

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104152.D
 Acq On : 3 Apr 2018 1:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 02:23:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	76924	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	334684	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	143967	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	210742	20.00	ng	0.00
75) Chrysene-d12	14.15	240	183954	20.00	ng	0.00
86) Perylene-d12	15.69	264	174730	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	384540	79.72	ng	0.00
7) Phenol-d6	6.60	99	496730	83.70	ng	0.00
23) Nitrobenzene-d5	7.53	82	462320	84.48	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	112418	70.13	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	878769	96.25	ng	0.00
78) Terphenyl-d14	13.07	244	607573	76.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	77644	37.322	ng	91
3) Pyridine	3.59	79	184958	35.119	ng	# 88
4) n-Nitrosodimethylamine	3.56	42	27024	17.263	ng	81
6) Aniline	6.63	93	284895	40.102	ng	# 88
8) 2-Chlorophenol	6.75	128	235985	44.599	ng	95
9) Benzaldehyde	6.52	77	86044	24.827	ng	99
10) Phenol	6.61	94	259468	39.460	ng	97
11) bis(2-Chloroethyl)ether	6.69	93	275681	48.654	ng	88
12) 1,3-Dichlorobenzene	6.90	146	245705	41.310	ng	99
13) 1,4-Dichlorobenzene	6.98	146	283340	44.459	ng	99
14) 1,2-Dichlorobenzene	7.13	146	239152	41.749	ng	99
15) Benzyl Alcohol	7.10	79	157576	40.839	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	264751	42.889	ng	54
17) 2-Methylphenol	7.21	107	181917	42.242	ng	93
18) Hexachloroethane	7.46	117	83130	38.959	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	155298	44.095	ng	92
20) 3+4-Methylphenols	7.37	107	249588	45.411	ng	# 52
22) Acetophenone	7.37	105	344251	42.513	ng	# 98
24) Nitrobenzene	7.55	77	235407	40.882	ng	98
25) Isophorone	7.77	82	399768	39.637	ng	99
26) 2-Nitrophenol	7.86	139	117058	38.945	ng	91
27) 2,4-Dimethylphenol	7.89	122	171069	39.464	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	253123	40.044	ng	98
29) 2,4-Dichlorophenol	8.10	162	180184	39.796	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	215278	41.905	ng	99
31) Naphthalene	8.26	128	649338	39.714	ng	99
32) Benzoic acid	8.02	122	103110	32.470	ng	92
33) 4-Chloroaniline	8.32	127	265633	38.536	ng	96
34) Hexachlorobutadiene	8.37	225	119032	42.579	ng	98
35) Caprolactam	8.69	113	52100	36.290	ng	# 74
36) 4-Chloro-3-methylphenol	8.79	107	186700	38.984	ng	99
37) 2-Methylnaphthalene	8.95	142	423493	39.321	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	195810	44.353	ng	97
40) Hexachlorocyclopentadiene	9.09	237	3345	6.888	ng	94

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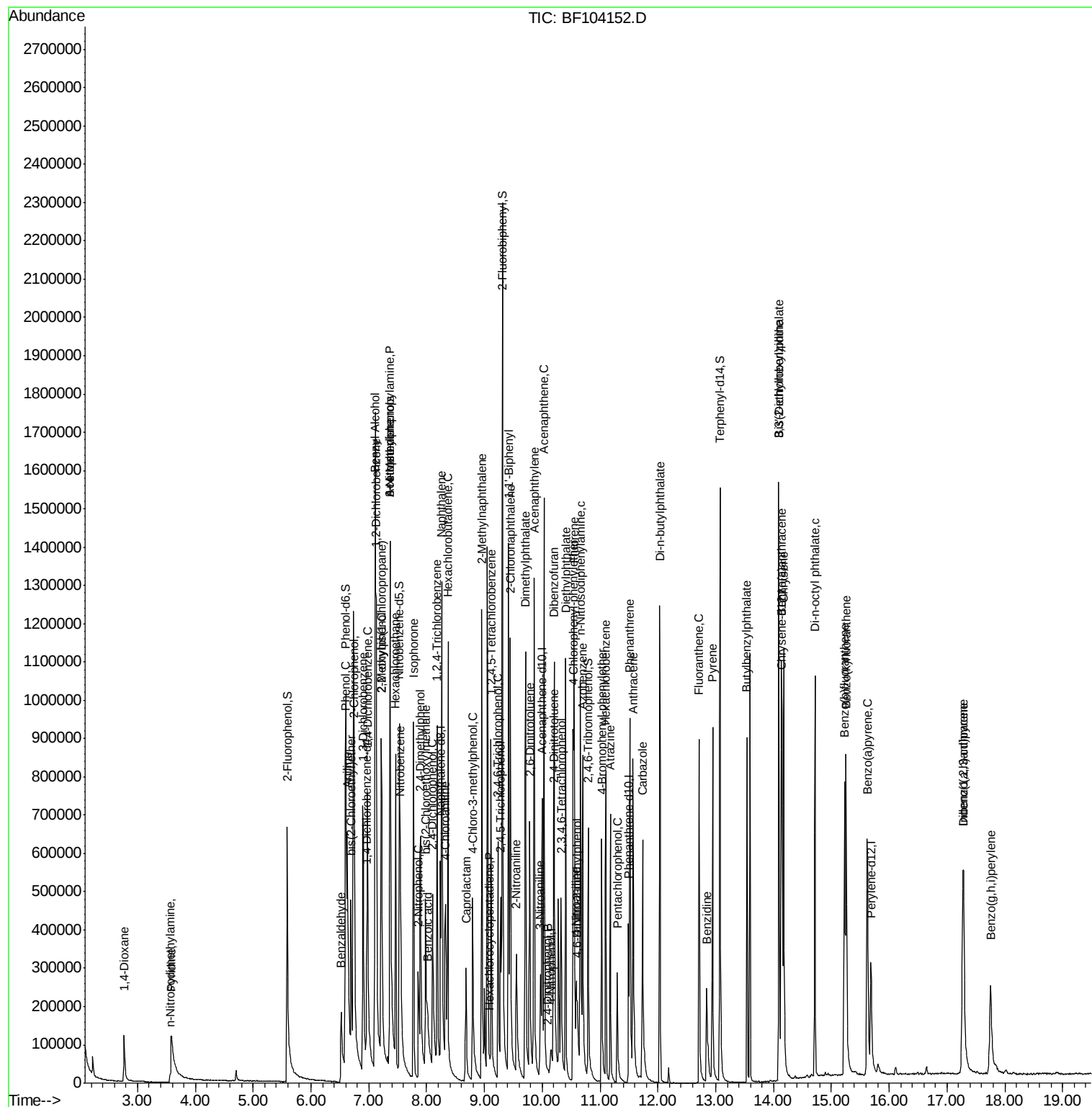
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	106559	38.118	nq	99
43) 2,4,5-Trichlorophenol	9.28	196	138719	41.097	nq	97
45) 1,1'-Biphenyl	9.42	154	544368	44.056	nq	99
46) 2-Chloronaphthalene	9.45	162	418399	42.927	nq	99
47) 2-Nitroaniline	9.55	65	110293	39.684	nq	98
48) Acenaphthylene	9.86	152	607500	41.142	nq	100
49) Dimethylphthalate	9.71	163	482998	42.493	nq	99
50) 2,6-Dinitrotoluene	9.79	165	95898	39.215	nq	87
51) Acenaphthene	10.03	154	359945	42.138	nq	99
52) 3-Nitroaniline	9.97	138	110590	39.340	nq	99
53) 2,4-Dinitrophenol	10.10	184	1138	6.564	nq	# 26
54) Dibenzofuran	10.20	168	490270	39.303	nq	97
55) 4-Nitrophenol	10.15	139	32546	19.309	nq	96
56) 2,4-Dinitrotoluene	10.19	165	109296	35.026	nq	96
57) Fluorene	10.55	166	393849	38.276	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	88267	34.904	nq	# 86
59) Diethylphthalate	10.40	149	454714	41.759	nq	99
60) 4-Chlorophenyl-phenylether	10.53	204	194621	41.182	nq	100
61) 4-Nitroaniline	10.59	138	89548	34.044	nq	87
62) Azobenzene	10.70	77	373976	37.981	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	15653	12.270	nq	89
65) n-Nitrosodiphenylamine	10.66	169	349268	48.937	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	101920	45.205	nq	93
67) Hexachlorobenzene	11.10	284	110979	42.791	nq	# 89
68) Atrazine	11.18	200	97770	44.715	nq	97
69) Pentachlorophenol	11.30	266	51755	36.264	nq	96
70) Phenanthrene	11.52	178	449855	39.427	nq	98
71) Anthracene	11.57	178	523232	43.903	nq	99
72) Carbazole	11.73	167	455052	40.005	nq	99
73) Di-n-butylphthalate	12.03	149	622724	45.961	nq	99
74) Fluoranthene	12.71	202	461769	38.074	nq	98
76) Benzidine	12.84	184	209383	39.941	nq	99
77) Pyrene	12.94	202	470854	35.607	nq	98
79) Butylbenzylphthalate	13.54	149	219041	35.159	nq	100
80) Benzo(a)anthracene	14.14	228	432057	37.537	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	167121	43.864	nq	99
82) Chrysene	14.17	228	488439	43.325	nq	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	300059	37.276	nq	100
84) Di-n-octyl phthalate	14.72	149	526830	38.047	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.28	276	367498	31.457	nq	95
87) Benzo(b)fluoranthene	15.23	252	439743	41.353	nq	98
88) Benzo(k)fluoranthene	15.26	252	488455	48.762	nq	98
89) Benzo(a)pyrene	15.62	252	405070	41.106	nq	99
90) Dibenzo(a,h)anthracene	17.29	278	318548	34.963	nq	98
91) Benzo(g,h,i)perylene	17.76	276	279121	30.586	nq	95

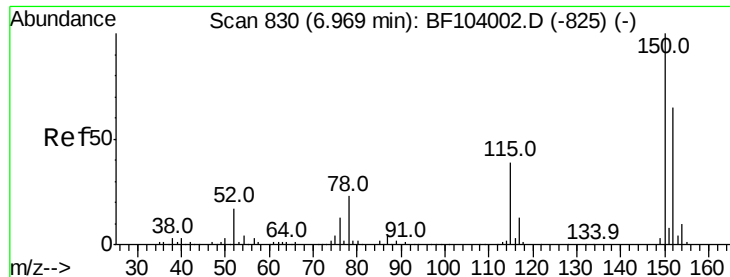
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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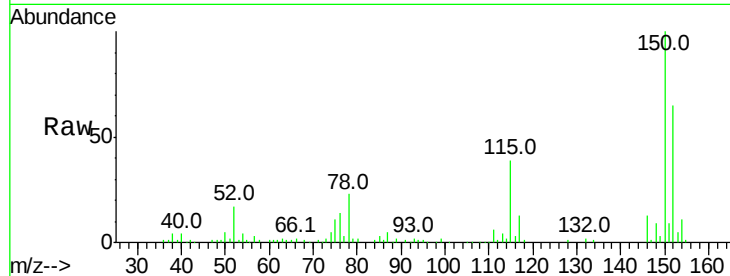


#1

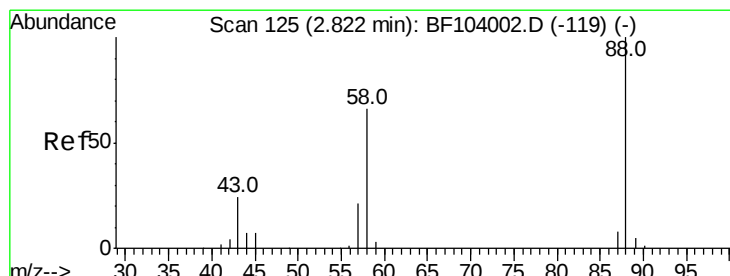
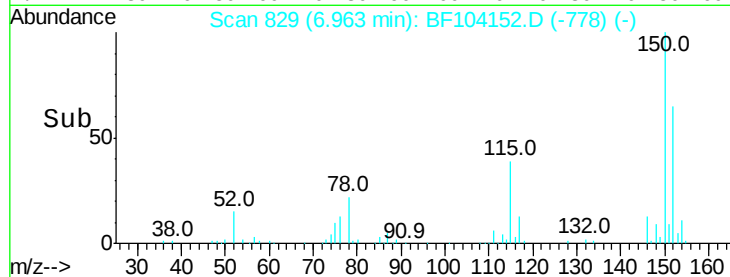
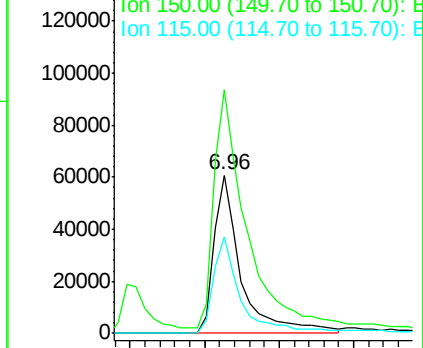
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76924
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 60.6 50.1 75.1



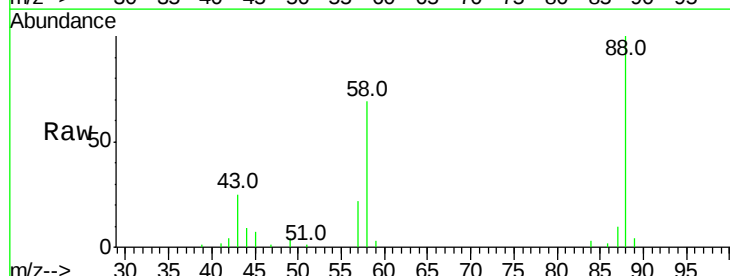
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



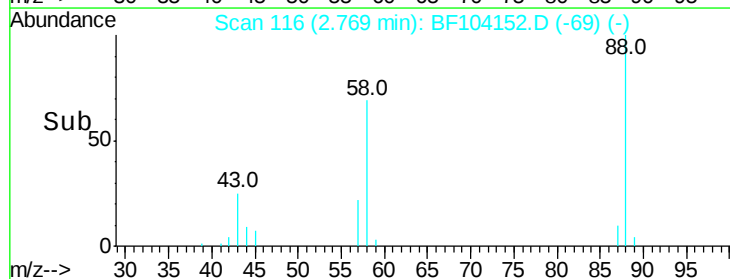
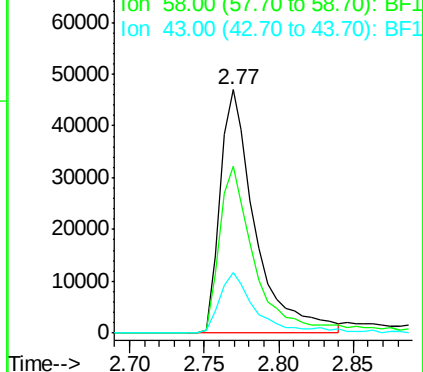
#2

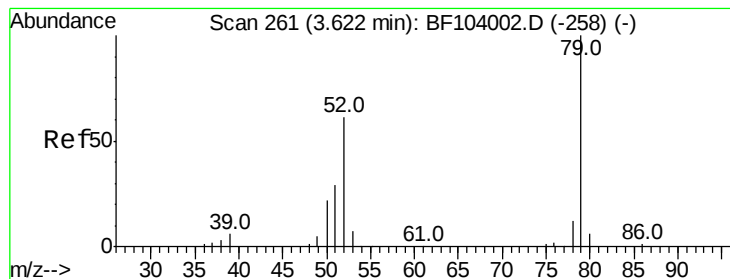
1,4-Dioxane
Concen: 37.322 ng
RT: 2.77 min Scan# 116
Delta R.T. -0.02 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion: 88 Resp: 77644
Ion Ratio Lower Upper
88 100
58 71.0 62.6 93.8
43 25.6 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: 35.119 ng

RT: 3.59 min Scan# 255

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

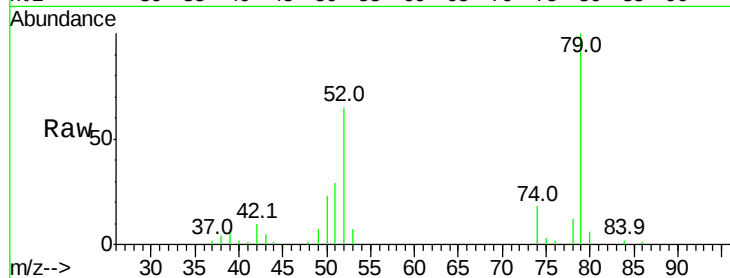
Tot Ion: 79 Resp: 184958

Ion Ratio Lower Upper

79 100

52 64.7 59.8 89.6

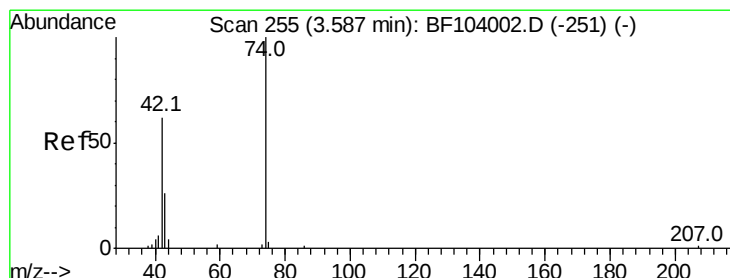
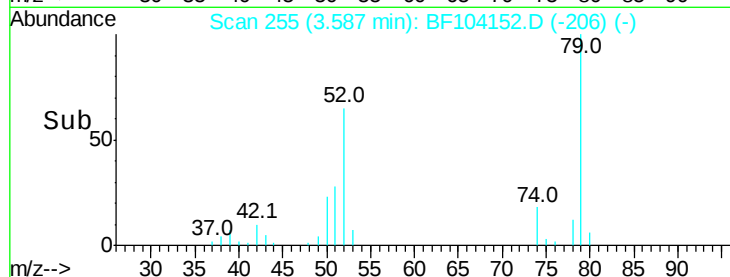
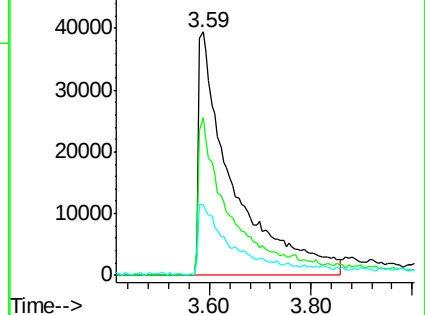
51 29.1 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 17.263 ng

RT: 3.56 min Scan# 251

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

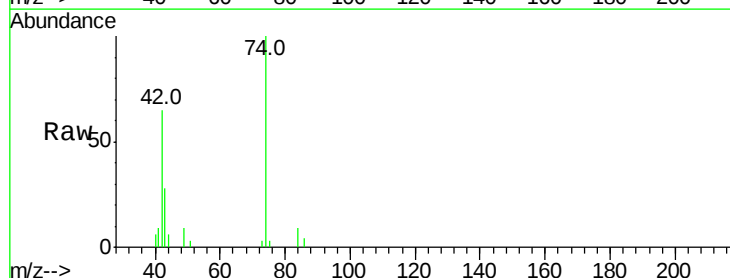
Tgt Ion: 42 Resp: 27024

Ion Ratio Lower Upper

42 100

74 154.5 104.9 157.3

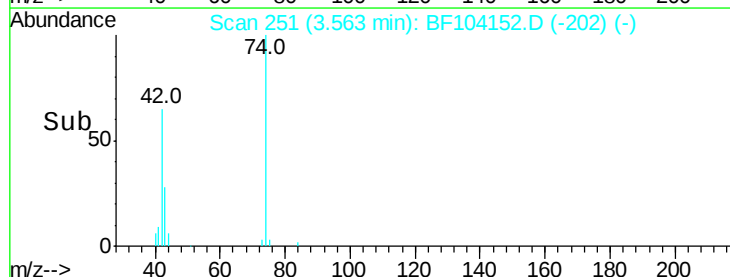
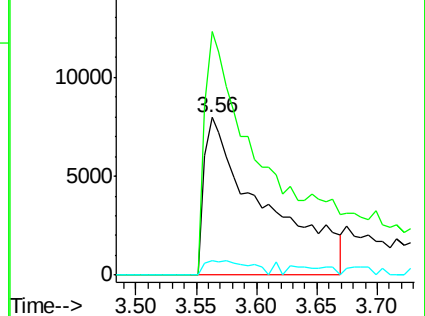
44 9.0 6.9 10.3

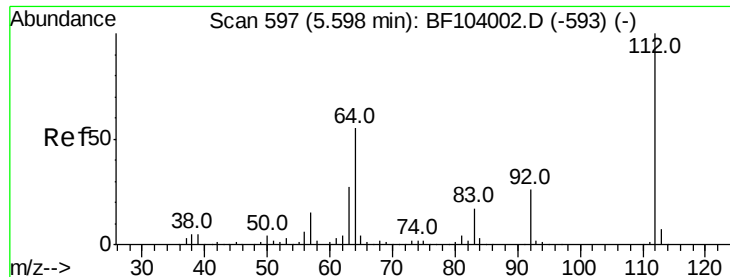


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.721 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

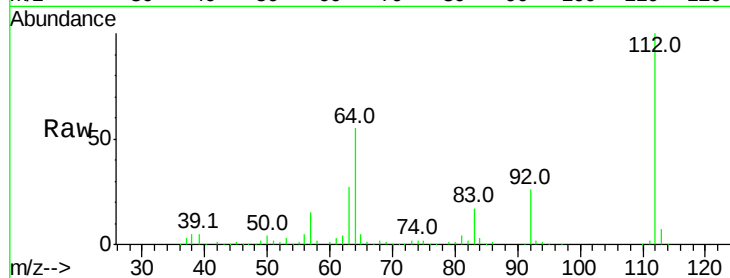
Tot Ion:112 Resp: 384540

Ion Ratio Lower Upper

112 100

64 54.5 47.9 71.9

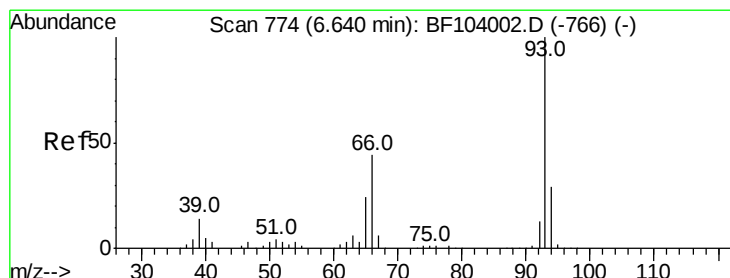
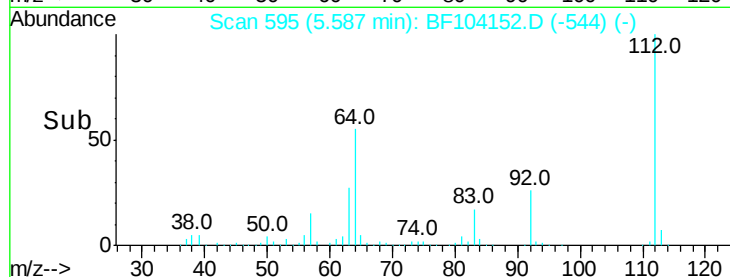
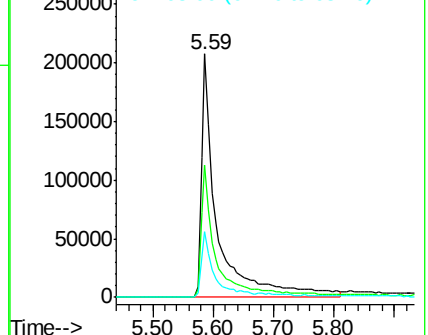
63 26.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.102 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

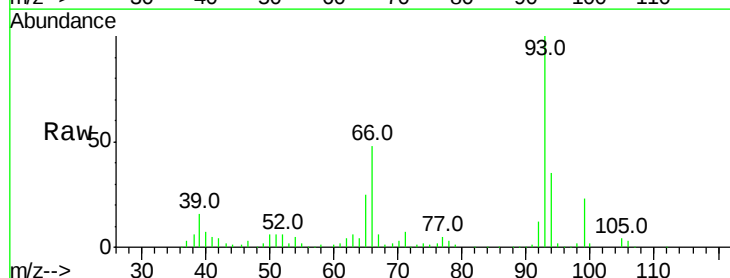
Tgt Ion: 93 Resp: 284895

Ion Ratio Lower Upper

93 100

66 48.1 32.2 48.2

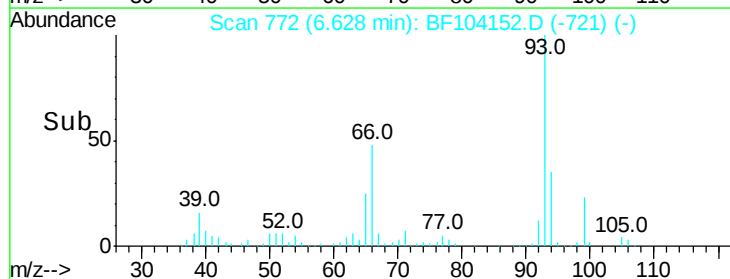
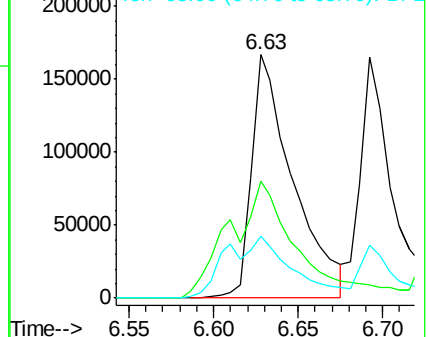
65 25.4 16.4 24.6#

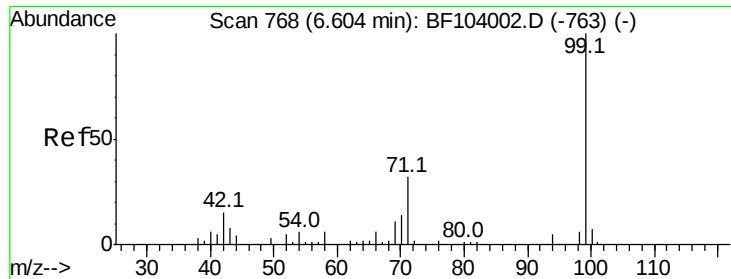


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.703 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104152.D

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ClientSampleId :

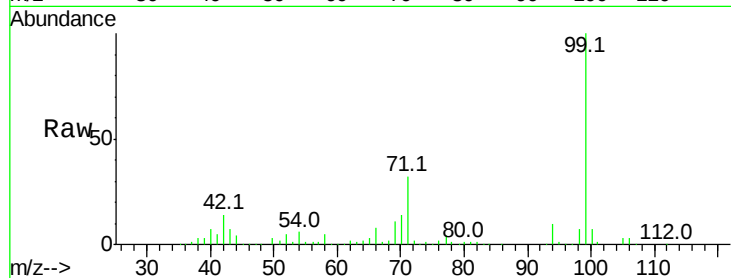
Tot Ion: 99 Resp: 496730

Ion Ratio Lower Upper

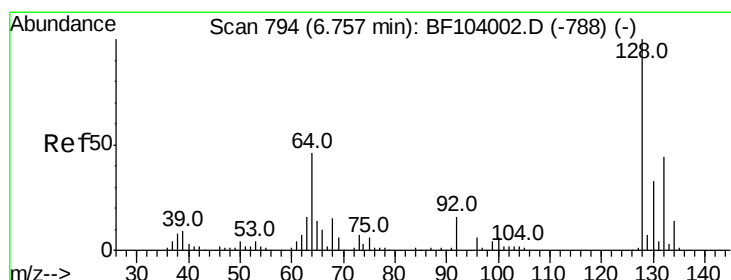
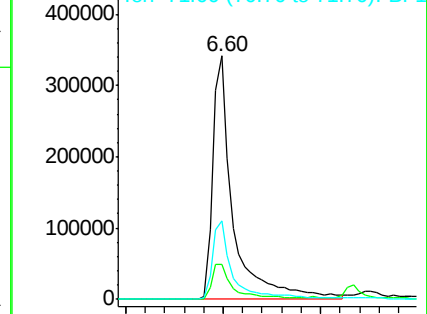
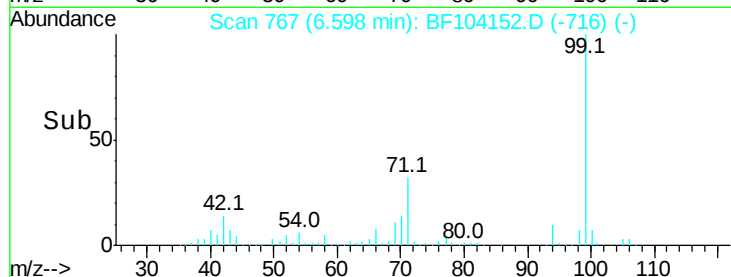
99 100

42 14.3 14.5 21.7#

71 32.0 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: 44.599 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

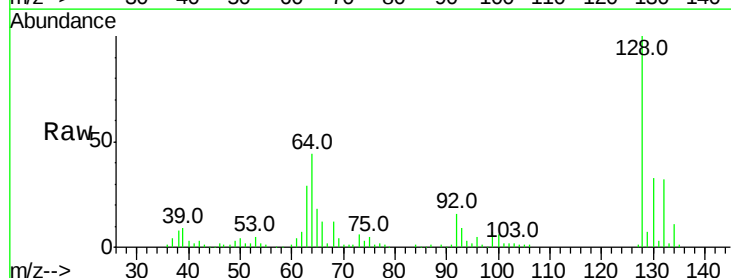
Tgt Ion: 128 Resp: 235985

Ion Ratio Lower Upper

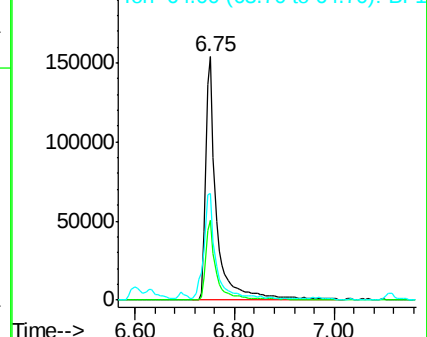
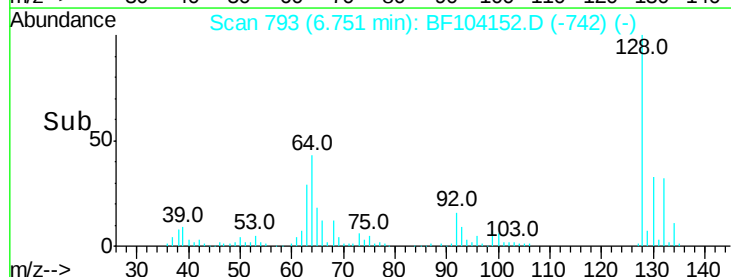
128 100

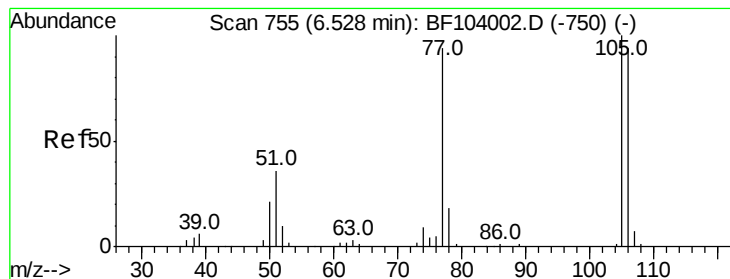
130 32.9 13.0 53.0

64 43.6 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: 24.827 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

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Acq: 3 Apr 2018 1:19

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ClientSampleId :

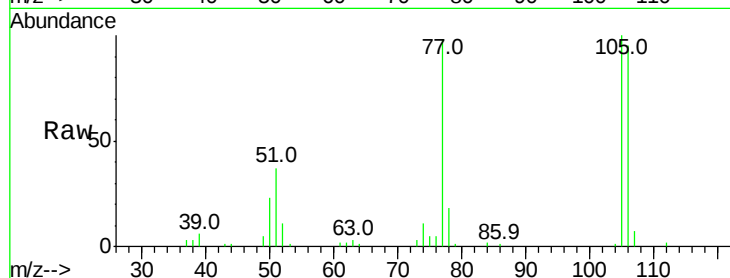
Tot Ion: 77 Resp: 86044

Ion Ratio Lower Upper

77 100

105 101.7 81.1 121.1

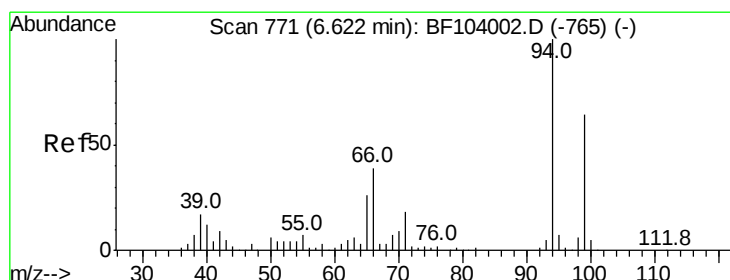
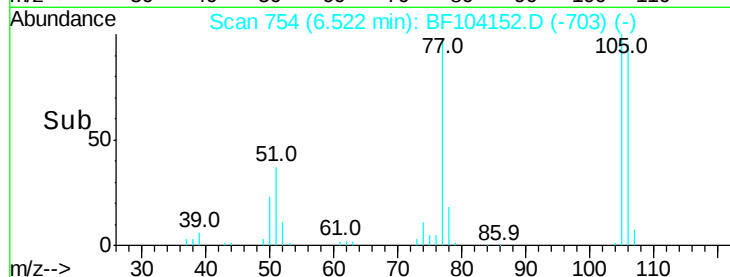
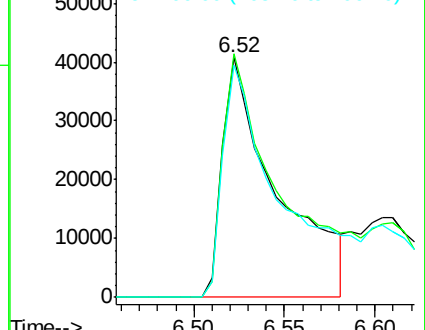
106 96.7 74.5 114.5



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: 39.460 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

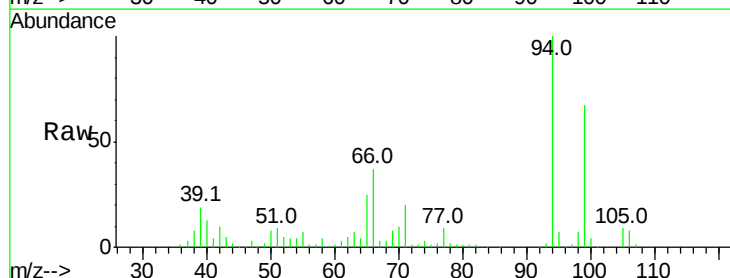
Tgt Ion: 94 Resp: 259468

Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

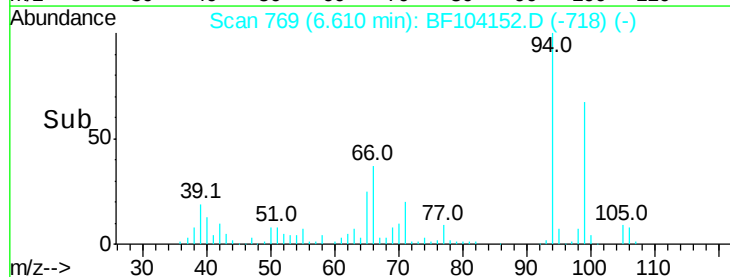
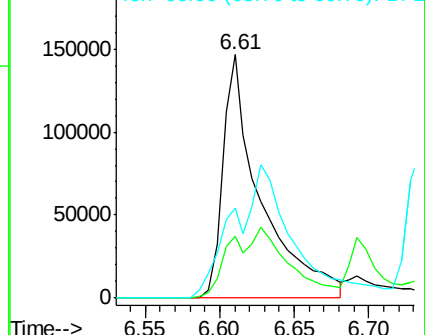
66 36.8 16.2 56.2

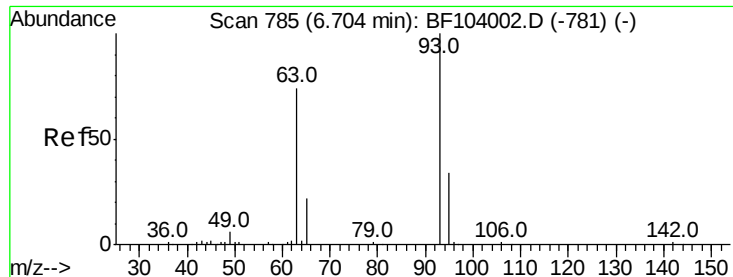


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 48.654 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampled :

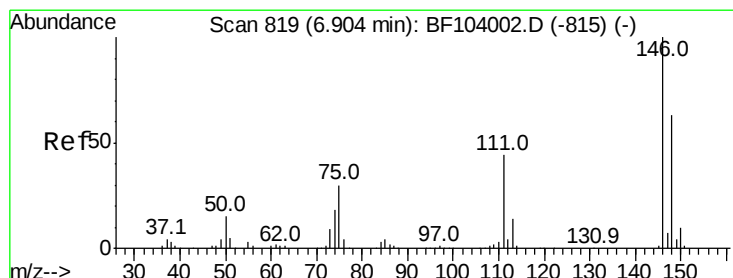
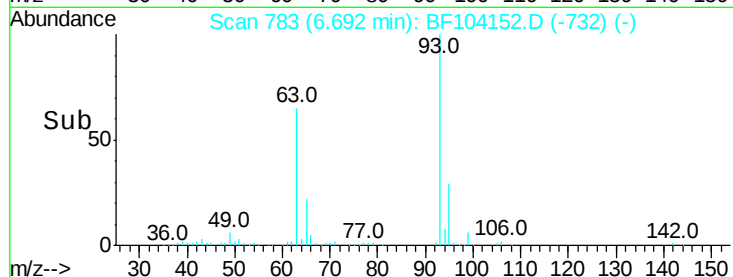
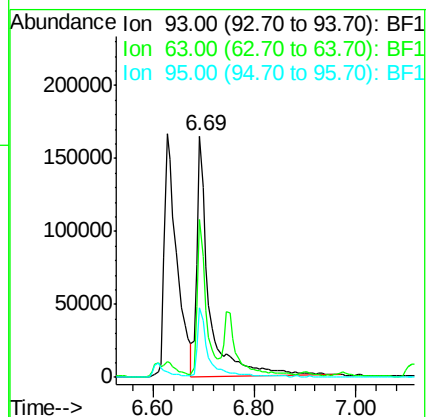
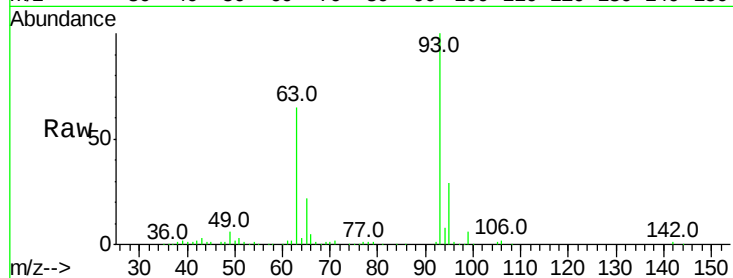
Tot Ion: 93 Resp: 275681

Ion Ratio Lower Upper

93 100

63 65.4 58.6 98.6

95 28.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.310 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

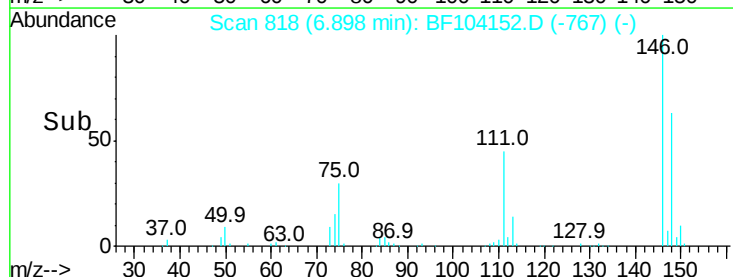
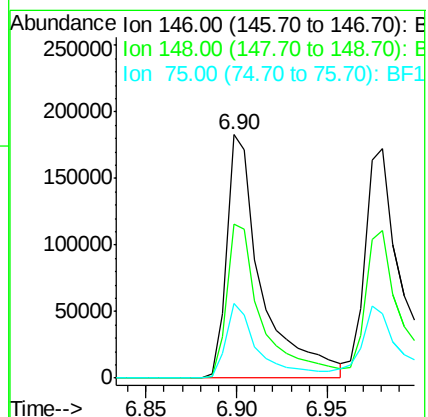
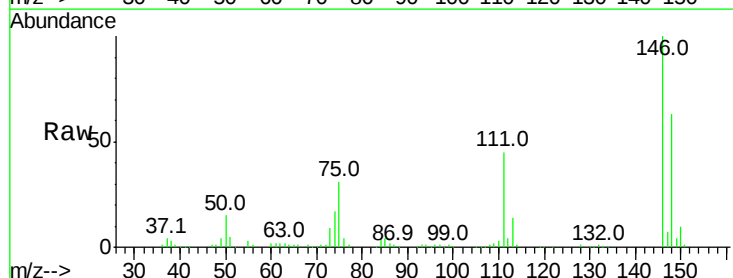
Tgt Ion: 146 Resp: 245705

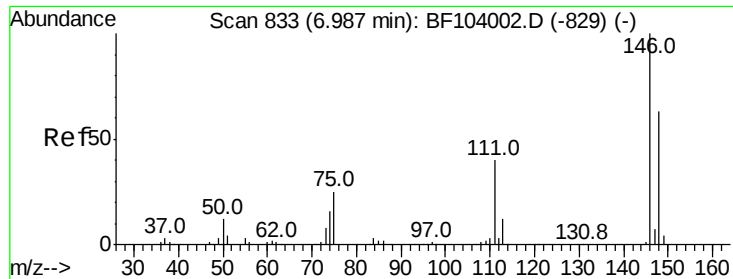
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

75 30.7 24.2 36.4

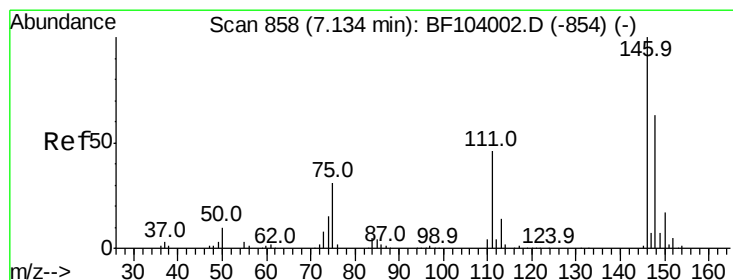
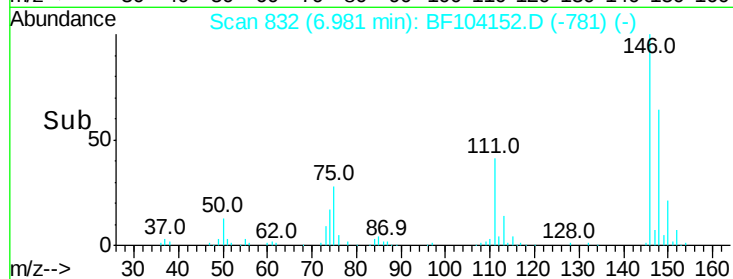
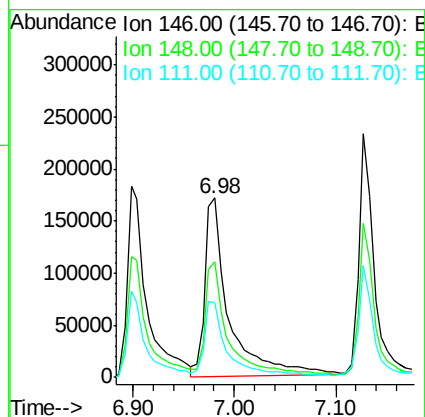
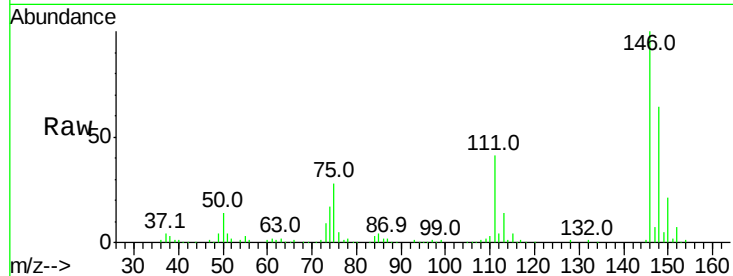




#13
 1,4-Dichlorobenzene
 Concen: 44.459 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

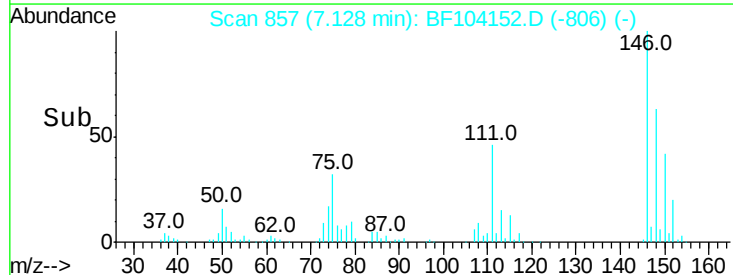
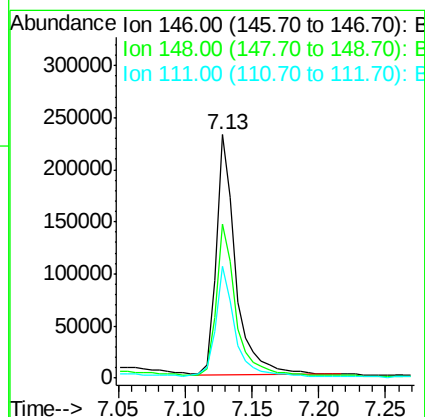
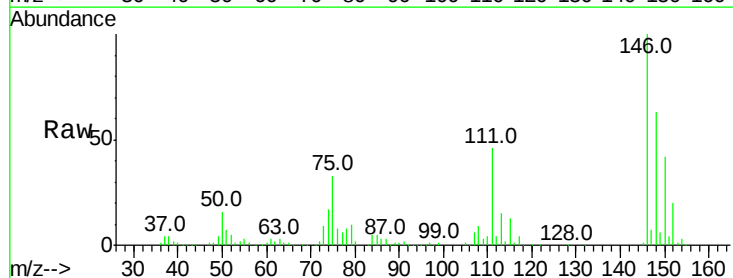
Instrument :
 BNA_F
 ClientSampleID :

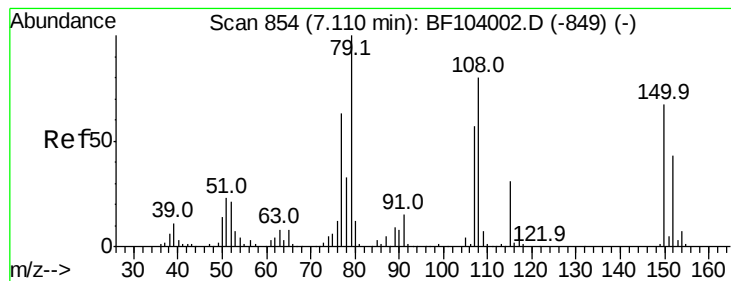
Tot Ion:146 Resp: 283340
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 41.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.749 ng
 RT: 7.13 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:146 Resp: 239152
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 45.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.839 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :
BNA_F
ClientSampleId :

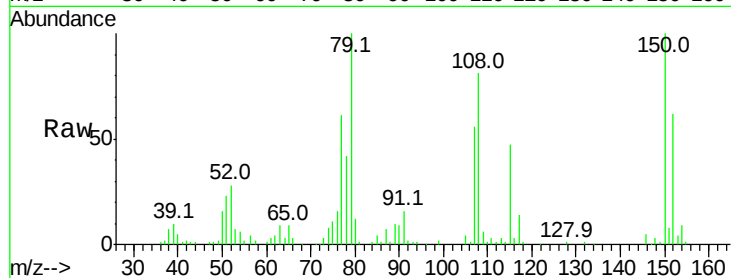
Tot Ion: 79 Resp: 157576

Ion Ratio Lower Upper

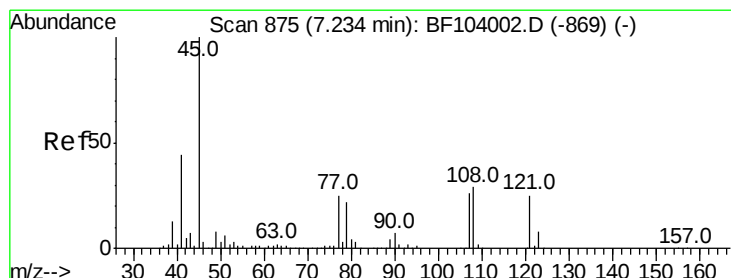
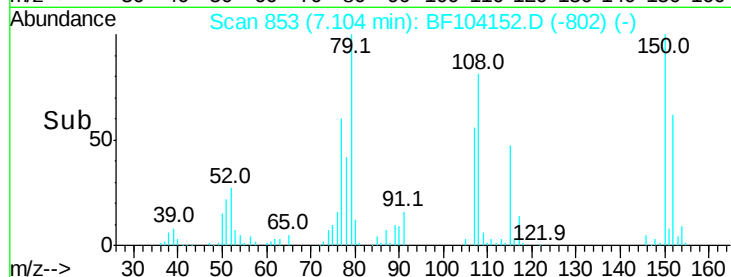
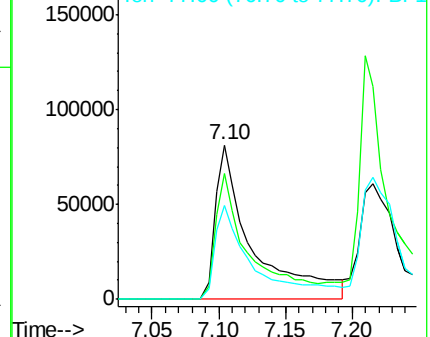
79 100

108 81.3 65.1 97.7

77 61.2 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.889 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

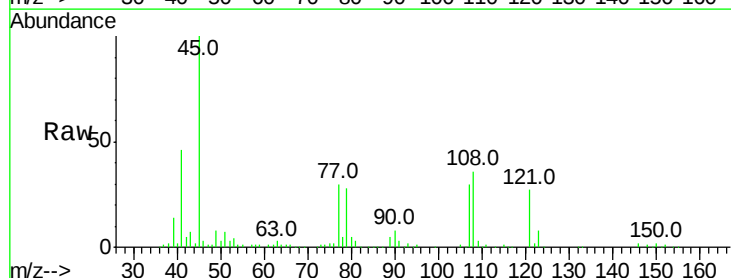
Tgt Ion: 45 Resp: 264751

Ion Ratio Lower Upper

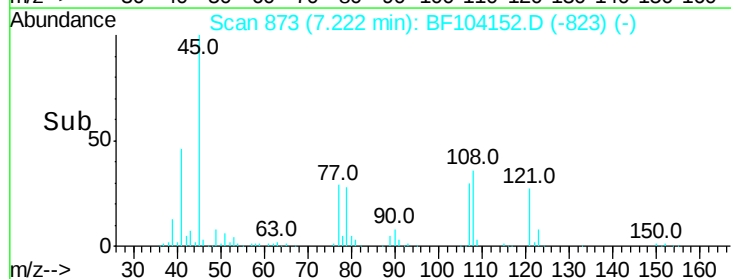
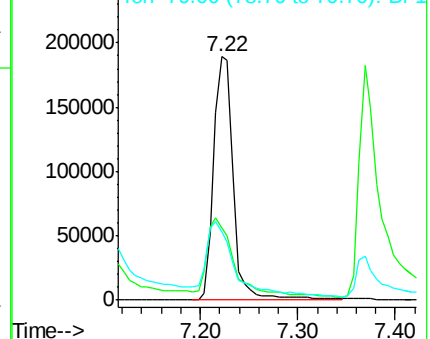
45 100

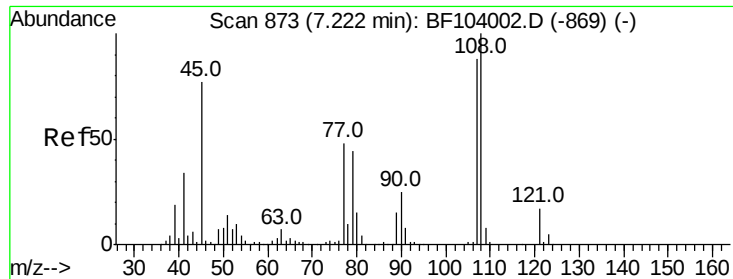
77 29.8 0.0 32.9

79 27.8 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

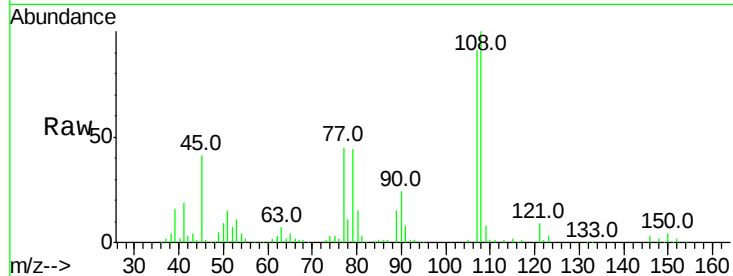




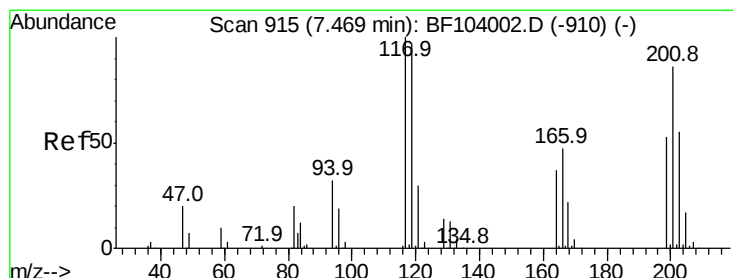
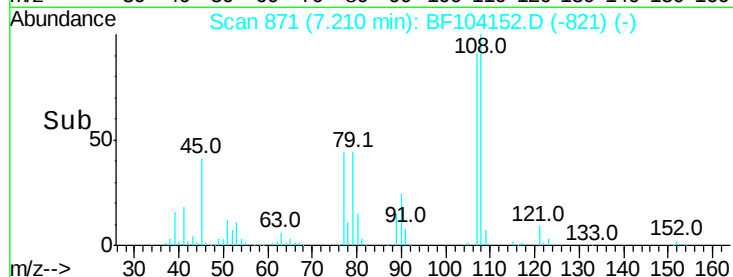
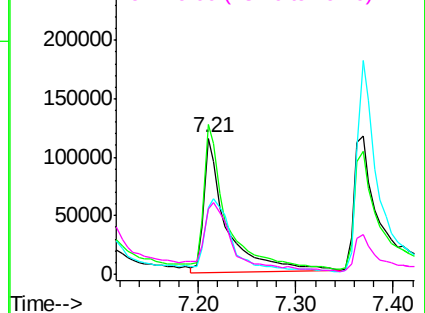
#17
2-Methylphenol
Concen: 42.242 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 181917
Ion Ratio Lower Upper
107 100
108 110.3 91.7 137.5
77 49.3 33.8 50.8
79 48.0 33.8 50.8

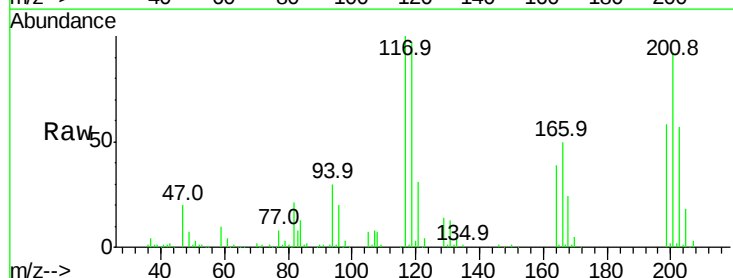


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

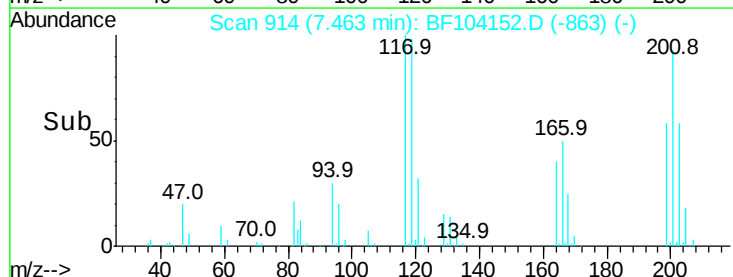
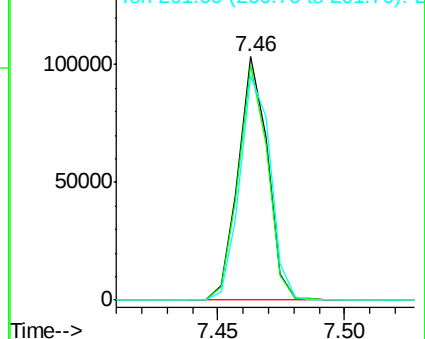


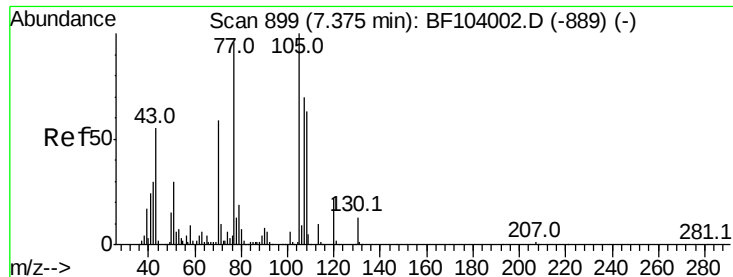
#18
Hexachloroethane
Concen: 38.959 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion:117 Resp: 83130
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 92.0 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

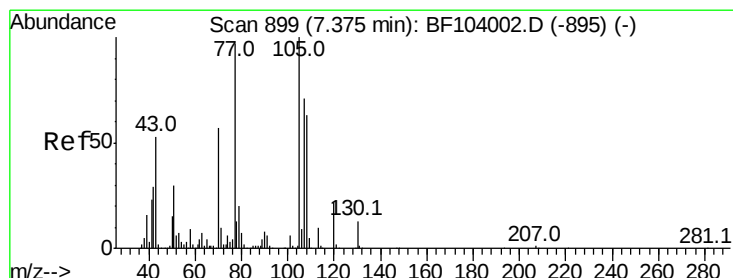
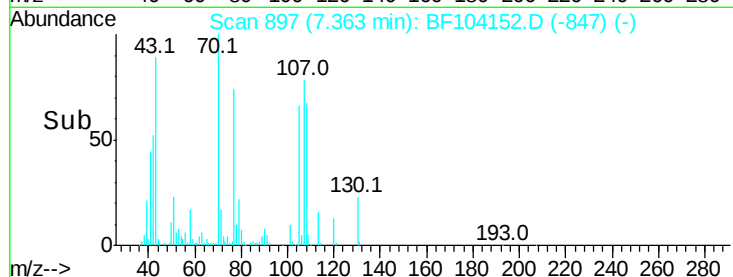
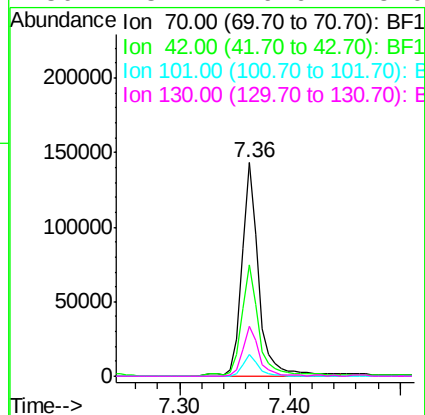
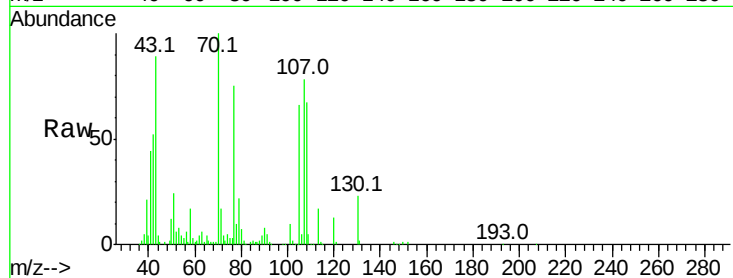




#19
n-Nitroso-di-n-propylamine
Concen: 44.095 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

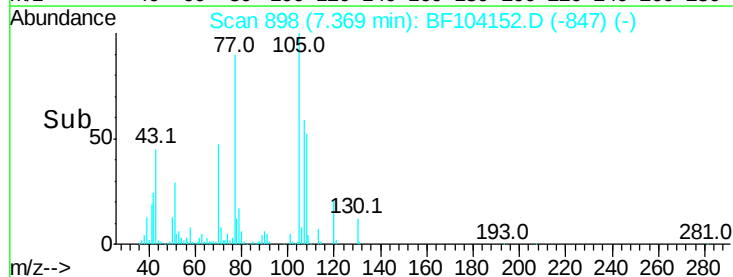
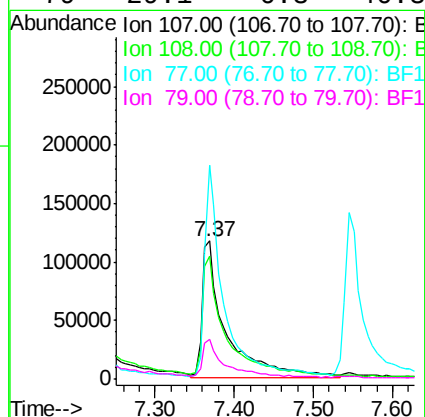
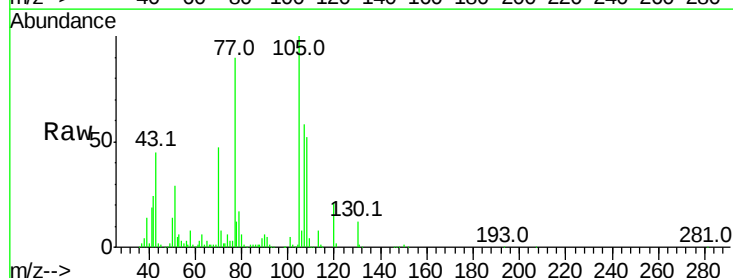
Instrument :
BNA_F
ClientSampleId :

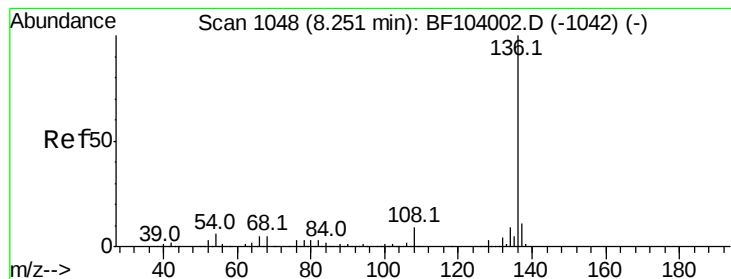
Tot Ion: 70 Resp: 155298
Ion Ratio Lower Upper
70 100
42 51.9 47.5 71.3
101 9.9 7.4 11.2
130 23.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.411 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion:107 Resp: 249588
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 154.8 26.7 66.7#
79 29.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 334684

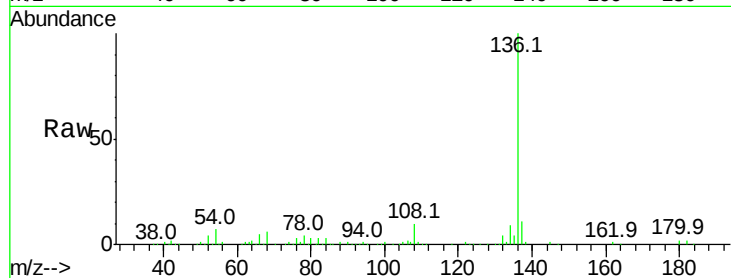
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.0 6.6 9.8

68 6.1 5.0 7.4

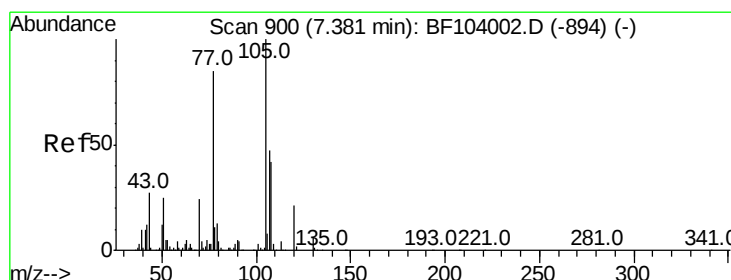
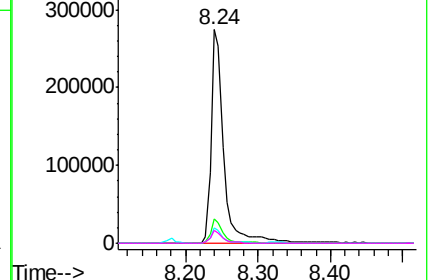
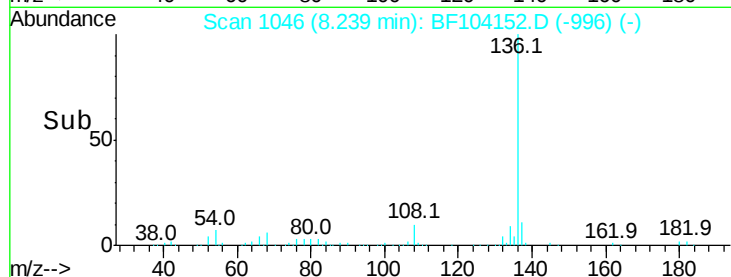


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.513 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Tgt Ion:105 Resp: 344251

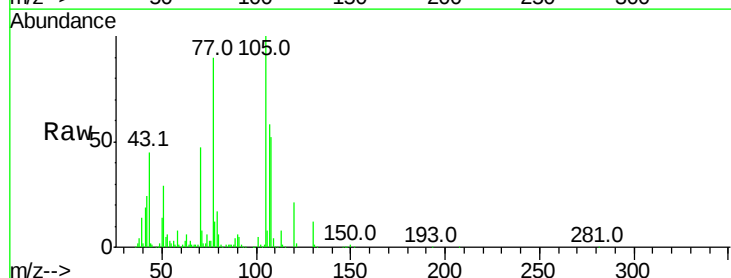
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 28.9 22.3 33.5

120 21.1 16.9 25.3

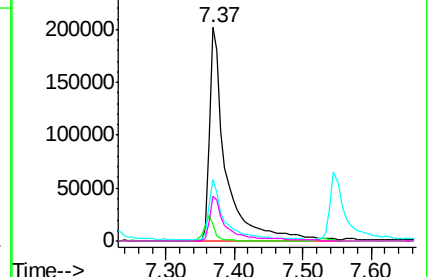
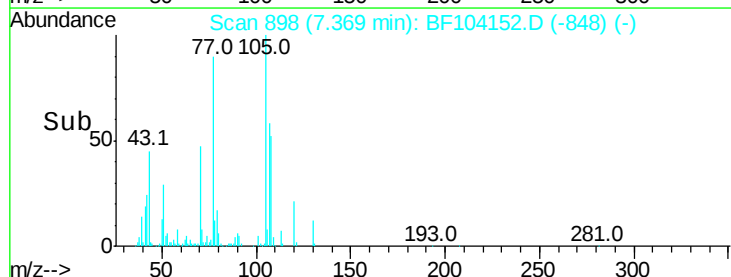


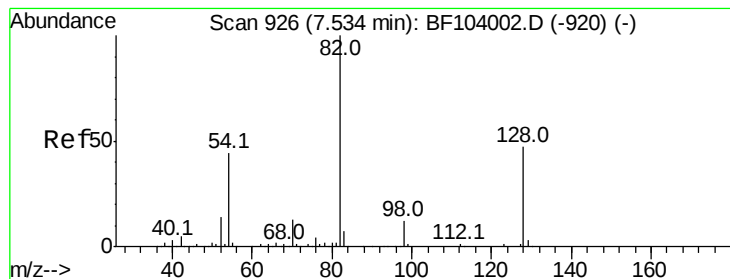
Abundance Ion 105.00 (104.70 to 105.70): E

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

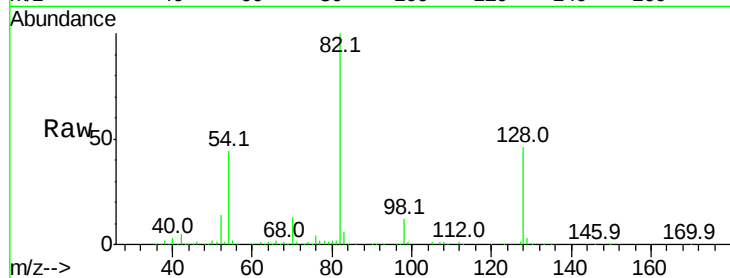




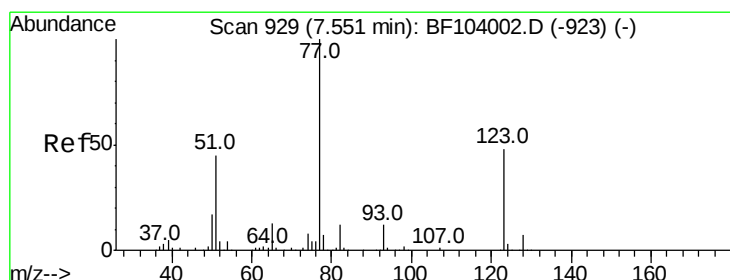
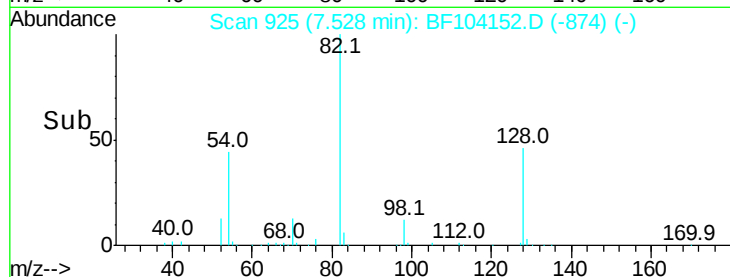
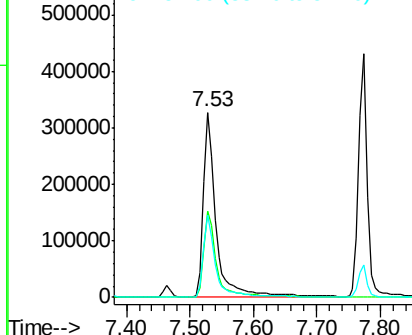
#23
 Nitrobenzene-d5
 Concen: 84.478 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 462320
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 44.5 41.4 62.2

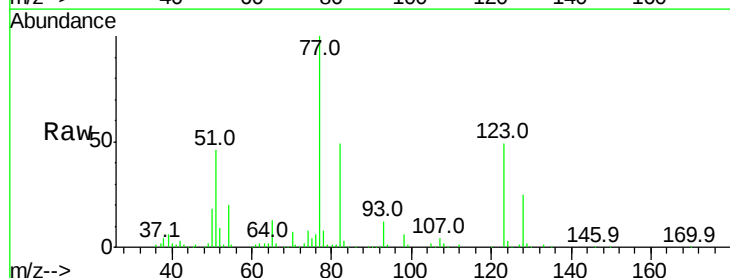


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

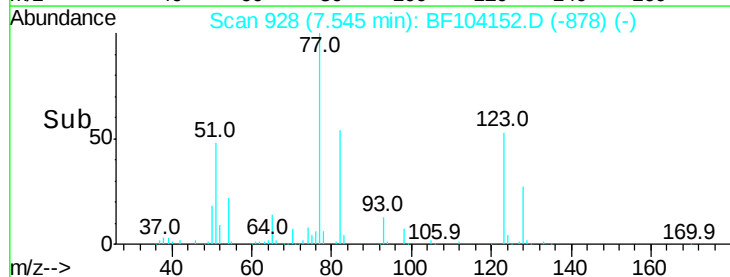
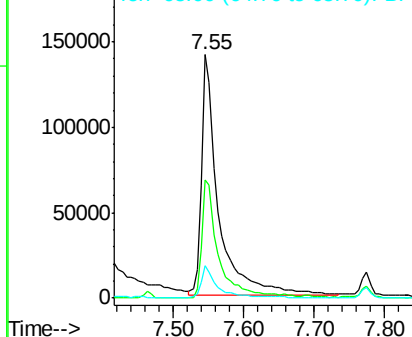


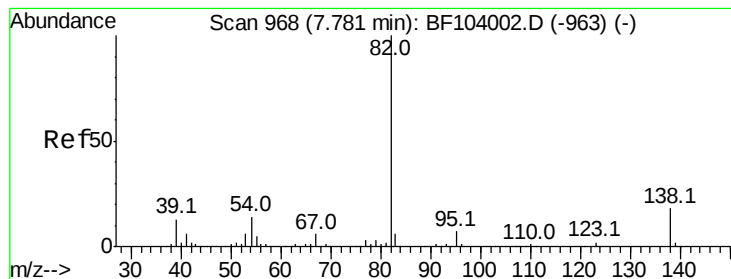
#24
 Nitrobenzene
 Concen: 40.882 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion: 77 Resp: 235407
 Ion Ratio Lower Upper
 77 100
 123 48.8 37.9 56.9
 65 13.1 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: 39.637 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

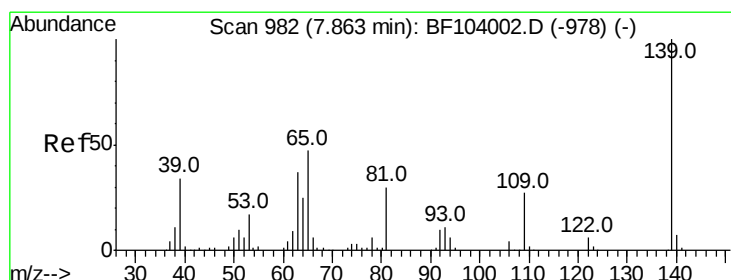
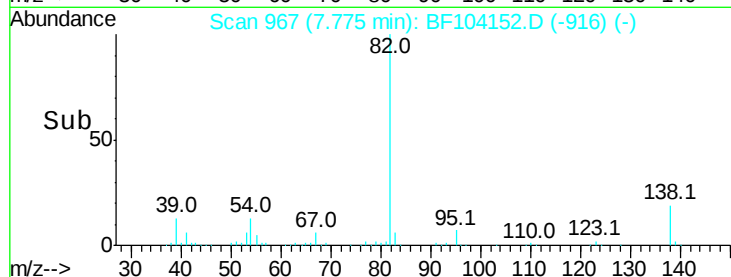
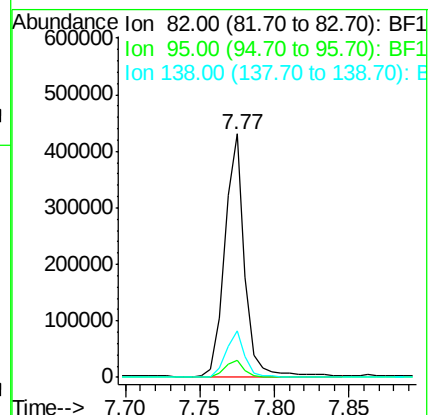
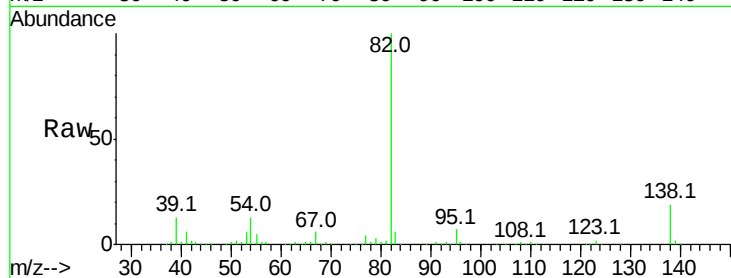
Tot Ion: 82 Resp: 399768

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 38.945 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

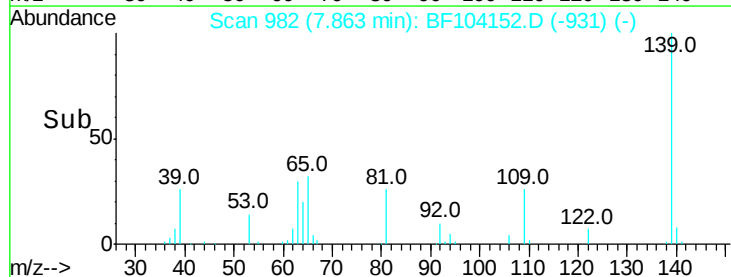
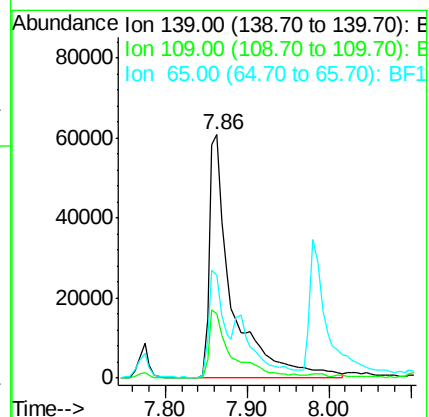
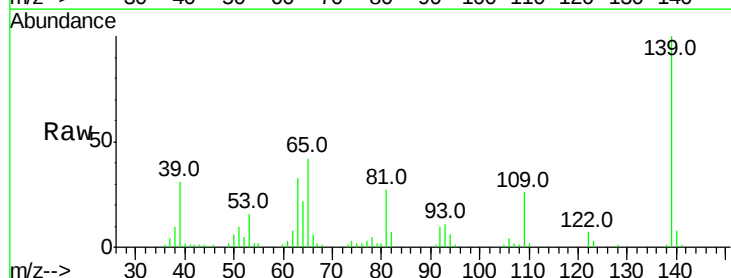
Tgt Ion: 139 Resp: 117058

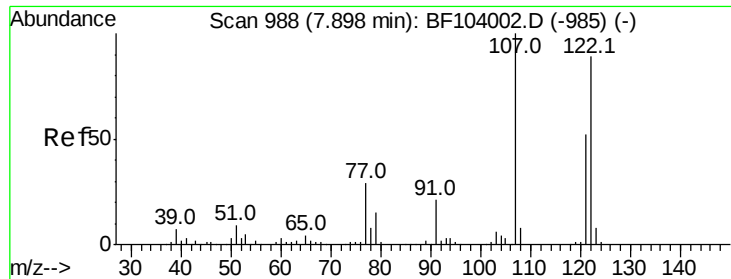
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 42.4 40.5 60.7

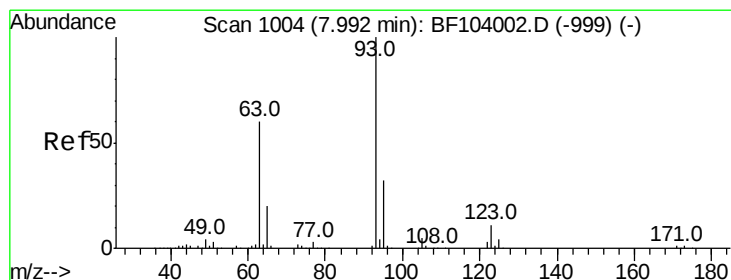
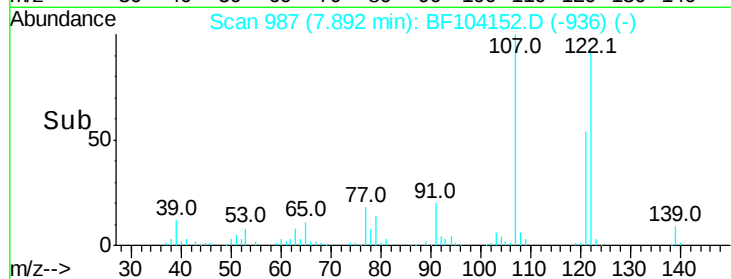
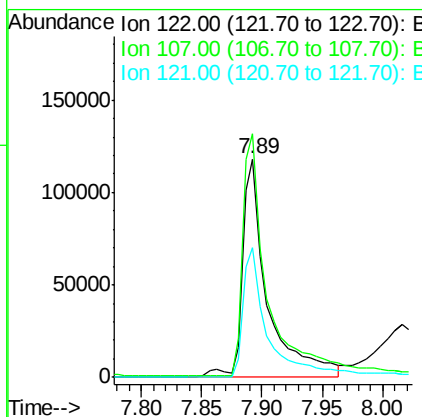
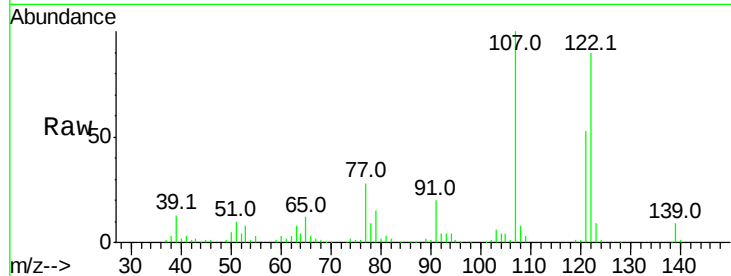




#27
2,4-Dimethylphenol
Concen: 39.464 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

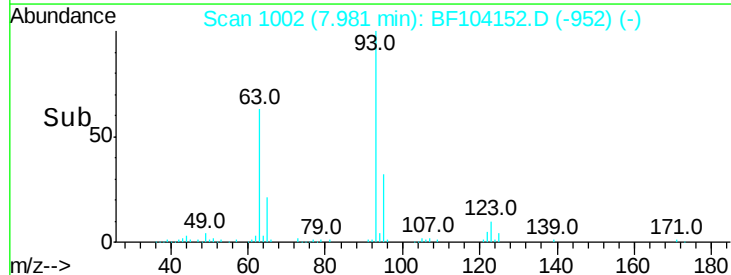
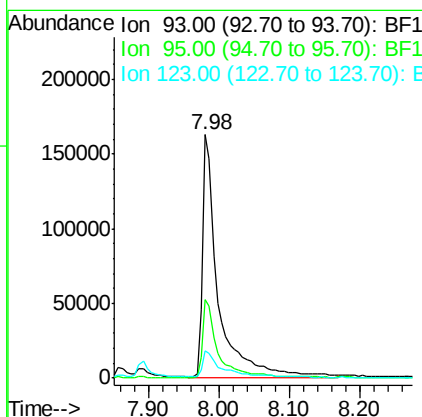
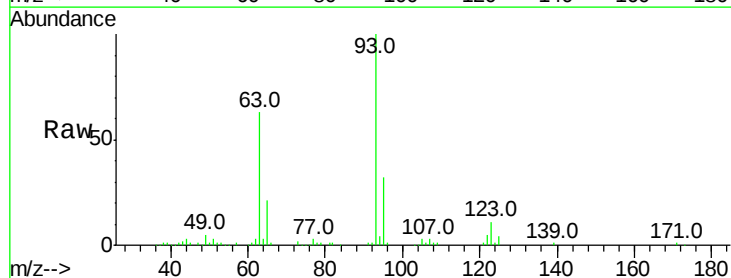
Instrument :
BNA_F
ClientSampleId :

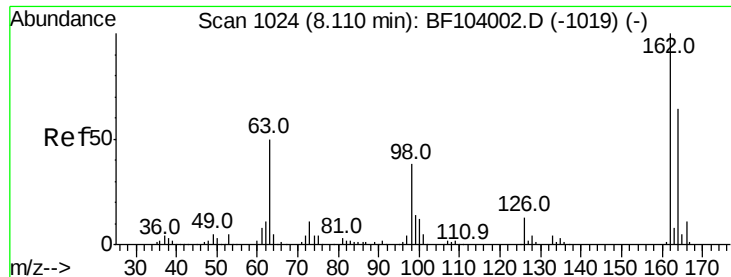
Tot Ion:122 Resp: 171069
Ion Ratio Lower Upper
122 100
107 111.5 91.2 136.8
121 59.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.044 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion: 93 Resp: 253123
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 11.2 9.8 14.6

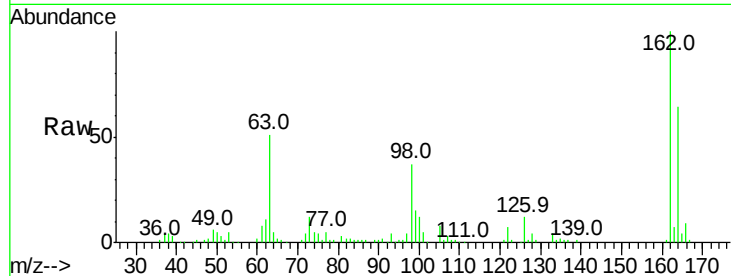




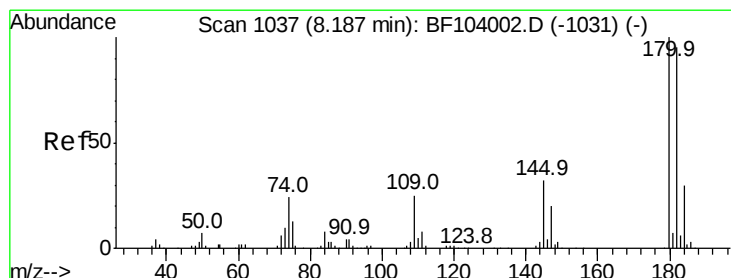
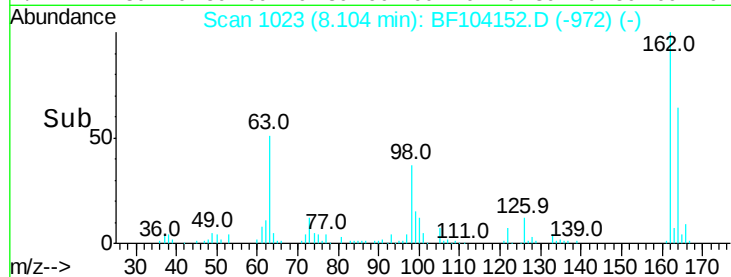
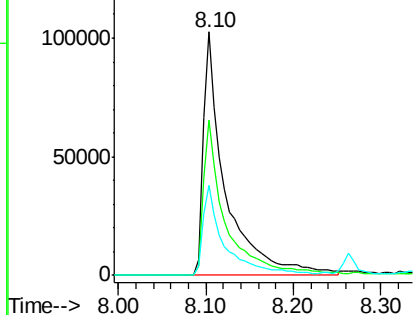
#29
 2,4-Dichlorophenol
 Concen: 39.796 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:162 Resp: 180184
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.7 82.7
 98 37.0 18.1 58.1

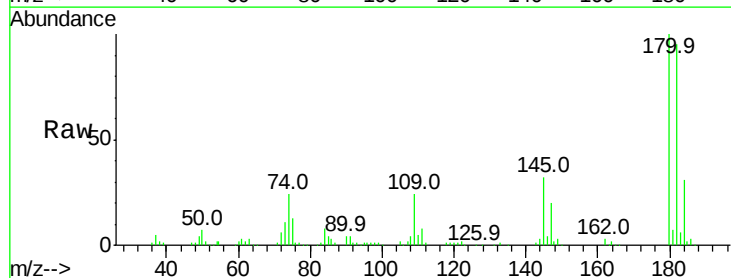


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

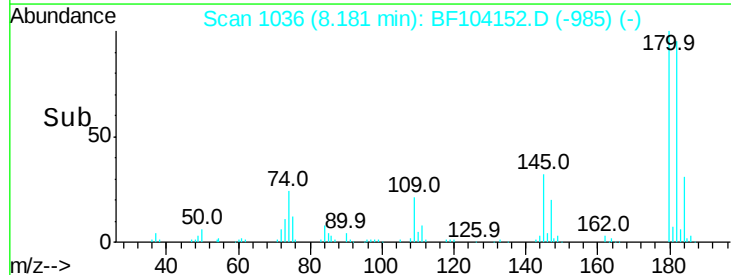
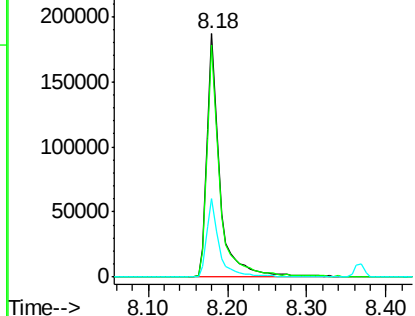


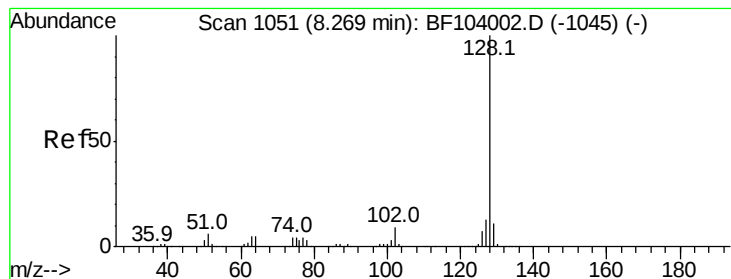
#30
 1,2,4-Trichlorobenzene
 Concen: 41.905 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:180 Resp: 215278
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.8 115.2
 145 32.4 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.714 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

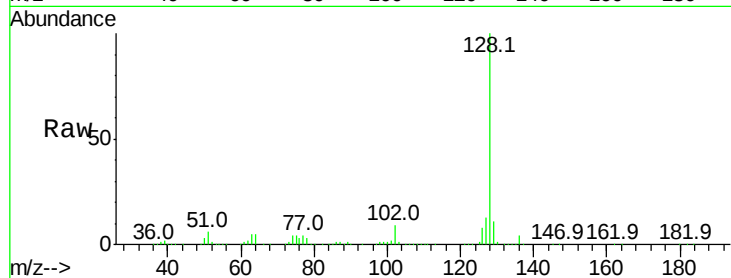
Tot Ion:128 Resp: 649338

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

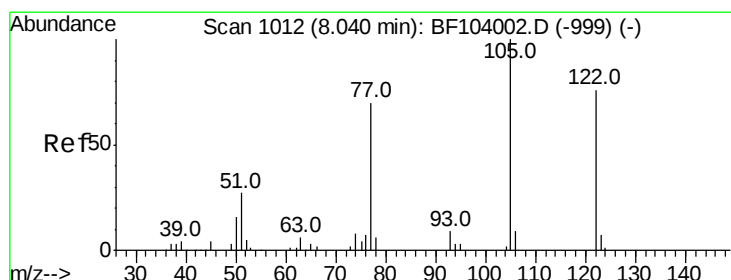
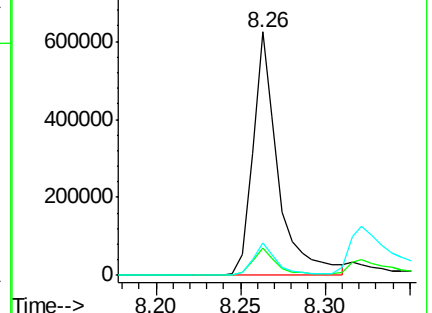
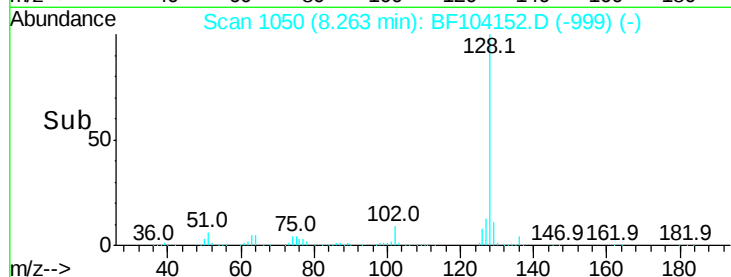
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.470 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

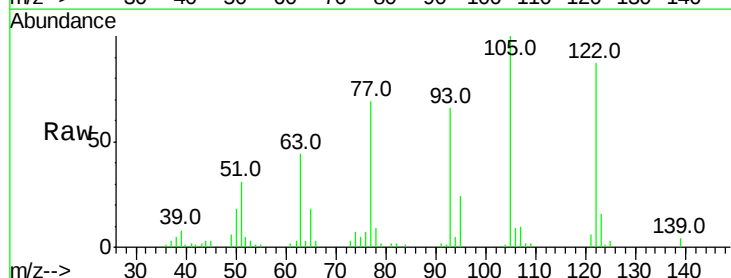
Tgt Ion:122 Resp: 103110

Ion Ratio Lower Upper

122 100

105 115.2 101.1 141.1

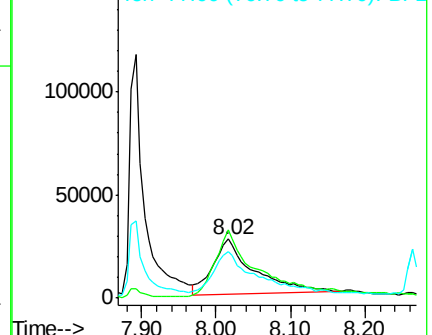
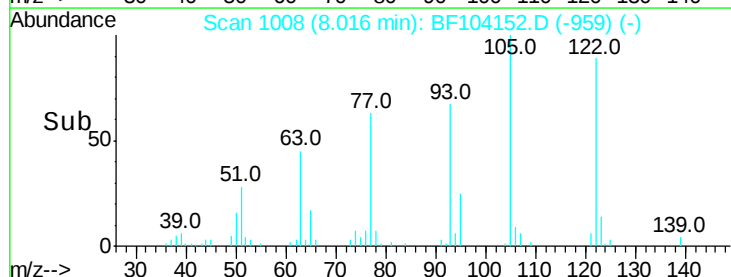
77 79.5 70.7 110.7

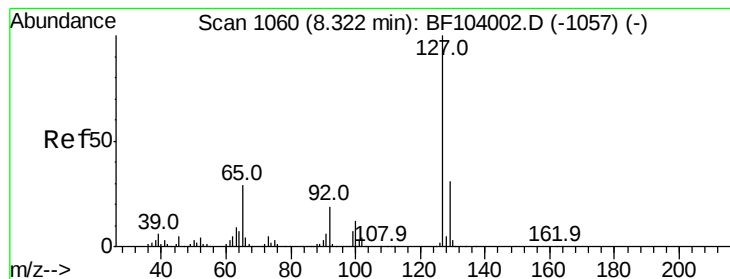


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 38.536 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 265633

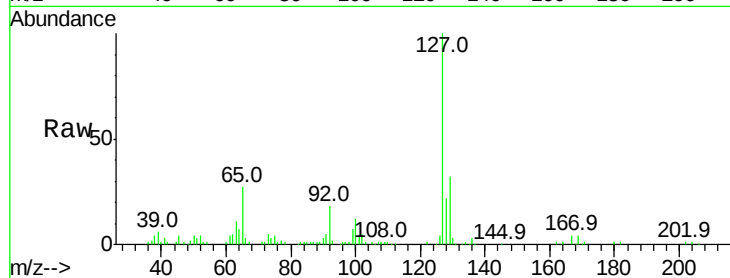
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 26.7 25.0 37.4

92 17.8 15.2 22.8

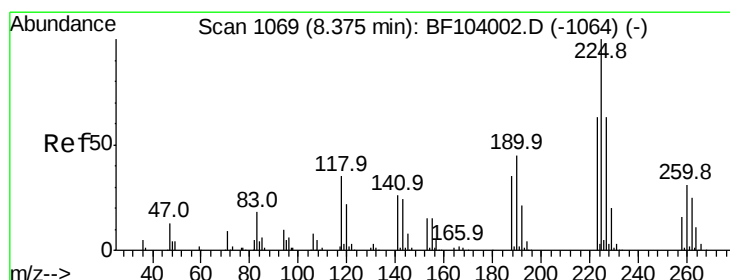
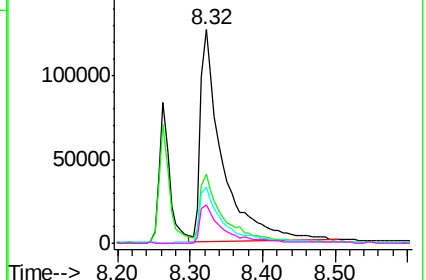
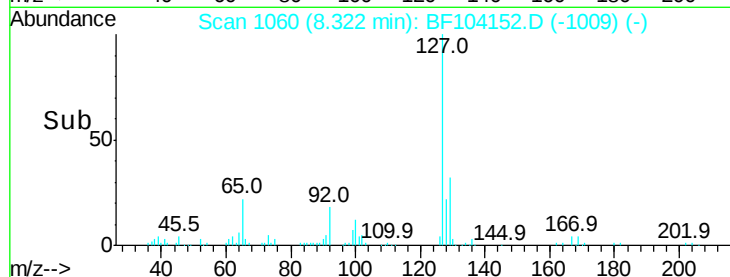


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.579 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

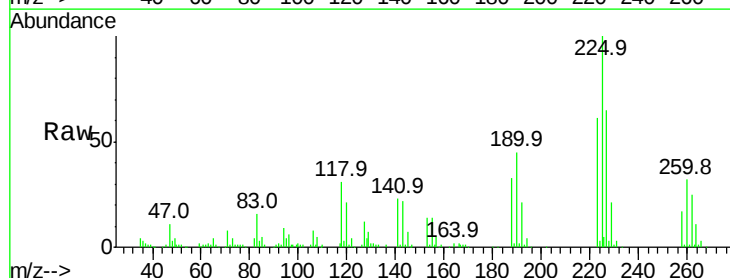
Tgt Ion:225 Resp: 119032

Ion Ratio Lower Upper

225 100

223 60.7 50.6 76.0

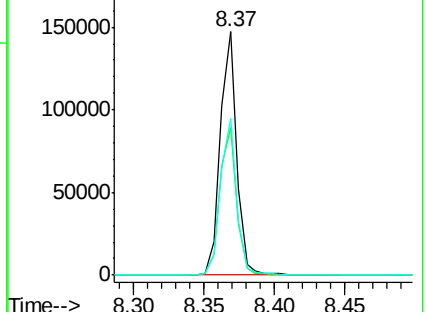
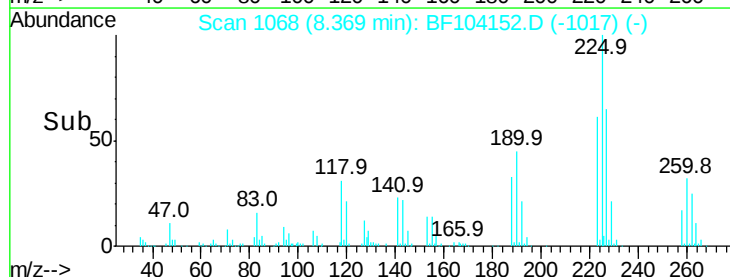
227 64.5 51.9 77.9

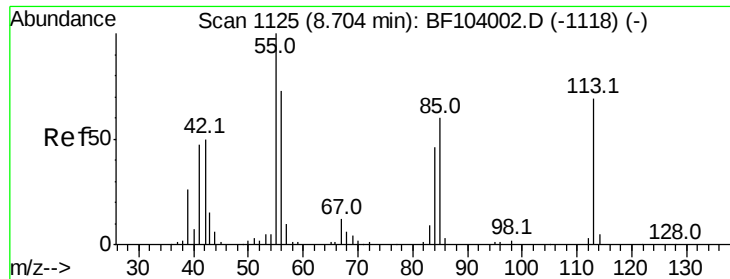


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

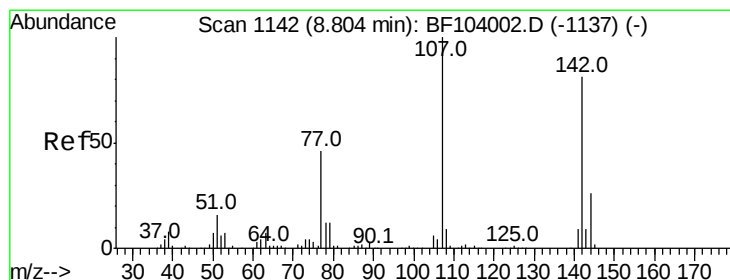
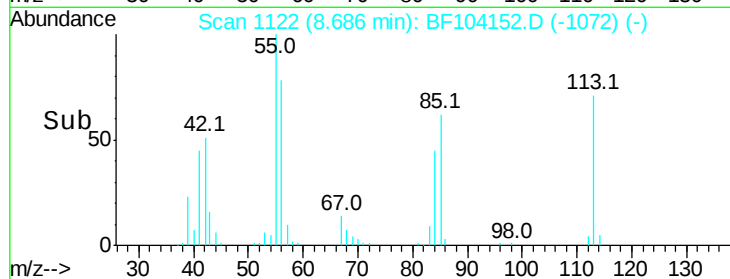
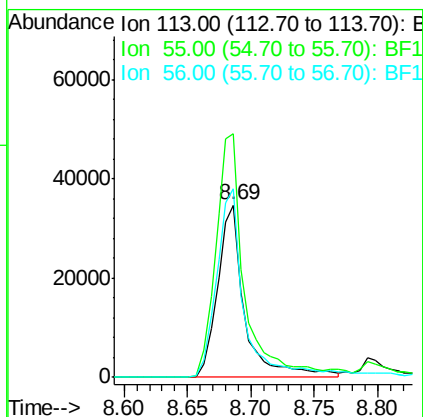
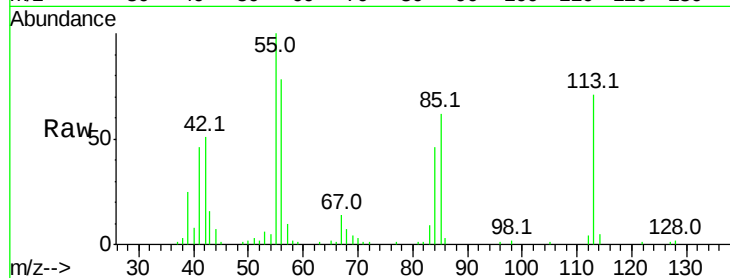




#35
 Caprolactam
 Concen: 36.290 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

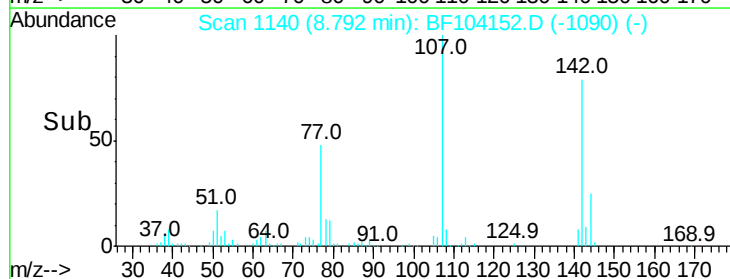
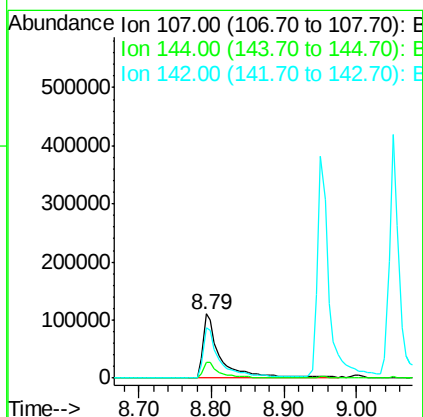
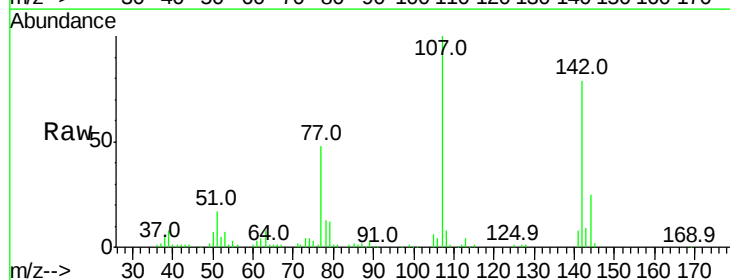
Instrument :
 BNA_F
 ClientSampleId :

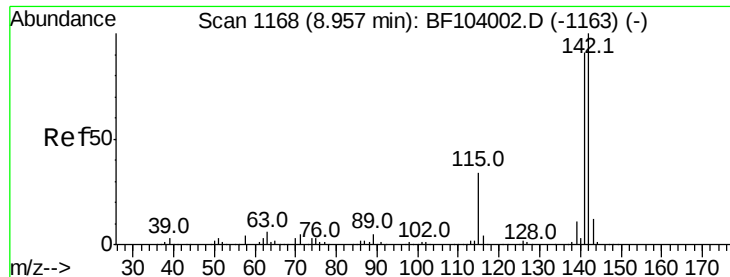
Tot Ion:113 Resp: 52100
 Ion Ratio Lower Upper
 113 100
 55 141.2 163.3 203.3#
 56 109.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 38.984 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:107 Resp: 186700
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 78.6 62.0 93.0

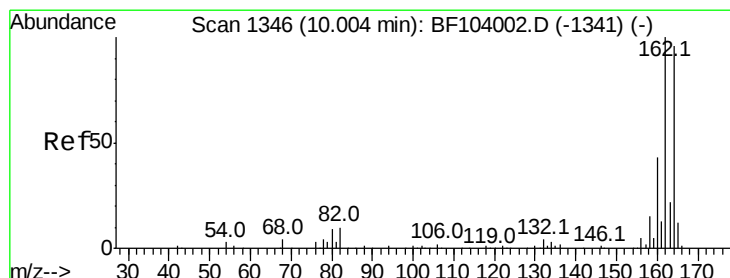
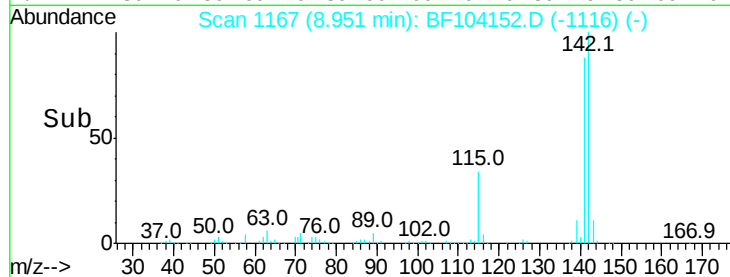
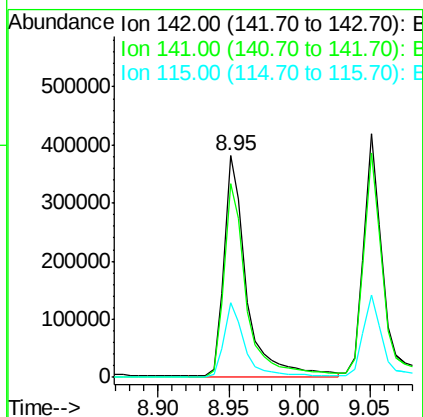
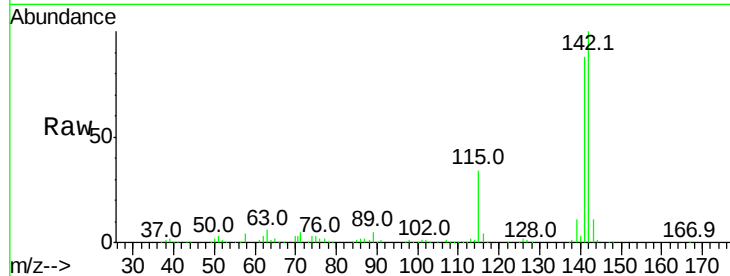




#37
2-Methylnaphthalene
Concen: 39.321 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

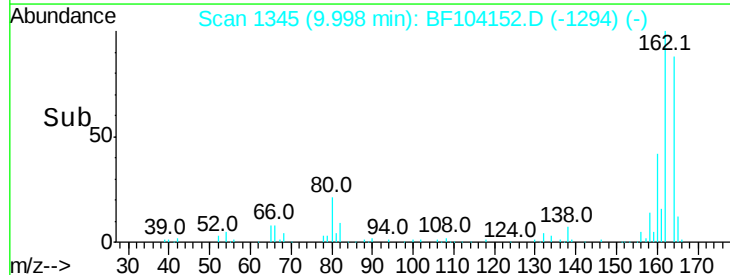
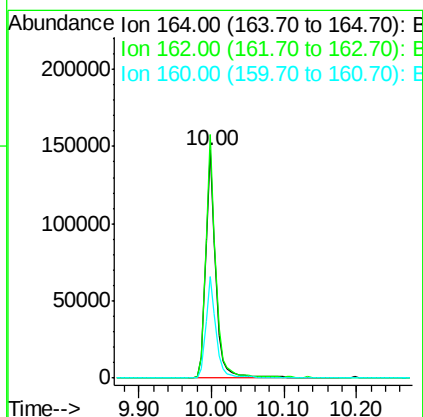
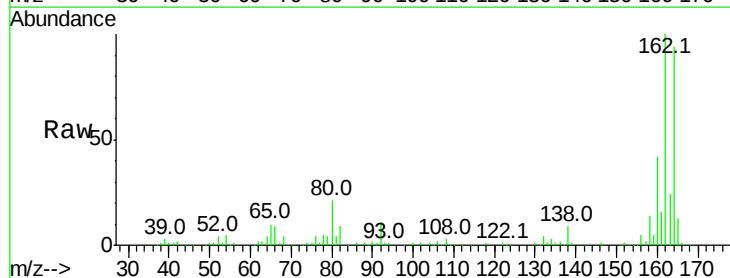
Instrument :
BNA_F
ClientSampled :

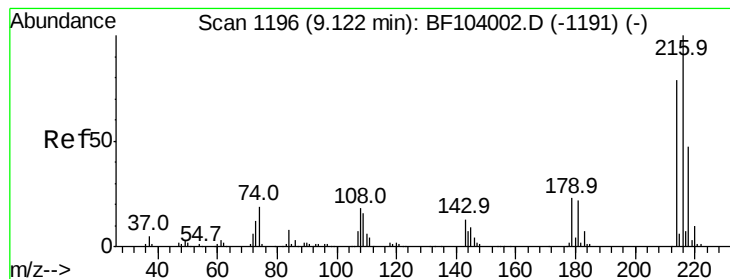
Tot Ion:142 Resp: 423493
Ion Ratio Lower Upper
142 100
141 87.8 70.8 106.2
115 33.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion:164 Resp: 143967
Ion Ratio Lower Upper
164 100
162 106.9 86.1 129.1
160 44.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.353 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 195810

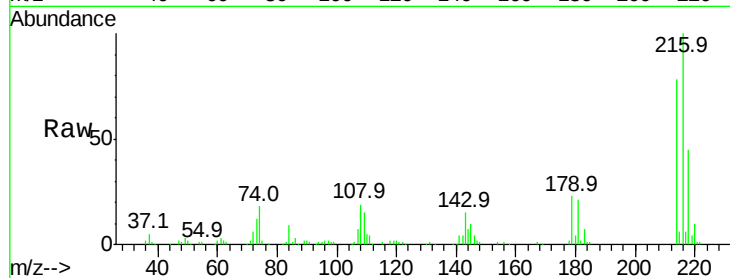
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 22.4 18.1 27.1

108 17.4 17.2 25.8

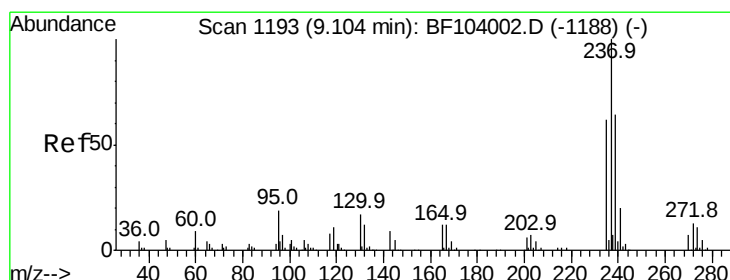
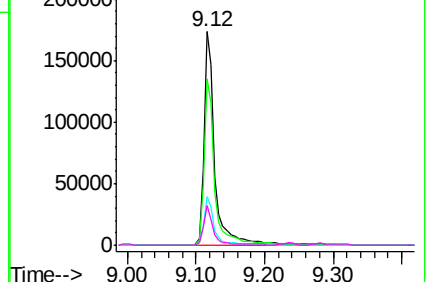
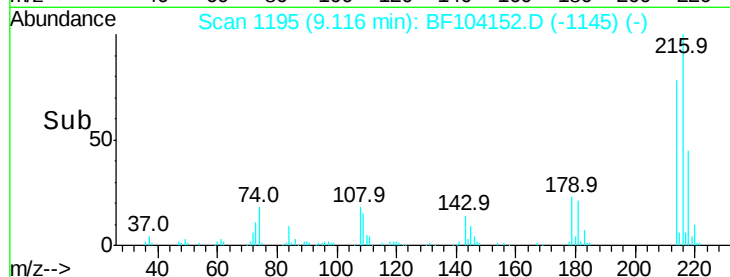


Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.888 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

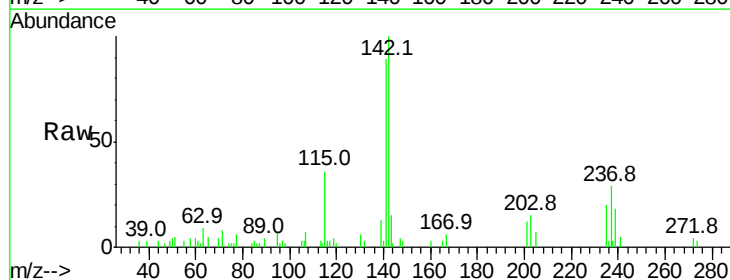
Tgt Ion:237 Resp: 3345

Ion Ratio Lower Upper

237 100

235 70.1 44.8 84.8

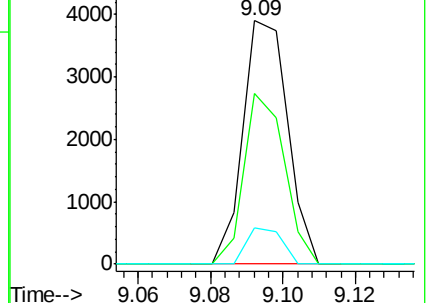
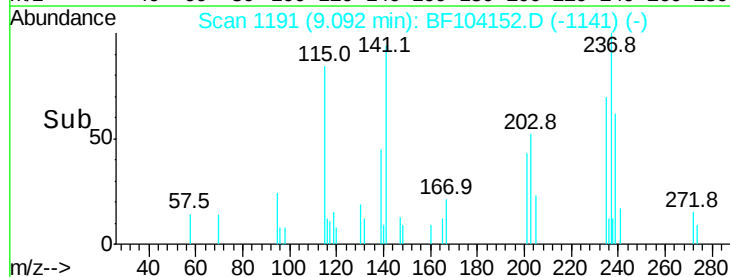
272 14.8 0.0 33.3

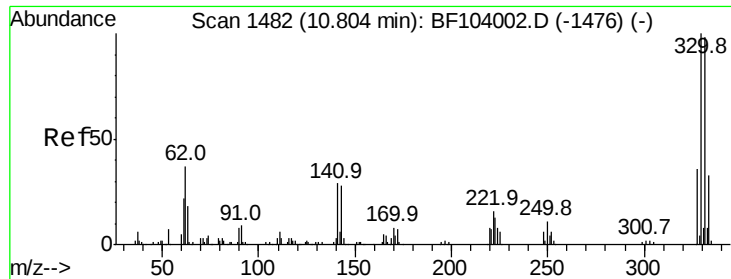


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

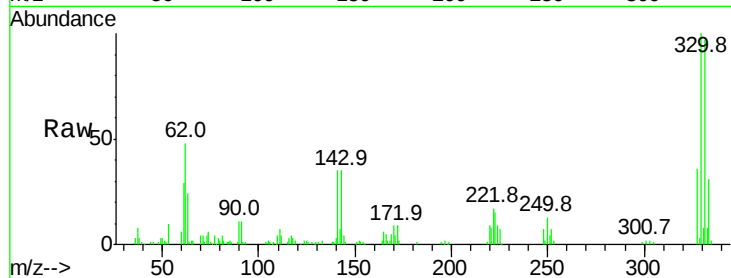




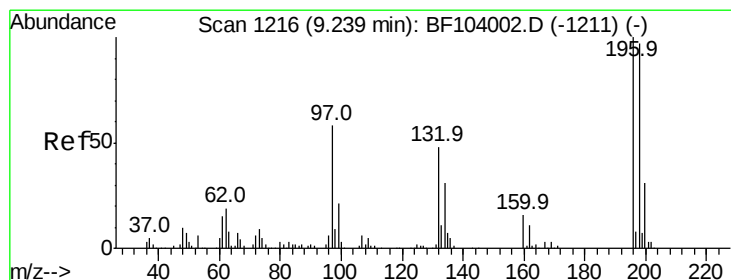
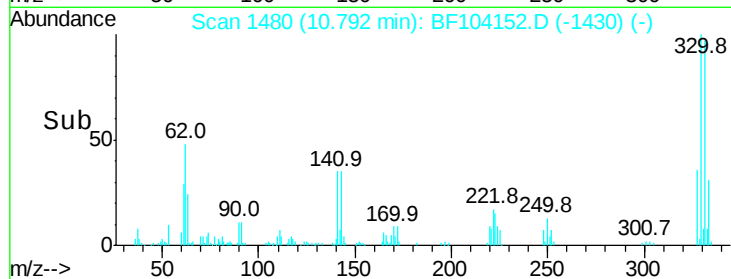
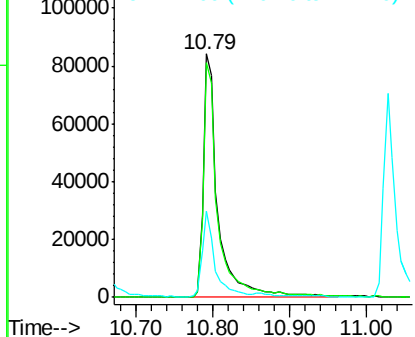
#41
 2,4,6-Tribromophenol
 Concen: 70.126 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 112418
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 31.0 29.9 44.9

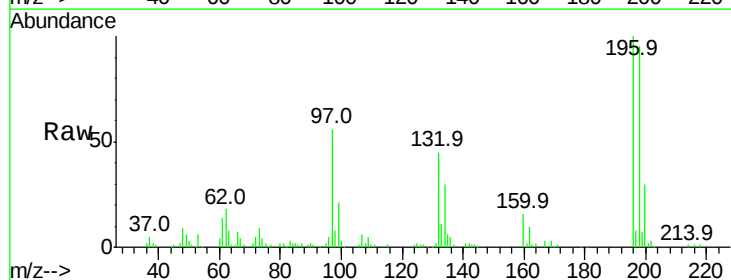


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

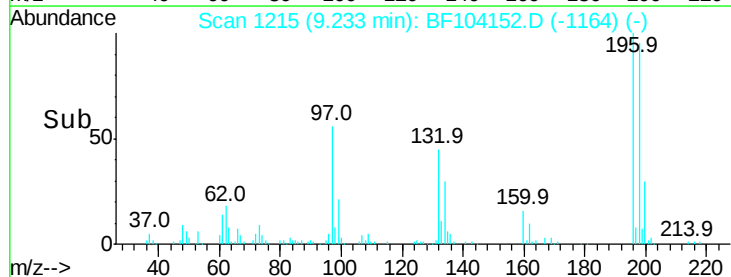
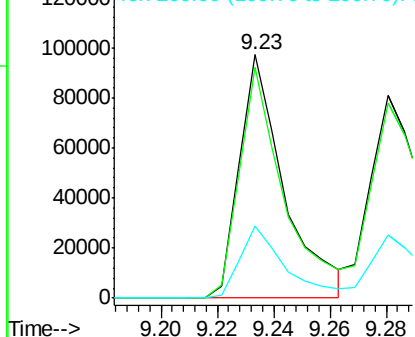


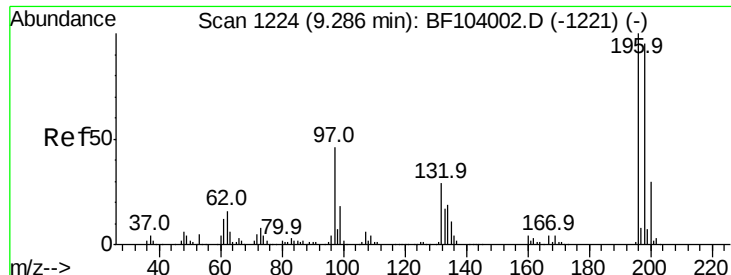
#42
 2,4,6-Trichlorophenol
 Concen: 38.118 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:196 Resp: 106559
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 29.5 24.5 36.7



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

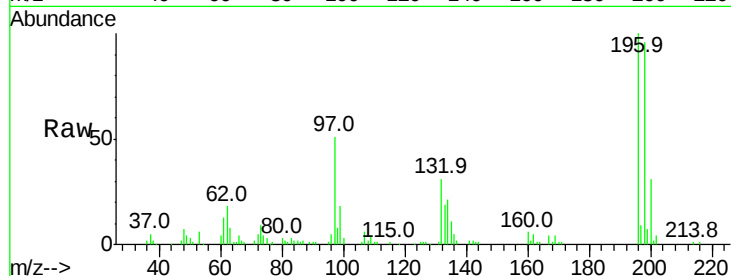




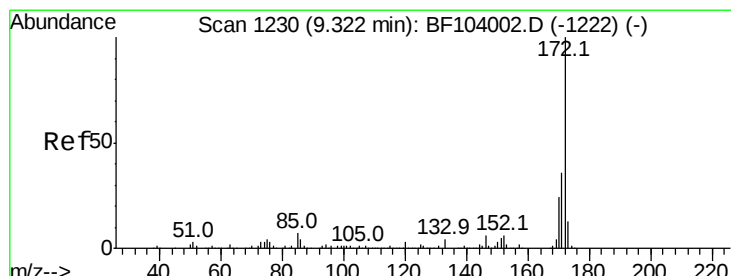
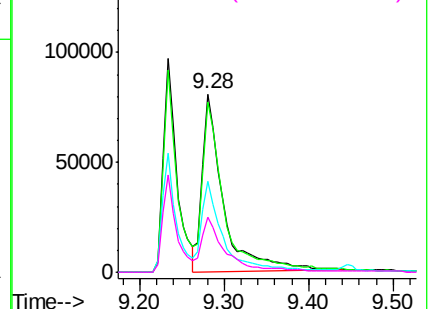
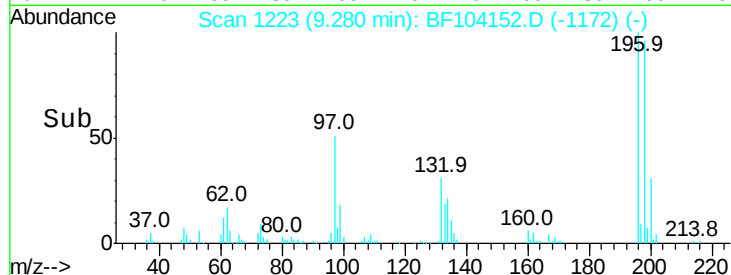
#43
 2,4,5-Trichlorophenol
 Concen: 41.097 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:	196	Resp:	138719
Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	50.9	42.9	64.3
132	30.9	26.3	39.5

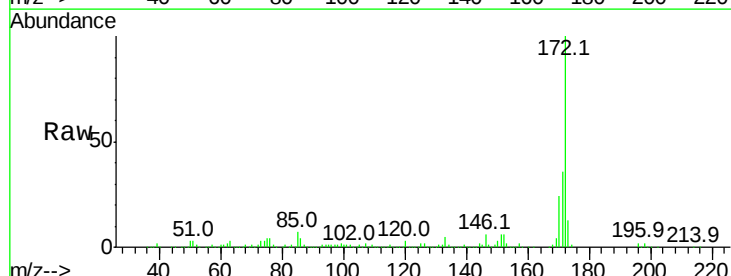


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

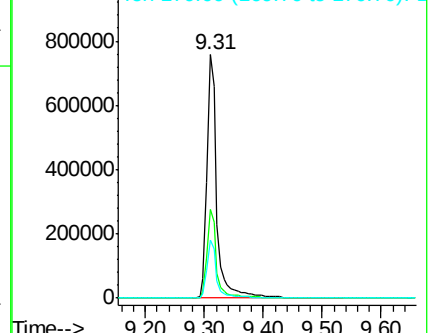
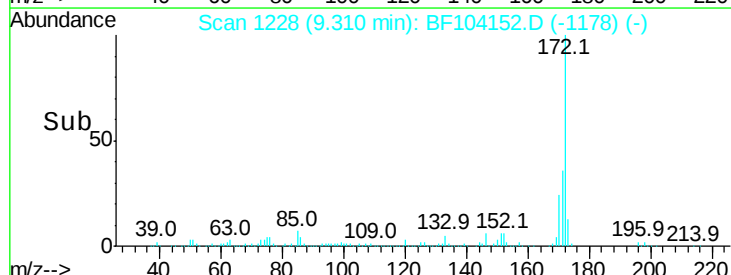


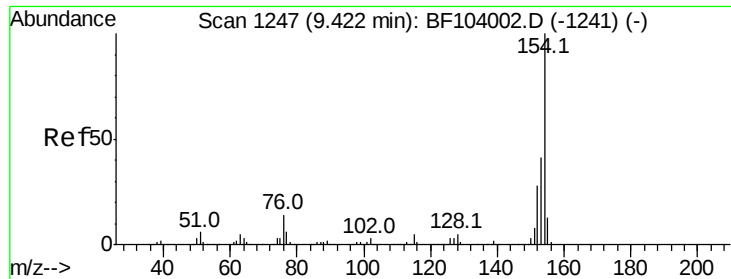
#44
 2-Fluorobiphenyl
 Concen: 96.254 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:	172	Resp:	878769
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	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: 44.056 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

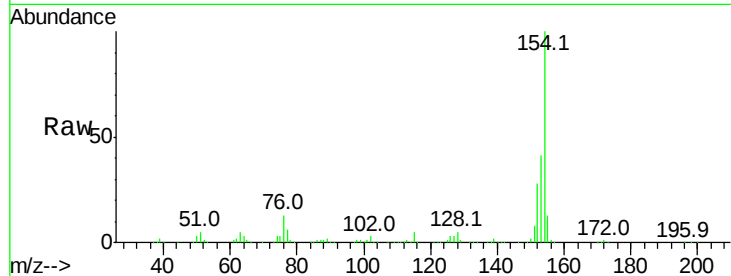
Tot Ion:154 Resp: 544368

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

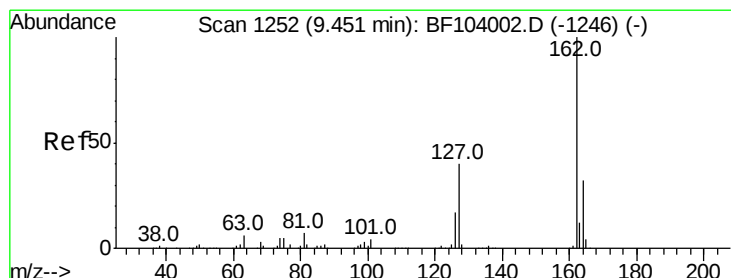
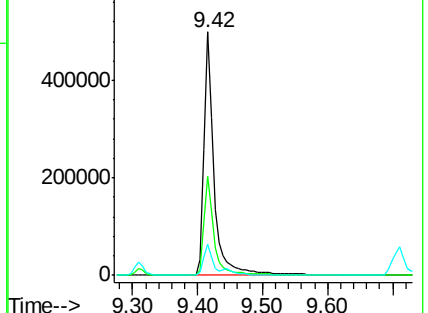
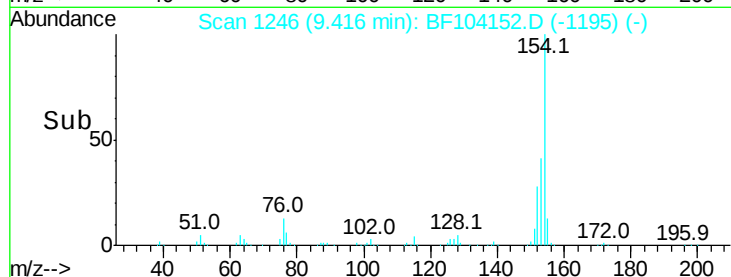
76 12.6 0.0 34.0



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: 42.927 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

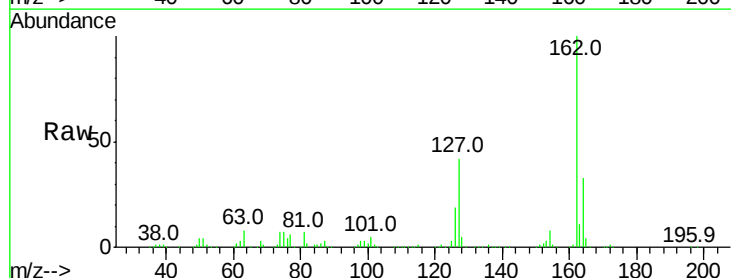
Tgt Ion:162 Resp: 418399

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

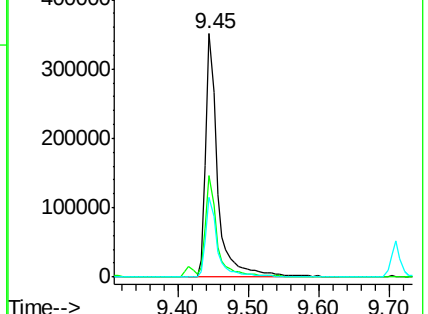
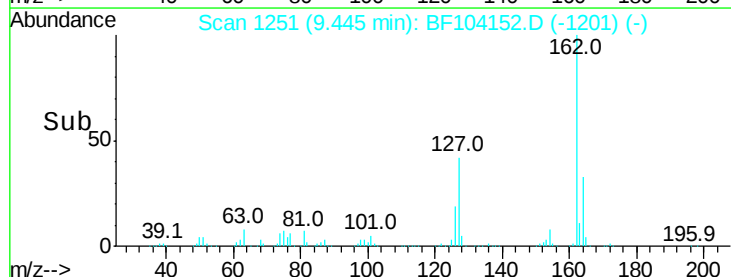
164 32.6 26.5 39.7

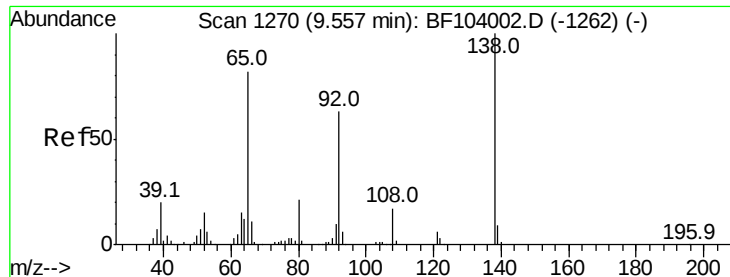


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

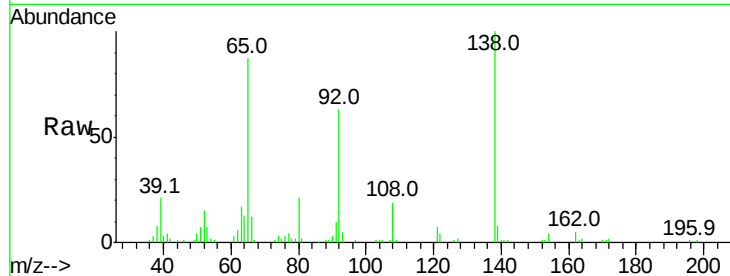




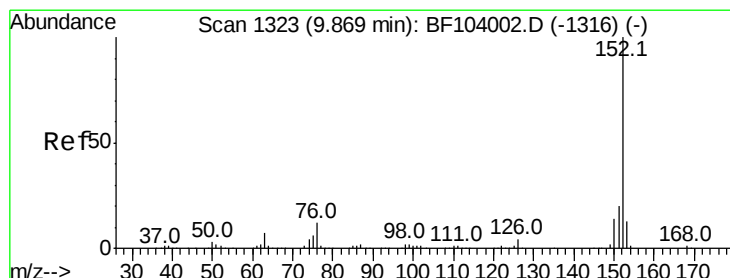
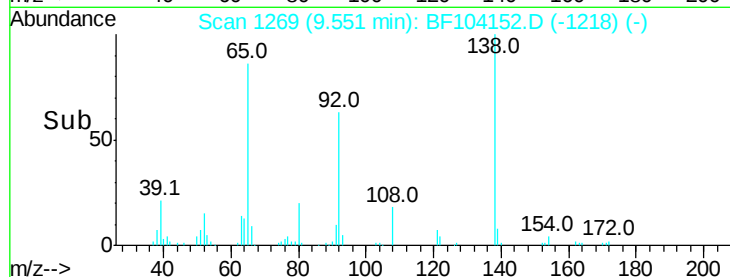
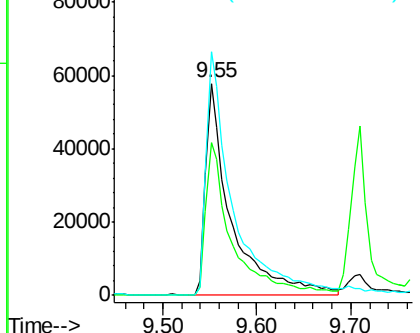
#47
2-Nitroaniline
Concen: 39.684 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 110293
Ion Ratio Lower Upper
65 100
92 72.0 55.8 83.6
138 115.0 91.2 136.8

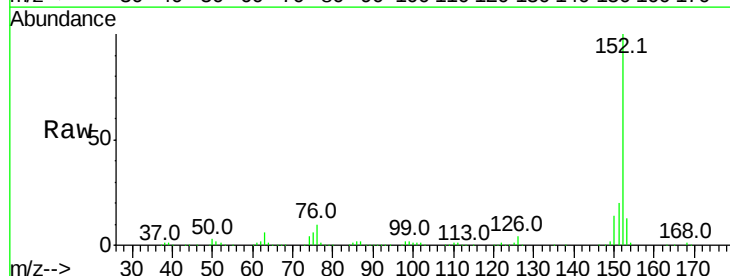


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

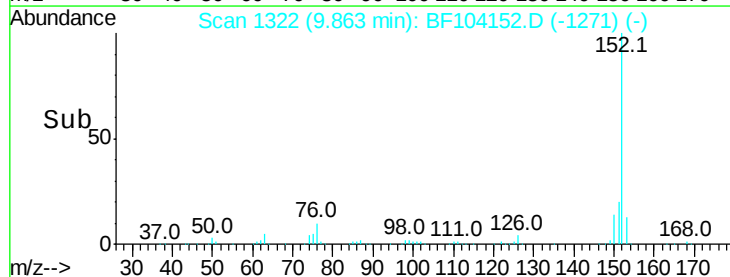
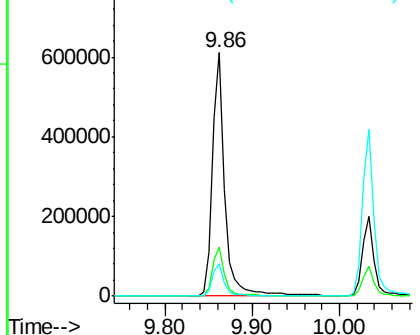


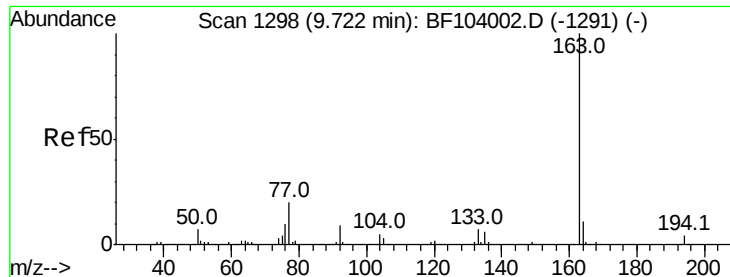
#48
Acenaphthylene
Concen: 41.142 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion: 152 Resp: 607500
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1



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

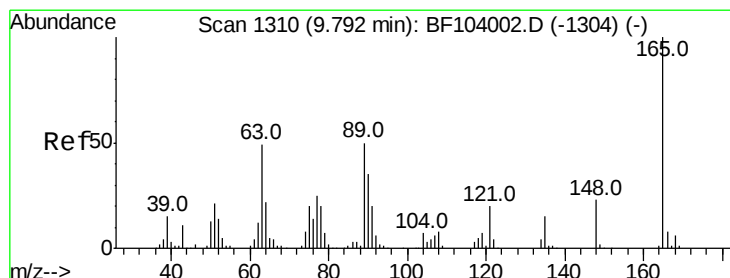
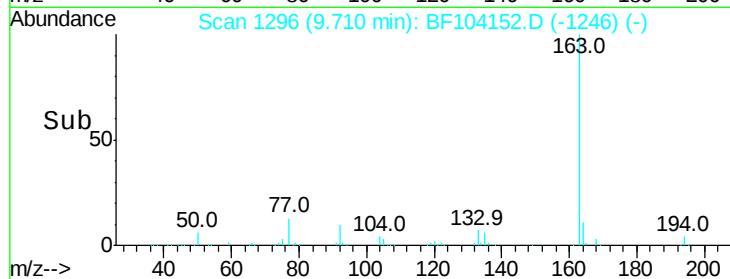
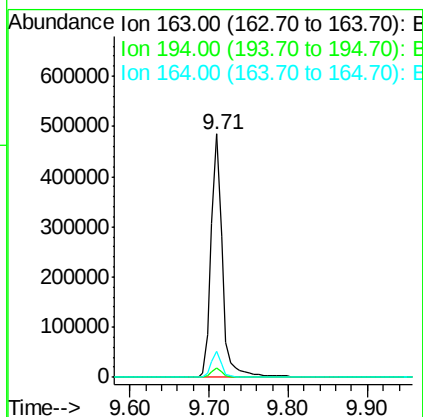
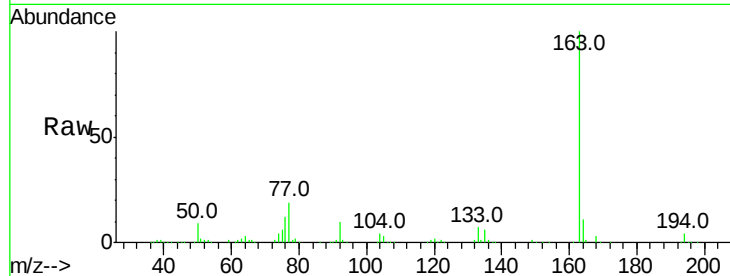




#49
Dimethylphthalate
Concen: 42.493 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

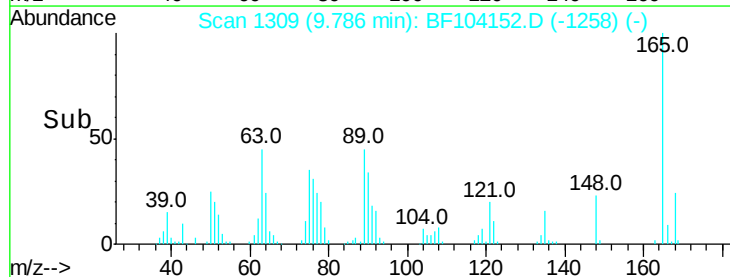
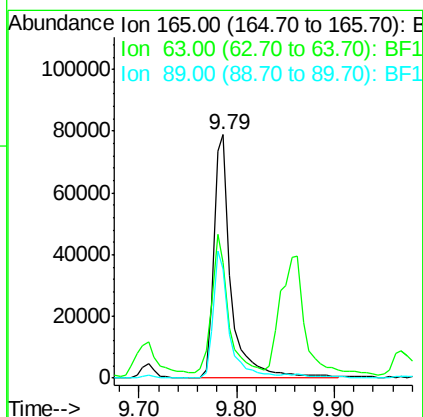
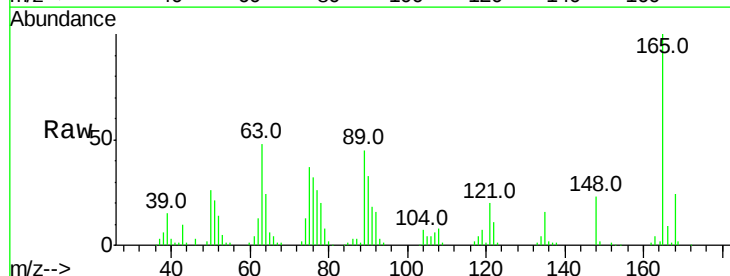
Instrument :
BNA_F
ClientSampleId :

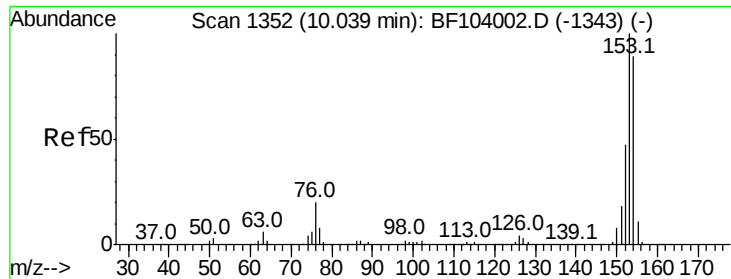
Tot Ion:163 Resp: 482998
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 39.215 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion:165 Resp: 95898
Ion Ratio Lower Upper
165 100
63 47.6 44.7 67.1
89 44.8 44.0 66.0





#51

Acenaphthene

Concen: 42.138 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

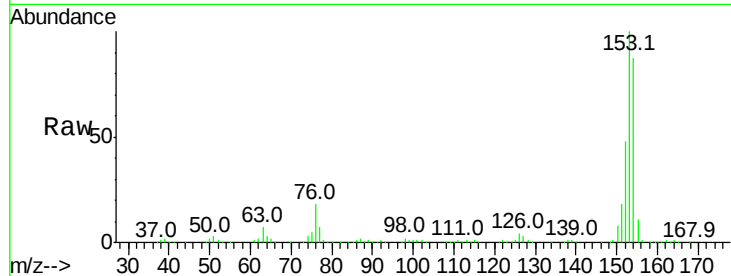
Tot Ion:154 Resp: 359945

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

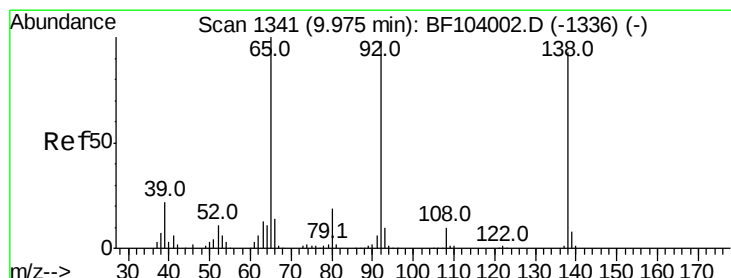
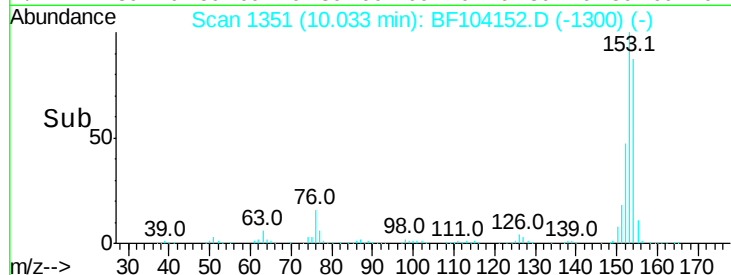
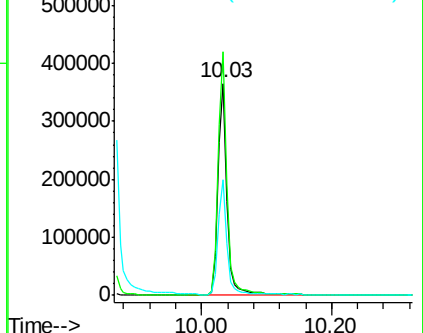
152 54.6 43.8 65.8



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: 39.340 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

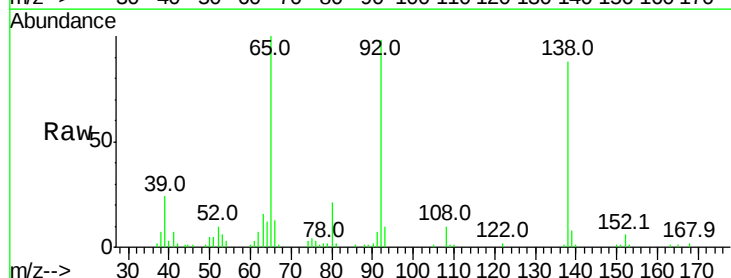
Tgt Ion:138 Resp: 110590

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

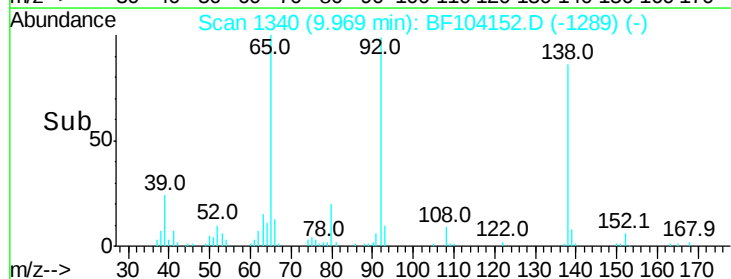
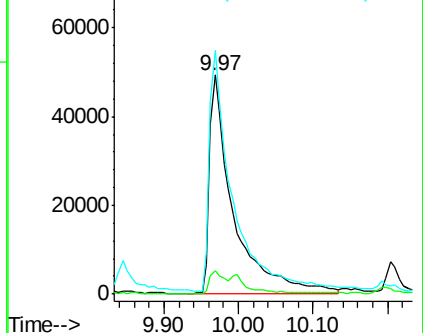
92 111.3 89.4 134.2

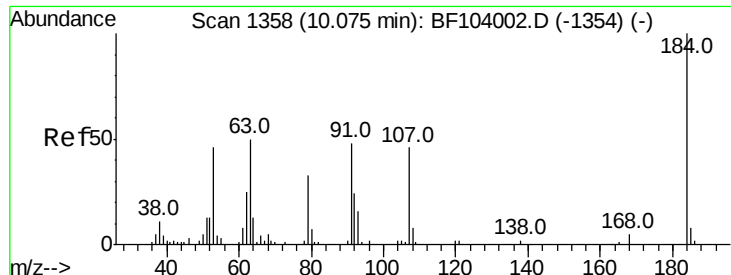


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

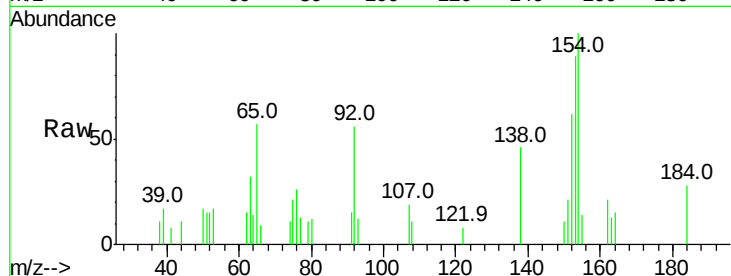




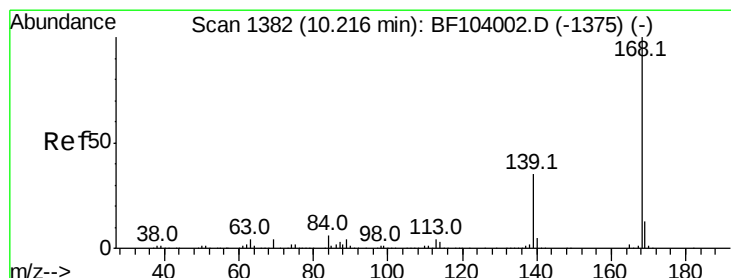
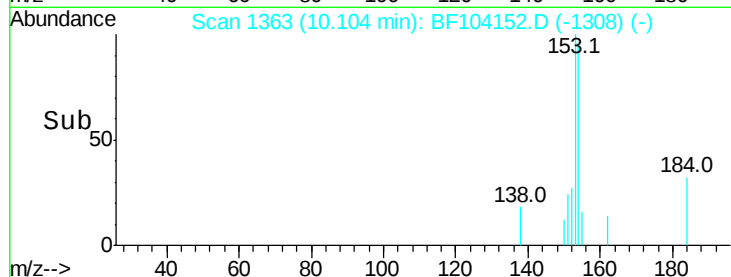
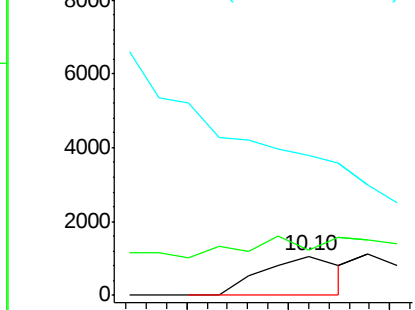
#53
 2,4-Dinitrophenol
 Concen: 6.564 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.02 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 1138
 Ion Ratio Lower Upper
 184 100
 63 116.2 54.2 81.2#
 154 358.1 184.0 276.0#

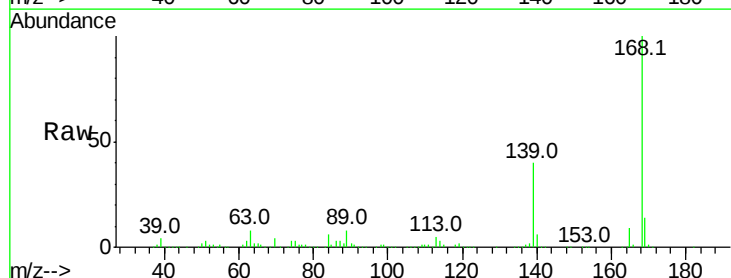


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

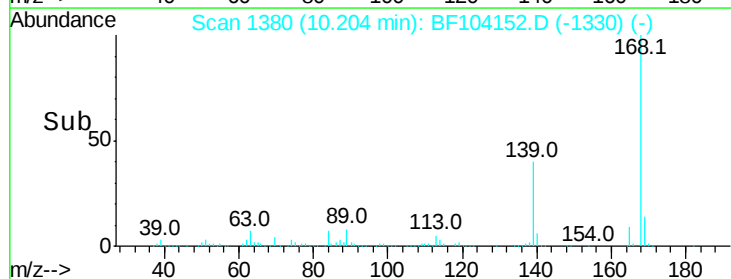
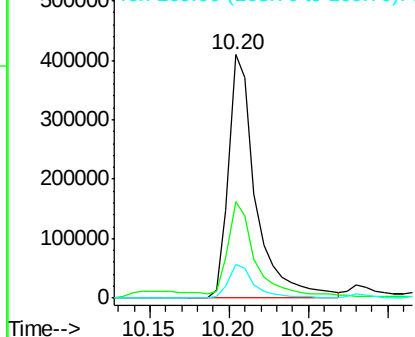


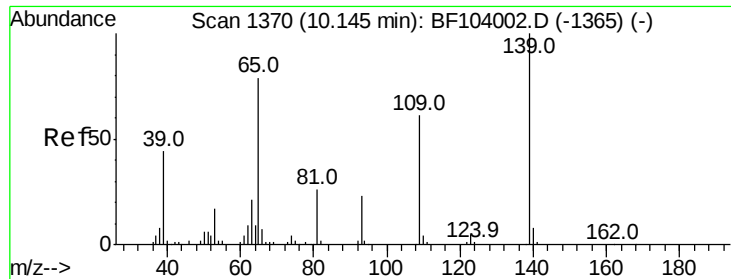
#54
 Dibenzofuran
 Concen: 39.303 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:168 Resp: 490270
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.1 45.1
 169 13.9 10.9 16.3



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





#55

4-Nitrophenol

Concen: 19.309 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

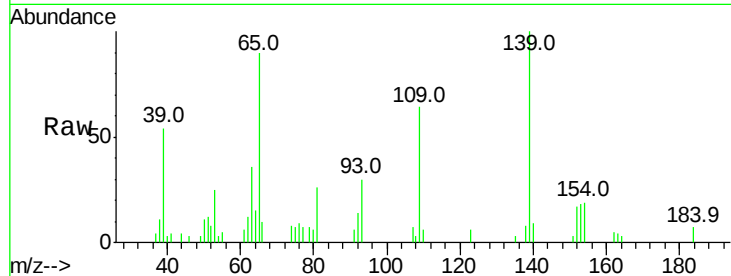
Tot Ion:139 Resp: 32546

Ion Ratio Lower Upper

139 100

109 63.8 48.4 88.4

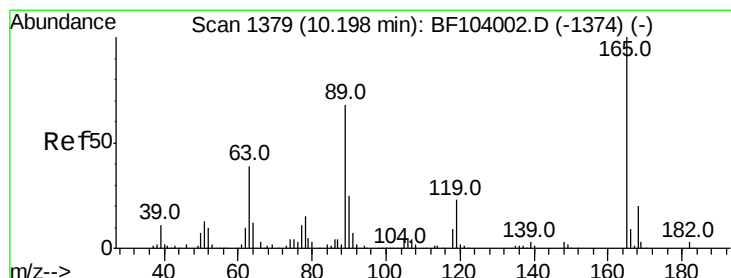
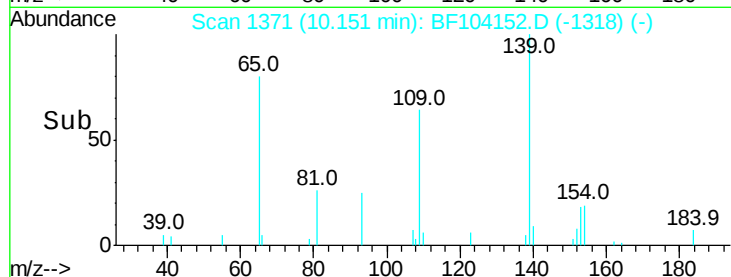
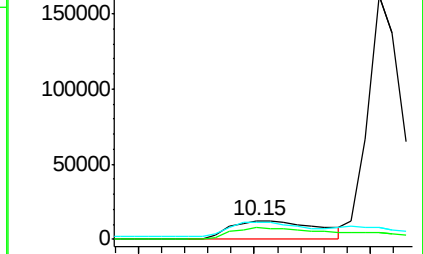
65 90.2 72.6 112.6



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: 35.026 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Tgt Ion:165 Resp: 109296

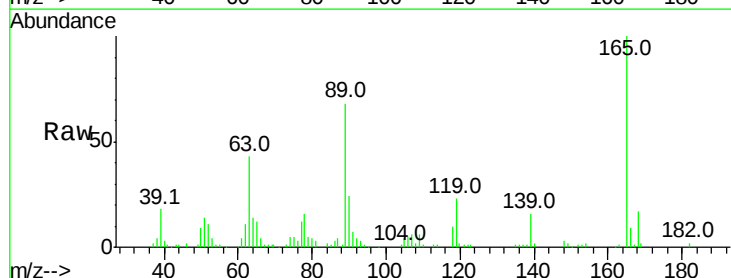
Ion Ratio Lower Upper

165 100

63 43.3 36.4 54.6

89 67.9 57.8 86.6

182 2.3 1.6 2.4

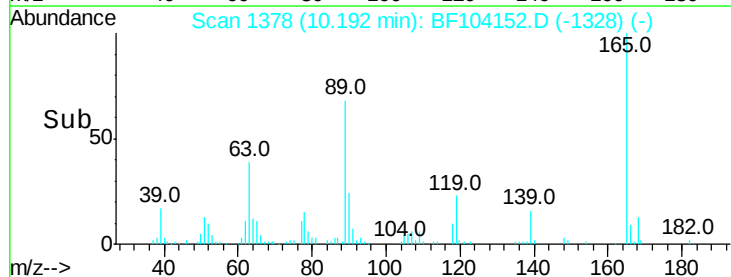
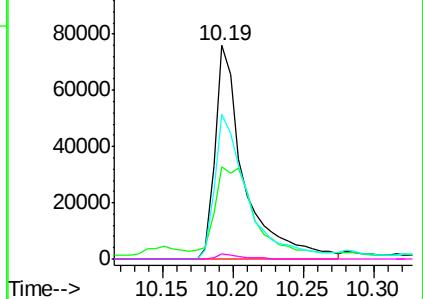


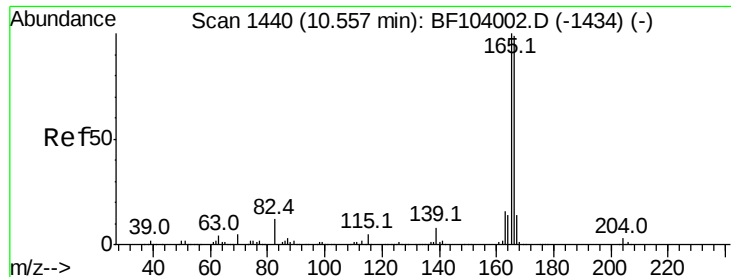
Abundance Ion 165.00 (164.70 to 165.70): E

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

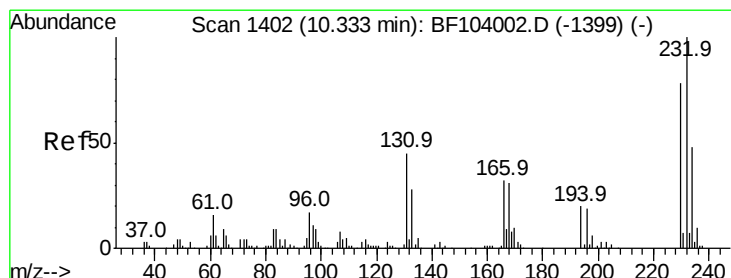
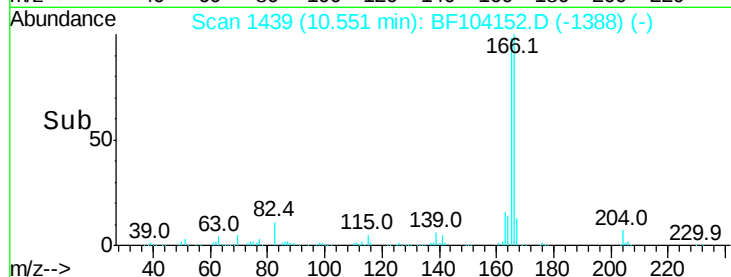
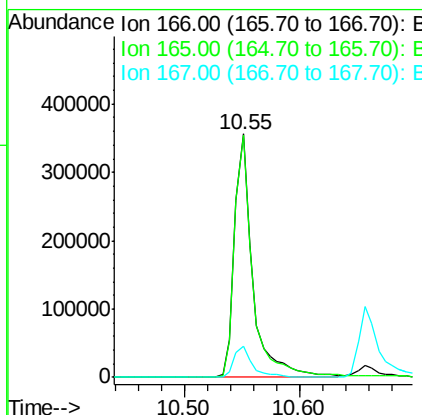
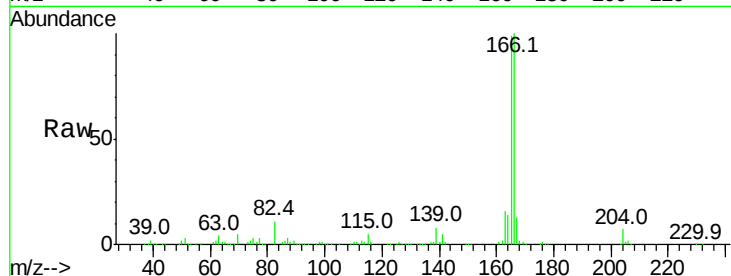




#57
 Fluorene
 Concen: 38.276 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

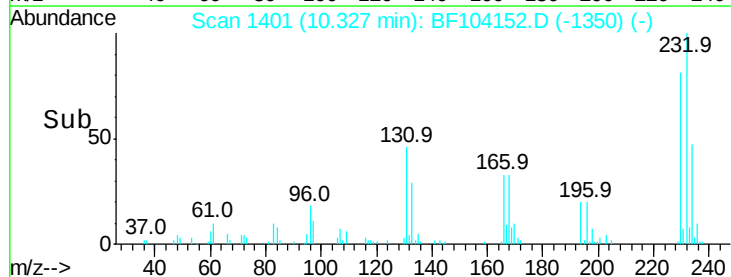
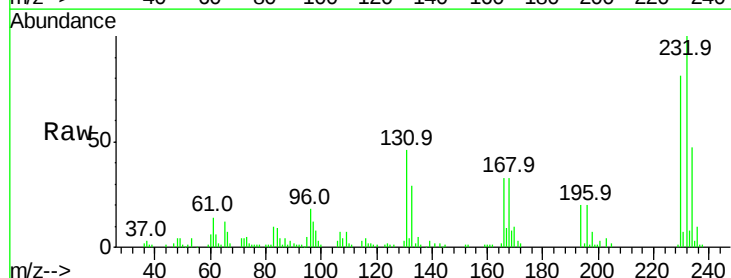
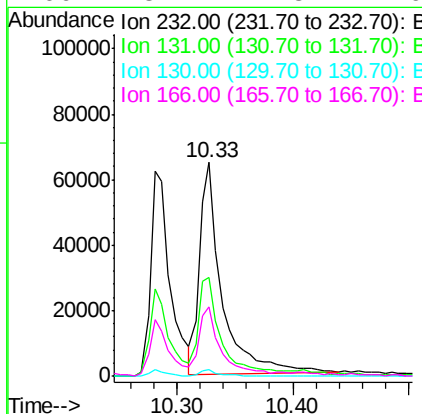
Instrument :
 BNA_F
 ClientSampleId :

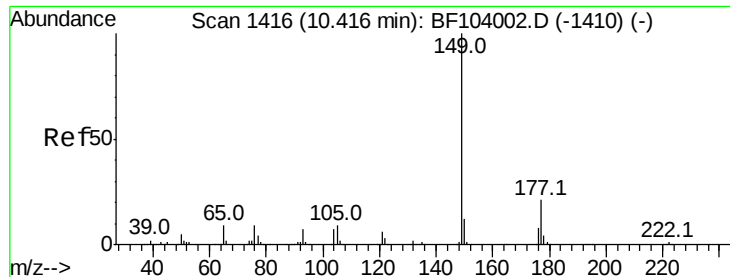
Tot Ion:166 Resp: 393849
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.904 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:232 Resp: 88267
 Ion Ratio Lower Upper
 232 100
 131 42.7 43.8 65.8#
 130 2.4 2.1 3.1
 166 28.2 27.8 41.6

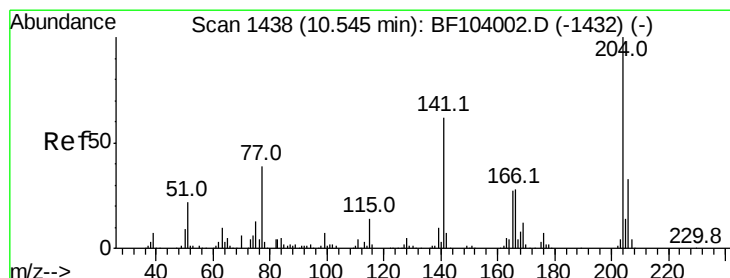
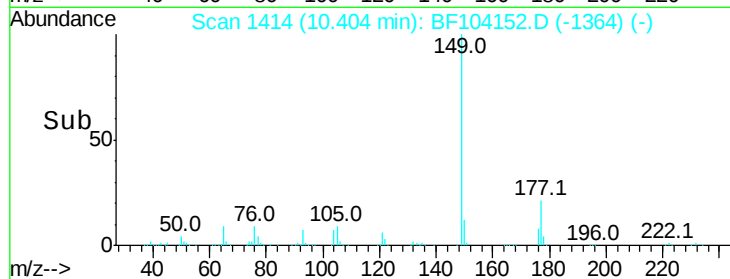
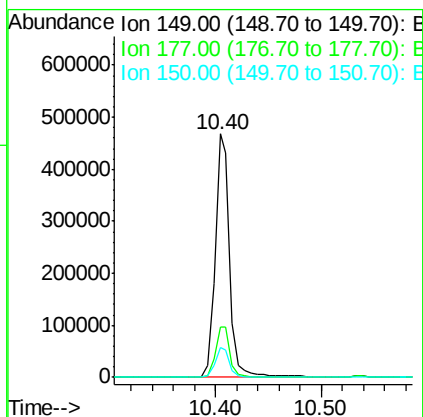
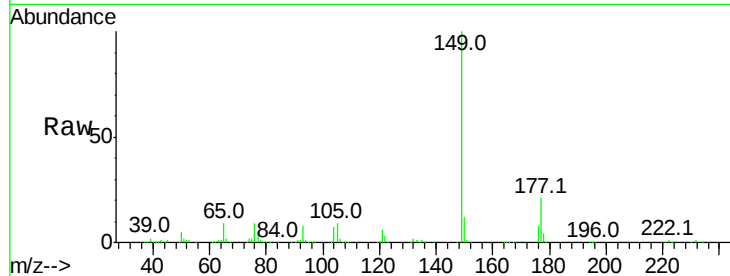




#59
Diethylphthalate
Concen: 41.759 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

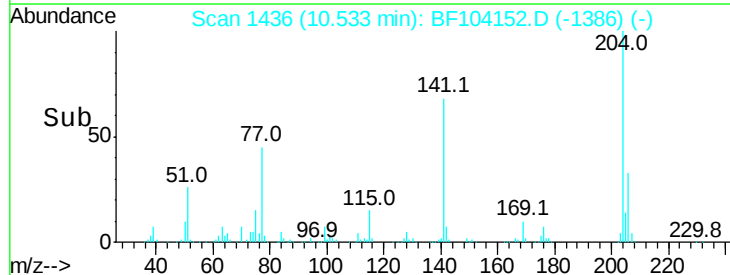
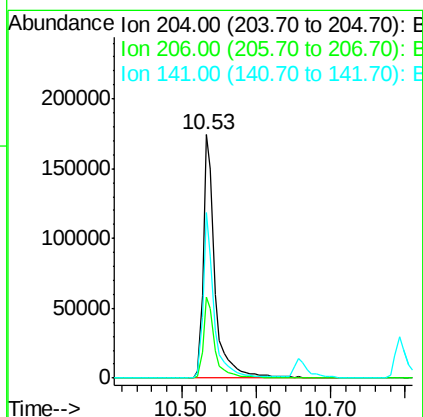
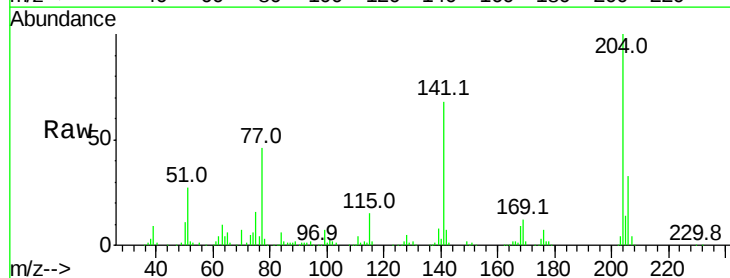
Instrument :
BNA_F
ClientSampleId :

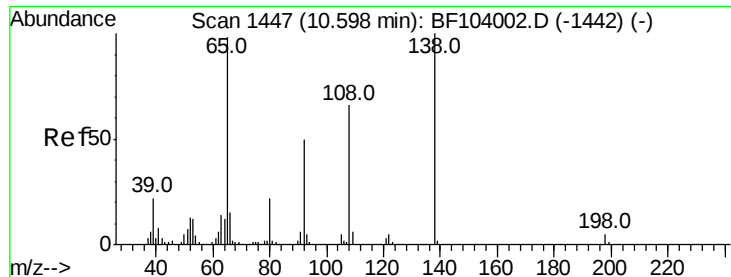
Tot Ion:149 Resp: 454714
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.182 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion:204 Resp: 194621
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 67.8 54.6 81.8

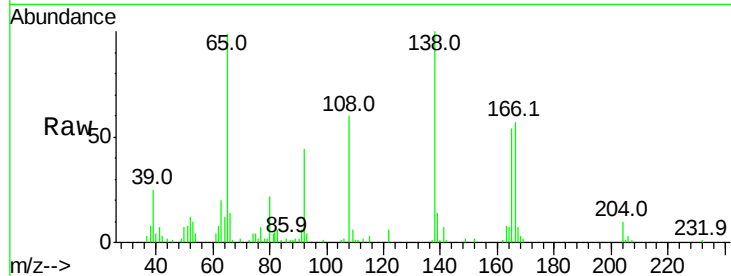




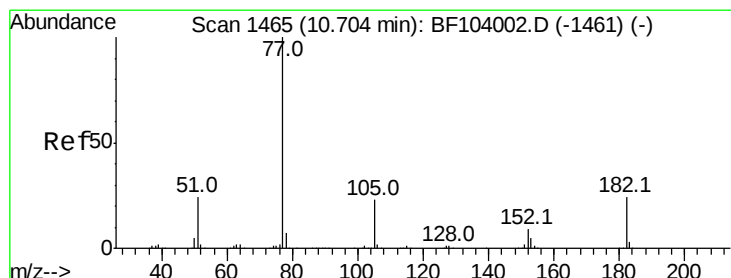
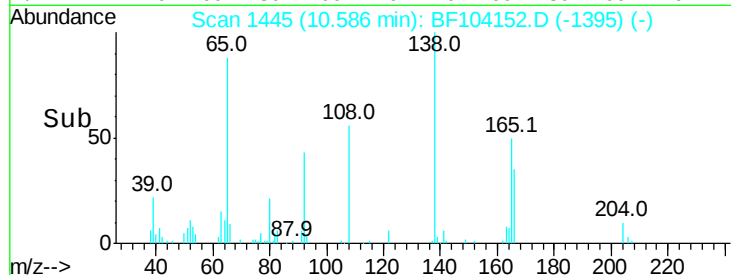
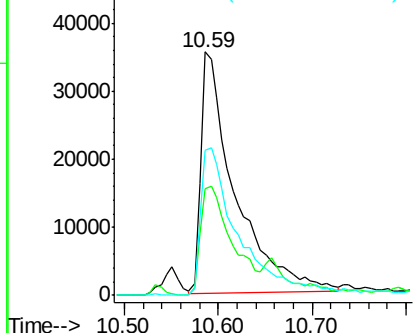
#61
4-Nitroaniline
Concen: 34.044 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 89548
Ion Ratio Lower Upper
138 100
92 43.8 30.2 70.2
108 59.8 52.5 92.5

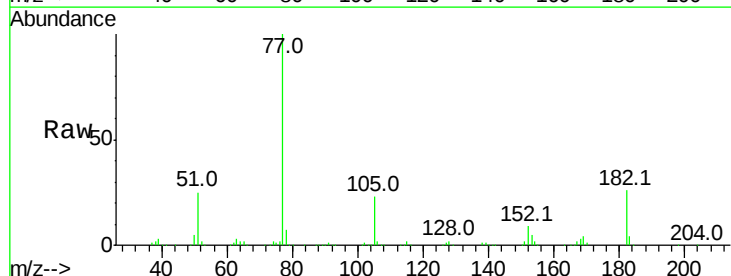


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

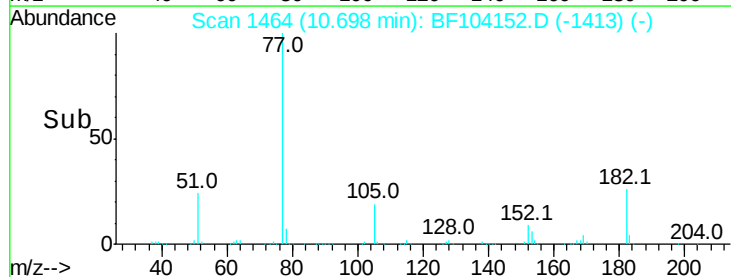
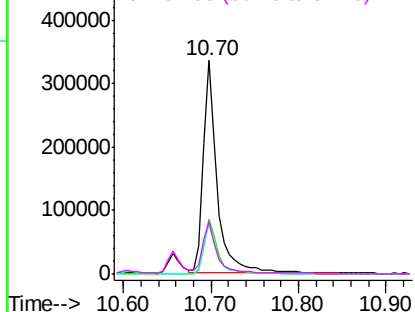


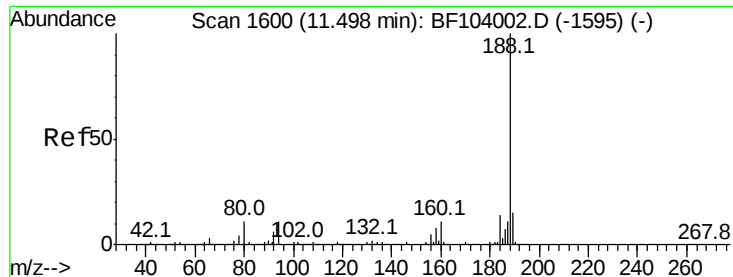
#62
Azobenzene
Concen: 37.981 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion: 77 Resp: 373976
Ion Ratio Lower Upper
77 100
182 25.5 1.7 41.7
105 23.5 3.0 43.0
51 24.9 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

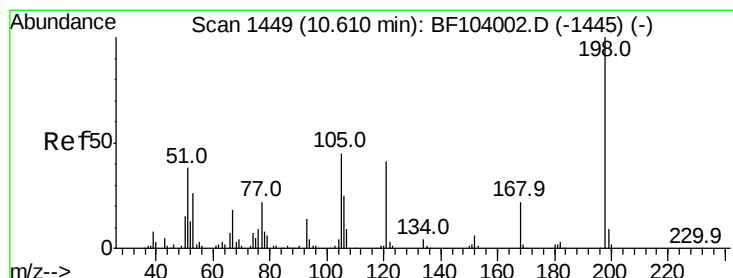
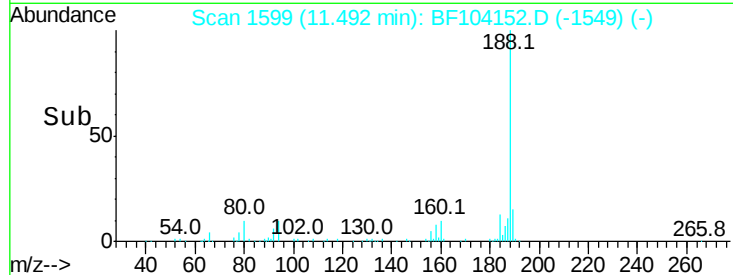
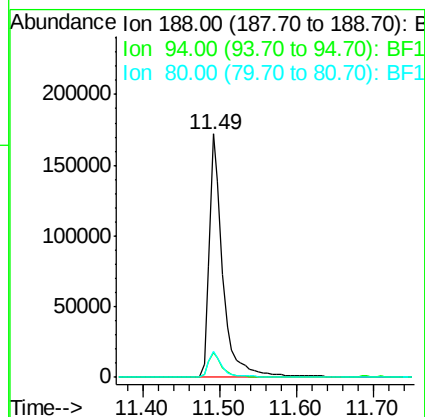
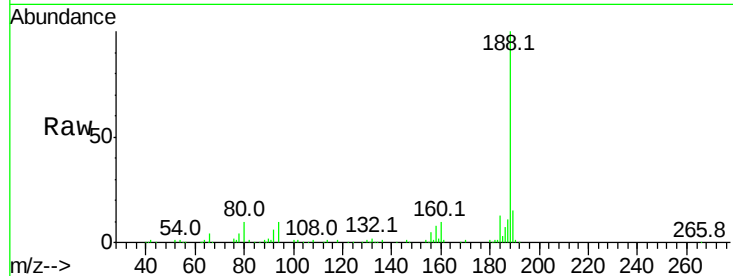




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

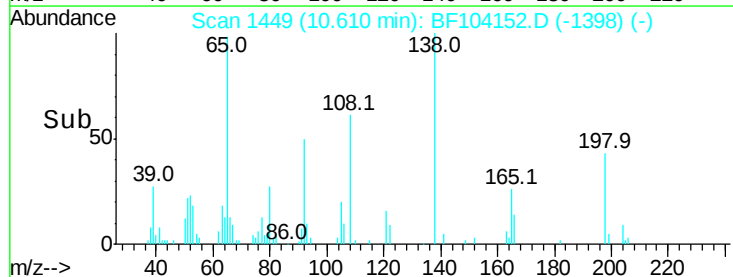
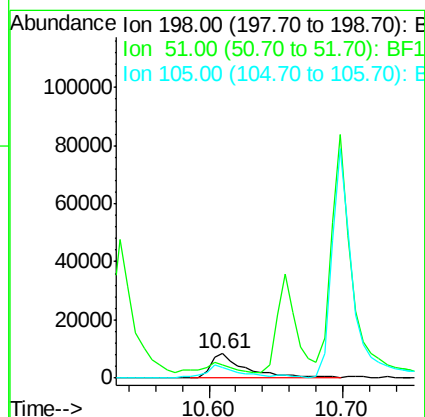
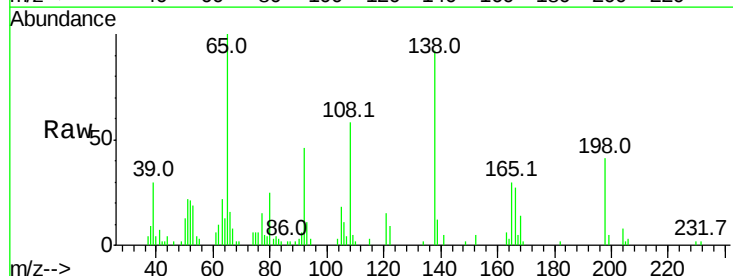
Instrument :
BNA_F
ClientSampleId :

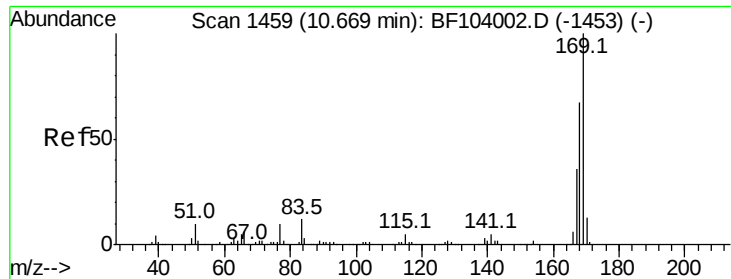
Tot Ion:188 Resp: 210742
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 12.270 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion:198 Resp: 15653
Ion Ratio Lower Upper
198 100
51 52.8 37.7 77.7
105 44.5 36.3 76.3

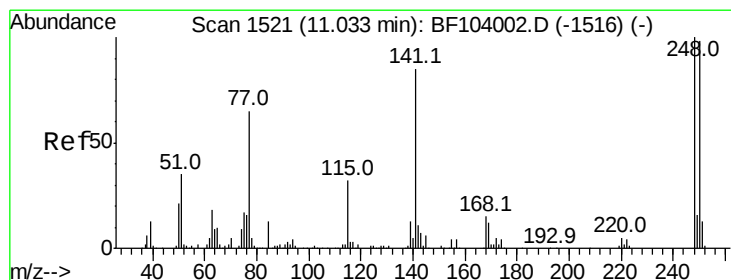
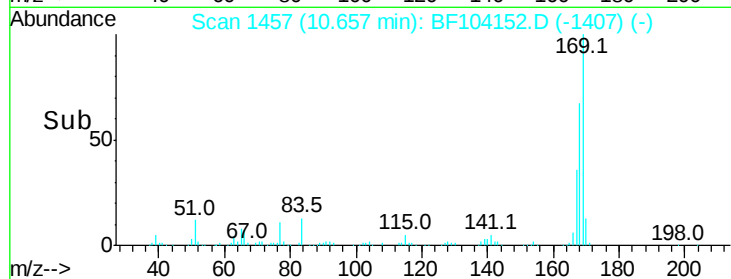
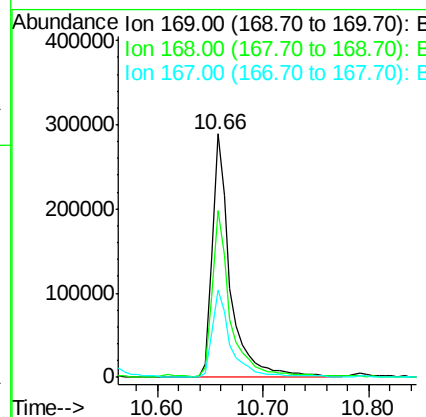
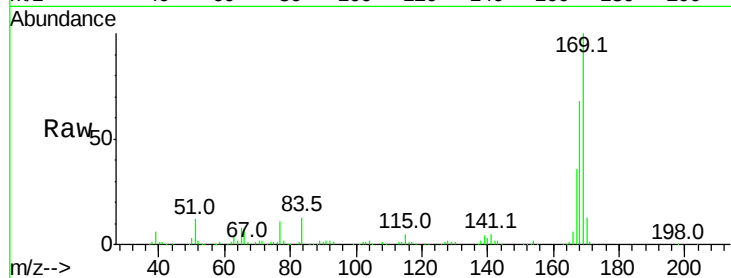




#65
 n-Nitrosodiphenylamine
 Concen: 48.937 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

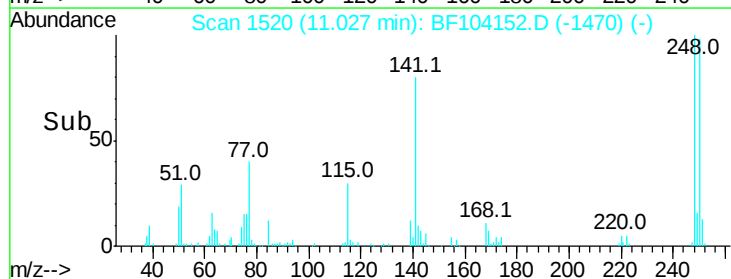
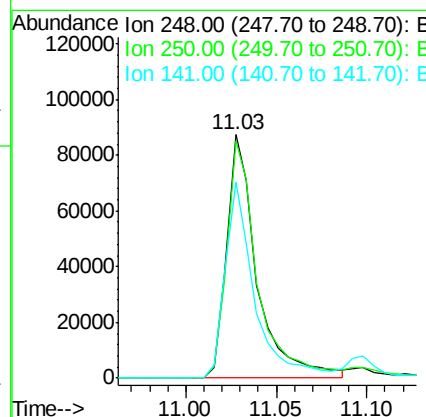
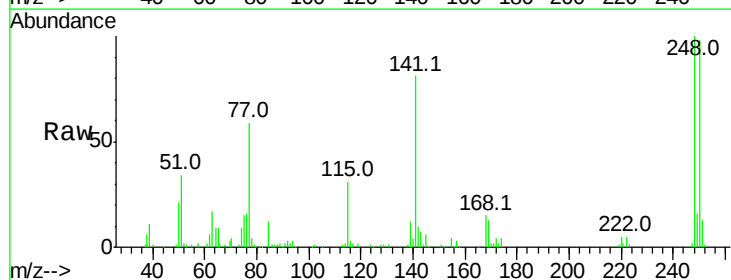
Instrument :
 BNA_F
 ClientSampleId :

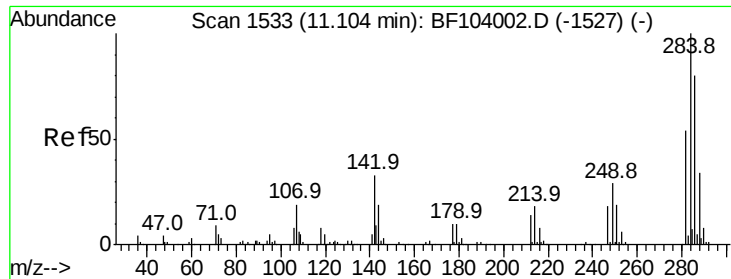
Tot Ion	169	Resp	349268
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	68.3		
167	35.7		



#66
 4-Bromophenyl-phenylether
 Concen: 45.205 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion	248	Resp	101920
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	97.7		
141	80.8		

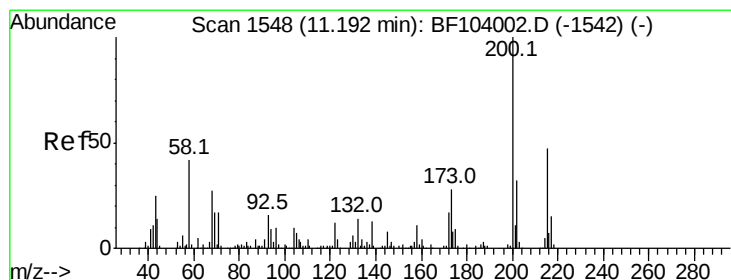
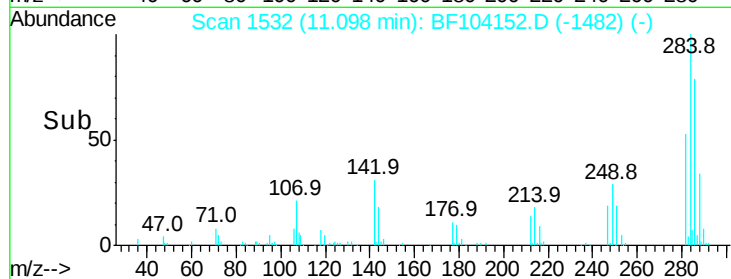
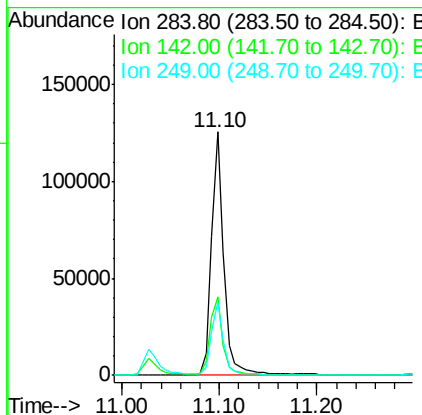
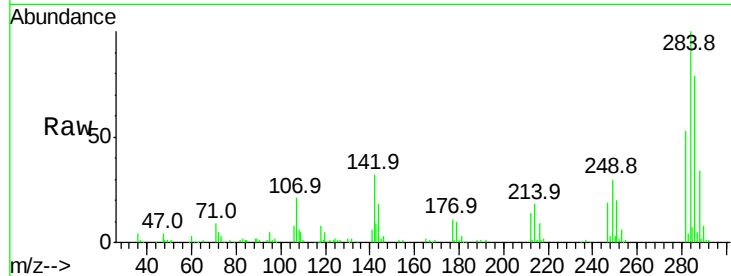




#67
Hexachlorobenzene
Concen: 42.791 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

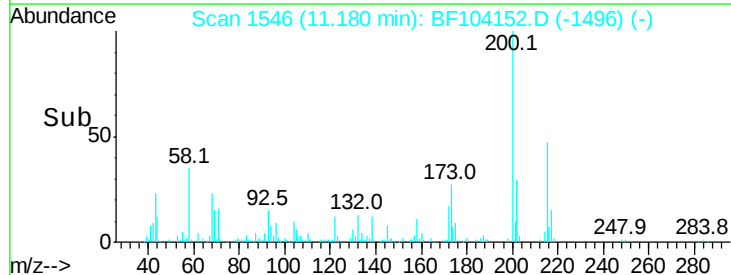
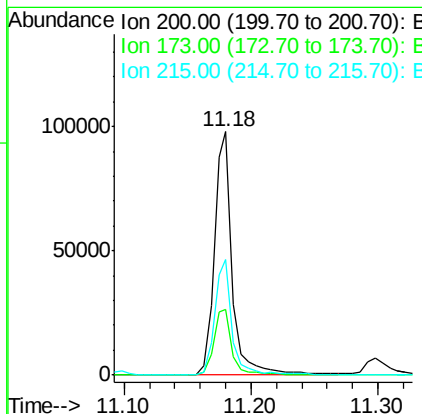
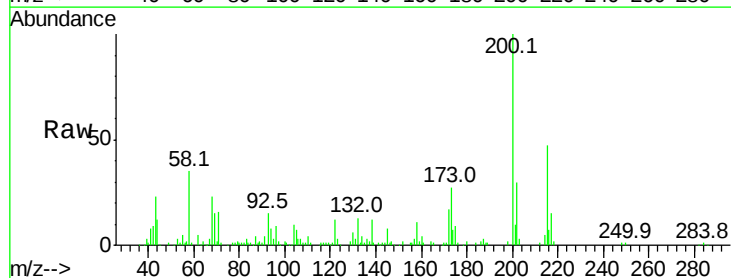
Instrument :
BNA_F
ClientSampleId :

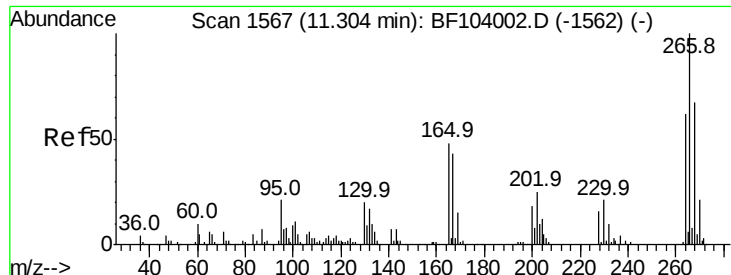
Tot Ion:284 Resp: 110979
Ion Ratio Lower Upper
284 100
142 32.5 34.6 52.0#
249 30.0 24.8 37.2



#68
Atrazine
Concen: 44.715 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion:200 Resp: 97770
Ion Ratio Lower Upper
200 100
173 27.0 8.6 48.6
215 47.5 25.1 65.1

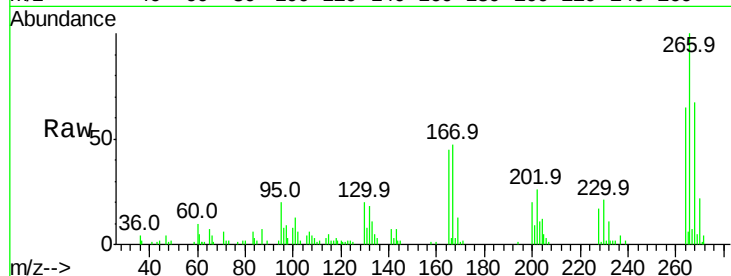




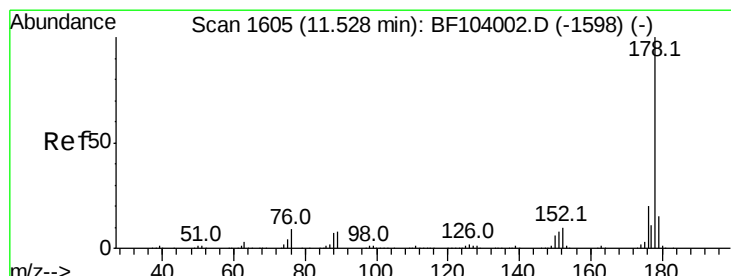
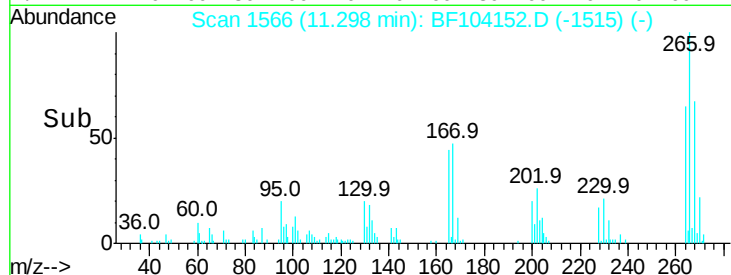
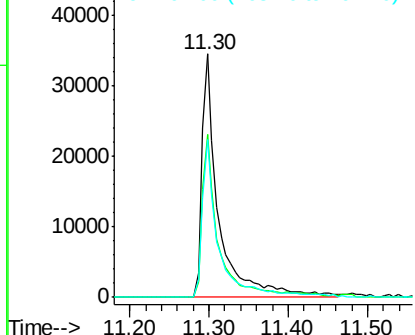
#69
 Pentachlorophenol
 Concen: 36.264 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 51755
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.1 76.7
 264 64.6 49.5 74.3

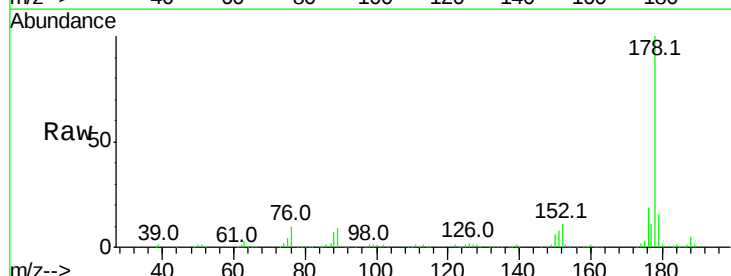


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

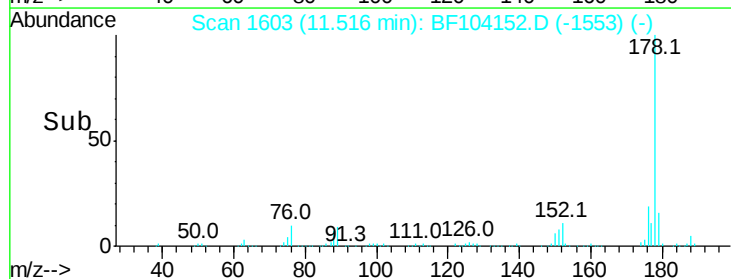
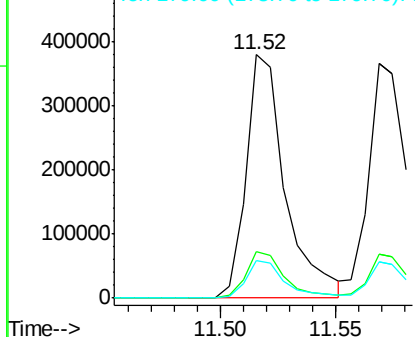


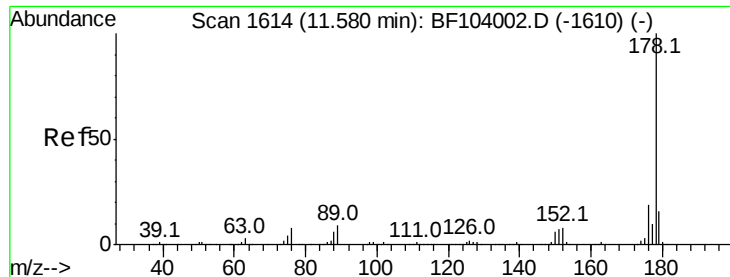
#70
 Phenanthrene
 Concen: 39.427 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:178 Resp: 449855
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.7 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

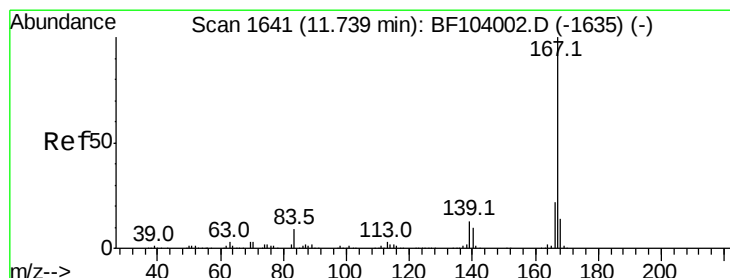
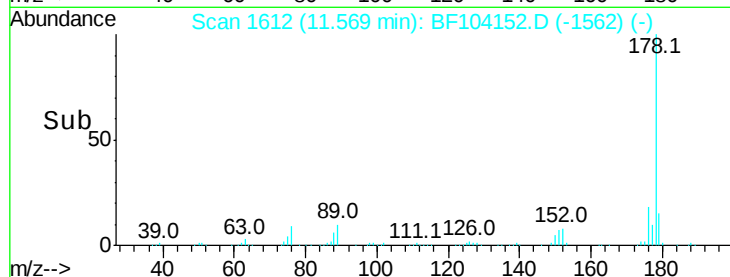
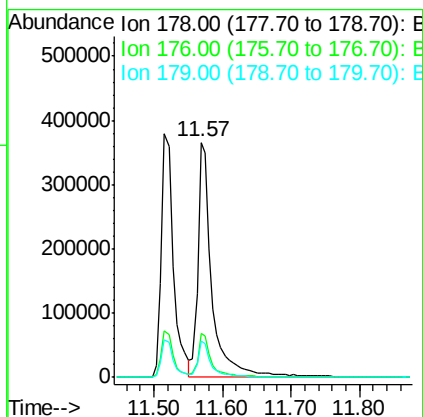
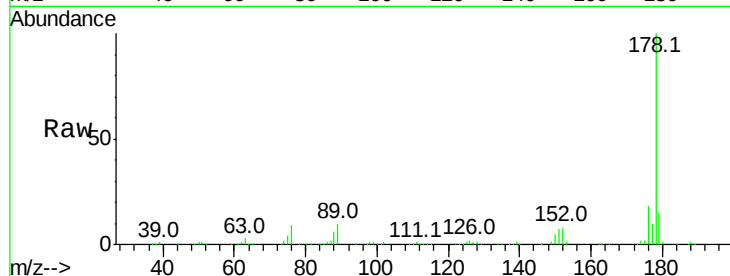




#71
 Anthracene
 Concen: 43.903 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

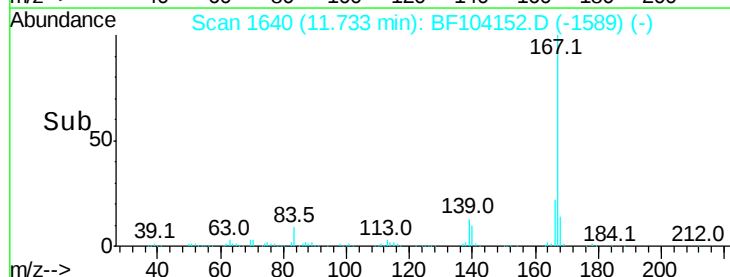
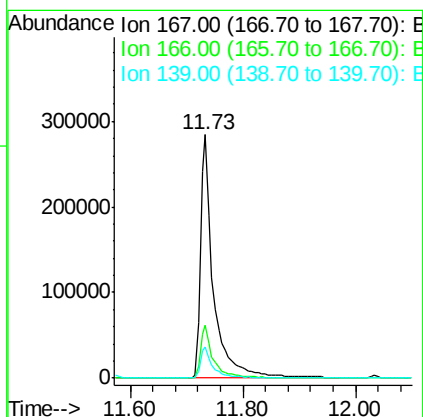
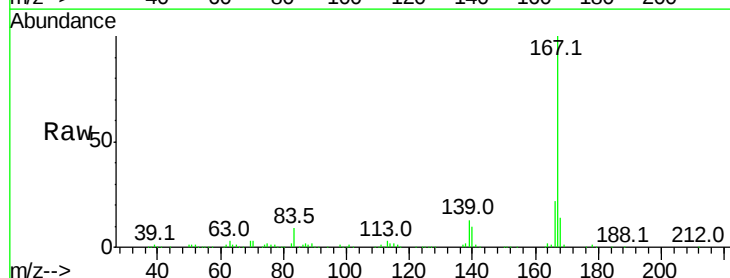
Instrument :
 BNA_F
 ClientSampleId :

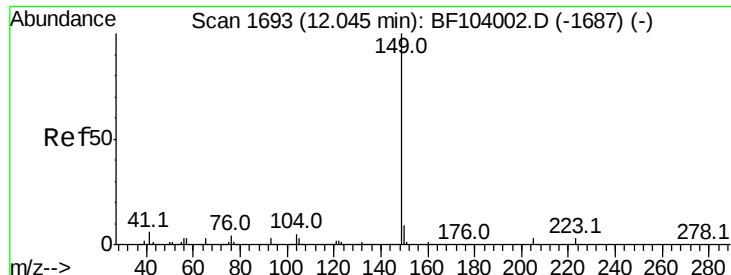
Tot Ion:178 Resp: 523232
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 40.005 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:167 Resp: 455052
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.7 10.9 16.3

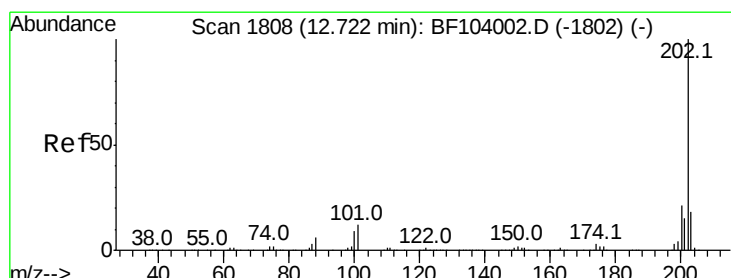
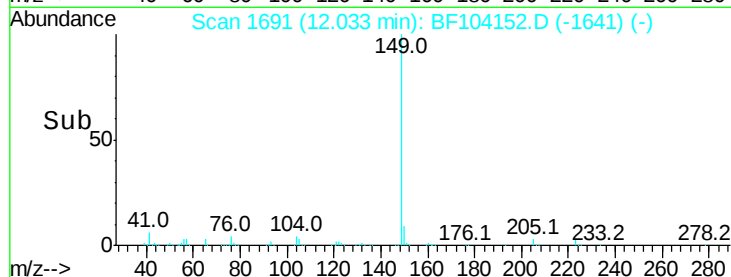
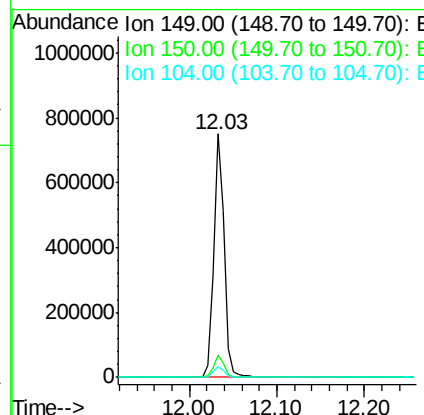
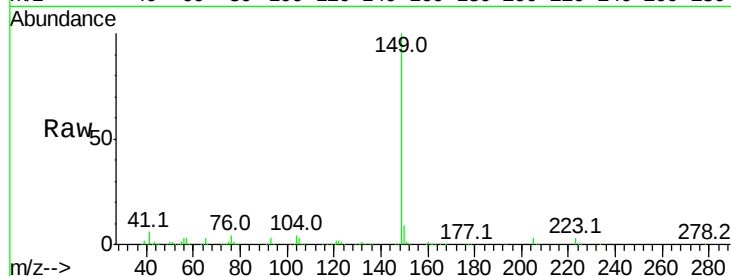




#73
Di-n-butylphthalate
Concen: 45.961 ng
RT: 12.03 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

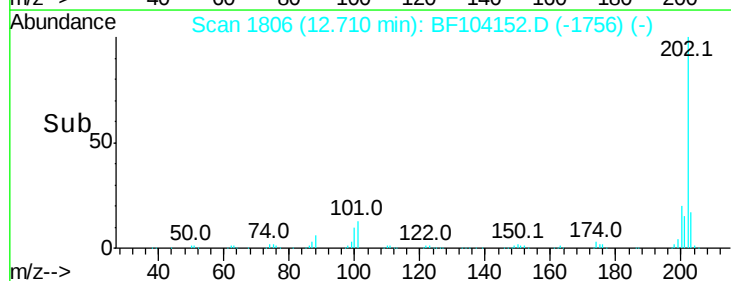
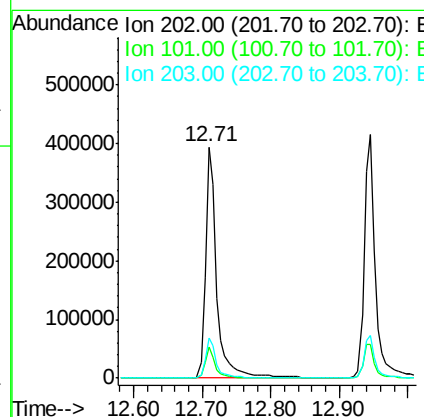
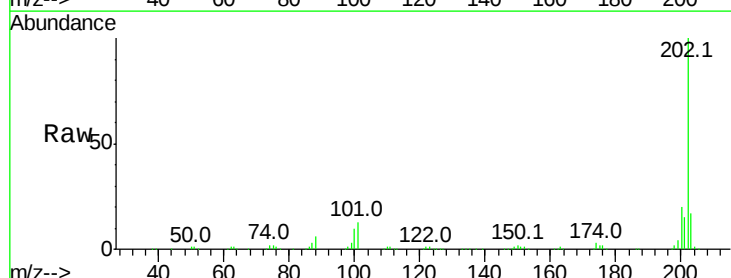
Instrument :
BNA_F
ClientSampleId :

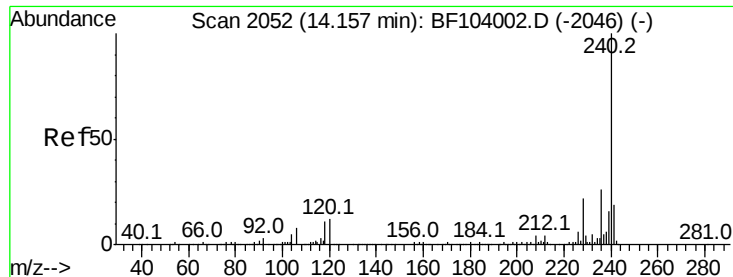
Tot Ion:149 Resp: 622724
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 38.074 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion:202 Resp: 461769
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

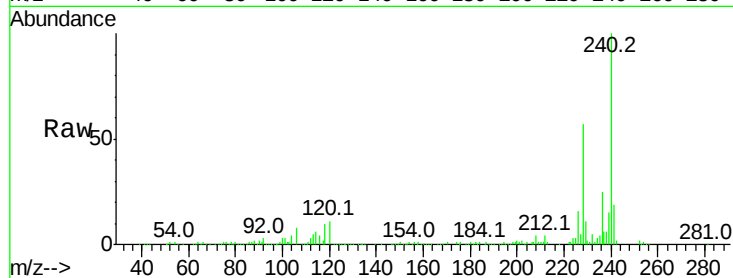
Tot Ion:240 Resp: 183954

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

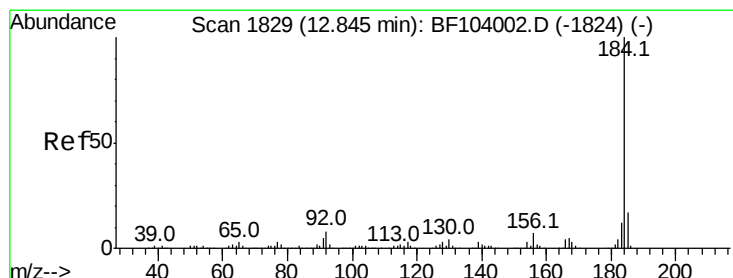
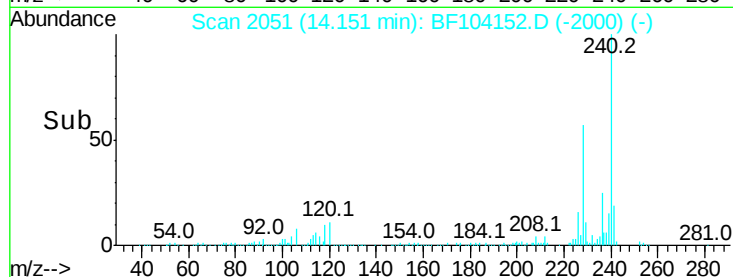
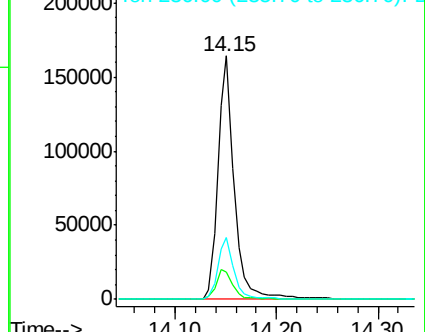
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.941 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

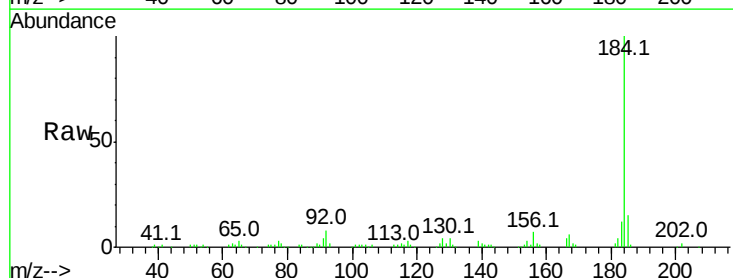
Tgt Ion:184 Resp: 209383

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

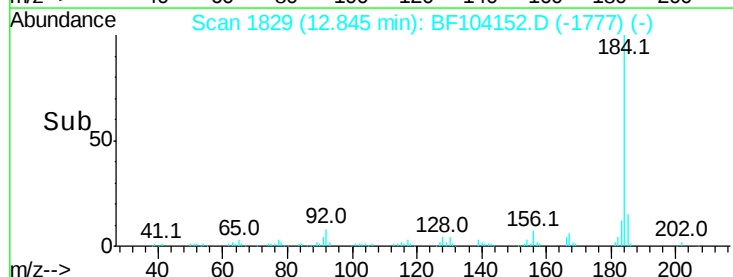
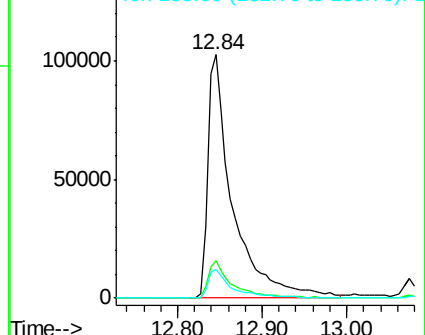
183 11.5 9.3 13.9

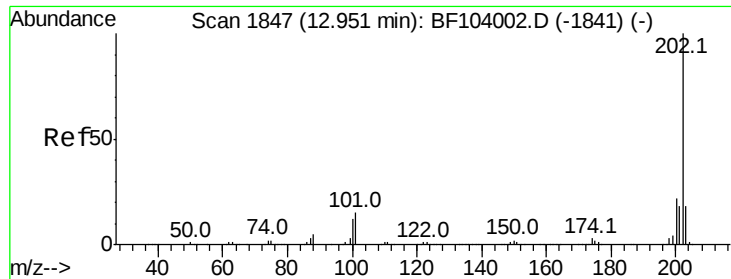


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.607 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

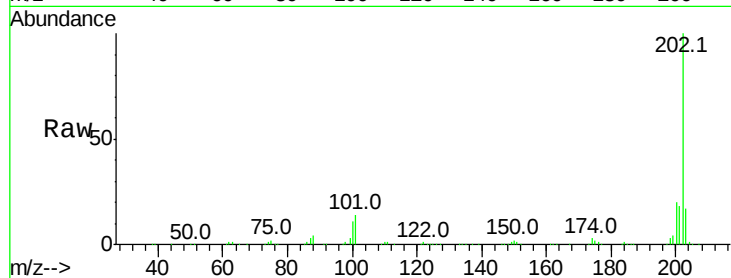
Tot Ion:202 Resp: 470854

Ion Ratio Lower Upper

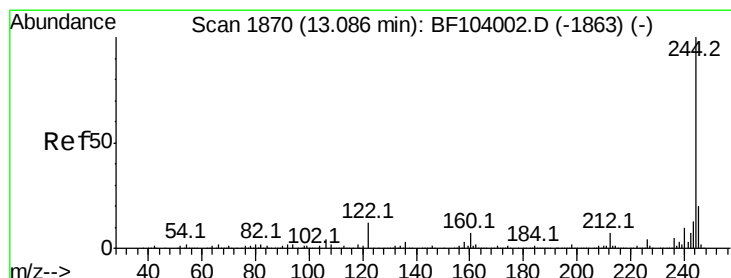
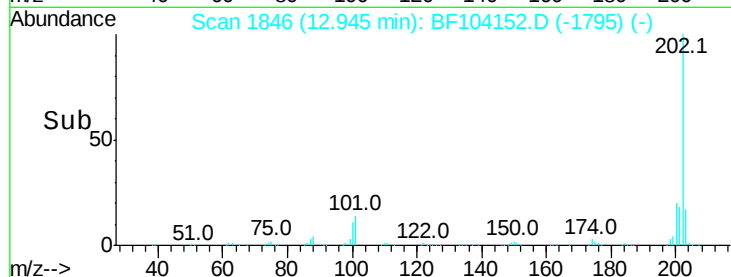
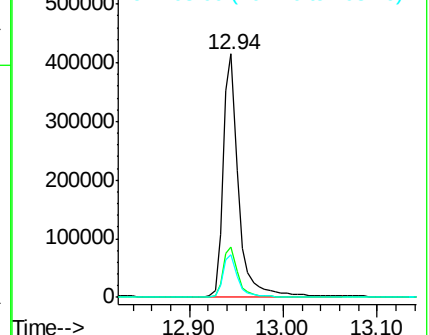
202 100

200 20.4 17.4 26.2

203 17.3 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: 76.261 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

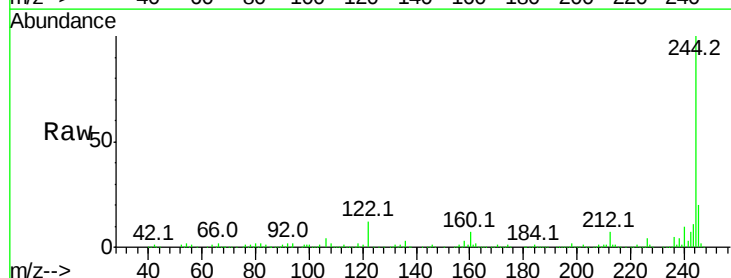
Tgt Ion:244 Resp: 607573

Ion Ratio Lower Upper

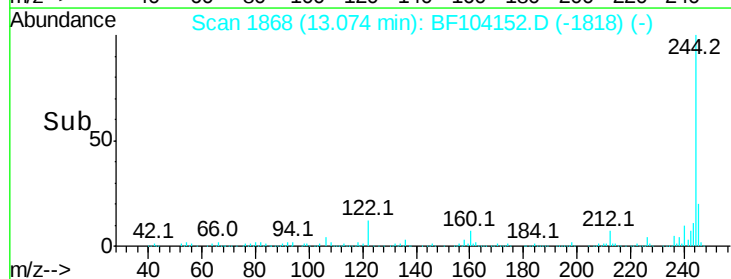
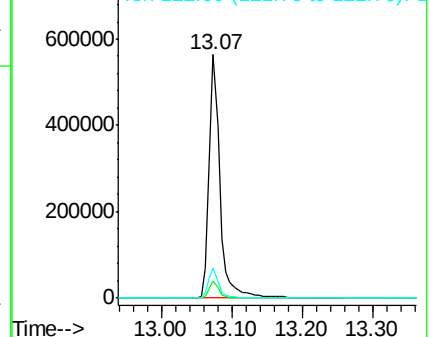
244 100

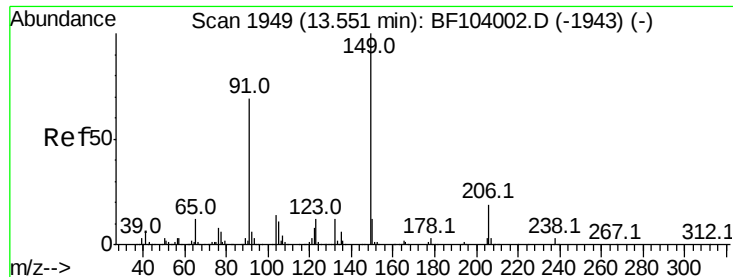
212 6.8 5.4 8.0

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

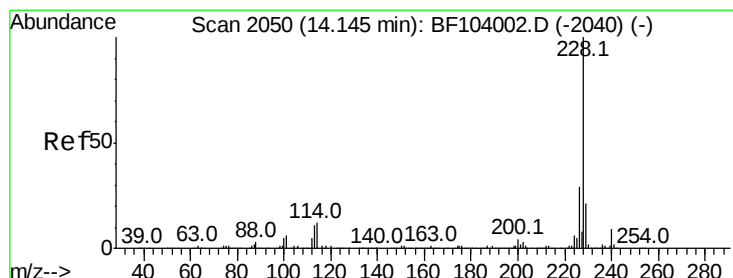
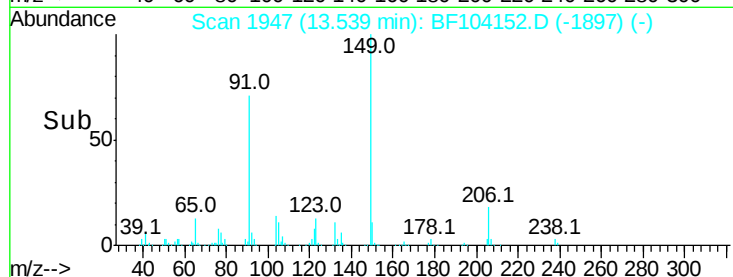
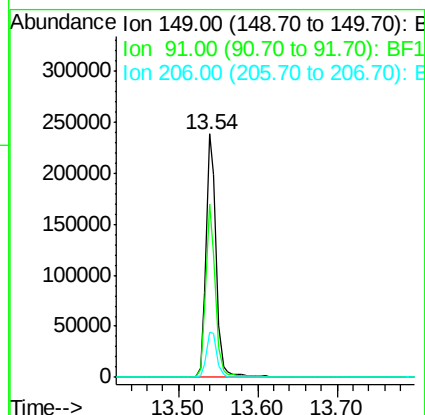
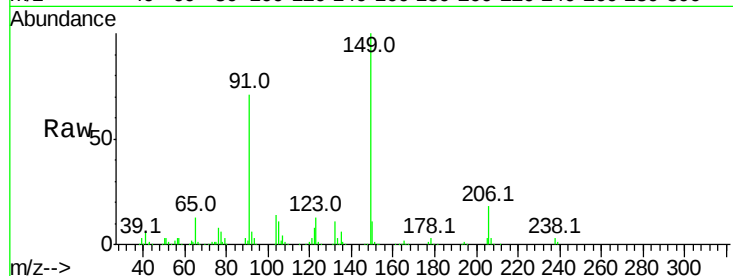




#79
Butylbenzylphthalate
Concen: 35.159 ng
RT: 13.54 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

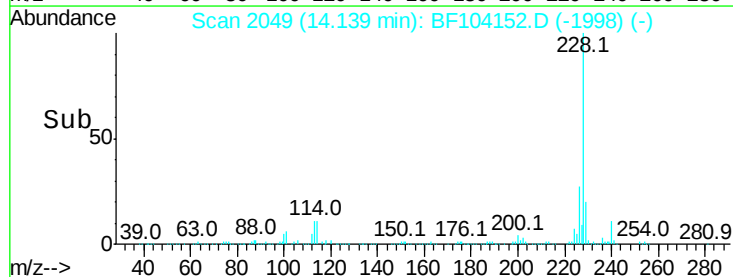
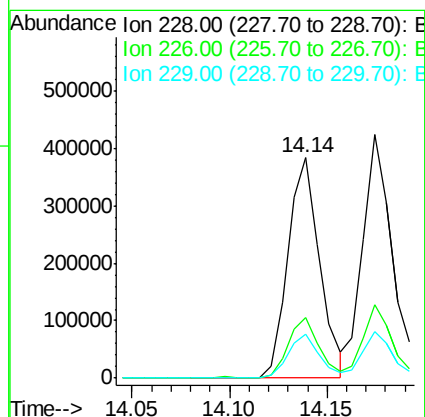
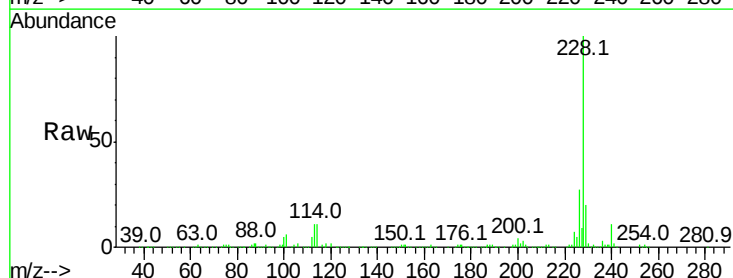
Instrument :
BNA_F
ClientSampleId :

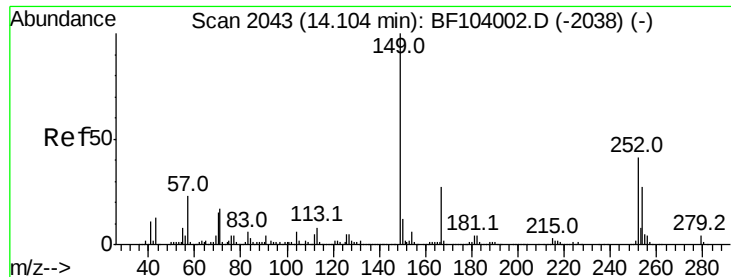
Tot Ion:149 Resp: 219041
Ion Ratio Lower Upper
149 100
91 70.9 56.8 85.2
206 18.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.537 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion:228 Resp: 432057
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.7 15.8 23.6

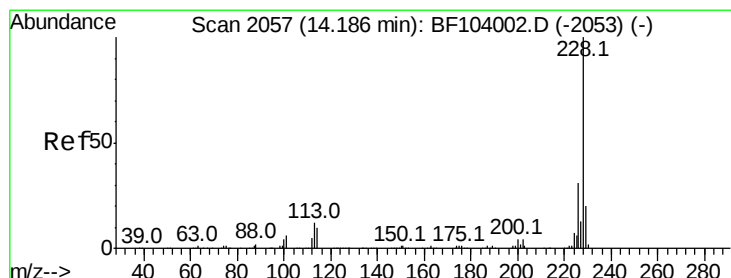
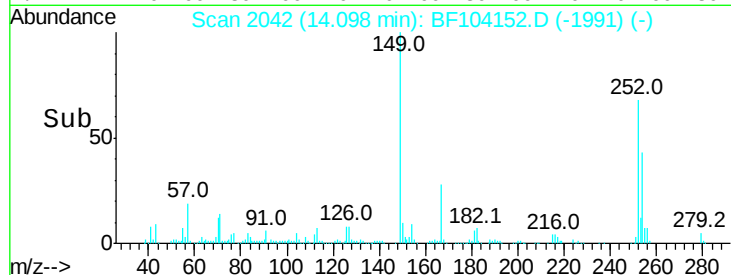
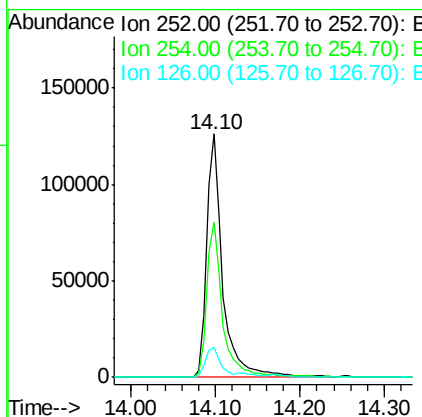
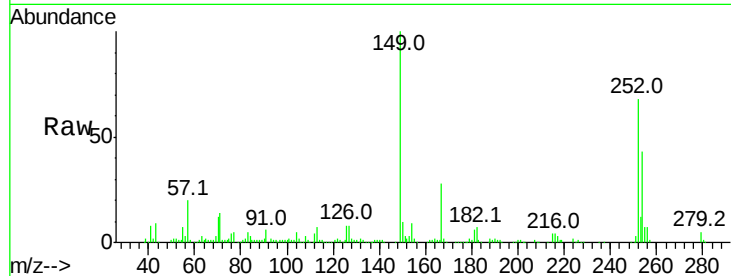




#81
 3,3'-Dichlorobenzidine
 Concen: 43.864 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

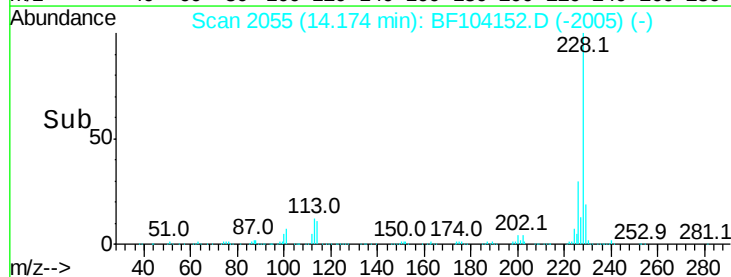
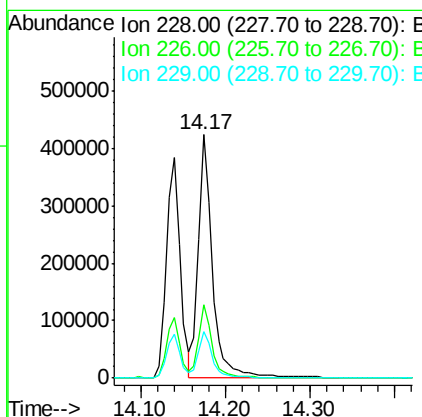
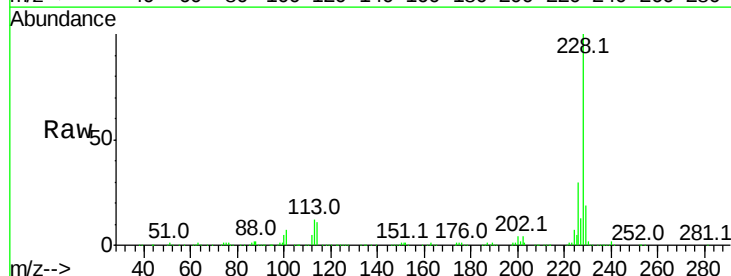
Instrument :
 BNA_F
 ClientSampleId :

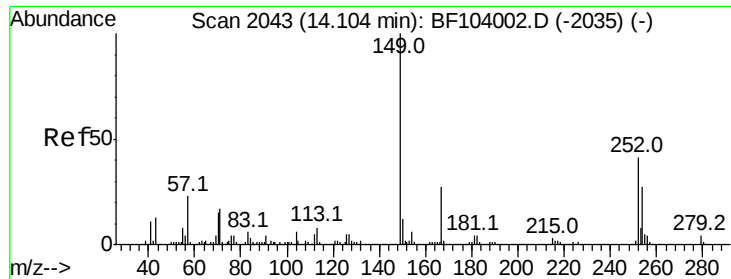
Tot Ion:252 Resp: 167121
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.4 75.6
 126 12.2 11.3 16.9



#82
 Chrysene
 Concen: 43.325 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:228 Resp: 488439
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.1 16.2 24.4

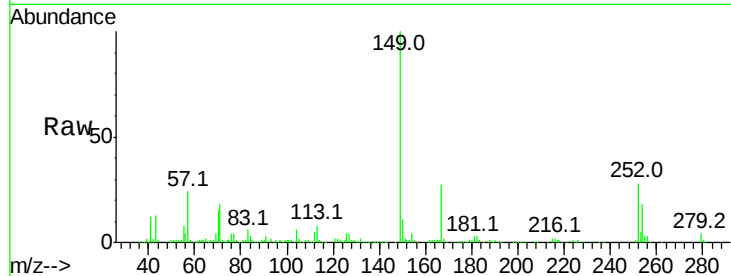




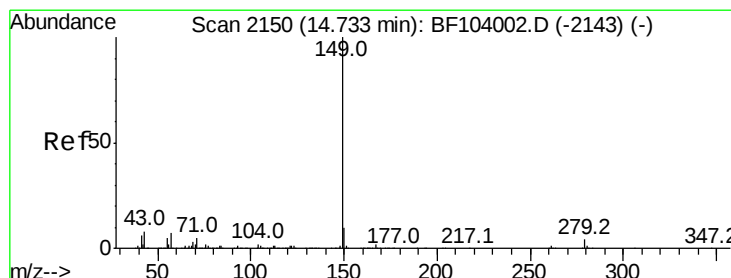
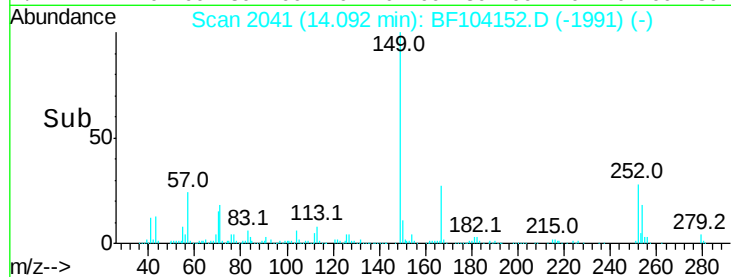
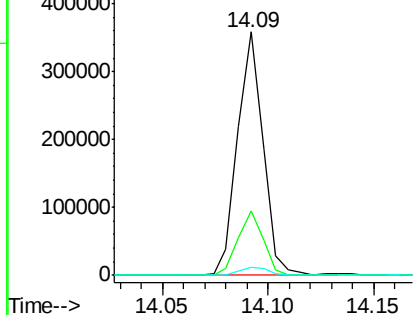
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.276 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 300059
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.5 3.0 4.4

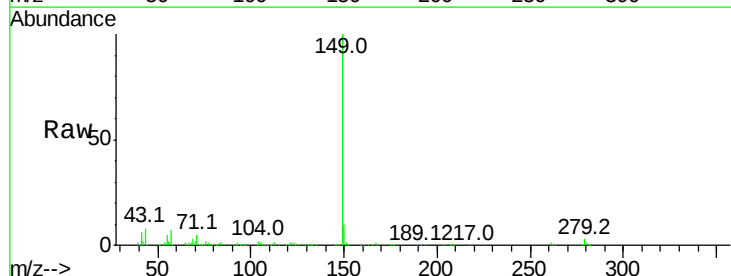


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

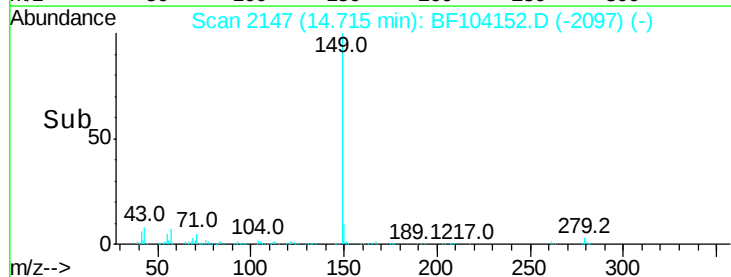
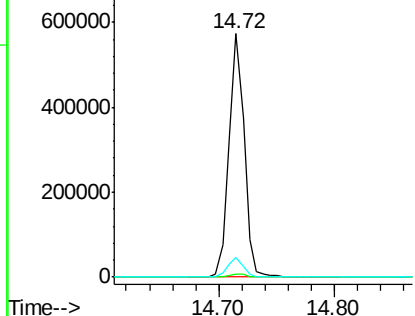


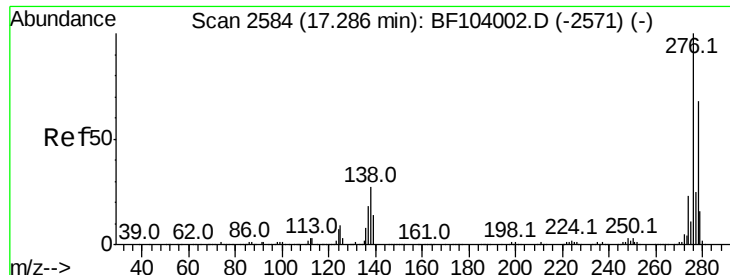
#84
 Di-n-octyl phthalate
 Concen: 38.047 ng
 RT: 14.72 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion:149 Resp: 526830
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.1 8.4 12.6#



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

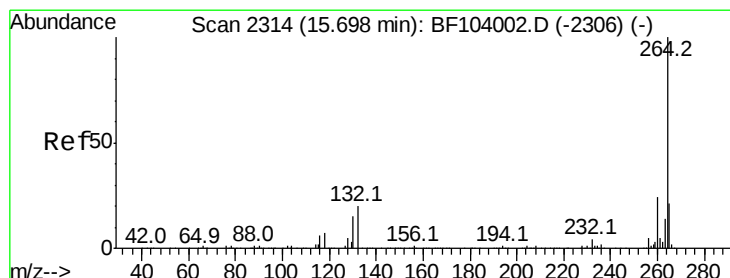
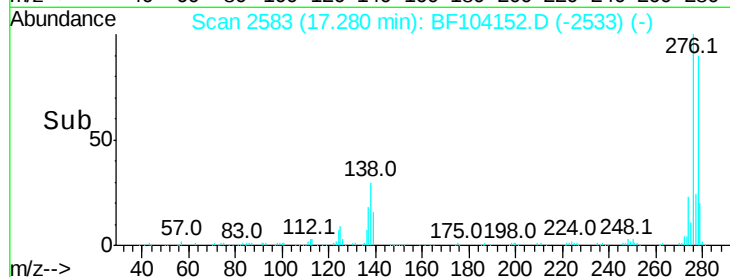
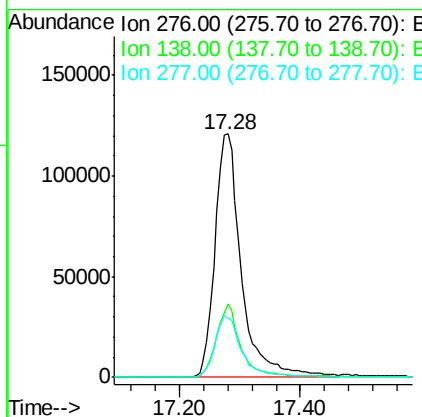
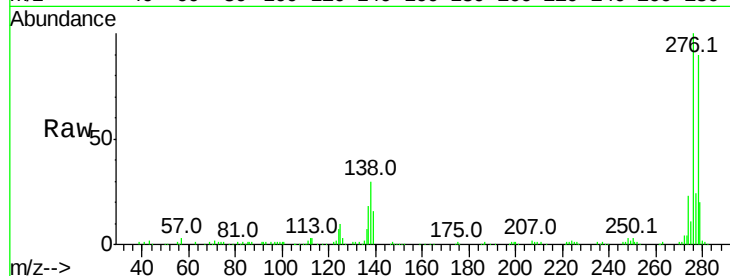




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.457 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

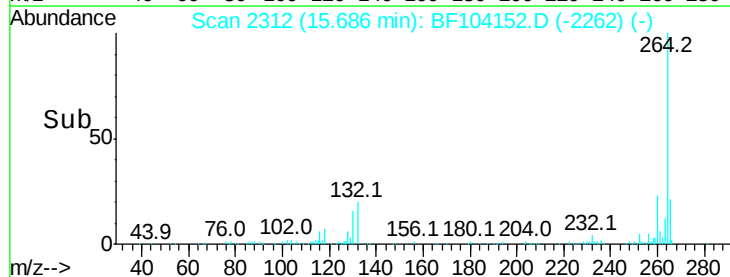
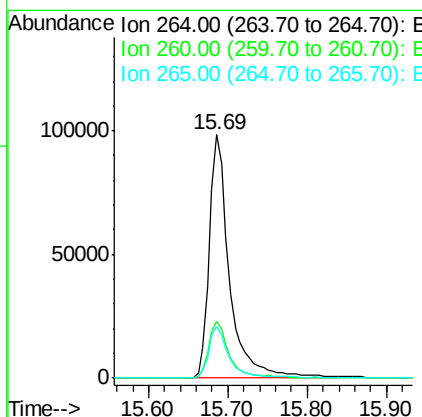
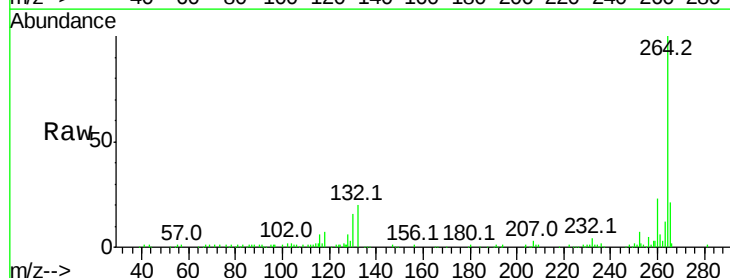
Instrument :
 BNA_F
 ClientSampleId :

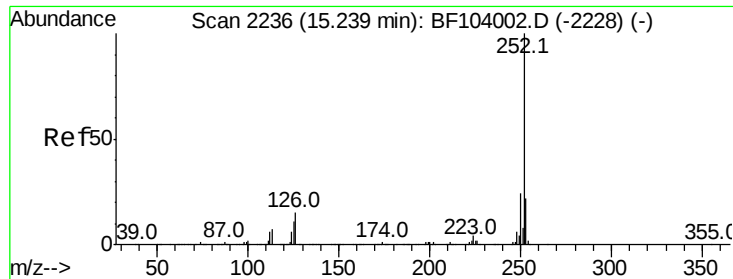
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.353 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF104152.D

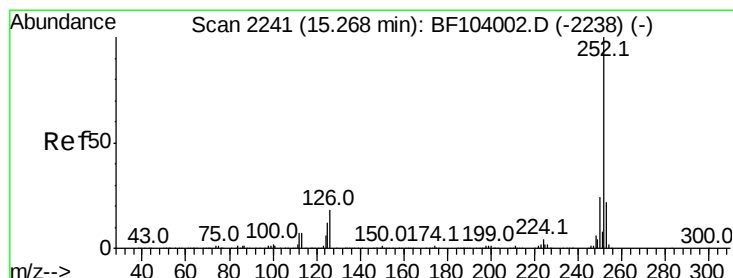
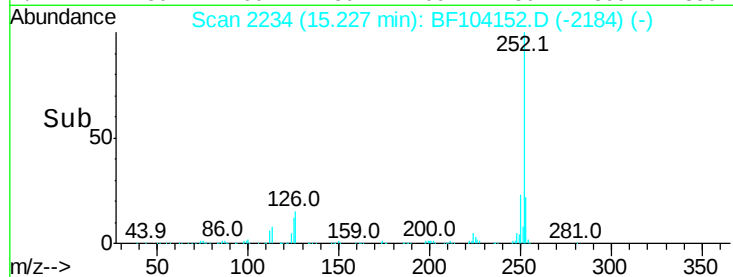
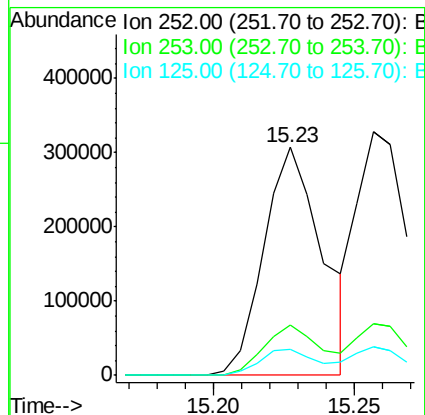
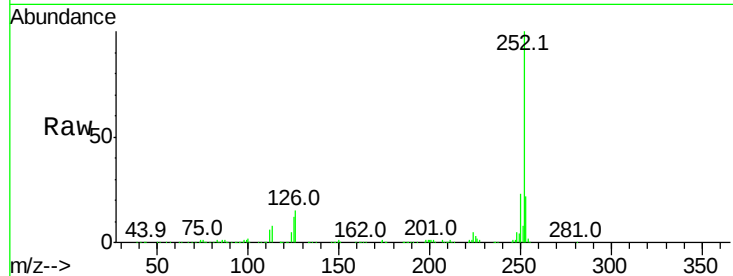
Acq: 3 Apr 2018 1:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:252	Resp:	439743
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.0 25.6
125	11.6	9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 48.762 ng

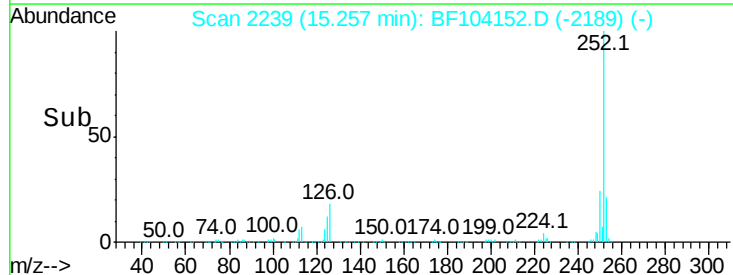
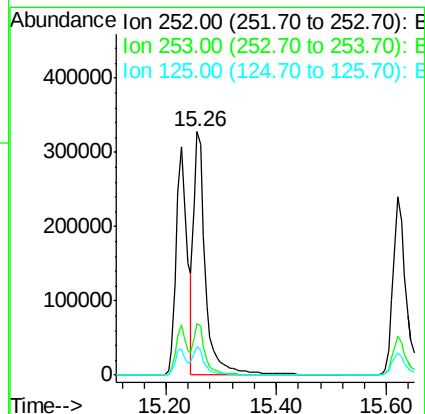
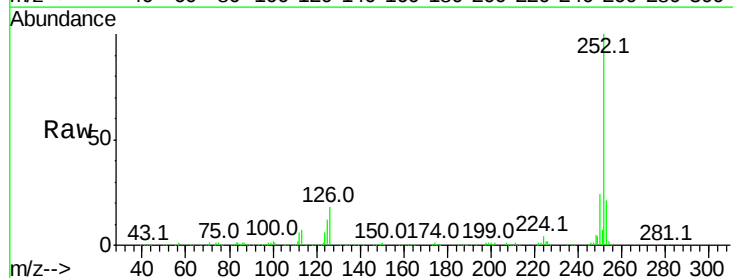
RT: 15.26 min Scan# 2239

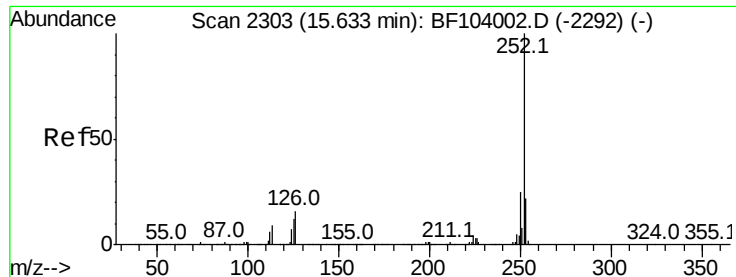
Delta R.T. -0.01 min

Lab File: BF104152.D

Acq: 3 Apr 2018 1:19

Tgt Ion:252	Resp:	488455
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.9 26.9
125	11.8	10.2 15.2

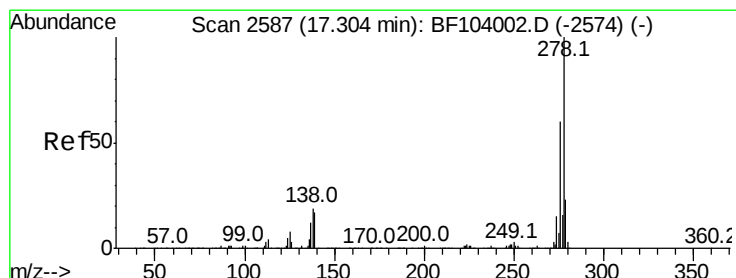
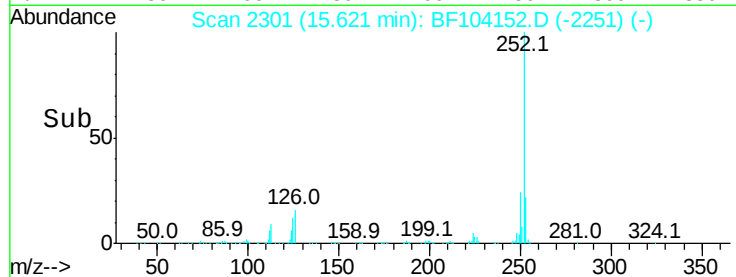
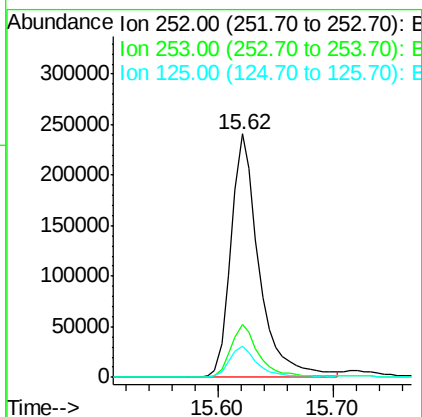
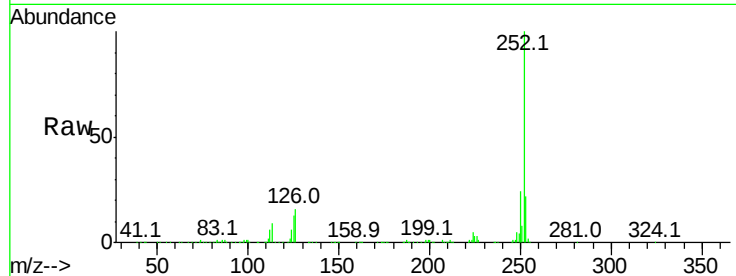




#89
Benzo(a)pyrene
Concen: 41.106 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

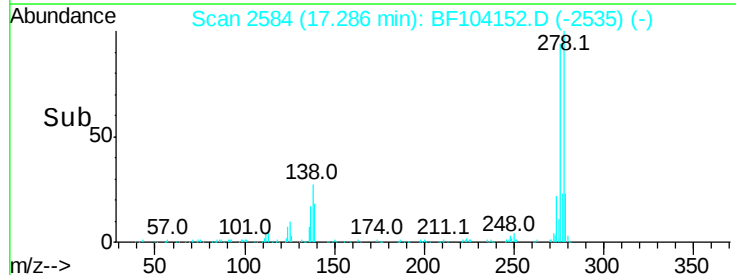
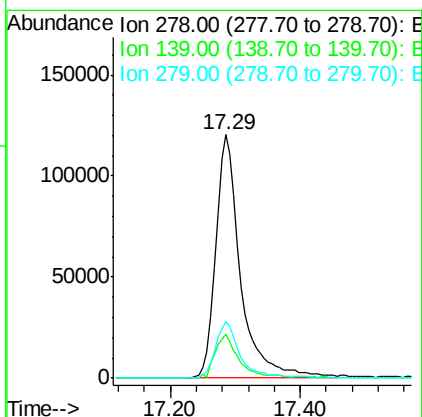
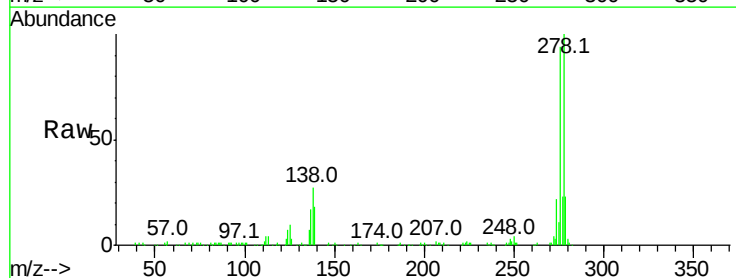
Instrument :
BNA_F
ClientSampleId :

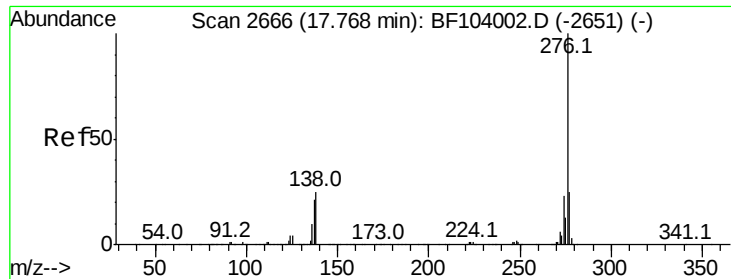
Tot Ion:252 Resp: 405070
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 12.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 34.963 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BF104152.D
Acq: 3 Apr 2018 1:19

Tgt Ion:278 Resp: 318548
Ion Ratio Lower Upper
278 100
139 18.2 15.9 23.9
279 23.2 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 30.586 ng
 RT: 17.76 min Scan# 2664
 Delta R.T. -0.01 min
 Lab File: BF104152.D
 Acq: 3 Apr 2018 1:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	23.4	21.8	32.8

