

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102727.D
 Acq On : 5 Feb 2018 9:58
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 12:46:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	197098	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	861533	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	404940	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	693614	20.00	ng	0.00
75) Chrysene-d12	14.05	240	501237	20.00	ng	0.00
86) Perylene-d12	15.53	264	485927	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1066924	82.21	ng	0.00
7) Phenol-d6	6.50	99	1289477	82.52	ng	0.00
23) Nitrobenzene-d5	7.45	82	1145205	92.21	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	302496	92.81	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1920159	78.68	ng	0.00
78) Terphenyl-d14	13.00	244	1626169	76.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	260559	40.647	ng	# 84
3) Pyridine	3.43	79	708252	39.990	ng	86
4) n-Nitrosodimethylamine	3.39	42	300077	39.601	ng	93
6) Aniline	6.55	93	946606	41.019	ng	98
8) 2-Chlorophenol	6.67	128	555350	41.564	ng	98
9) Benzaldehyde	6.43	77	364836	31.438	ng	99
10) Phenol	6.52	94	692608	41.357	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	560976	40.256	ng	93
12) 1,3-Dichlorobenzene	6.82	146	628755	40.637	ng	98
13) 1,4-Dichlorobenzene	6.90	146	627611	40.720	ng	99
14) 1,2-Dichlorobenzene	7.06	146	580982	40.470	ng	98
15) Benzyl Alcohol	7.02	79	511839	42.602	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1050553	39.685	ng	97
17) 2-Methylphenol	7.13	107	511023	41.464	ng	99
18) Hexachloroethane	7.40	117	223293	42.248	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	407857	39.586	ng	92
20) 3+4-Methylphenols	7.29	107	617940	40.658	ng	# 83
22) Acetophenone	7.29	105	797831	37.843	ng	# 94
24) Nitrobenzene	7.47	77	626521	42.884	ng	97
25) Isophorone	7.70	82	1115559	39.009	ng	100
26) 2-Nitrophenol	7.78	139	303361	50.087	ng	97
27) 2,4-Dimethylphenol	7.82	122	491338	40.668	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	662961	39.134	ng	99
29) 2,4-Dichlorophenol	8.02	162	460705	41.947	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	487577	39.242	ng	98
31) Naphthalene	8.19	128	1640636	38.977	ng	99
32) Benzoic acid	7.93	122	437419	50.302	ng	99
33) 4-Chloroaniline	8.23	127	728232	40.160	ng	97
34) Hexachlorobutadiene	8.30	225	258130	40.543	ng	98
35) Caprolactam	8.62	113	160365	42.043	ng	# 82
36) 4-Chloro-3-methylphenol	8.71	107	506421	41.038	ng	100
37) 2-Methylnaphthalene	8.88	142	1074465	38.988	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	426823	38.711	ng	97
40) Hexachlorocyclopentadiene	9.03	237	245458	46.830	ng	98

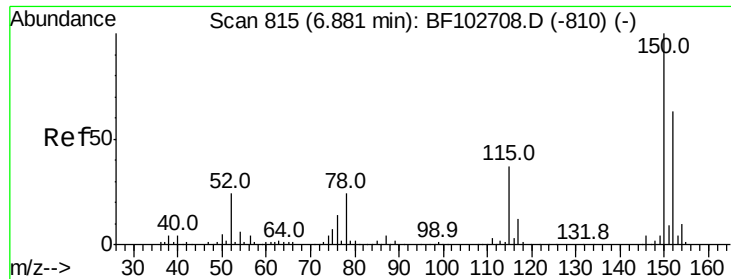
Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102727.D
 Acq On : 5 Feb 2018 9:58
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 12:46:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	315900	43.620	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	354740	43.460	nq	97
45) 1,1'-Biphenyl	9.35	154	1290564	37.839	nq	100
46) 2-Chloronaphthalene	9.37	162	1051519	39.161	nq	99
47) 2-Nitroaniline	9.46	65	365724	44.418	nq	91
48) Acenaphthylene	9.79	152	1614545	38.714	nq	99
49) Dimethylphthalate	9.65	163	1234619	39.102	nq	100
50) 2,6-Dinitrotoluene	9.70	165	276442	46.020	nq	95
51) Acenaphthene	9.96	154	975732	39.122	nq	100
52) 3-Nitroaniline	9.87	138	335394	45.377	nq	99
53) 2,4-Dinitrophenol	9.97	184	97118	59.252	nq #	20
54) Dibenzofuran	10.13	168	1357831	38.632	nq	97
55) 4-Nitrophenol	10.02	139	255001	43.894	nq	91
56) 2,4-Dinitrotoluene	10.10	165	362912	45.236	nq	96
57) Fluorene	10.47	166	1005314	39.312	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	254279	44.947	nq	99
59) Diethylphthalate	10.34	149	1221158	39.169	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	457255	40.419	nq	99
61) 4-Nitroaniline	10.49	138	324042	46.059	nq	92
62) Azobenzene	10.62	77	1181936	37.949	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	163603	54.234	nq	91
65) n-Nitrosodiphenylamine	10.58	169	975446	39.870	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	296995	40.478	nq	98
67) Hexachlorobenzene	11.02	284	326705	40.363	nq	97
68) Atrazine	11.11	200	283495	39.278	nq	98
69) Pentachlorophenol	11.21	266	217319	45.737	nq	98
70) Phenanthrene	11.43	178	1494769	38.695	nq	99
71) Anthracene	11.49	178	1496234	38.082	nq	99
72) Carbazole	11.64	167	1497233	38.897	nq	99
73) Di-n-butylphthalate	11.97	149	1868966	39.971	nq	100
74) Fluoranthene	12.62	202	1499001	38.568	nq	99
76) Benzidine	12.74	184	676112	29.349	nq	99
77) Pyrene	12.85	202	1539261	39.162	nq	100
79) Butylbenzylphthalate	13.47	149	800205	42.678	nq	95
80) Benzo(a)anthracene	14.04	228	1247760	39.582	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	506031	43.295	nq	98
82) Chrysene	14.08	228	1236978	38.927	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1056581	43.882	nq	99
84) Di-n-octyl phthalate	14.64	149	1687090	46.665	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	1134288	43.039	nq	99
87) Benzo(b)fluoranthene	15.09	252	1192691	37.858	nq	98
88) Benzo(k)fluoranthene	15.12	252	1182879	39.295	nq	99
89) Benzo(a)pyrene	15.46	252	1108861	39.102	nq #	96
90) Dibenzo(a,h)anthracene	17.04	278	923149	40.107	nq	99
91) Benzo(g,h,i)perylene	17.47	276	924184	41.022	nq	97

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

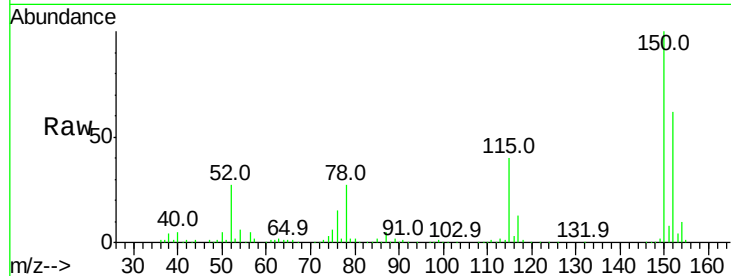


#1

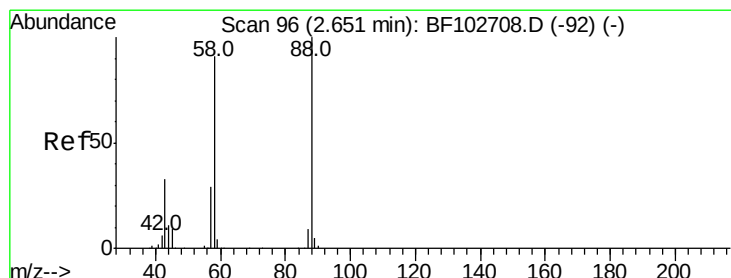
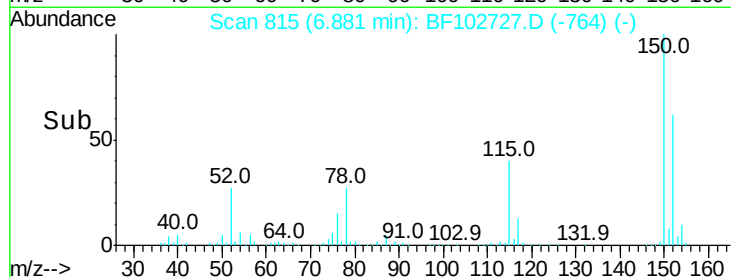
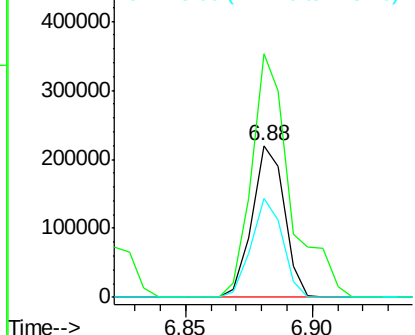
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 197098
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 64.8 50.1 75.1



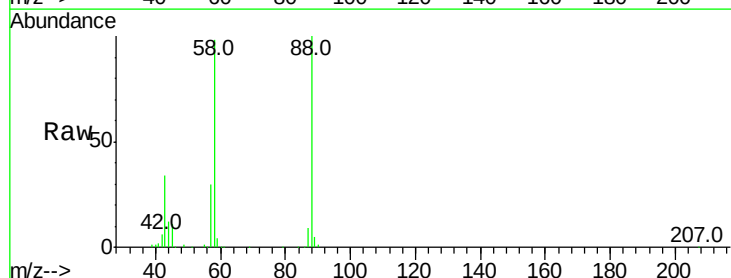
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



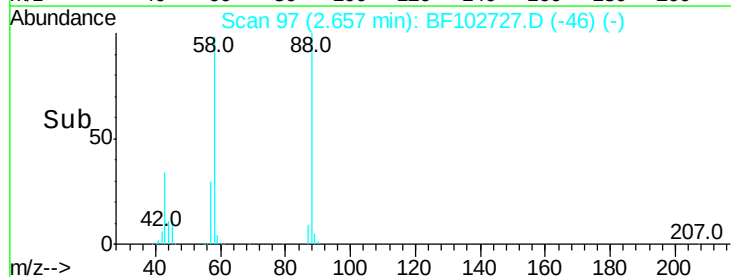
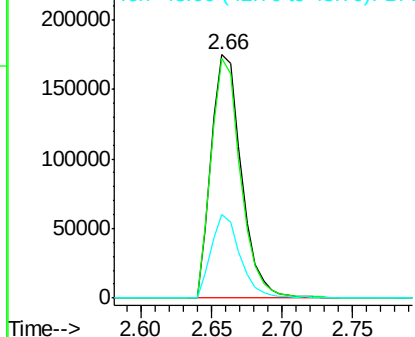
#2

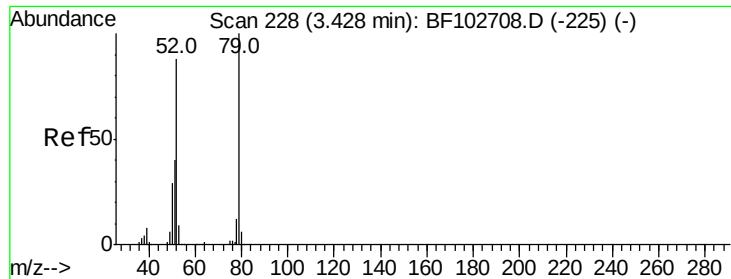
1,4-Dioxane
Concen: 40.647 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion: 88 Resp: 260559
Ion Ratio Lower Upper
88 100
58 95.8 62.6 93.8#
43 33.6 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

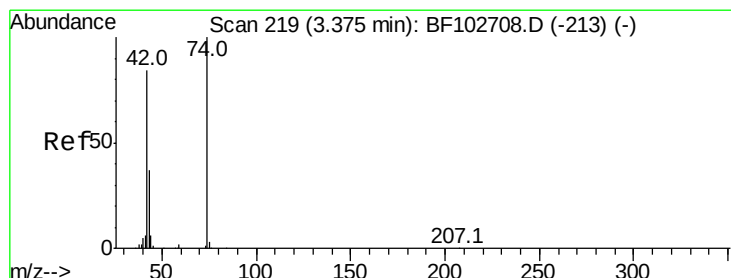
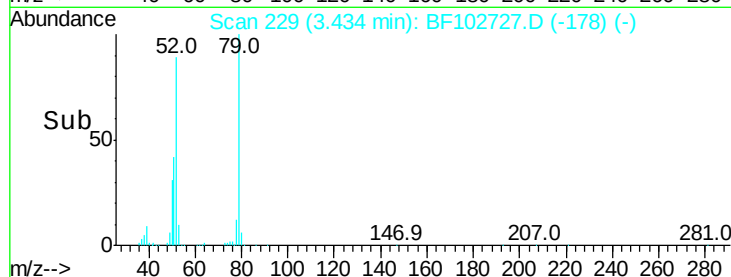
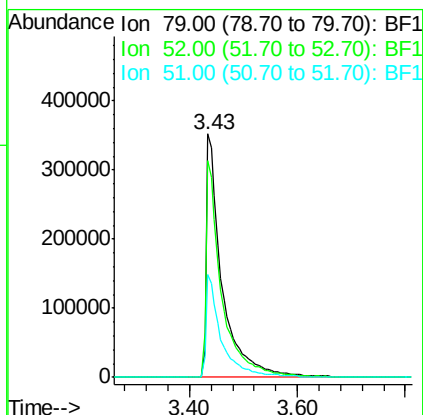
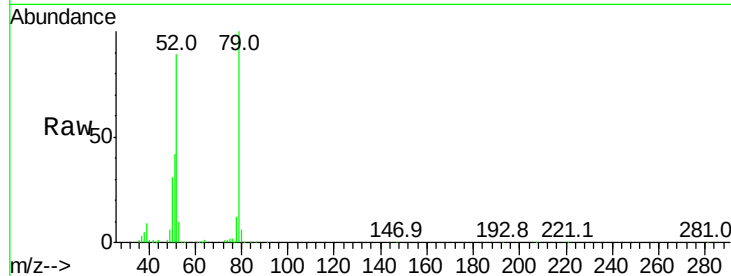




#3
 Pvridine
 Concen: 39.990 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

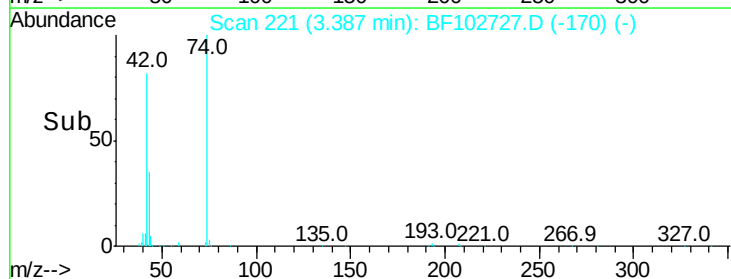
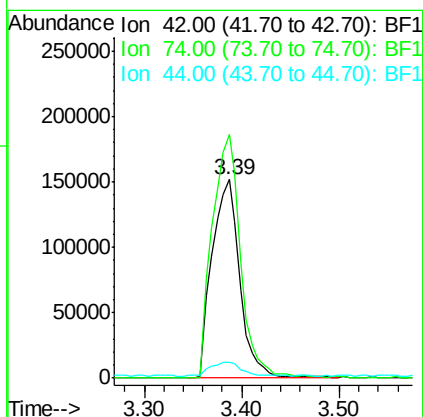
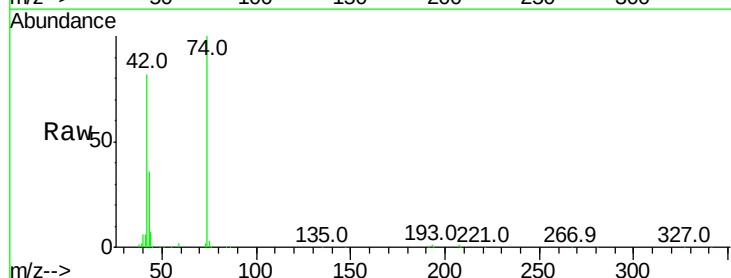
Instrument :
 BNA_F
 ClientSampleId :

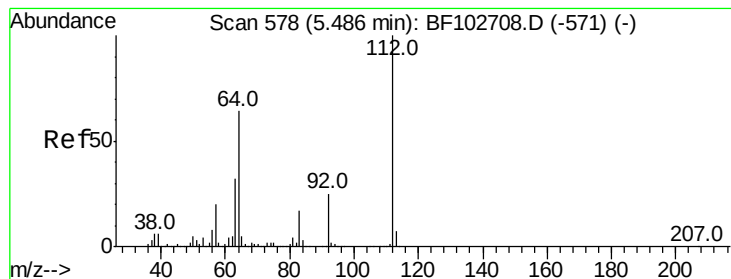
Tot Ion: 79 Resp: 708252
 Ion Ratio Lower Upper
 79 100
 52 89.1 59.8 89.6
 51 42.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 39.601 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Tgt Ion: 42 Resp: 300077
 Ion Ratio Lower Upper
 42 100
 74 122.6 104.9 157.3
 44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 82.208 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampled :

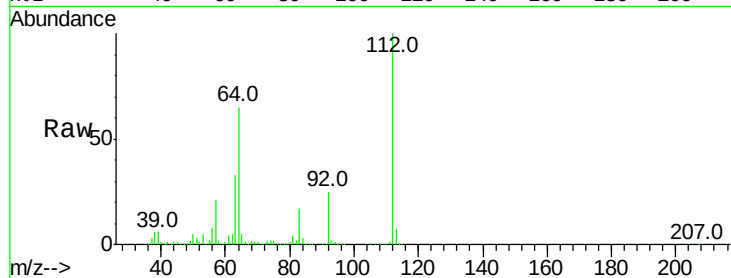
Tot Ion:112 Resp: 1066924

Ion Ratio Lower Upper

112 100

64 65.4 47.9 71.9

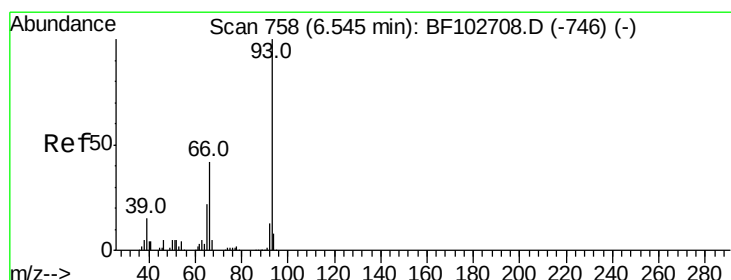
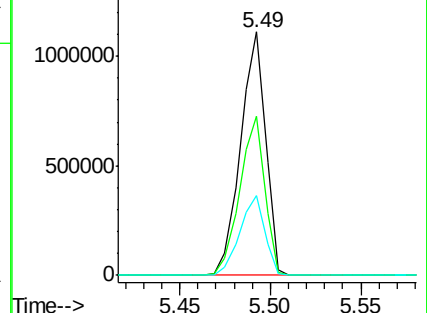
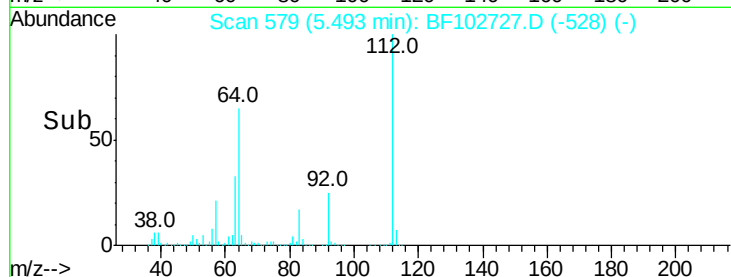
63 32.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.019 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

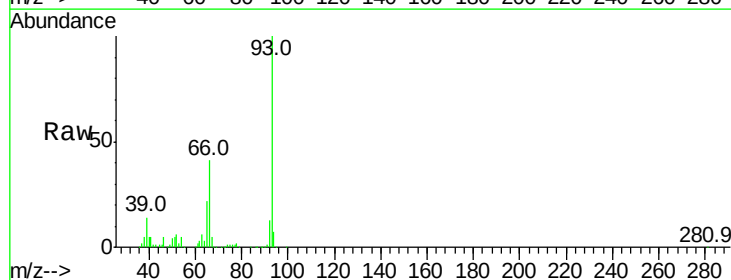
Tgt Ion: 93 Resp: 946606

Ion Ratio Lower Upper

93 100

66 41.1 32.2 48.2

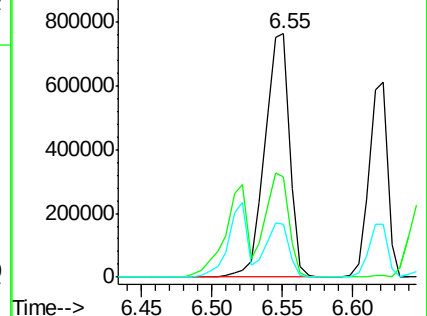
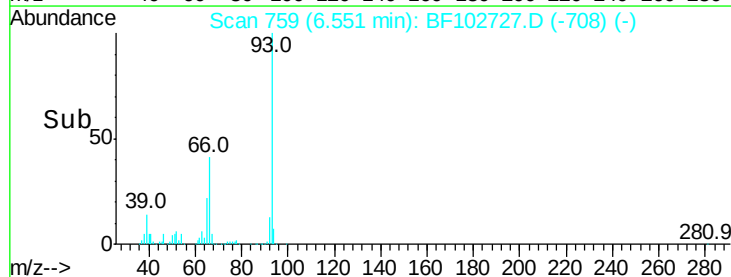
65 21.7 16.4 24.6

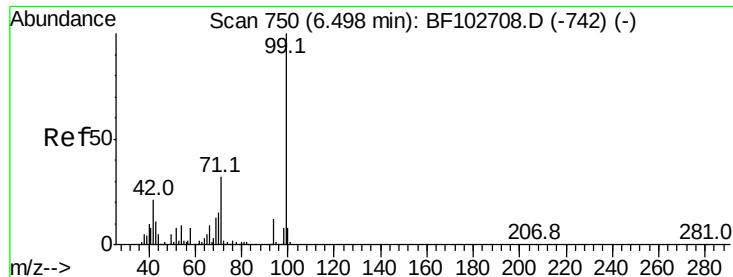


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.517 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

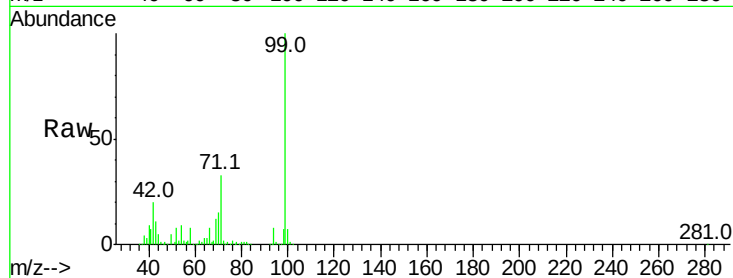
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1289477

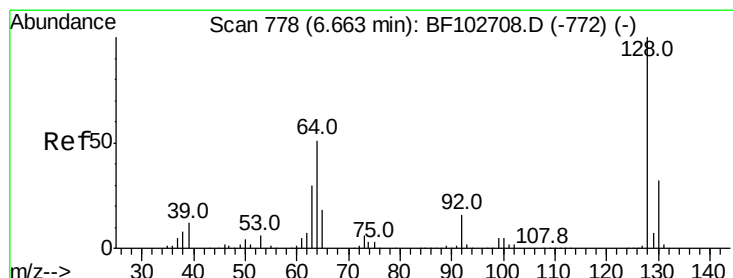
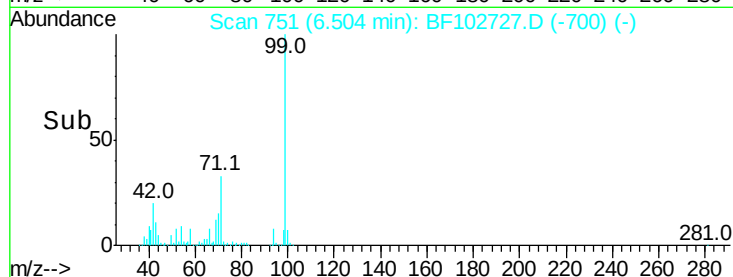
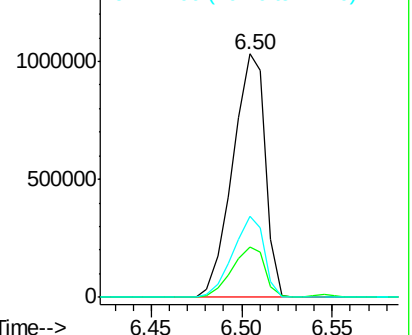
Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.4	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.564 ng

RT: 6.67 min Scan# 779

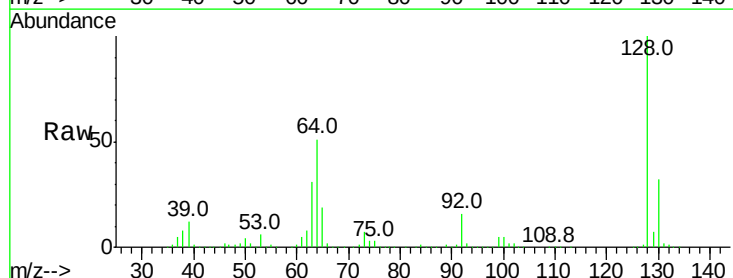
Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Tgt Ion: 128 Resp: 555350

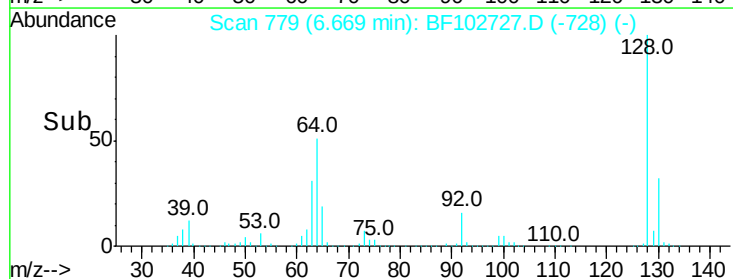
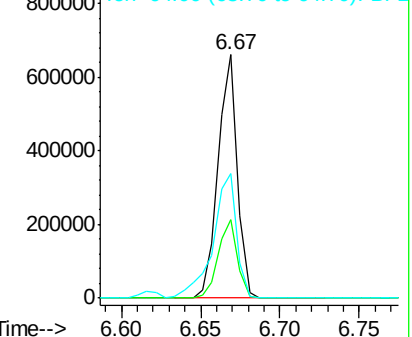
Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	51.0	29.4	69.4

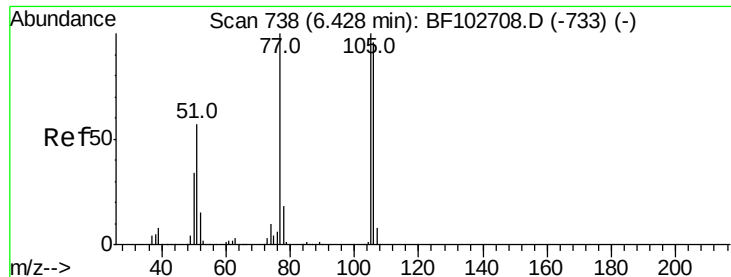


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.438 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampled :

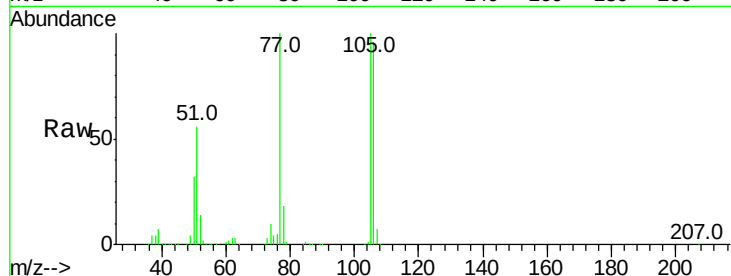
Tot Ion: 77 Resp: 364836

Ion Ratio Lower Upper

77 100

105 100.0 81.1 121.1

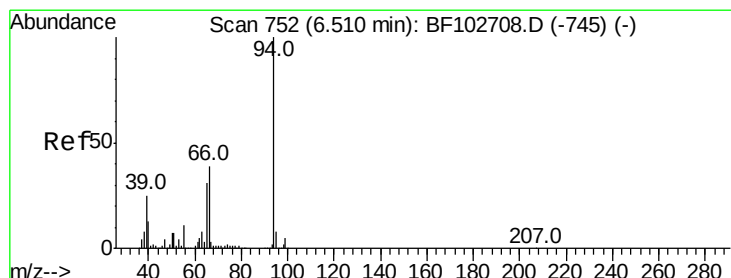
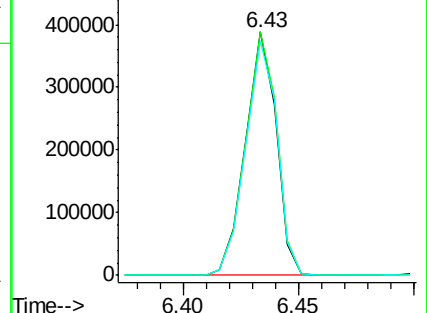
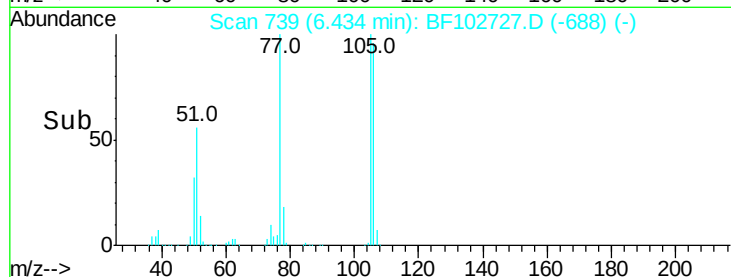
106 96.2 74.5 114.5



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: 41.357 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

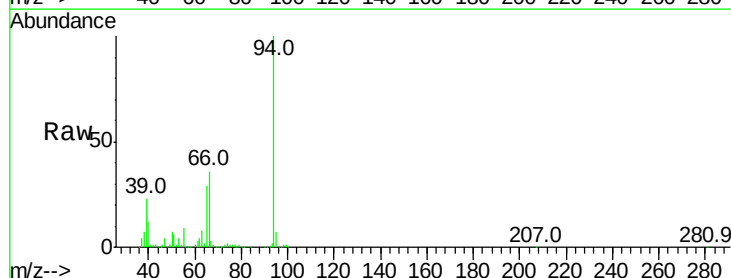
Tgt Ion: 94 Resp: 692608

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

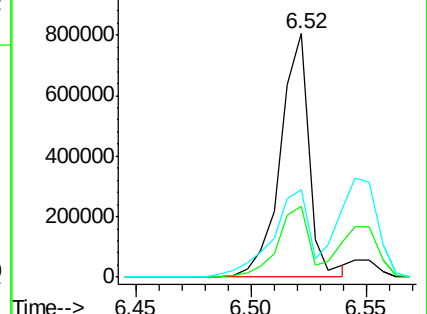
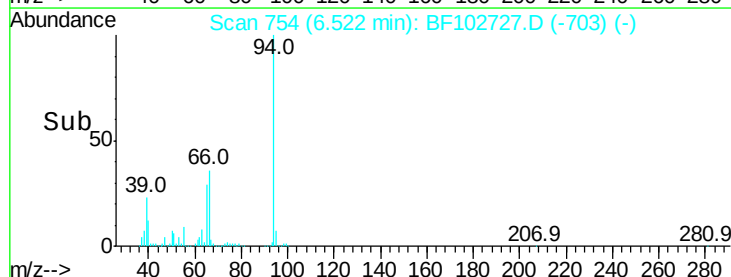
66 36.1 16.2 56.2

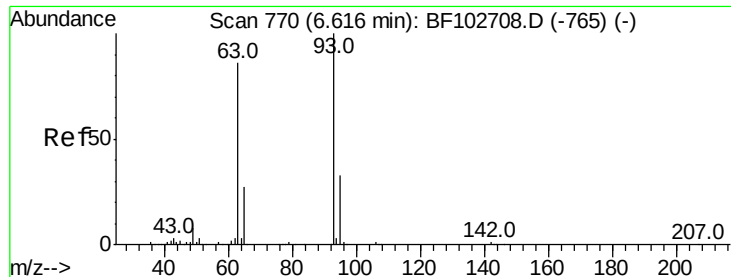


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

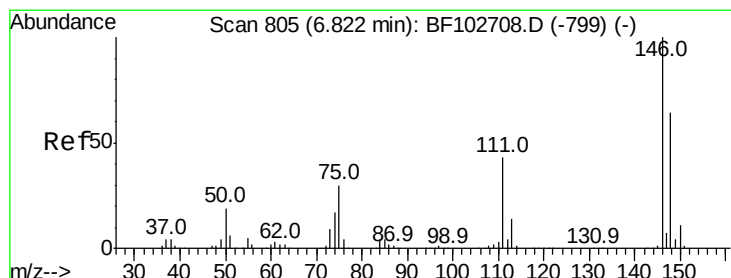
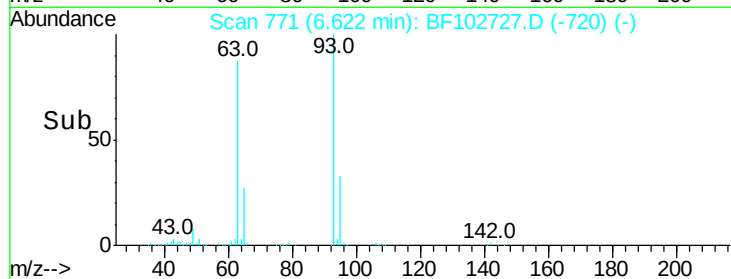
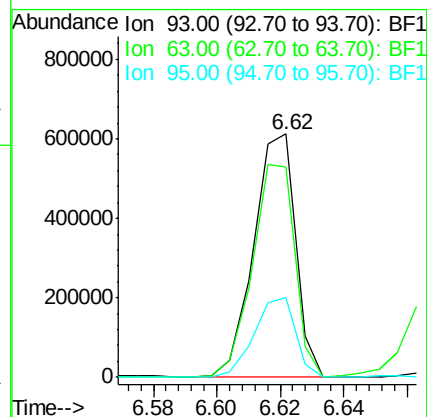
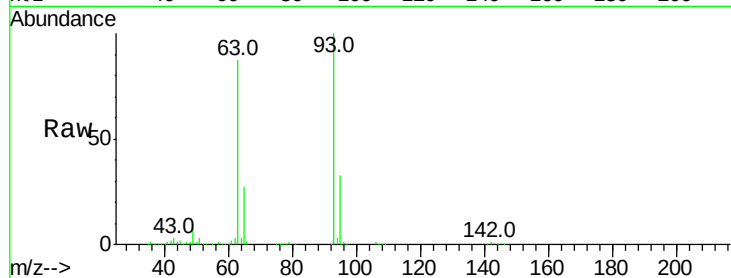




#11
bis(2-Chloroethyl)ether
Concen: 40.256 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

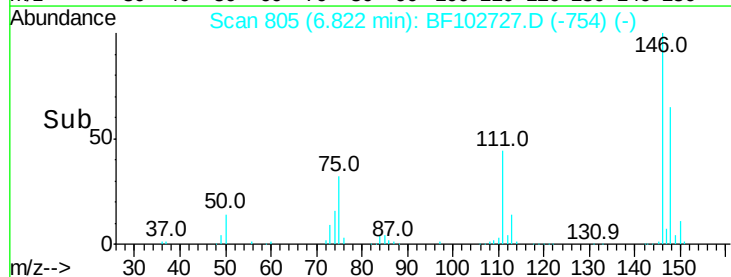
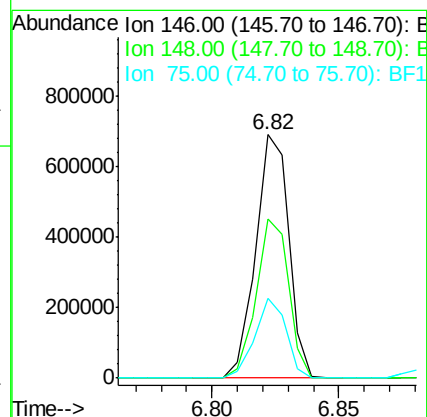
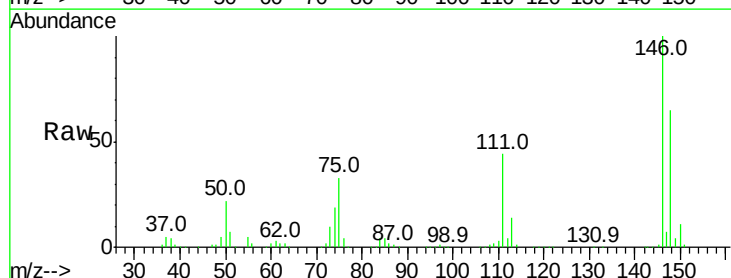
Instrument :
BNA_F
ClientSampleId :

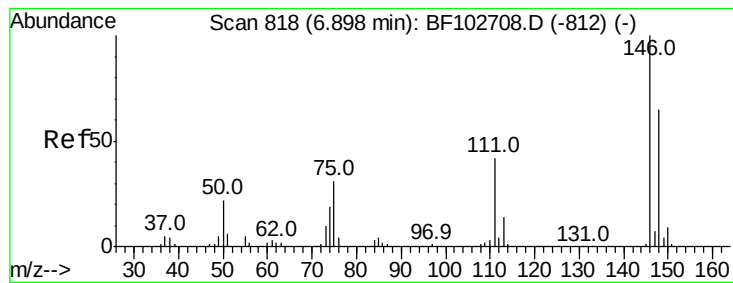
Tot Ion: 93 Resp: 560976
Ion Ratio Lower Upper
93 100
63 86.6 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.637 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion: 146 Resp: 628755
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
75 32.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.720 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampled :

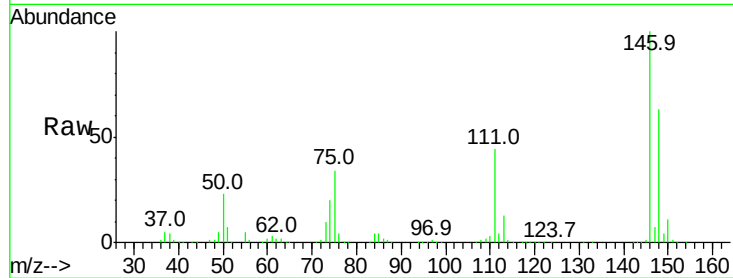
Tot Ion:146 Resp: 627611

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

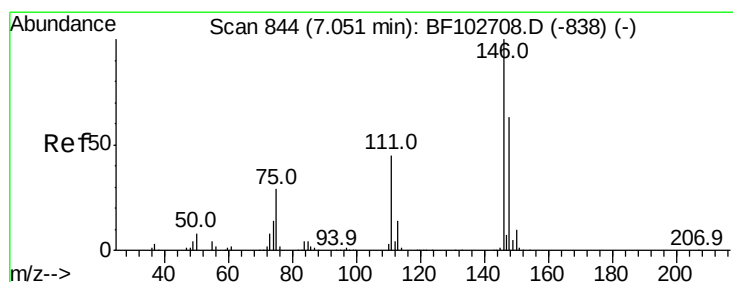
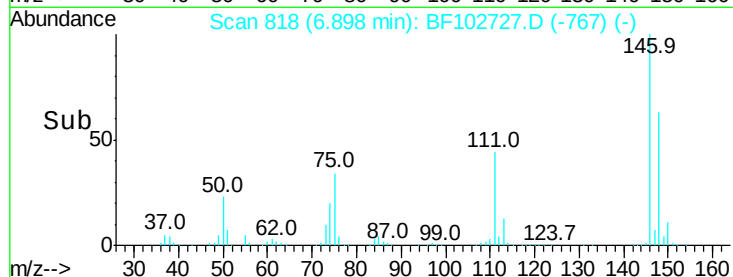
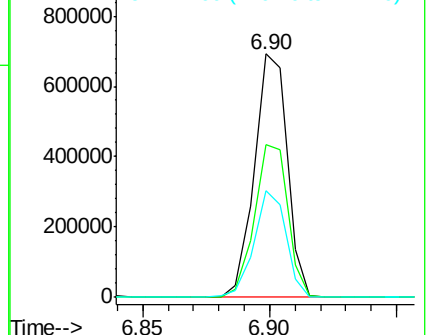
111 43.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.470 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

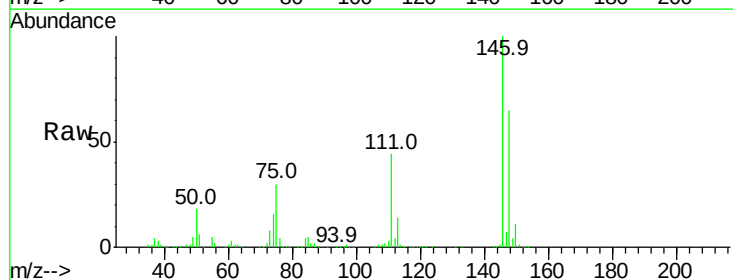
Tgt Ion:146 Resp: 580982

Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

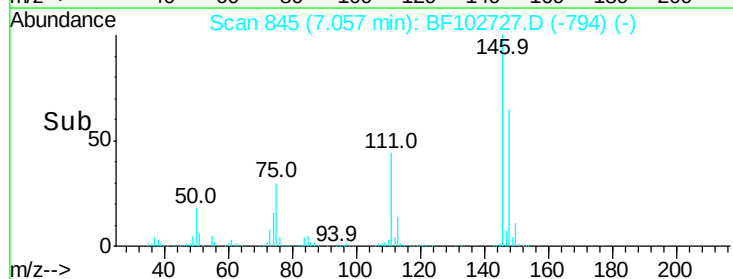
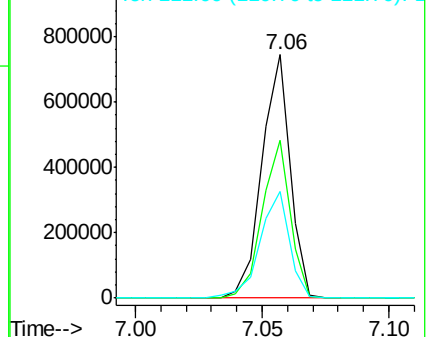
111 43.7 36.0 54.0

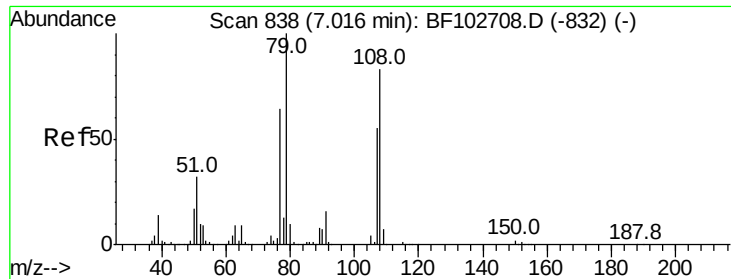


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.602 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

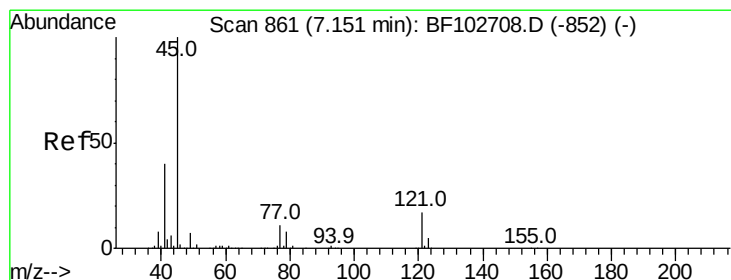
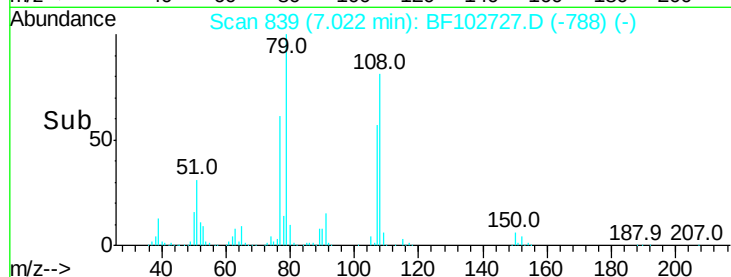
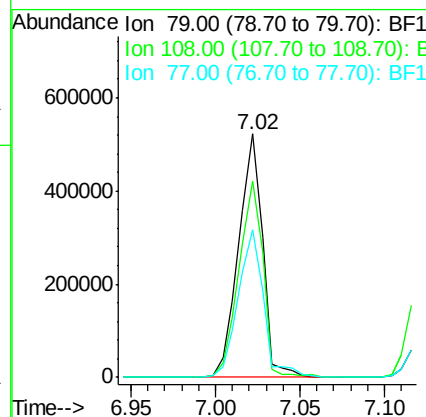
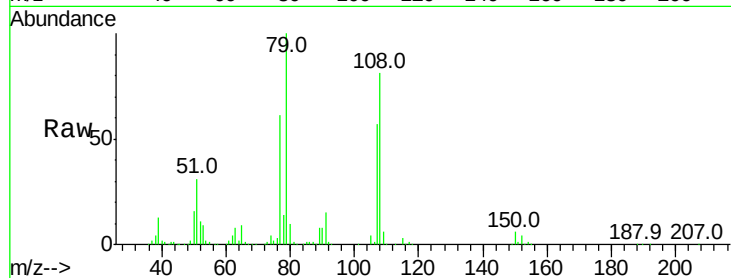
Tot Ion: 79 Resp: 511839

Ion Ratio Lower Upper

79 100

108 80.6 65.1 97.7

77 60.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.685 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

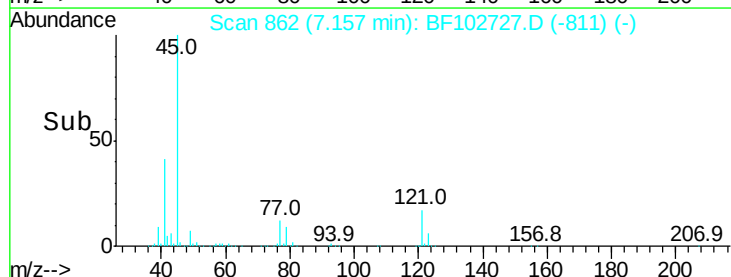
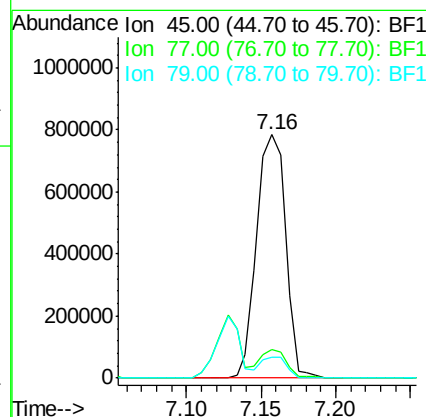
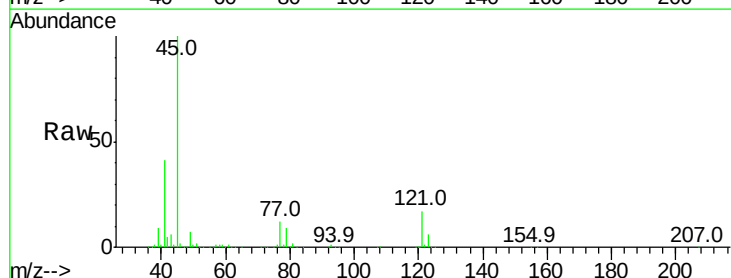
Tgt Ion: 45 Resp: 1050553

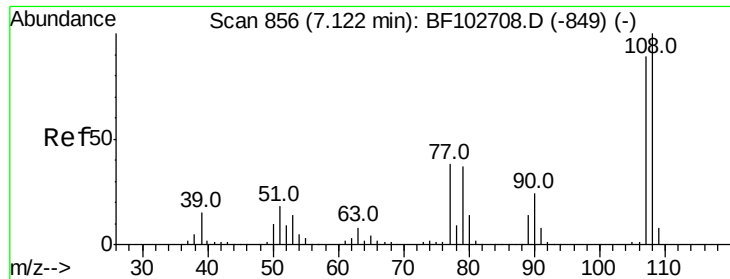
Ion Ratio Lower Upper

45 100

77 11.5 0.0 32.9

79 8.6 0.0 29.6

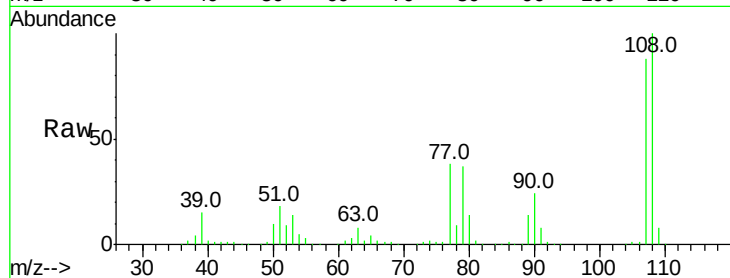




#17
2-Methylphenol
Concen: 41.464 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	42.5	33.8	50.8
79	41.3	33.8	50.8



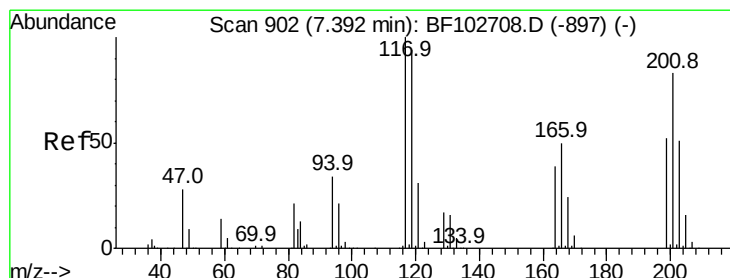
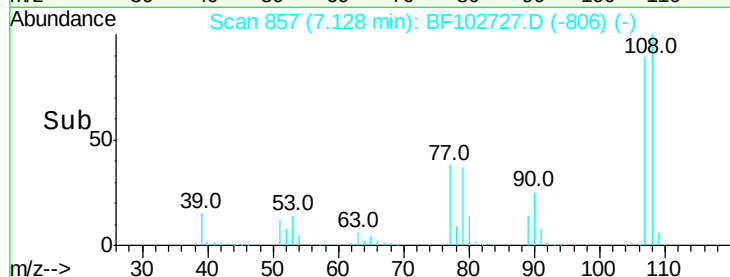
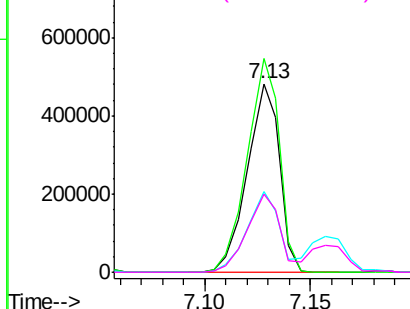
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

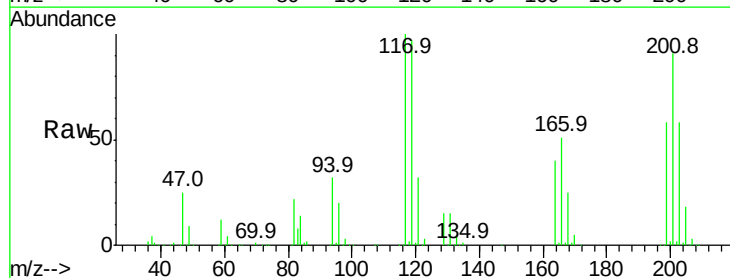
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.248 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.8
201	91.0	75.7	113.5

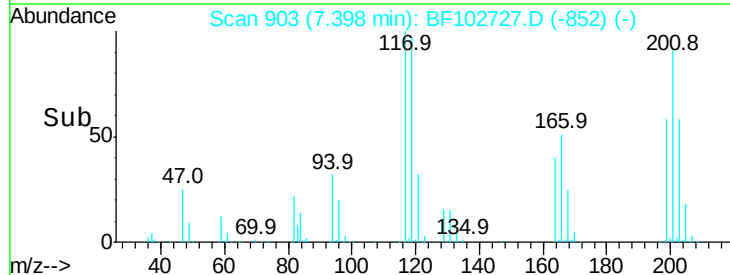
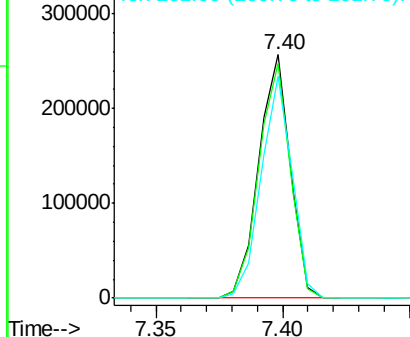


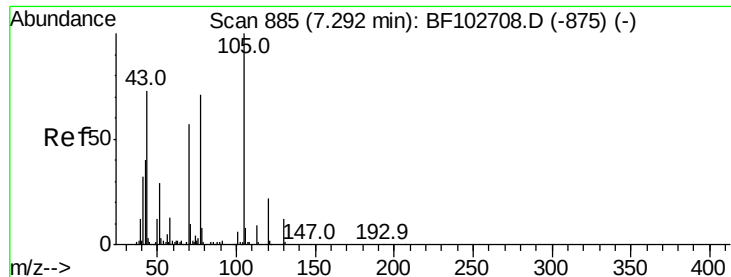
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

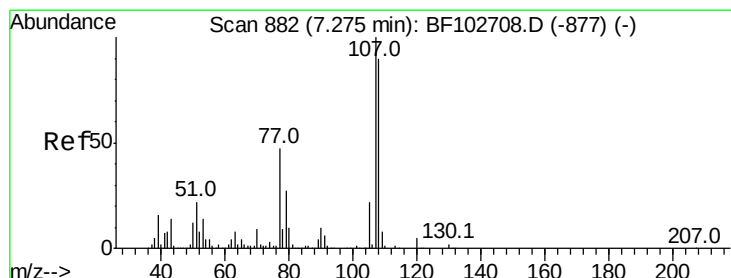
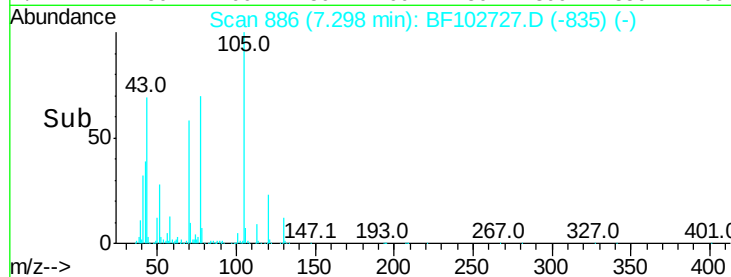
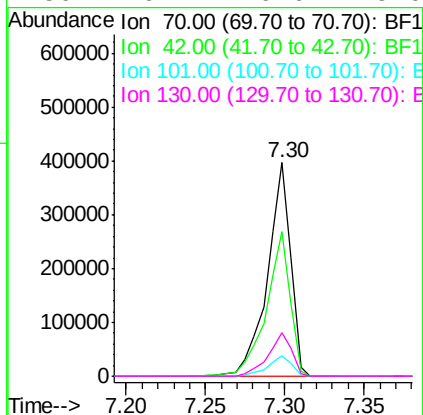
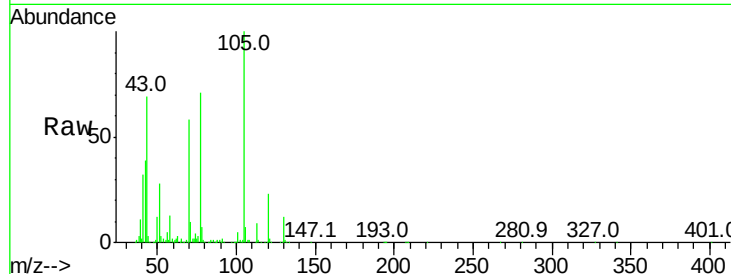




#19
n-Nitroso-di-n-propylamine
Concen: 39.586 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

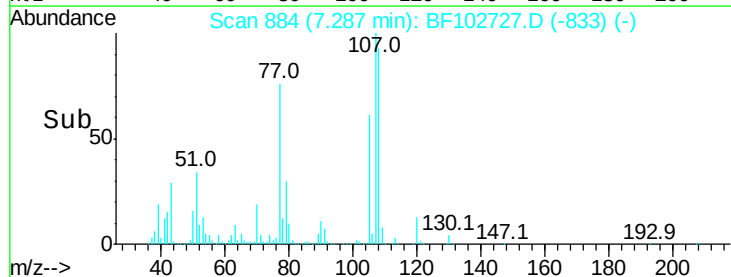
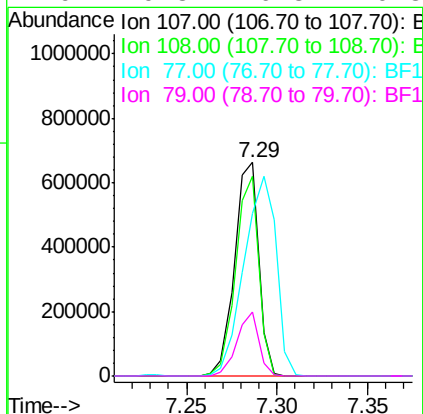
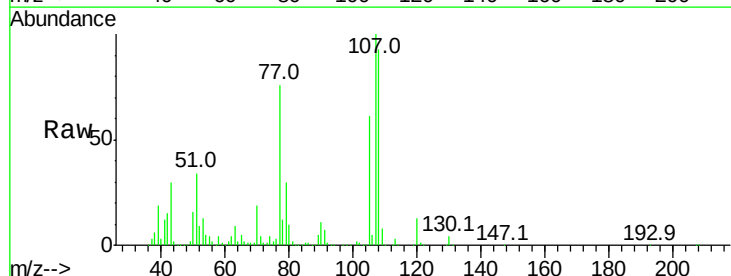
Instrument :
BNA_F
ClientSampleId :

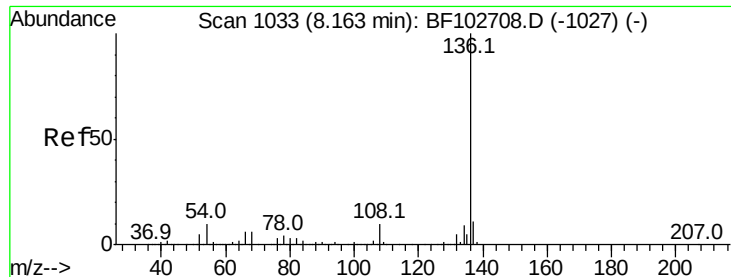
Tot Ion: 70 Resp: 407857
Ion Ratio Lower Upper
70 100
42 67.9 47.5 71.3
101 9.5 7.4 11.2
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.658 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion: 107 Resp: 617940
Ion Ratio Lower Upper
107 100
108 93.5 68.2 108.2
77 76.1 26.7 66.7#
79 29.8 6.3 46.3

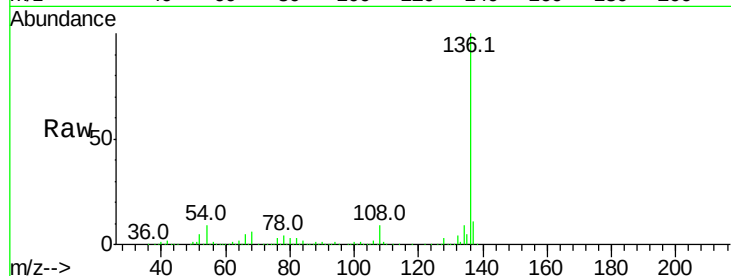




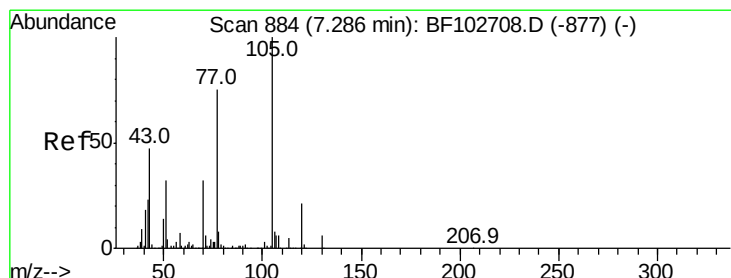
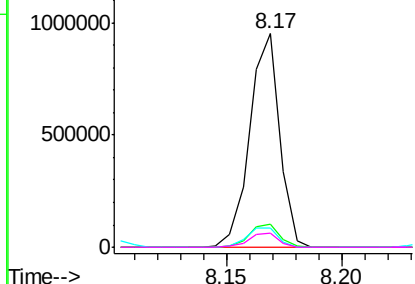
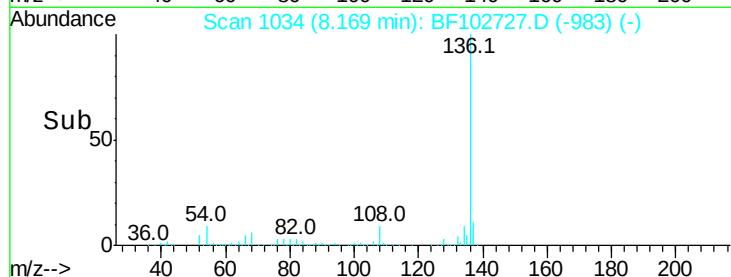
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 861533
Ion Ratio	Lower Upper
136 100	
137 10.5	8.9 13.3
54 9.3	6.6 9.8
68 6.4	5.0 7.4

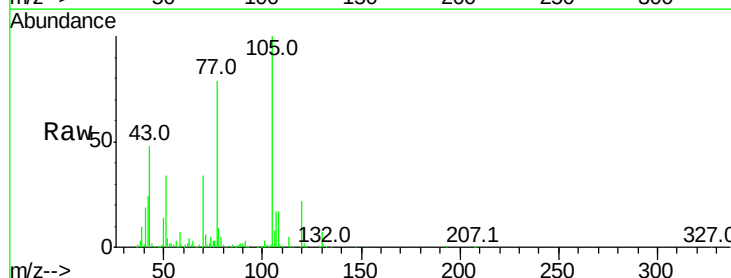


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

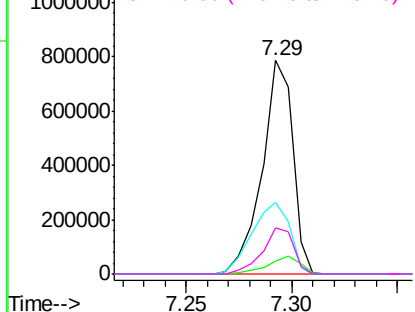
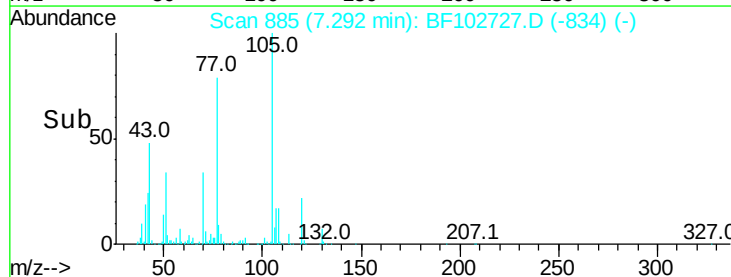


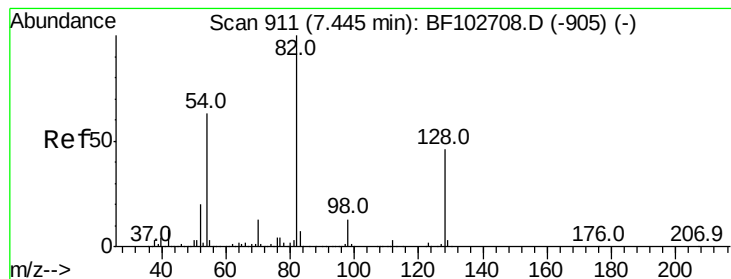
#22
Acetophenone
Concen: 37.843 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt	Ion:105	Resp:	797831
Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.4	6.6
51	33.9	22.3	33.5#
120	21.7	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: 92.212 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

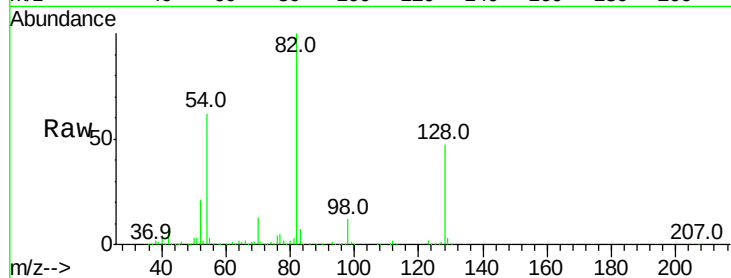
Tot Ion: 82 Resp: 1145205

Ion Ratio Lower Upper

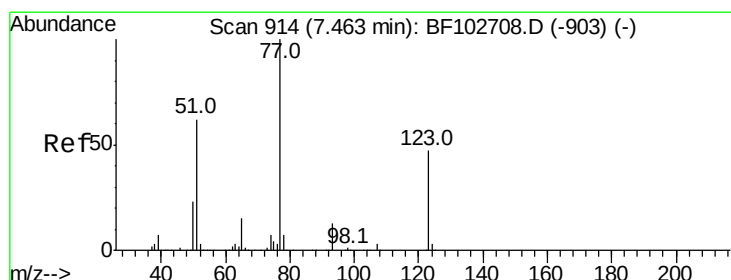
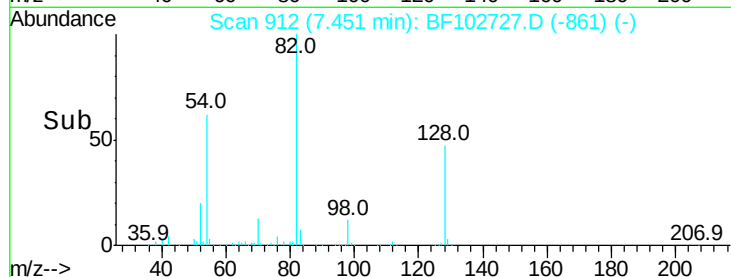
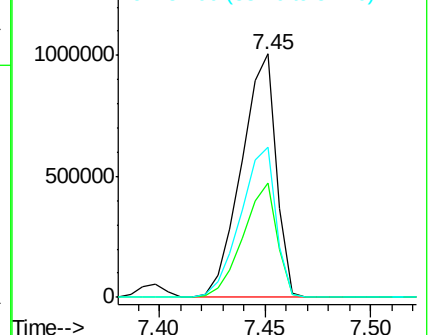
82 100

128 47.0 36.1 54.1

54 61.9 41.4 62.2



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



#24

Nitrobenzene

Concen: 42.884 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

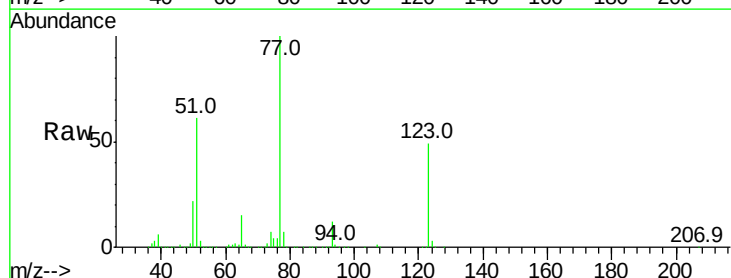
Tgt Ion: 77 Resp: 626521

Ion Ratio Lower Upper

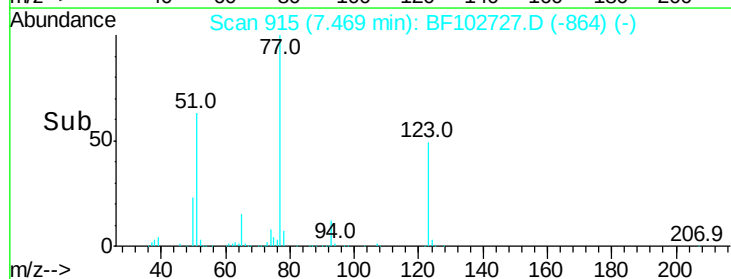
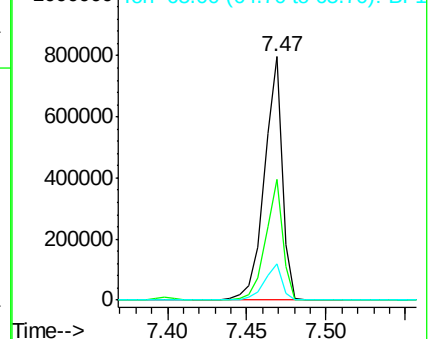
77 100

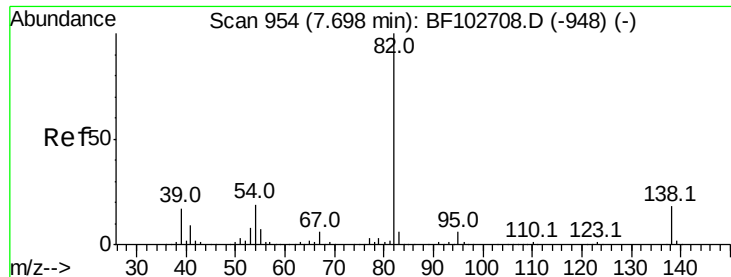
123 49.4 37.9 56.9

65 14.8 11.0 16.4



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





#25

Isophorone

Concen: 39.009 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

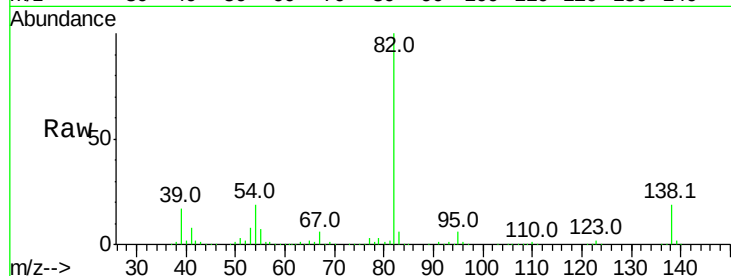
Tot Ion: 82 Resp: 1115559

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

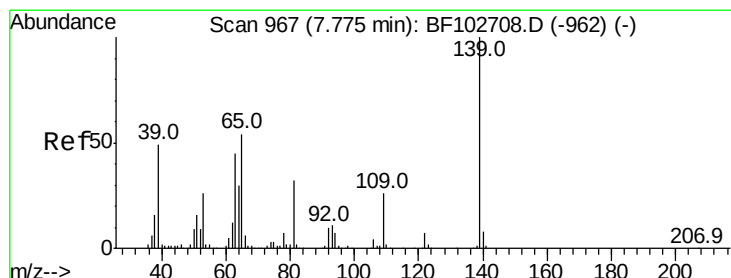
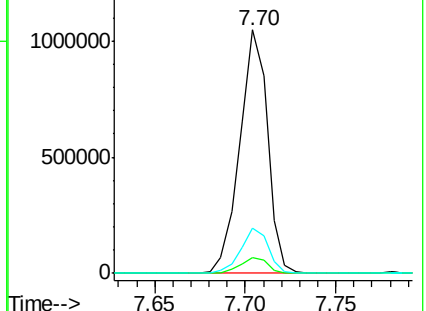
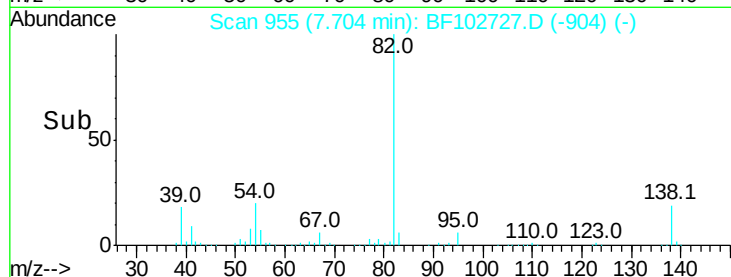
138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.087 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

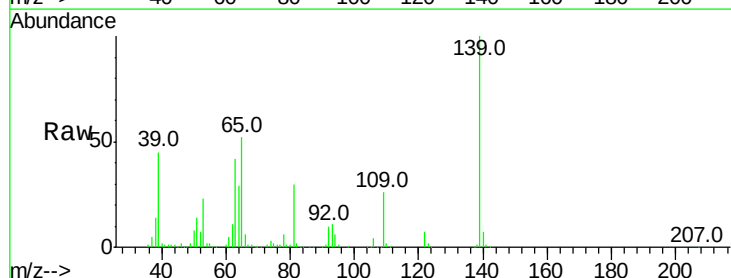
Tgt Ion: 139 Resp: 303361

Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

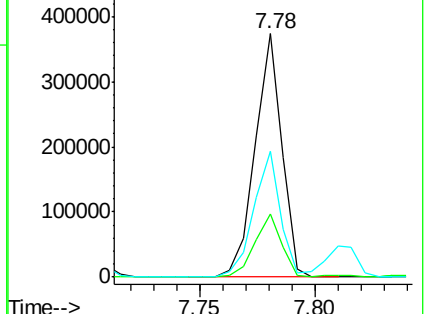
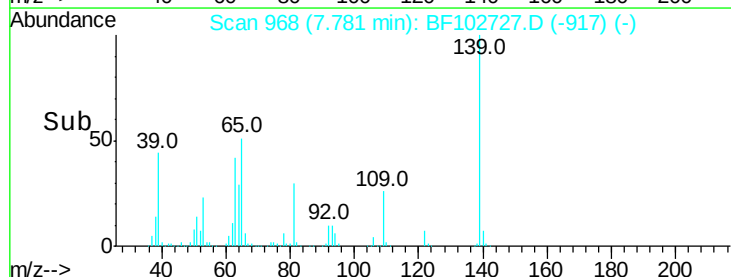
65 51.7 40.5 60.7

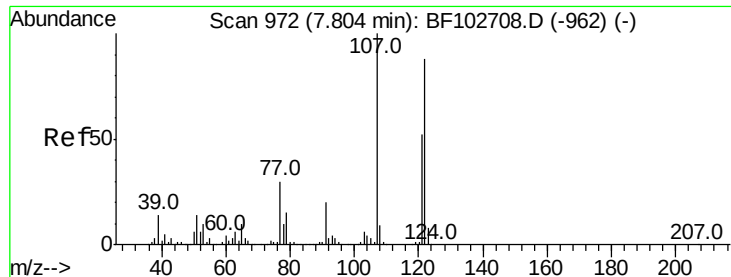


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.668 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

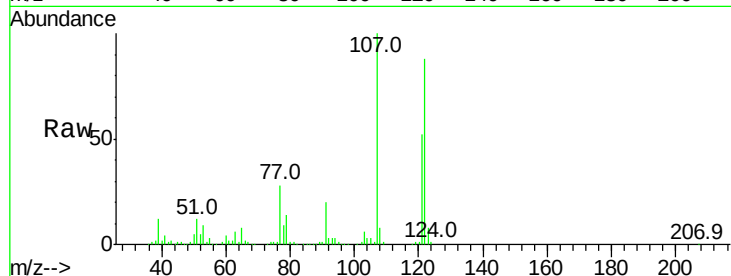
Tot Ion:122 Resp: 491338

Ion Ratio Lower Upper

122 100

107 114.0 91.2 136.8

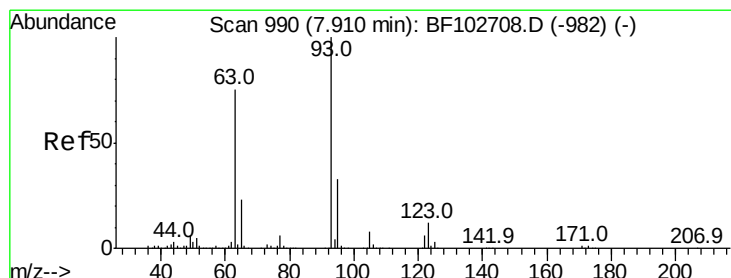
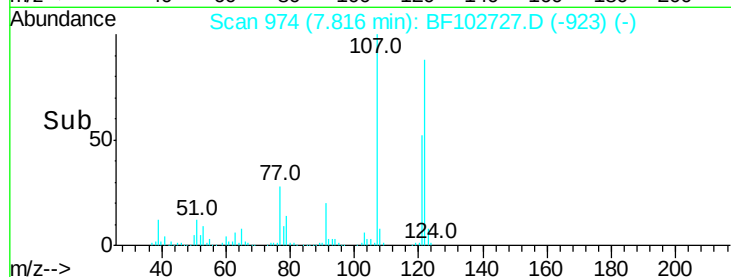
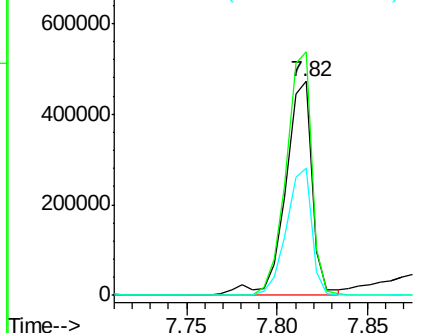
121 59.5 47.2 70.8



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: 39.134 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

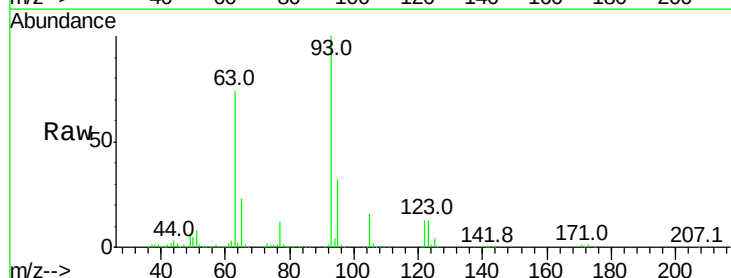
Tgt Ion: 93 Resp: 662961

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

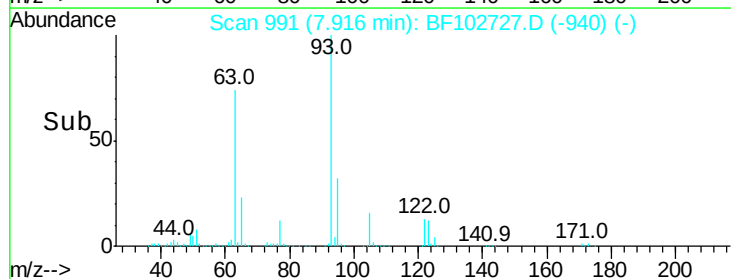
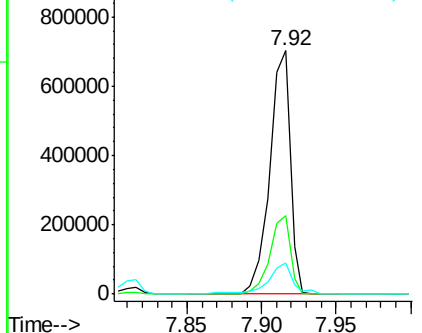
123 12.5 9.8 14.6

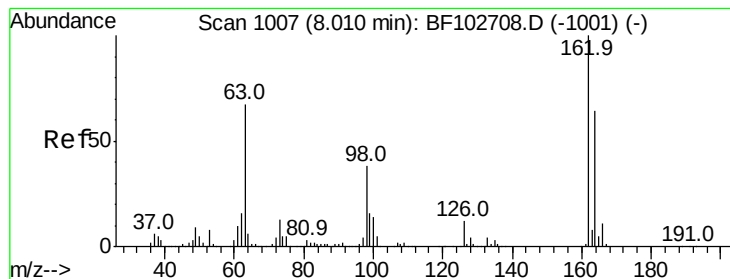


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.947 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

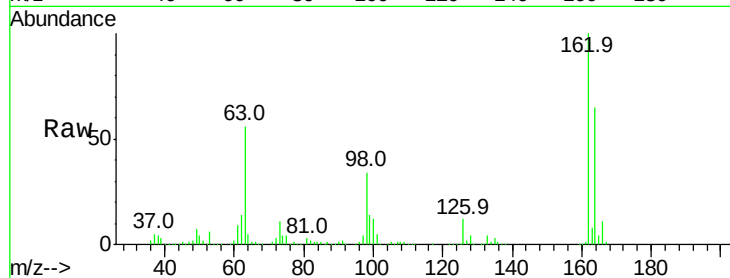
Tot Ion:162 Resp: 460705

Ion Ratio Lower Upper

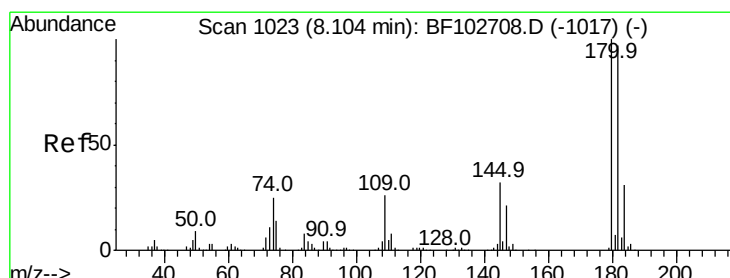
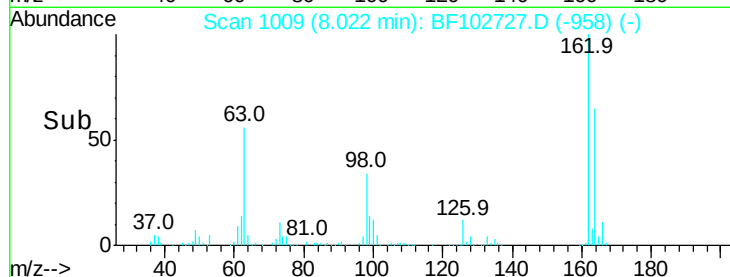
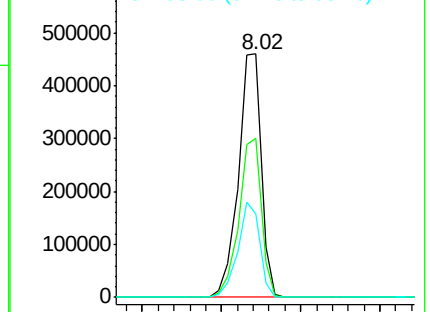
162 100

164 65.3 42.7 82.7

98 34.4 18.1 58.1



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



#30

1,2,4-Trichlorobenzene

Concen: 39.242 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

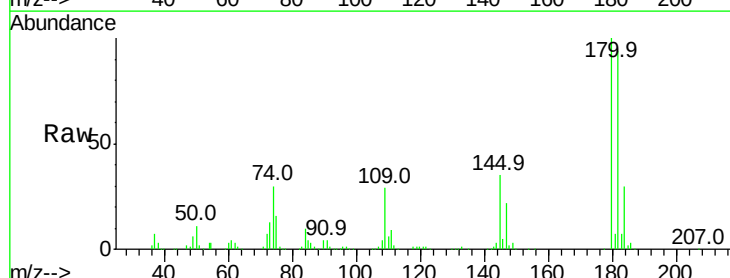
Tgt Ion:180 Resp: 487577

Ion Ratio Lower Upper

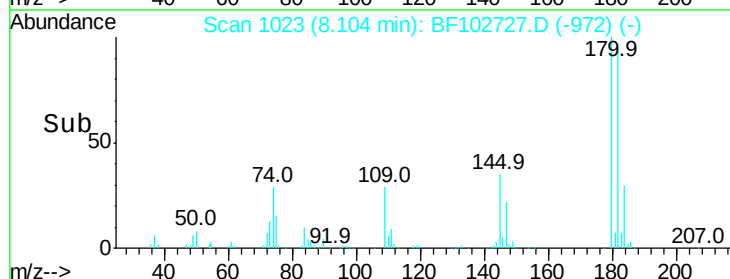
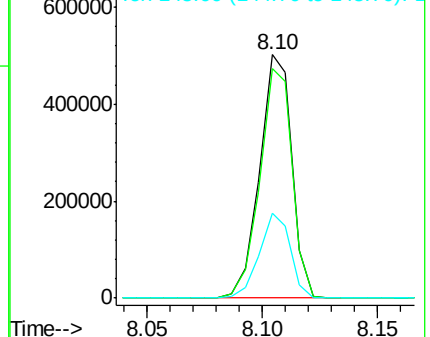
180 100

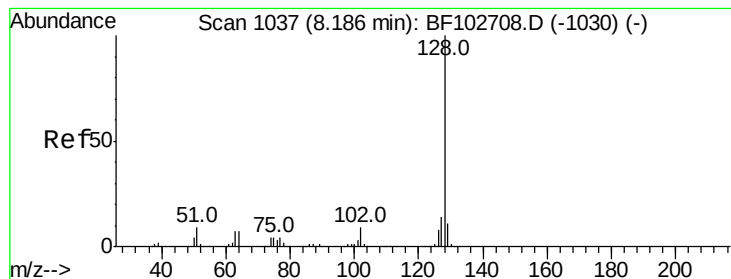
182 94.0 76.8 115.2

145 34.7 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: 38.977 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

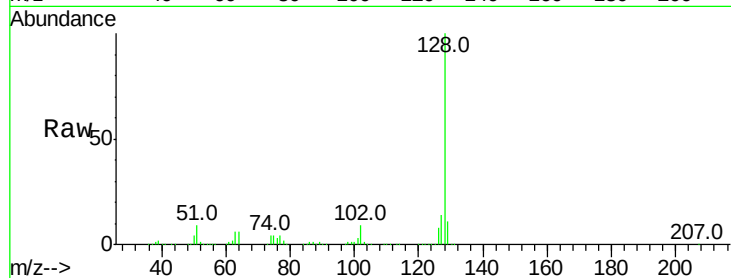
Tot Ion:128 Resp: 1640636

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

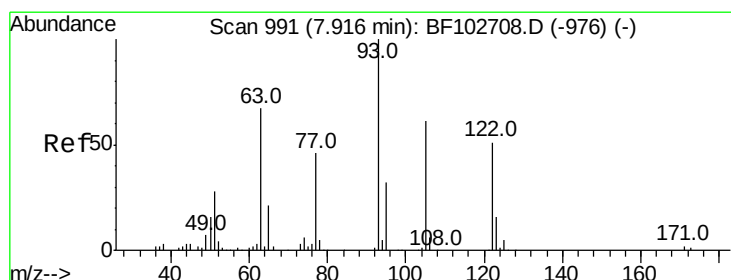
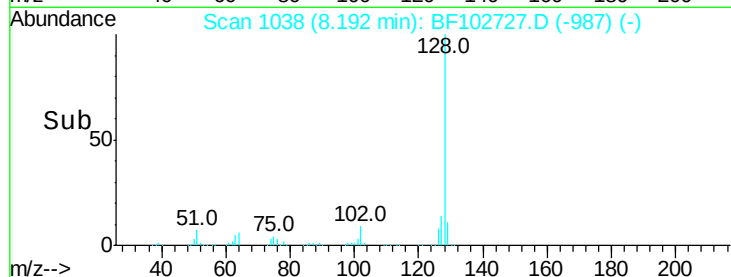
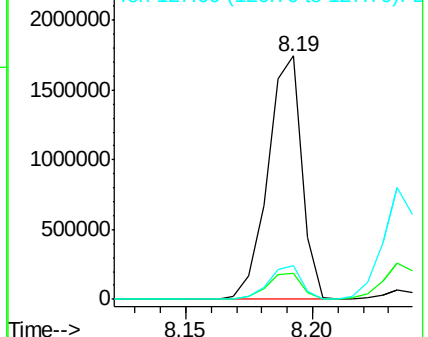
127 14.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.302 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

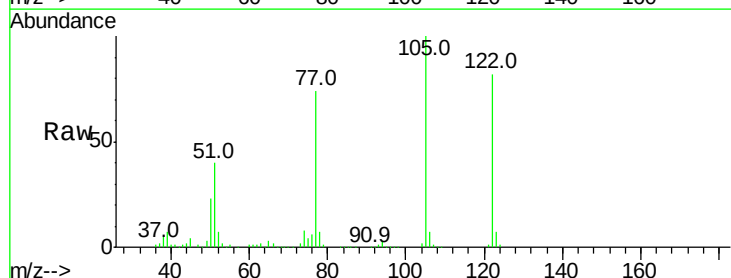
Tgt Ion:122 Resp: 437419

Ion Ratio Lower Upper

122 100

105 122.2 101.1 141.1

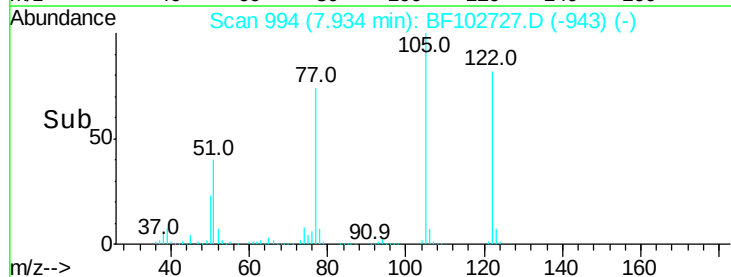
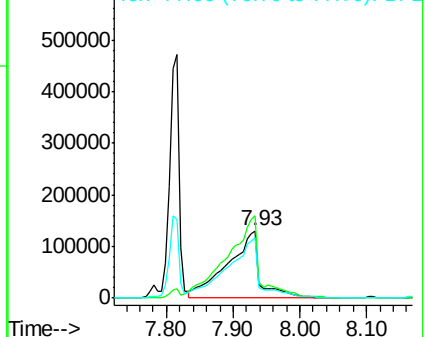
77 89.9 70.7 110.7

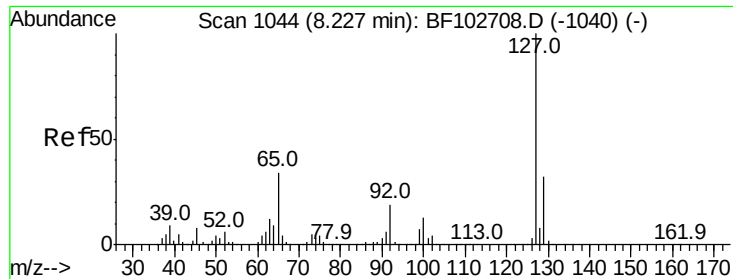


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

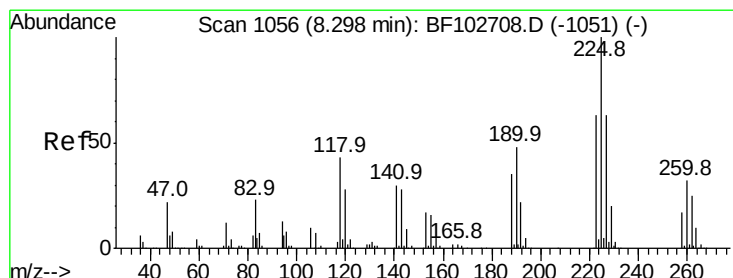
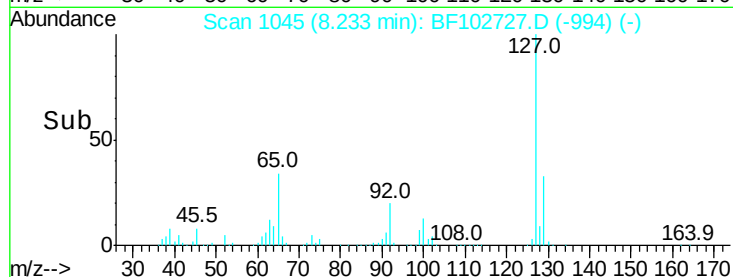
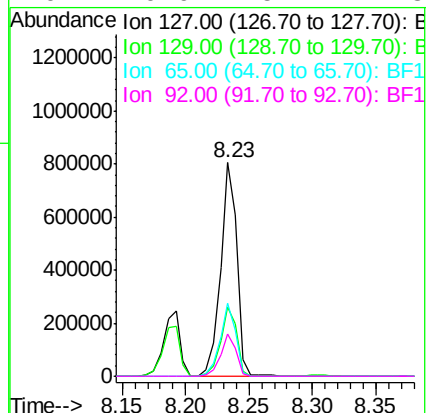
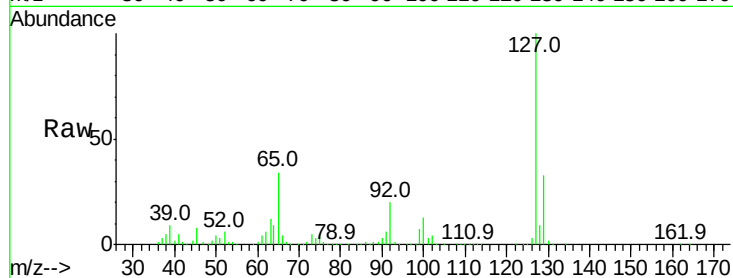




#33
4-Chloroaniline
Concen: 40.160 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

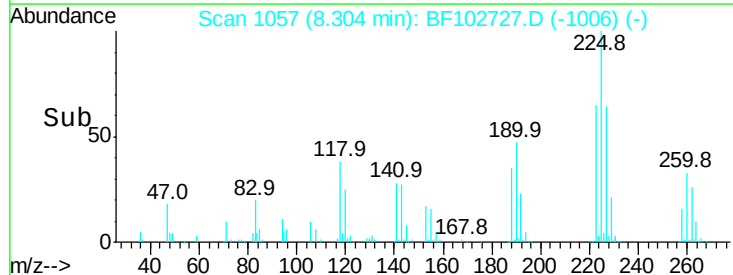
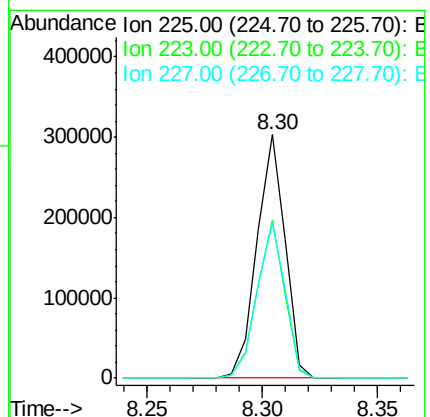
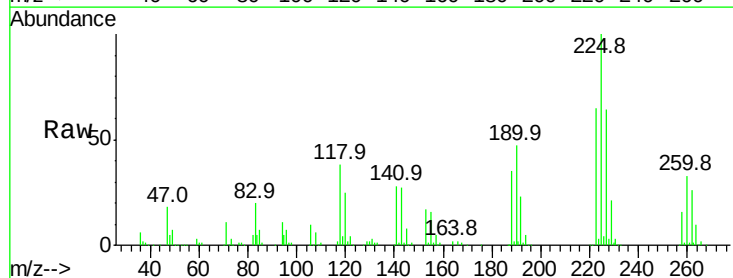
Instrument :
BNA_F
ClientSampleId :

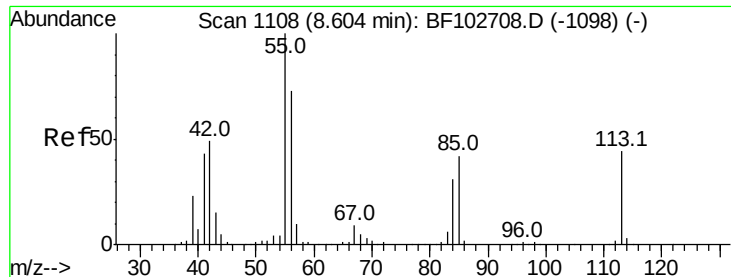
Tot Ion:	127	Resp:	728232
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	34.2	25.0	37.4
92	19.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.543 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion:	225	Resp:	258130
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	63.7	51.9	77.9

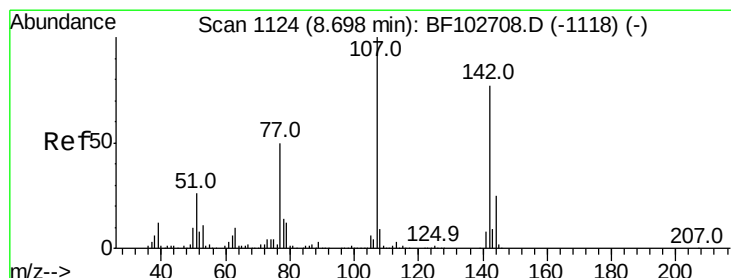
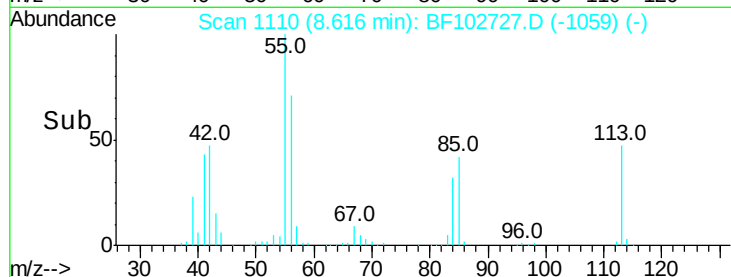
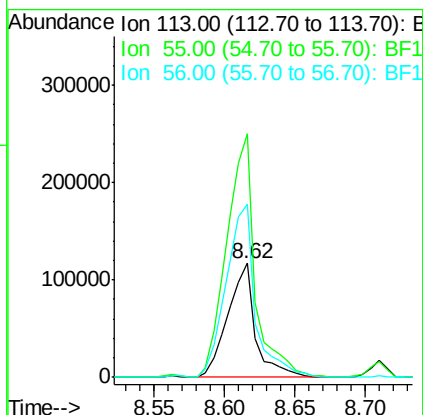
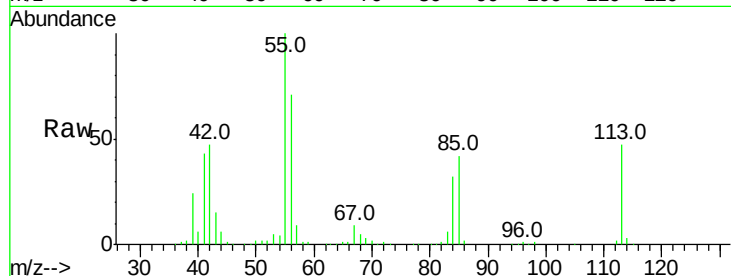




#35
 Caprolactam
 Concen: 42.043 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

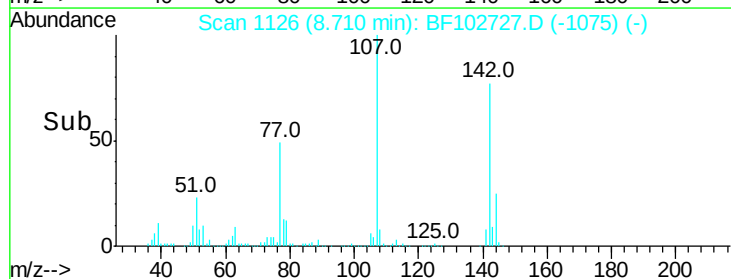
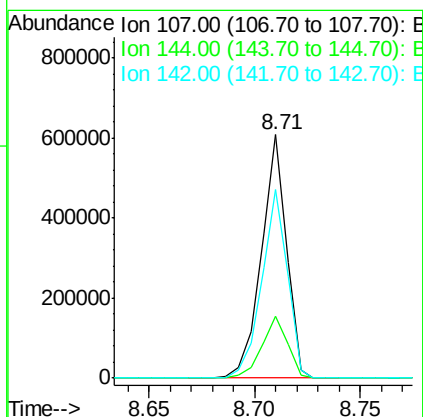
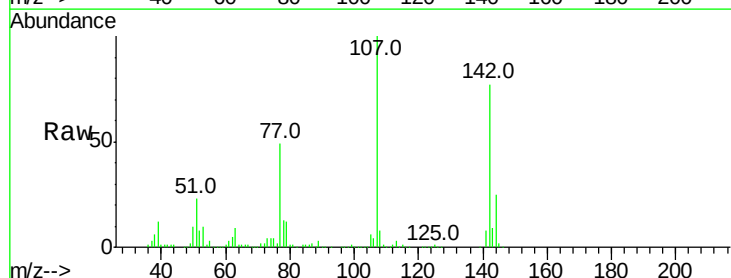
Instrument :
 BNA_F
 ClientSampleId :

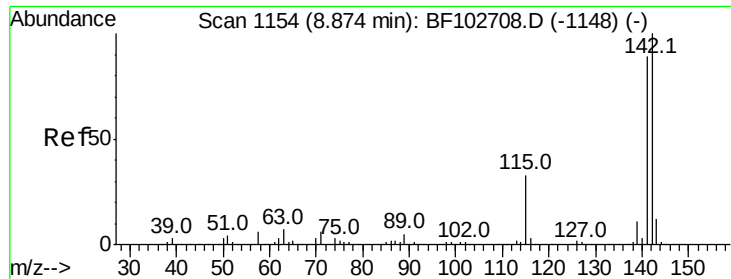
Tot Ion:113 Resp: 160365
 Ion Ratio Lower Upper
 113 100
 55 214.0 163.3 203.3#
 56 151.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.038 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Tgt Ion:107 Resp: 506421
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 77.4 62.0 93.0

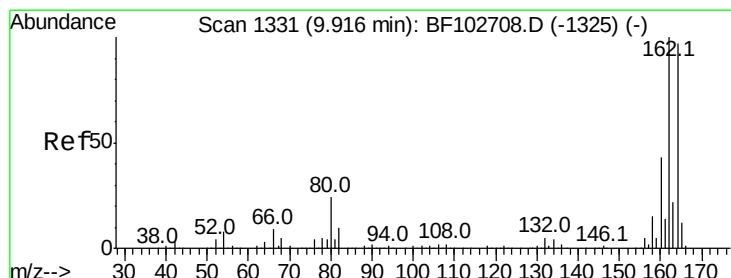
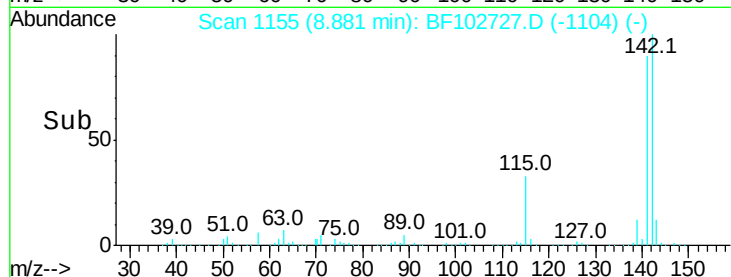
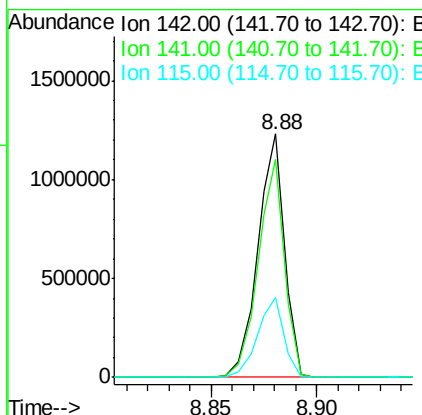
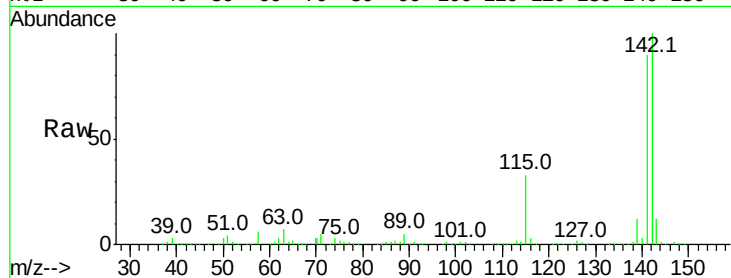




#37
 2-Methylnaphthalene
 Concen: 38.988 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

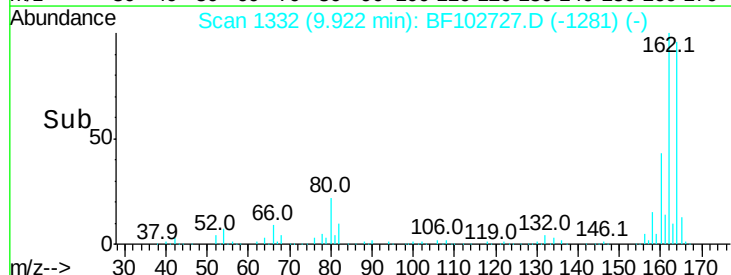
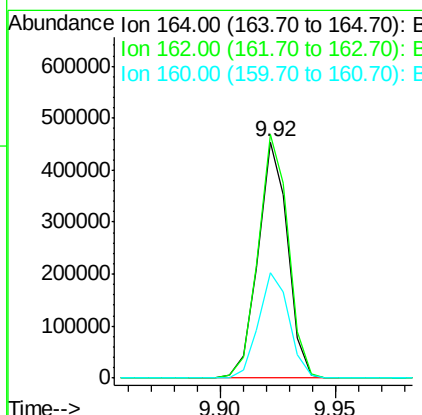
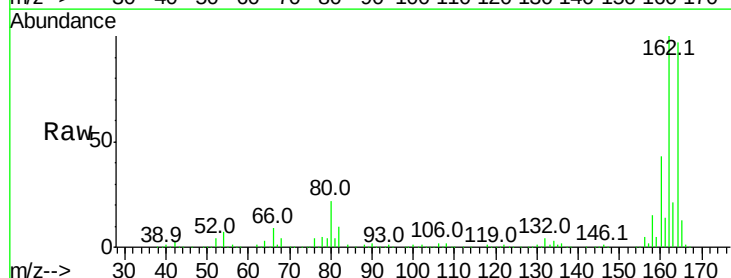
Instrument :
 BNA_F
 ClientSampleId :

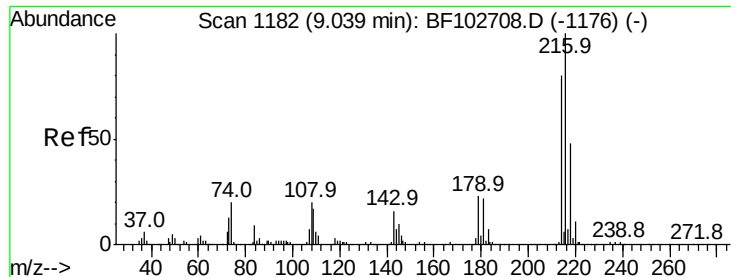
Tot Ion:142 Resp: 1074465
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.8 106.2
 115 32.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Tgt Ion:164 Resp: 404940
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 44.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.711 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF102727.D

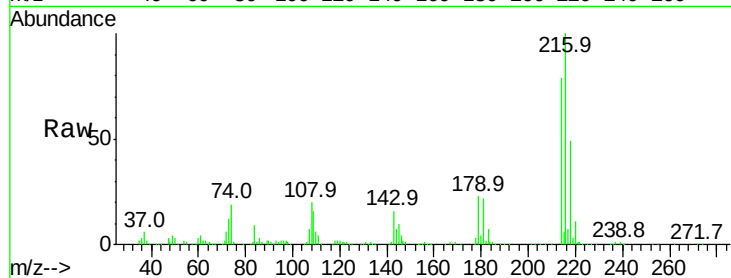
Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	426823
Ion Ratio		Lower	Upper
216	100		
214	81.1	63.0	94.4
179	23.6	18.1	27.1
108	23.2	17.2	25.8

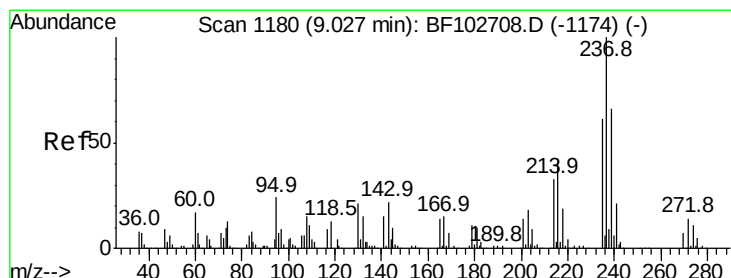
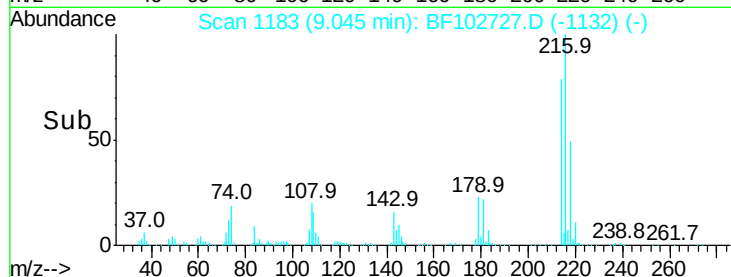
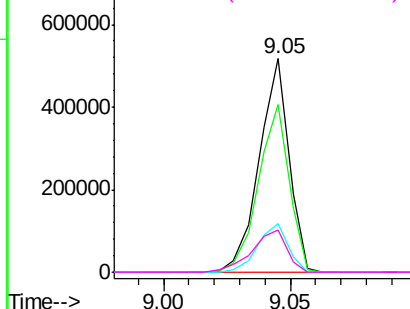


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.830 ng

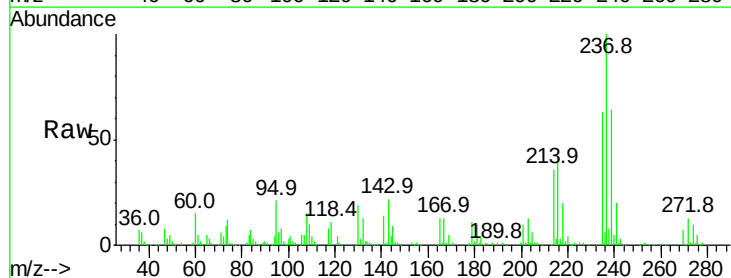
RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

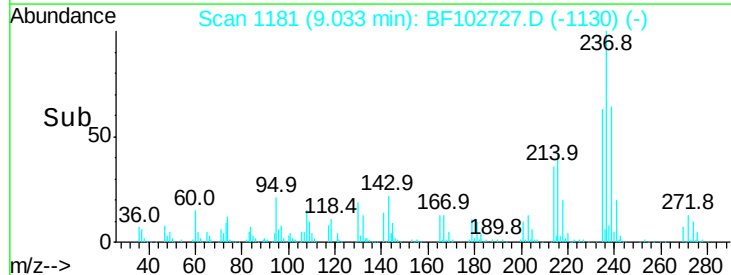
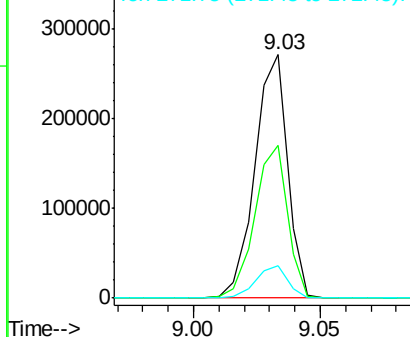
Tgt Ion:	237	Resp:	245458
Ion Ratio		Lower	Upper
237	100		
235	63.0	44.8	84.8
272	13.2	0.0	33.3

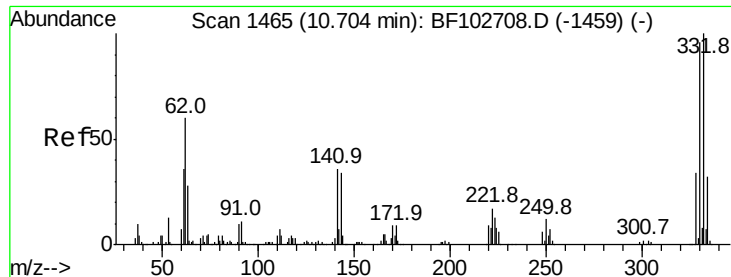


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 92.810 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

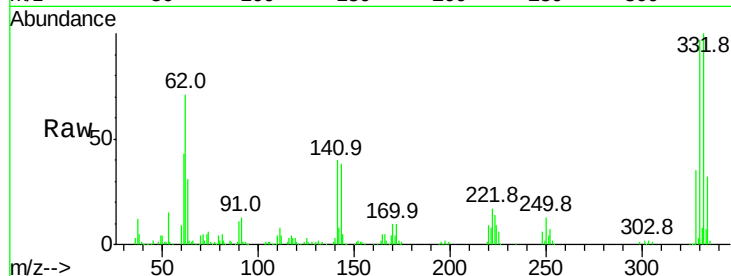
Tot Ion:330 Resp: 302496

Ion Ratio Lower Upper

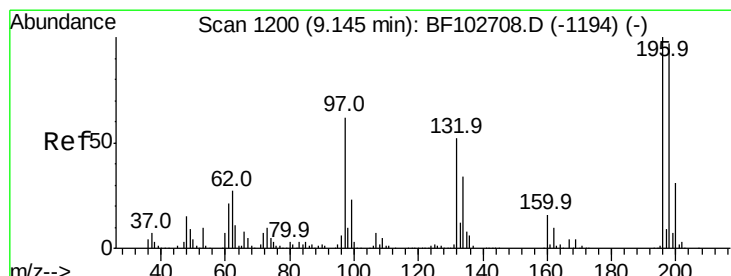
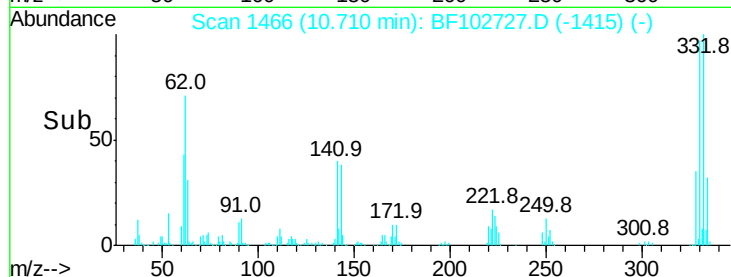
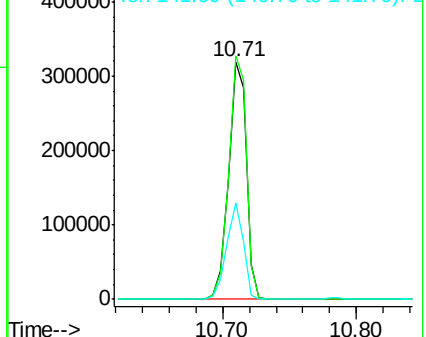
330 100

332 102.0 77.0 115.6

141 38.5 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: 43.620 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

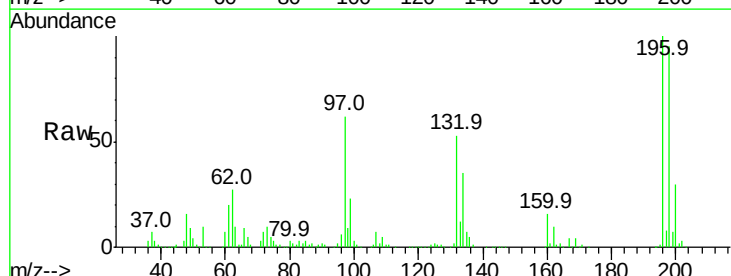
Tgt Ion:196 Resp: 315900

Ion Ratio Lower Upper

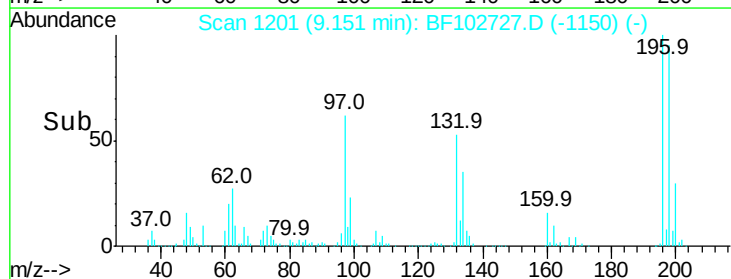
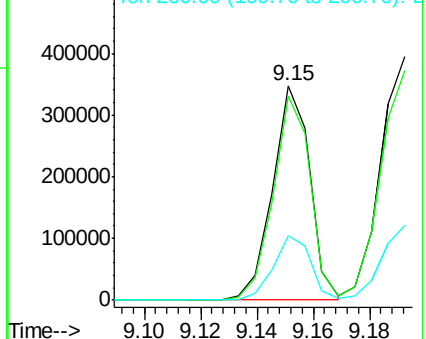
196 100

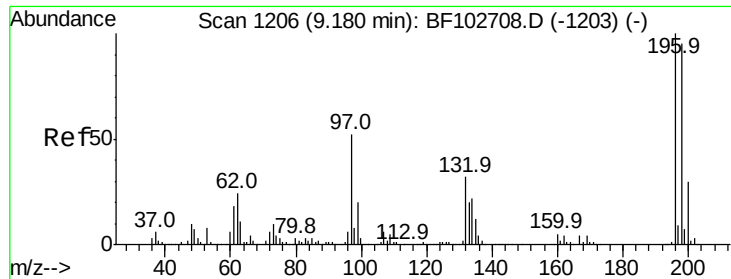
198 95.1 75.7 113.5

200 30.1 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

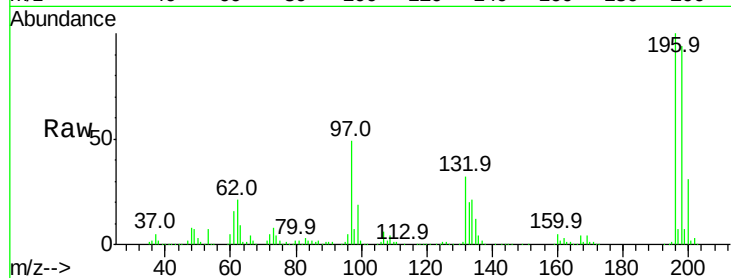




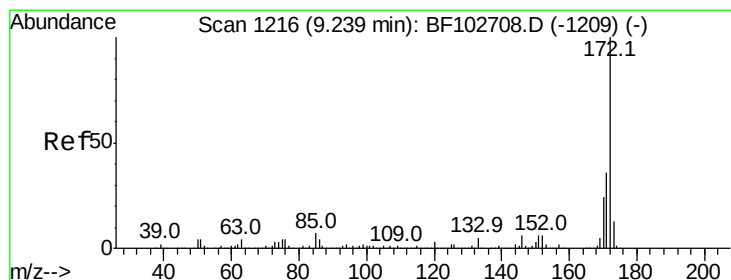
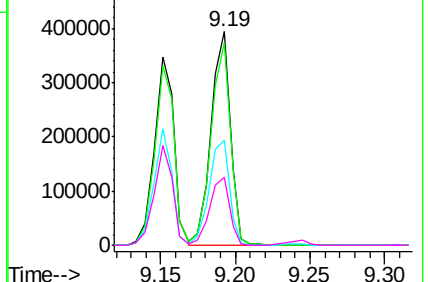
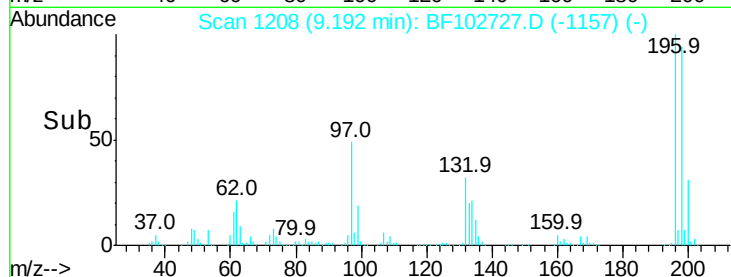
#43
 2,4,5-Trichlorophenol
 Concen: 43.460 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 354740
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.6 112.0
 97 49.2 42.9 64.3
 132 31.6 26.3 39.5

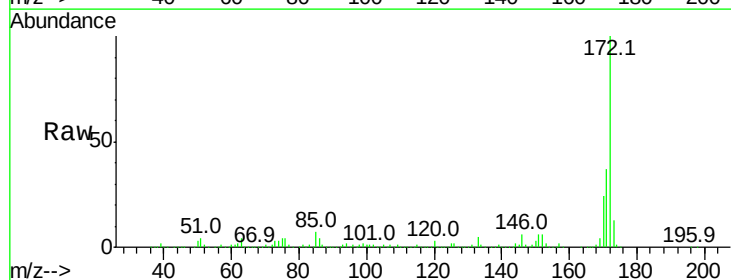


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

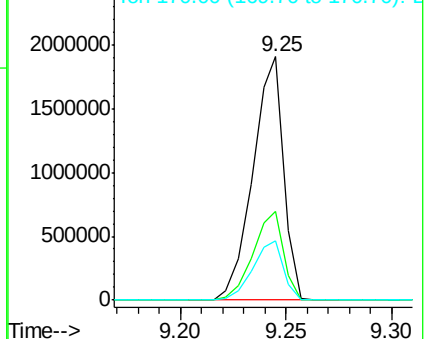
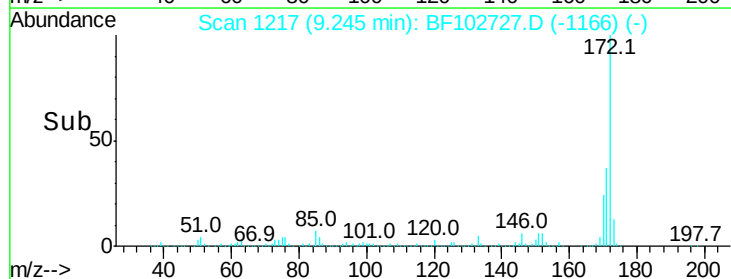


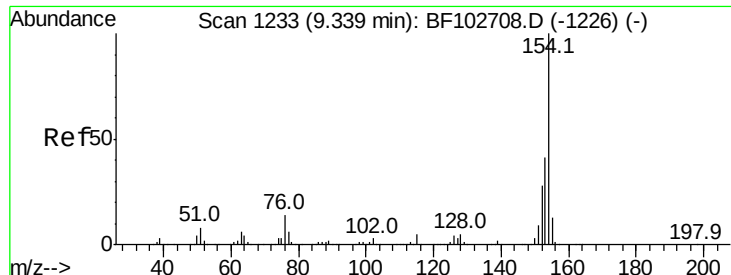
#44
 2-Fluorobiphenyl
 Concen: 78.684 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Tgt Ion:172 Resp: 1920159
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.2 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: 37.839 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

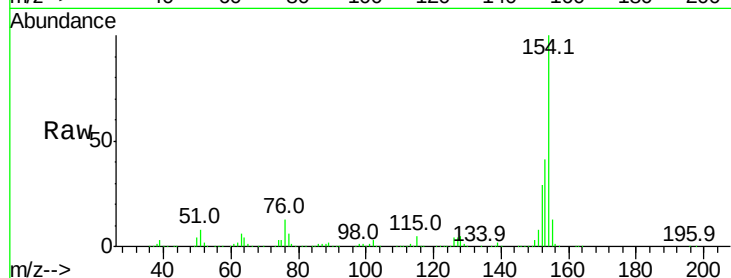
Tot Ion:154 Resp: 1290564

Ion Ratio Lower Upper

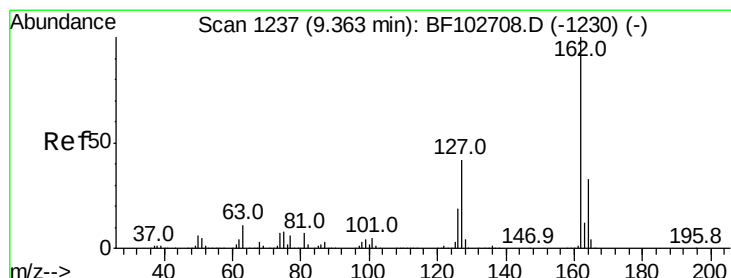
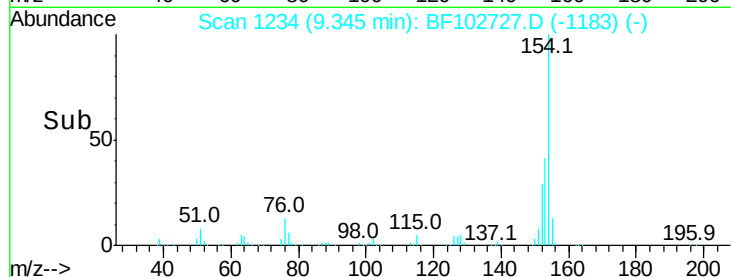
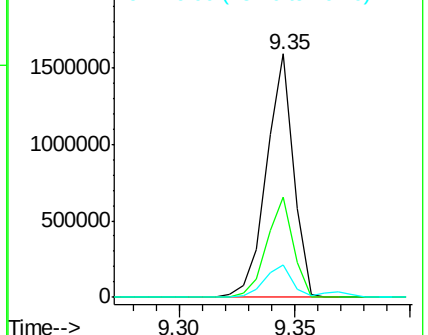
154 100

153 41.3 21.3 61.3

76 13.5 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: 39.161 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

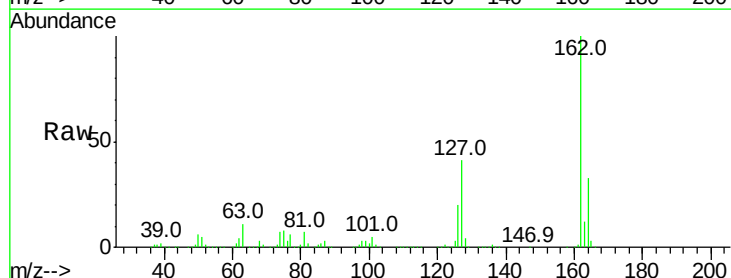
Tgt Ion:162 Resp: 1051519

Ion Ratio Lower Upper

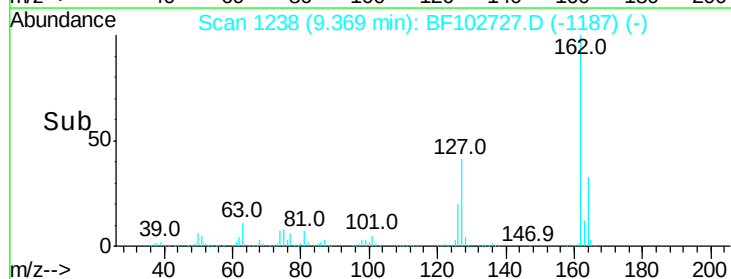
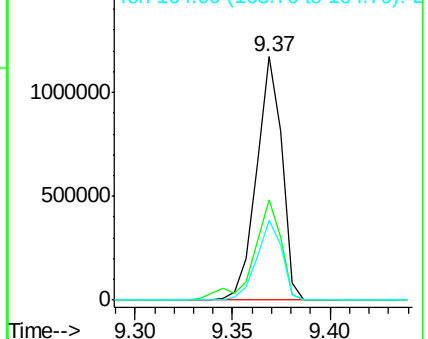
162 100

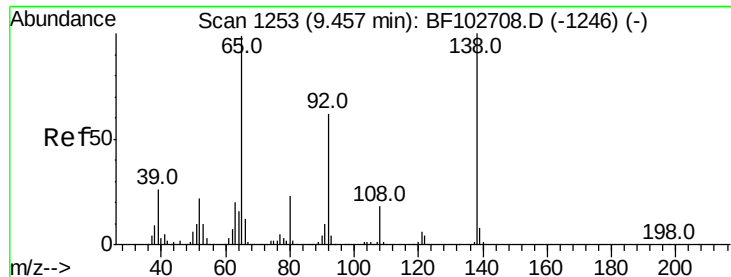
127 41.0 33.9 50.9

164 32.8 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

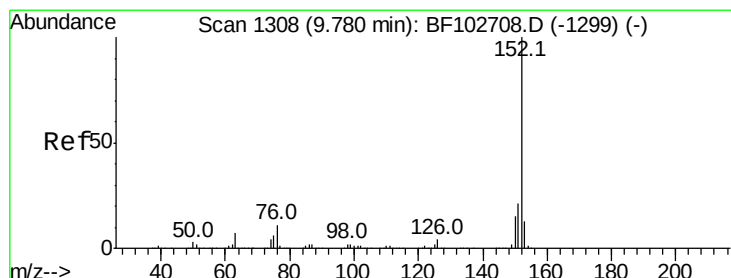
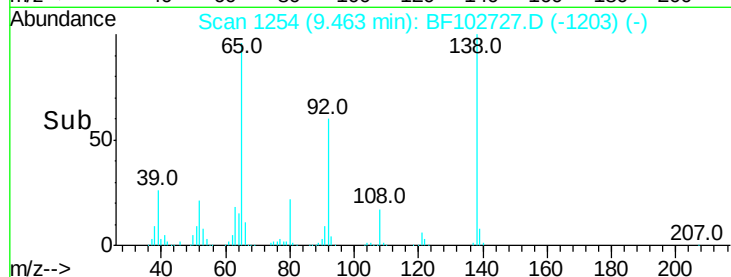
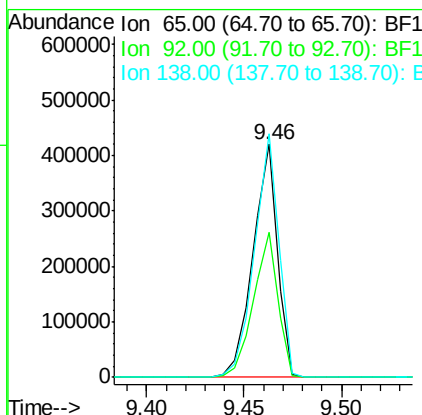
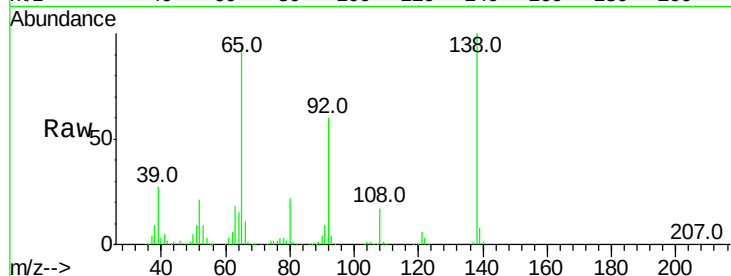




#47
2-Nitroaniline
Concen: 44.418 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

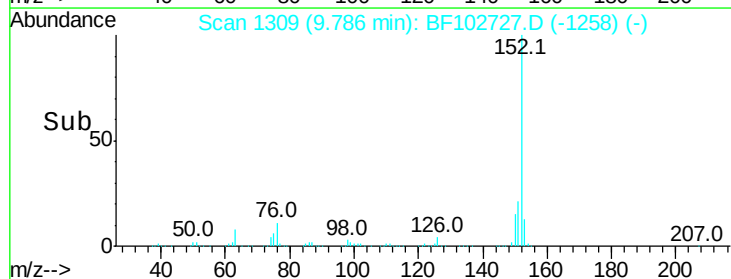
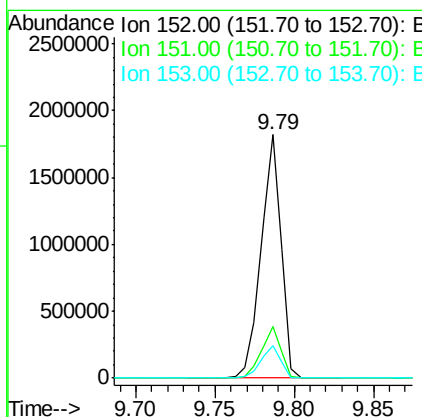
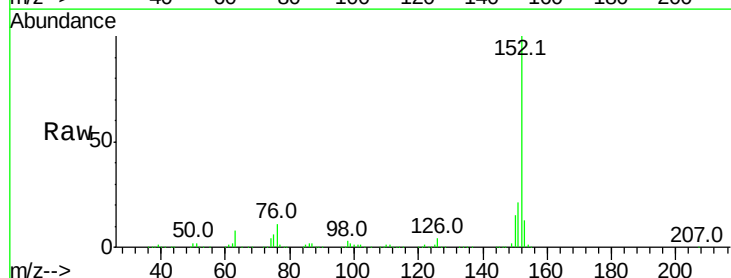
Instrument :
BNA_F
ClientSampled :

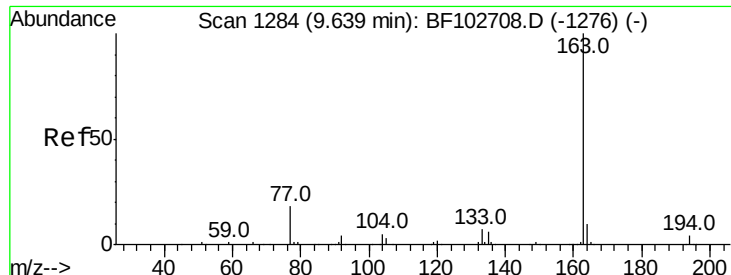
Tot Ion: 65 Resp: 365724
Ion Ratio Lower Upper
65 100
92 62.2 55.8 83.6
138 104.4 91.2 136.8



#48
Acenaphthylene
Concen: 38.714 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion:152 Resp: 1614545
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 39.102 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

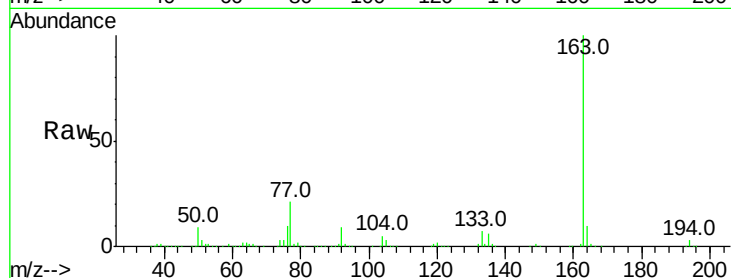
Tot Ion:163 Resp: 1234619

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

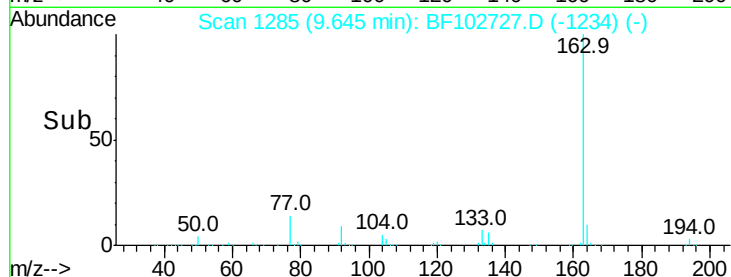
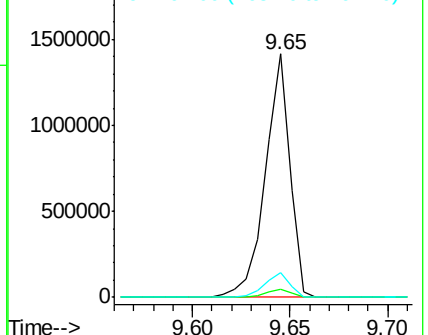
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.020 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

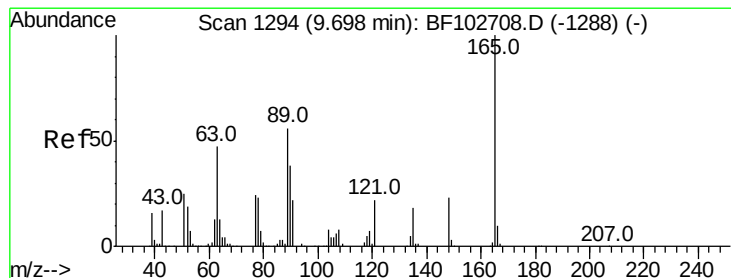
Tgt Ion:165 Resp: 276442

Ion Ratio Lower Upper

165 100

63 63.0 44.7 67.1

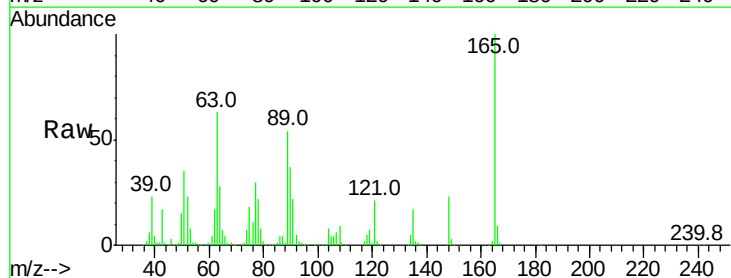
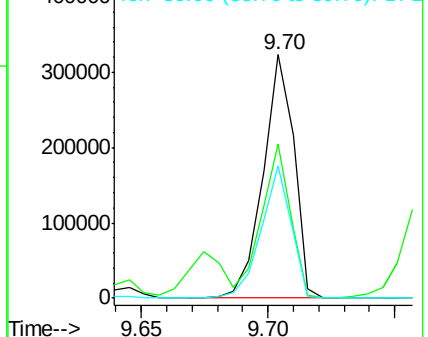
89 54.2 44.0 66.0

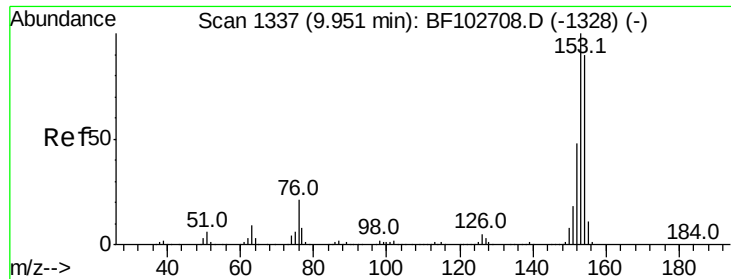


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.122 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

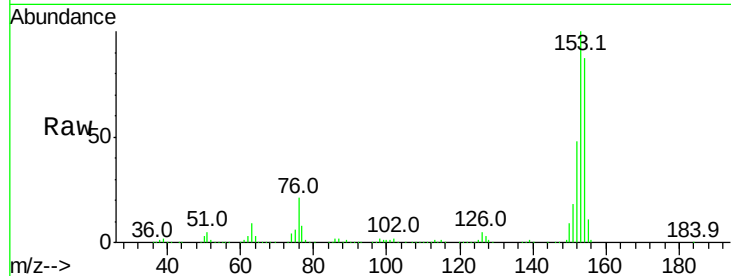
Tot Ion:154 Resp: 975732

Ion Ratio Lower Upper

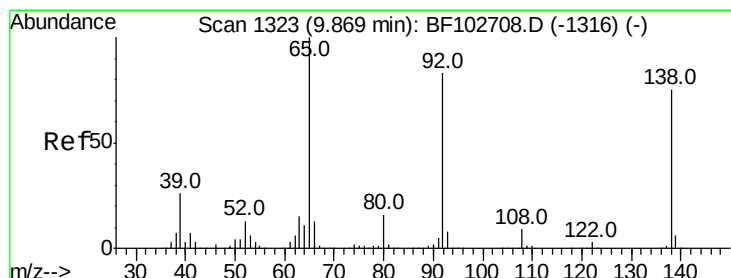
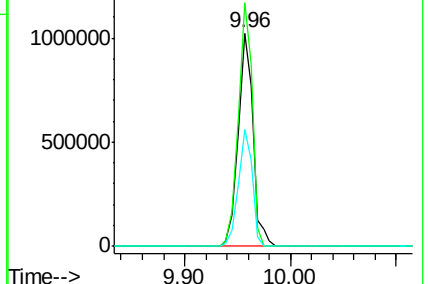
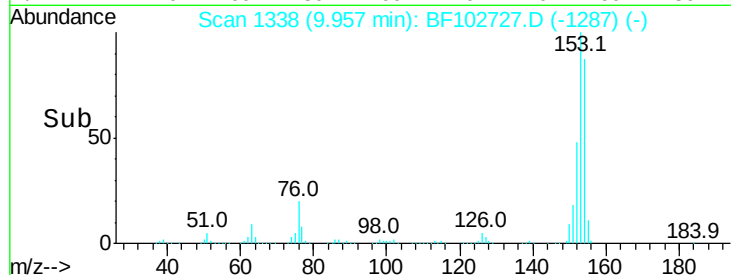
154 100

153 114.3 91.2 136.8

152 54.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.377 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

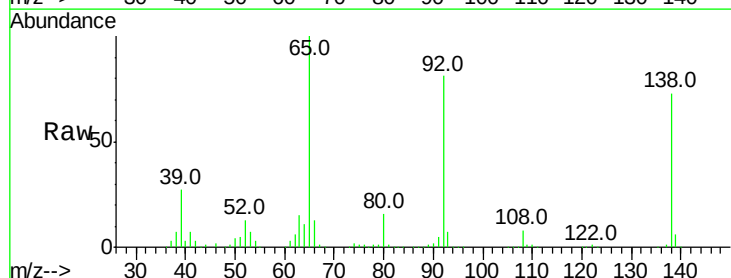
Tgt Ion:138 Resp: 335394

Ion Ratio Lower Upper

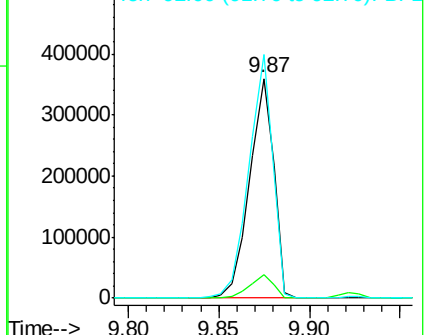
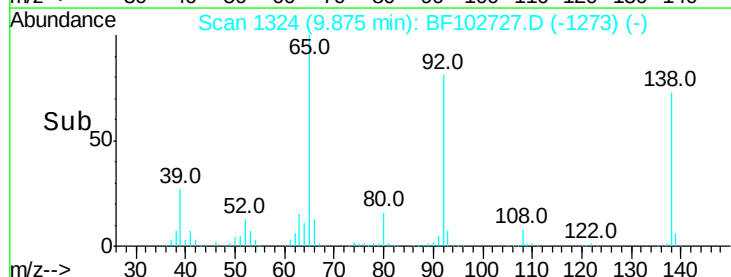
138 100

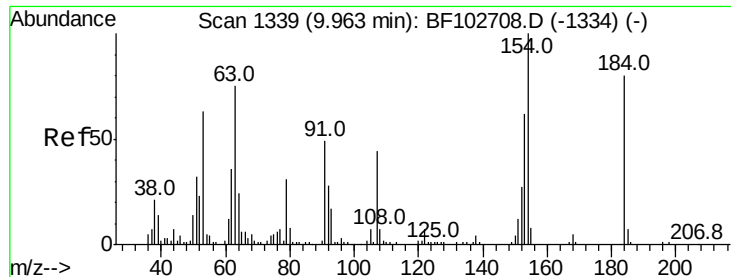
108 10.9 9.4 14.0

92 110.8 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

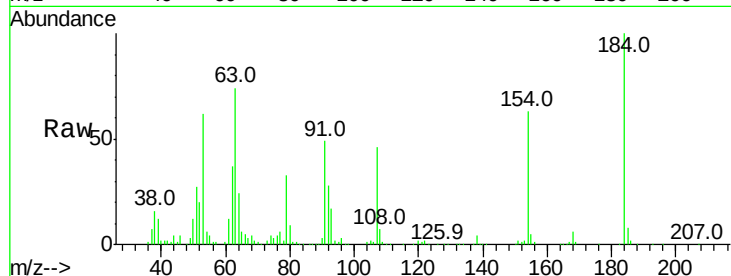




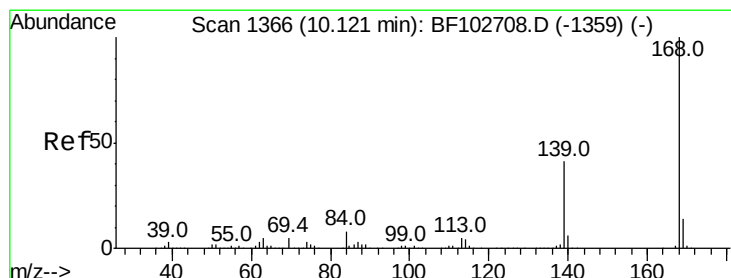
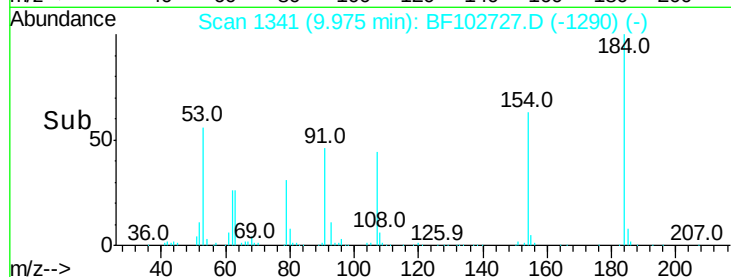
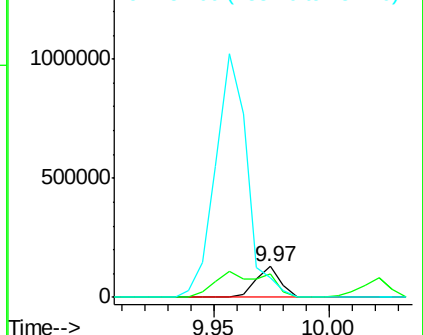
#53
2,4-Dinitrophenol
Concen: 59.252 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 97118
Ion Ratio Lower Upper
184 100
63 74.4 54.2 81.2
154 63.0 184.0 276.0#

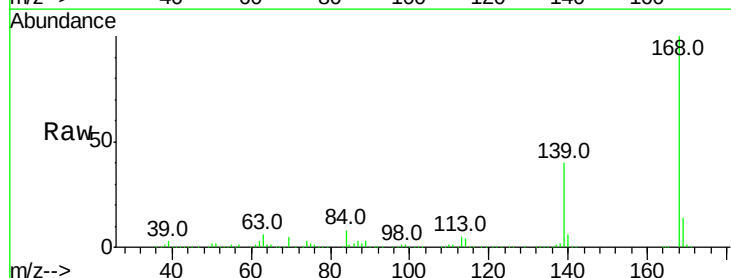


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

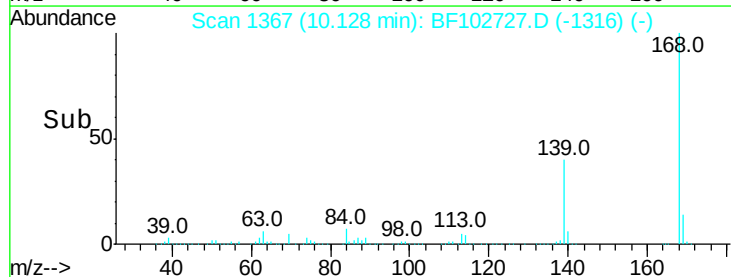
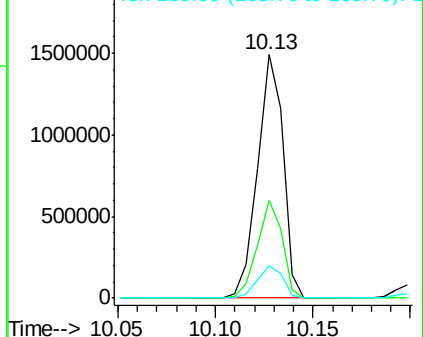


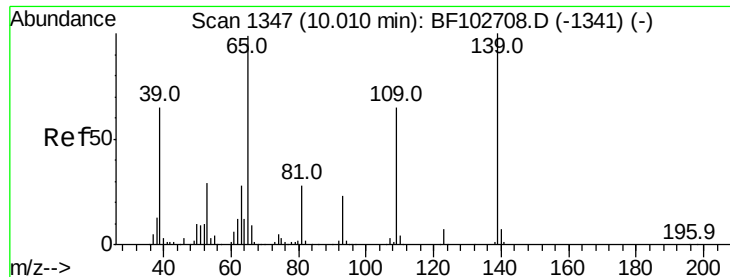
#54
Dibenzofuran
Concen: 38.632 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion:168 Resp: 1357831
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 43.894 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

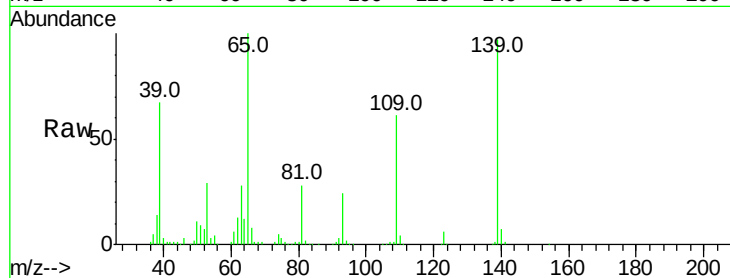
Tot Ion:139 Resp: 255001

Ion Ratio Lower Upper

139 100

109 62.7 48.4 88.4

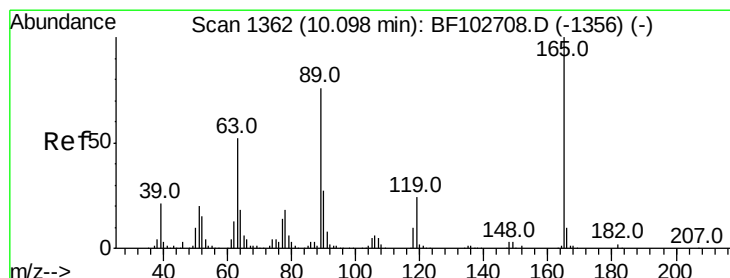
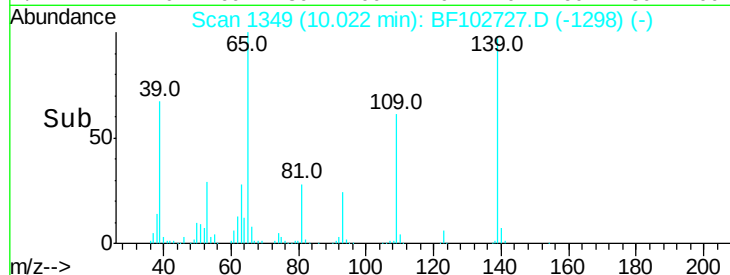
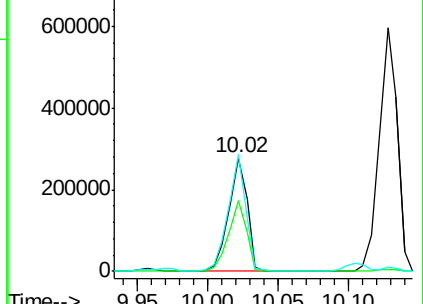
65 103.1 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 45.236 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Tgt Ion:165 Resp: 362912

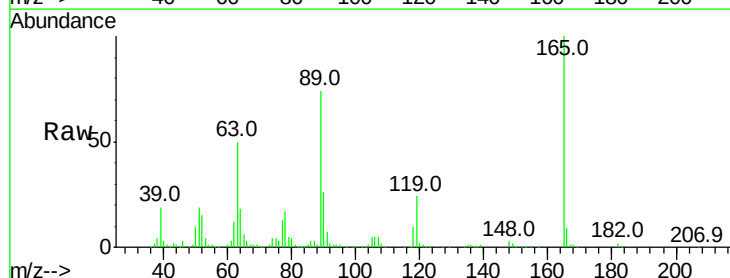
Ion Ratio Lower Upper

165 100

63 50.3 36.4 54.6

89 73.5 57.8 86.6

182 2.3 1.6 2.4

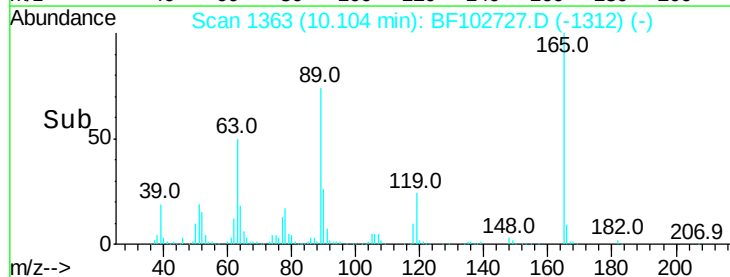
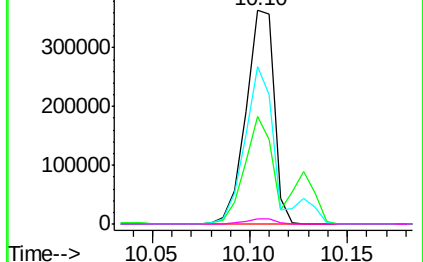


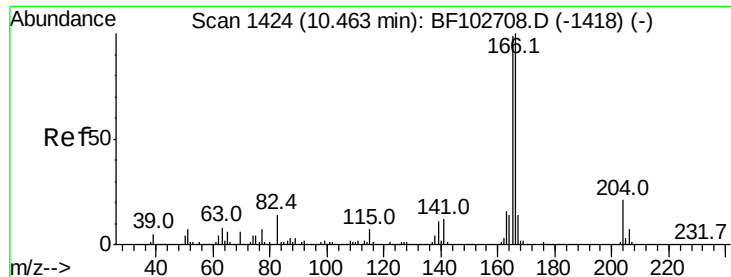
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.312 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampled :

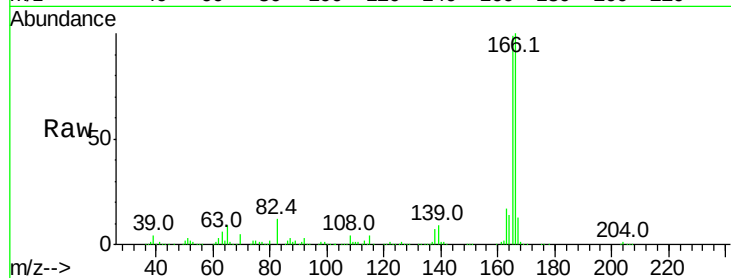
Tot Ion:166 Resp: 1005314

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

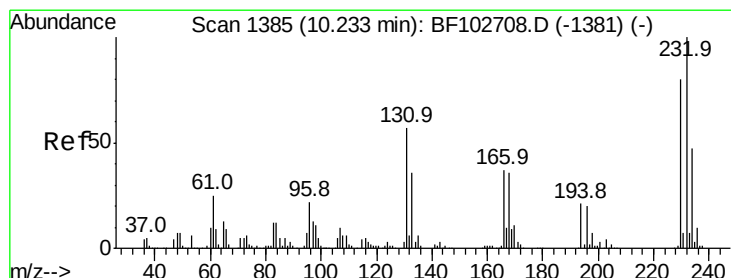
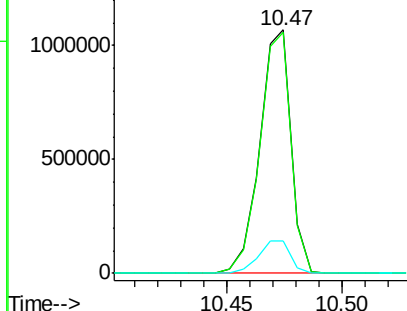
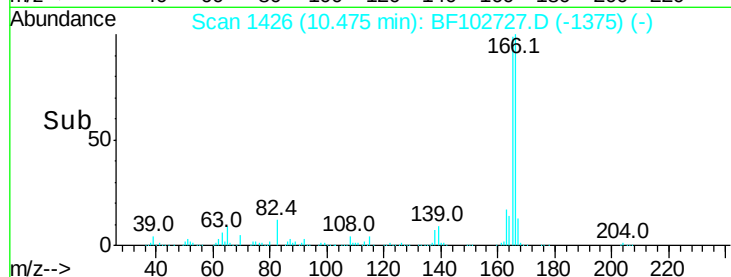
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.947 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Tgt Ion:232 Resp: 254279

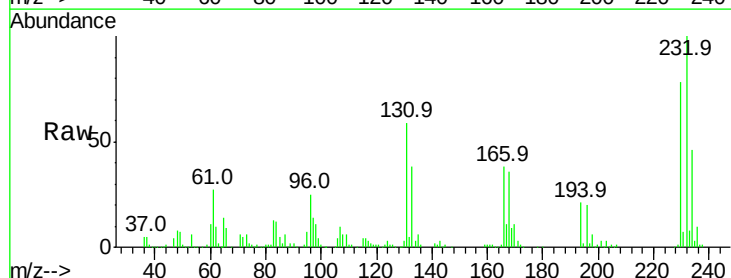
Ion Ratio Lower Upper

232 100

131 54.6 43.8 65.8

130 2.5 2.1 3.1

166 35.6 27.8 41.6

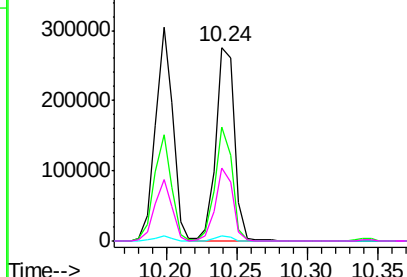
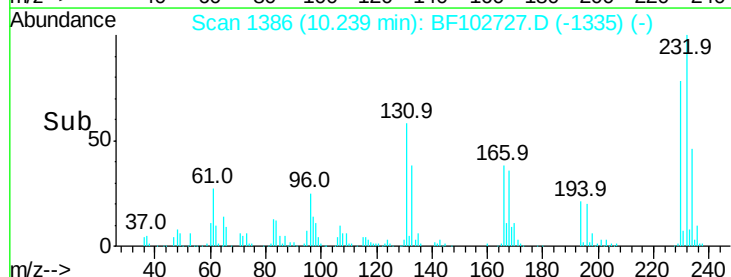


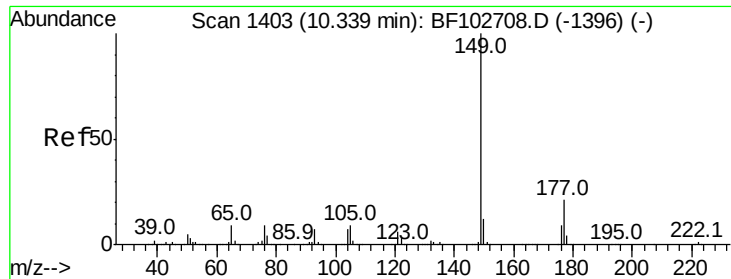
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

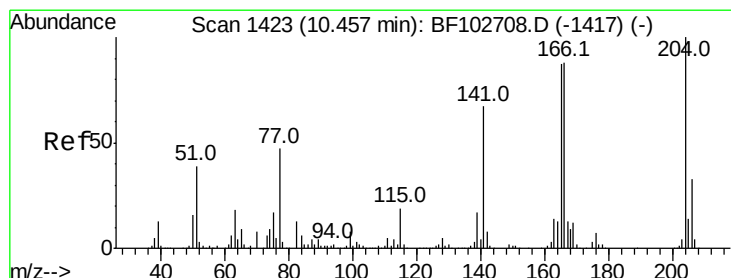
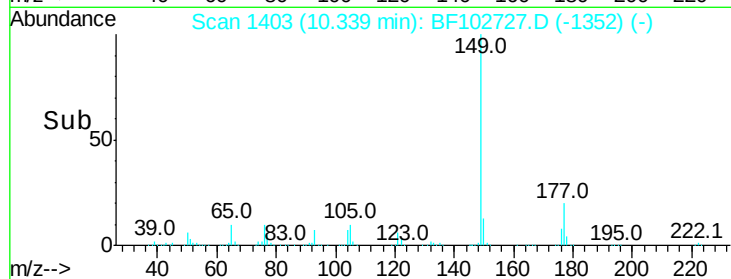
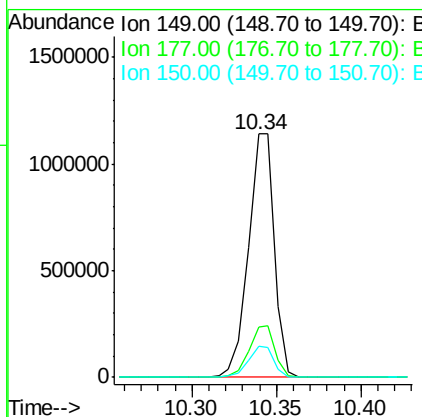
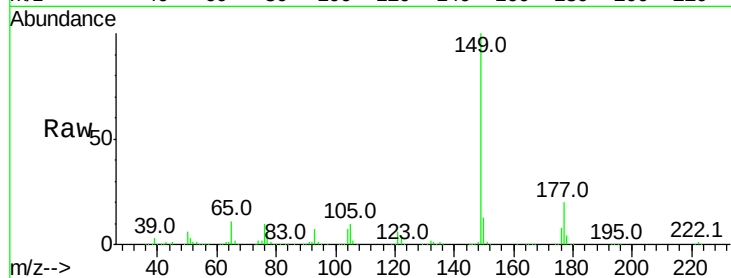




#59
Diethylphthalate
Concen: 39.169 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

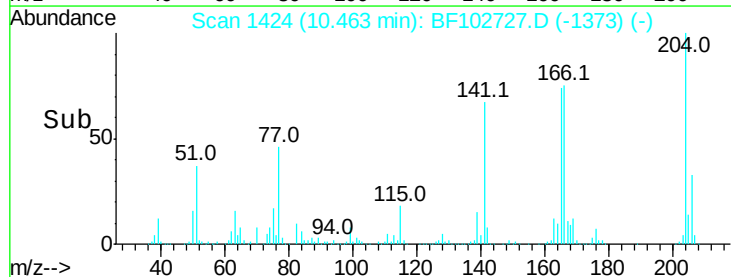
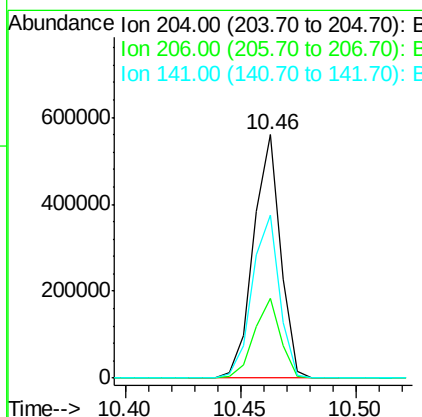
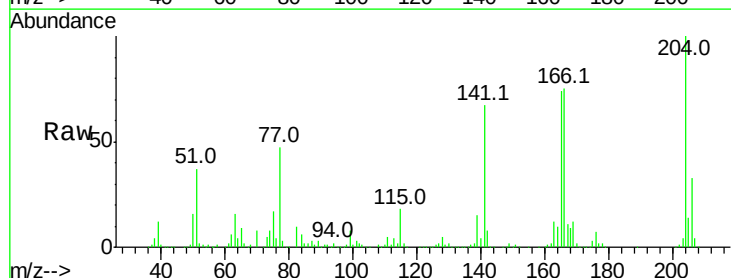
Instrument :
BNA_F
ClientSampled :

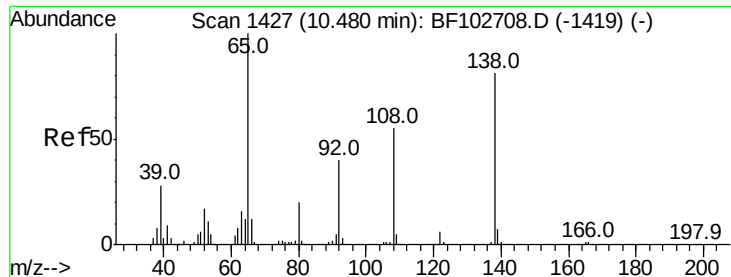
Tot Ion:149 Resp: 1221158
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.419 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion:204 Resp: 457255
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 66.9 54.6 81.8

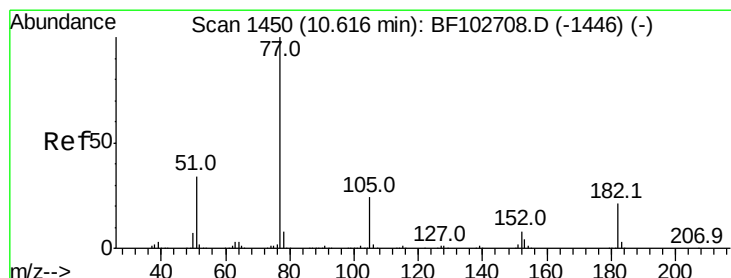
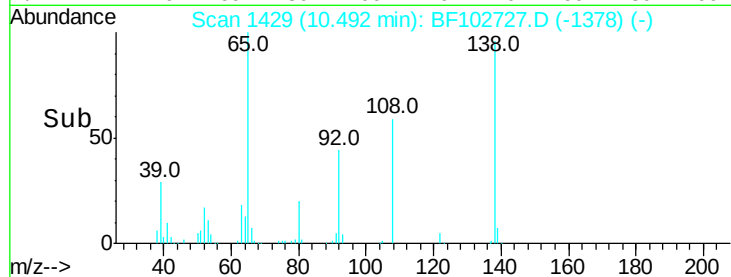
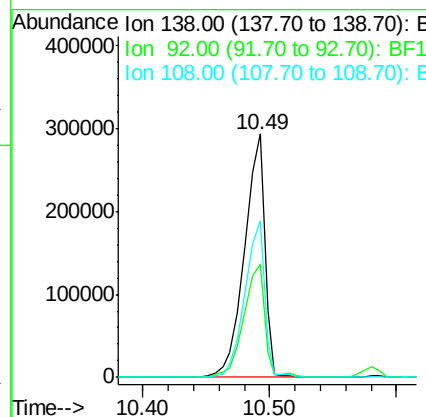
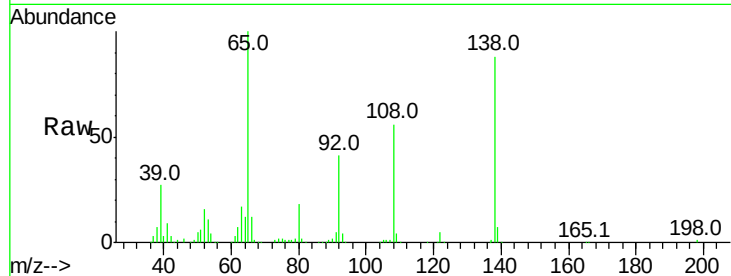




#61
4-Nitroaniline
Concen: 46.059 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

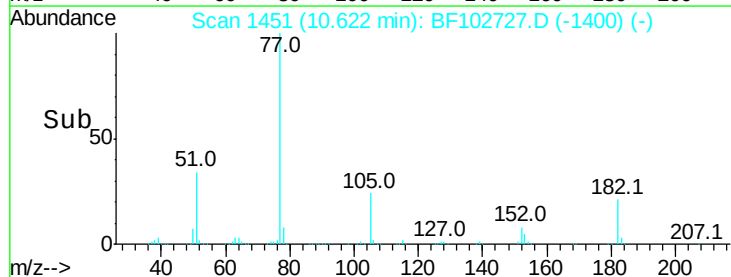
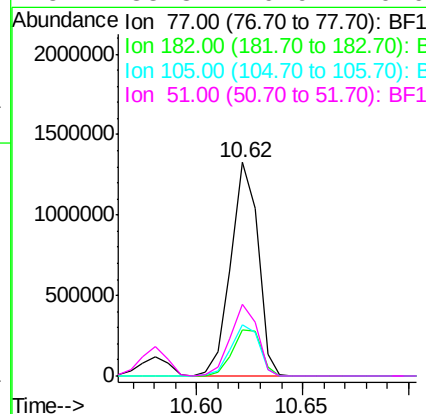
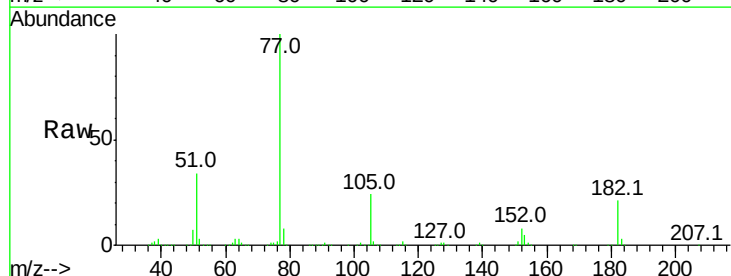
Instrument :
BNA_F
ClientSampleId :

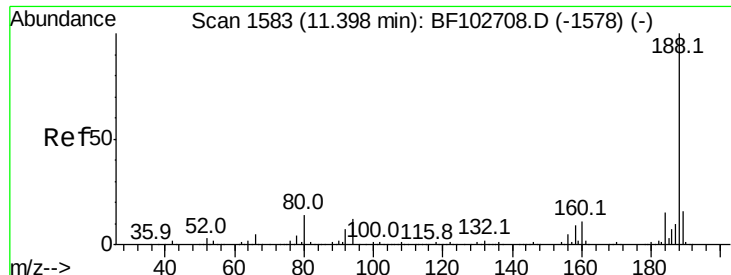
Tot Ion:138 Resp: 324042
Ion Ratio Lower Upper
138 100
92 46.3 30.2 70.2
108 64.2 52.5 92.5



#62
Azobenzene
Concen: 37.949 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion: 77 Resp: 1181936
Ion Ratio Lower Upper
77 100
182 21.3 1.7 41.7
105 23.9 3.0 43.0
51 33.8 9.9 49.9

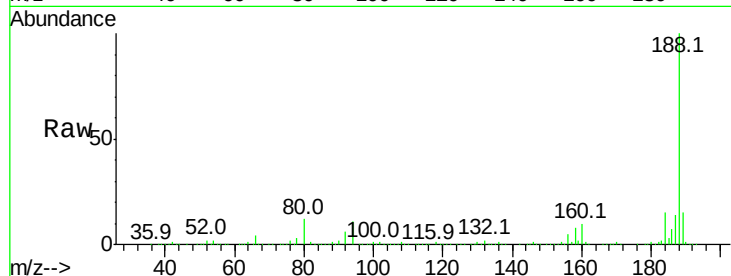




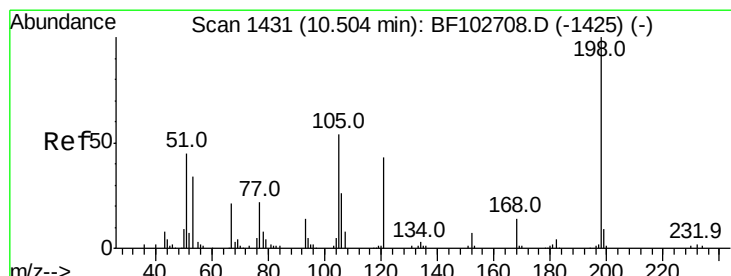
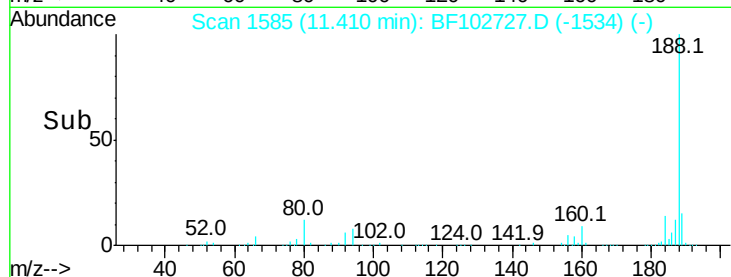
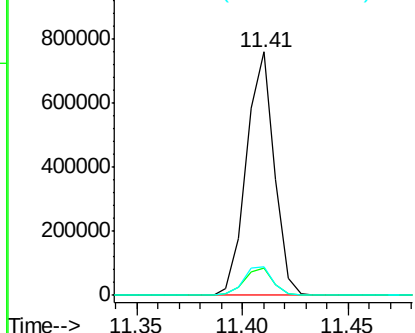
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 693614
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.0 9.2 13.8

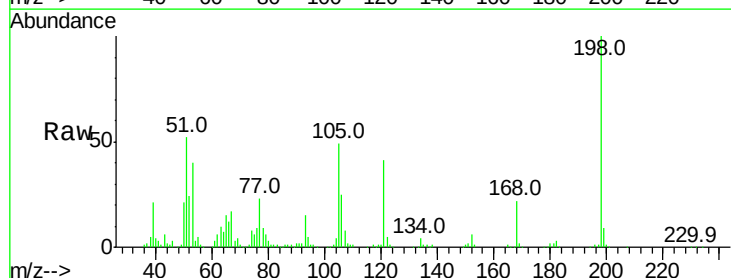


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

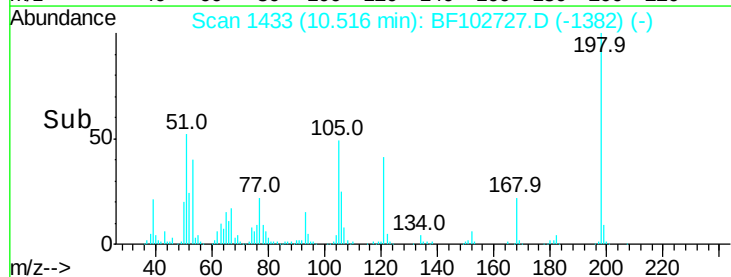
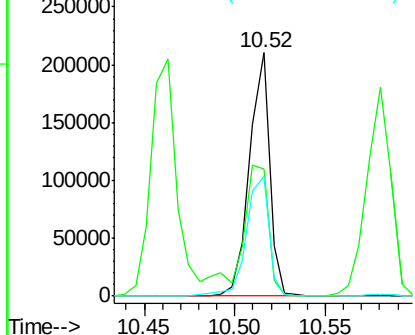


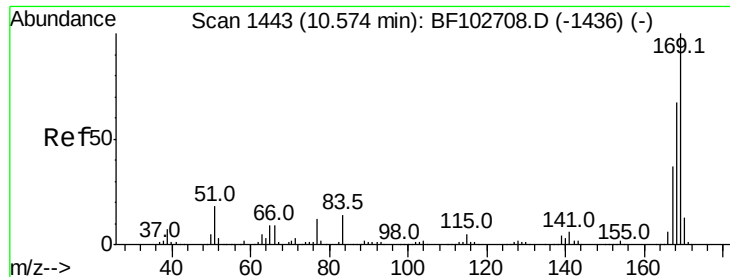
#64
 4,6-Dinitro-2-methylphenol
 Concen: 54.234 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Tgt Ion:198 Resp: 163603
 Ion Ratio Lower Upper
 198 100
 51 52.2 37.7 77.7
 105 48.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

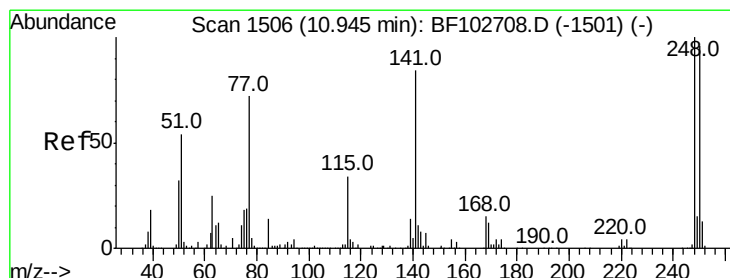
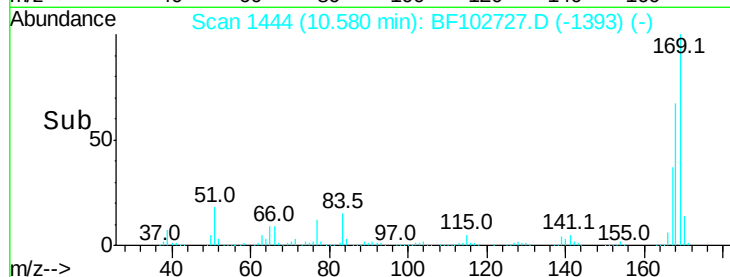
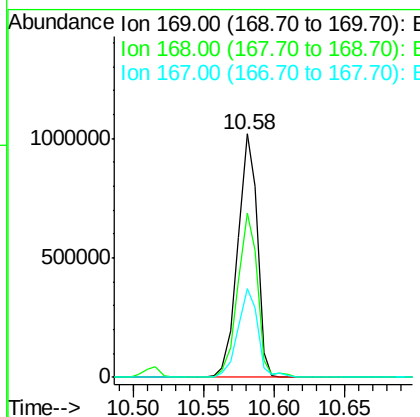
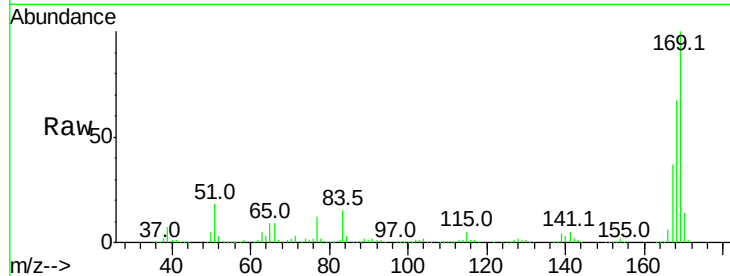




#65
 n-Nitrosodiphenylamine
 Concen: 39.870 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

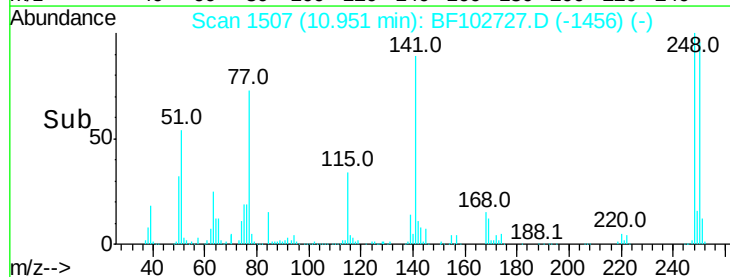
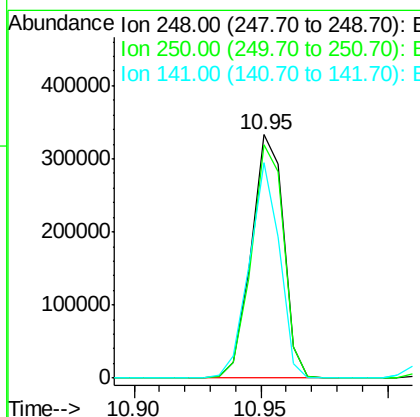
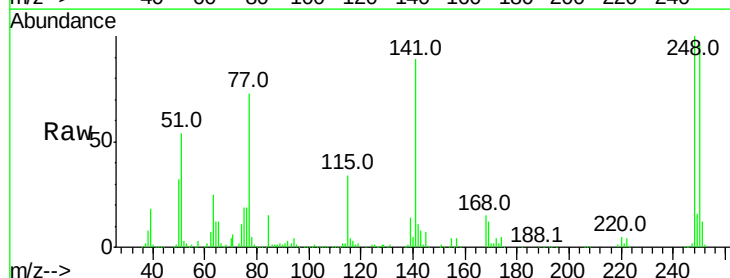
Instrument :
 BNA_F
 ClientSampleId :

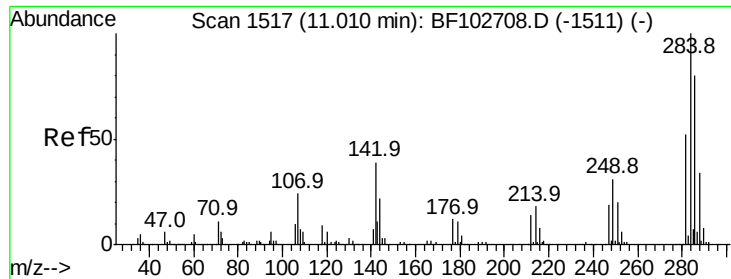
Tot Ion:169 Resp: 975446
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.478 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Tgt Ion:248 Resp: 296995
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.9 115.3
 141 88.7 74.4 111.6

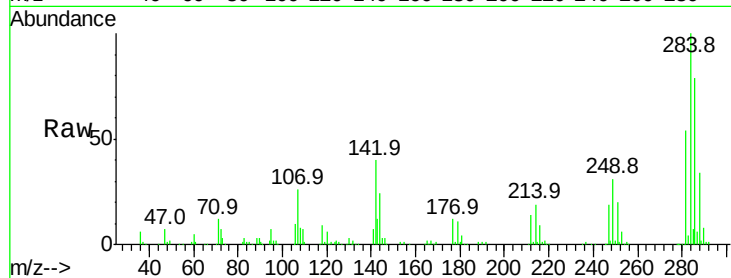




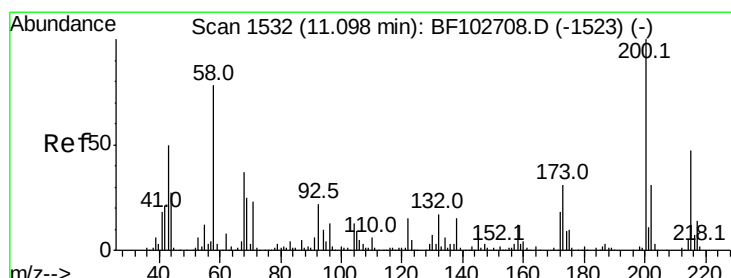
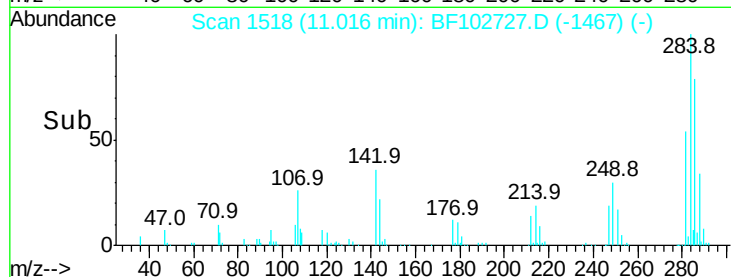
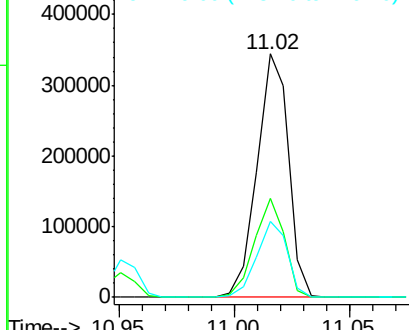
#67
Hexachlorobenzene
Concen: 40.363 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 326705
Ion Ratio Lower Upper
284 100
142 40.5 34.6 52.0
249 31.3 24.8 37.2

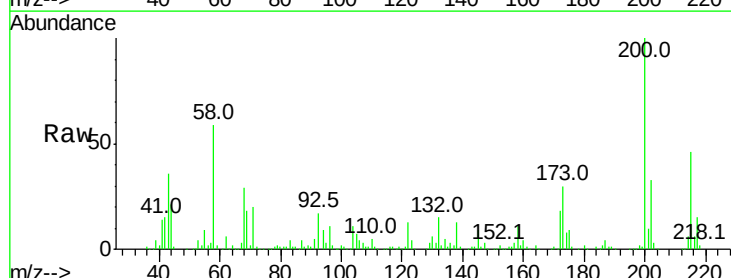


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

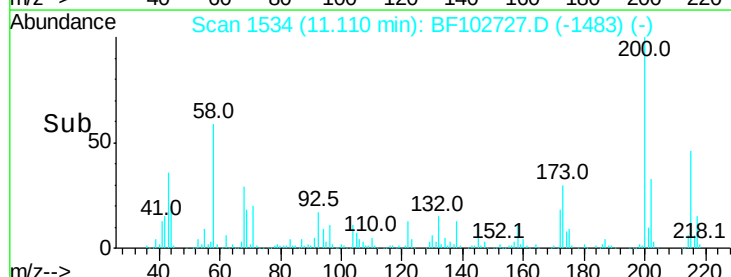
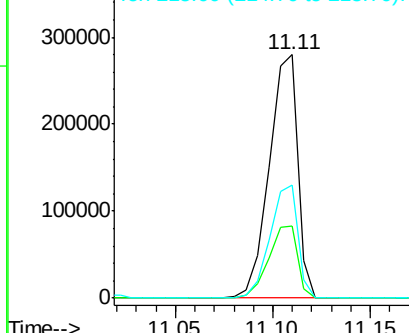


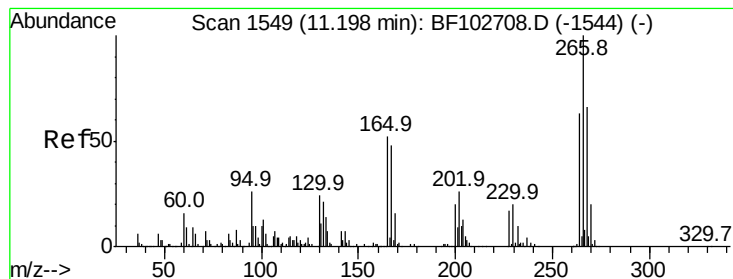
#68
Atrazine
Concen: 39.278 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion:200 Resp: 283495
Ion Ratio Lower Upper
200 100
173 29.6 8.6 48.6
215 46.5 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: 45.737 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

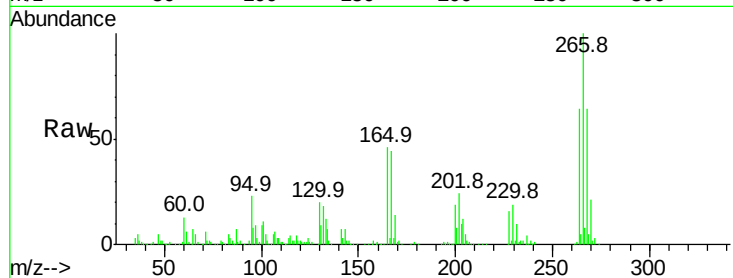
Tot Ion:266 Resp: 217319

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

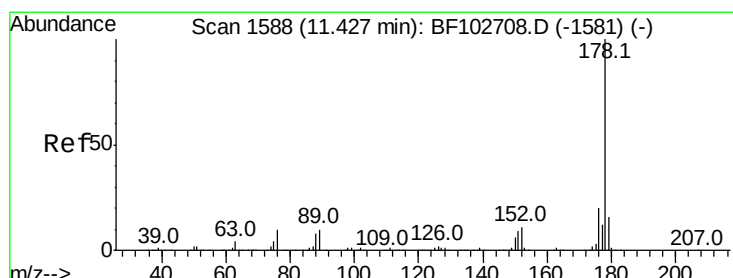
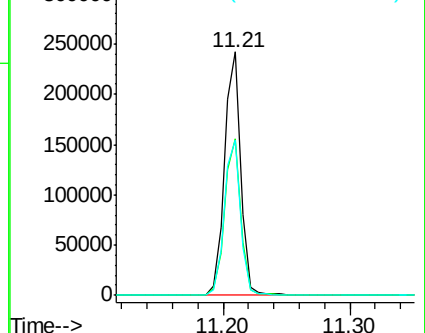
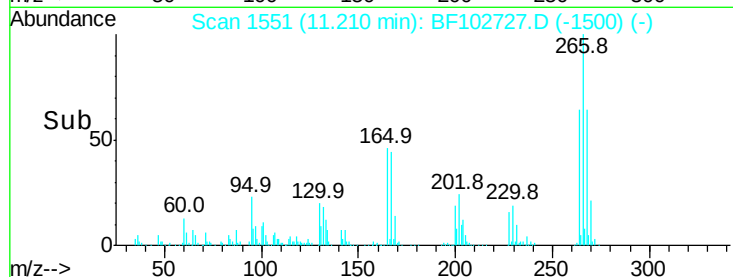
264 63.7 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.695 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

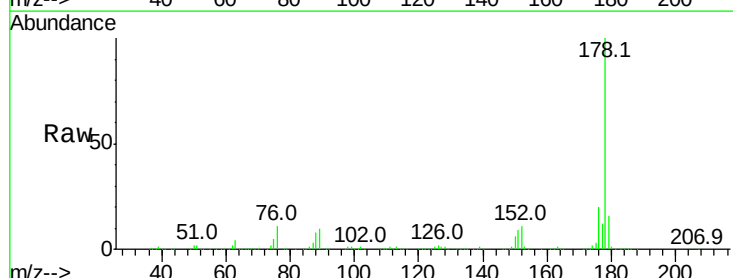
Tgt Ion:178 Resp: 1494769

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

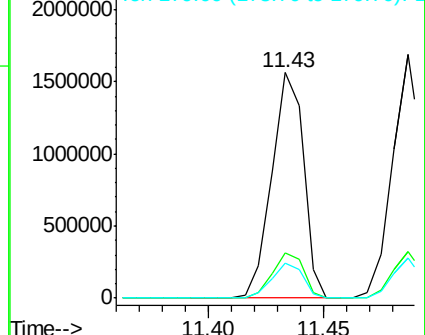
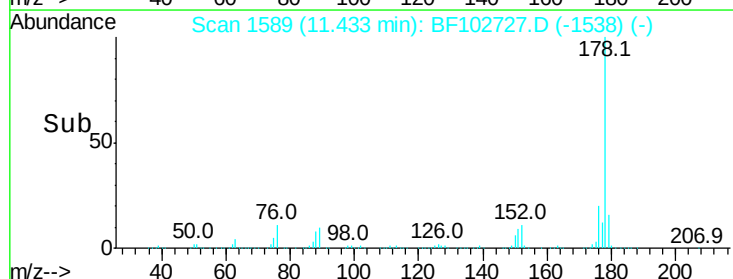
179 15.8 13.0 19.6

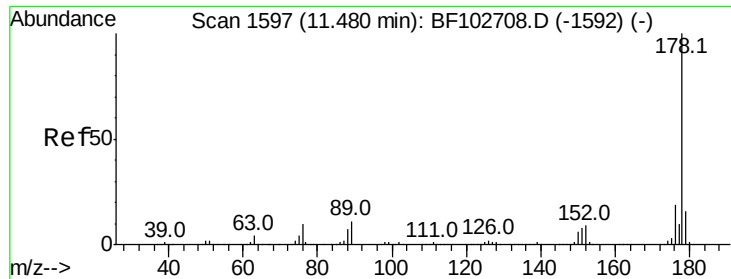


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

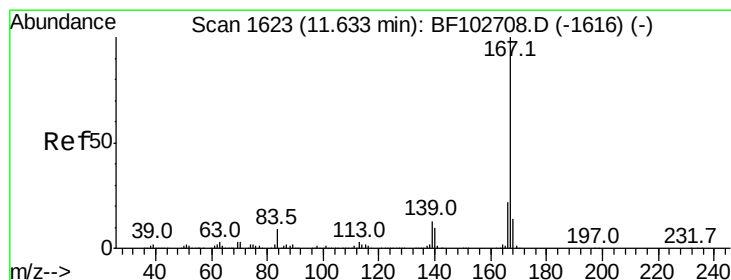
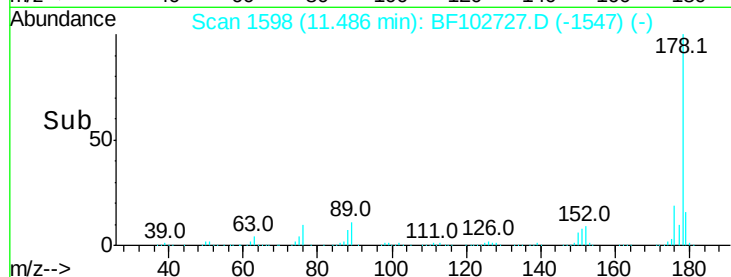
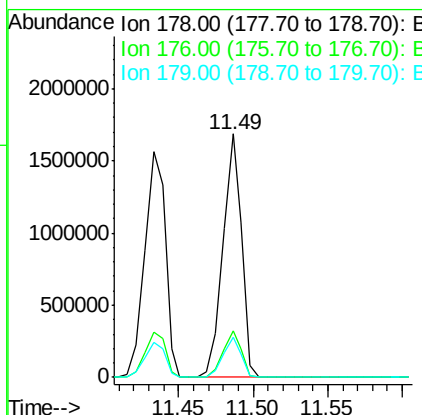
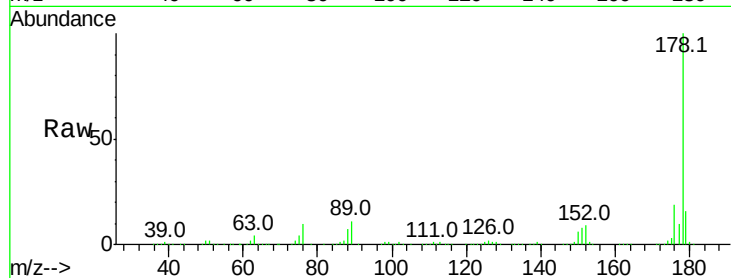




#71
 Anthracene
 Concen: 38.082 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

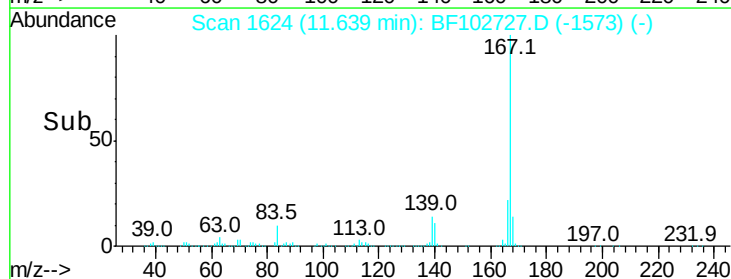
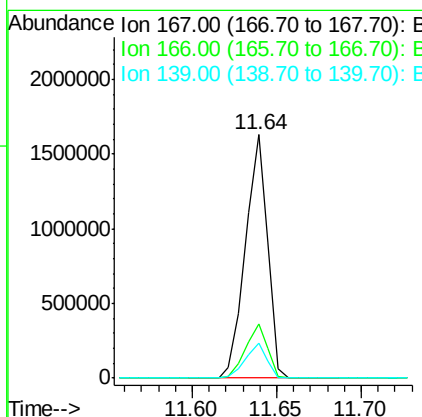
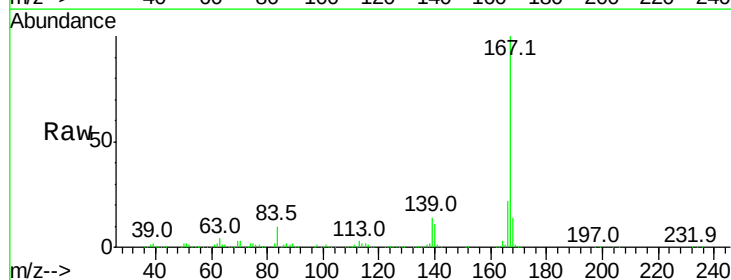
Instrument :
 BNA_F
 ClientSampleId :

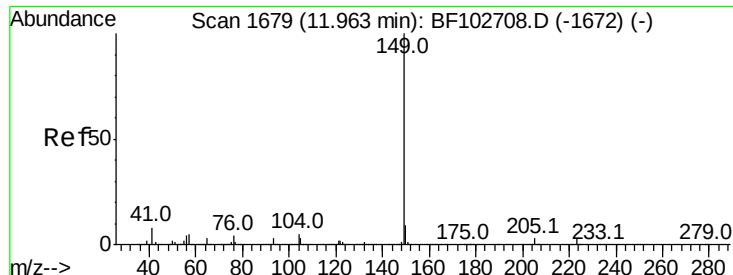
Tot Ion:178 Resp: 1496234
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.3 12.6 19.0



#72
 Carbazole
 Concen: 38.897 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Tgt Ion:167 Resp: 1497233
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.971 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

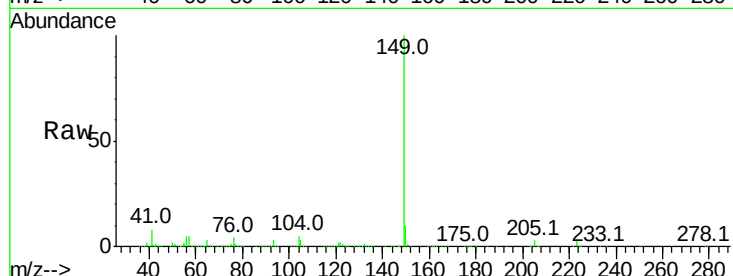
Tot Ion:149 Resp: 1868966

Ion Ratio Lower Upper

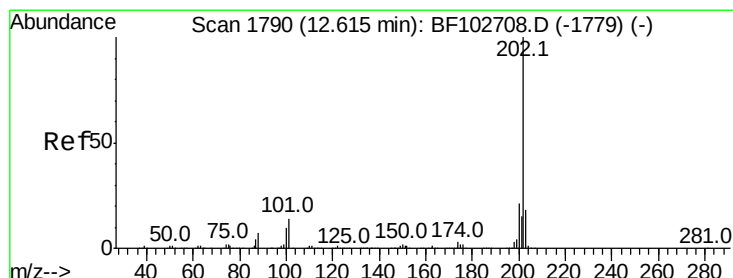
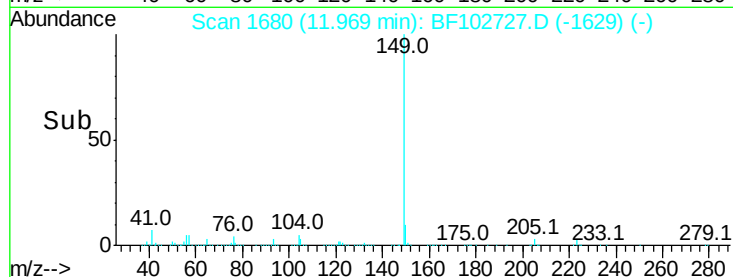
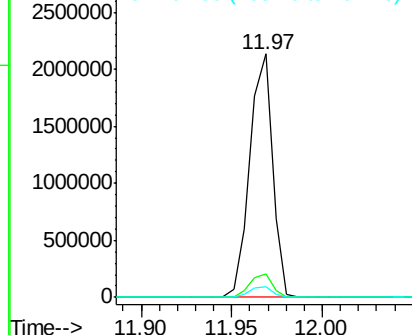
149 100

150 9.6 7.8 11.6

104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.568 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

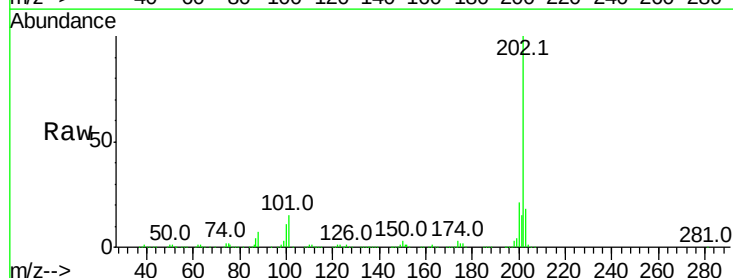
Tgt Ion:202 Resp: 1499001

Ion Ratio Lower Upper

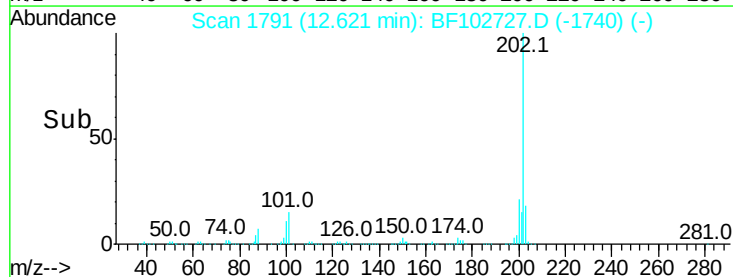
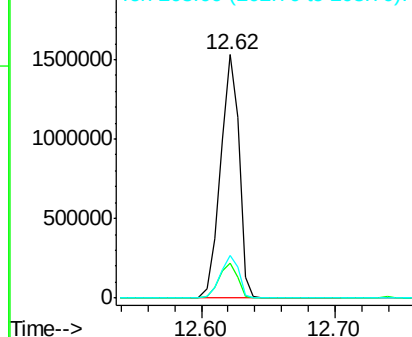
202 100

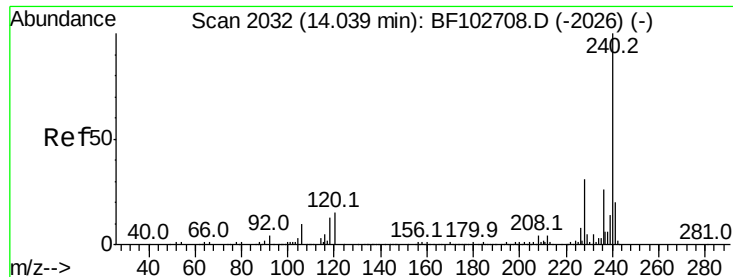
101 14.6 0.0 34.1

203 17.8 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

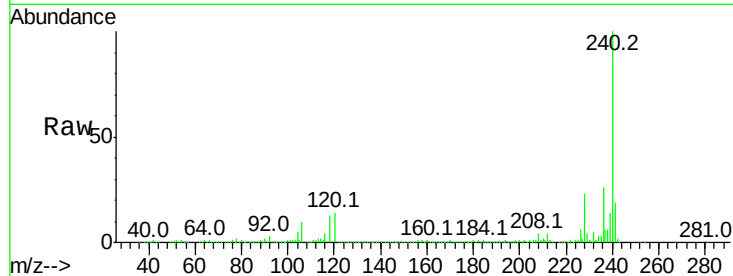
Tot Ion:240 Resp: 501237

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

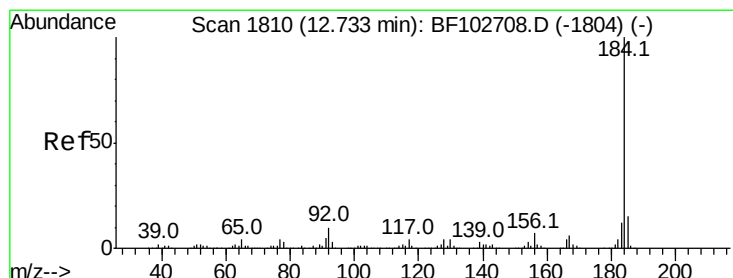
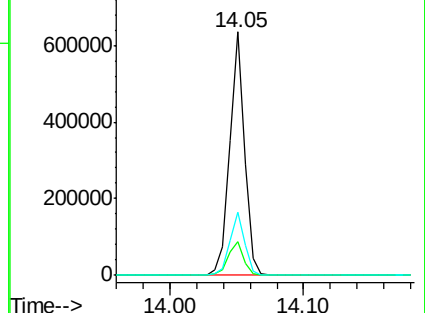
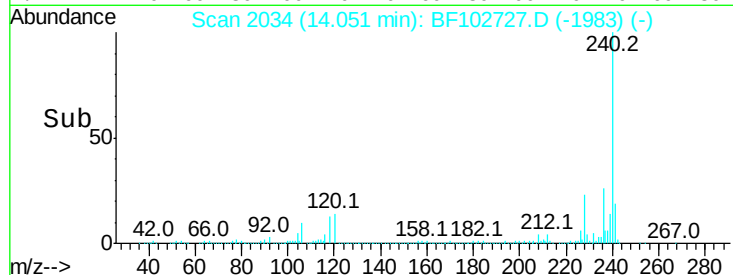
236 25.9 20.7 31.1



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: 29.349 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

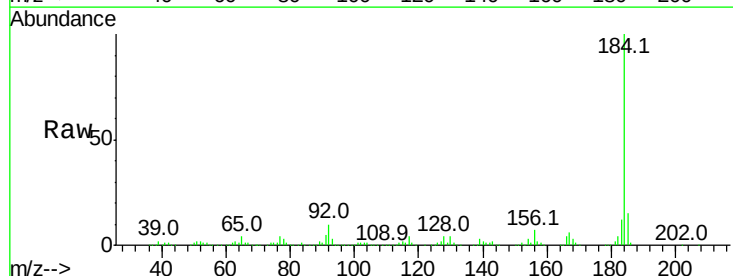
Tgt Ion:184 Resp: 676112

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

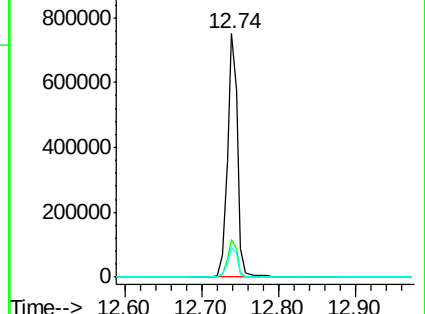
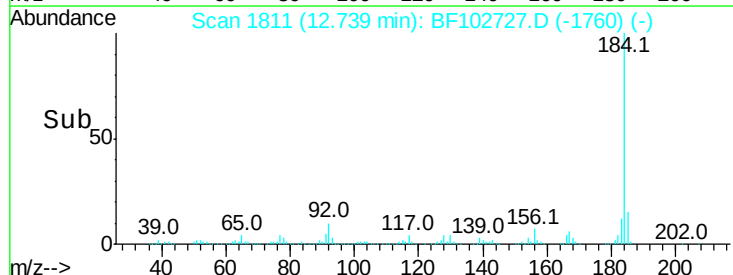
183 12.2 9.3 13.9

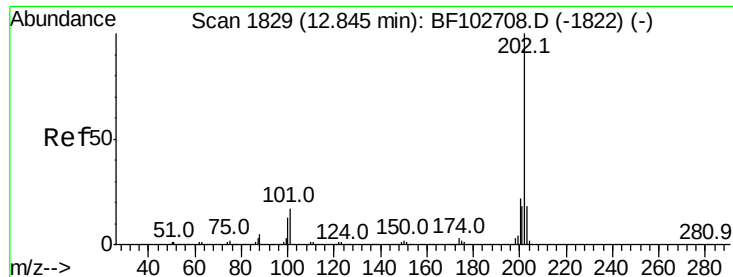


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.162 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

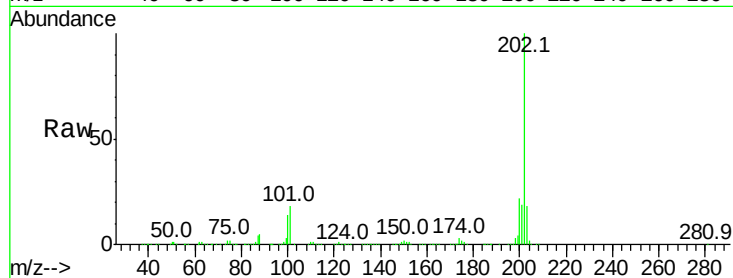
Tot Ion:202 Resp: 1539261

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

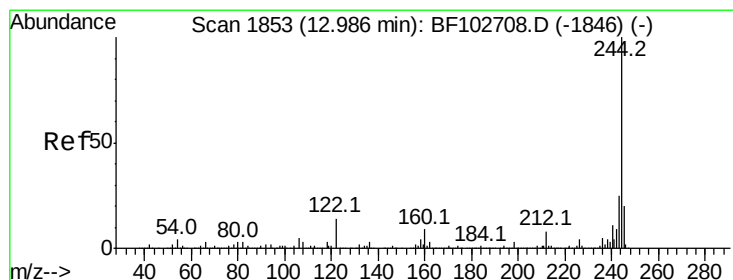
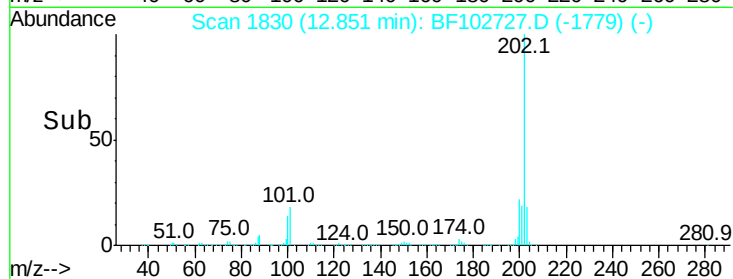
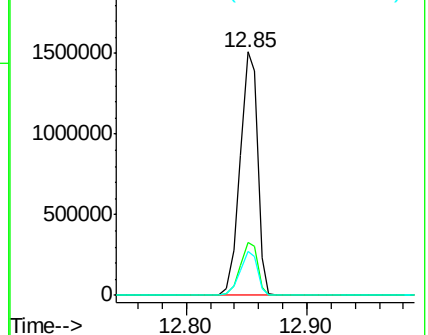
203 18.0 14.3 21.5



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: 76.818 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

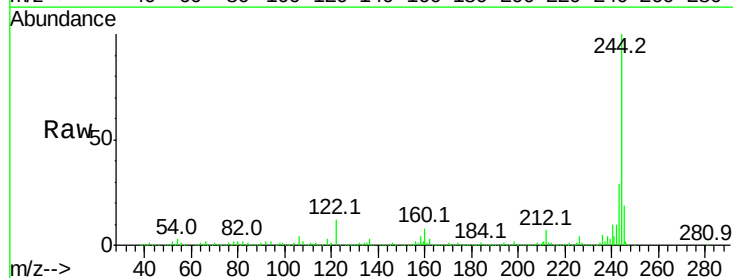
Tgt Ion:244 Resp: 1626169

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

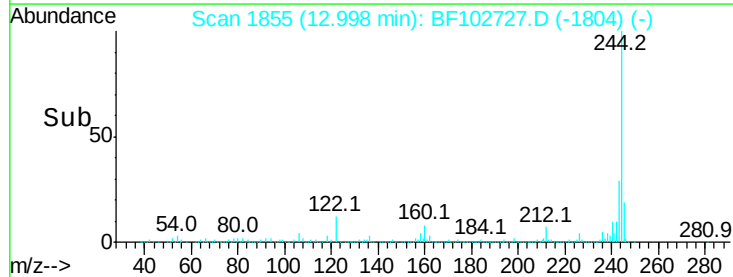
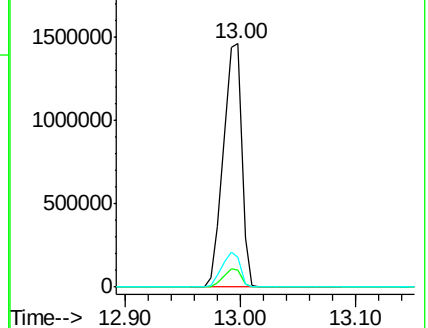
122 12.4 11.0 16.4

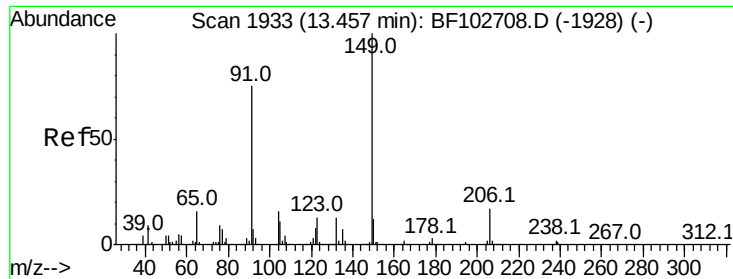


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

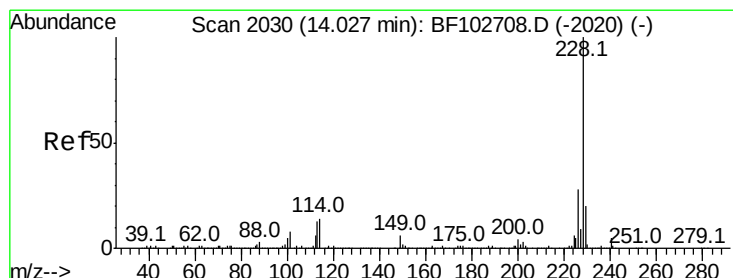
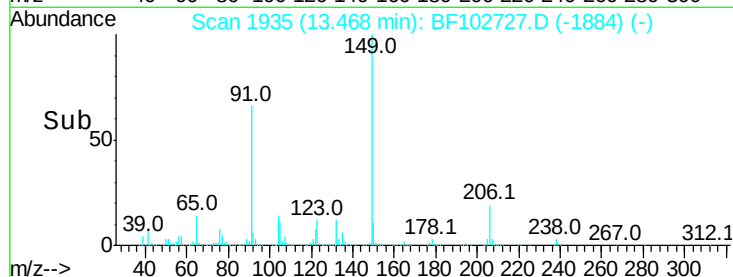
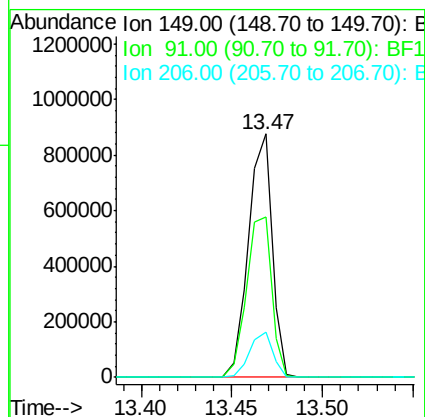
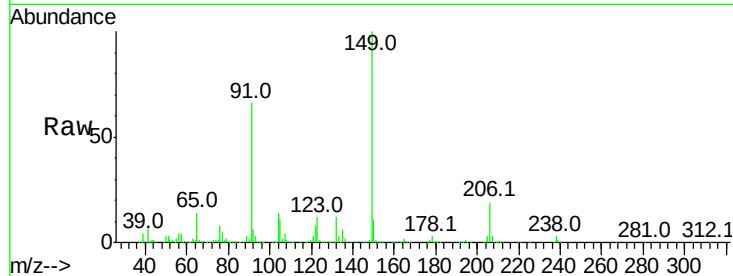




#79
Butylbenzylphthalate
Concen: 42.678 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

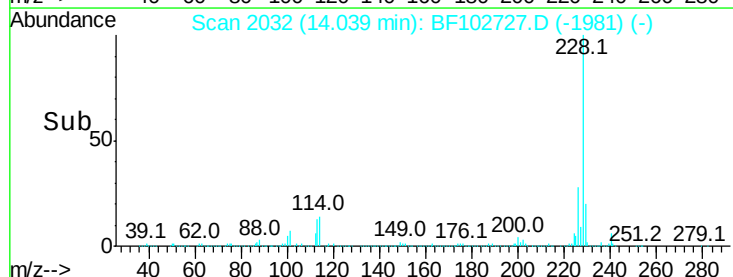
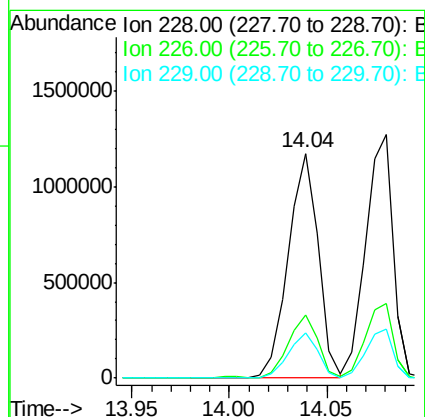
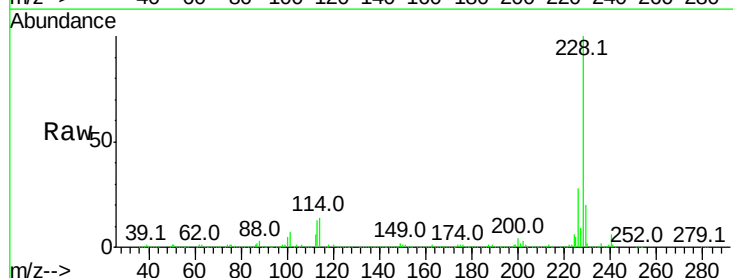
Instrument :
BNA_F
ClientSampled :

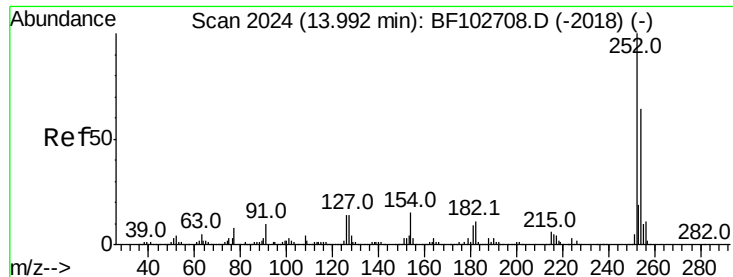
Tot Ion:149 Resp: 800205
Ion Ratio Lower Upper
149 100
91 66.0 56.8 85.2
206 18.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.582 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102727.D
Acq: 5 Feb 2018 9:58

Tgt Ion:228 Resp: 1247760
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.3 15.8 23.6

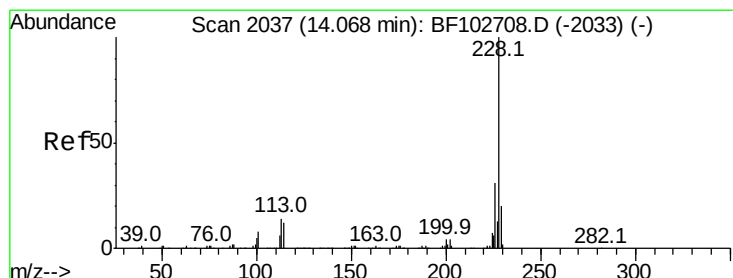
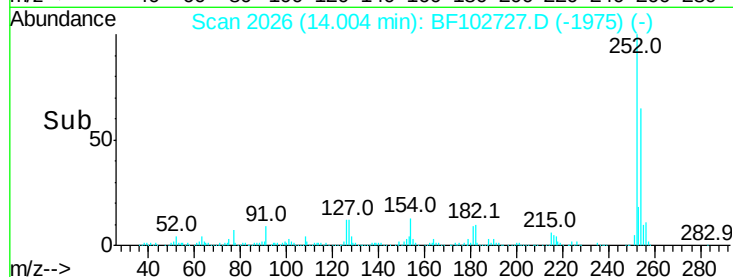
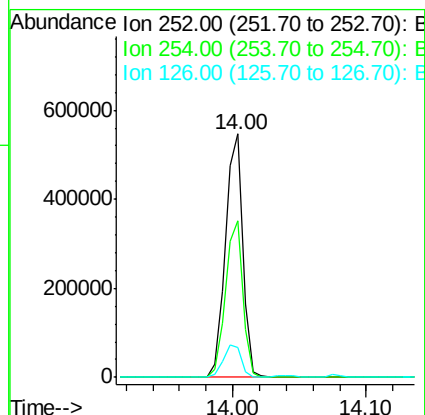
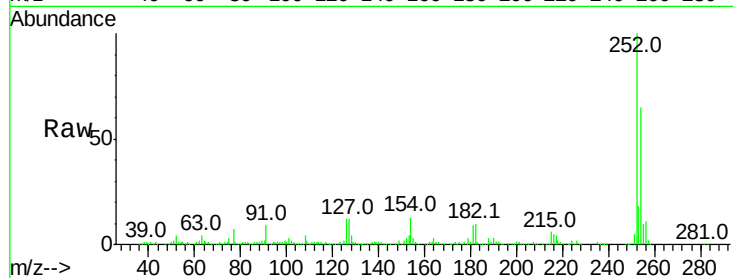




#81
 3,3'-Dichlorobenzidine
 Concen: 43.295 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

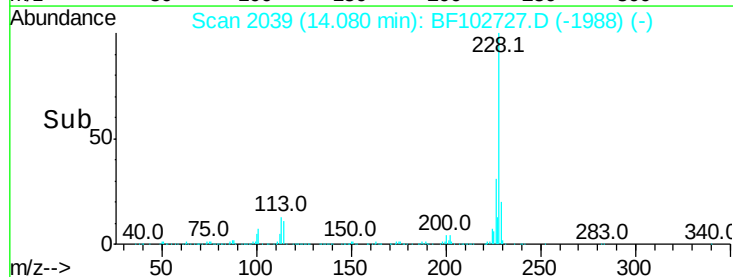
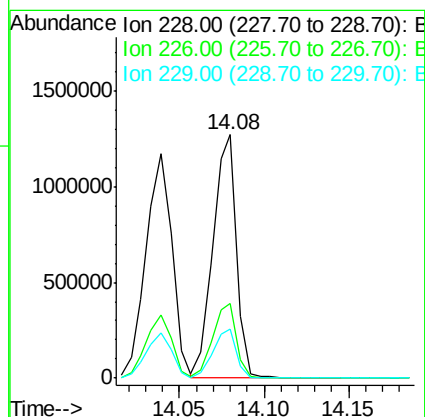
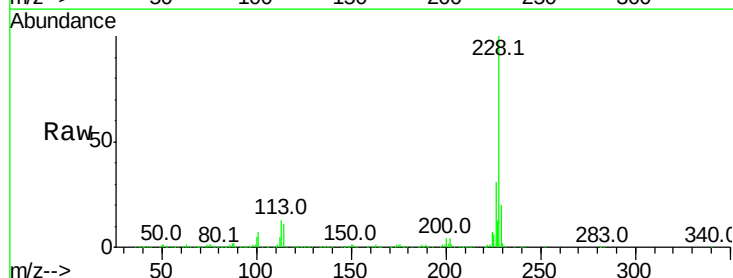
Instrument :
 BNA_F
 ClientSampleId :

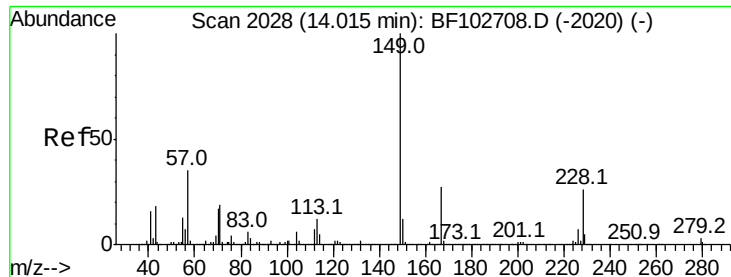
Tot Ion:252 Resp: 506031
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 12.2 11.3 16.9



#82
 Chrysene
 Concen: 38.927 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Tgt Ion:228 Resp: 1236978
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.1 16.2 24.4

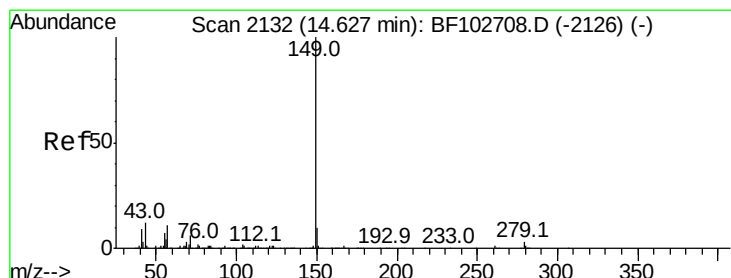
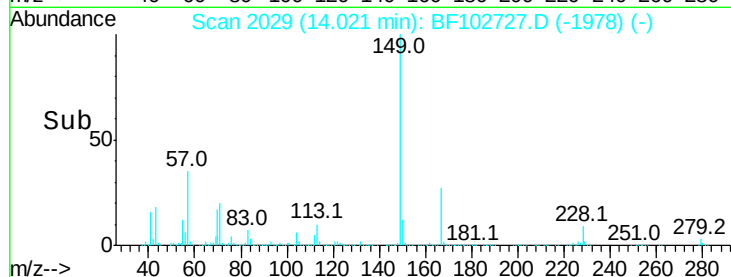
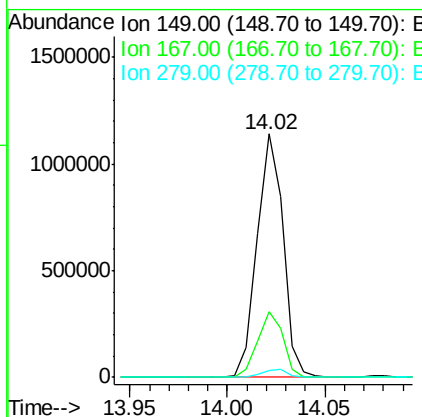
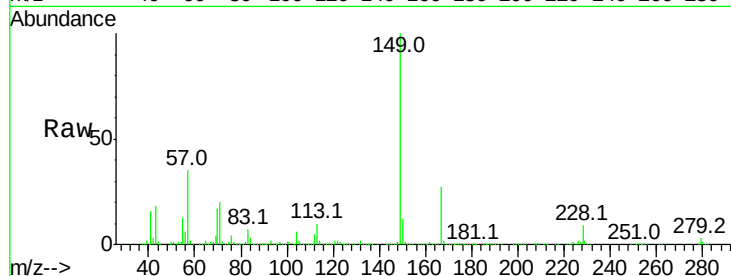




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.882 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

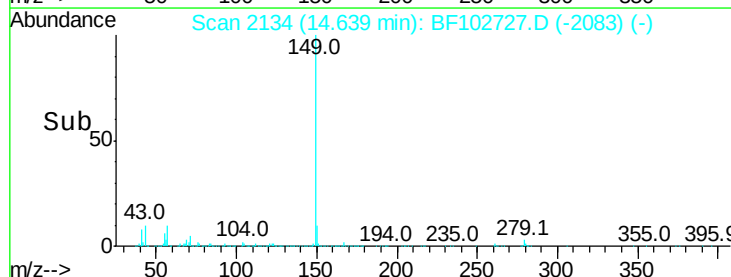
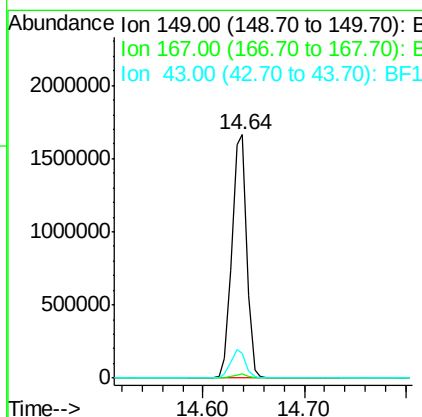
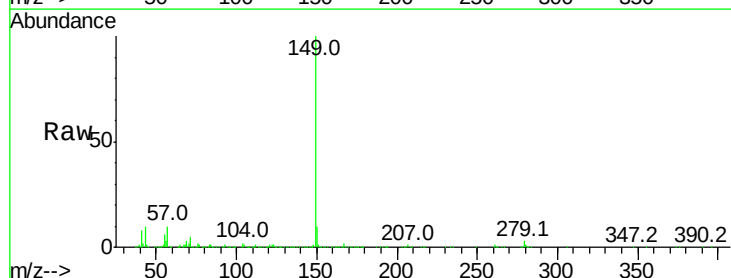
Instrument :
 BNA_F
 ClientSampleId :

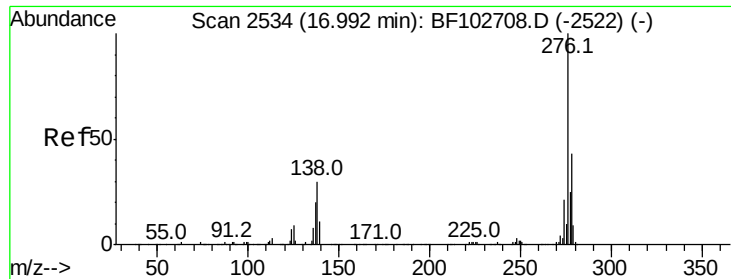
Tot Ion:149 Resp: 1056581
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 46.665 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Tgt Ion:149 Resp: 1687090
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.2 8.4 12.6

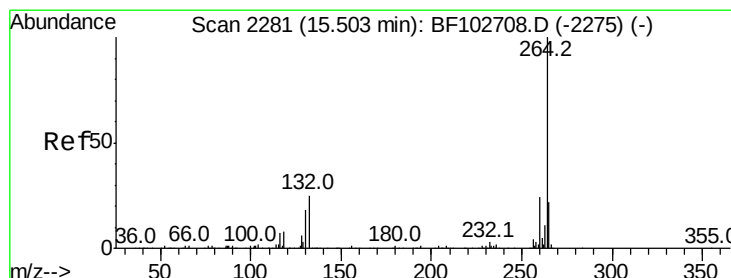
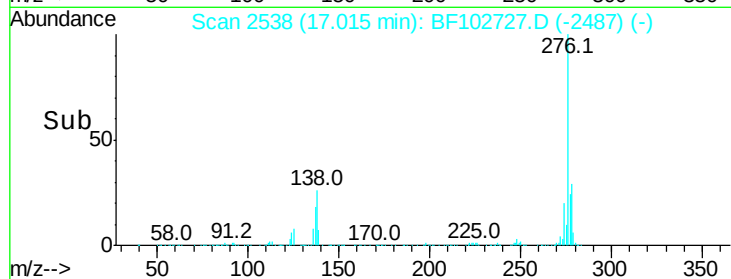
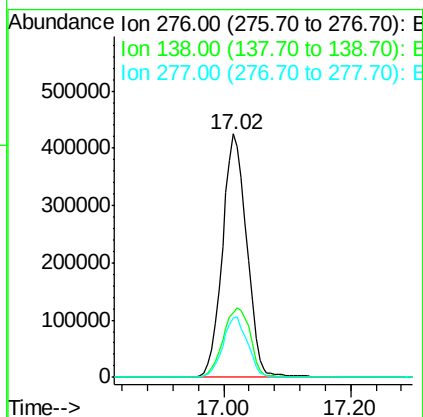
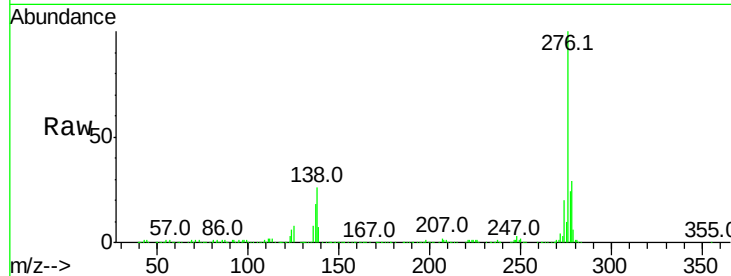




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.039 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

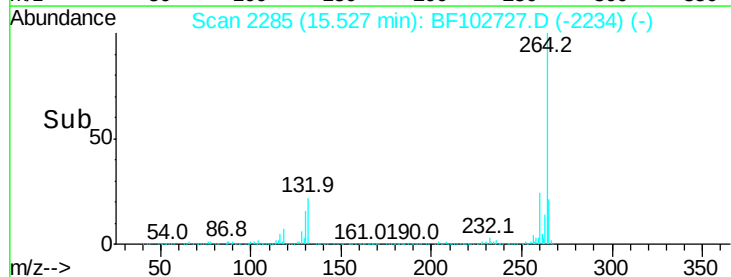
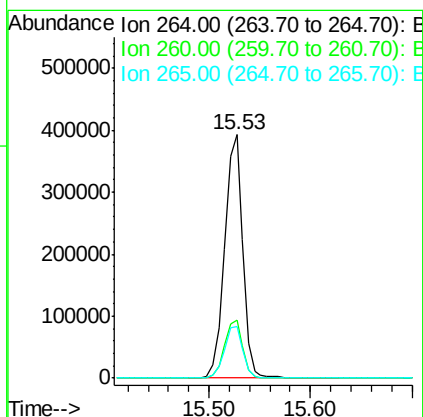
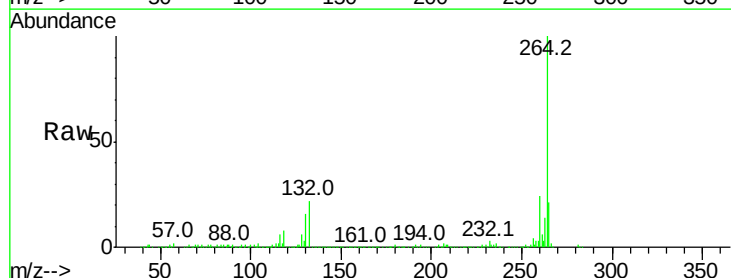
Instrument :
 BNA_F
 ClientSampleId :

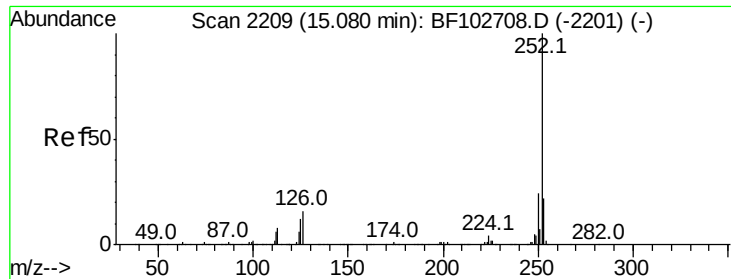
Tot Ion:276 Resp: 1134288
 Ion Ratio Lower Upper
 276 100
 138 32.1 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF102727.D
 Acq: 5 Feb 2018 9:58

Tgt Ion:264 Resp: 485927
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.1 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 37.858 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

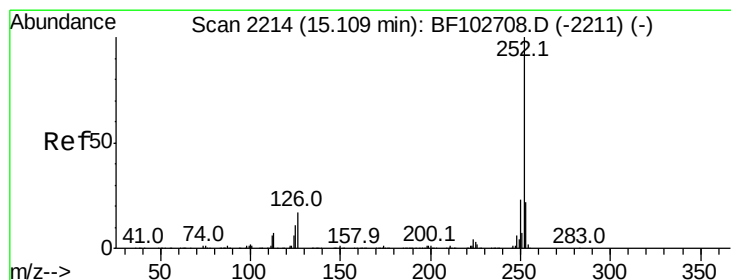
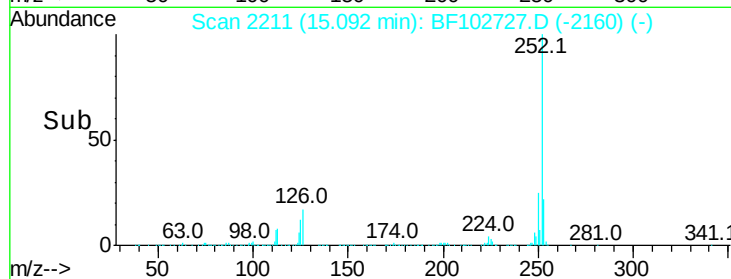
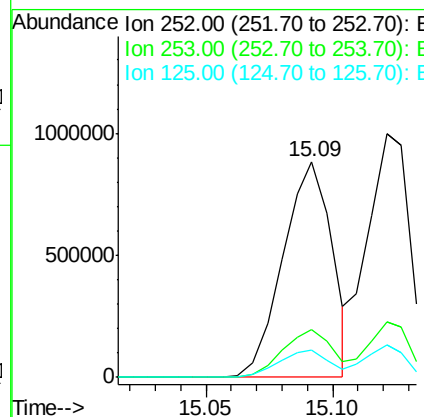
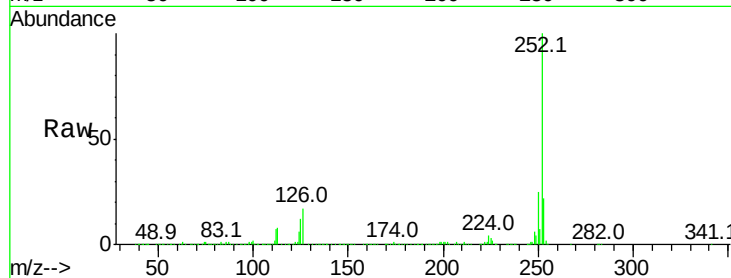
Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1192691

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.4	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 39.295 ng

RT: 15.12 min Scan# 2216

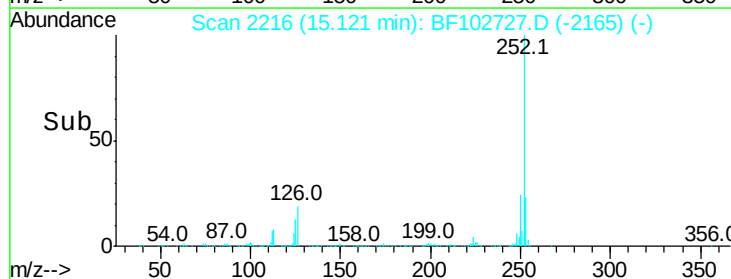
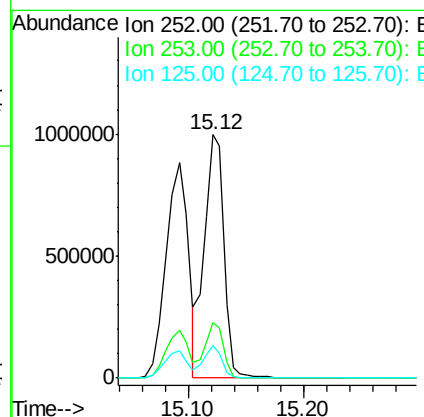
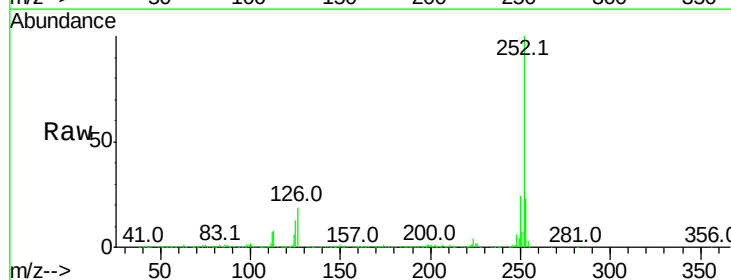
Delta R.T. 0.00 min

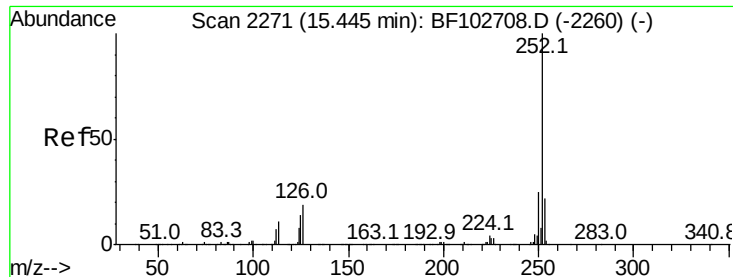
Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Tgt Ion:252 Resp: 1182879

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	13.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 39.102 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

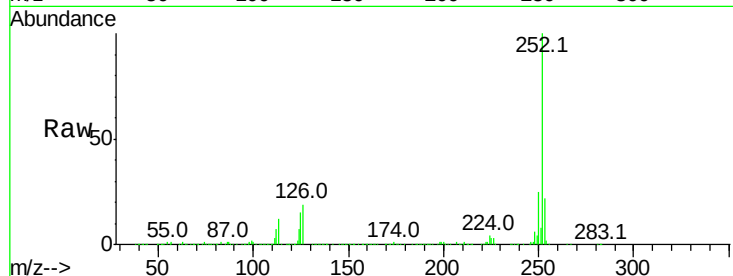
Tot Ion:252 Resp: 1108861

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

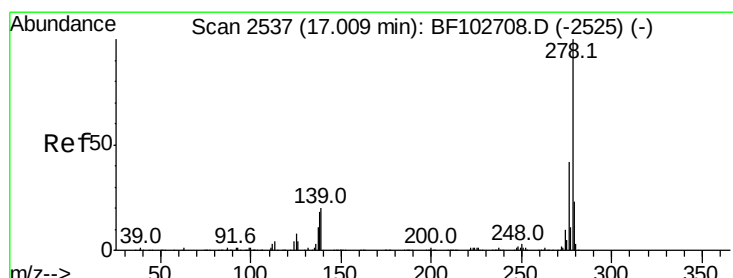
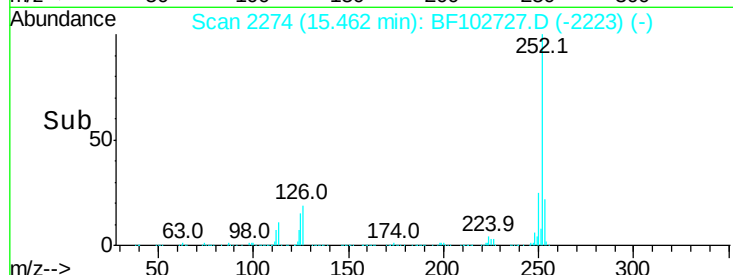
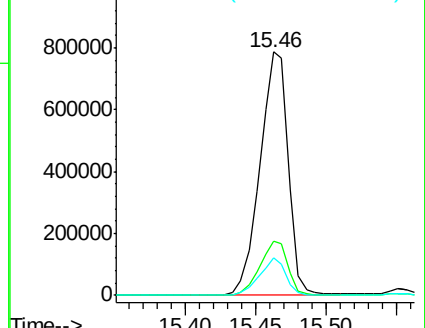
125 15.4 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.107 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

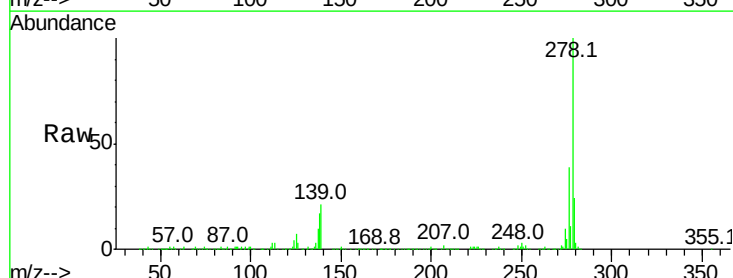
Tgt Ion:278 Resp: 923149

Ion Ratio Lower Upper

278 100

139 20.7 15.9 23.9

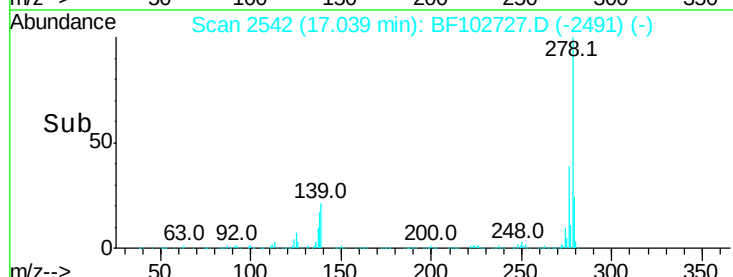
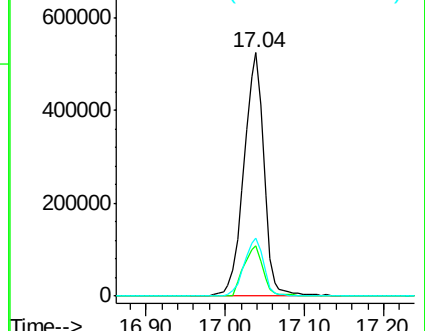
279 23.8 19.0 28.4

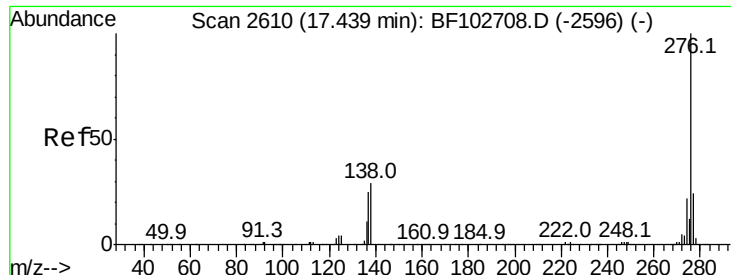


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.022 ng

RT: 17.47 min Scan# 2616

Delta R.T. 0.00 min

Lab File: BF102727.D

Acq: 5 Feb 2018 9:58

Instrument :

BNA_F

ClientSampleId :

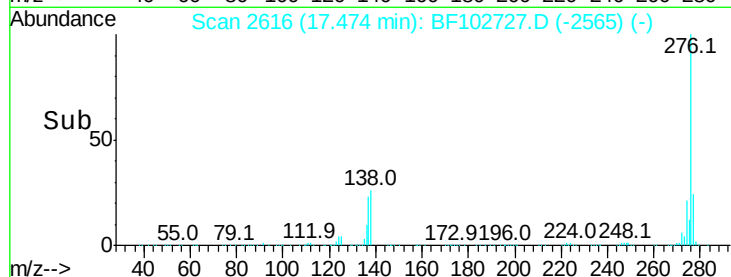
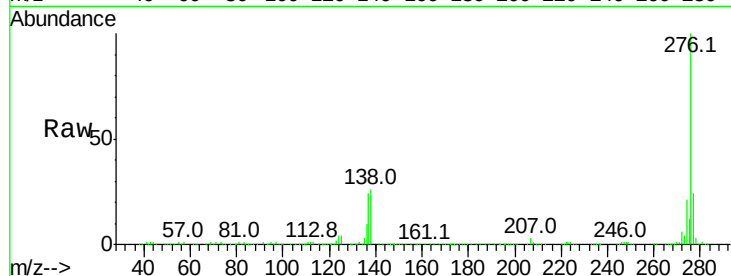
Tot Ion:276 Resp: 924184

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 26.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

