

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107525.D
 Acq On : 20 Jul 2018 15:29
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 15:50:54 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	336013	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	1333763	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	594816	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	1149362	20.00	ng	0.00
75) Chrysene-d12	14.17	240	765509	20.00	ng	0.00
86) Perylene-d12	15.70	264	675554	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	2980397	134.71	ng	0.00
7) Phenol-d6	6.62	99	3419293	119.54	ng	0.01
23) Nitrobenzene-d5	7.55	82	3070428	122.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	978672	187.26	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	4411899	106.58	ng	0.00
78) Terphenyl-d14	13.11	244	4011599	130.20	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	738314	67.594	ng	# 83
3) Pyridine	3.64	79	2075389	70.447	ng	# 85
4) n-Nitrosodimethylamine	3.63	42	851135	70.358	ng	96
6) Aniline	6.66	93	2292020	60.615	ng	# 88
8) 2-Chlorophenol	6.78	128	1532129	68.477	ng	97
9) Benzaldehyde	6.54	77	915586	39.790	ng	99
10) Phenol	6.64	94	2002380	65.295	ng	77
11) bis(2-Chloroethyl)ether	6.72	93	1799819	71.918	ng	89
12) 1,3-Dichlorobenzene	6.92	146	1775444	65.359	ng	98
13) 1,4-Dichlorobenzene	7.00	146	1776112	65.958	ng	95
14) 1,2-Dichlorobenzene	7.15	146	1512264	60.022	ng	95
15) Benzyl Alcohol	7.13	79	1148546	39.982	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	2590277	96.995	ng	86
17) 2-Methylphenol	7.24	107	1312075	61.677	ng	# 90
18) Hexachloroethane	7.49	117	671645	67.035	ng	97
19) n-Nitroso-di-n-propylamine	7.41	70	1113750	54.380	ng	99
20) 3+4-Methylphenols	7.40	107	1405385	52.006	ng	# 73
22) Acetophenone	7.40	105	2003385	54.669	ng	# 91
24) Nitrobenzene	7.57	77	1682923	59.872	ng	98
25) Isophorone	7.81	82	3089970	62.326	ng	98
26) 2-Nitrophenol	7.88	139	883828	92.498	ng	100
27) 2,4-Dimethylphenol	7.92	122	1381513	69.335	ng	98
28) bis(2-Chloroethoxy)methane	8.01	93	1934578	62.307	ng	97
29) 2,4-Dichlorophenol	8.12	162	1344841	64.859	ng	96
30) 1,2,4-Trichlorobenzene	8.20	180	1436504	57.212	ng	99
31) Naphthalene	8.29	128	3613278	55.773	ng	# 89
32) Benzoic acid	8.08	122	1096072	89.632	ng	95
33) 4-Chloroaniline	8.34	127	1591304	56.717	ng	94
34) Hexachlorobutadiene	8.40	225	865864	51.537	ng	99
35) Caprolactam	8.75	113	431476	63.971	ng	# 78
36) 4-Chloro-3-methylphenol	8.83	107	1476405	54.494	ng	96
37) 2-Methylnaphthalene	8.98	142	2581178	60.444	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	1347497	58.216	ng	98
40) Hexachlorocyclopentadiene	9.12	237	832240	68.840	ng	98

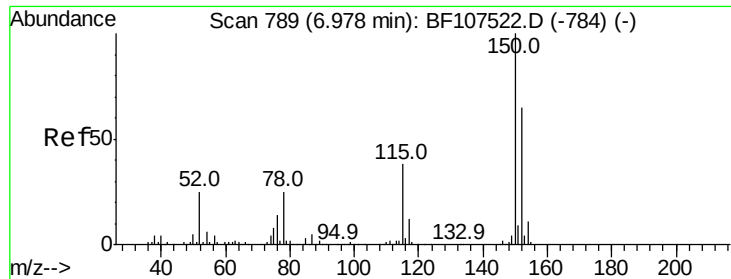
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	943613	65.307	ng	98
43) 2,4,5-Trichlorophenol	9.31	196	977940	70.750	ng	96
45) 1,1'-Biphenyl	9.45	154	3140251	61.061	ng	92
46) 2-Chloronaphthalene	9.47	162	2574377	63.379	ng	92
47) 2-Nitroaniline	9.58	65	987758	79.464	ng	92
48) Acenaphthylene	9.89	152	3610215	63.689	ng	# 88
49) Dimethylphthalate	9.75	163	3071457	64.990	ng	# 96
50) 2,6-Dinitrotoluene	9.81	165	720363	79.878	ng	# 89
51) Acenaphthene	10.06	154	2361877	62.853	ng	96
52) 3-Nitroaniline	10.00	138	879068	92.803	ng	95
53) 2,4-Dinitrophenol	10.09	184	332209	104.559	ng	# 20
54) Dibenzofuran	10.24	168	3219210	55.437	ng	# 89
55) 4-Nitrophenol	10.16	139	676018	88.196	ng	96
56) 2,4-Dinitrotoluene	10.22	165	845895	71.962	ng	# 89
57) Fluorene	10.58	166	2473498	64.315	ng	# 95
58) 2,3,4,6-Tetrachlorophenol	10.35	232	817987	61.092	ng	92
59) Diethylphthalate	10.44	149	2952853	64.313	ng	# 90
60) 4-Chlorophenyl-phenylether	10.57	204	1364594	59.568	ng	94
61) 4-Nitroaniline	10.62	138	585772	64.980	ng	98
62) Azobenzene	10.72	77	2765861	51.298	ng	86
64) 4,6-Dinitro-2-methylphenol	10.63	198	485458	88.664	ng	93
65) n-Nitrosodiphenylamine	10.69	169	2463927	67.875	ng	95
66) 4-Bromophenyl-phenylether	11.06	248	913617	69.478	ng	# 87
67) Hexachlorobenzene	11.12	284	1020061	83.802	ng	# 88
68) Atrazine	11.21	200	822915	59.989	ng	96
69) Pentachlorophenol	11.32	266	722036	80.269	ng	98
70) Phenanthrene	11.55	178	3304143	57.685	ng	# 92
71) Anthracene	11.60	178	3321982	58.228	ng	# 90
72) Carbazole	11.75	167	3532540	65.403	ng	# 90
73) Di-n-butylphthalate	12.07	149	3817439	61.500	ng	# 90
74) Fluoranthene	12.74	202	3577242	54.947	ng	92
76) Benzidine	13.11	184	64168	2.160	ng	98
77) Pyrene	12.97	202	3536118	67.929	ng	# 89
79) Butylbenzylphthalate	13.57	149	1865501	98.382	ng	# 98
80) Benzo(a)anthracene	14.16	228	3084790	65.860	ng	91
81) 3,3'-Dichlorobenzidine	14.12	252	854246	54.381	ng	95
82) Chrysene	14.20	228	2835737	63.379	ng	91
83) Bis(2-ethylhexyl)phthalate	14.12	149	2222914	81.808	ng	94
84) Di-n-octyl phthalate	14.75	149	3424760	81.080	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.29	276	2848256	89.433	ng	96
87) Benzo(b)fluoranthene	15.25	252	2726668	68.958	ng	97
88) Benzo(k)fluoranthene	15.28	252	2432791	63.044	ng	96
89) Benzo(a)pyrene	15.64	252	2453566	67.605	ng	96
90) Dibenzo(a,h)anthracene	17.31	278	2314047	84.484	ng	97
91) Benzo(g,h,i)perylene	17.78	276	2393335	85.992	ng	94

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

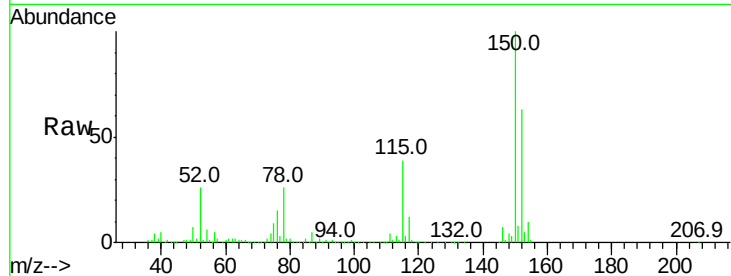


#1

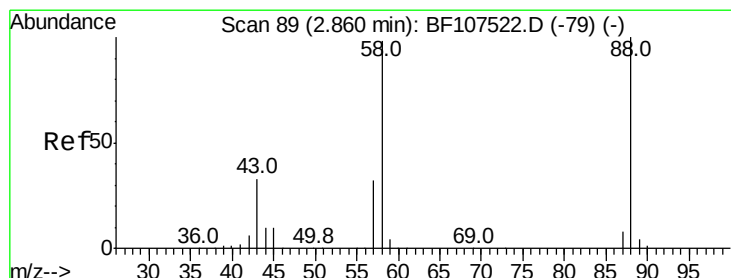
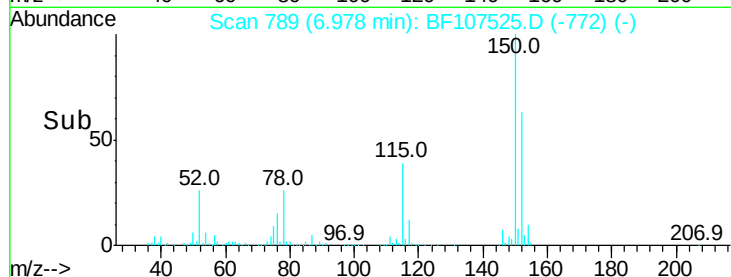
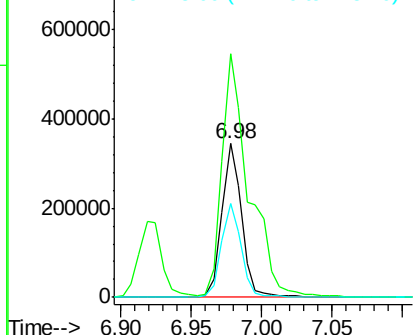
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 336013
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.3 50.1 75.1



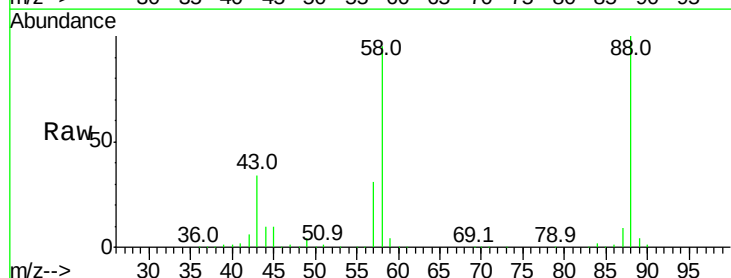
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



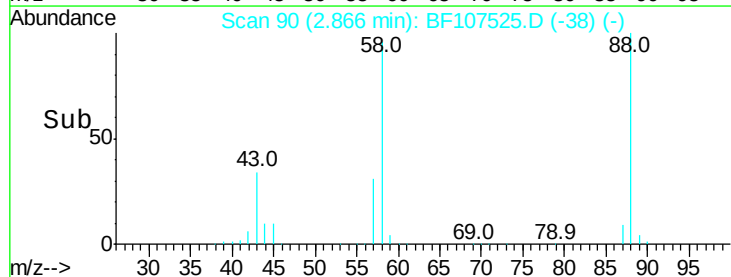
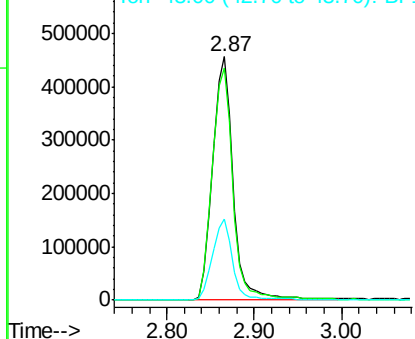
#2

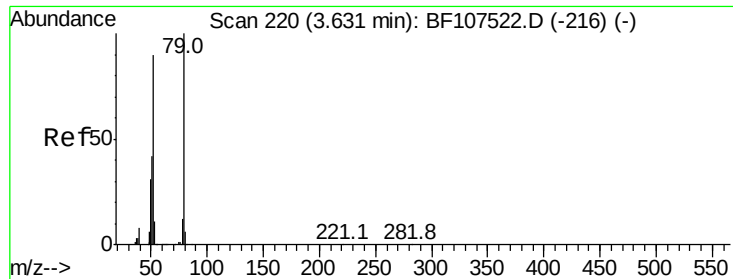
1,4-Dioxane
Concen: 67.594 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion: 88 Resp: 738314
Ion Ratio Lower Upper
88 100
58 98.0 62.6 93.8#
43 32.5 24.6 37.0



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





#3

Pvridine

Concen: 70.447 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

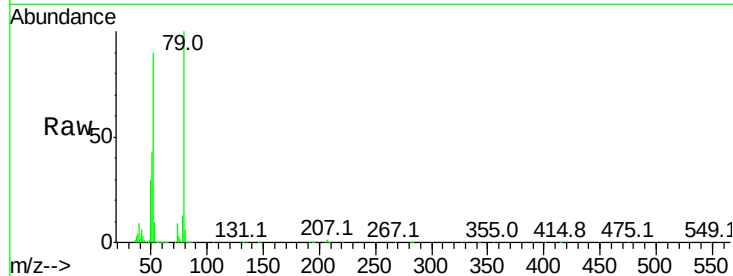
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 2075389

Ion	Ratio	Lower	Upper
79	100		
52	89.8	59.8	89.6#
51	43.1	29.8	44.8

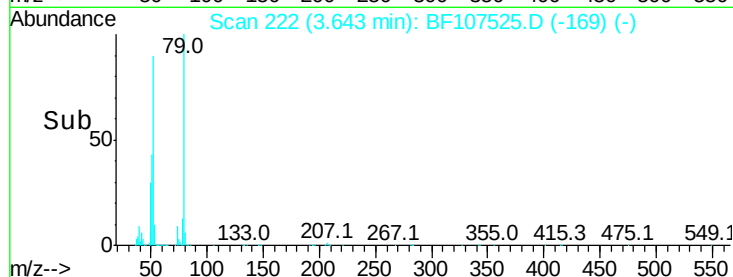


Abundance Ion 79.00 (78.70 to 79.70): BF1

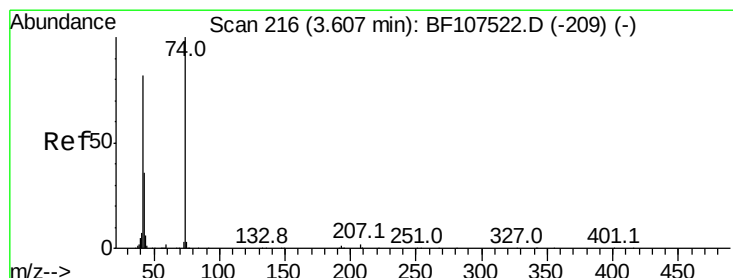
Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

3.64



Time-->



#4

n-Nitrosodimethylamine

Concen: 70.358 ng

RT: 3.63 min Scan# 220

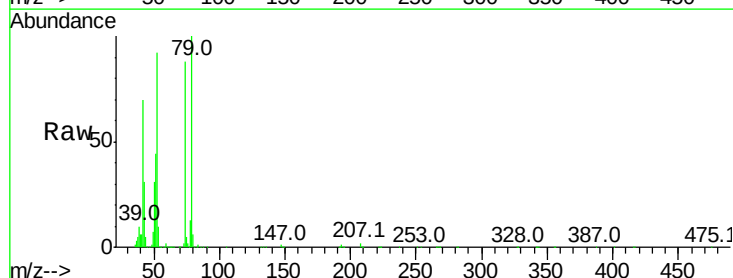
Delta R.T. 0.02 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Tgt Ion: 42 Resp: 851135

Ion	Ratio	Lower	Upper
42	100		
74	126.1	104.9	157.3
44	7.0	6.9	10.3

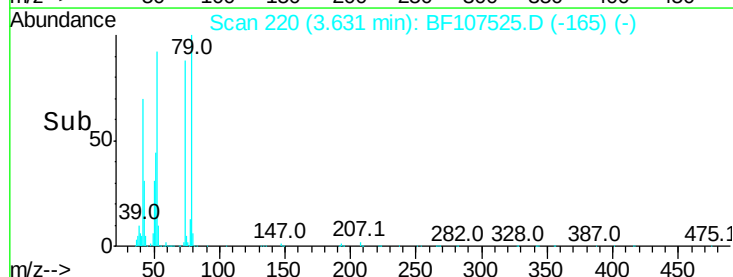


Abundance Ion 42.00 (41.70 to 42.70): BF1

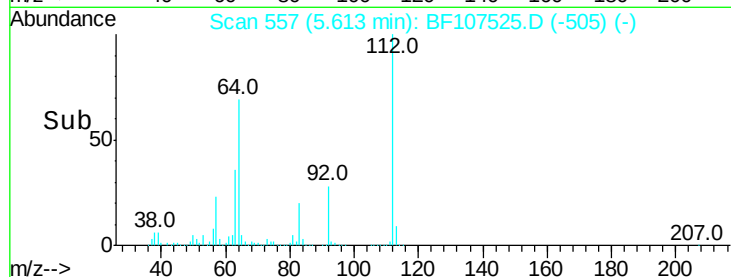
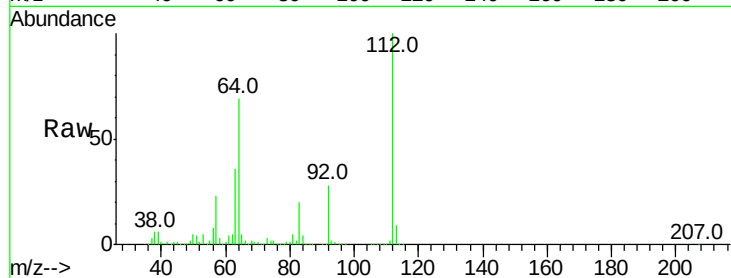
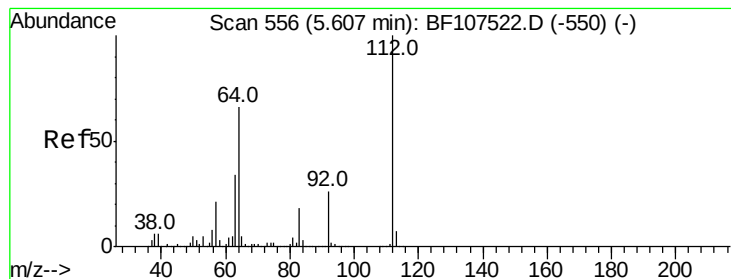
Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

3.63



Time-->



#5

2-Fluorophenol

Concen: 134.711 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

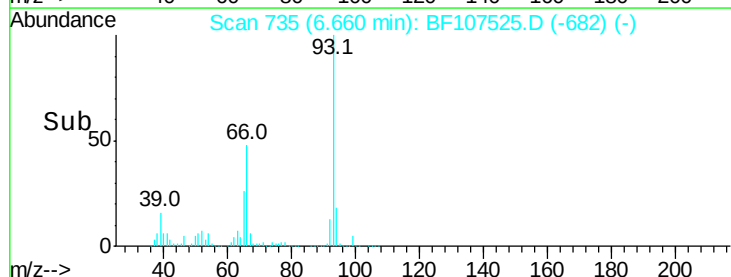
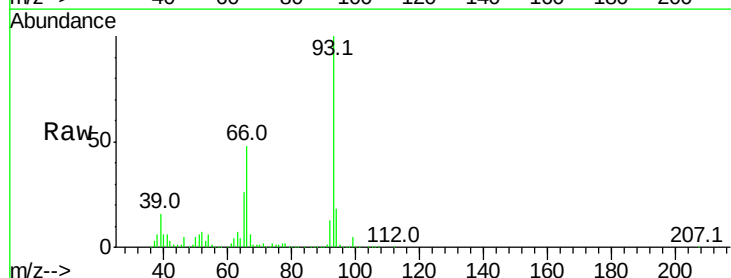
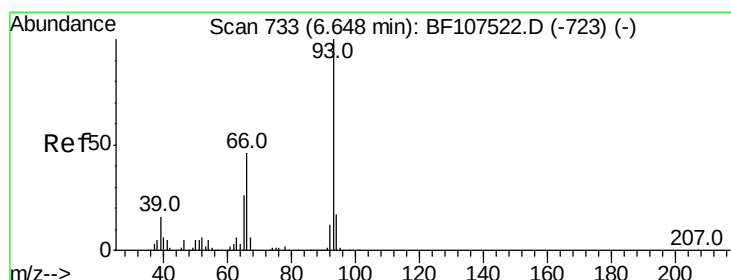
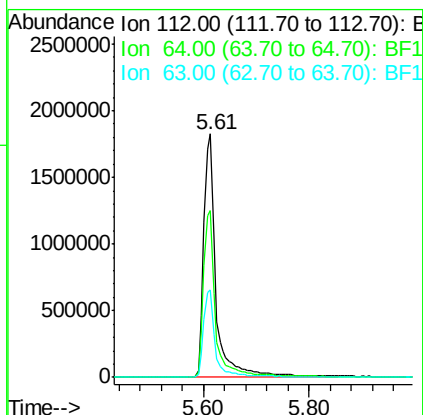
Tot Ion:112 Resp: 2980397

Ion Ratio Lower Upper

112 100

64 68.7 47.9 71.9

63 35.8 23.7 35.5#



#6

Aniline

Concen: 60.615 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

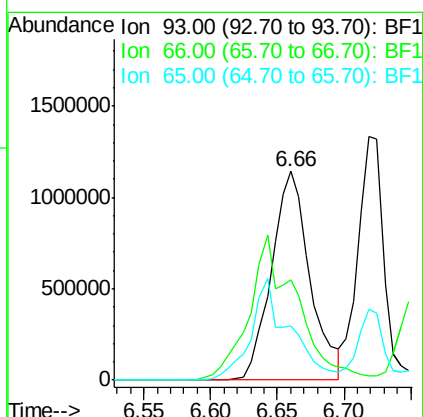
Tgt Ion: 93 Resp: 2292020

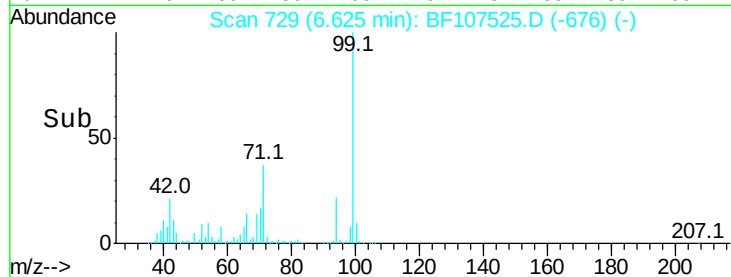
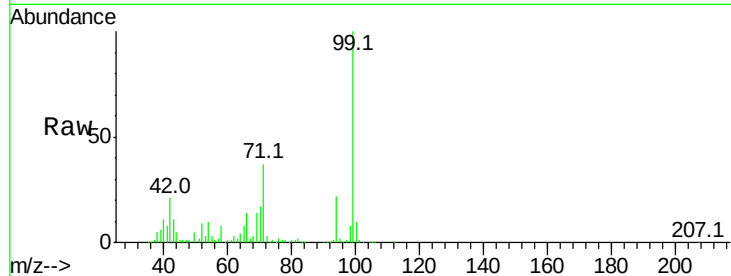
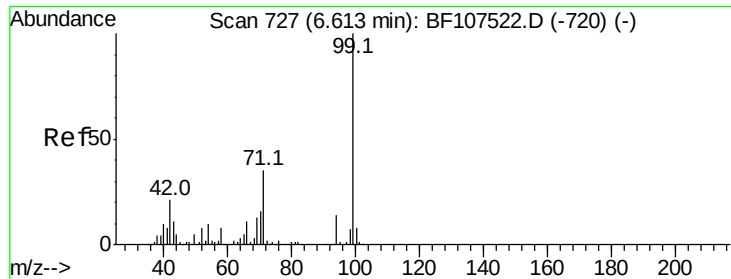
Ion Ratio Lower Upper

93 100

66 47.9 32.2 48.2

65 25.7 16.4 24.6#





#7

Phenol-d6

Concen: 119.538 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

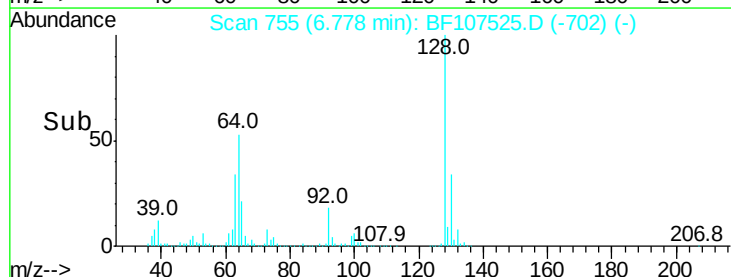
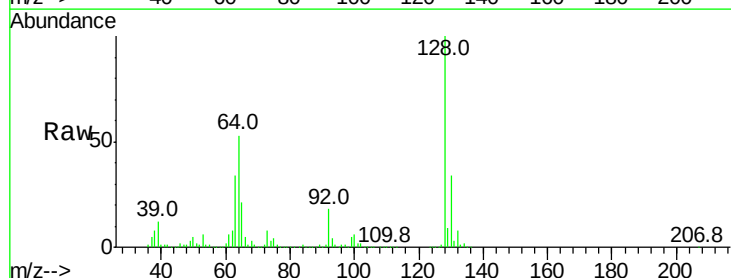
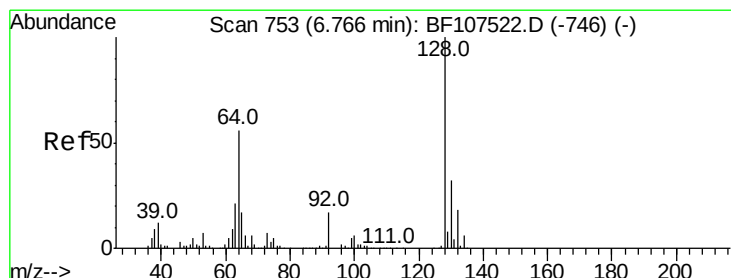
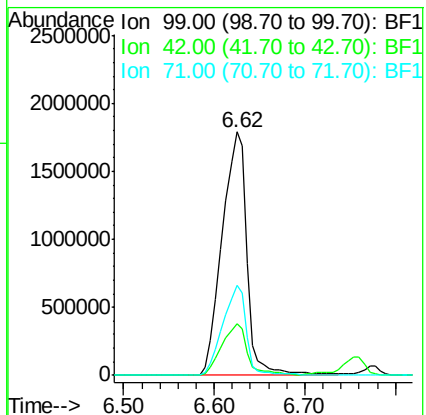
Tot Ion: 99 Resp: 3419293

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 37.1 25.4 38.0



#8

2-Chlorophenol

Concen: 68.477 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

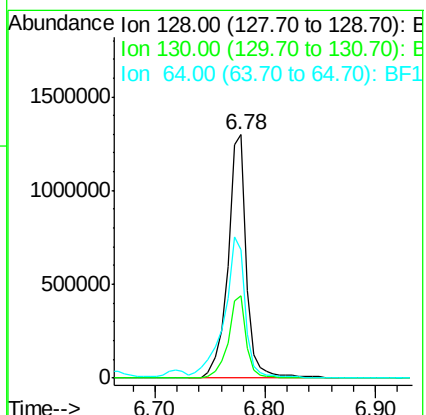
Tgt Ion: 128 Resp: 1532129

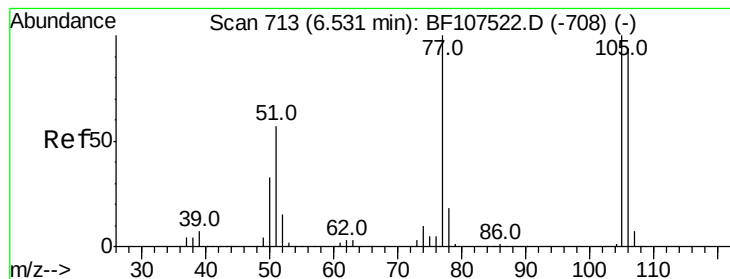
Ion Ratio Lower Upper

128 100

130 33.8 13.0 53.0

64 52.7 29.4 69.4





#9

Benzaldehyde

Concen: 39.790 ng

RT: 6.54 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

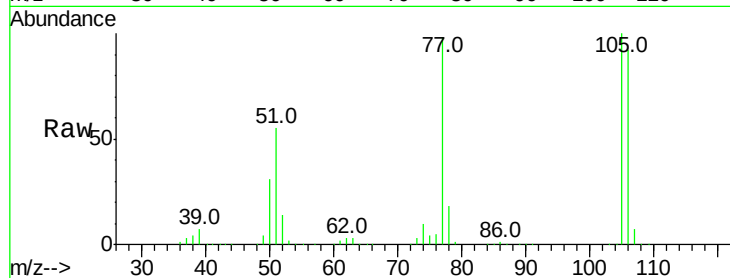
Tot Ion: 77 Resp: 915586

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

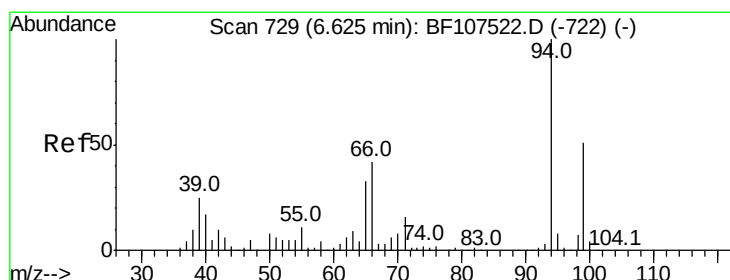
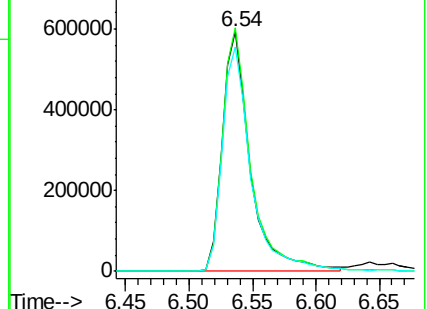
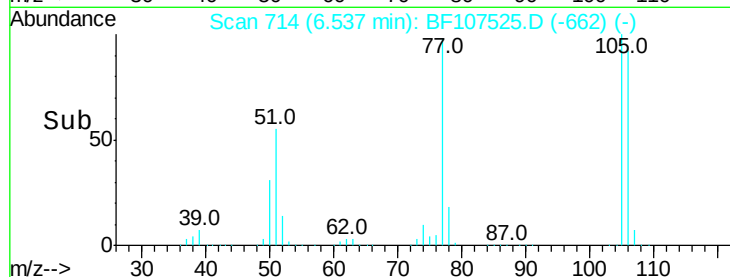
106 93.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 65.295 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.02 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

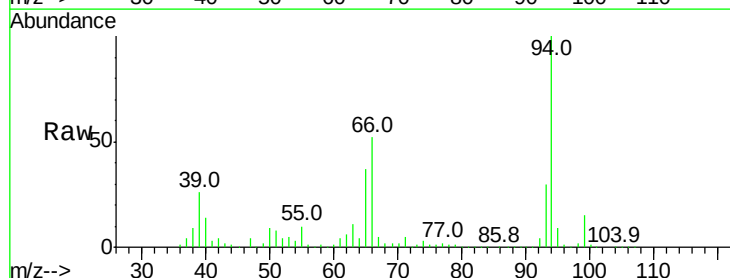
Tgt Ion: 94 Resp: 2002380

Ion Ratio Lower Upper

94 100

65 36.8 7.9 47.9

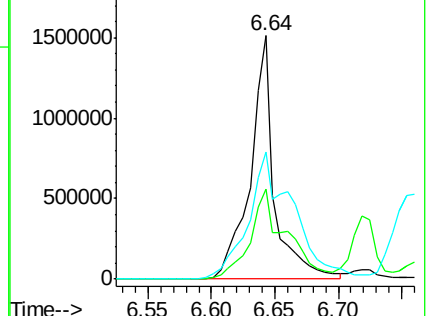
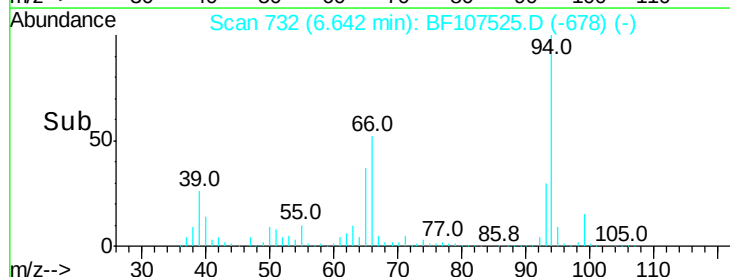
66 52.5 16.2 56.2

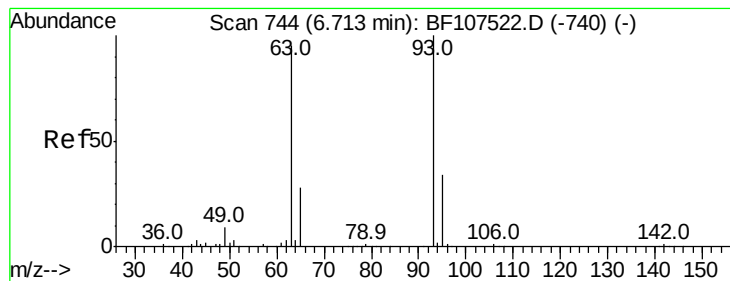


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 71.918 ng

RT: 6.72 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

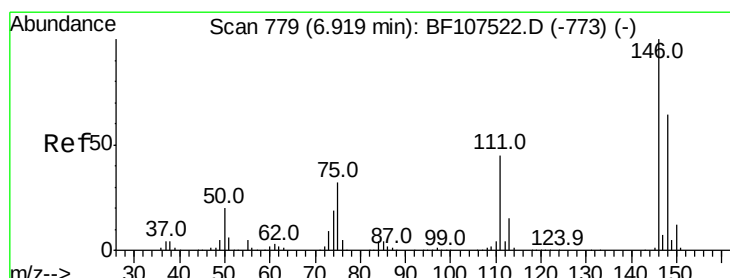
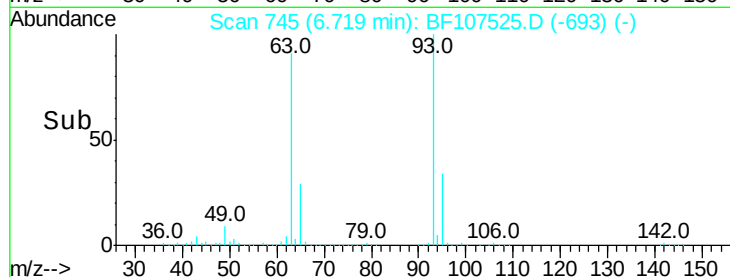
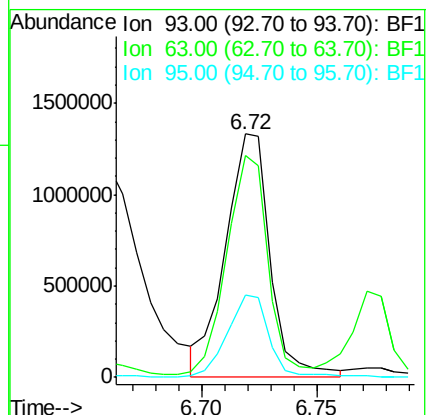
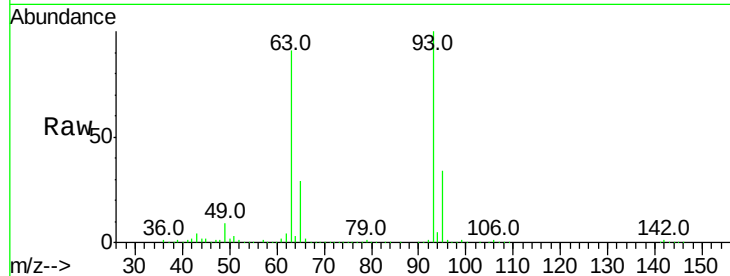
Tot Ion: 93 Resp: 1799819

Ion Ratio Lower Upper

93 100

63 91.2 58.6 98.6

95 33.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 65.359 ng

RT: 6.92 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

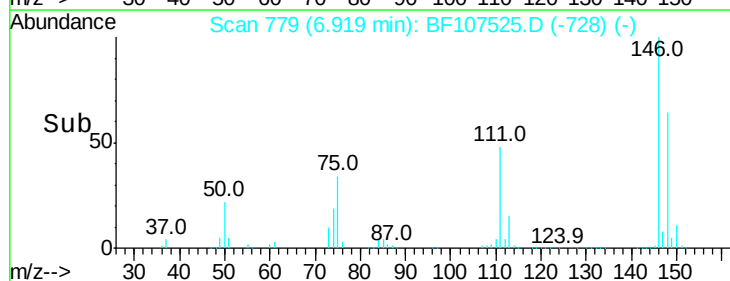
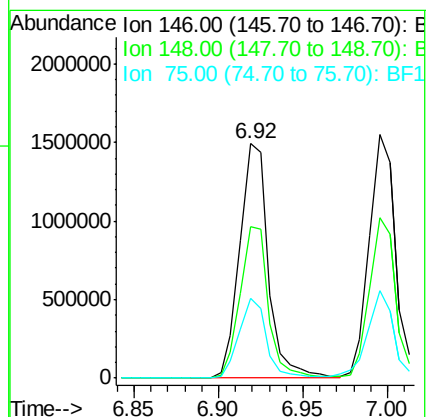
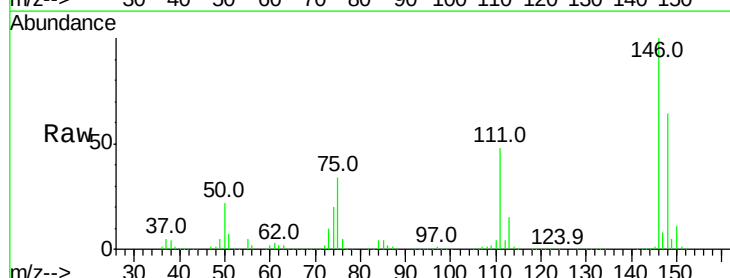
Tgt Ion:146 Resp: 1775444

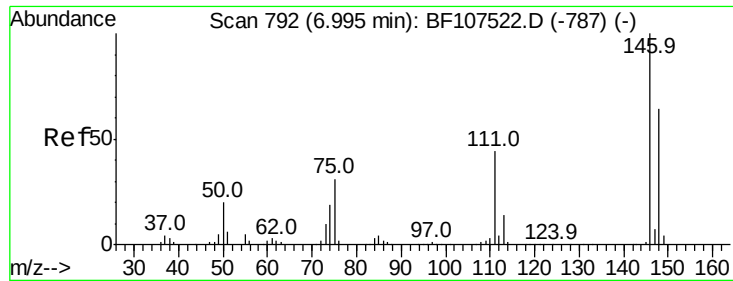
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 34.0 24.2 36.4

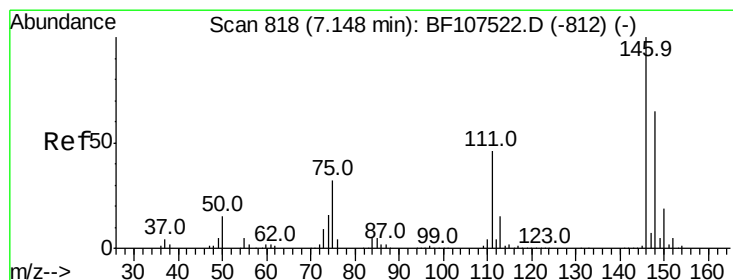
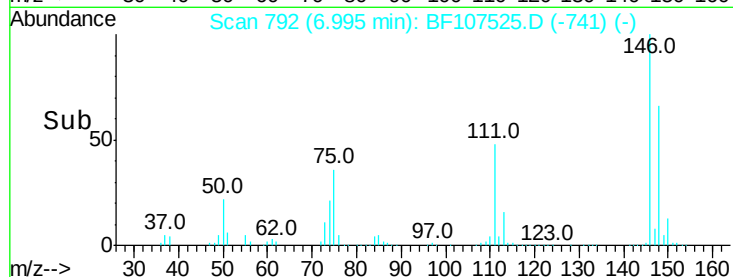
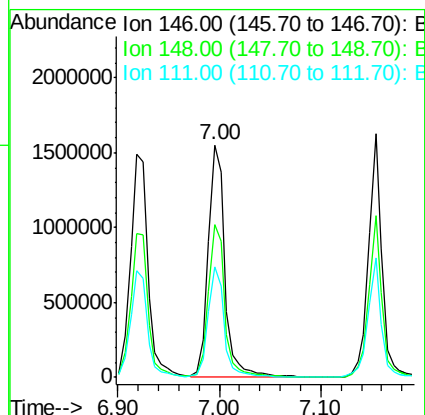
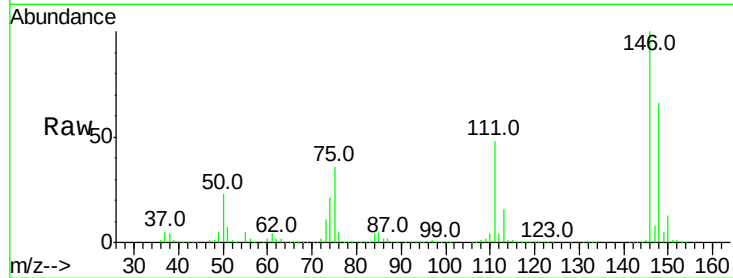




#13
 1,4-Dichlorobenzene
 Concen: 65.958 ng
 RT: 7.00 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

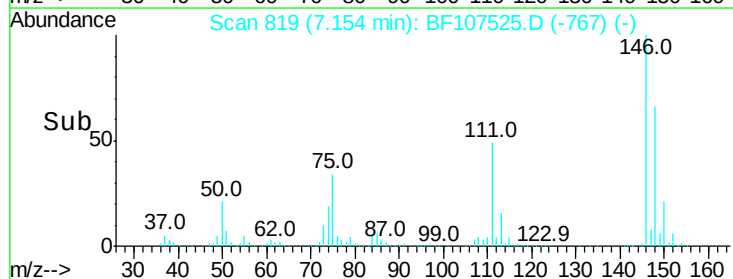
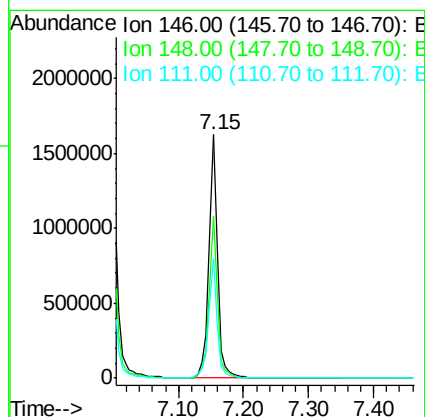
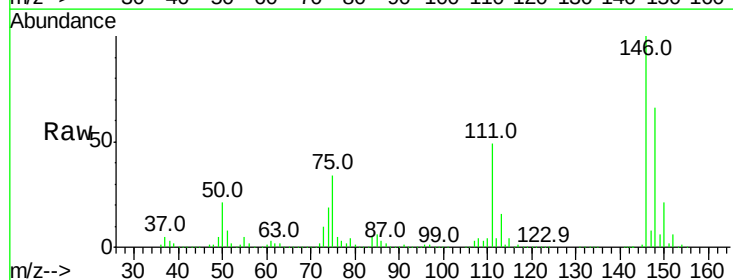
Instrument :
 BNA_F
 ClientSampleId :

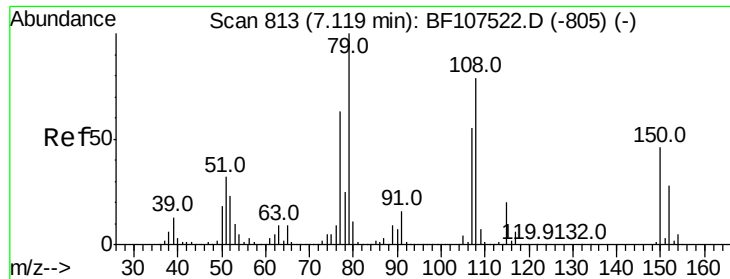
Tot Ion:146 Resp: 1776112
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.8 76.2
 111 47.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 60.022 ng
 RT: 7.15 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion:146 Resp: 1512264
 Ion Ratio Lower Upper
 146 100
 148 66.3 50.6 75.8
 111 49.0 36.0 54.0

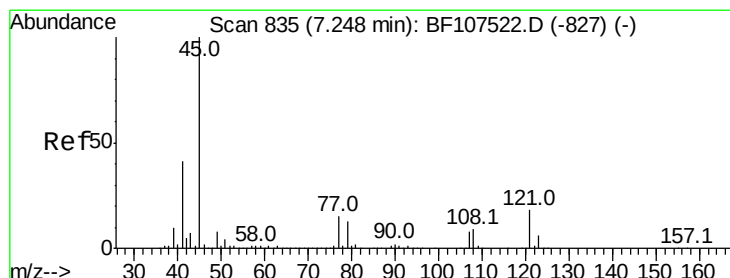
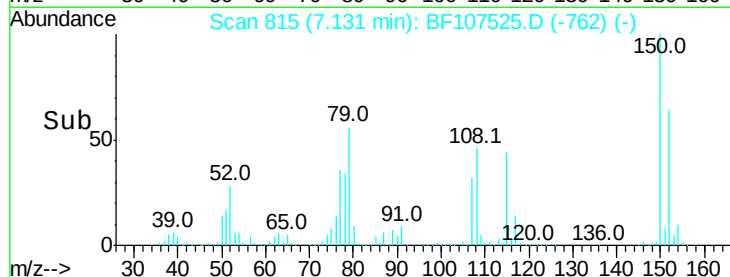
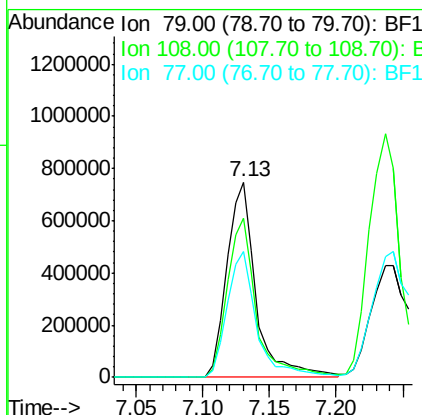
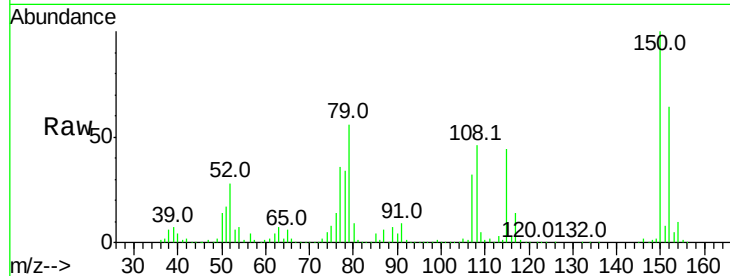




#15
Benzyl Alcohol
Concen: 39.982 ng
RT: 7.13 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

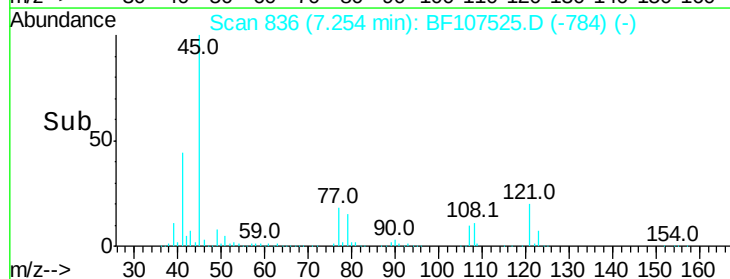
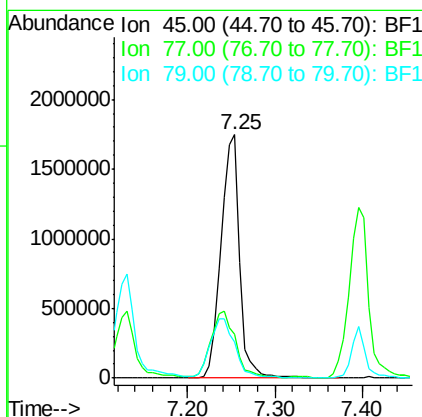
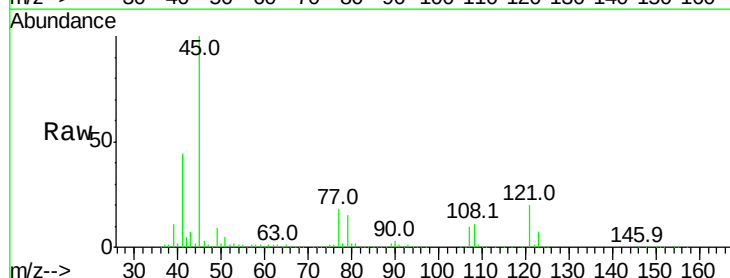
Instrument :
BNA_F
ClientSampled :

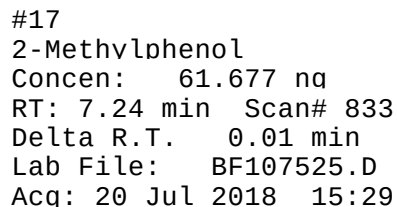
Tot Ion: 79 Resp: 1148546
Ion Ratio Lower Upper
79 100
108 81.6 65.1 97.7
77 64.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 96.995 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

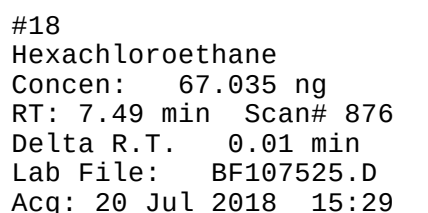
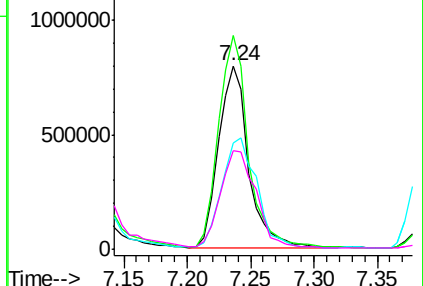
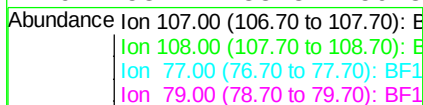
Tgt Ion: 45 Resp: 2590277
Ion Ratio Lower Upper
45 100
77 18.2 0.0 32.9
79 14.9 0.0 29.6



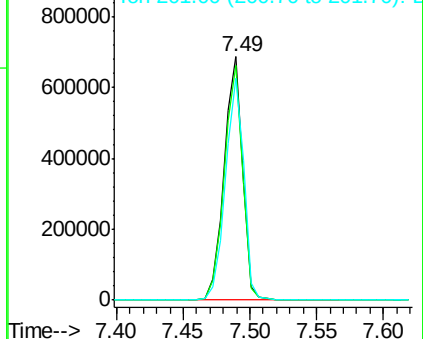
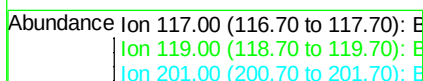


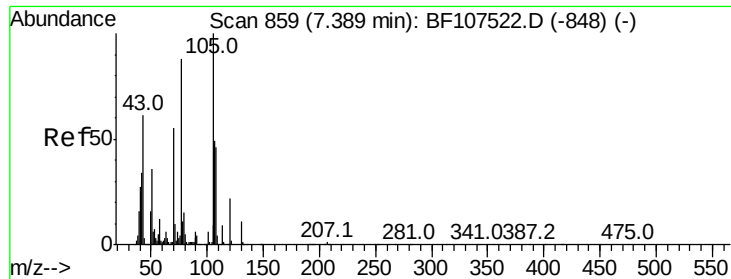
Instrument :
BNA_F
ClientSampleId :

Tat	Ion:107	Resp:	1312075
Ion	Ratio	Lower	Upper
107	100		
108	116.3	91.7	137.5
77	57.6	33.8	50.8#
79	53.4	33.8	50.8#



Tgt	Ion:117	Resp:	671645
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.8
201	90.9	75.7	113.5

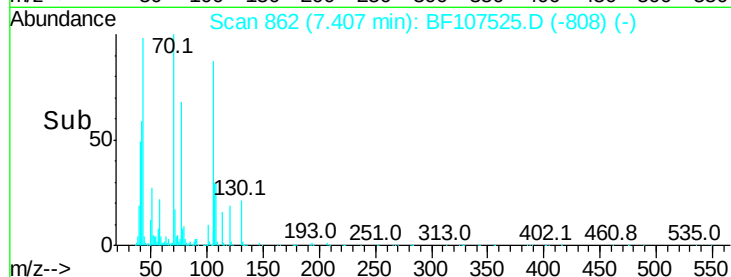
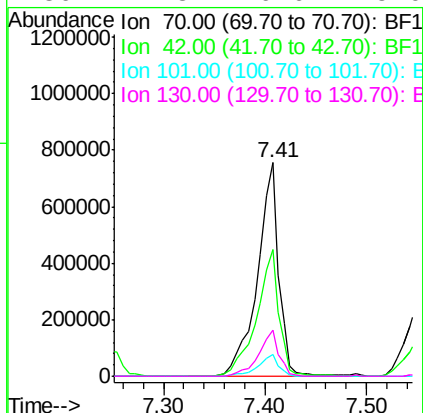
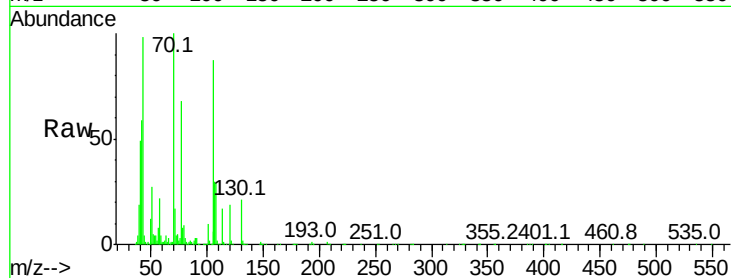




#19
n-Nitroso-di-n-propylamine
Concen: 54.380 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

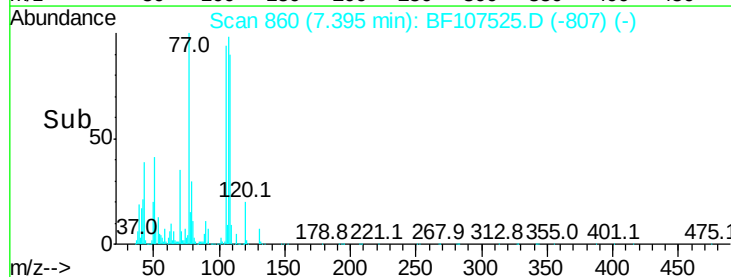
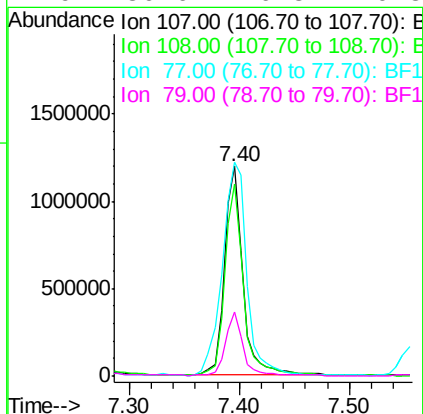
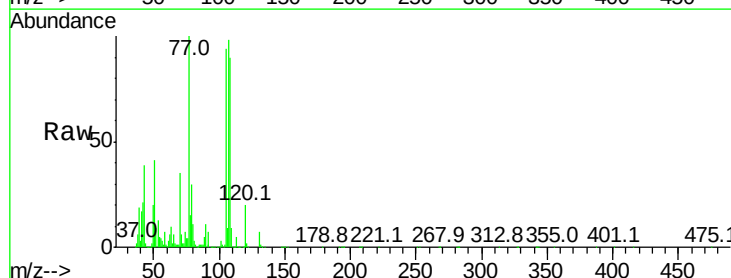
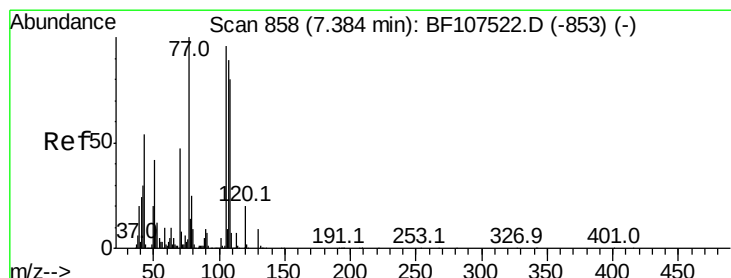
Instrument :
BNA_F
ClientSampleId :

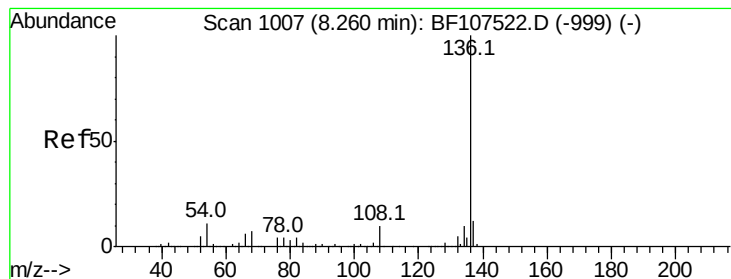
Tot Ion: 70 Resp: 1113750
Ion Ratio Lower Upper
70 100
42 59.2 47.5 71.3
101 10.0 7.4 11.2
130 21.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 52.006 ng
RT: 7.40 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion: 107 Resp: 1405385
Ion Ratio Lower Upper
107 100
108 91.5 68.2 108.2
77 101.8 26.7 66.7#
79 30.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

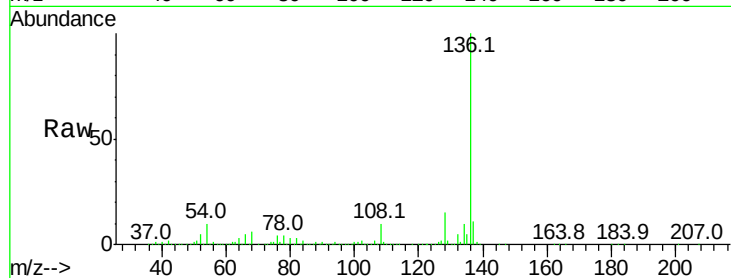
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1333763

Ion Ratio Lower Upper

136	100		
137	11.3	8.9	13.3
54	10.1	6.6	9.8#
68	6.0	5.0	7.4

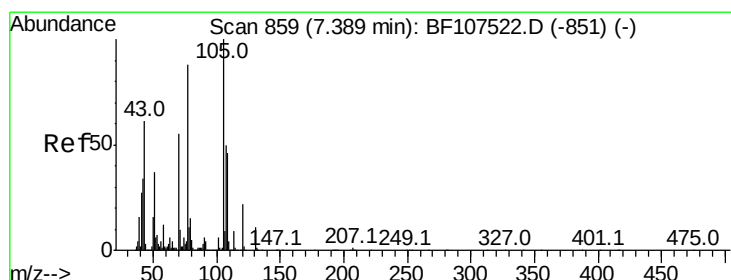
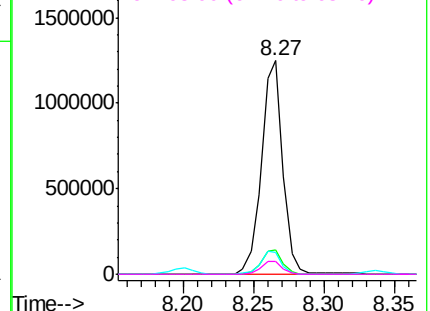
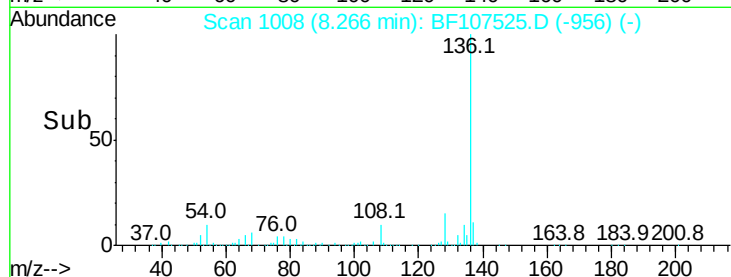


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.669 ng

RT: 7.40 min Scan# 861

Delta R.T. 0.01 min

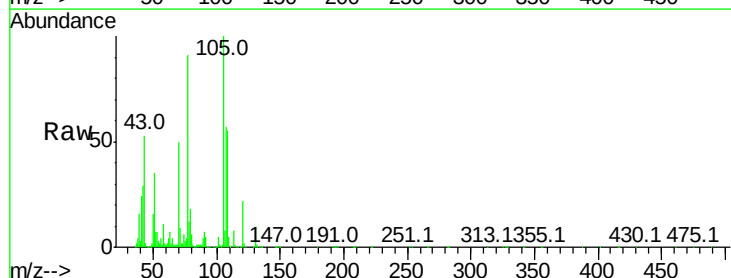
Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Tgt Ion:105 Resp: 2003385

Ion Ratio Lower Upper

105	100		
71	8.7	4.4	6.6#
51	35.1	22.3	33.5#
120	22.0	16.9	25.3

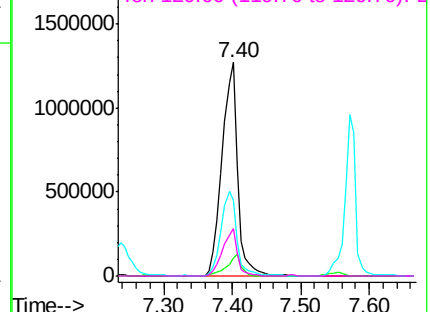
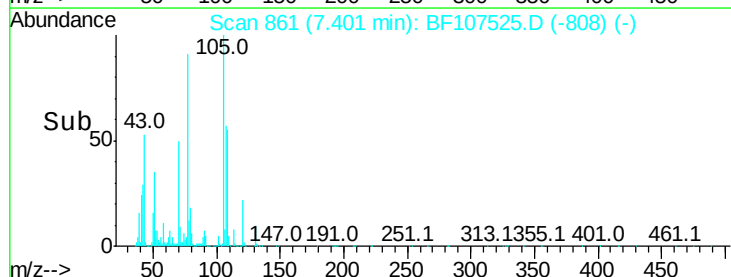


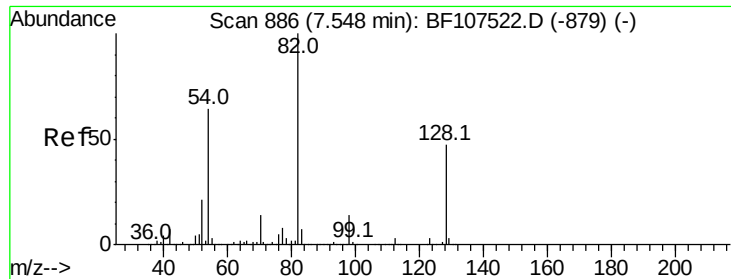
Abundance Ion 105.00 (104.70 to 105.70): E

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

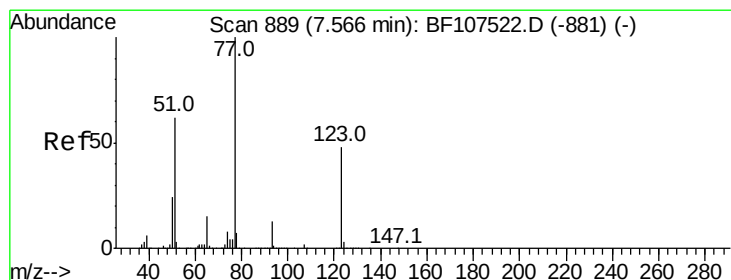
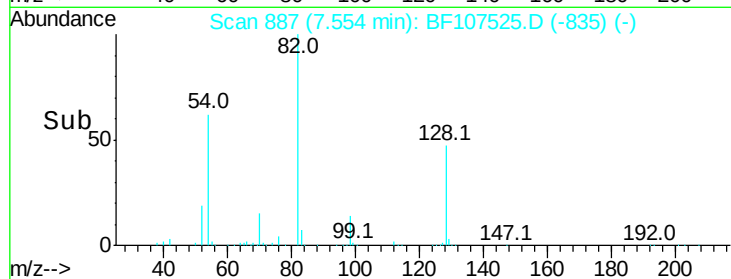
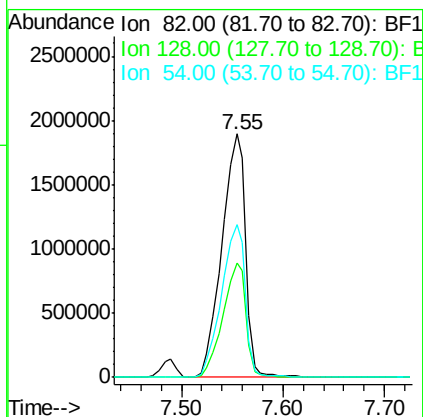
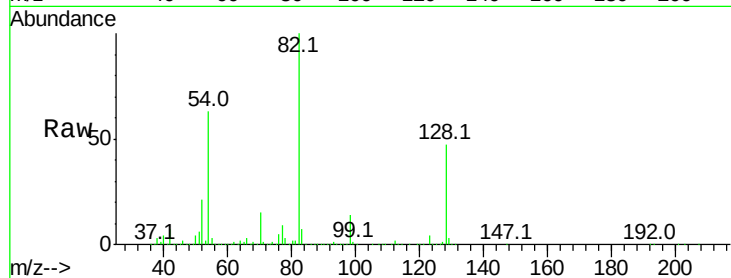




#23
 Nitrobenzene-d5
 Concen: 122.756 ng
 RT: 7.55 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

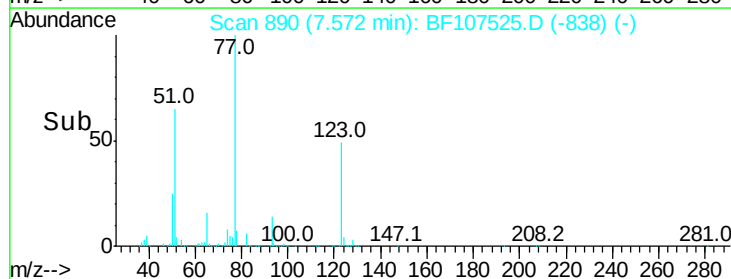
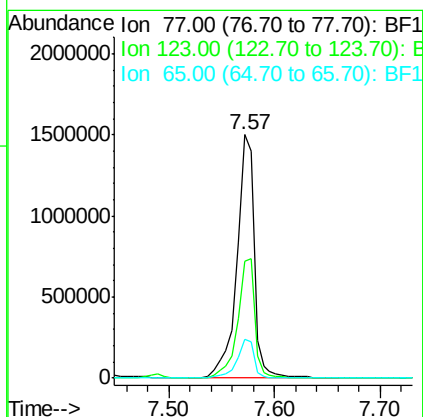
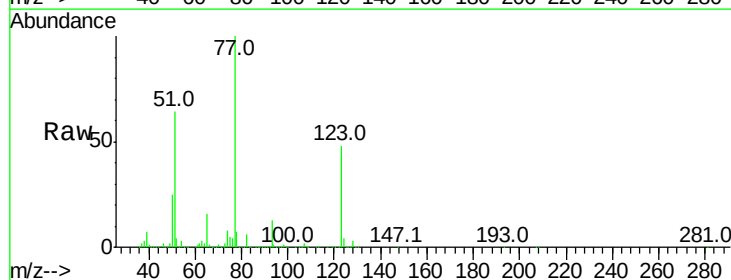
Instrument :
 BNA_F
 ClientSampleId :

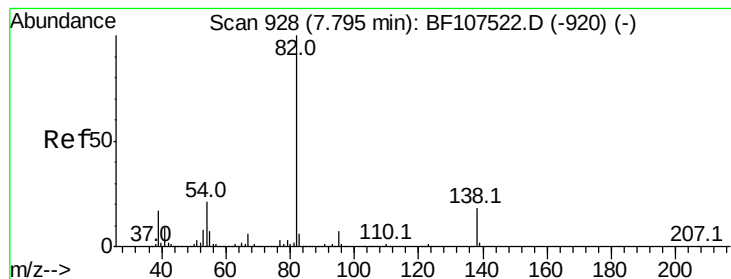
Tot Ion: 82 Resp: 3070428
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 62.8 41.4 62.2#



#24
 Nitrobenzene
 Concen: 59.872 ng
 RT: 7.57 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion: 77 Resp: 1682923
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.9 56.9
 65 16.0 11.0 16.4





#25

Isophorone

Concen: 62.326 ng

RT: 7.81 min Scan# 931

Delta R.T. 0.02 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

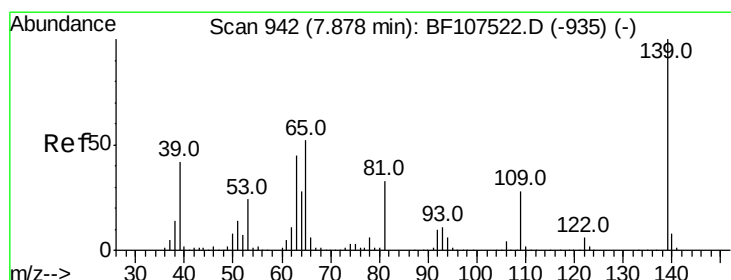
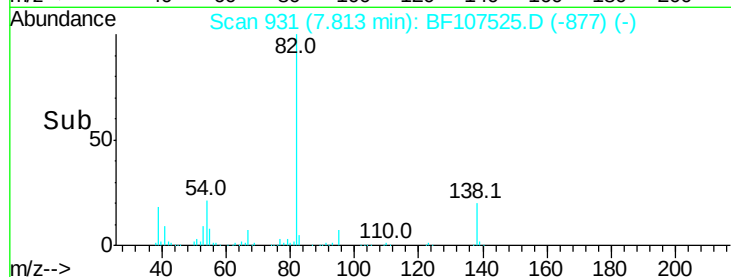
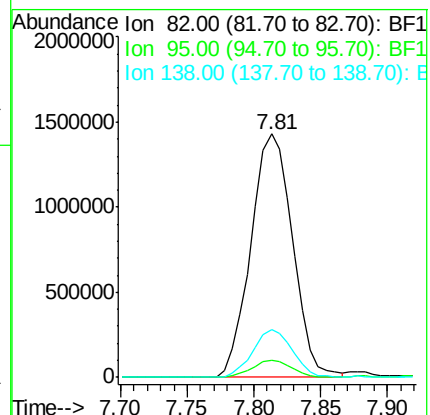
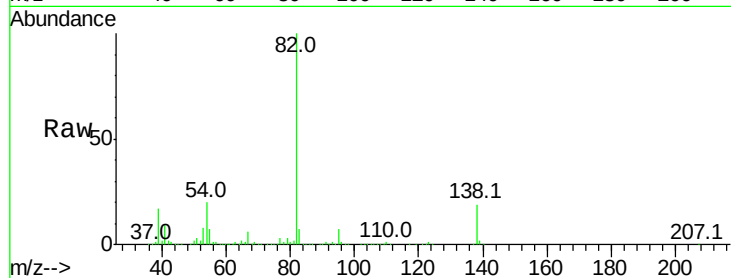
Tot Ion: 82 Resp: 3089970

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 92.498 ng

RT: 7.88 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

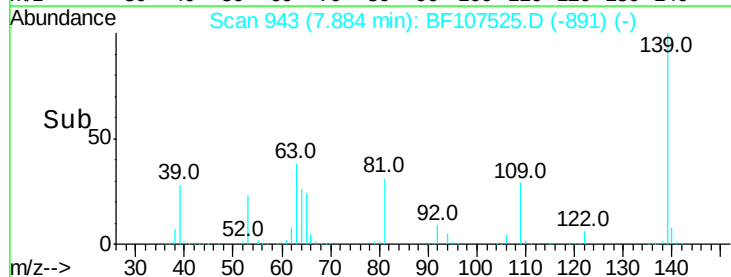
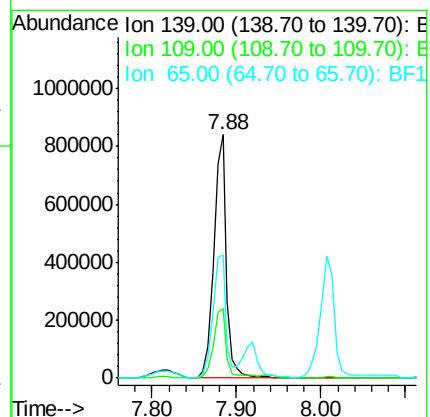
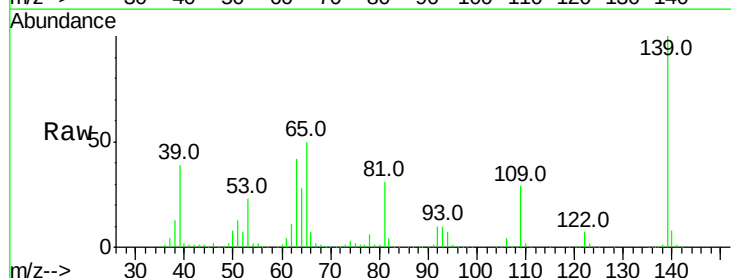
Tgt Ion: 139 Resp: 883828

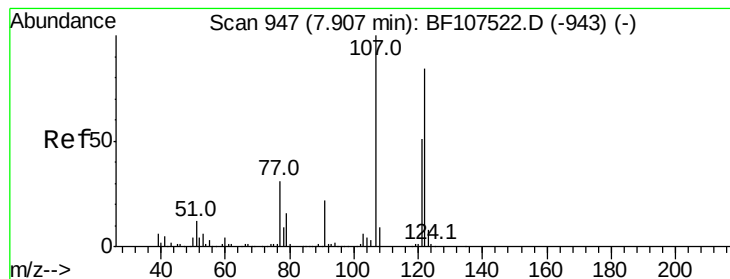
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 50.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 69.335 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

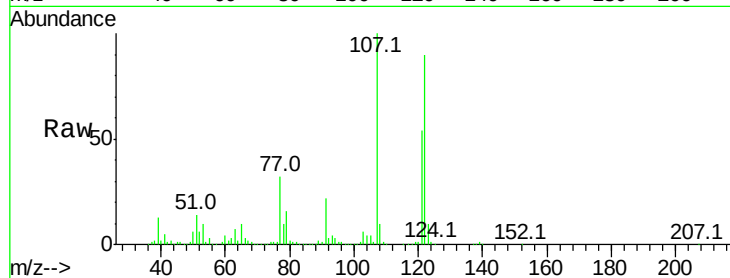
Tot Ion:122 Resp: 1381513

Ion Ratio Lower Upper

122 100

107 111.4 91.2 136.8

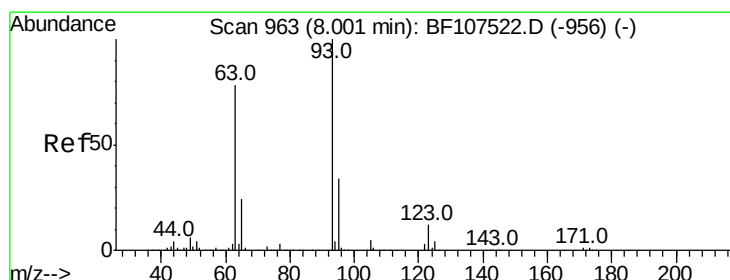
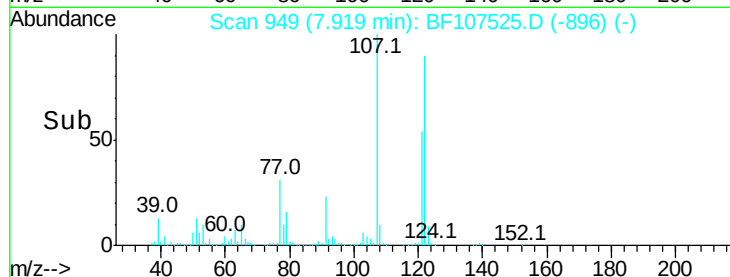
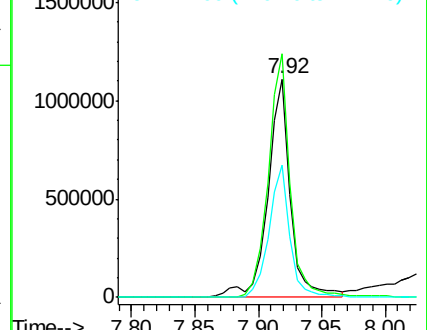
121 60.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 62.307 ng

RT: 8.01 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

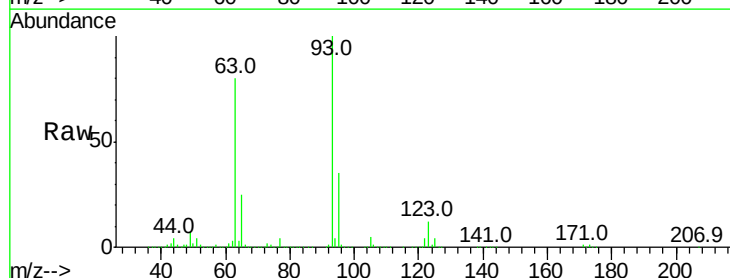
Tgt Ion: 93 Resp: 1934578

Ion Ratio Lower Upper

93 100

95 35.0 26.3 39.5

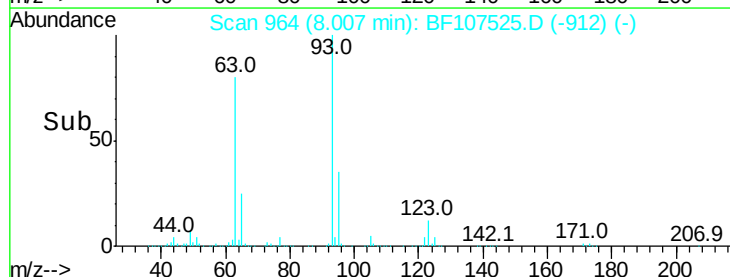
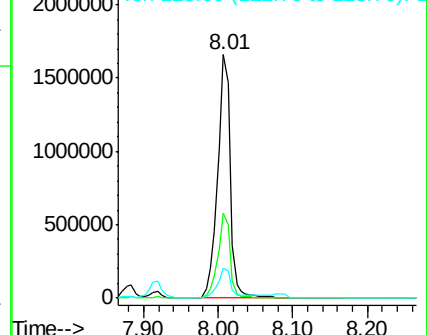
123 12.1 9.8 14.6

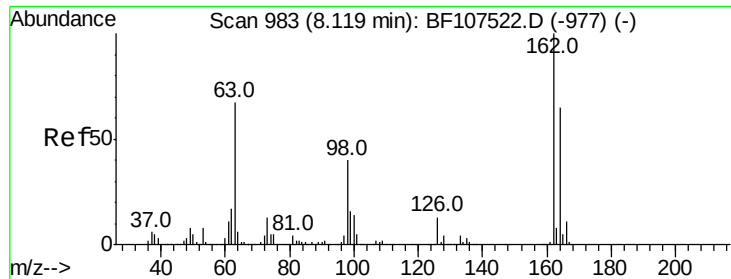


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 64.859 ng

RT: 8.12 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

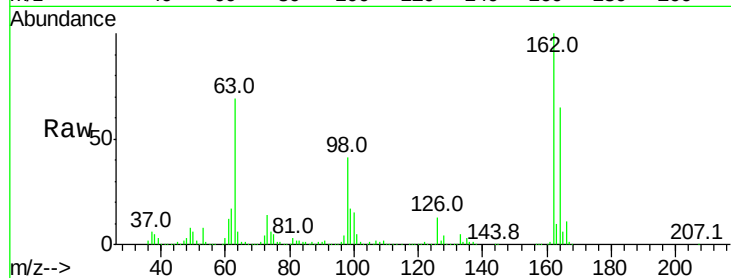
Tot Ion:162 Resp: 1344841

Ion Ratio Lower Upper

162 100

164 65.2 42.7 82.7

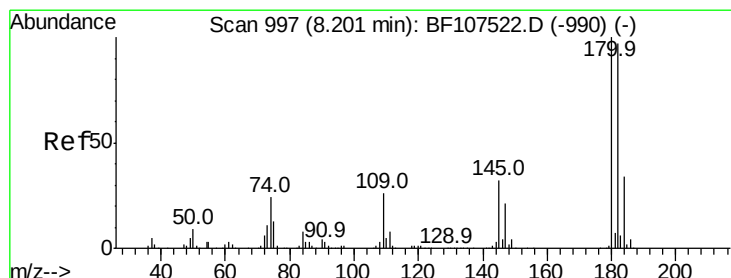
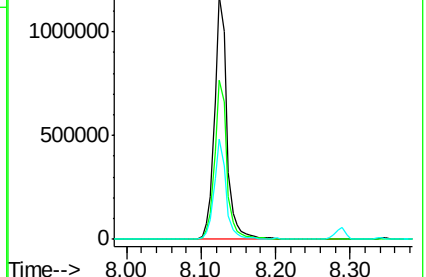
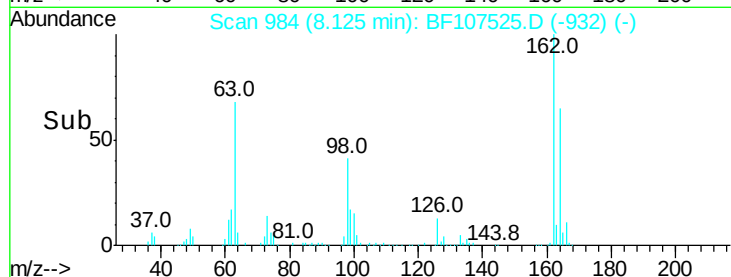
98 41.0 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 57.212 ng

RT: 8.20 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

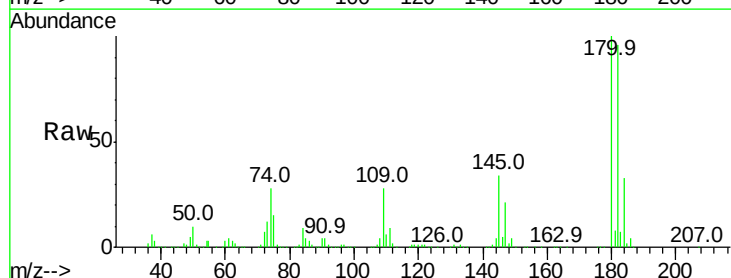
Tgt Ion:180 Resp: 1436504

Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

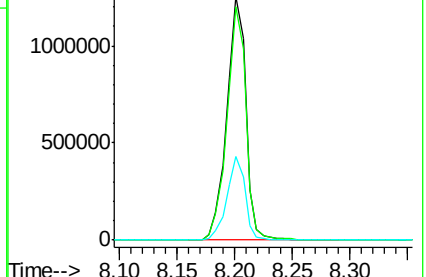
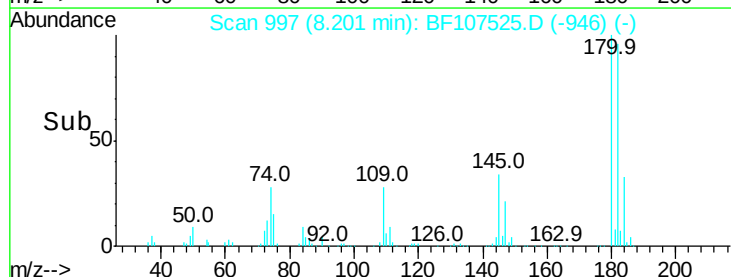
145 34.4 26.5 39.7

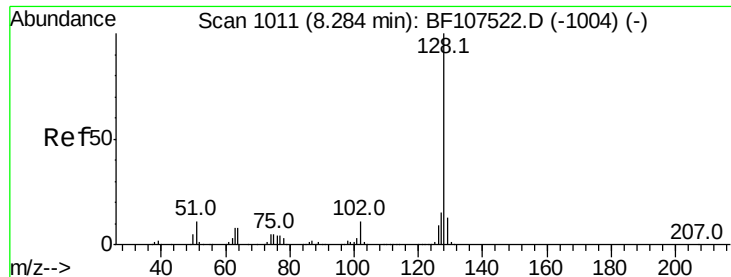


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

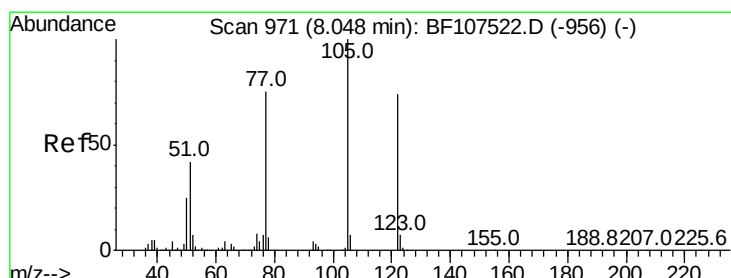
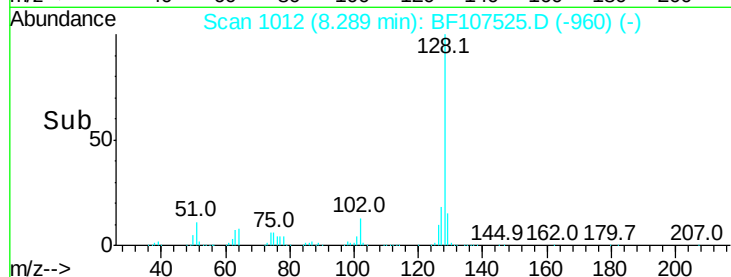
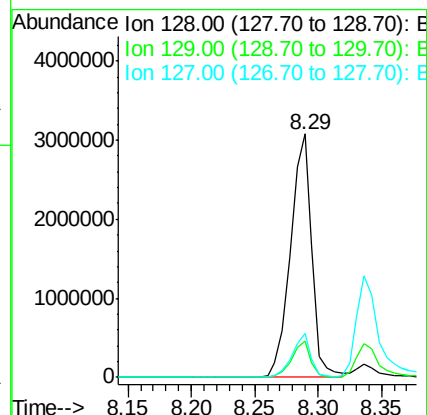
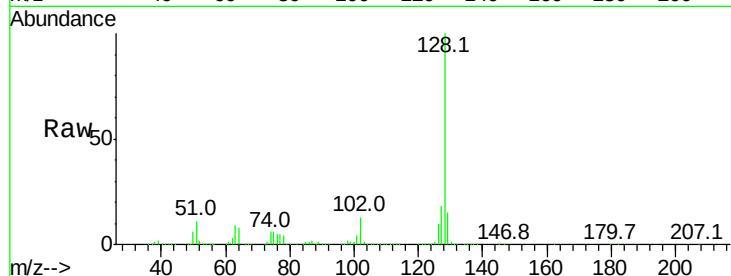




#31
Naphthalene
Concen: 55.773 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

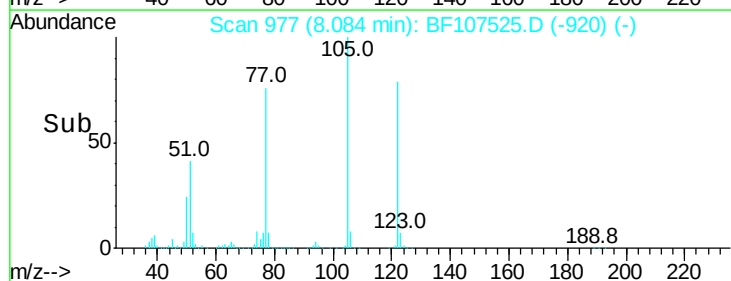
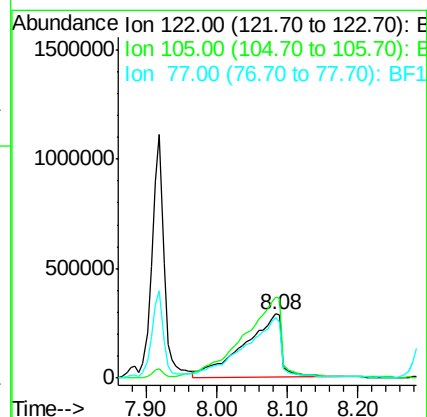
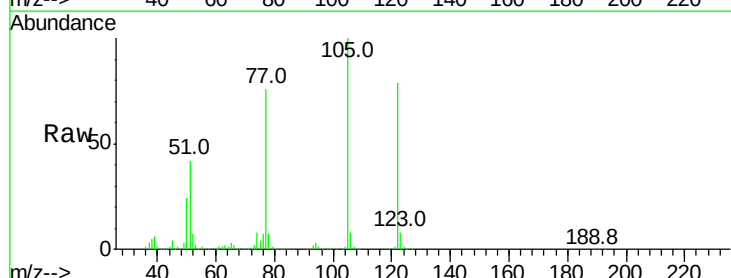
Instrument :
BNA_F
ClientSampleId :

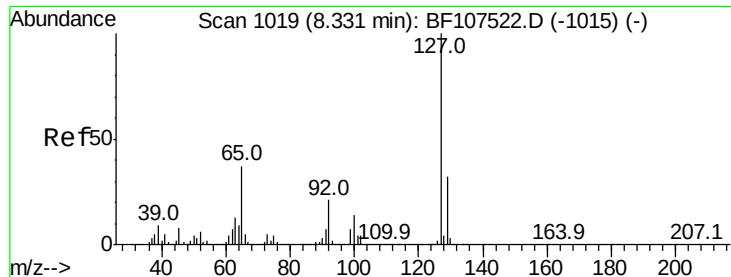
Tot Ion:128 Resp: 3613278
Ion Ratio Lower Upper
128 100
129 14.9 8.8 13.2#
127 18.1 10.9 16.3#



#32
Benzoic acid
Concen: 89.632 ng
RT: 8.08 min Scan# 977
Delta R.T. 0.04 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion:122 Resp: 1096072
Ion Ratio Lower Upper
122 100
105 126.6 101.1 141.1
77 96.0 70.7 110.7

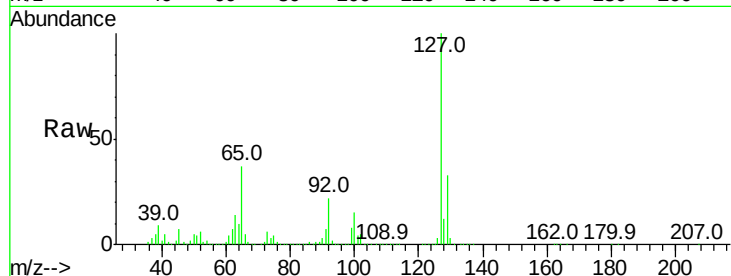




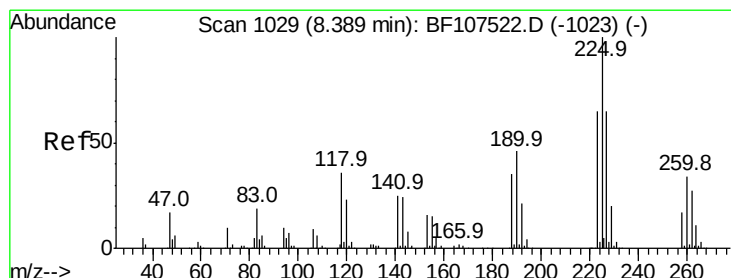
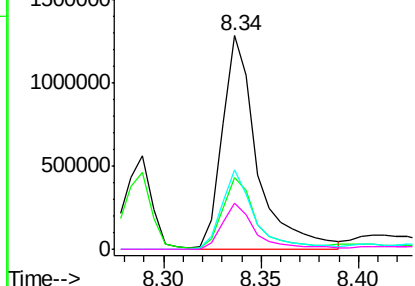
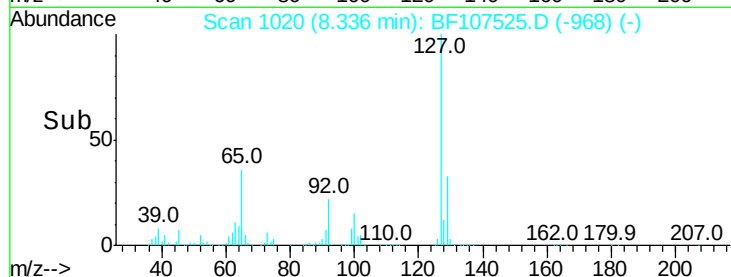
#33
4-Chloroaniline
Concen: 56.717 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	1591304
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	37.2	25.0	37.4
92	21.6	15.2	22.8

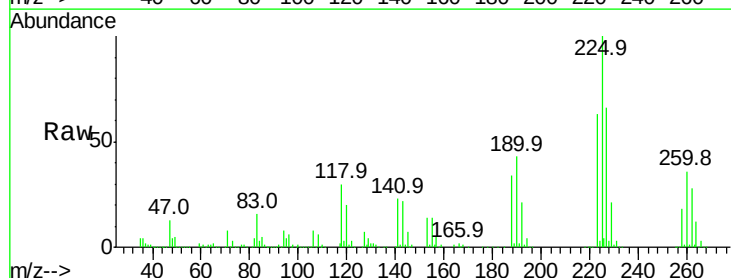


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

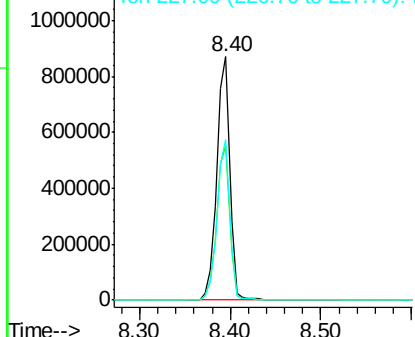
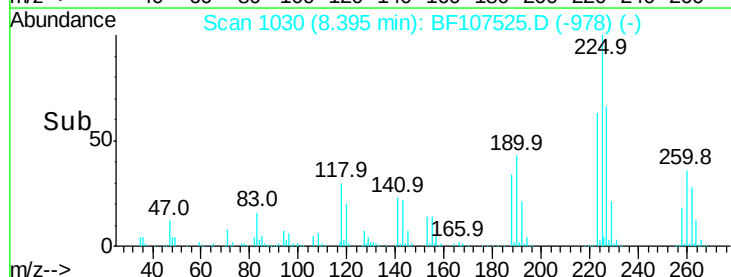


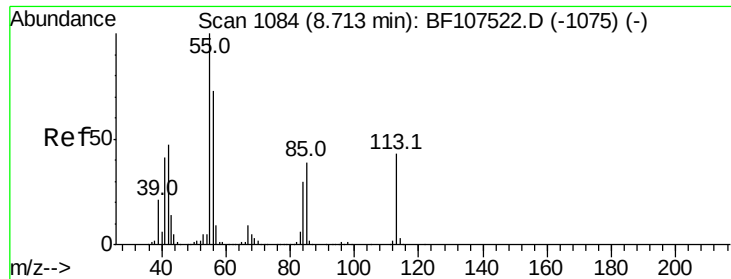
#34
Hexachlorobutadiene
Concen: 51.537 ng
RT: 8.40 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion:	225	Resp:	865864
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	65.7	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: 63.971 ng

RT: 8.75 min Scan# 1090

Delta R.T. 0.04 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

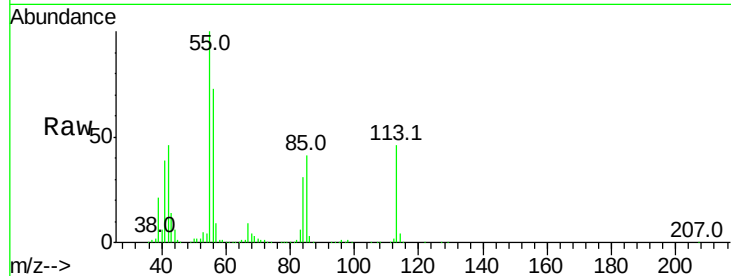
Tot Ion:113 Resp: 431476

Ion Ratio Lower Upper

113 100

55 217.6 163.3 203.3#

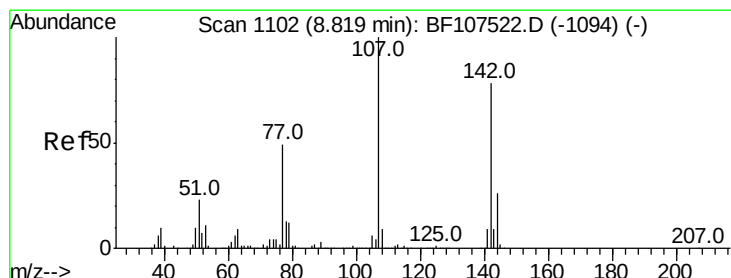
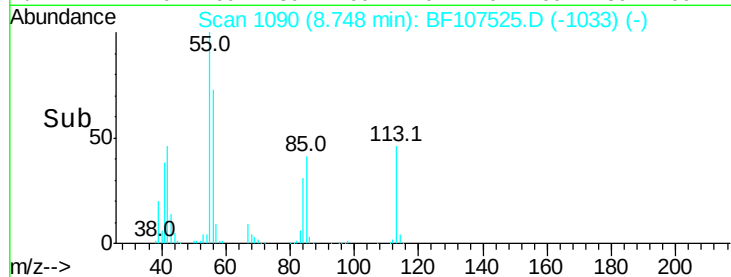
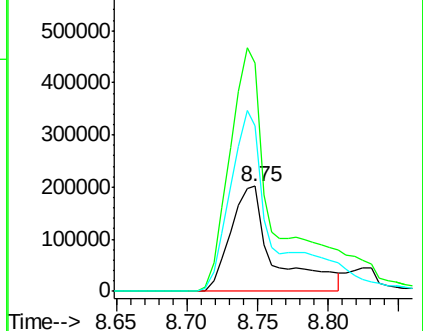
56 158.2 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 54.494 ng

RT: 8.83 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

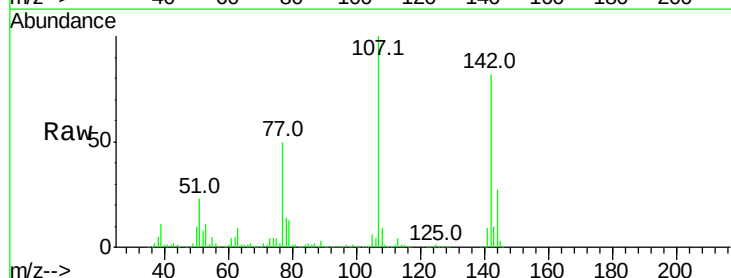
Tgt Ion:107 Resp: 1476405

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

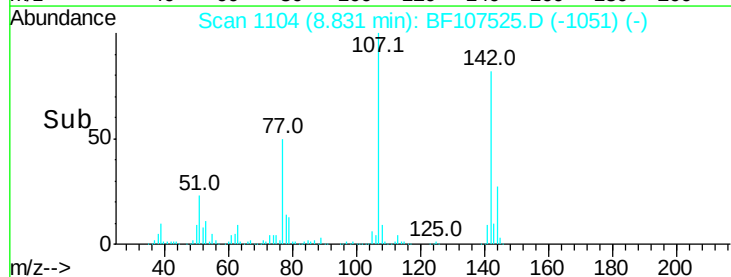
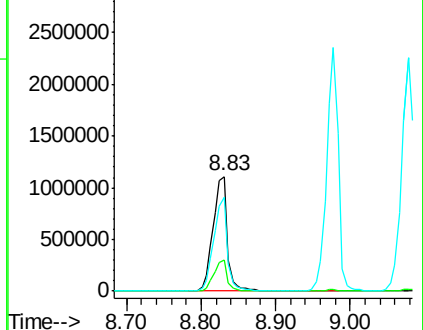
142 81.6 62.0 93.0

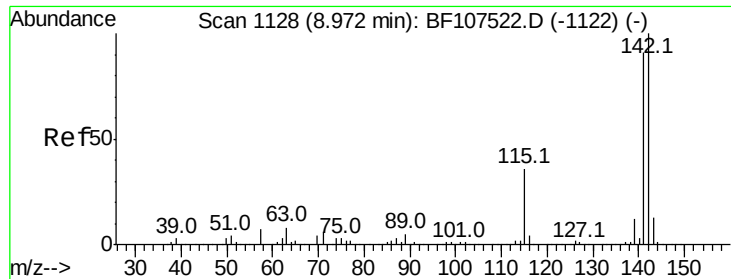


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

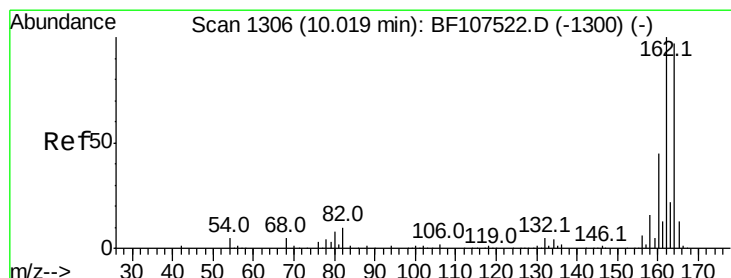
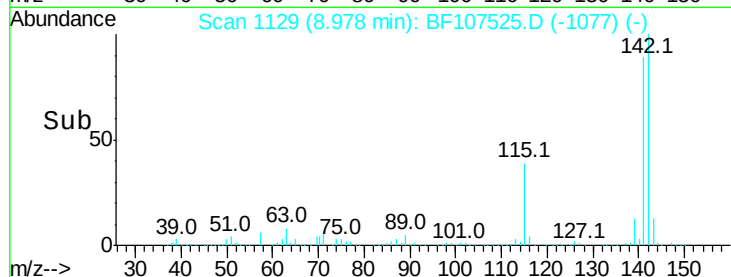
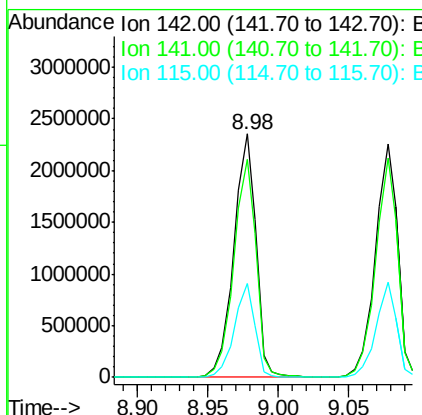
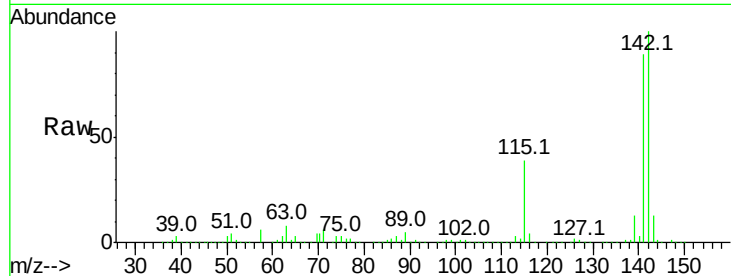




#37
2-Methylnaphthalene
Concen: 60.444 ng
RT: 8.98 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

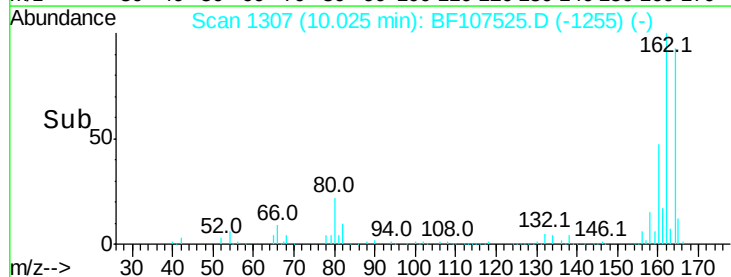
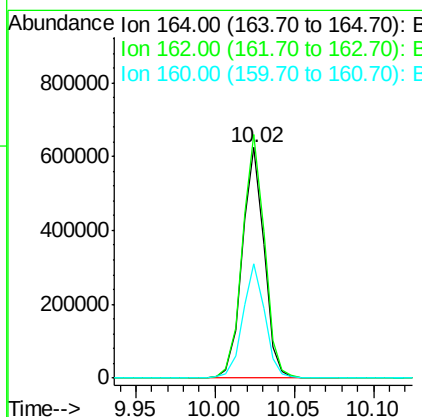
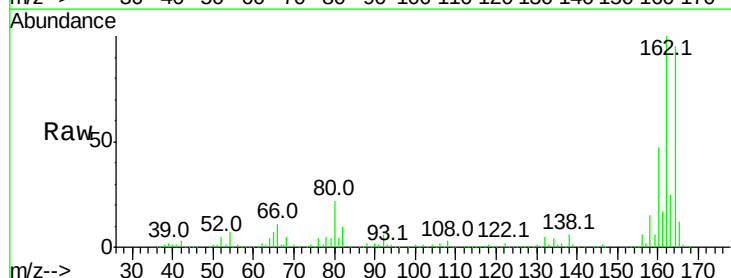
Instrument :
BNA_F
ClientSampleId :

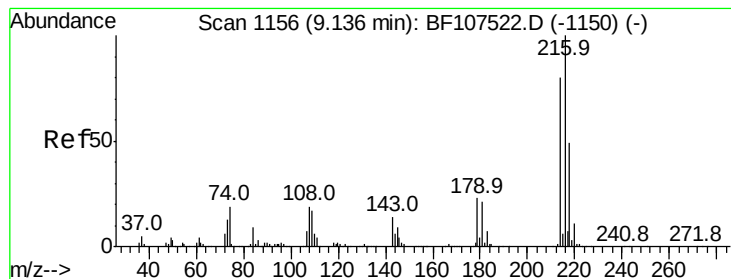
Tot Ion:142 Resp: 2581178
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 38.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion:164 Resp: 594816
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 49.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 58.216 ng

RT: 9.14 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

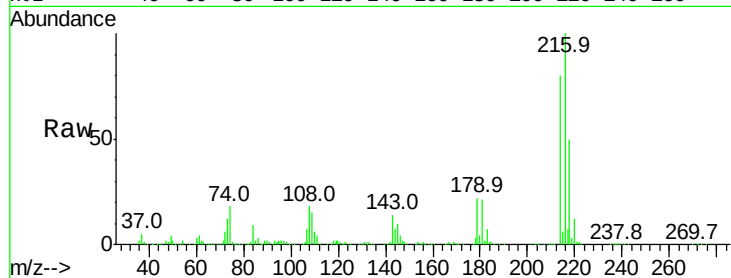
Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 1347497

Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	21.6	18.1	27.1
108	19.8	17.2	25.8

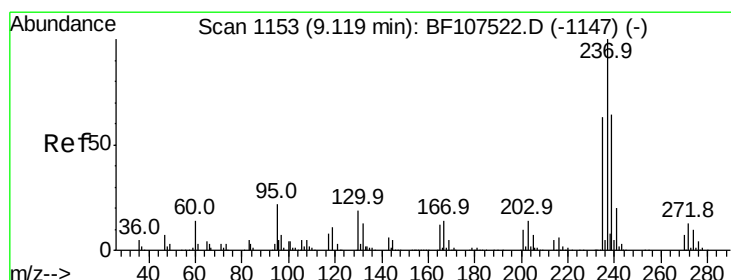
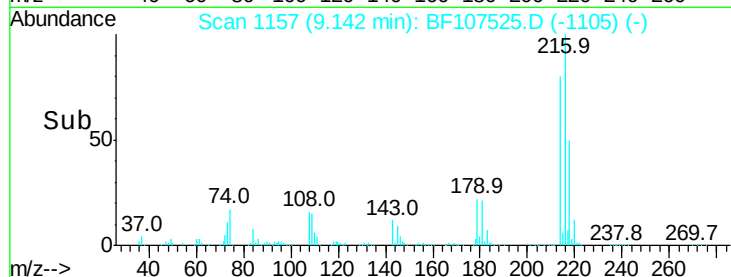
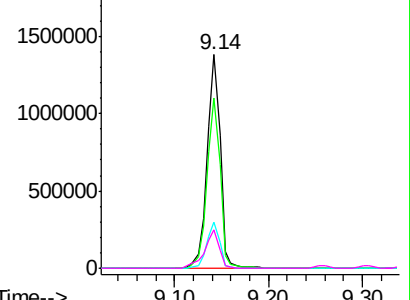


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.840 ng

RT: 9.12 min Scan# 1154

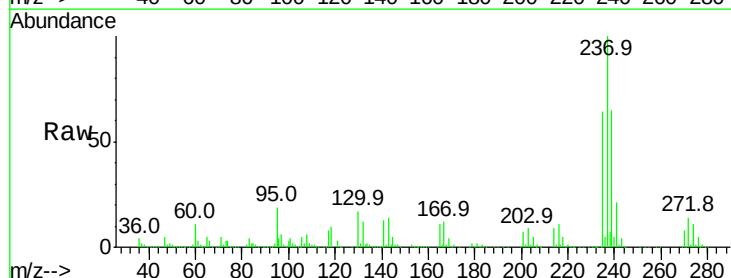
Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Tgt Ion:237 Resp: 832240

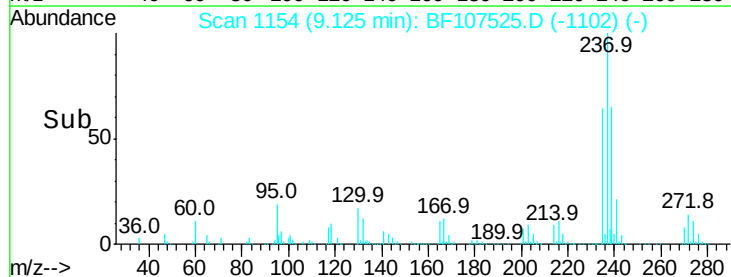
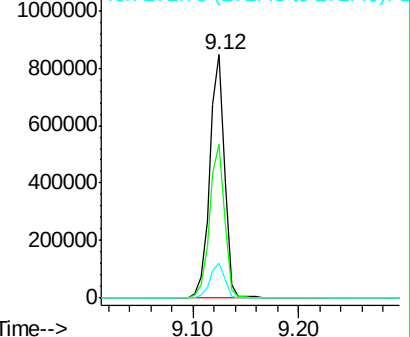
Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	14.2	0.0	33.3

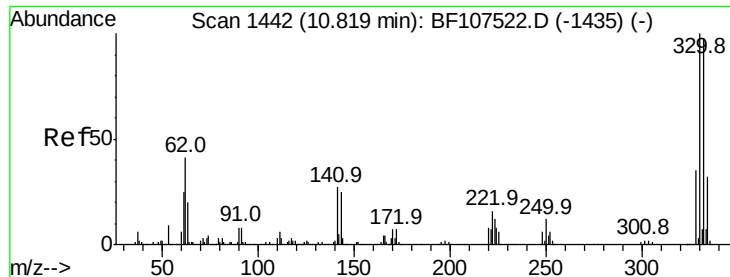


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

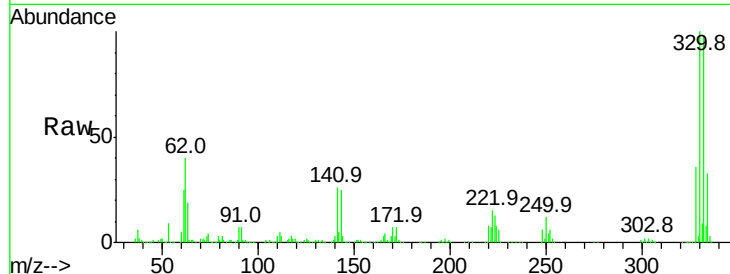




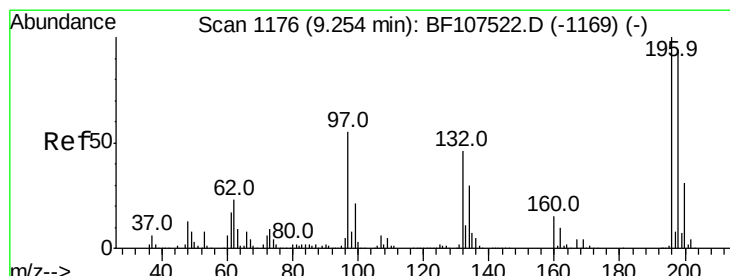
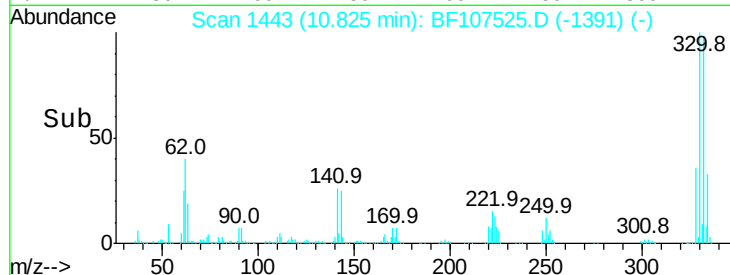
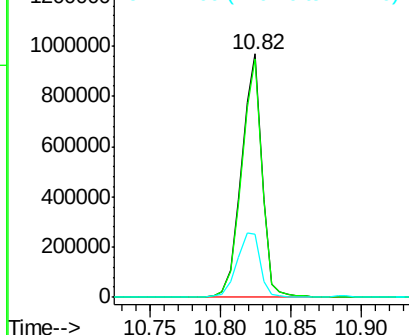
#41
 2,4,6-Tribromophenol
 Concen: 187.264 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 978672
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 30.2 29.9 44.9

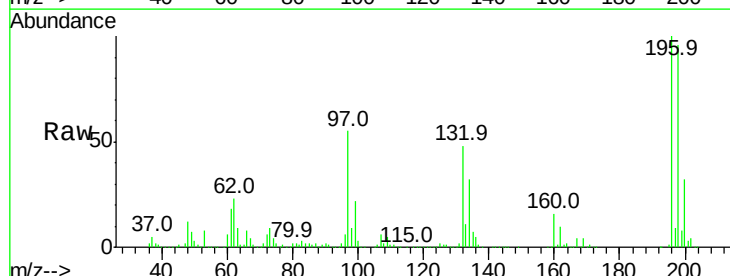


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

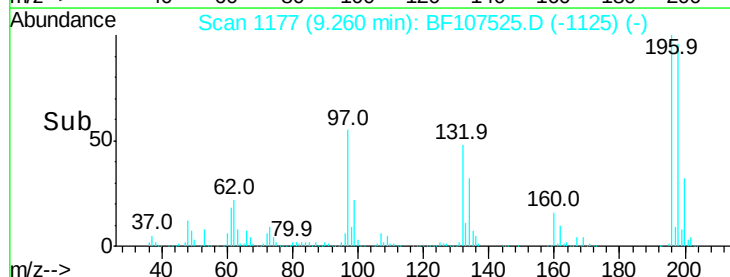
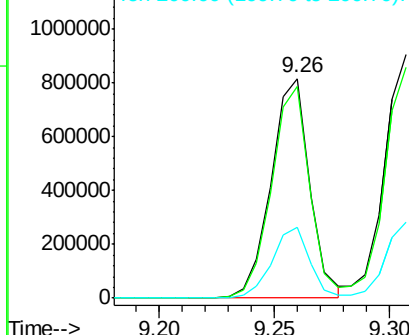


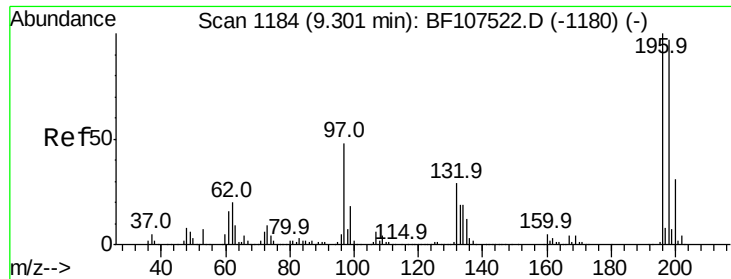
#42
 2,4,6-Trichlorophenol
 Concen: 65.307 ng
 RT: 9.26 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion:196 Resp: 943613
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 200 32.3 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

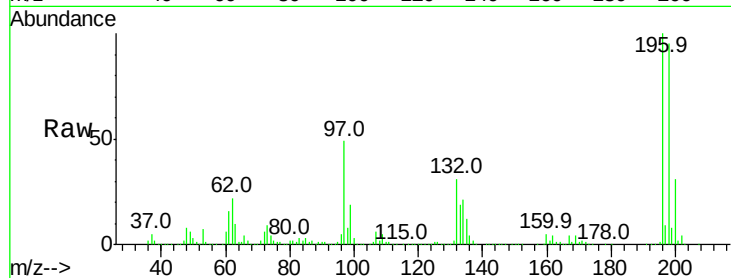




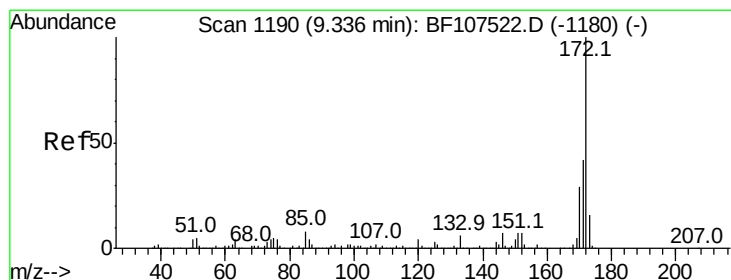
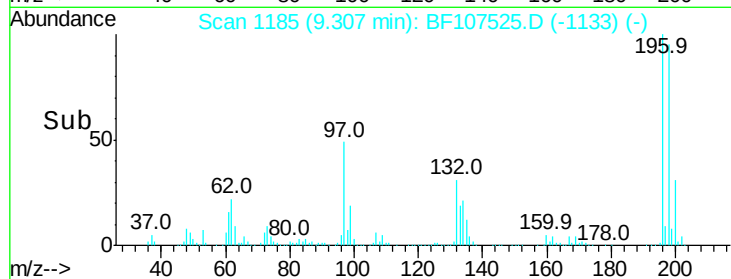
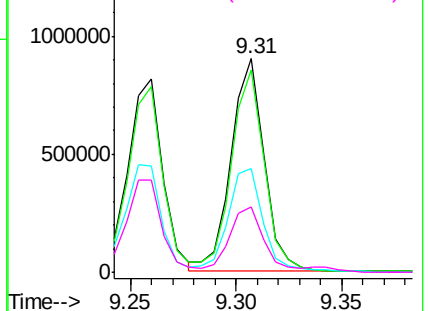
#43
 2,4,5-Trichlorophenol
 Concen: 70.750 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	977940
Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	48.7	42.9	64.3
132	30.5	26.3	39.5

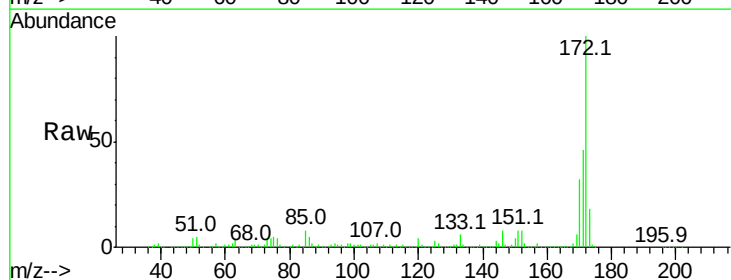


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

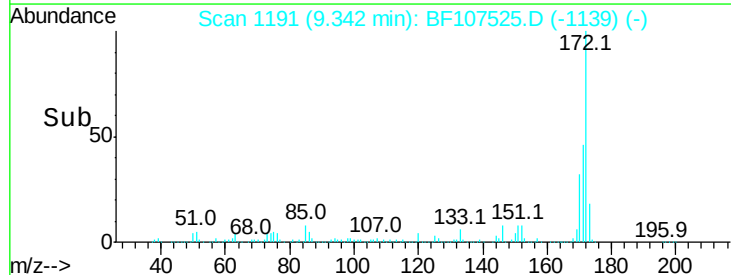
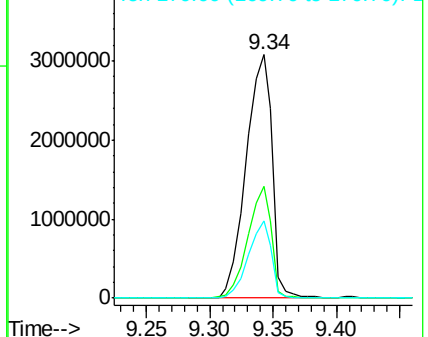


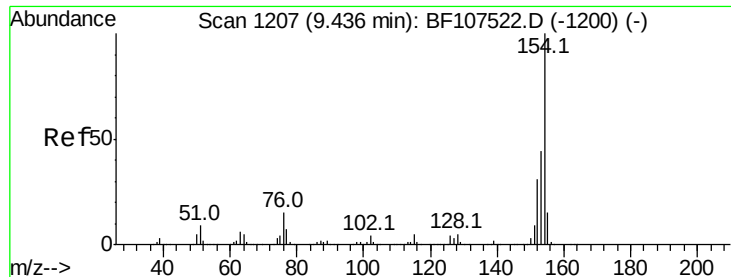
#44
 2-Fluorobiphenyl
 Concen: 106.584 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion:	172	Resp:	4411899
Ion	Ratio	Lower	Upper
172	100		
171	45.7	29.7	44.5#
170	31.9	19.6	29.4#



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





#45

1,1'-Biphenyl

Concen: 61.061 ng

RT: 9.45 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

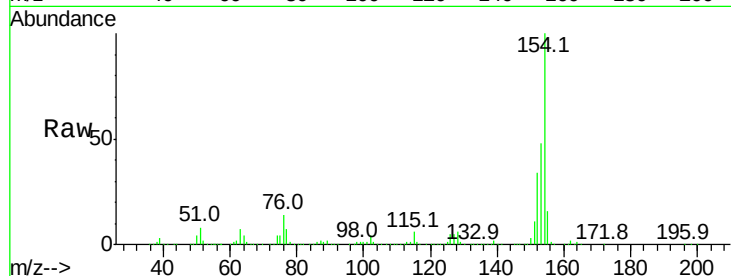
Tot Ion:154 Resp: 3140251

Ion Ratio Lower Upper

154 100

153 47.6 21.3 61.3

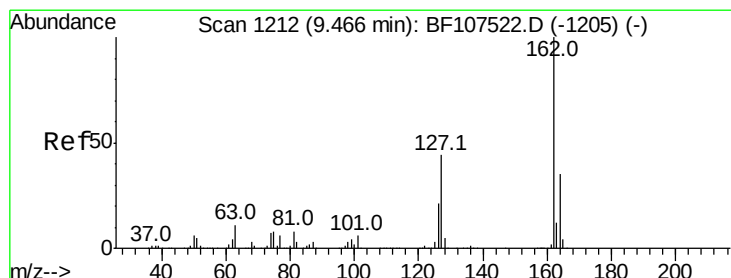
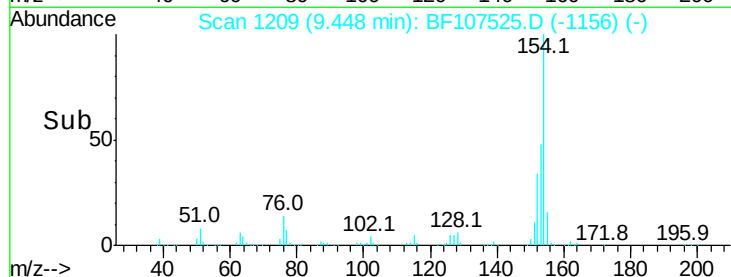
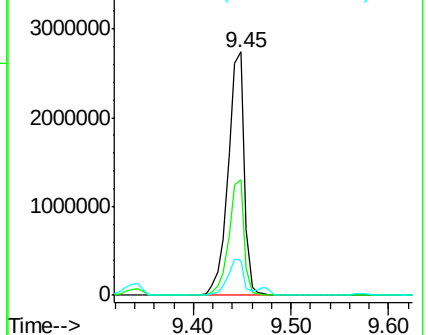
76 14.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 63.379 ng

RT: 9.47 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

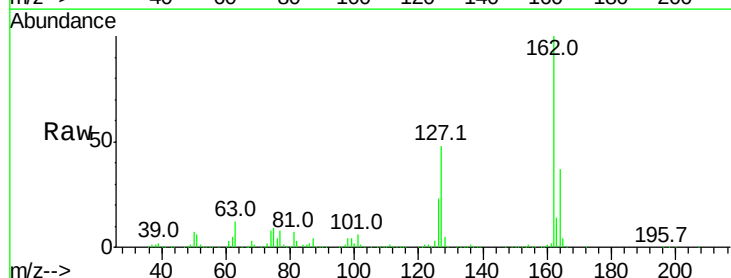
Tgt Ion:162 Resp: 2574377

Ion Ratio Lower Upper

162 100

127 47.9 33.9 50.9

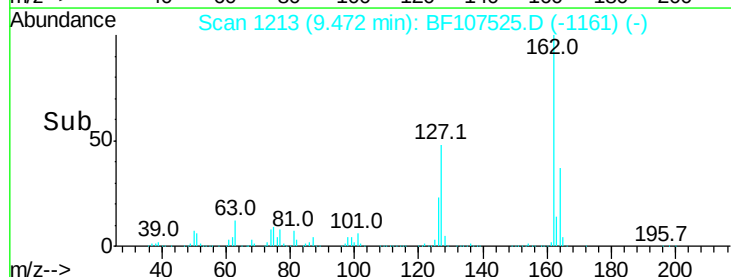
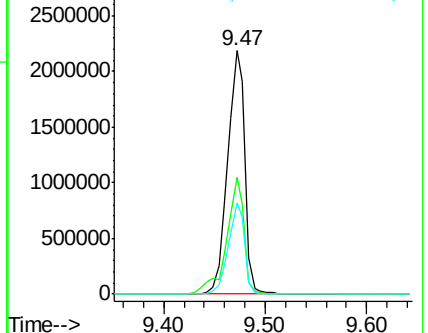
164 37.3 26.5 39.7

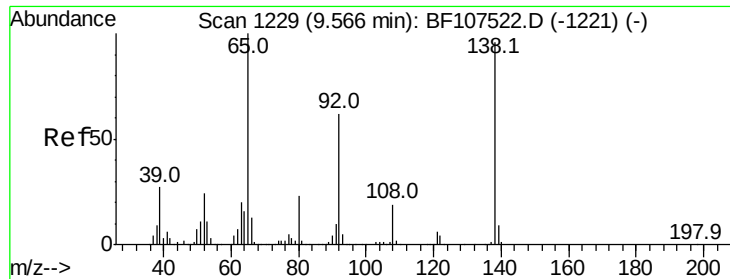


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

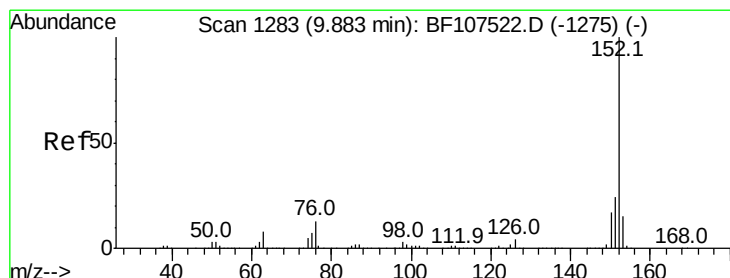
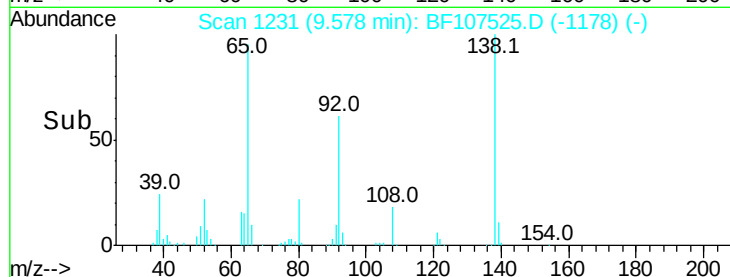
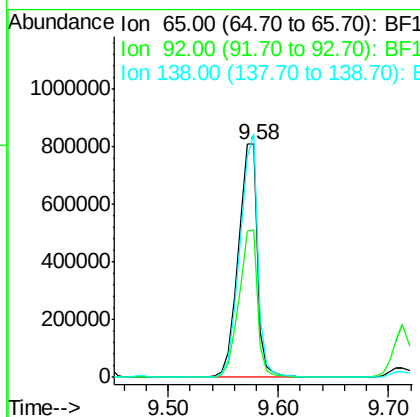
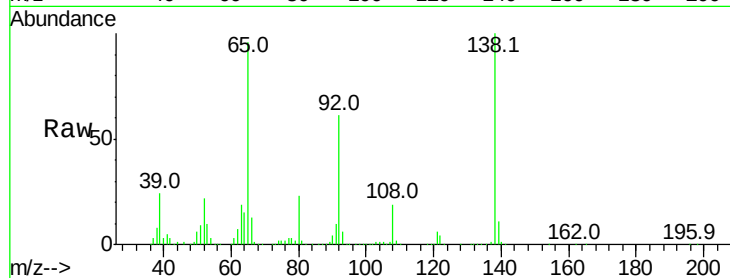




#47
2-Nitroaniline
Concen: 79.464 ng
RT: 9.58 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

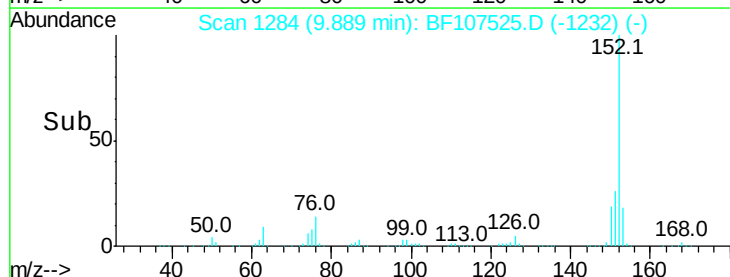
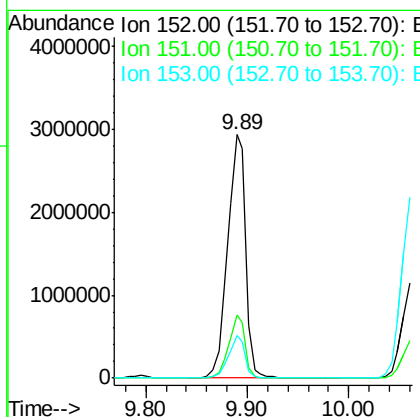
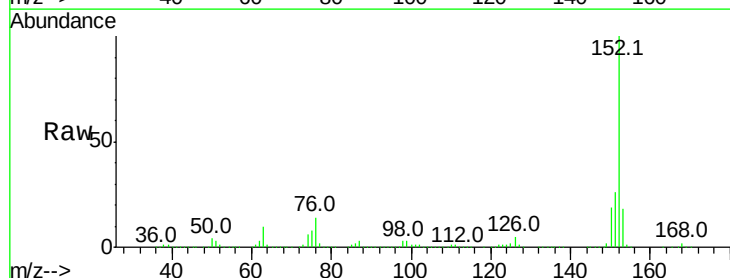
Instrument :
BNA_F
ClientSampleId :

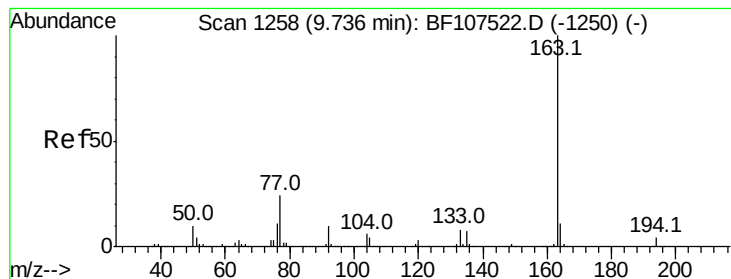
Tot Ion: 65 Resp: 987758
Ion Ratio Lower Upper
65 100
92 63.5 55.8 83.6
138 104.4 91.2 136.8



#48
Acenaphthylene
Concen: 63.689 ng
RT: 9.89 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion: 152 Resp: 3610215
Ion Ratio Lower Upper
152 100
151 26.2 16.3 24.5#
153 17.7 10.7 16.1#





#49

Dimethylphthalate

Concen: 64.990 ng

RT: 9.75 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampled :

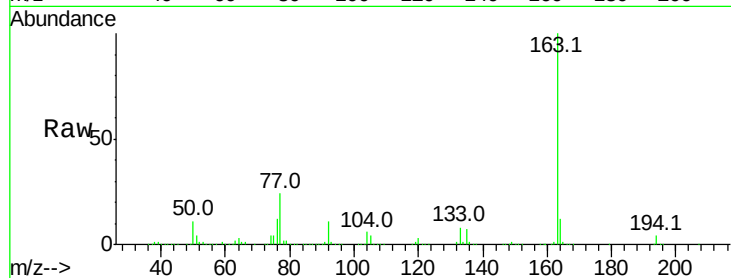
Tot Ion:163 Resp: 3071457

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

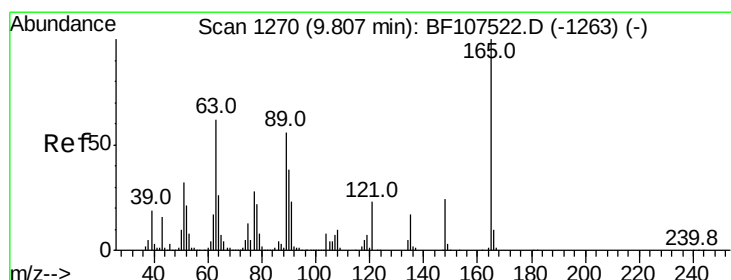
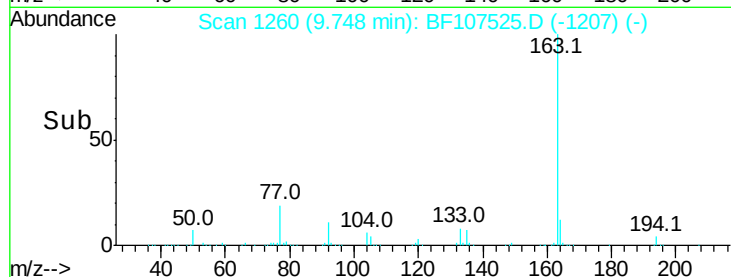
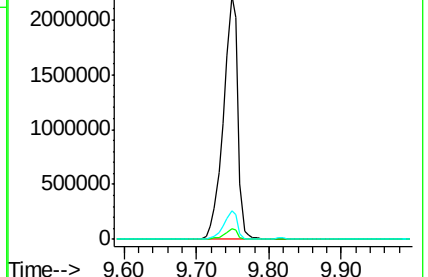
164 11.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 79.878 ng

RT: 9.81 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

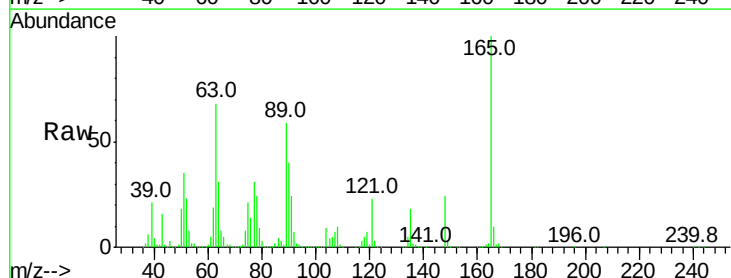
Tgt Ion:165 Resp: 720363

Ion Ratio Lower Upper

165 100

63 68.2 44.7 67.1#

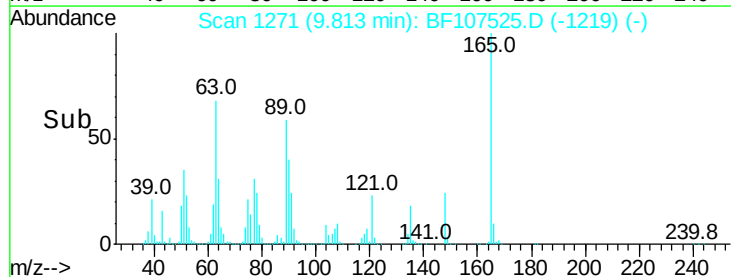
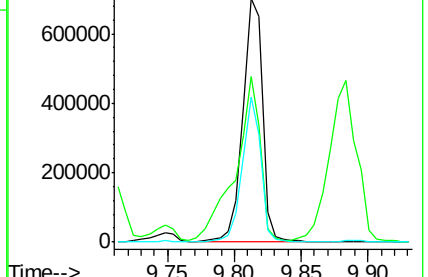
89 59.3 44.0 66.0

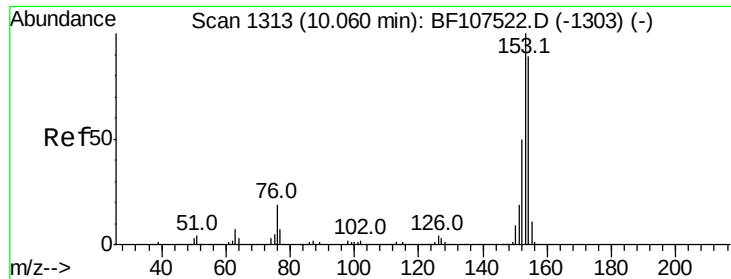


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 62.853 ng

RT: 10.06 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

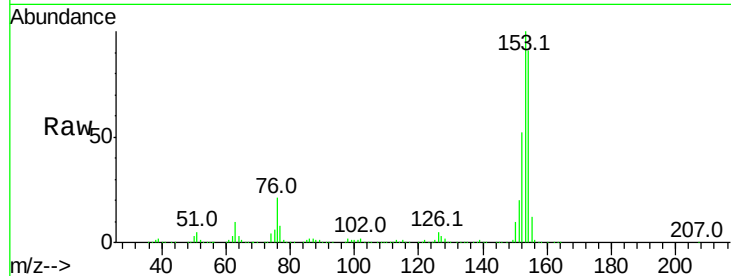
Instrument :

BNA_F

ClientSampled :

Tot Ion:154 Resp: 2361877

Ion	Ratio	Lower	Upper
154	100		
153	110.0	91.2	136.8
152	57.7	43.8	65.8

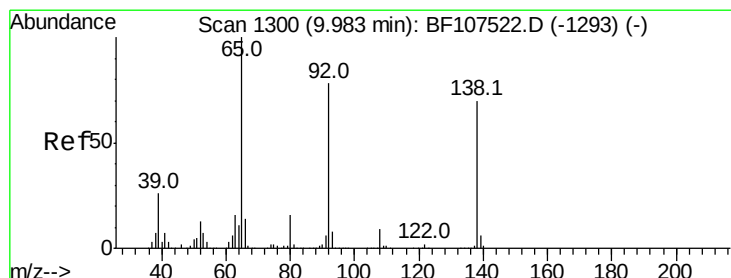
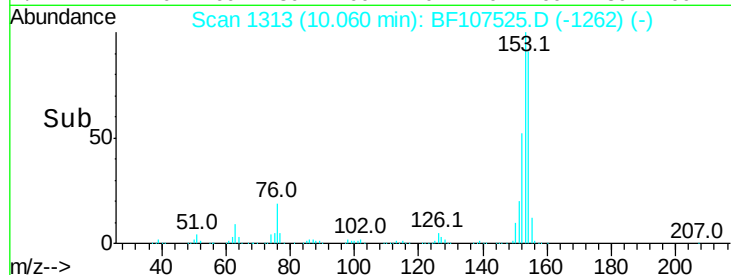
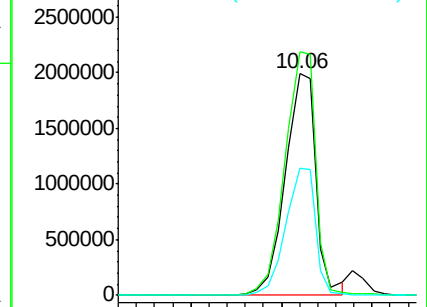


Abundance

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: 92.803 ng

RT: 10.00 min Scan# 1302

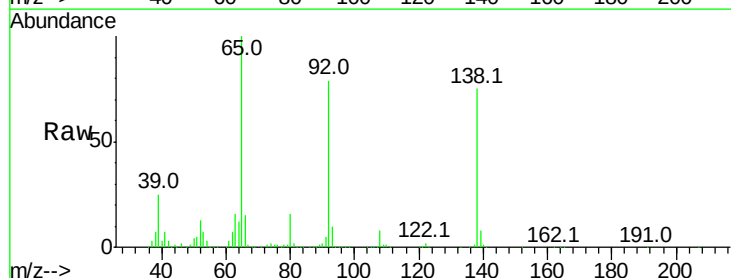
Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Tgt Ion:138 Resp: 879068

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.0
92	105.6	89.4	134.2

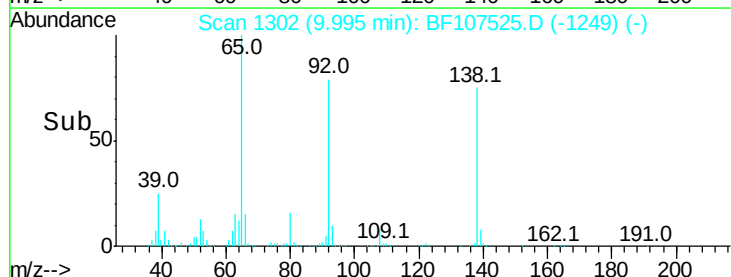
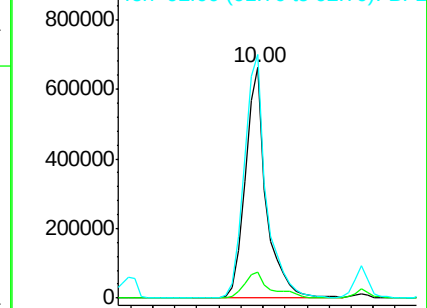


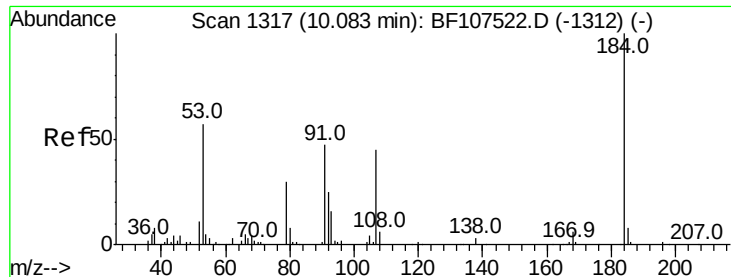
Abundance

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

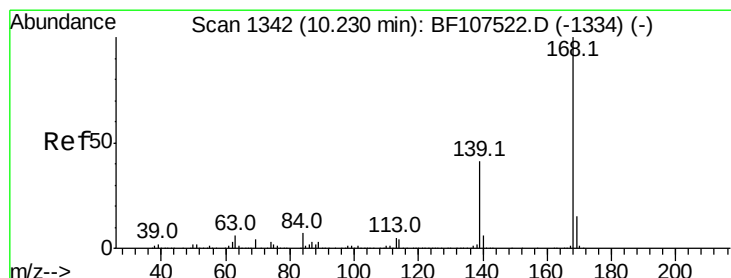
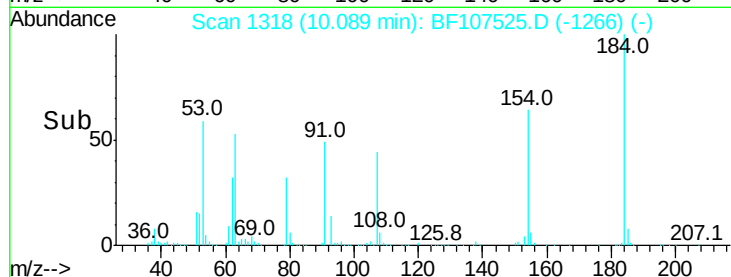
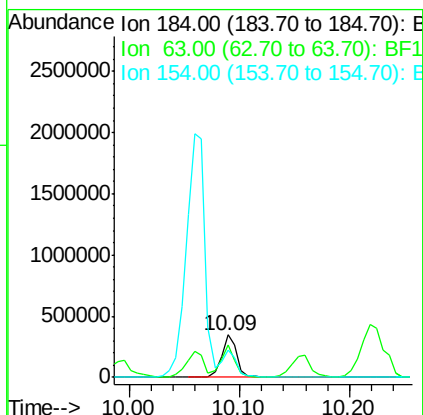
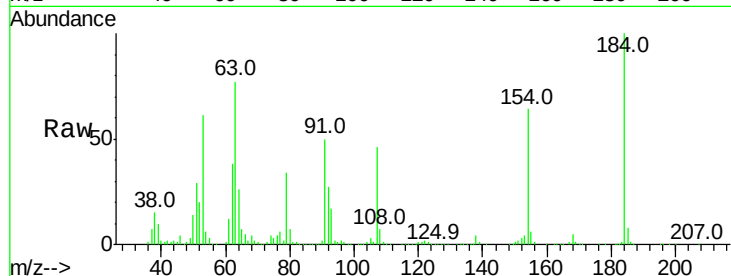




#53
2,4-Dinitrophenol
Concen: 104.559 ng
RT: 10.09 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

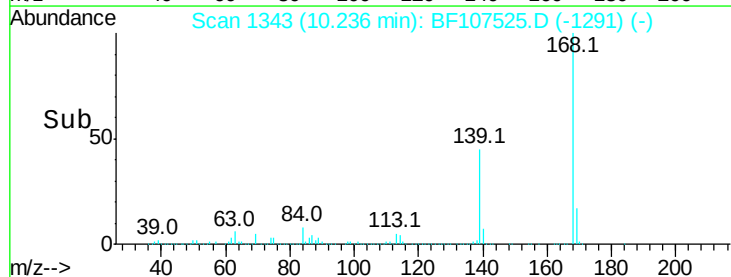
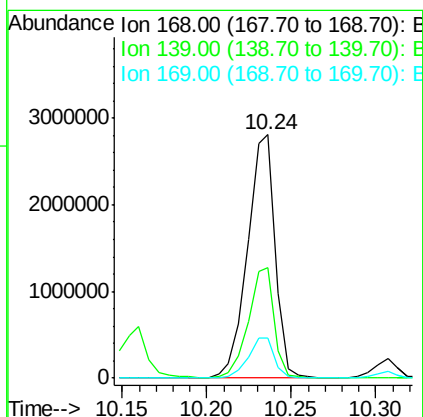
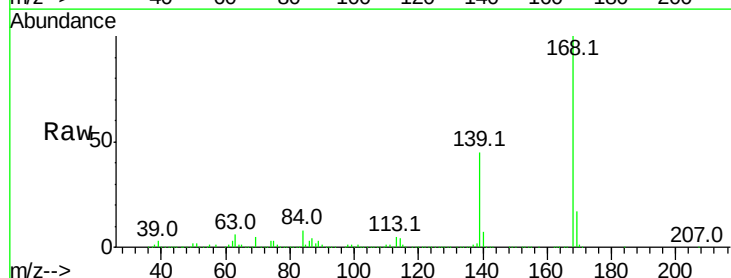
Instrument :
BNA_F
ClientSampleId :

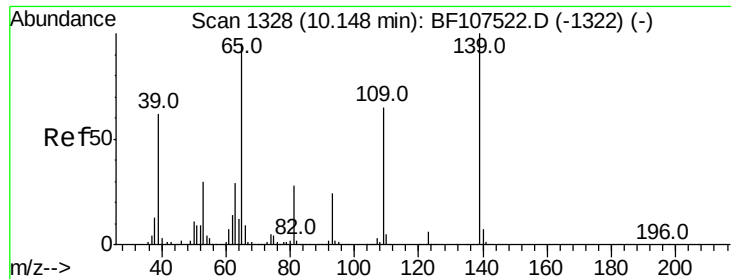
Tot Ion:184 Resp: 332209
Ion Ratio Lower Upper
184 100
63 76.8 54.2 81.2
154 64.4 184.0 276.0#



#54
Dibenzofuran
Concen: 55.437 ng
RT: 10.24 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion:168 Resp: 3219210
Ion Ratio Lower Upper
168 100
139 45.1 30.1 45.1#
169 16.7 10.9 16.3#

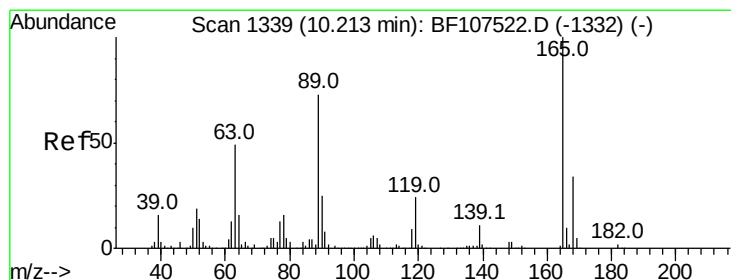
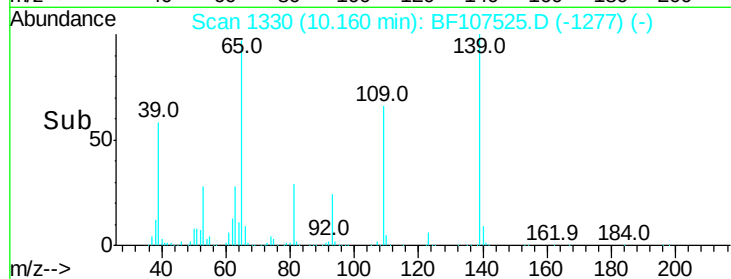
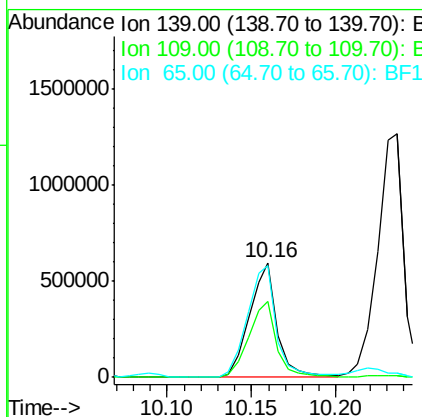
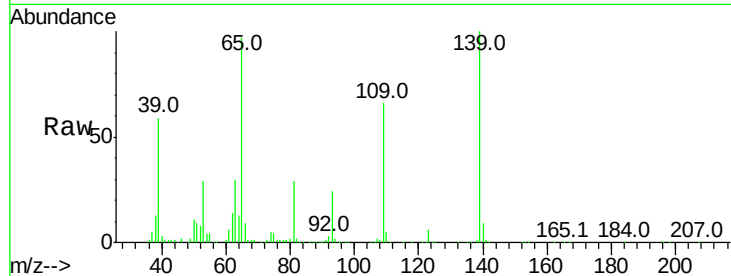




#55
4-Nitrophenol
Concen: 88.196 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

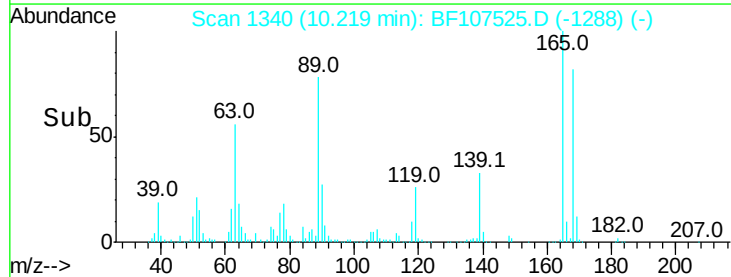
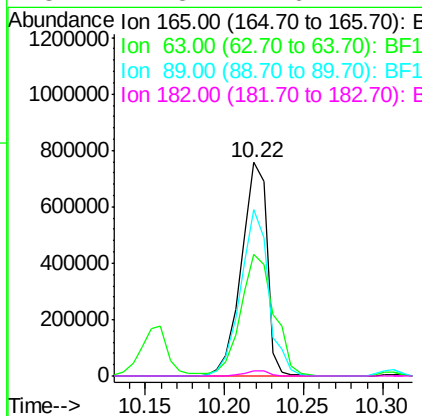
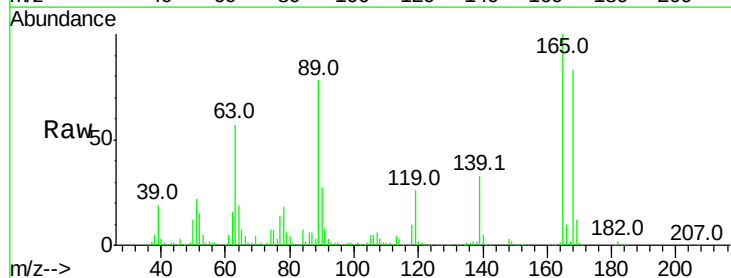
Instrument :
BNA_F
ClientSampleId :

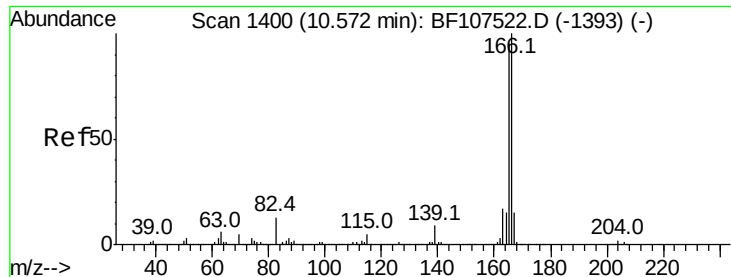
Tot Ion:139 Resp: 676018
Ion Ratio Lower Upper
139 100
109 65.9 48.4 88.4
65 97.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 71.962 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion:165 Resp: 845895
Ion Ratio Lower Upper
165 100
63 57.2 36.4 54.6#
89 77.6 57.8 86.6
182 2.3 1.6 2.4

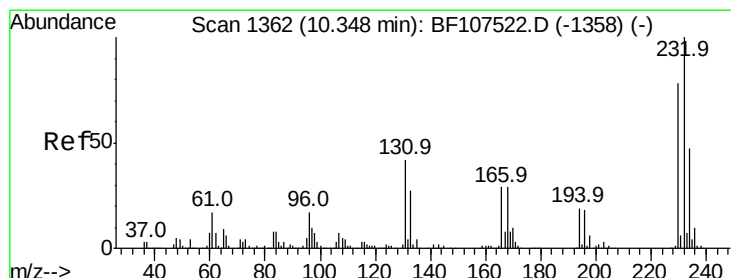
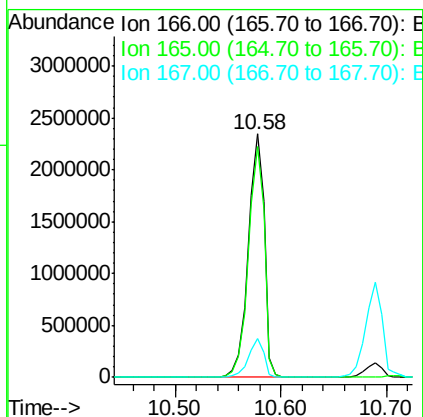
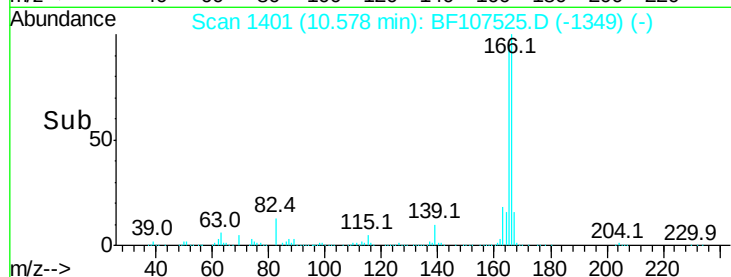
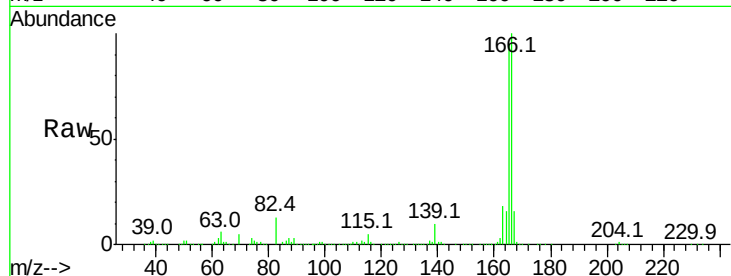




#57
 Fluorene
 Concen: 64.315 ng
 RT: 10.58 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

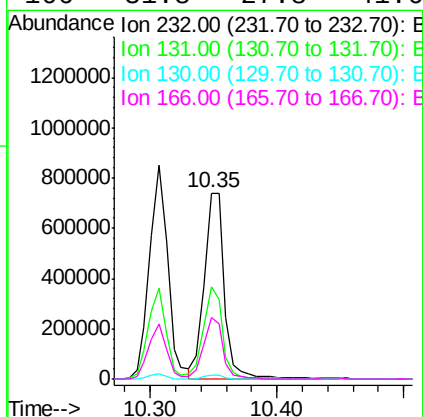
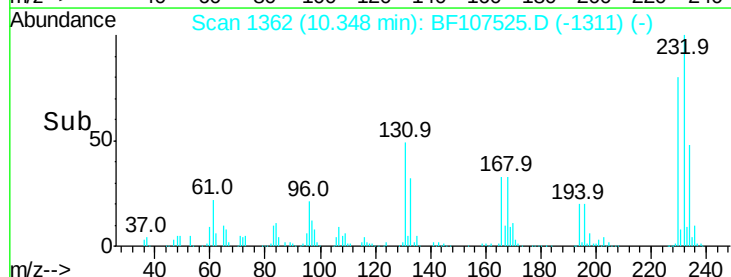
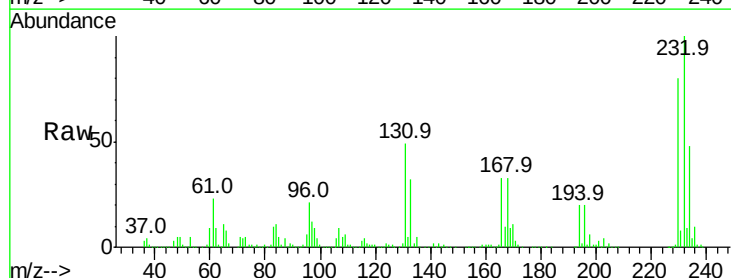
Instrument :
 BNA_F
 ClientSampleId :

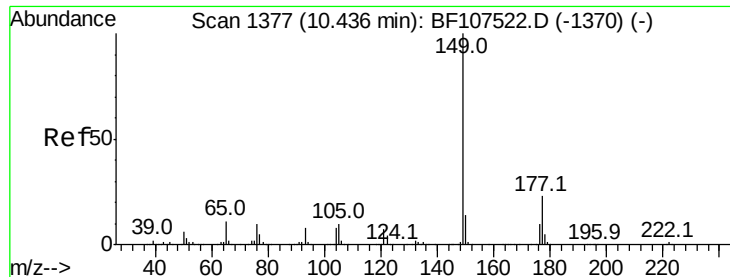
Tot Ion:166 Resp: 2473498
 Ion Ratio Lower Upper
 166 100
 165 95.0 79.8 119.8
 167 16.1 10.6 16.0#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.092 ng
 RT: 10.35 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion:232 Resp: 817987
 Ion Ratio Lower Upper
 232 100
 131 47.2 43.8 65.8
 130 2.2 2.1 3.1
 166 31.8 27.8 41.6



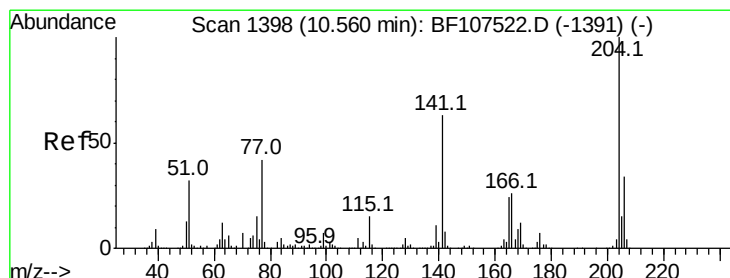
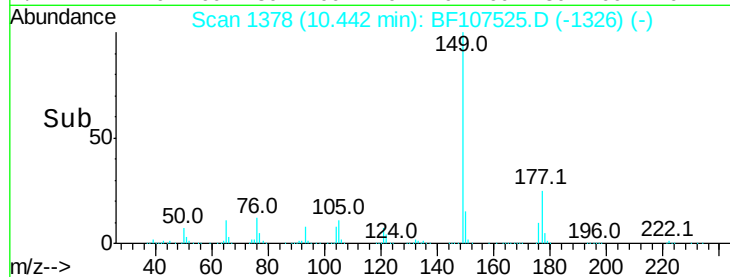
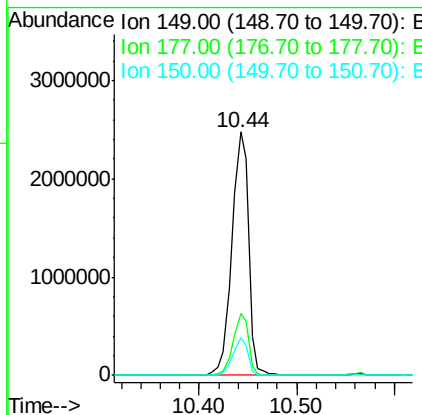
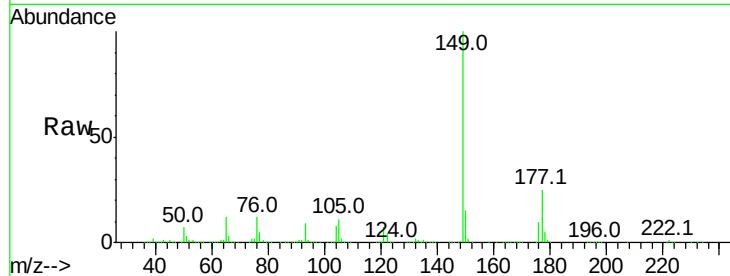


#59
 Diethylphthalate
 Concen: 64.313 ng
 RT: 10.44 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 2952853

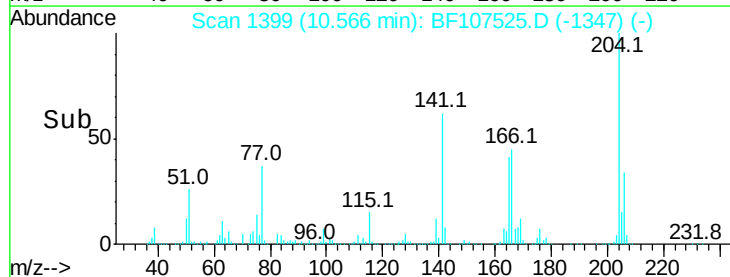
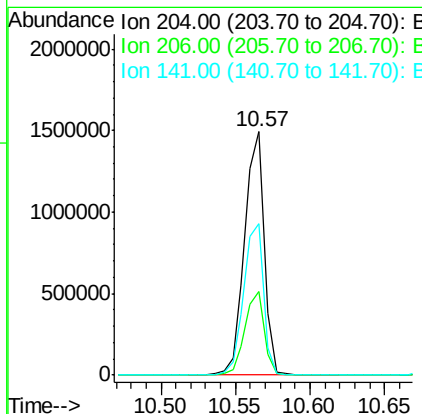
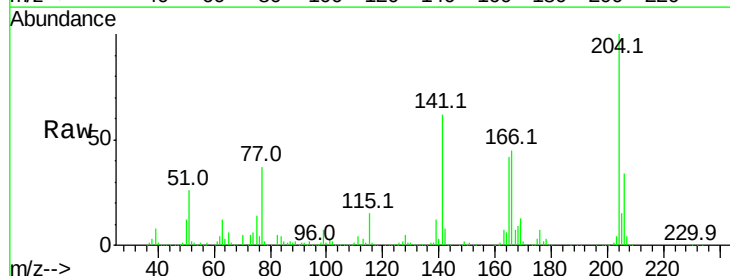
Ion	Ratio	Lower	Upper
149	100		
177	25.4	16.1	24.1#
150	15.2	10.1	15.1#

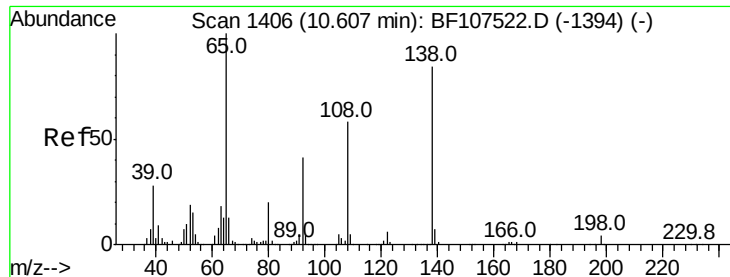


#60
 4-Chlorophenyl-phenylether
 Concen: 59.568 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion:204 Resp: 1364594

Ion	Ratio	Lower	Upper
204	100		
206	34.4	26.5	39.7
141	62.0	54.6	81.8





#61

4-Nitroaniline

Concen: 64.980 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

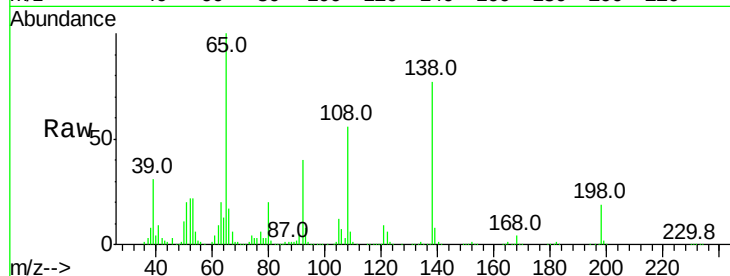
Tot Ion:138 Resp: 585772

Ion Ratio Lower Upper

138 100

92 52.5 30.2 70.2

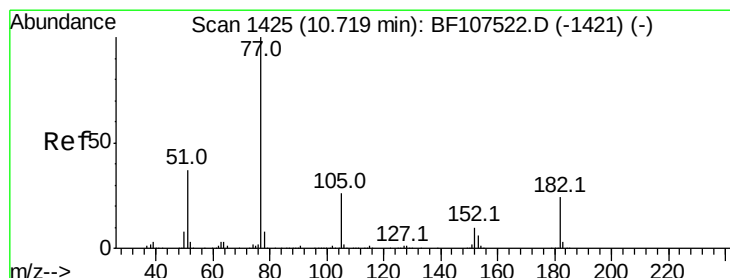
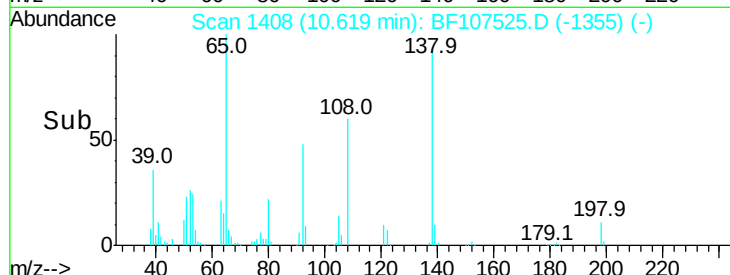
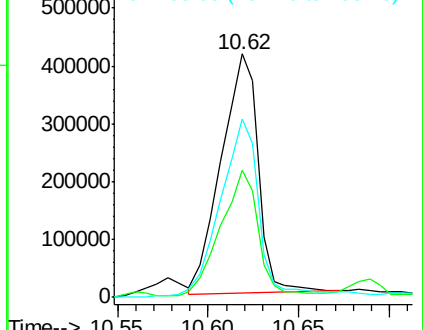
108 73.1 52.5 92.5



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: 51.298 ng

RT: 10.72 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Tgt Ion: 77 Resp: 2765861

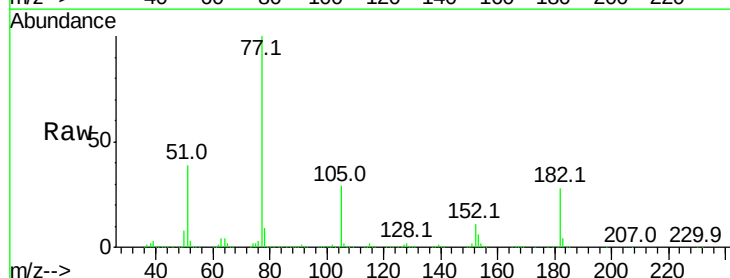
Ion Ratio Lower Upper

77 100

182 28.2 1.7 41.7

105 28.8 3.0 43.0

51 39.1 9.9 49.9

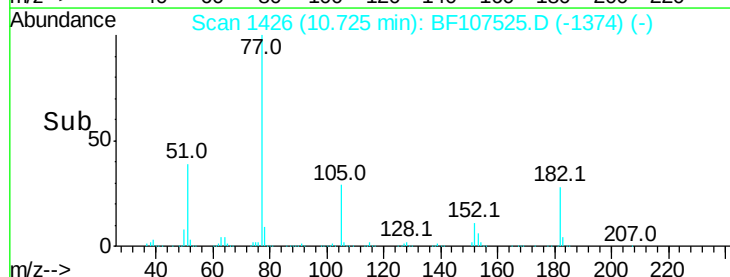
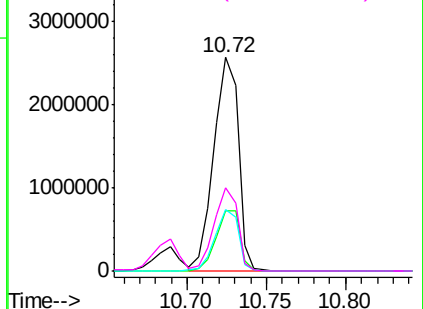


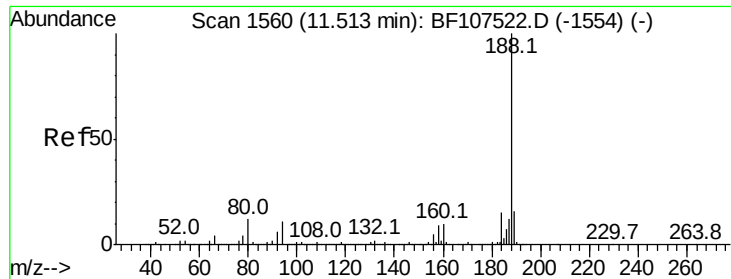
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

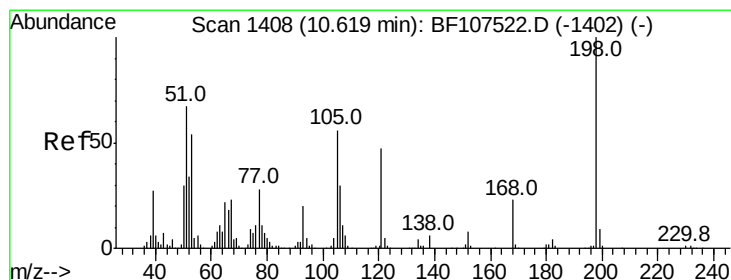
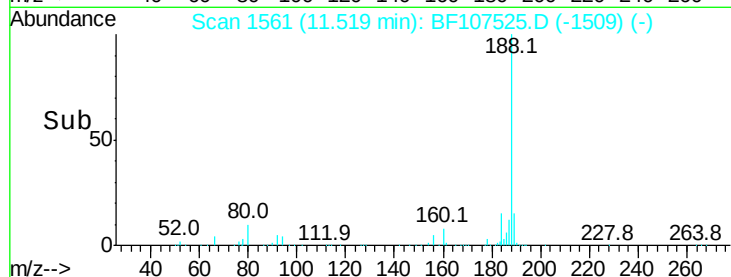
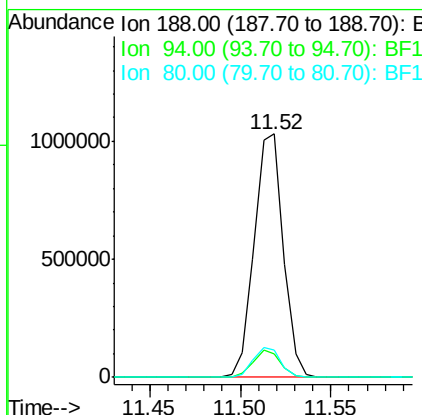
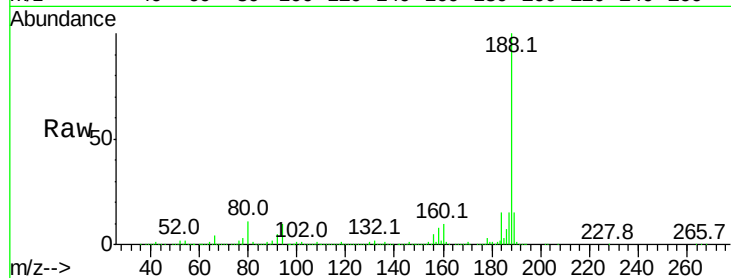




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

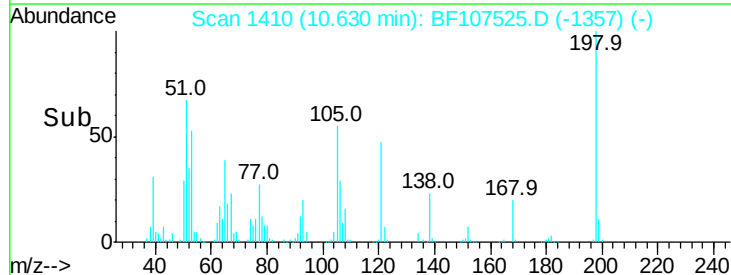
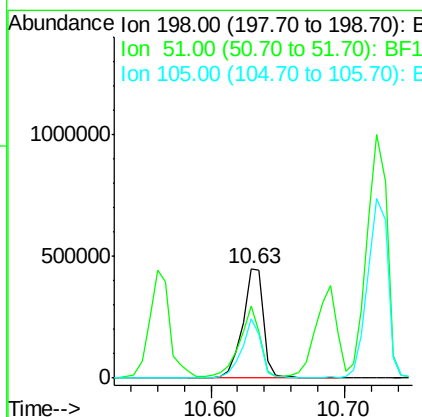
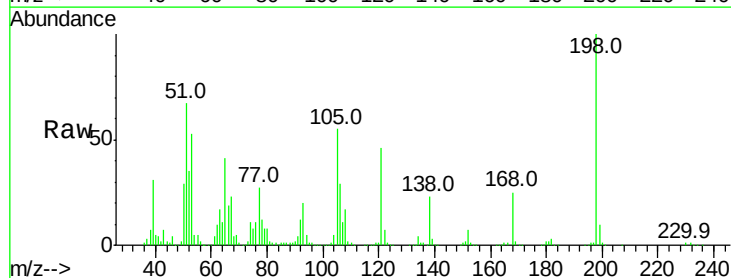
Instrument :
 BNA_F
 ClientSampleId :

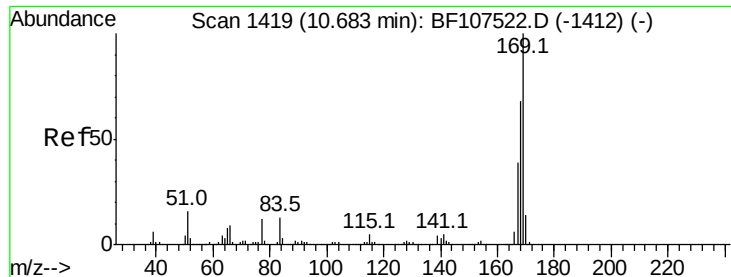
Tot Ion:188 Resp: 1149362
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 11.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 88.664 ng
 RT: 10.63 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion:198 Resp: 485458
 Ion Ratio Lower Upper
 198 100
 51 66.5 37.7 77.7
 105 54.9 36.3 76.3

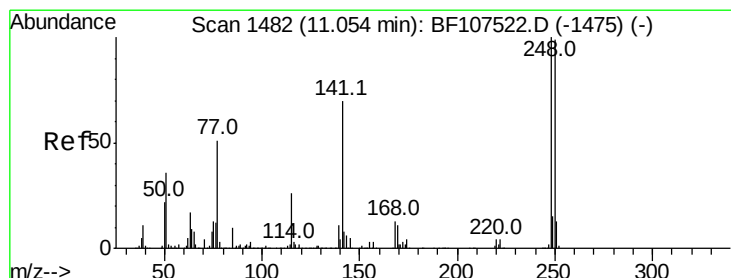
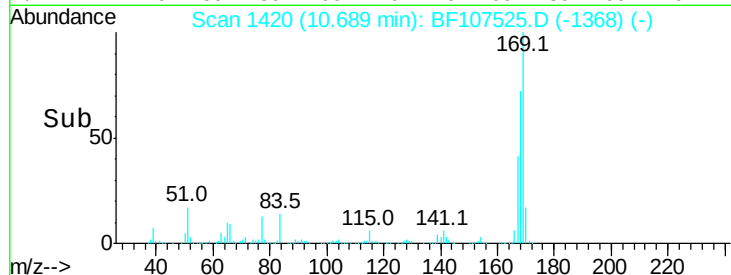
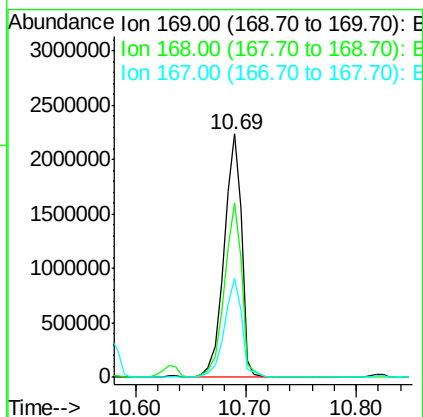
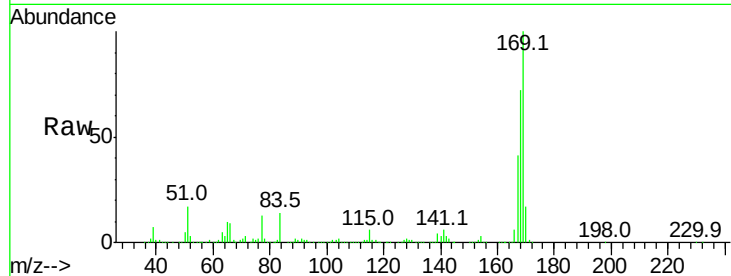




#65
 n-Nitrosodiphenylamine
 Concen: 67.875 ng
 RT: 10.69 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

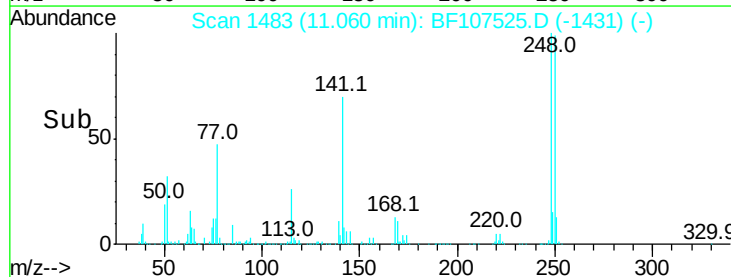
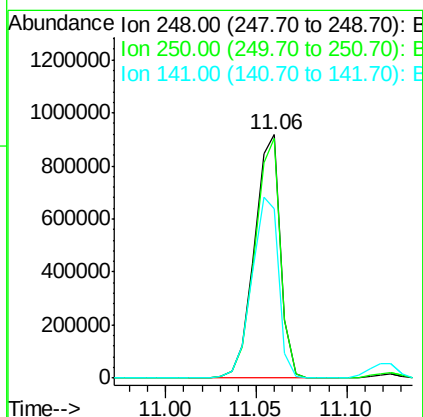
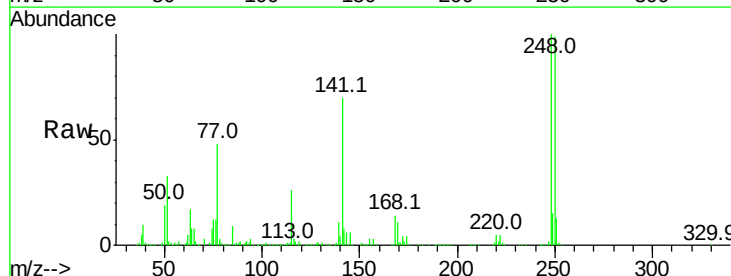
Instrument :
 BNA_F
 ClientSampleId :

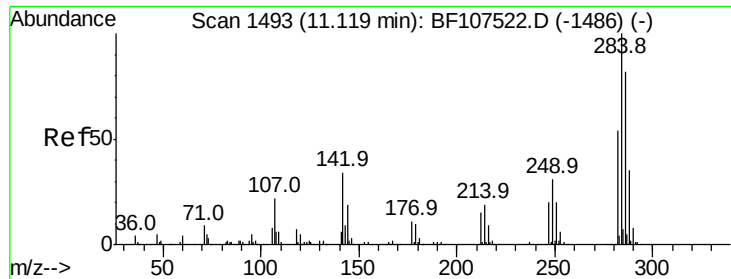
Tot Ion:169 Resp: 2463927
 Ion Ratio Lower Upper
 169 100
 168 71.8 54.4 81.6
 167 40.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 69.478 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion:248 Resp: 913617
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 69.8 74.4 111.6#

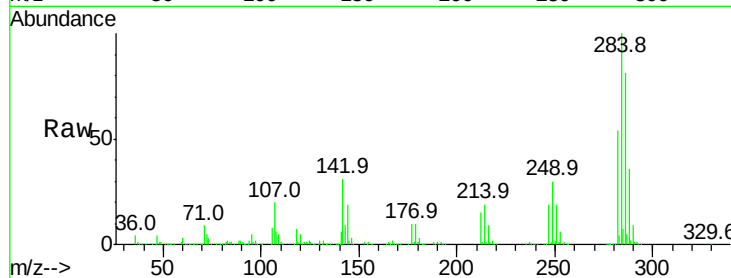




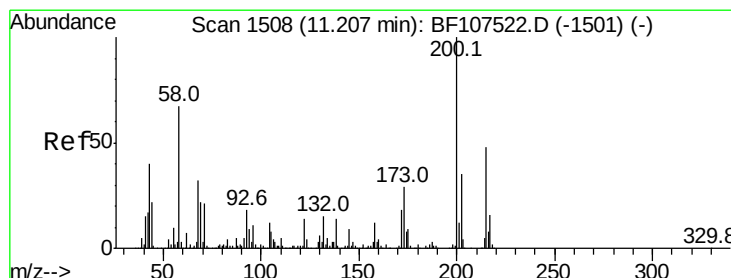
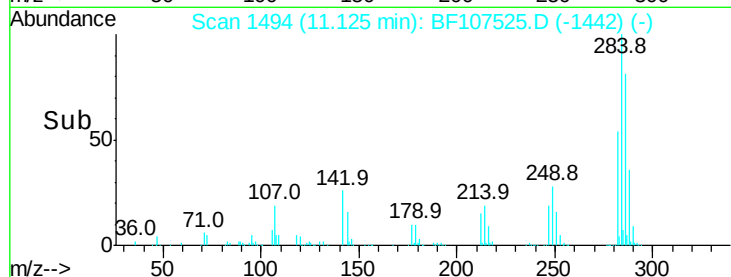
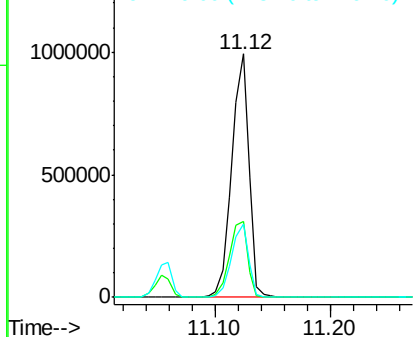
#67
Hexachlorobenzene
Concen: 83.802 ng
RT: 11.12 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 1020061
Ion Ratio Lower Upper
284 100
142 31.1 34.6 52.0#
249 30.1 24.8 37.2

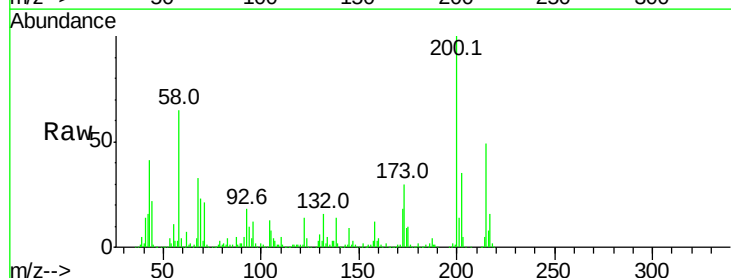


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

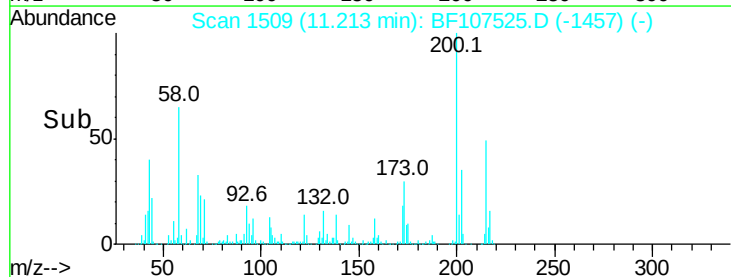
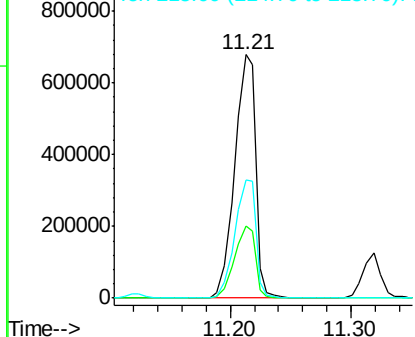


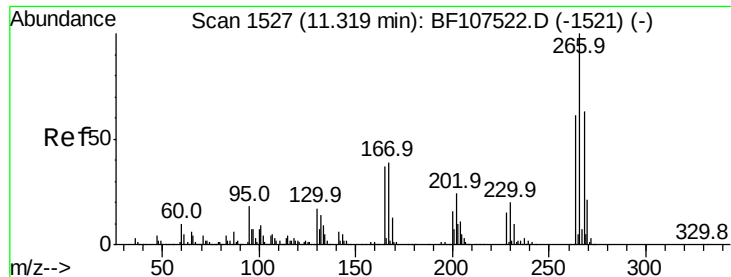
#68
Atrazine
Concen: 59.989 ng
RT: 11.21 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion:200 Resp: 822915
Ion Ratio Lower Upper
200 100
173 29.8 8.6 48.6
215 48.7 25.1 65.1



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

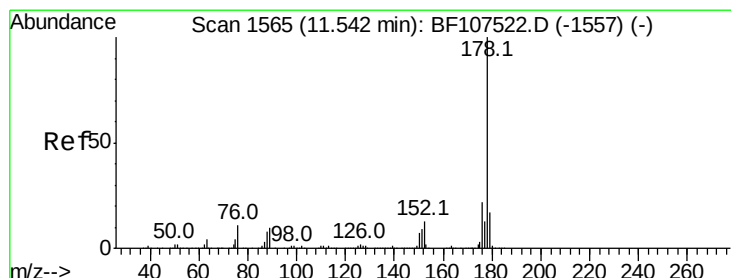
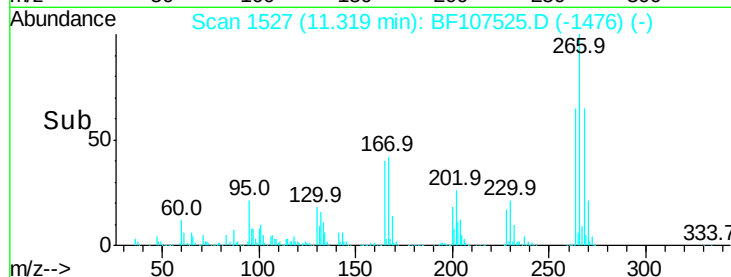
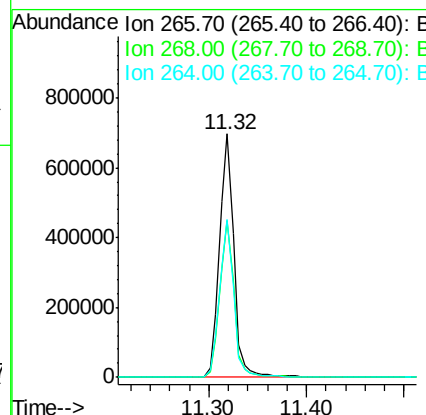
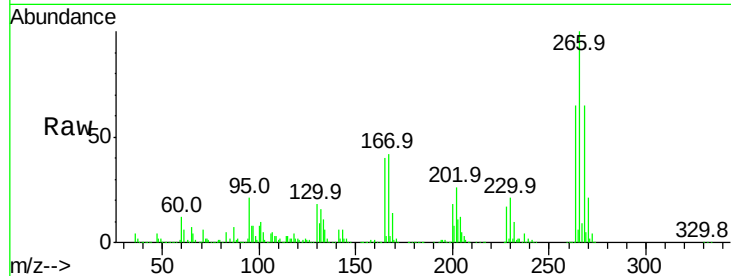




#69
 Pentachlorophenol
 Concen: 80.269 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

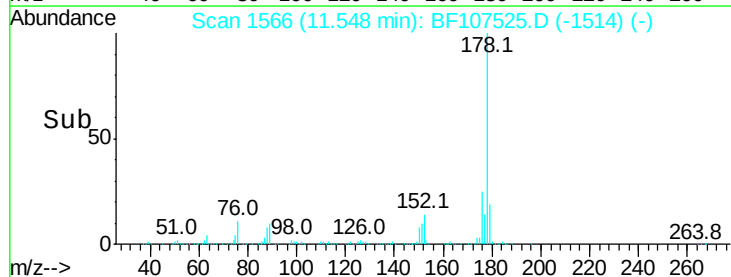
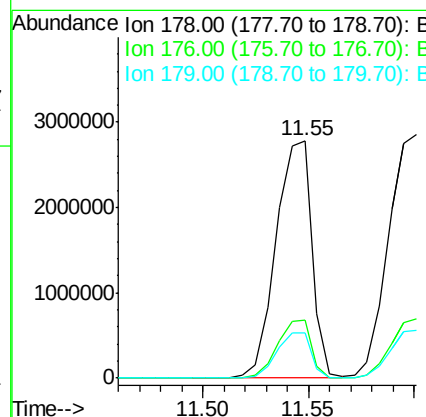
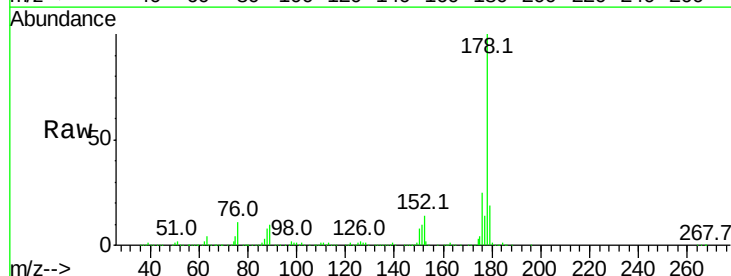
Instrument :
 BNA_F
 ClientSampleId :

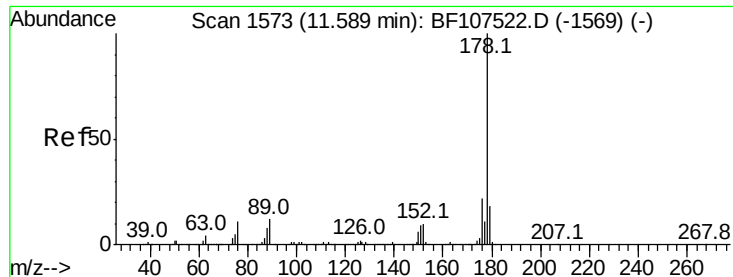
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	64.7	49.5	74.3



#70
 Phenanthrene
 Concen: 57.685 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.5	15.8	23.8#
179	18.9	13.0	19.6

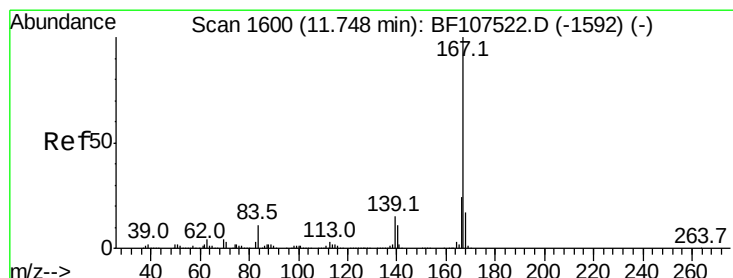
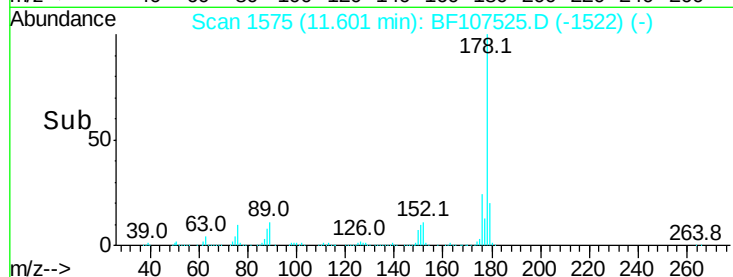
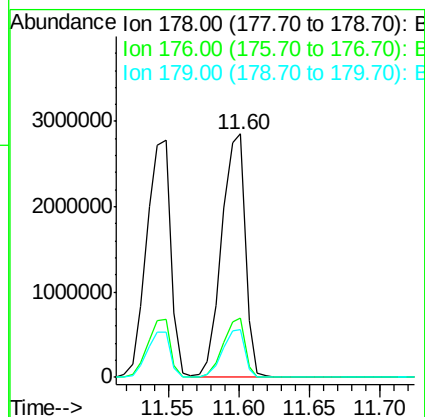
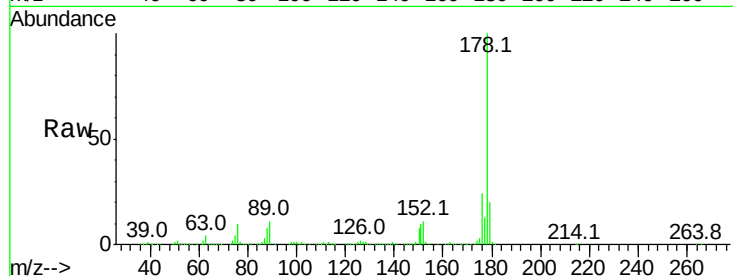




#71
 Anthracene
 Concen: 58.228 ng
 RT: 11.60 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

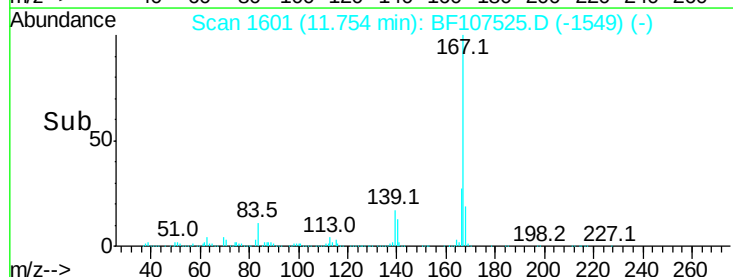
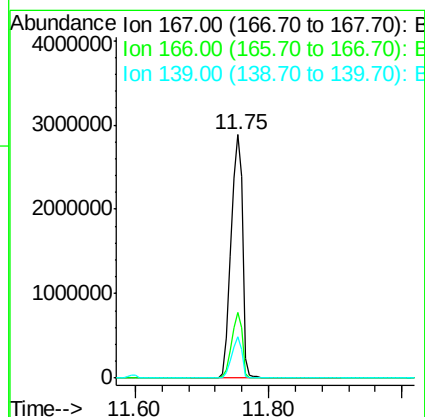
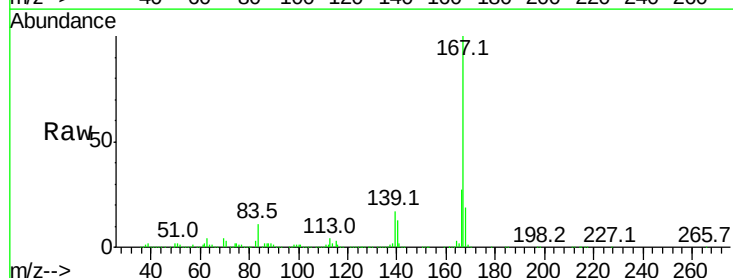
Instrument :
 BNA_F
 ClientSampleId :

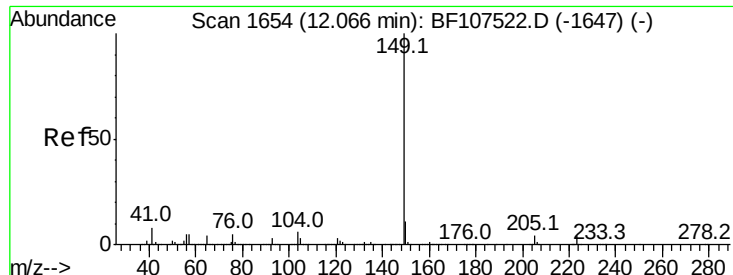
Tot Ion:178 Resp: 3321982
 Ion Ratio Lower Upper
 178 100
 176 24.3 15.4 23.2#
 179 19.9 12.6 19.0#



#72
 Carbazole
 Concen: 65.403 ng
 RT: 11.75 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion:167 Resp: 3532540
 Ion Ratio Lower Upper
 167 100
 166 27.2 17.6 26.4#
 139 17.1 10.9 16.3#

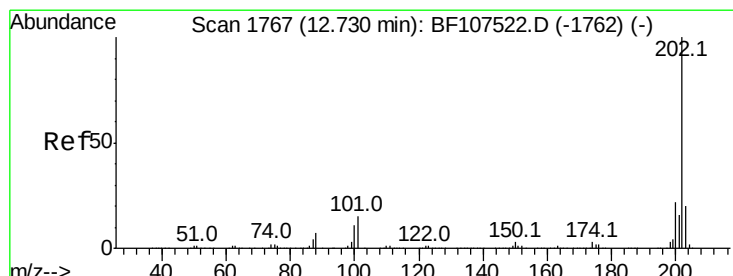
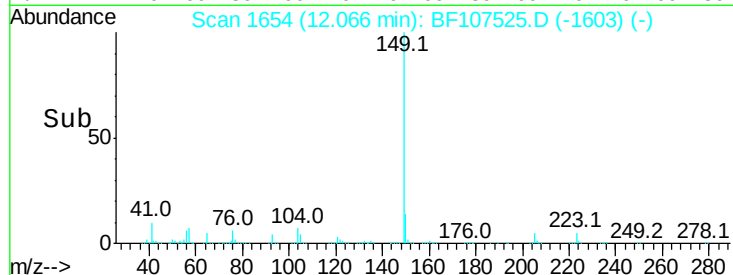
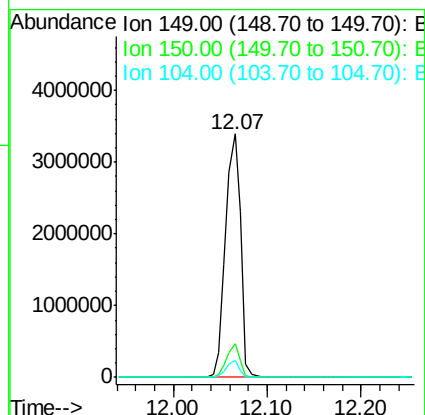
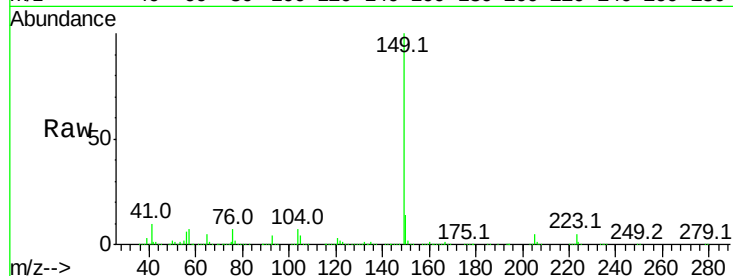




#73
Di-n-butylphthalate
Concen: 61.500 ng
RT: 12.07 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

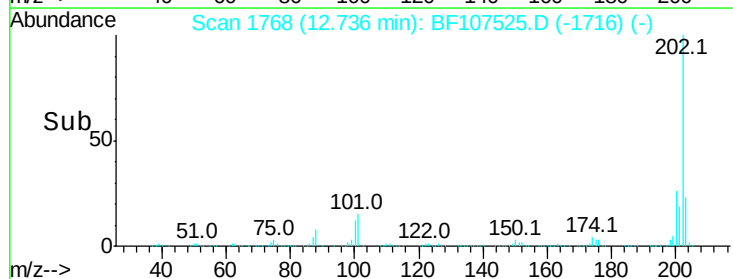
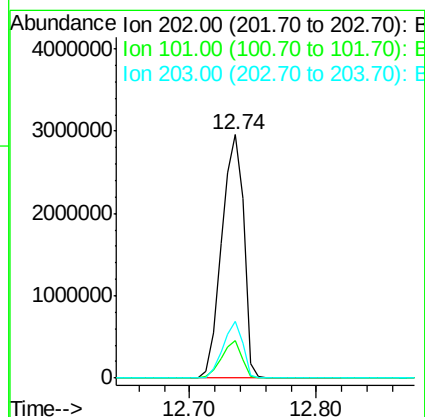
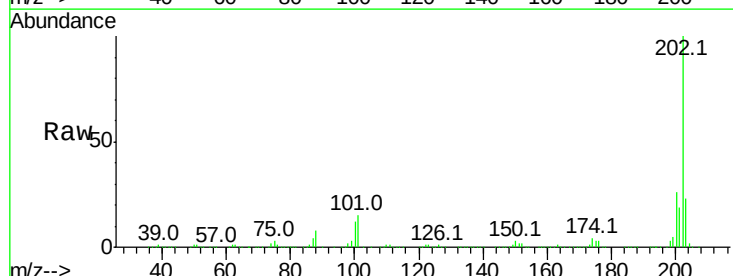
Instrument :
BNA_F
ClientSampleId :

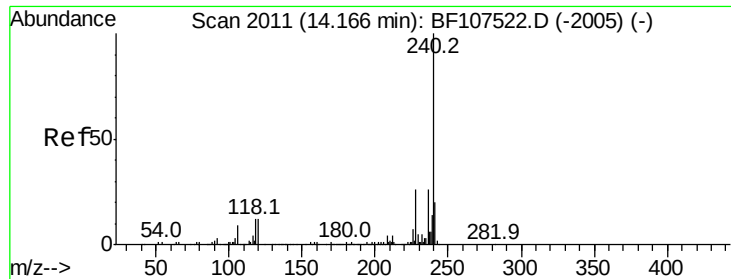
Tot Ion:149 Resp: 3817439
Ion Ratio Lower Upper
149 100
150 14.0 7.8 11.6#
104 7.2 3.8 5.8#



#74
Fluoranthene
Concen: 54.947 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion:202 Resp: 3577242
Ion Ratio Lower Upper
202 100
101 15.3 0.0 34.1
203 23.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampled :

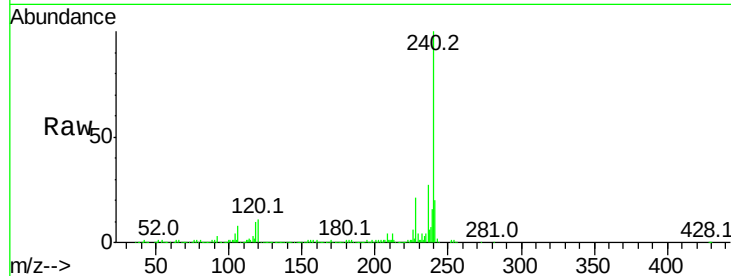
Tot Ion:240 Resp: 765509

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

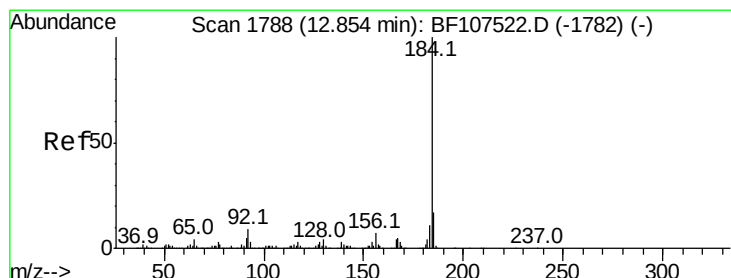
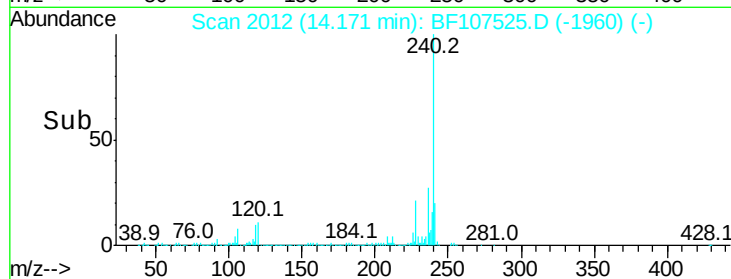
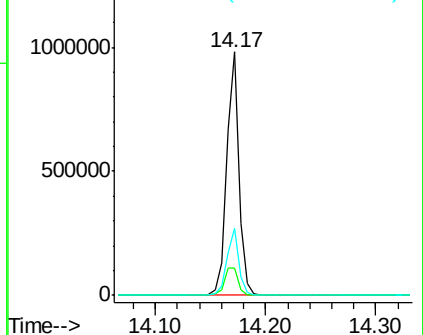
236 27.4 20.7 31.1



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: 2.160 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.25 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

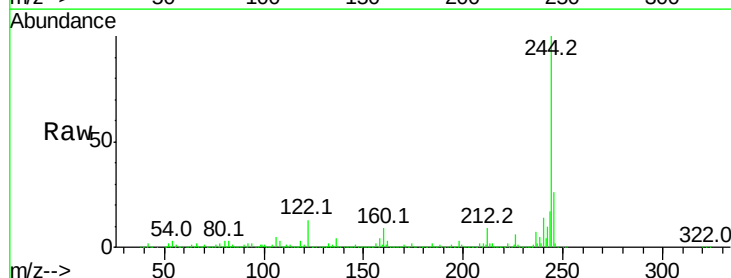
Tgt Ion:184 Resp: 64168

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

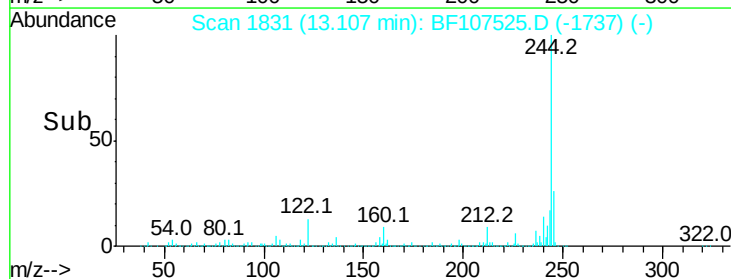
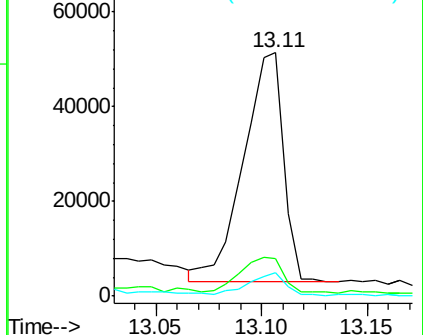
183 9.8 9.3 13.9

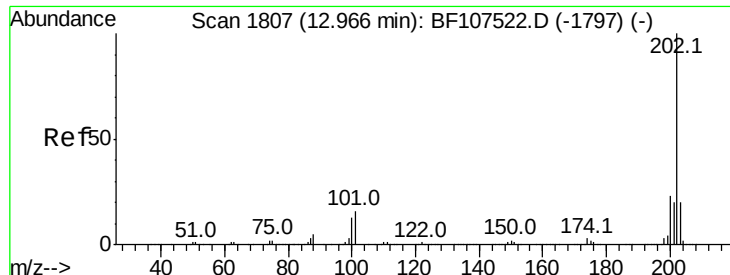


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

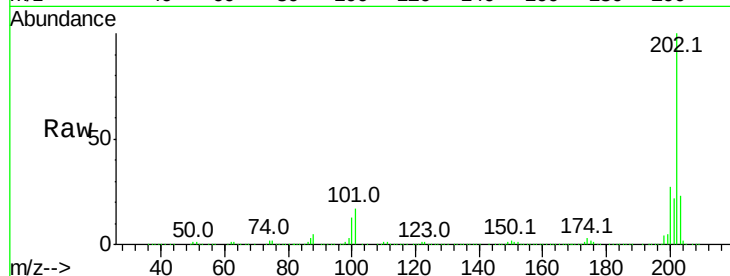




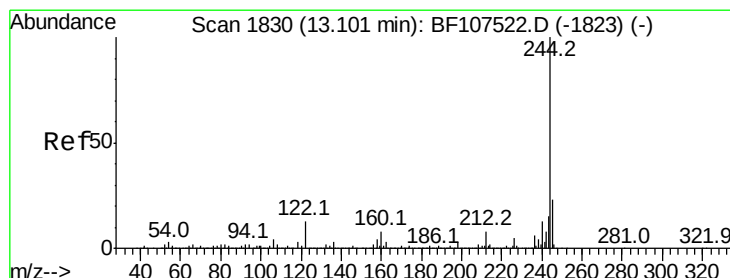
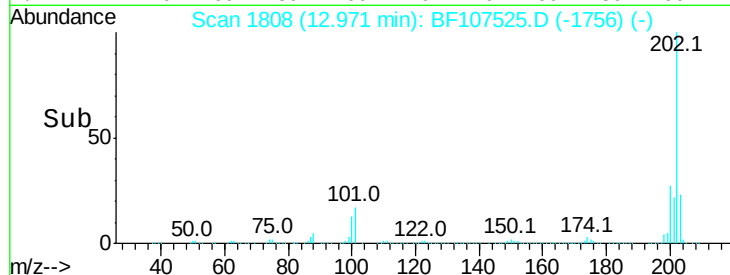
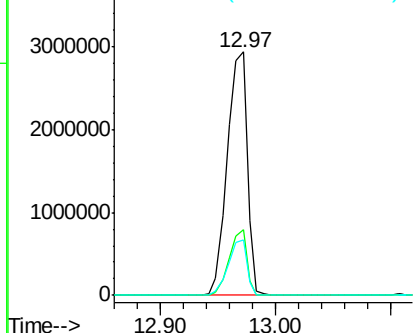
#77
Pvrene
Concen: 67.929 ng
RT: 12.97 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 3536118
Ion Ratio Lower Upper
202 100
200 26.8 17.4 26.2#
203 22.8 14.3 21.5#

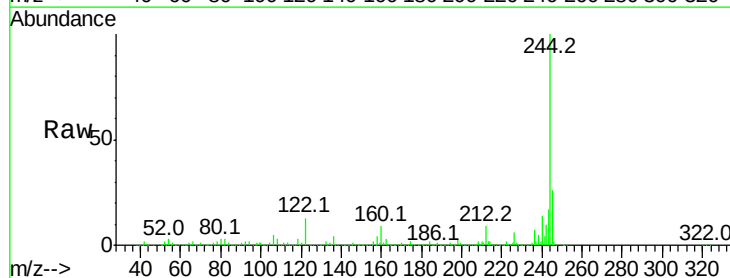


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

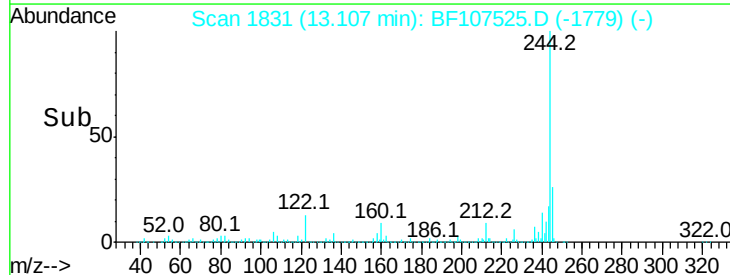
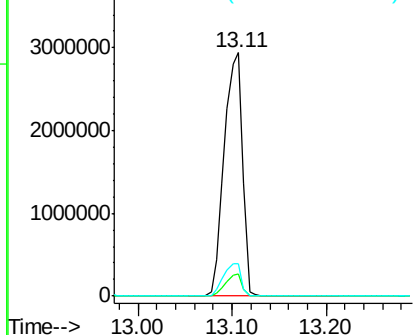


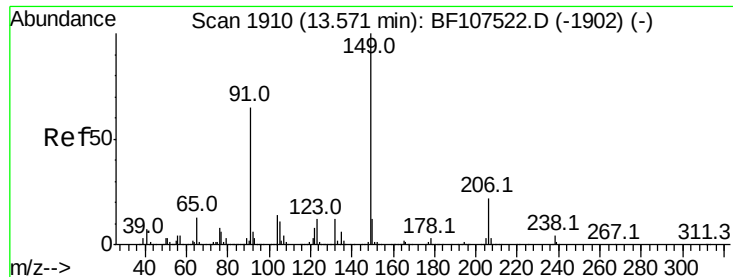
#78
Terphenyl-d14
Concen: 130.203 ng
RT: 13.11 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion:244 Resp: 4011599
Ion Ratio Lower Upper
244 100
212 9.3 5.4 8.0#
122 13.2 11.0 16.4



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

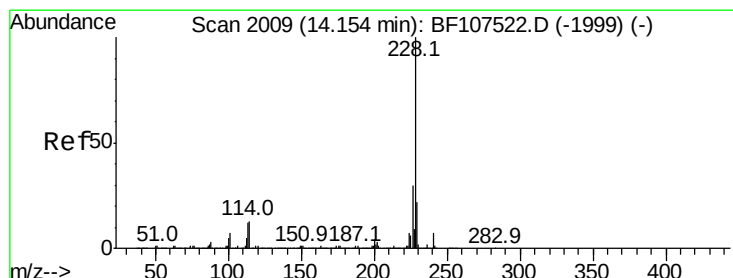
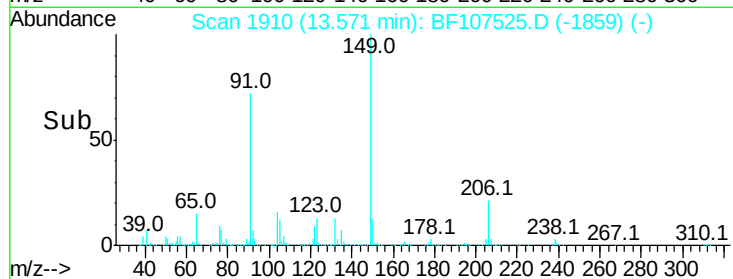
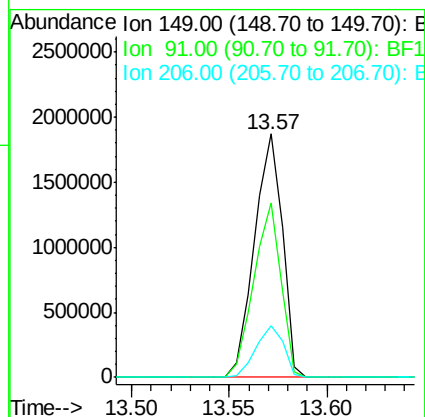
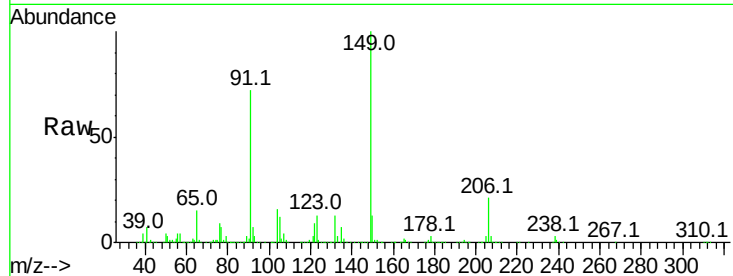




#79
Butylbenzylphthalate
Concen: 98.382 ng
RT: 13.57 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

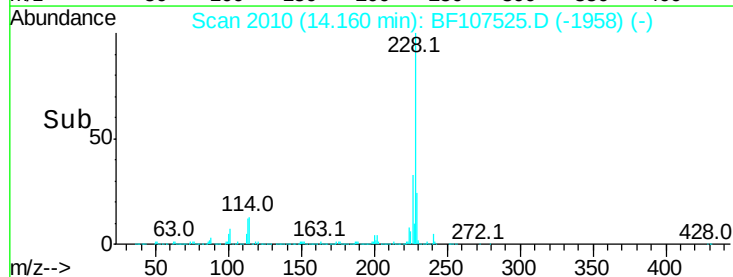
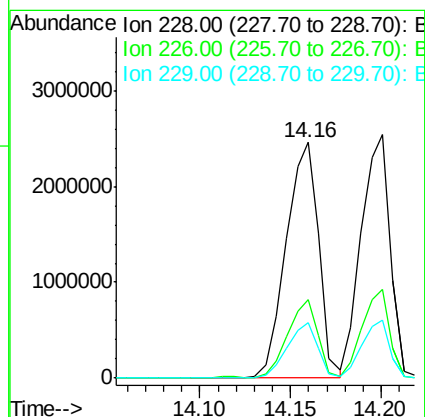
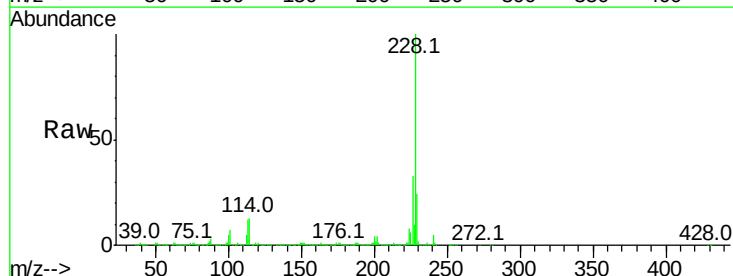
Instrument :
BNA_F
ClientSampleId :

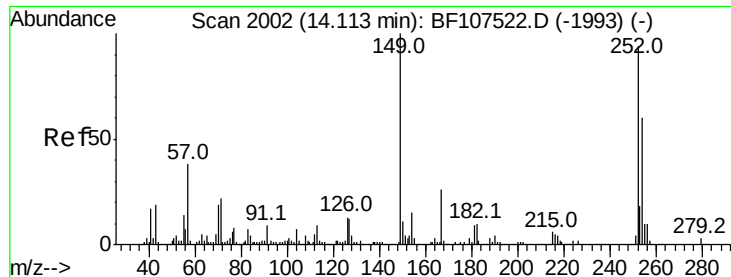
Tot Ion:149 Resp: 1865501
Ion Ratio Lower Upper
149 100
91 71.5 56.8 85.2
206 21.3 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 65.860 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion:228 Resp: 3084790
Ion Ratio Lower Upper
228 100
226 33.2 22.6 33.8
229 23.5 15.8 23.6

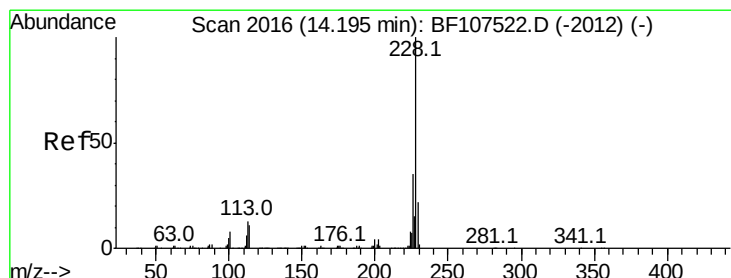
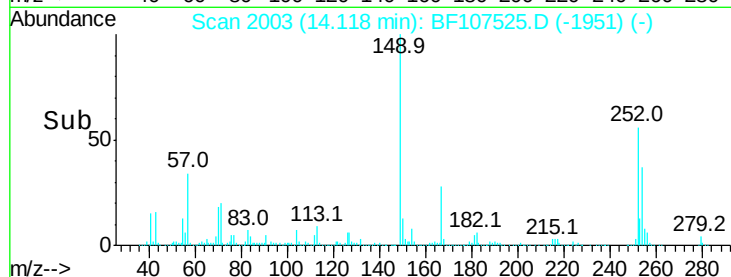
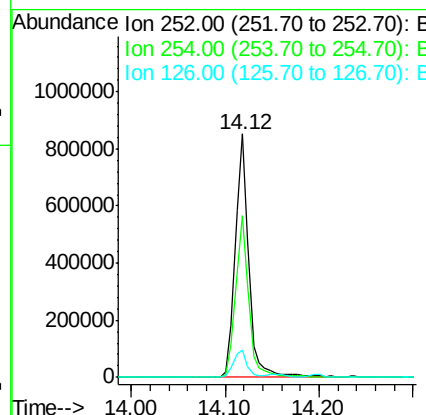
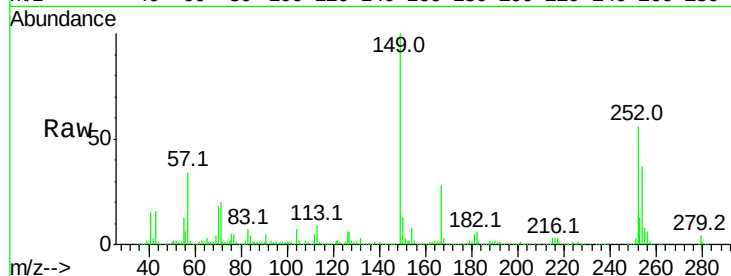




#81
 3,3'-Dichlorobenzidine
 Concen: 54.381 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

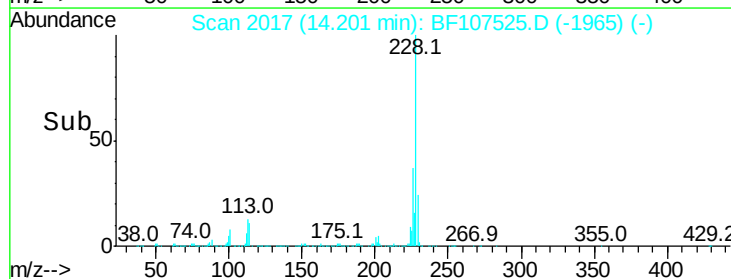
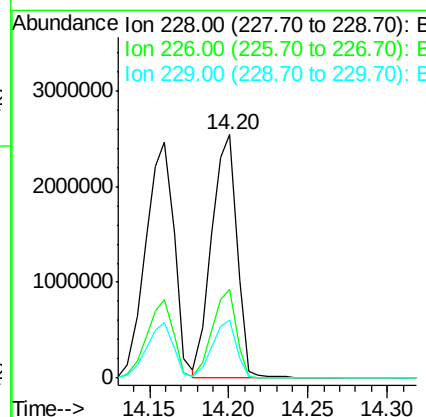
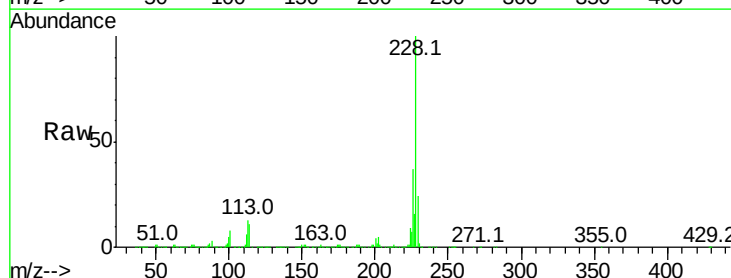
Instrument :
 BNA_F
 ClientSampleId :

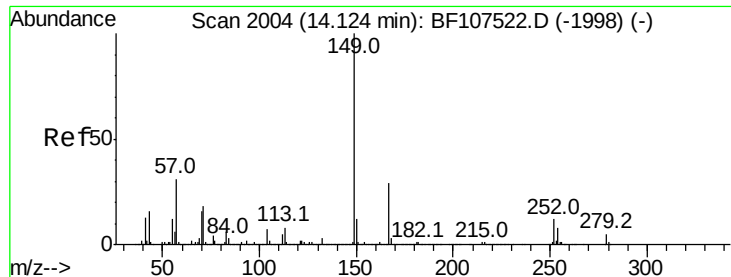
Tot Ion:252 Resp: 854246
 Ion Ratio Lower Upper
 252 100
 254 66.3 50.4 75.6
 126 11.3 11.3 16.9



#82
 Chrysene
 Concen: 63.379 ng
 RT: 14.20 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion:228 Resp: 2835737
 Ion Ratio Lower Upper
 228 100
 226 36.6 25.0 37.6
 229 23.7 16.2 24.4



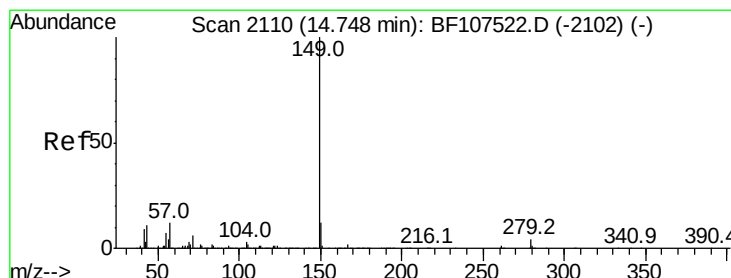
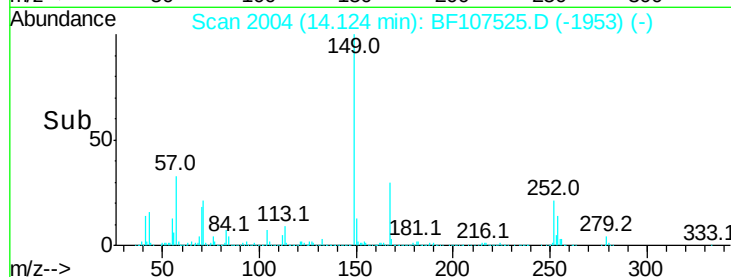
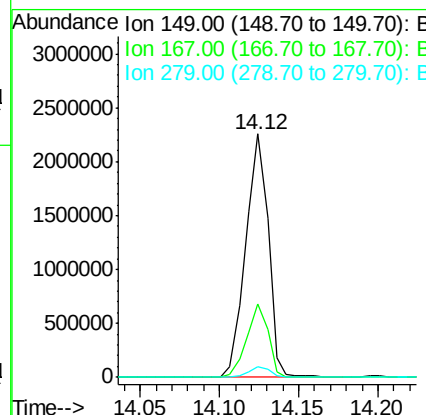
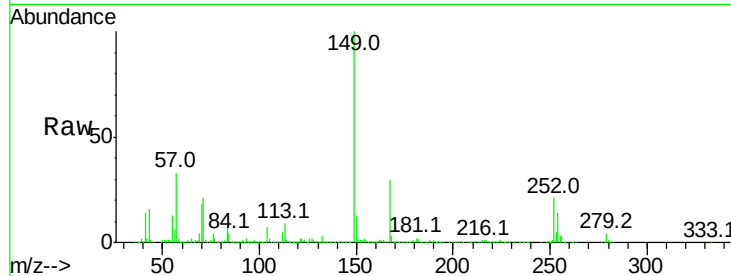


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 81.808 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 2222914

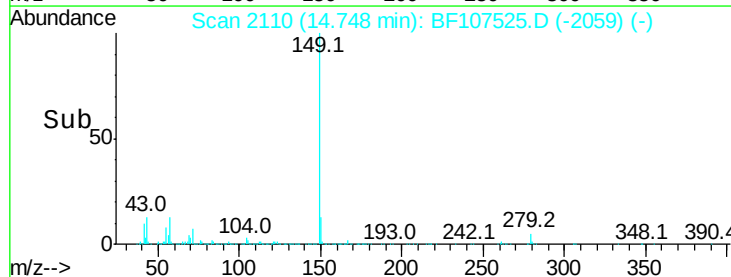
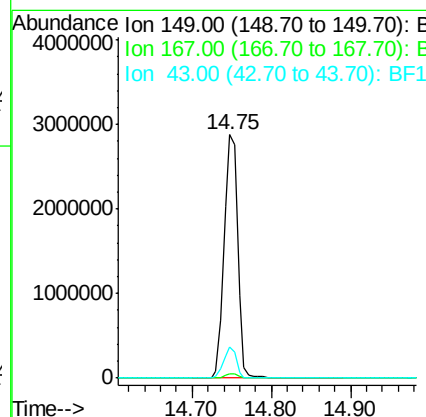
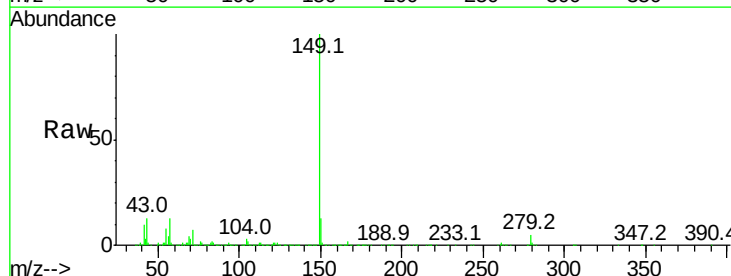
Ion	Ratio	Lower	Upper
149	100		
167	30.2	21.3	31.9
279	4.3	3.0	4.4

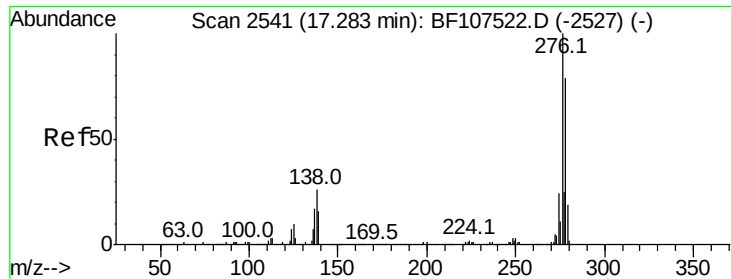


#84
 Di-n-octyl phthalate
 Concen: 81.080 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Tgt Ion:149 Resp: 3424760

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: 89.433 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

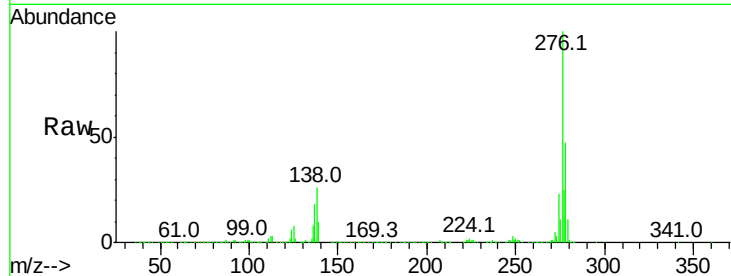
Tot Ion:276 Resp: 2848256

Ion Ratio Lower Upper

276 100

138 27.2 25.0 37.6

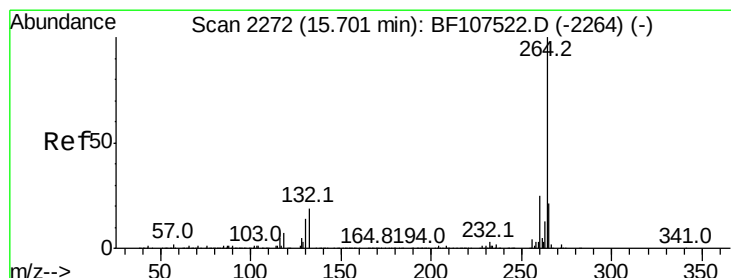
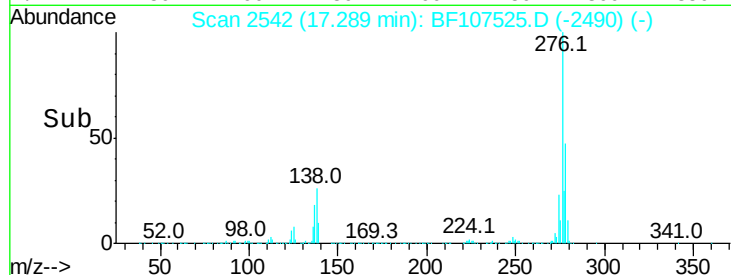
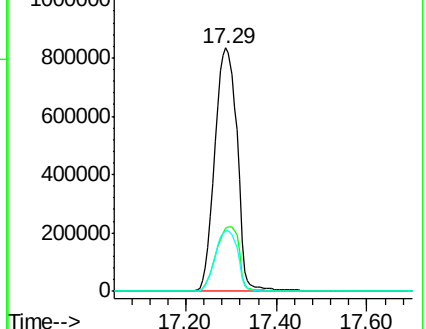
277 25.2 20.1 30.1



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: 15.70 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

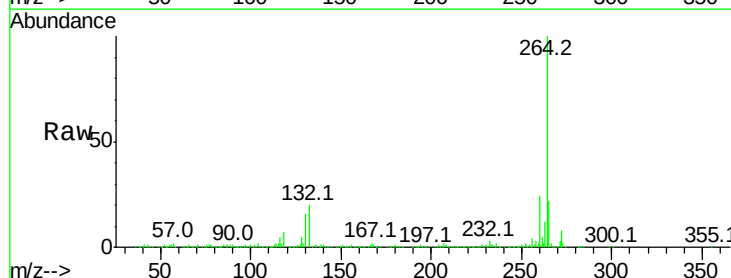
Tgt Ion:264 Resp: 675554

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

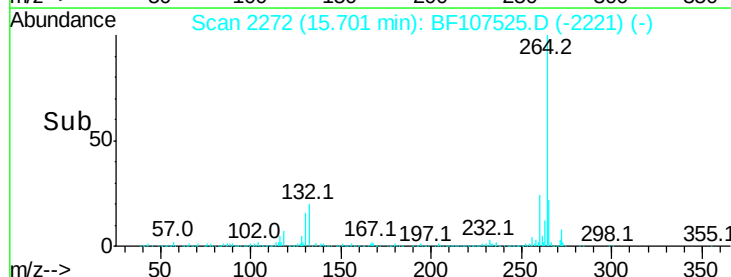
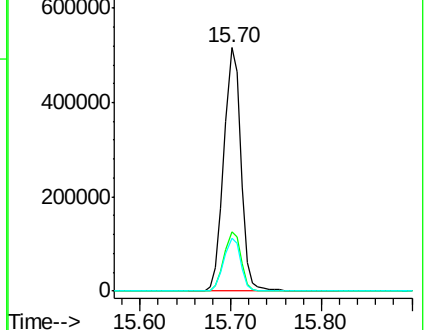
265 21.7 17.5 26.3

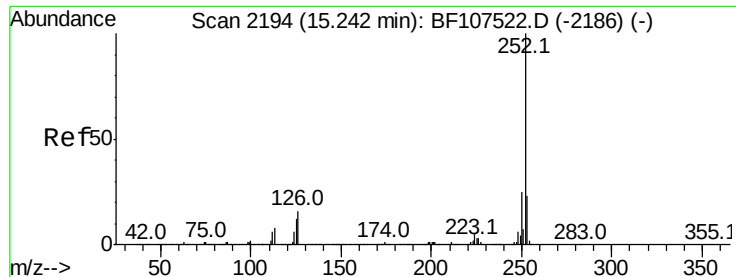


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 68.958 ng

RT: 15.25 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

Instrument :

BNA_F

ClientSampleId :

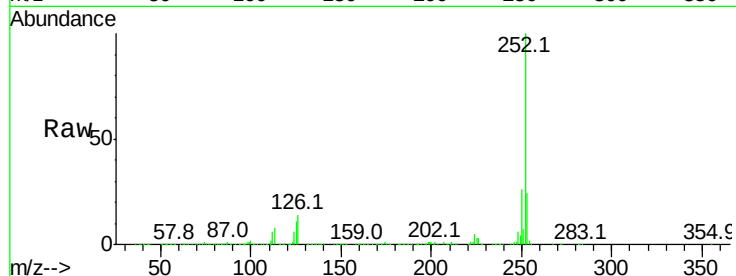
Tot Ion:252 Resp: 2726668

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.6

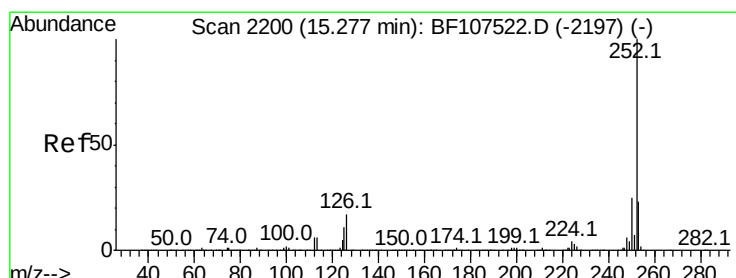
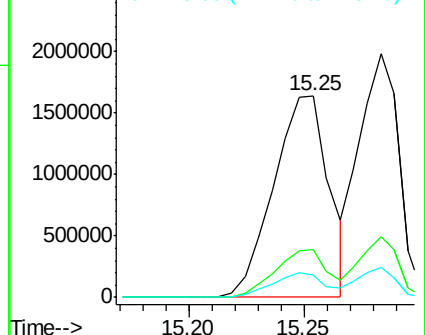
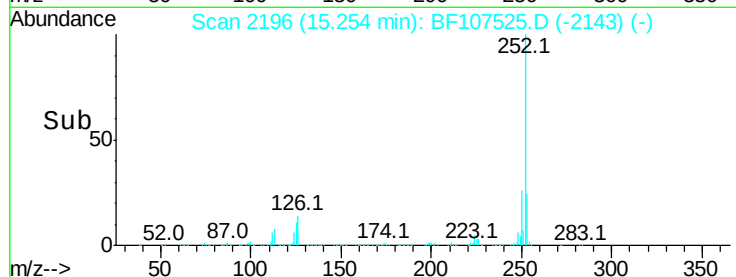
125 11.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 63.044 ng

RT: 15.28 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF107525.D

Acq: 20 Jul 2018 15:29

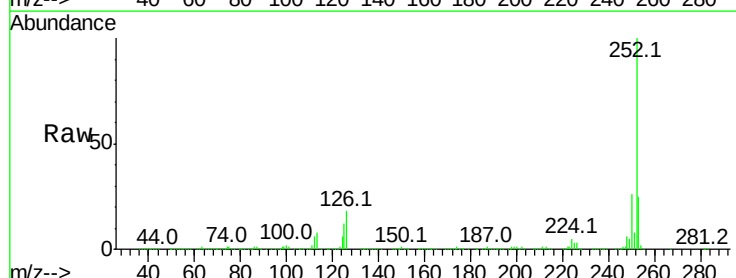
Tgt Ion:252 Resp: 2432791

Ion Ratio Lower Upper

252 100

253 24.7 17.9 26.9

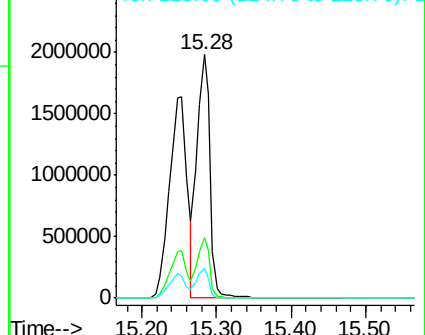
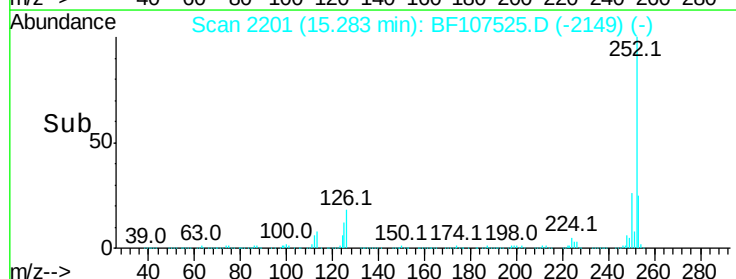
125 12.1 10.2 15.2

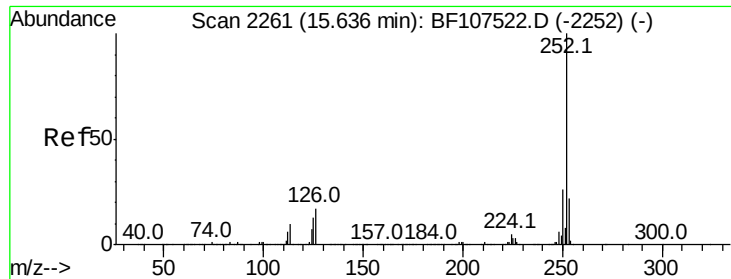


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

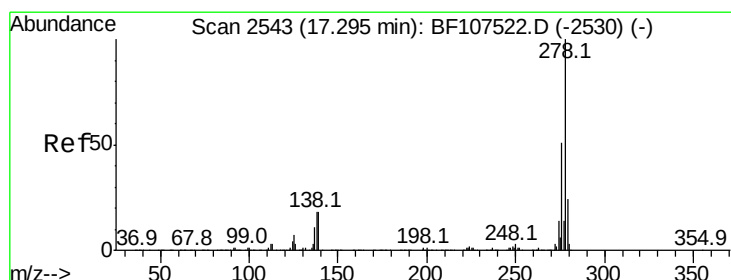
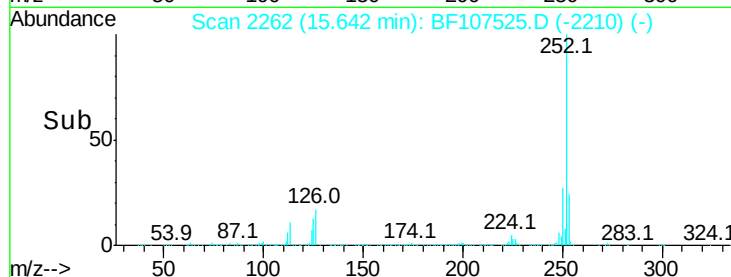
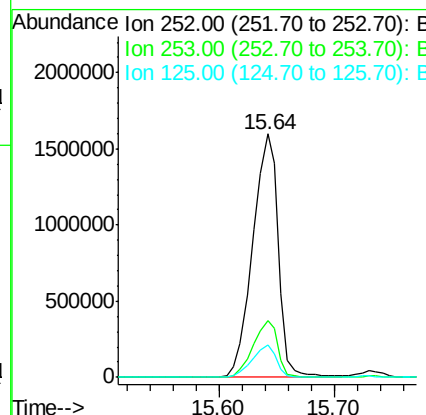
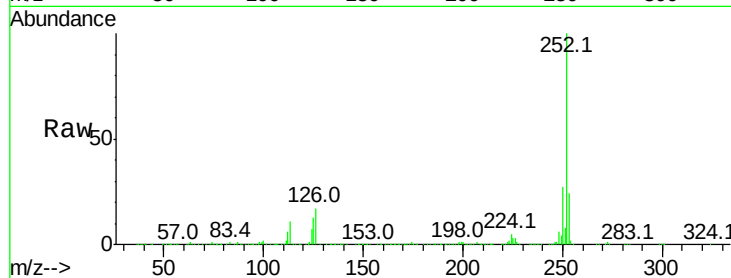




#89
Benzo(a)pyrene
Concen: 67.605 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

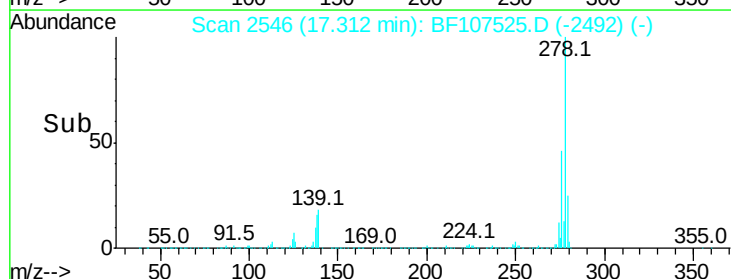
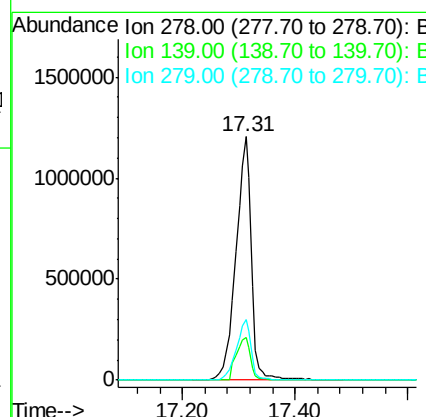
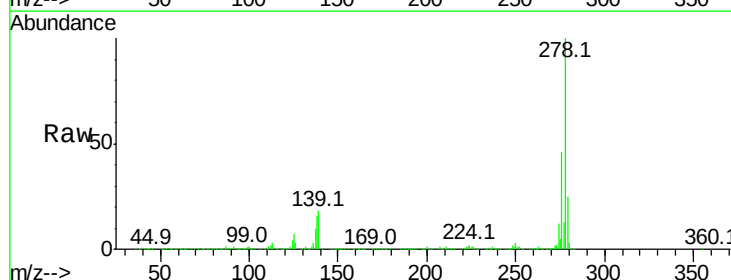
Instrument :
BNA_F
ClientSampleId :

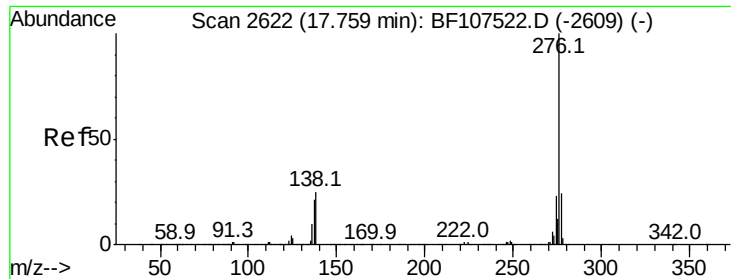
Tot Ion:252 Resp: 2453566
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 13.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 84.484 ng
RT: 17.31 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF107525.D
Acq: 20 Jul 2018 15:29

Tgt Ion:278 Resp: 2314047
Ion Ratio Lower Upper
278 100
139 17.7 15.9 23.9
279 24.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 85.992 ng
 RT: 17.78 min Scan# 2625
 Delta R.T. 0.02 min
 Lab File: BF107525.D
 Acq: 20 Jul 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 2393335
 Ion Ratio Lower Upper
 276 100
 277 24.5 17.9 26.9
 138 23.6 21.8 32.8

