06 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampled :

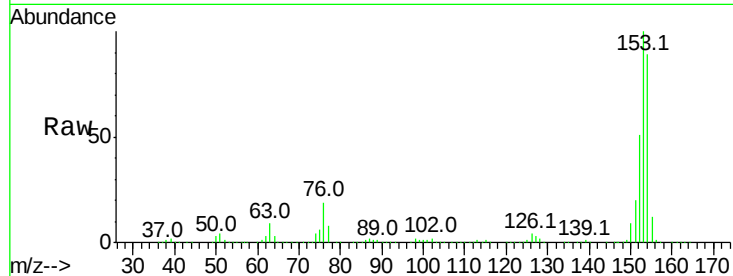
Tot Ion:154 Resp: 1706397

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

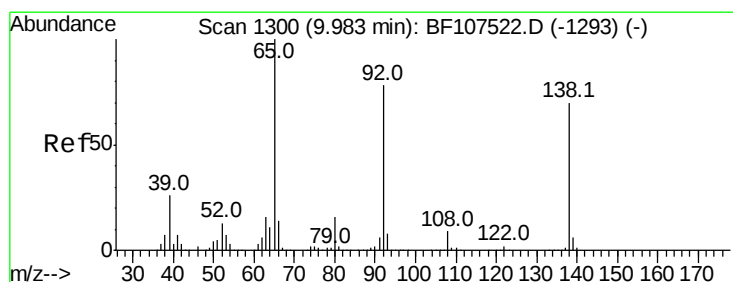
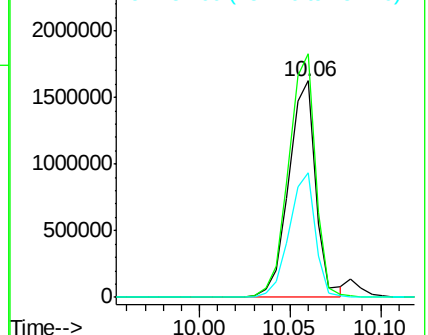
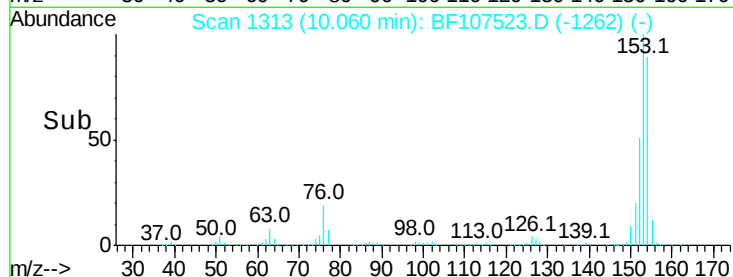
152 57.9 43.8 65.8



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: 60.267 ng

RT: 9.98 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

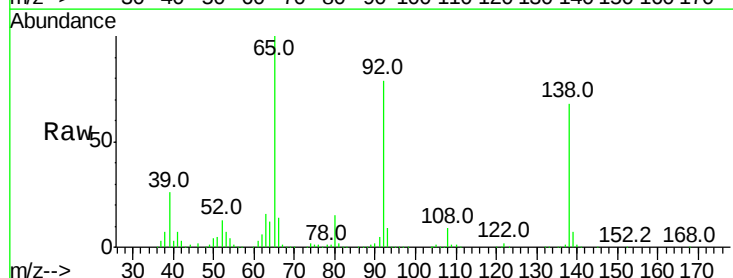
Tgt Ion:138 Resp: 579688

Ion Ratio Lower Upper

138 100

108 12.5 9.4 14.0

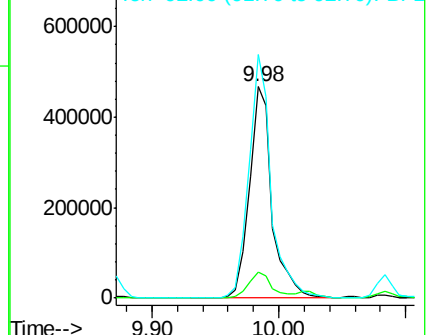
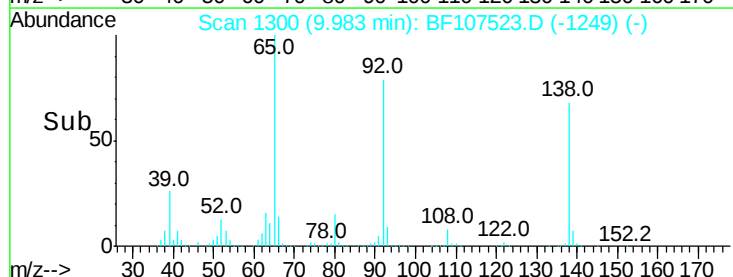
92 115.3 89.4 134.2

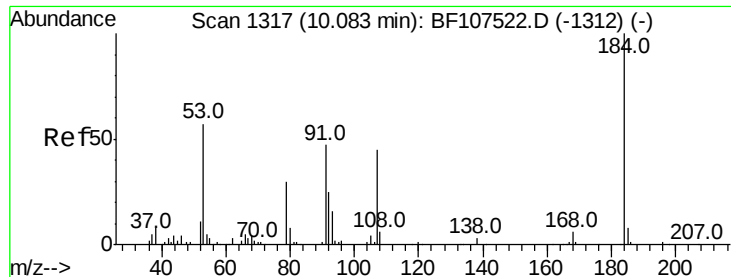


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

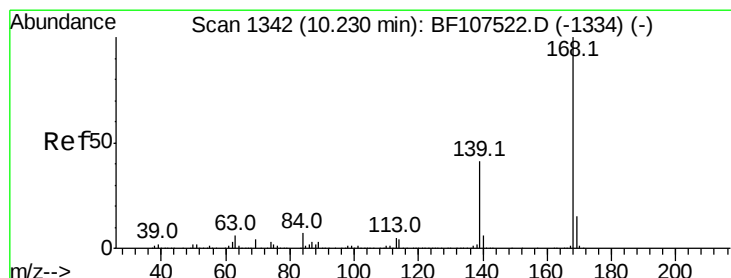
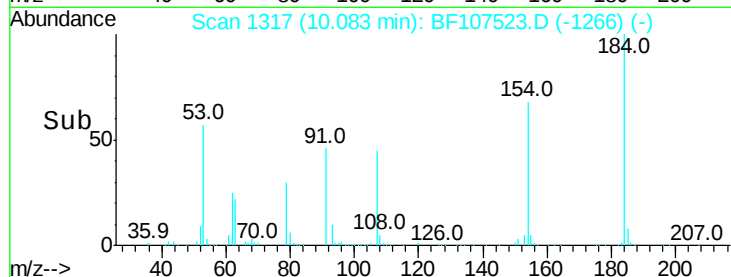
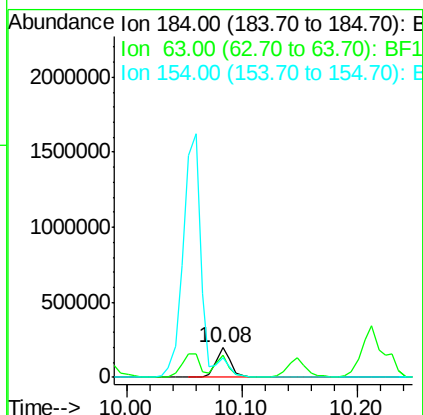
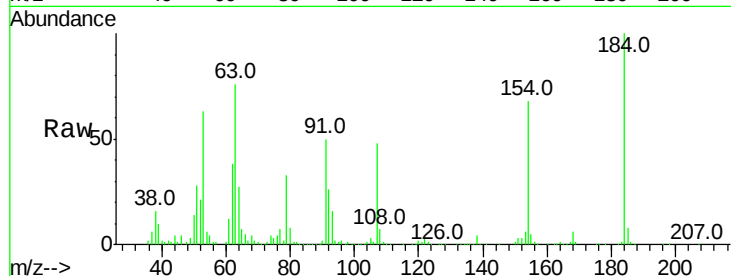




#53
2,4-Dinitrophenol
Concen: 53.837 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

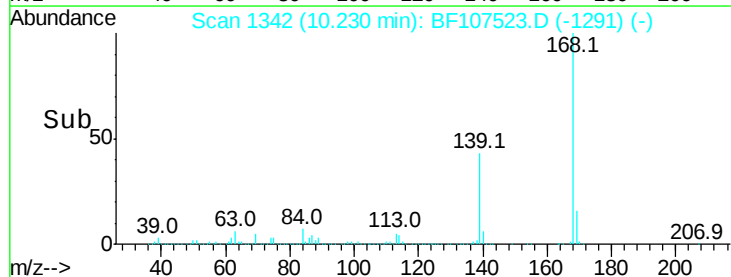
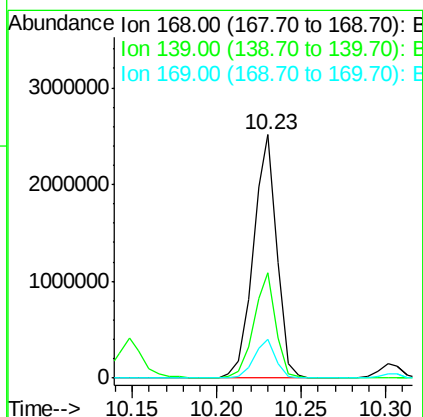
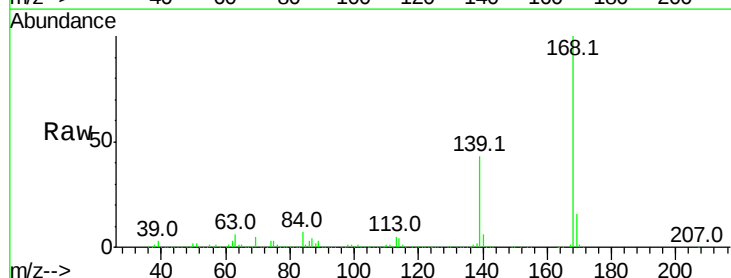
Instrument :
BNA_F
ClientSampleId :

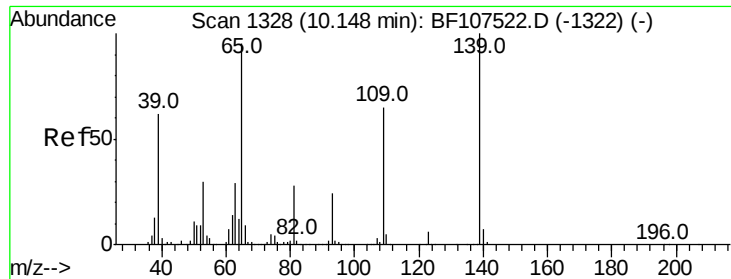
Tot Ion:184 Resp: 173691
Ion Ratio Lower Upper
184 100
63 76.3 54.2 81.2
154 68.2 184.0 276.0#



#54
Dibenzofuran
Concen: 41.397 ng
RT: 10.23 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:168 Resp: 2440996
Ion Ratio Lower Upper
168 100
139 43.3 30.1 45.1
169 16.0 10.9 16.3

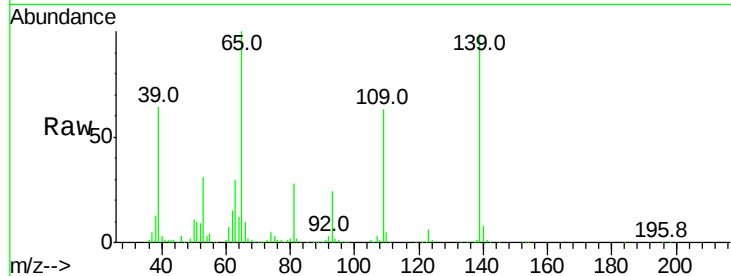




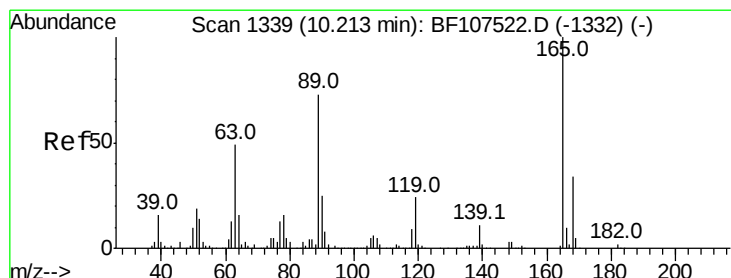
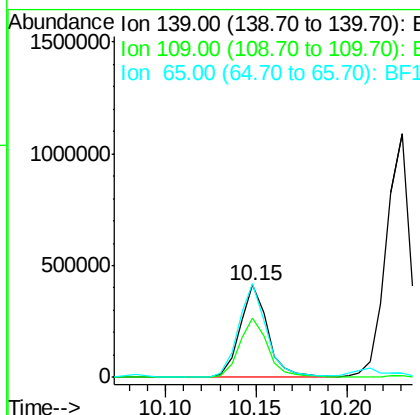
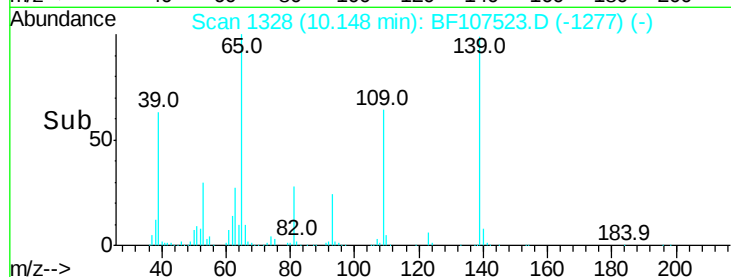
#55
4-Nitrophenol
Concen: 57.059 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 444101
Ion Ratio Lower Upper
139 100
109 64.4 48.4 88.4
65 101.5 72.6 112.6

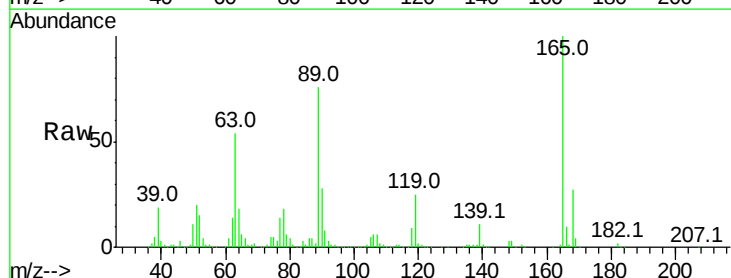


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

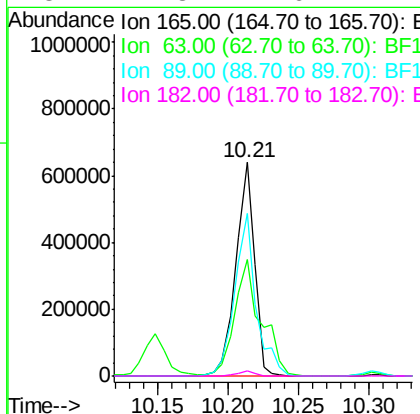
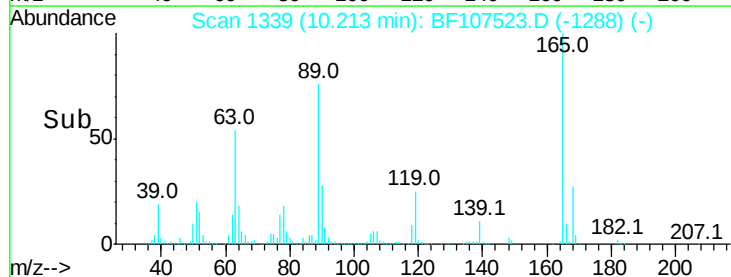


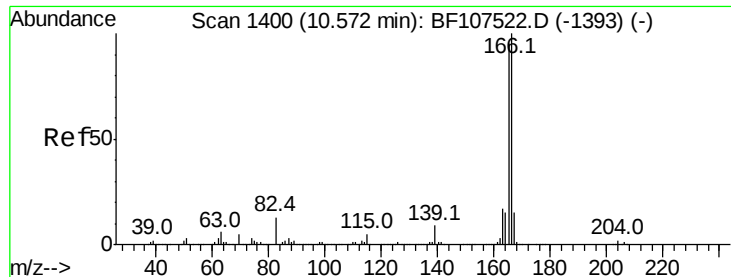
#56
2,4-Dinitrotoluene
Concen: 49.322 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:165 Resp: 588722
Ion Ratio Lower Upper
165 100
63 54.4 36.4 54.6
89 76.0 57.8 86.6
182 2.3 1.6 2.4



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

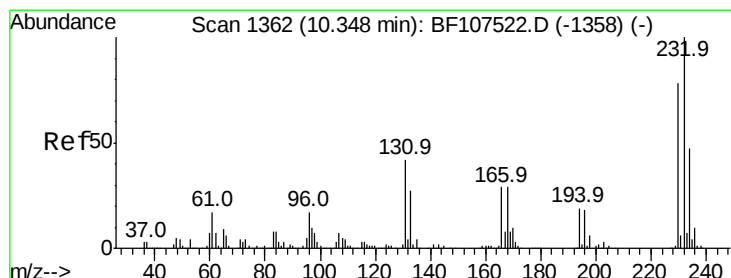
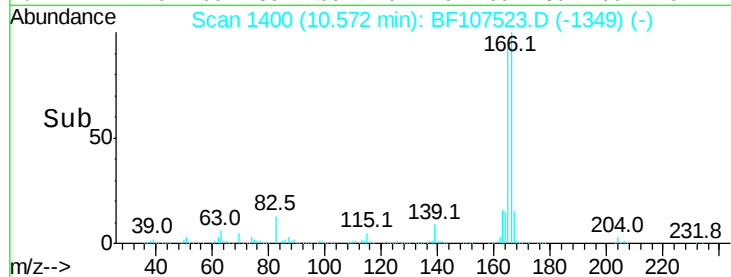
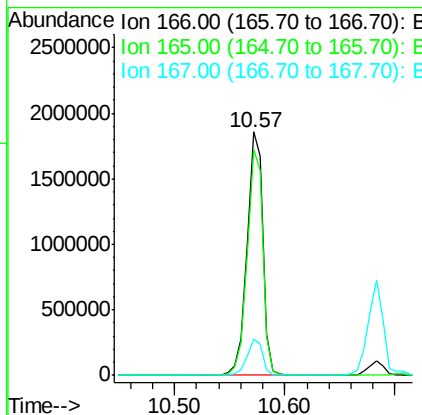
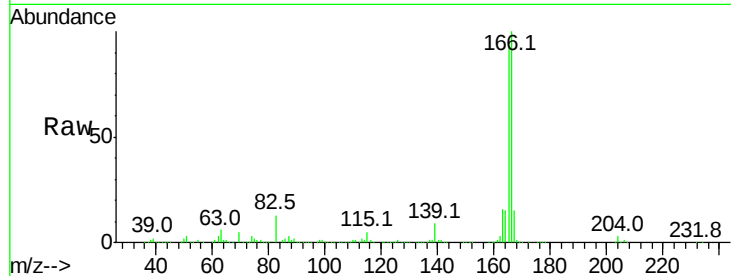




#57
 Fluorene
 Concen: 47.696 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

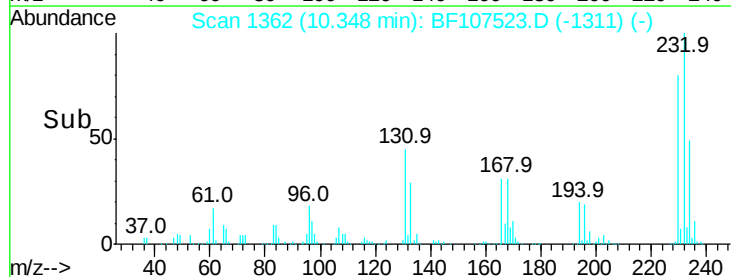
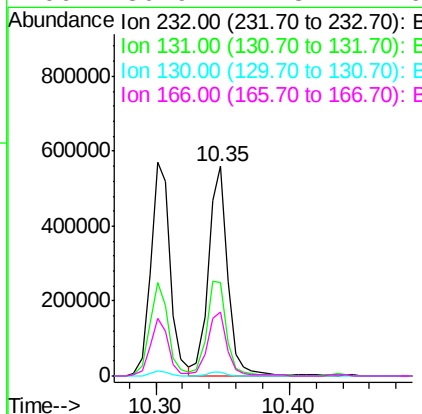
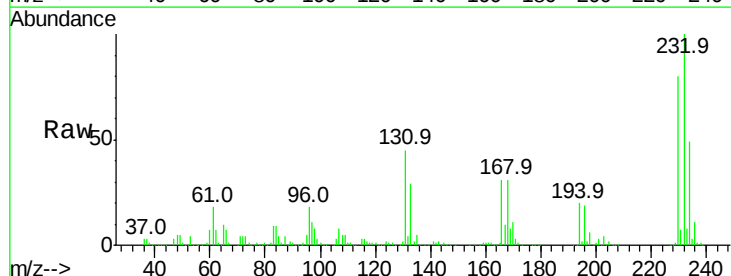
Instrument :
 BNA_F
 ClientSampleId :

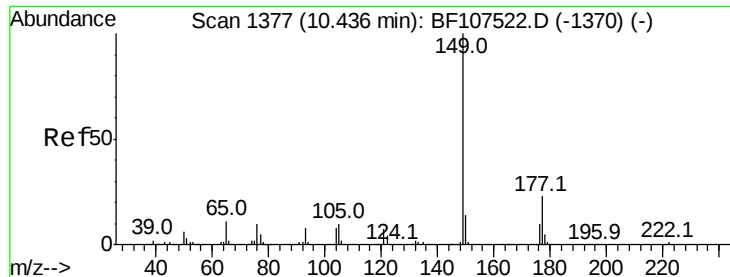
Tot Ion:166 Resp: 1862653
 Ion Ratio Lower Upper
 166 100
 165 92.9 79.8 119.8
 167 15.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.491 ng
 RT: 10.35 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Tgt Ion:232 Resp: 564112
 Ion Ratio Lower Upper
 232 100
 131 46.7 43.8 65.8
 130 2.2 2.1 3.1
 166 30.9 27.8 41.6

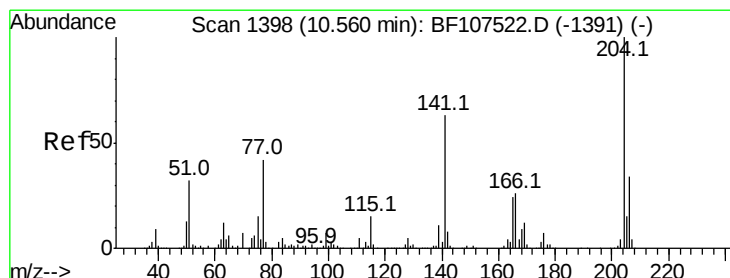
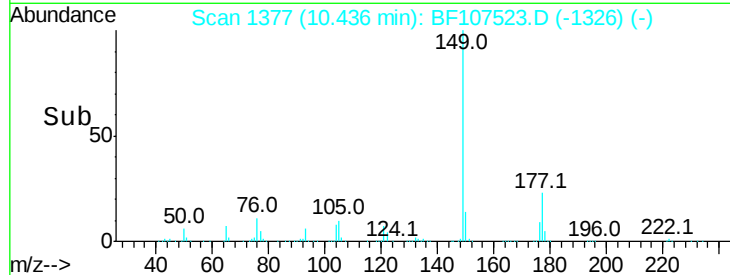
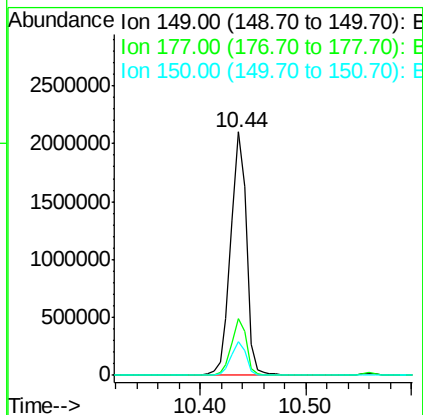
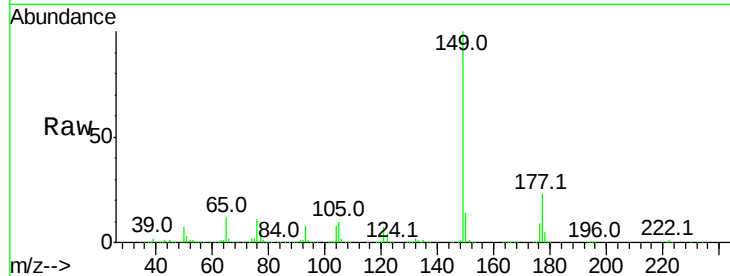




#59
Diethylphthalate
Concen: 46.262 ng
RT: 10.44 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

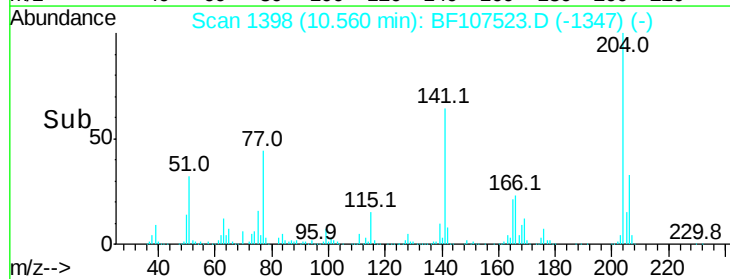
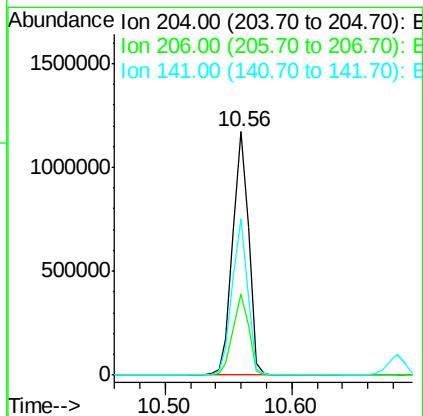
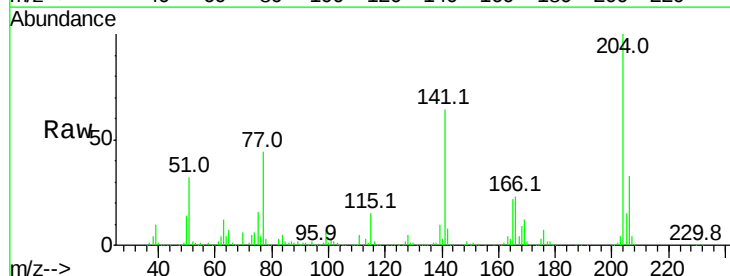
Instrument :
BNA_F
ClientSampled :

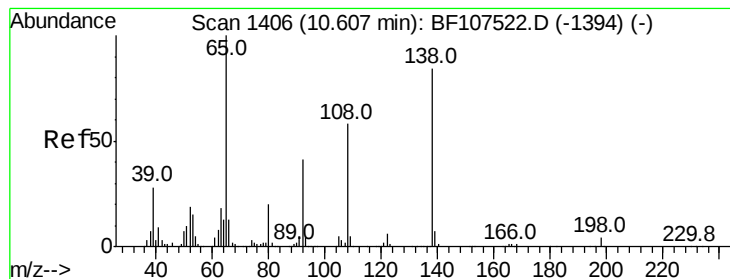
Tot Ion:149 Resp: 2156841
Ion Ratio Lower Upper
149 100
177 23.4 16.1 24.1
150 13.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.553 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:204 Resp: 1013115
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 64.3 54.6 81.8





#61

4-Nitroaniline

Concen: 52.036 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampleId :

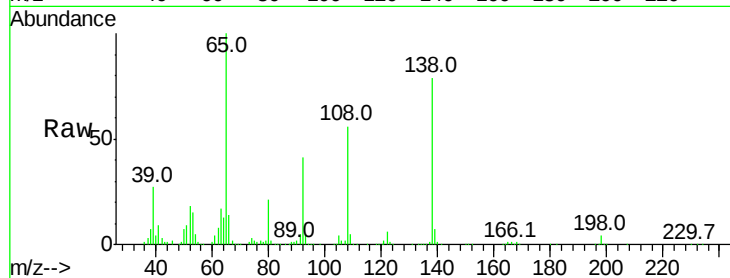
Tot Ion:138 Resp: 476325

Ion Ratio Lower Upper

138 100

92 51.0 30.2 70.2

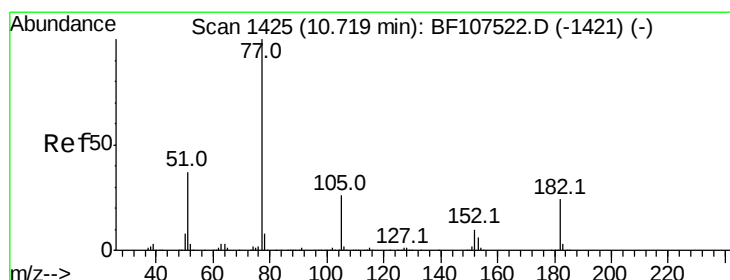
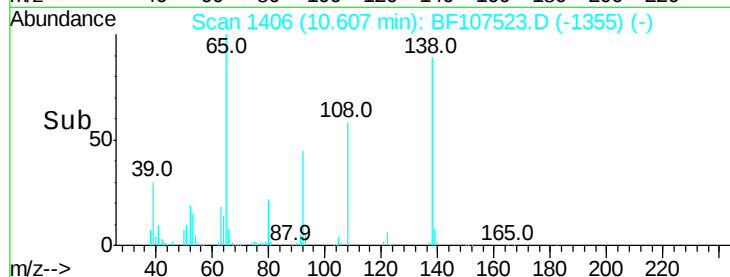
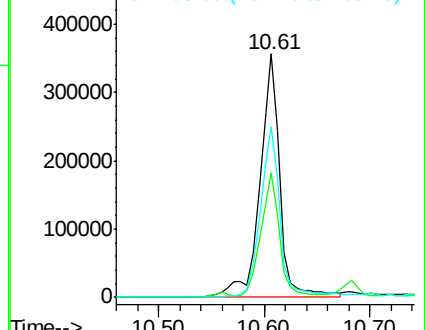
108 70.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.087 ng

RT: 10.72 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Tgt Ion: 77 Resp: 2085230

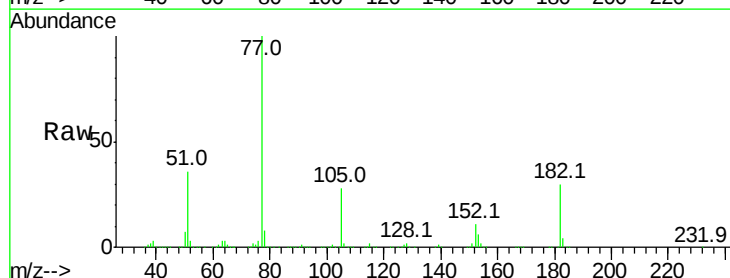
Ion Ratio Lower Upper

77 100

182 29.9 1.7 41.7

105 27.8 3.0 43.0

51 36.0 9.9 49.9

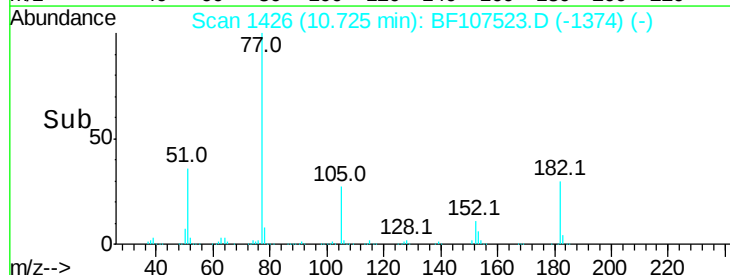
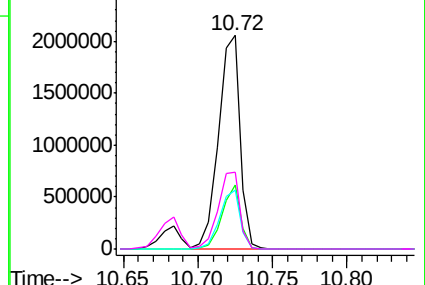


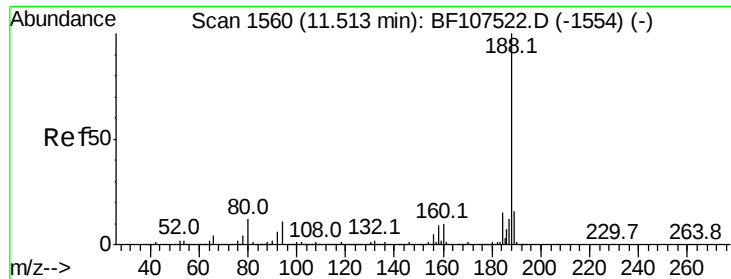
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

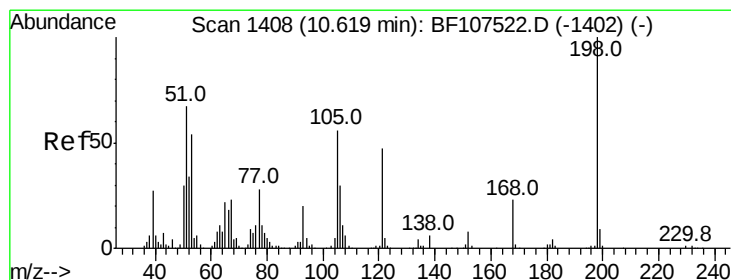
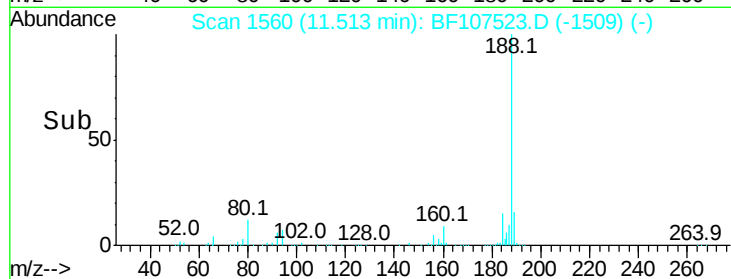
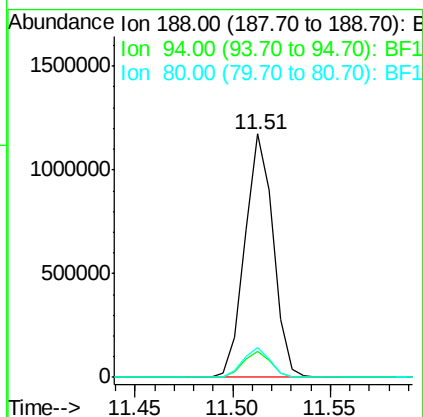
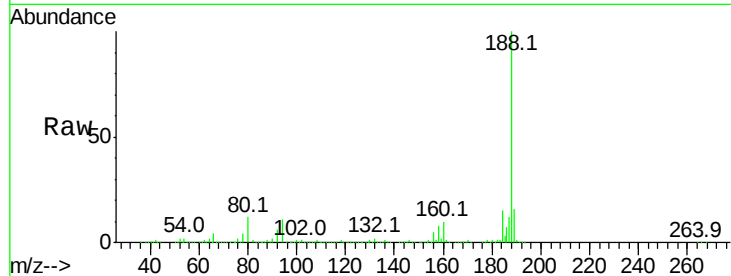




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

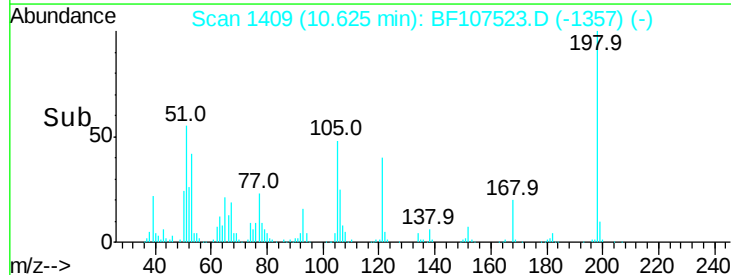
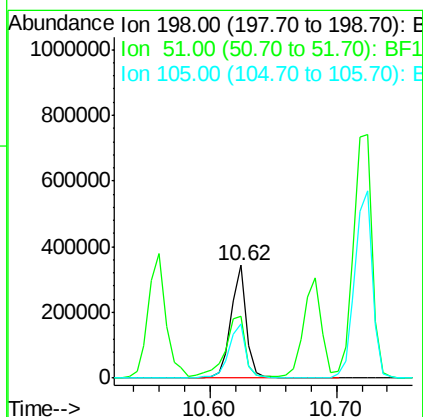
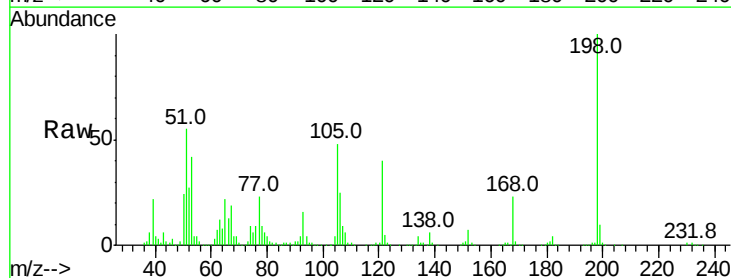
Instrument :
BNA_F
ClientSampleId :

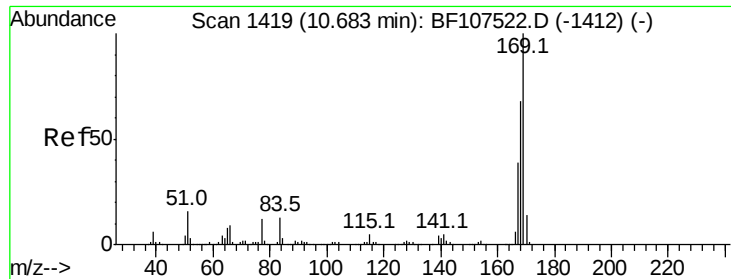
Tot Ion:188 Resp: 1176153
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 51.377 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:198 Resp: 287858
Ion Ratio Lower Upper
198 100
51 54.7 37.7 77.7
105 47.6 36.3 76.3

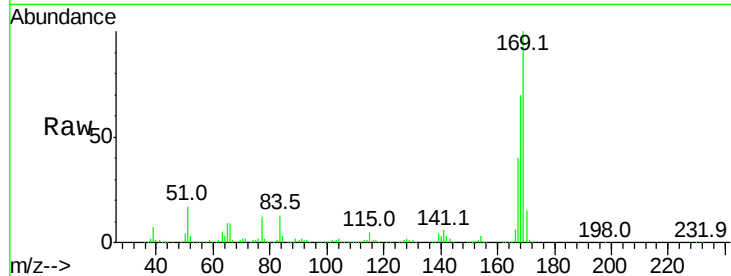




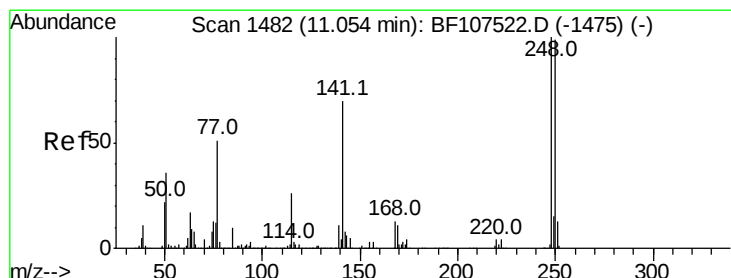
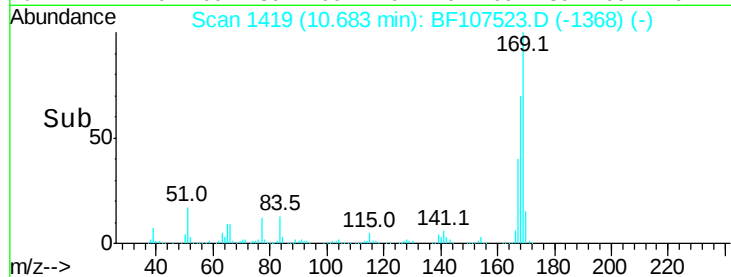
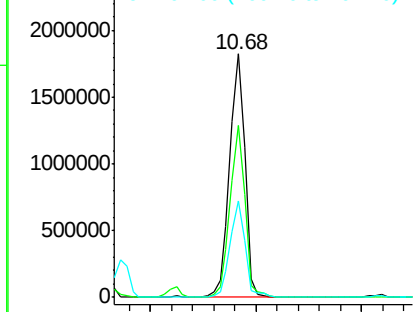
#65
n-Nitrosodiphenylamine
Concen: 48.869 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 1815324
Ion Ratio Lower Upper
169 100
168 70.5 54.4 81.6
167 39.6 29.8 44.6

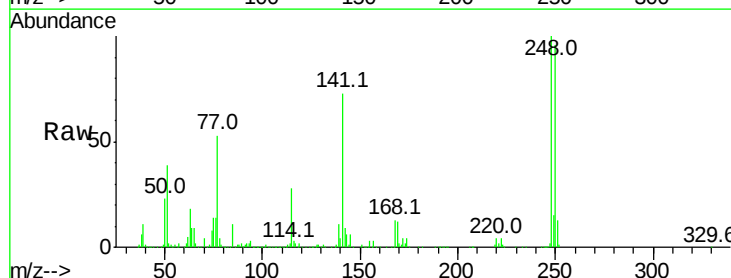


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

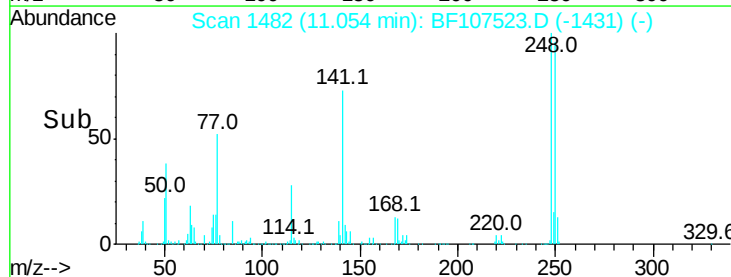
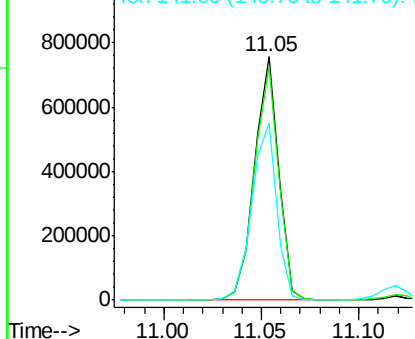


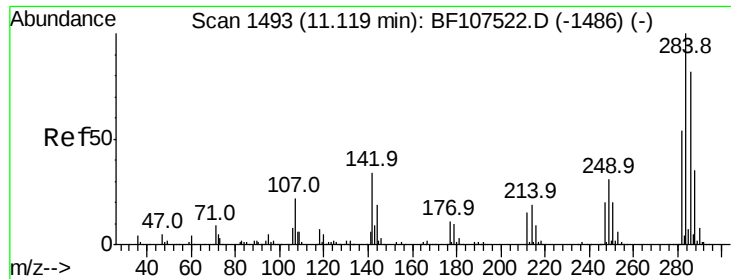
#66
4-Bromophenyl-phenylether
Concen: 48.101 ng
RT: 11.05 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:248 Resp: 647258
Ion Ratio Lower Upper
248 100
250 96.1 76.9 115.3
141 72.7 74.4 111.6#



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

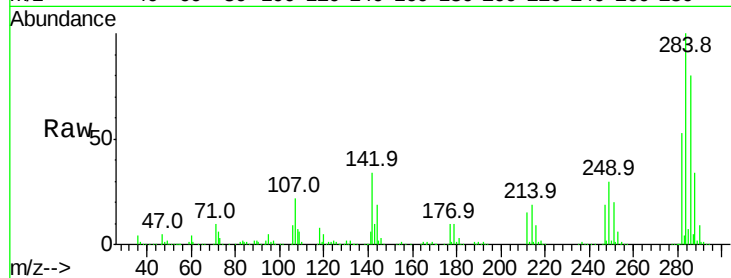




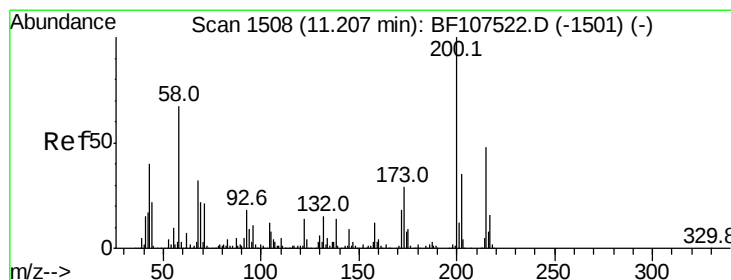
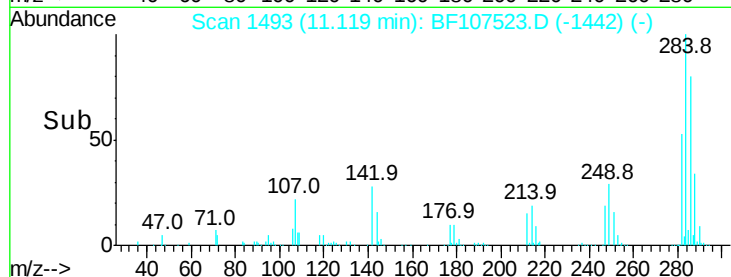
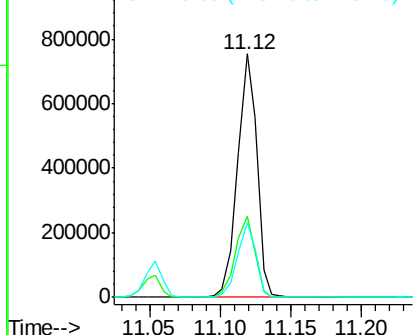
#67
 Hexachlorobenzene
 Concen: 57.767 ng
 RT: 11.12 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.5	34.6	52.0#
249	30.5	24.8	37.2

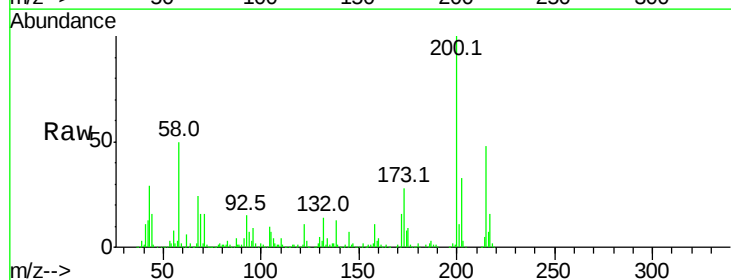


Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

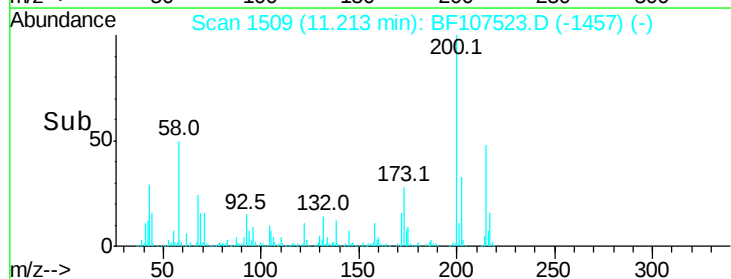
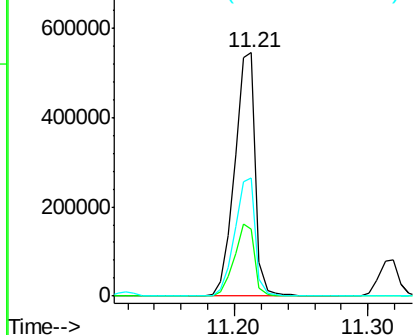


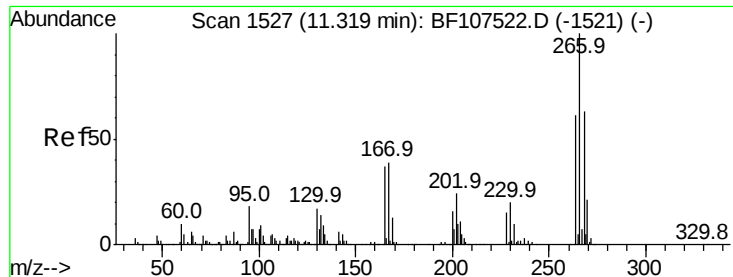
#68
 Atrazine
 Concen: 42.102 ng
 RT: 11.21 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.6	48.6
215	48.3	25.1	65.1



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

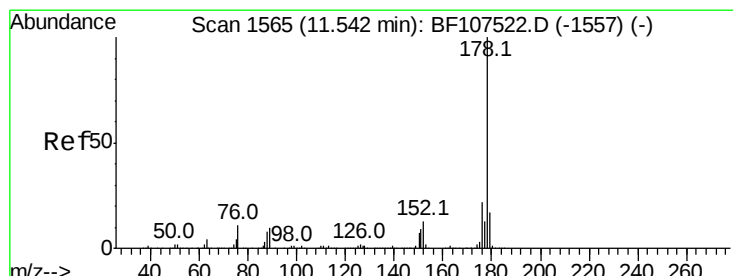
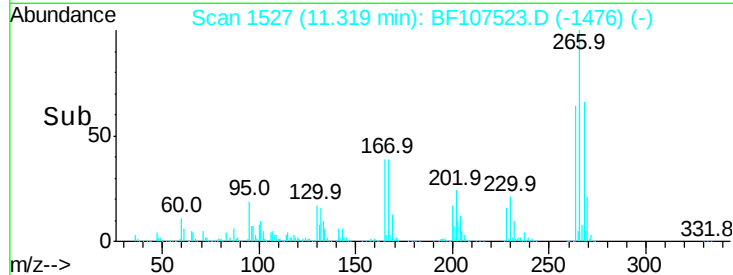
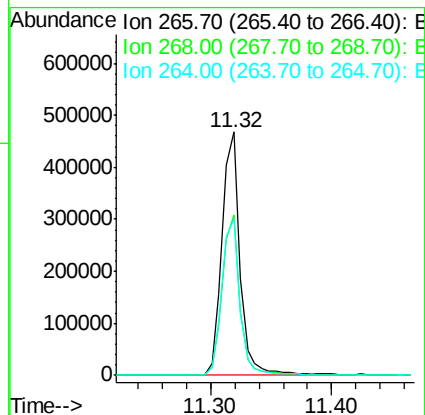
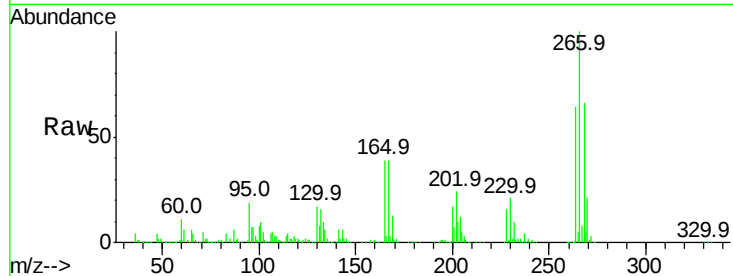




#69
 Pentachlorophenol
 Concen: 52.466 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

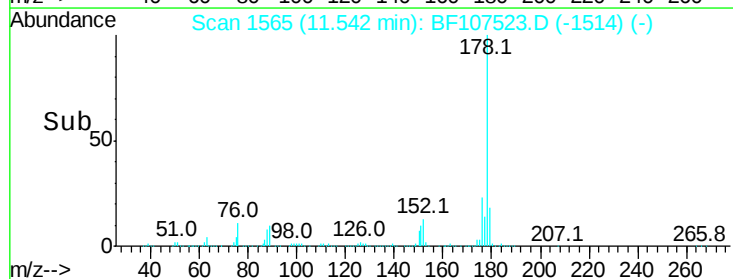
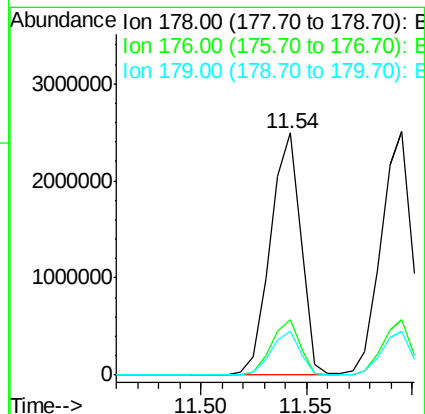
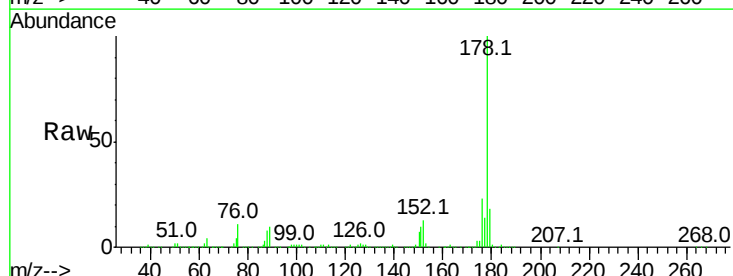
Instrument :
 BNA_F
 ClientSampleId :

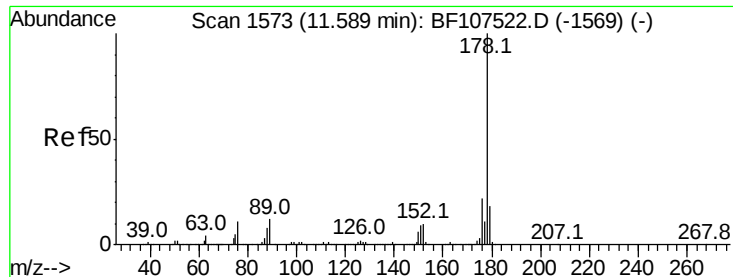
Tot Ion:266 Resp: 482943
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.1 76.7
 264 64.1 49.5 74.3



#70
 Phenanthrene
 Concen: 42.822 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Tgt Ion:178 Resp: 2509980
 Ion Ratio Lower Upper
 178 100
 176 22.9 15.8 23.8
 179 18.0 13.0 19.6

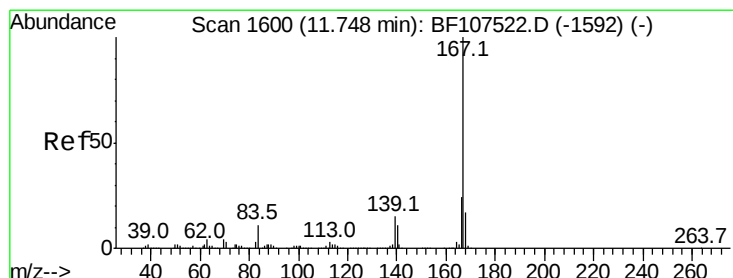
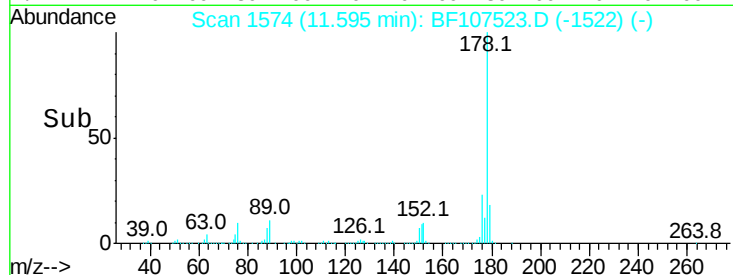
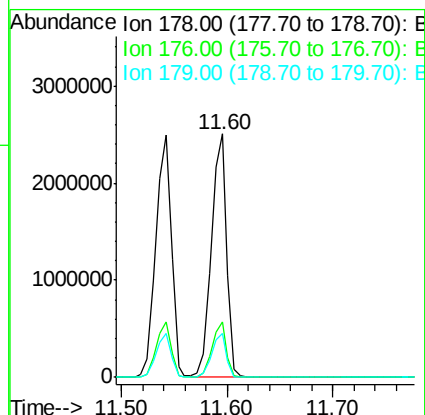
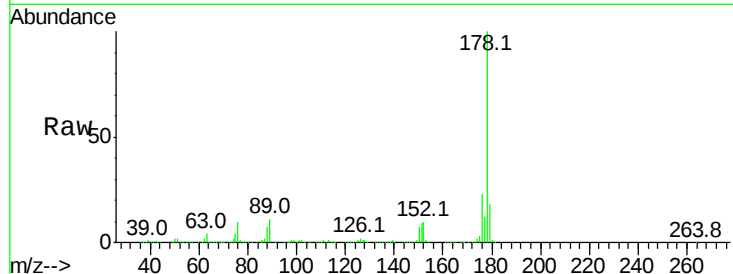




#71
 Anthracene
 Concen: 43.565 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

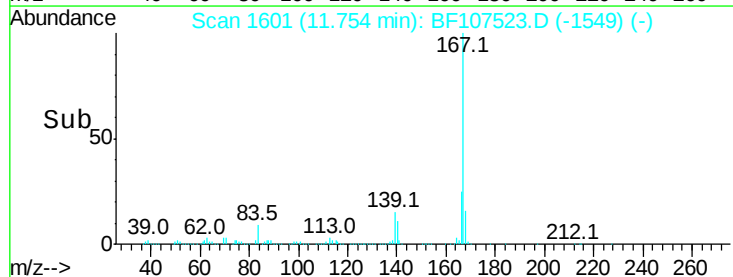
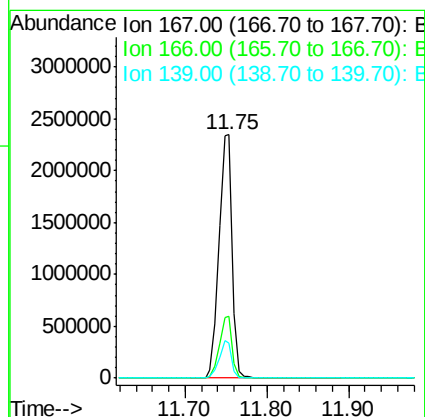
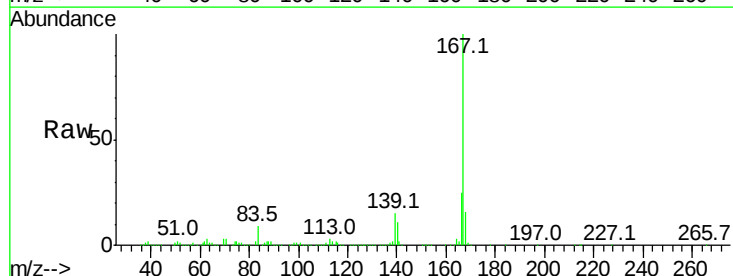
Instrument :
 BNA_F
 ClientSampleId :

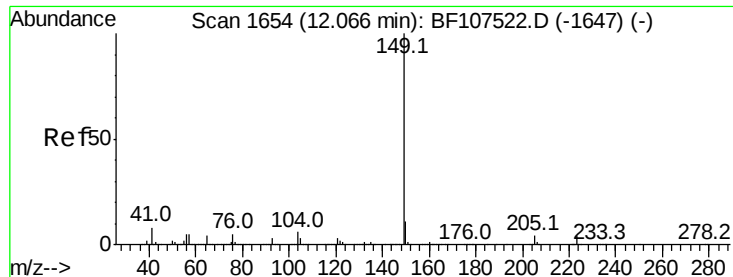
Tot Ion:178 Resp: 2543359
 Ion Ratio Lower Upper
 178 100
 176 22.9 15.4 23.2
 179 18.2 12.6 19.0



#72
 Carbazole
 Concen: 48.183 ng
 RT: 11.75 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Tgt Ion:167 Resp: 2663137
 Ion Ratio Lower Upper
 167 100
 166 25.3 17.6 26.4
 139 14.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.392 ng

RT: 12.07 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampleId :

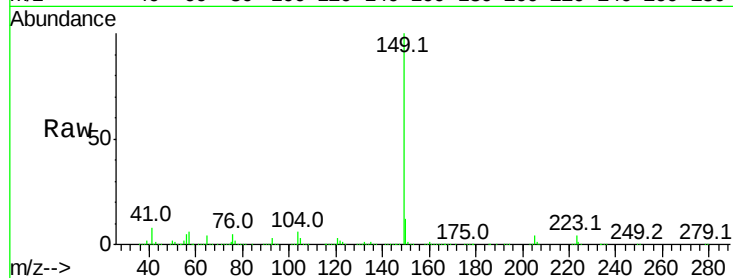
Tot Ion:149 Resp: 2946781

Ion Ratio Lower Upper

149 100

150 11.8 7.8 11.6#

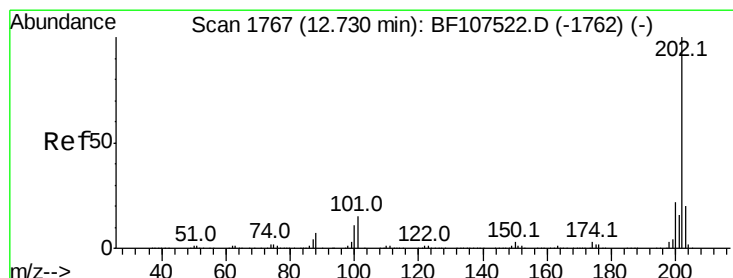
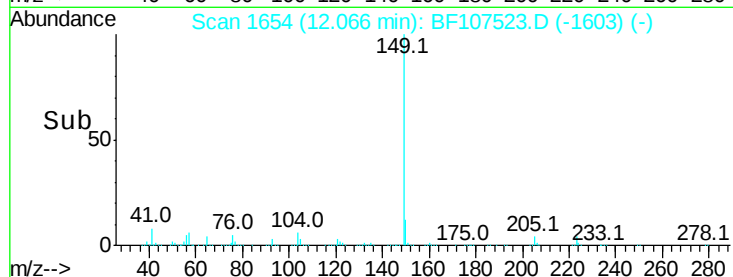
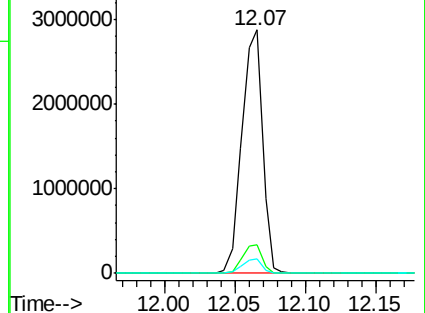
104 5.9 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.761 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

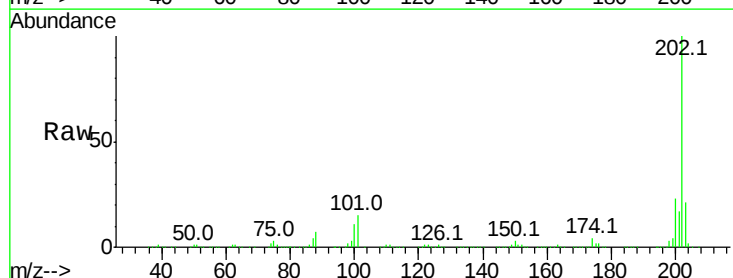
Tgt Ion:202 Resp: 2715512

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.1

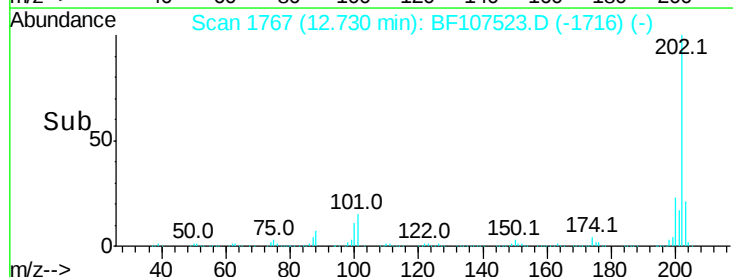
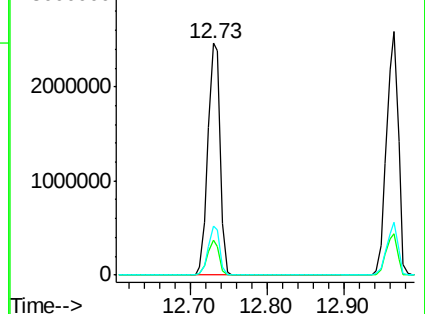
203 20.9 0.0 38.1

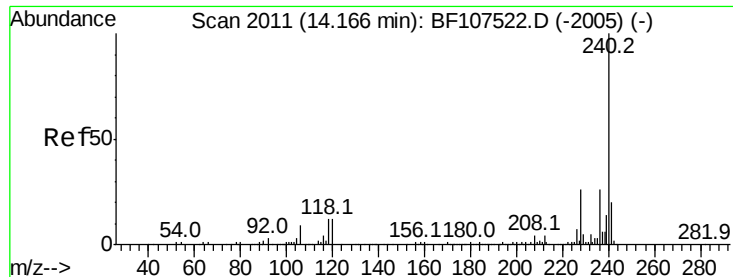


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampled :

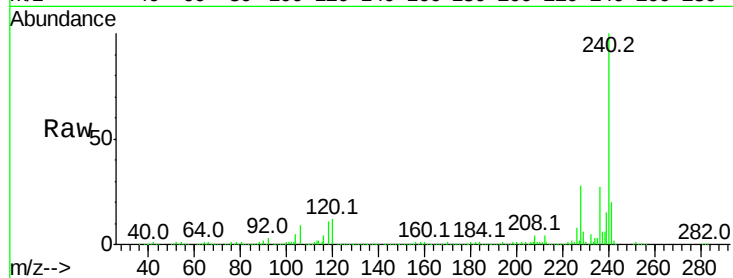
Tot Ion:240 Resp: 887524

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

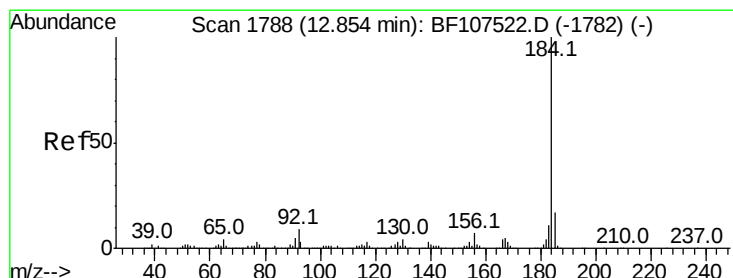
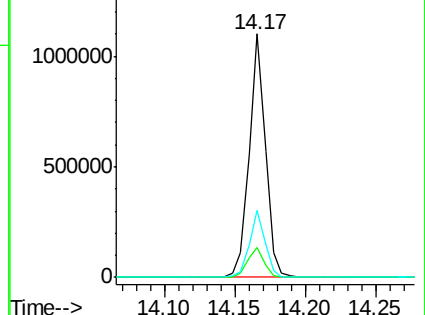
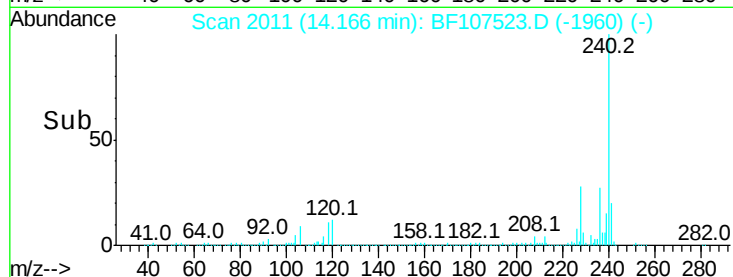
236 27.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.263 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

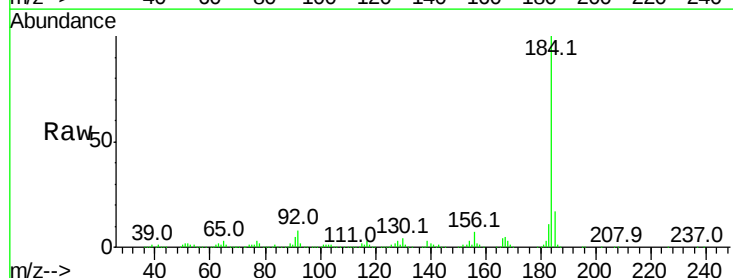
Tgt Ion:184 Resp: 1180163

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

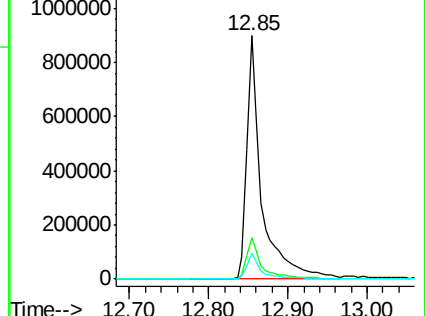
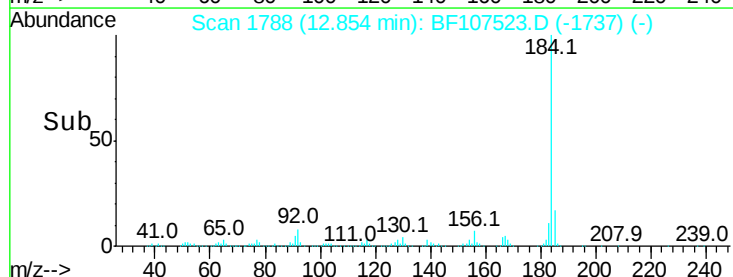
183 10.6 9.3 13.9

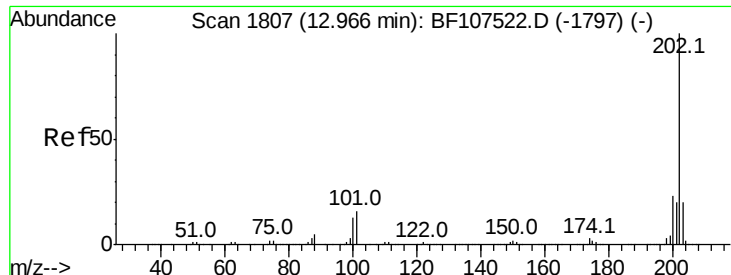


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

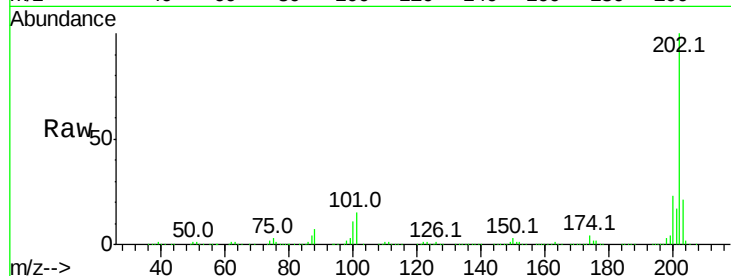




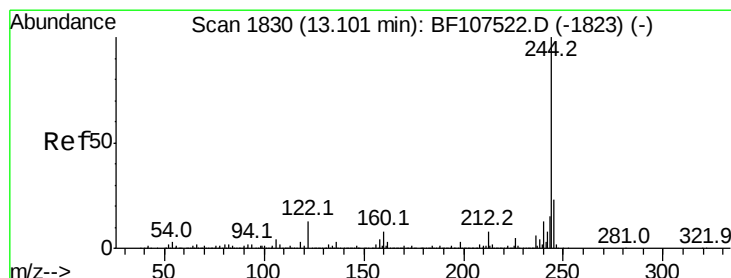
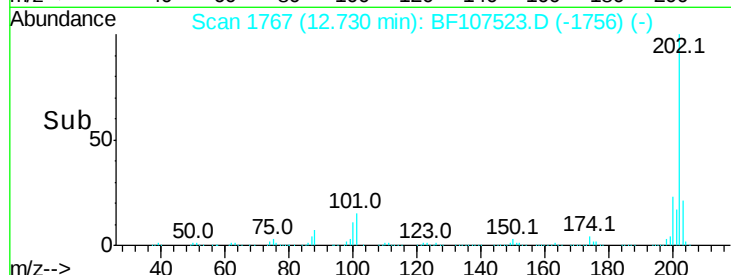
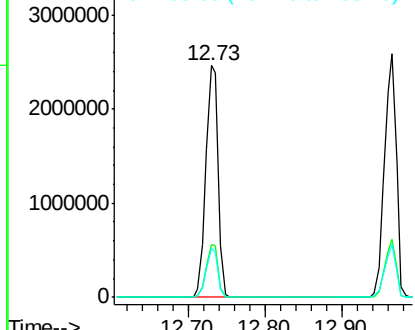
#77
Pvrene
Concen: 44.994 ng
RT: 12.73 min Scan# 1767
Delta R.T. -0.24 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2715512
Ion Ratio Lower Upper
202 100
200 22.8 17.4 26.2
203 20.9 14.3 21.5

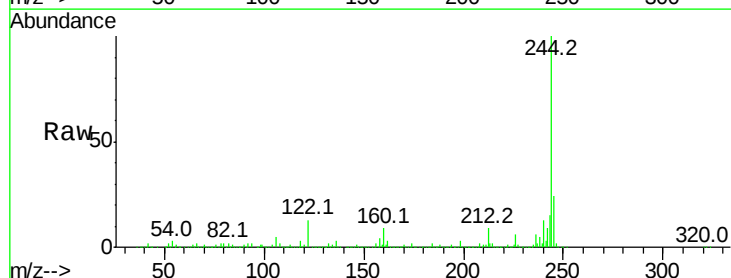


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

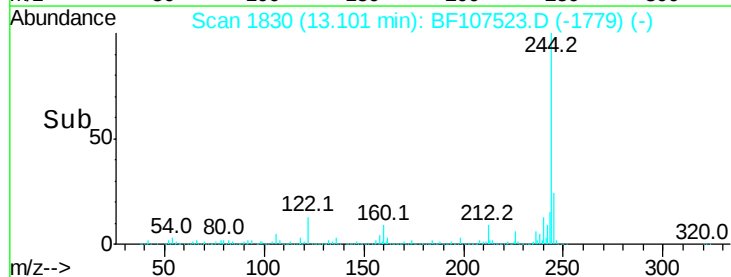
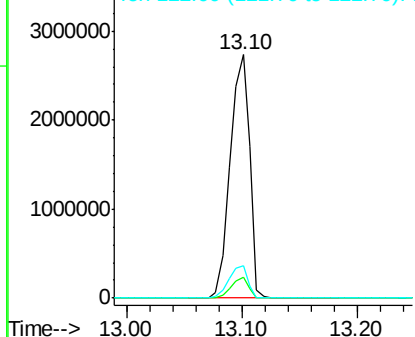


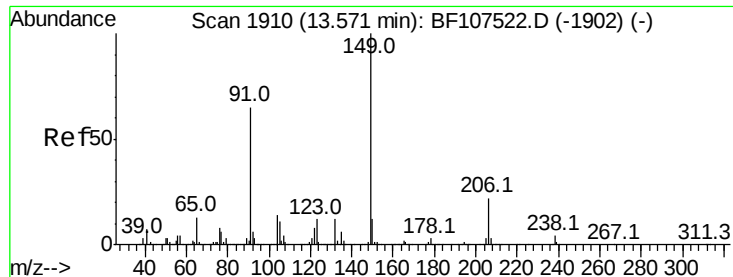
#78
Terphenyl-d14
Concen: 88.800 ng
RT: 13.10 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:244 Resp: 3172039
Ion Ratio Lower Upper
244 100
212 8.6 5.4 8.0#
122 13.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

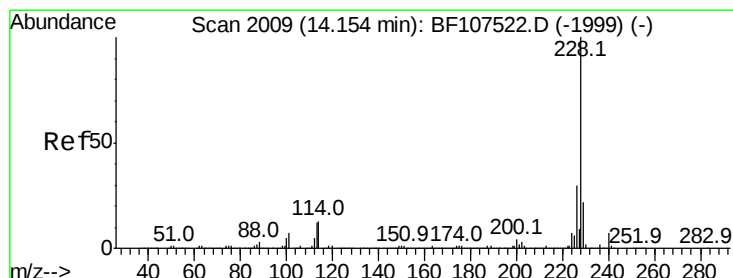
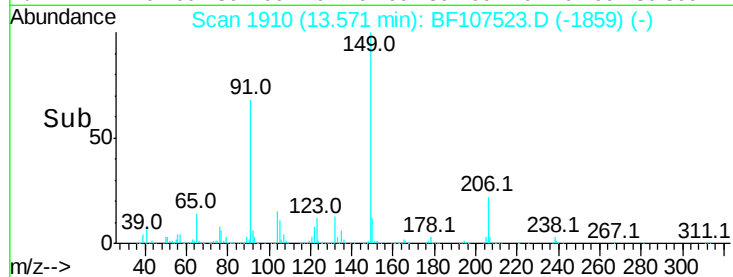
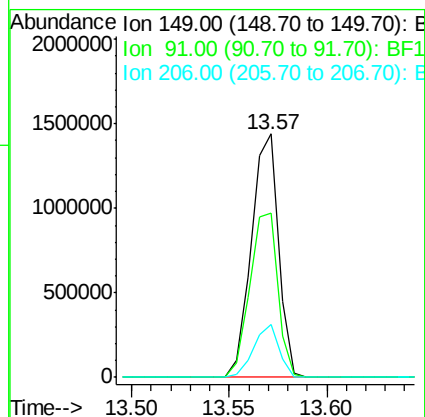
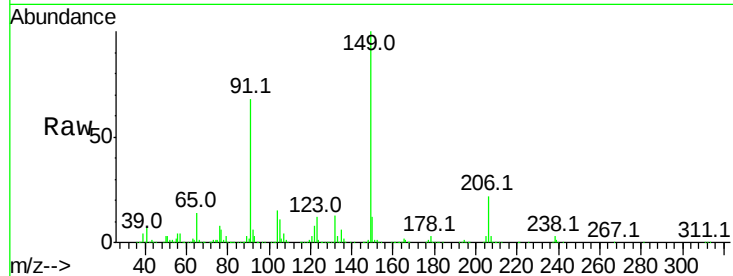




#79
Butylbenzylphthalate
Concen: 63.089 ng
RT: 13.57 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

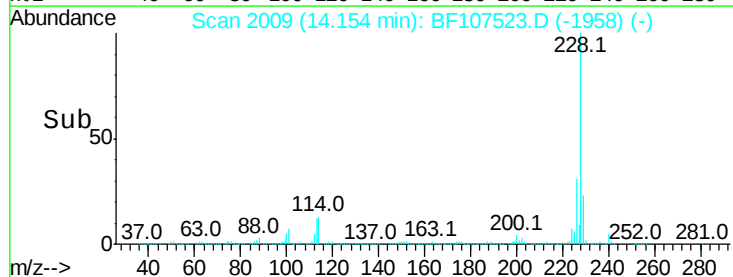
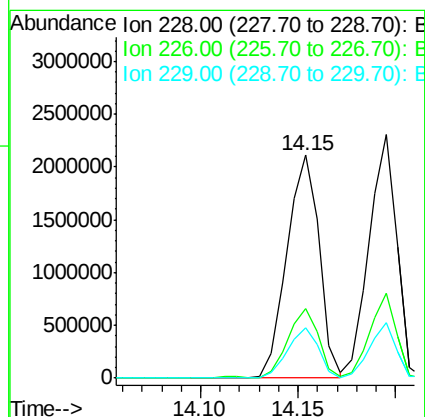
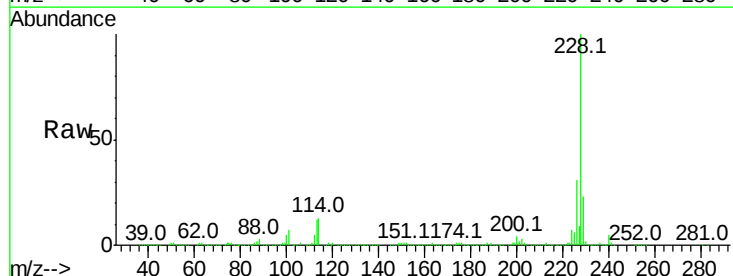
Instrument :
BNA_F
ClientSampleId :

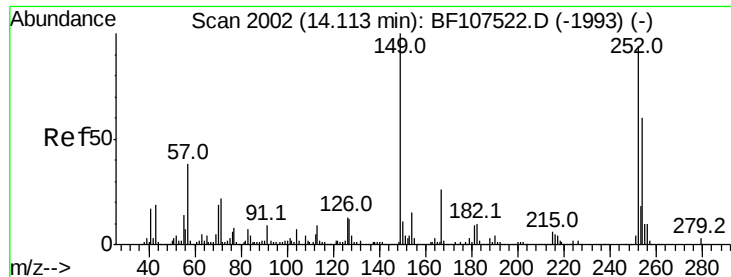
Tot Ion:149 Resp: 1386946
Ion Ratio Lower Upper
149 100
91 67.6 56.8 85.2
206 21.9 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 44.366 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:228 Resp: 2409260
Ion Ratio Lower Upper
228 100
226 31.2 22.6 33.8
229 22.6 15.8 23.6

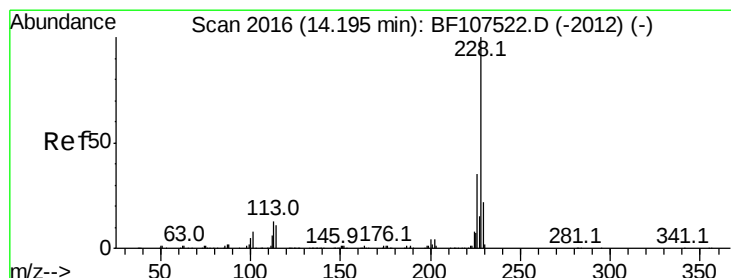
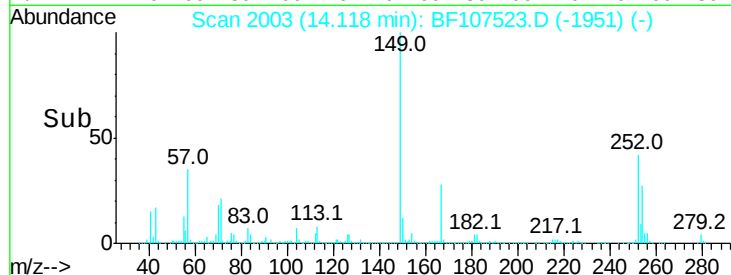
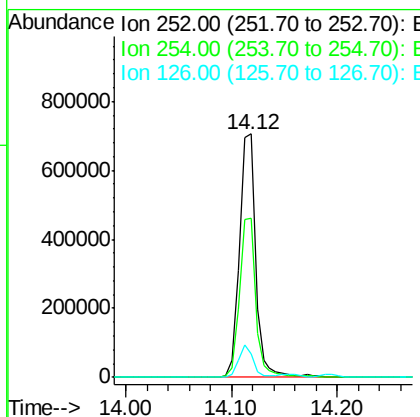
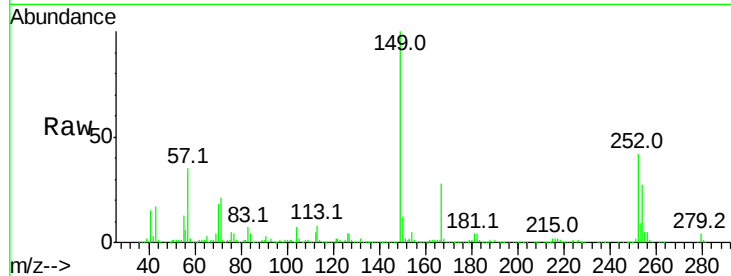




#81
 3,3'-Dichlorobenzidine
 Concen: 41.003 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. 0.01 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

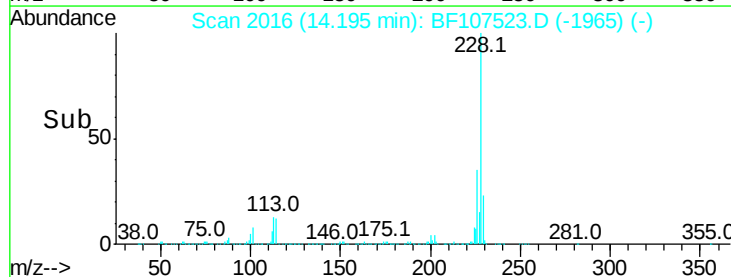
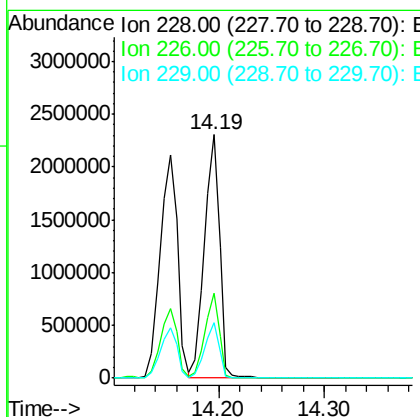
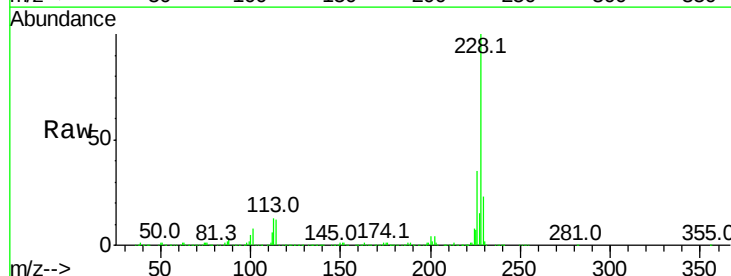
Instrument :
 BNA_F
 ClientSampleId :

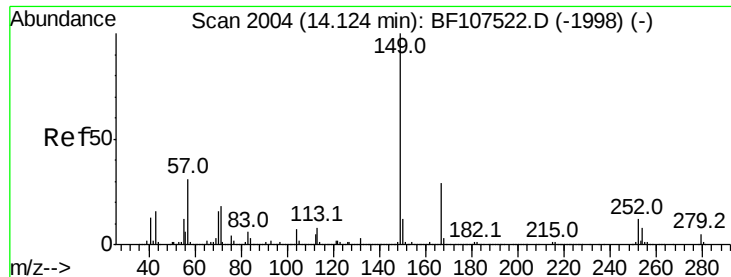
Tot Ion:252 Resp: 746768
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 9.5 11.3 16.9#



#82
 Chrysene
 Concen: 44.237 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Tgt Ion:228 Resp: 2294754
 Ion Ratio Lower Upper
 228 100
 226 35.1 25.0 37.6
 229 22.8 16.2 24.4

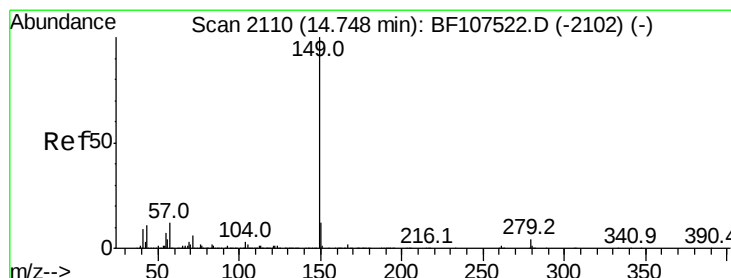
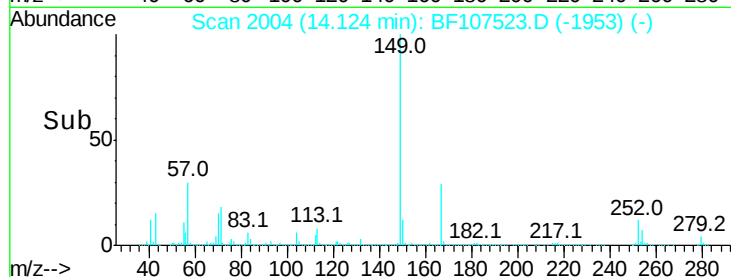
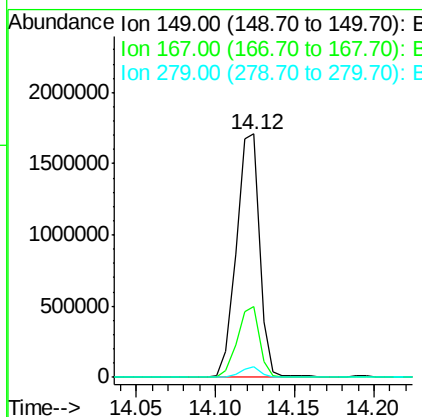
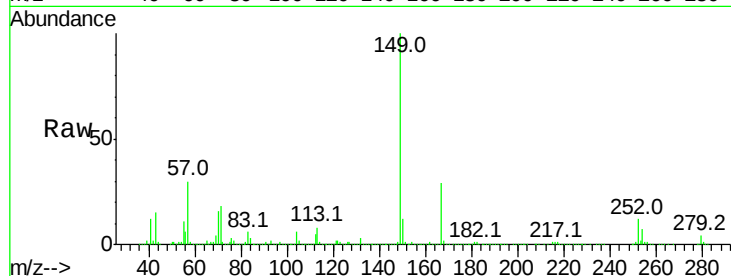




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.264 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

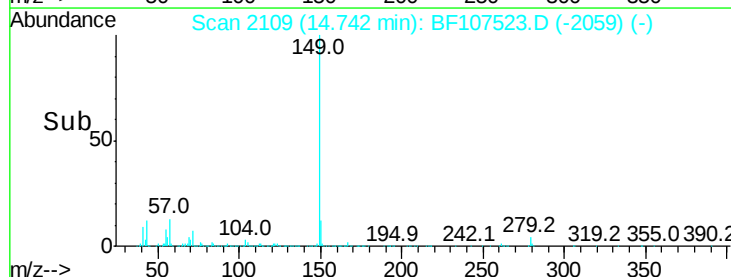
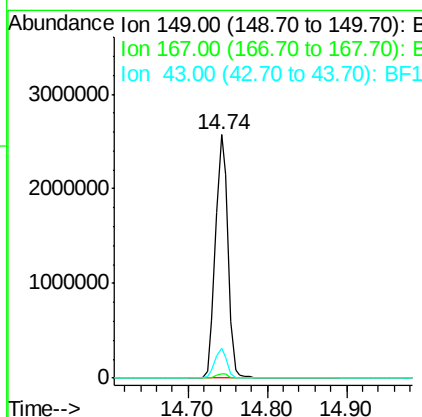
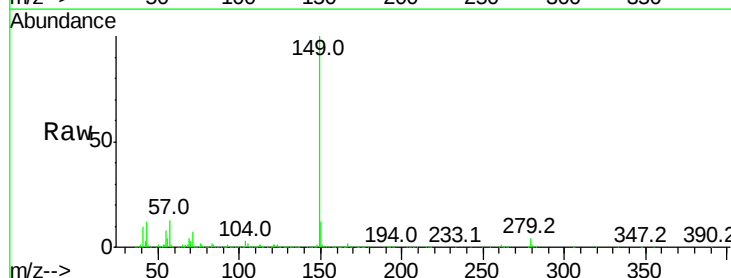
Instrument :
 BNA_F
 ClientSampleId :

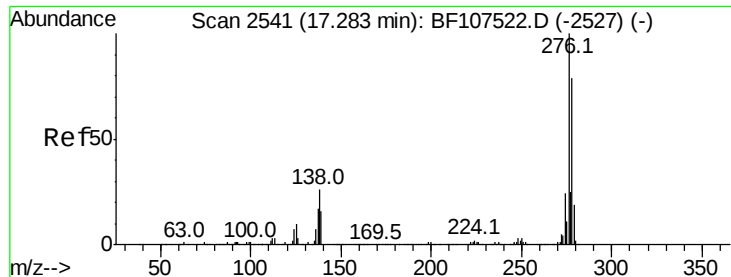
Tot Ion:149 Resp: 1741006
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.3 31.9
 279 4.5 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 57.600 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BF107523.D
 Acq: 20 Jul 2018 14:36

Tgt Ion:149 Resp: 2820778
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 11.8 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.565 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampleId :

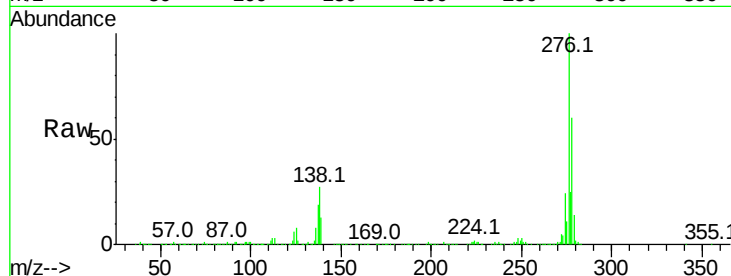
Tot Ion:276 Resp: 1940931

Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	25.2	20.1	30.1

276 100

138 27.8 25.0 37.6

277 25.2 20.1 30.1

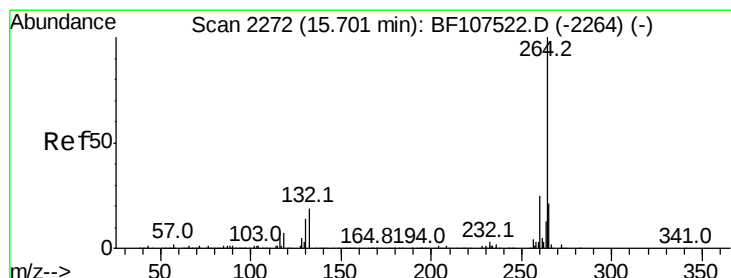
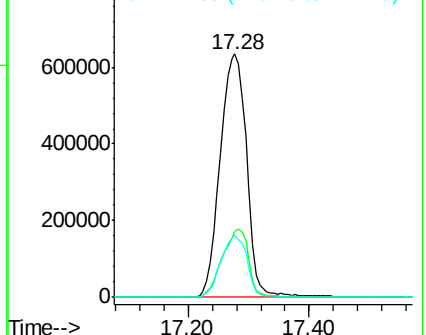
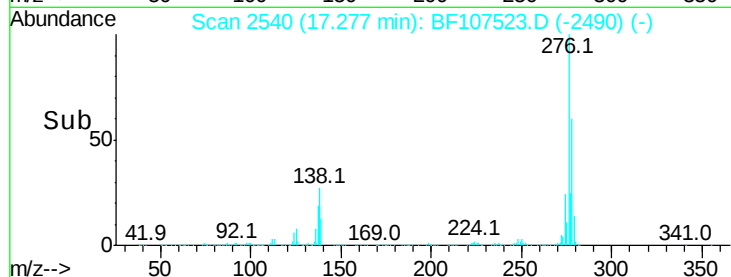


Abundance

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: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

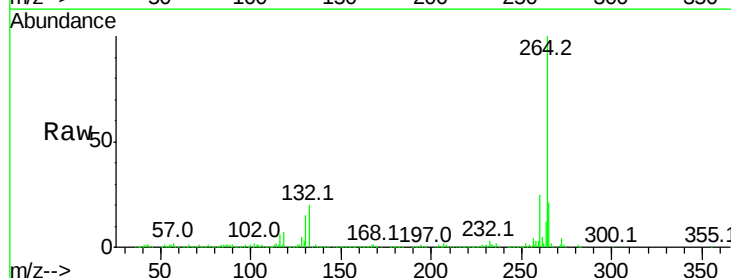
Tgt Ion:264 Resp: 762219

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	17.5	26.3

264 100

260 24.6 19.2 28.8

265 21.3 17.5 26.3

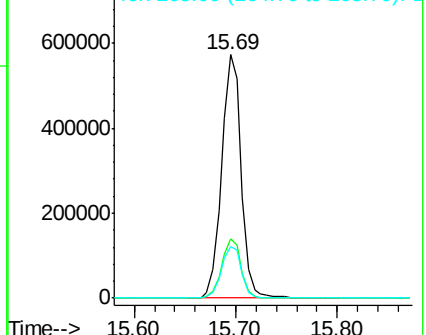
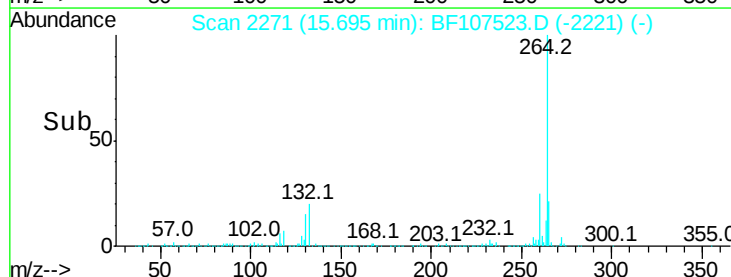


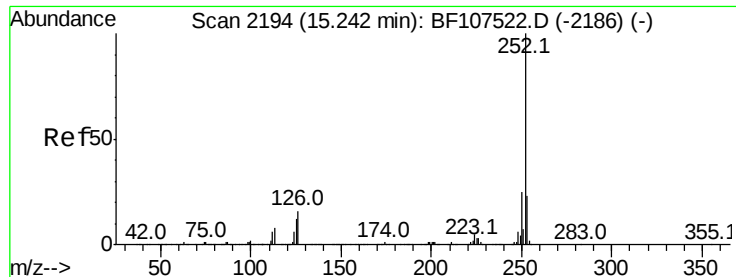
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

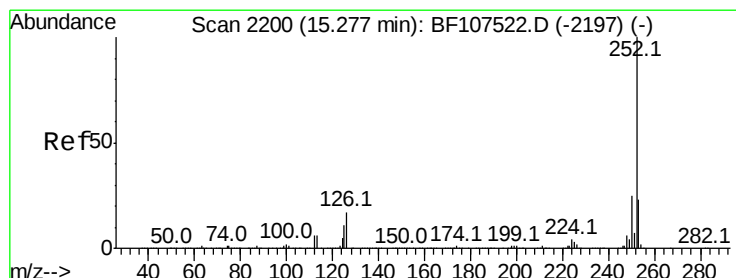
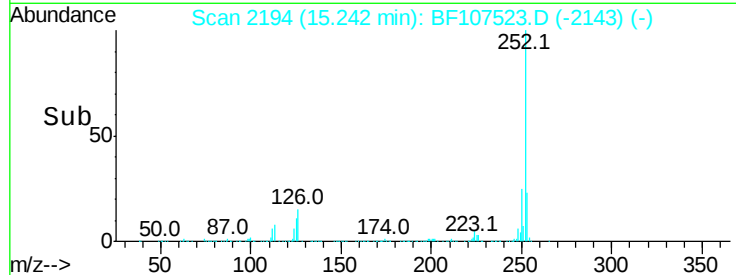
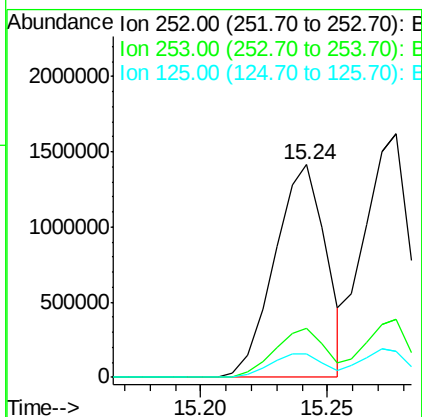
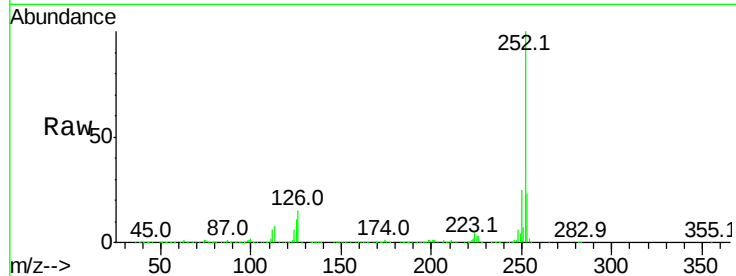




#87
Benzo(b)fluoranthene
Concen: 44.734 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

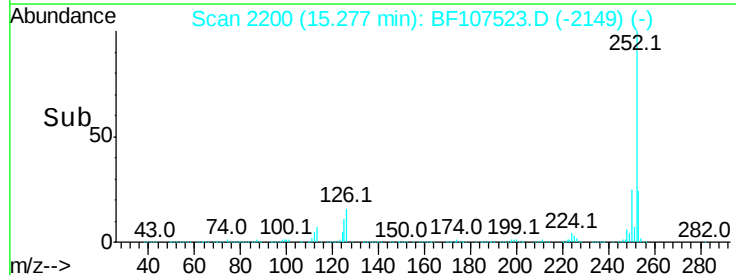
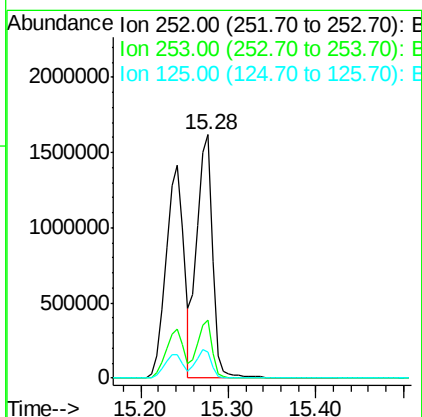
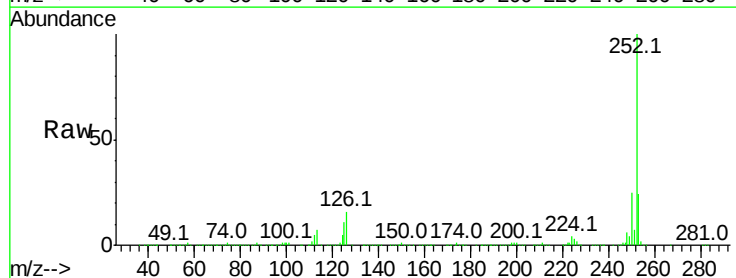
Instrument :
BNA_F
ClientSampleId :

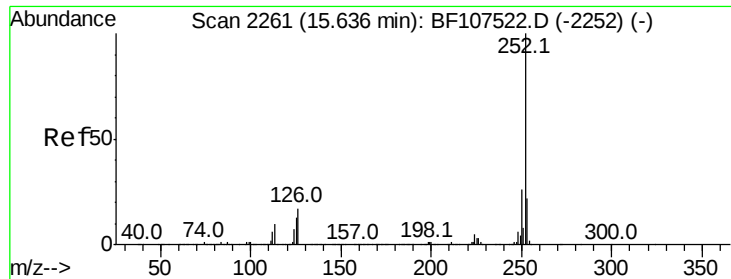
Tot Ion:252 Resp: 1995764
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.867 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:252 Resp: 2040553
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 10.7 10.2 15.2

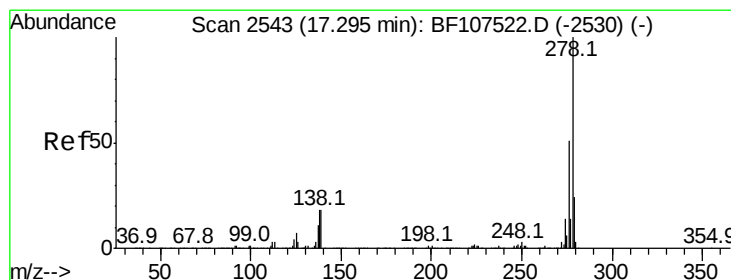
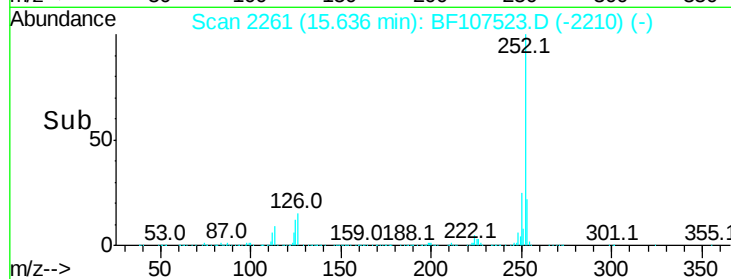
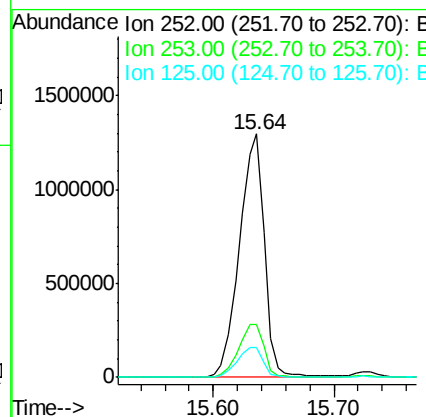
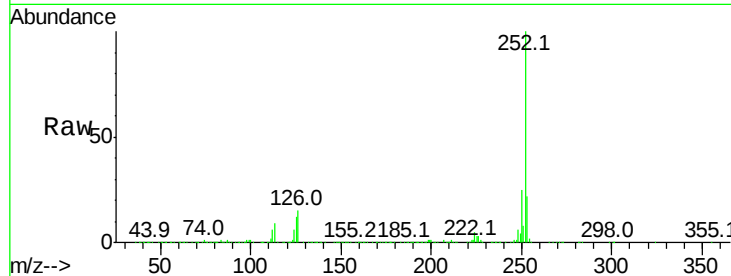




#89
Benzo(a)pyrene
Concen: 45.702 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

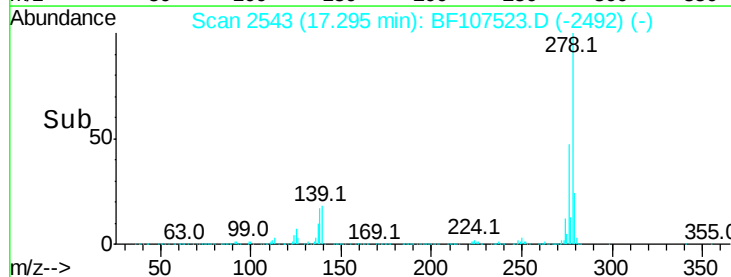
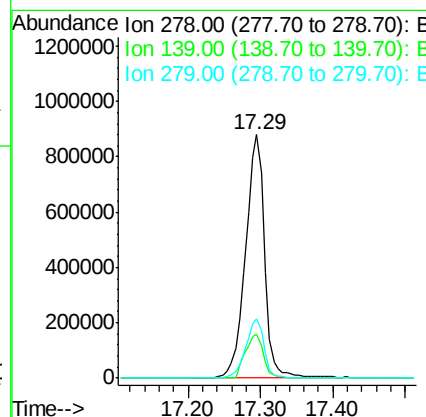
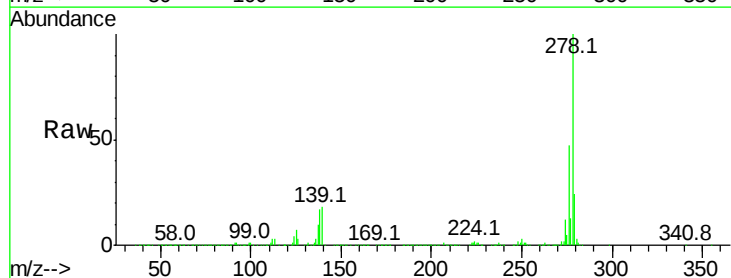
Instrument :
BNA_F
ClientSampleId :

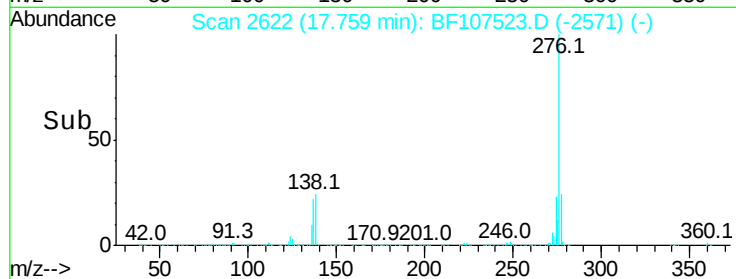
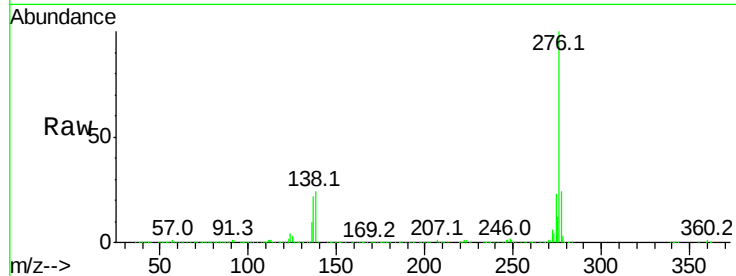
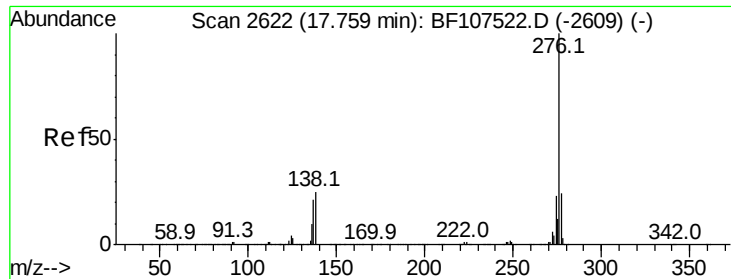
Tot Ion:252 Resp: 1871445
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 12.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 52.104 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BF107523.D
Acq: 20 Jul 2018 14:36

Tgt Ion:278 Resp: 1610240
Ion Ratio Lower Upper
278 100
139 18.2 15.9 23.9
279 24.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 51.238 ng

RT: 17.76 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BF107523.D

Acq: 20 Jul 2018 14:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1608997

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	23.7	21.8	32.8

276 100

277 24.1 17.9 26.9

138 23.7 21.8 32.8

