

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF103000.D
 Acq On : 14 Feb 2018 20:08
 Operator : SJ/JU
 Sample : J1539-21MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 00:08:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	181051	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	713150	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	269040	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	394875	20.00	ng	0.01
75) Chrysene-d12	14.06	240	307619	20.00	ng	0.02
86) Perylene-d12	15.53	264	269974	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1151279	96.57	ng	0.02
7) Phenol-d6	6.52	99	1363340	94.98	ng	0.02
23) Nitrobenzene-d5	7.45	82	835040	81.23	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	191474	88.42	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1114561	68.74	ng	0.00
78) Terphenyl-d14	12.99	244	801547	61.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	192521	32.69	ng	88
3) Pyridine	3.49	79	509299	31.31	ng	91
4) n-Nitrosodimethylamine	3.43	42	261918	37.63	ng	100
6) Aniline	6.55	93	306572	14.46	ng	94
8) 2-Chlorophenol	6.67	128	438897	35.76	ng	97
9) Benzaldehyde	6.43	77	118556	11.12	ng	100
10) Phenol	6.53	94	582774	37.88	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	455249	35.56	ng	92
12) 1,3-Dichlorobenzene	6.82	146	456761	32.14	ng	100
13) 1,4-Dichlorobenzene	6.90	146	464946	32.84	ng	99
14) 1,2-Dichlorobenzene	7.05	146	425756	32.29	ng	97
15) Benzyl Alcohol	7.02	79	379081	34.35	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	777372	31.97	ng	98
17) 2-Methylphenol	7.13	107	379325	33.51	ng	98
18) Hexachloroethane	7.39	117	138910	28.61	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	293903	31.05	ng	96
20) 3+4-Methylphenols	7.29	107	433990	31.09	ng	# 66
22) Acetophenone	7.29	105	586945	33.63	ng	# 94
24) Nitrobenzene	7.46	77	460937	38.11	ng	98
25) Isophorone	7.70	82	845461	35.72	ng	98
26) 2-Nitrophenol	7.77	139	137138	31.29	ng	95
27) 2,4-Dimethylphenol	7.82	122	371092	37.11	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	544282	38.81	ng	99
29) 2,4-Dichlorophenol	8.02	162	316336	34.79	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	327509	31.84	ng	99
31) Naphthalene	8.19	128	1193274	34.25	ng	99
32) Benzoic acid	7.95	122	12879	10.30	ng	# 27
33) 4-Chloroaniline	8.23	127	155082	10.33	ng	98
34) Hexachlorobutadiene	8.30	225	167429	31.77	ng	98
35) Caprolactam	8.59	113	95952	30.39	ng	# 77
36) 4-Chloro-3-methylphenol	8.72	107	335261	32.82	ng	97
37) 2-Methylnaphthalene	8.87	142	780417	34.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	271883	37.11	ng	99
40) Hexachlorocyclopentadiene	9.02	237	26705	7.67	ng	98

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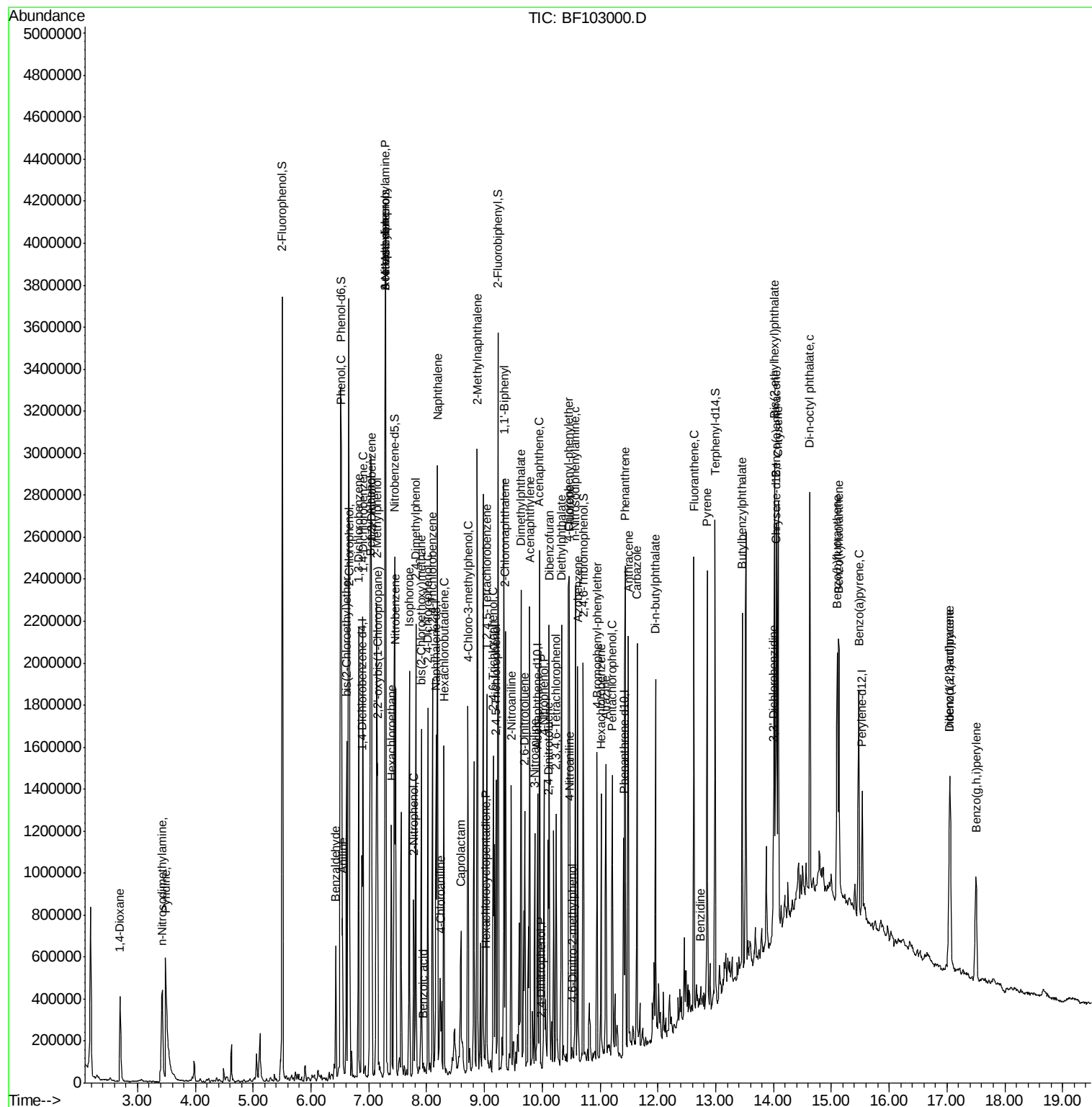
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	177529	36.90	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	181747	33.51	nq	97
45) 1,1'-Biphenyl	9.34	154	810974	35.79	nq	98
46) 2-Chloronaphthalene	9.36	162	613448	34.39	nq	99
47) 2-Nitroaniline	9.46	65	232441	42.64	nq	98
48) Acenaphthylene	9.78	152	888051	32.05	nq	100
49) Dimethylphthalate	9.63	163	969145	46.20	nq	100
50) 2,6-Dinitrotoluene	9.70	165	139838	35.04	nq	90
51) Acenaphthene	9.95	154	516996	31.20	nq	99
52) 3-Nitroaniline	9.87	138	167417	34.09	nq	98
53) 2,4-Dinitrophenol	9.98	184	602	8.79	nq	# 55
54) Dibenzofuran	10.12	168	772420	33.08	nq	96
55) 4-Nitrophenol	10.03	139	215271	54.68	nq	95
56) 2,4-Dinitrotoluene	10.10	165	160061	31.06	nq	96
57) Fluorene	10.47	166	555893	32.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	123408	32.83	nq	# 99
59) Diethylphthalate	10.33	149	680458	32.85	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	257375	34.24	nq	100
61) 4-Nitroaniline	10.49	138	172811	36.97	nq	89
62) Azobenzene	10.62	77	624202	30.17	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	4485	11.30	nq	# 65
65) n-Nitrosodiphenylamine	10.57	169	513714	36.88	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	148675	35.59	nq	98
67) Hexachlorobenzene	11.02	284	148013	32.12	nq	97
68) Atrazine	11.10	200	140873	34.28	nq	98
69) Pentachlorophenol	11.21	266	126264	46.68	nq	99
70) Phenanthrene	11.43	178	817896	37.19	nq	98
71) Anthracene	11.49	178	767641	34.32	nq	99
72) Carbazole	11.64	167	725008	33.08	nq	100
73) Di-n-butylphthalate	11.96	149	922385	34.65	nq	98
74) Fluoranthene	12.62	202	875592	39.57	nq	98
76) Benzidine	12.74	184	31875	2.25	nq	# 96
77) Pyrene	12.86	202	885647	36.72	nq	99
79) Butylbenzylphthalate	13.46	149	402320	35.15	nq	98
80) Benzo(a)anthracene	14.04	228	751208	38.83	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	142009	19.80	nq	97
82) Chrysene	14.08	228	742235	38.06	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	564271	38.19	nq	# 99
84) Di-n-octyl phthalate	14.63	149	971266	43.77	nq	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	511862	31.65	nq	98
87) Benzo(b)fluoranthene	15.10	252	688130	39.31	nq	98
88) Benzo(k)fluoranthene	15.13	252	559845	33.47	nq	98
89) Benzo(a)pyrene	15.47	252	558747	35.46	nq	# 95
90) Dibenzo(a,h)anthracene	17.06	278	426415	33.34	nq	95
91) Benzo(g,h,i)perylene	17.50	276	428598	34.24	nq	95

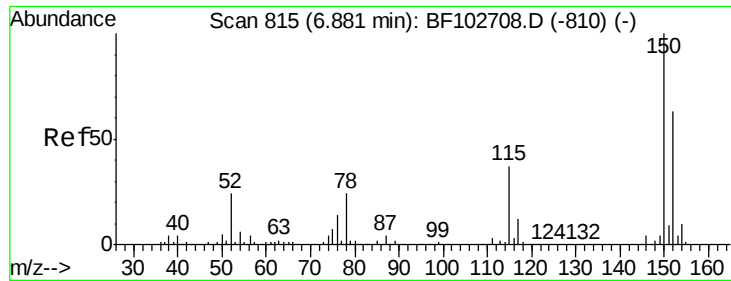
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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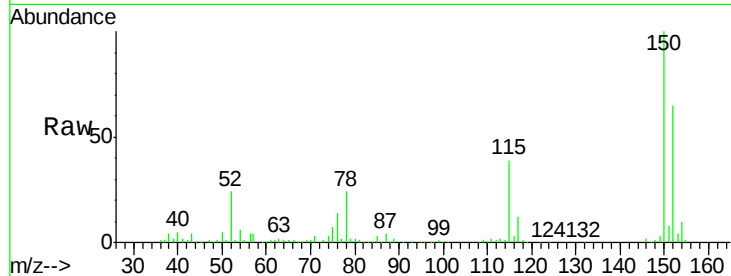


#1

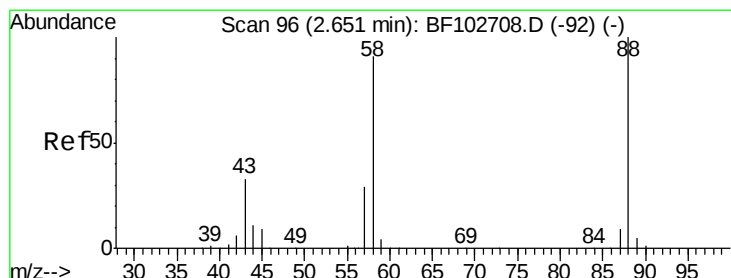
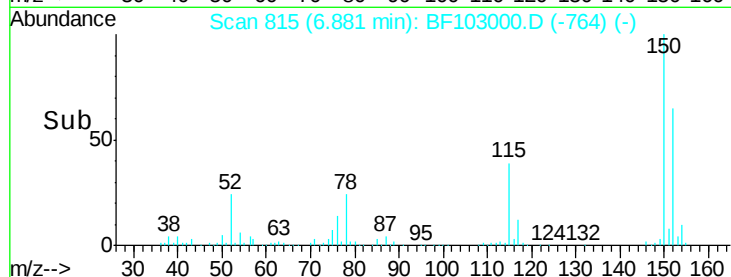
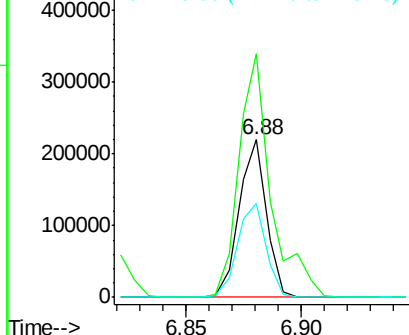
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 181051
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 59.9 50.1 75.1



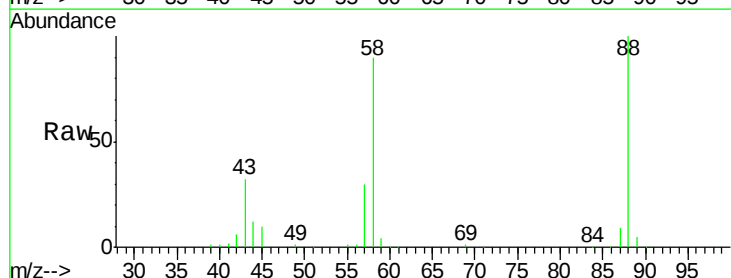
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



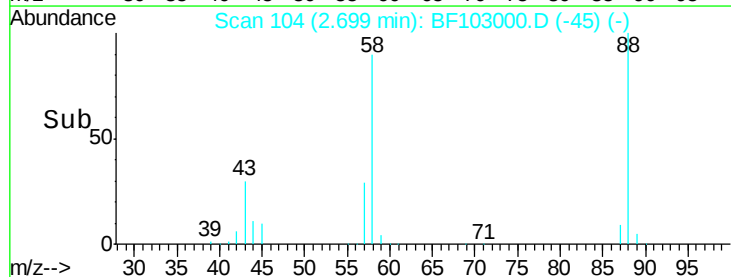
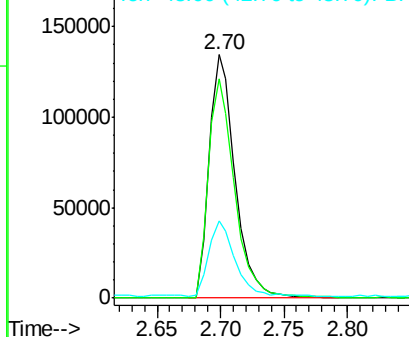
#2

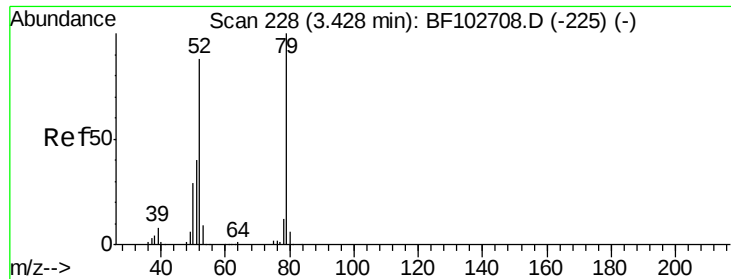
1,4-Dioxane
Concen: 32.69 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.05 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion: 88 Resp: 192521
Ion Ratio Lower Upper
88 100
58 92.0 62.6 93.8
43 31.4 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: 31.31 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

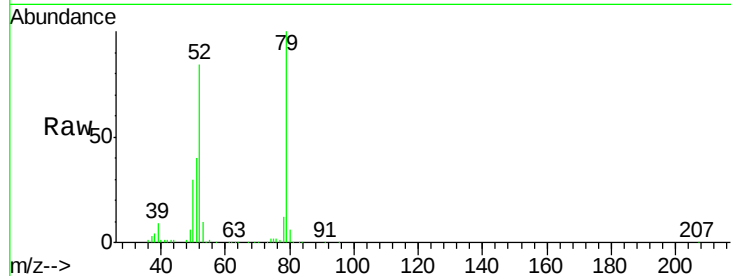
Tot Ion: 79 Resp: 509299

Ion Ratio Lower Upper

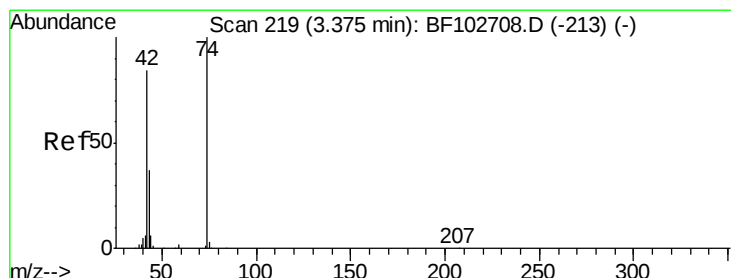
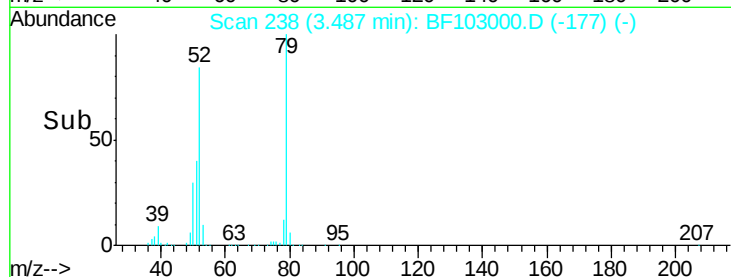
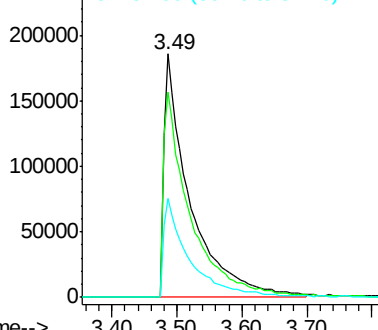
79 100

52 84.4 59.8 89.6

51 40.5 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: 37.63 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

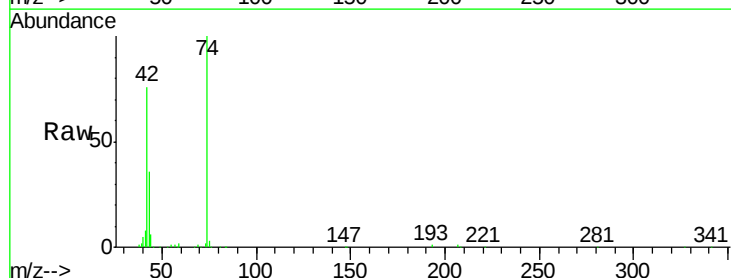
Tgt Ion: 42 Resp: 261918

Ion Ratio Lower Upper

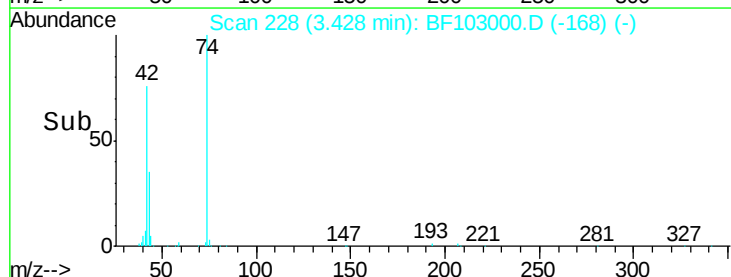
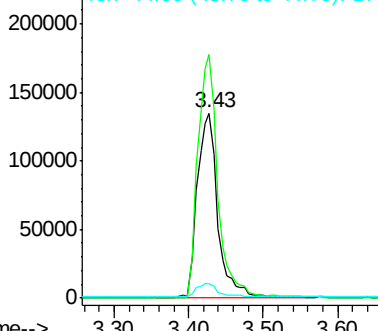
42 100

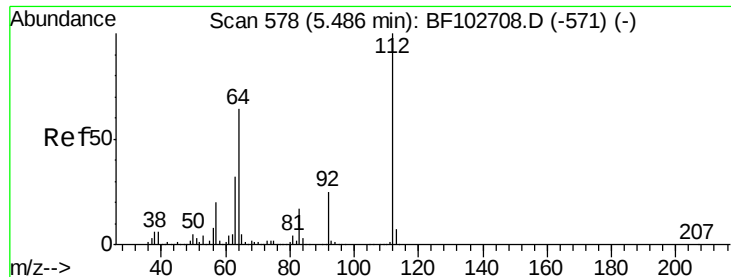
74 131.5 104.9 157.3

44 8.1 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: 96.57 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampled :

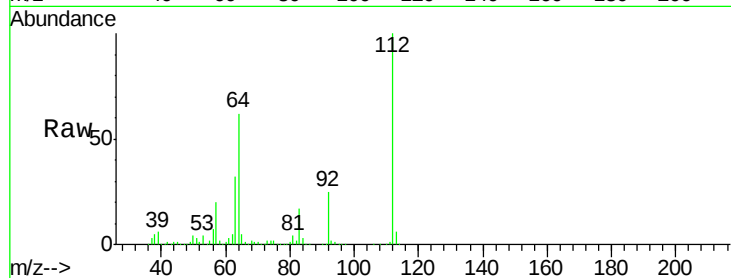
Tot Ion:112 Resp: 1151279

Ion Ratio Lower Upper

112 100

64 62.4 47.9 71.9

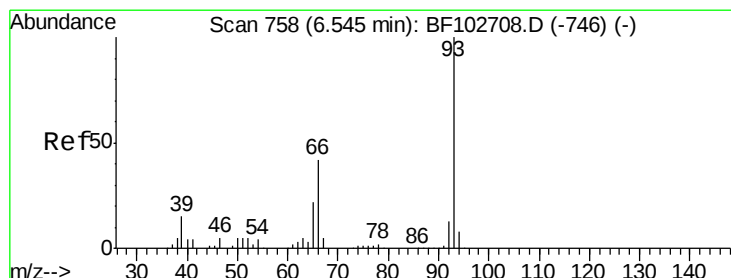
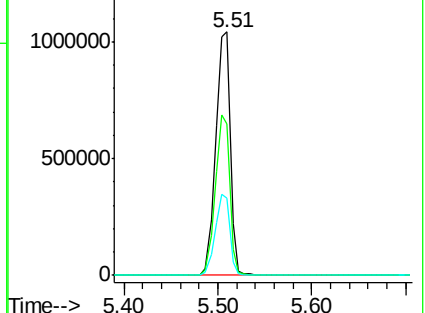
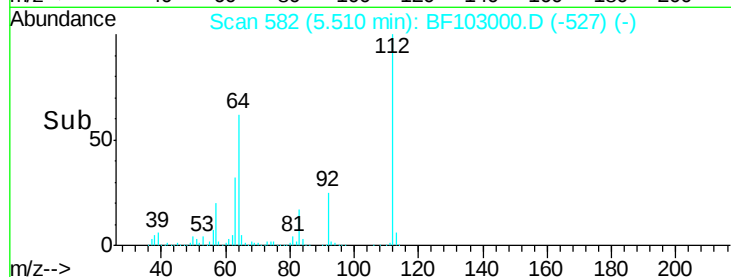
63 31.6 23.7 35.5



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: 14.46 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

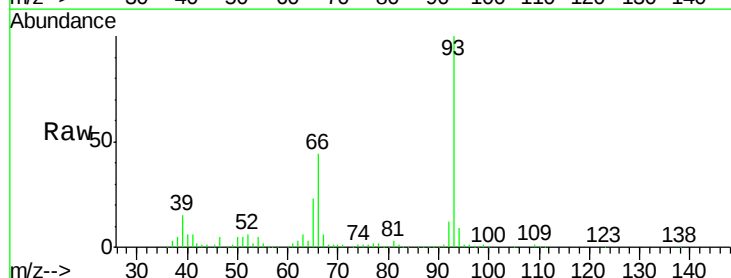
Tgt Ion: 93 Resp: 306572

Ion Ratio Lower Upper

93 100

66 43.8 32.2 48.2

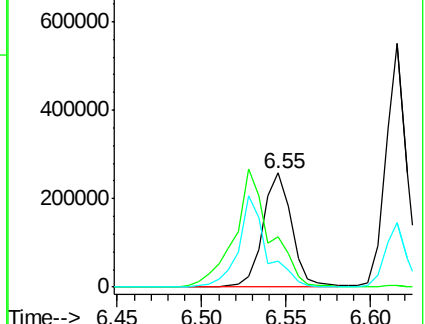
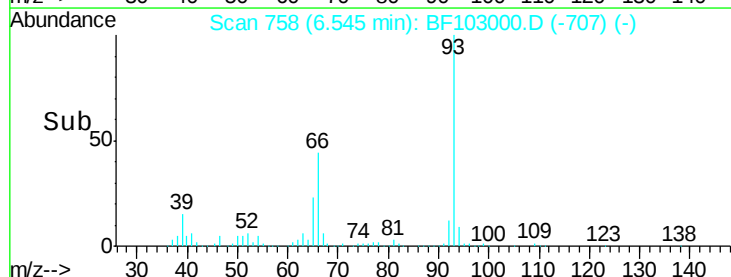
65 22.7 16.4 24.6

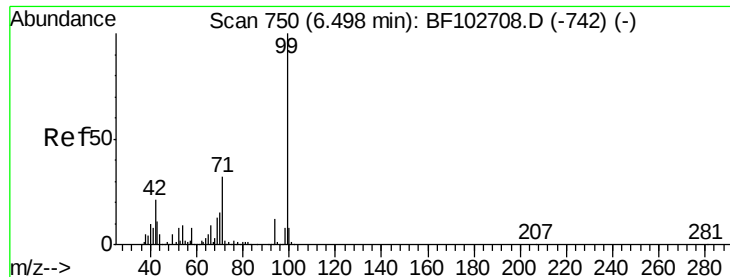


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.98 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

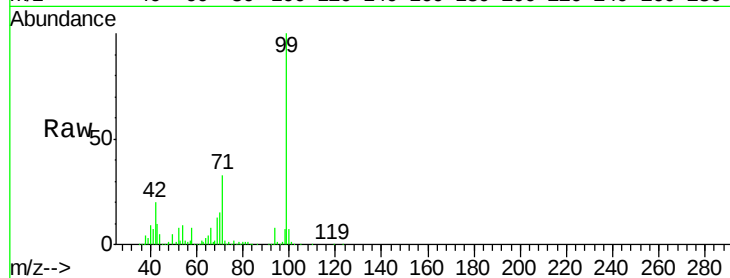
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1363340

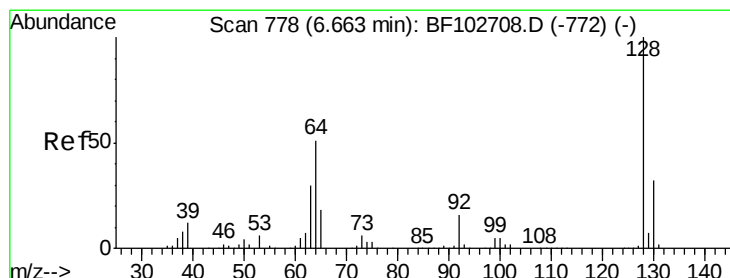
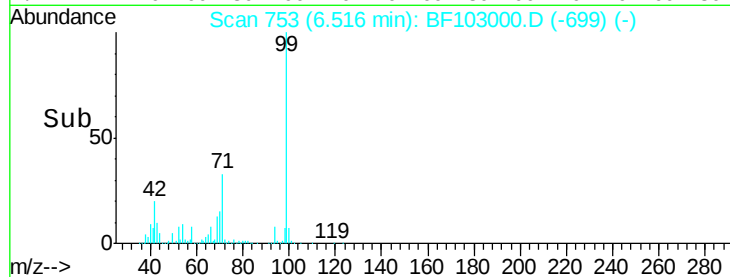
Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	33.0	25.4	38.0



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: 35.76 ng

RT: 6.67 min Scan# 779

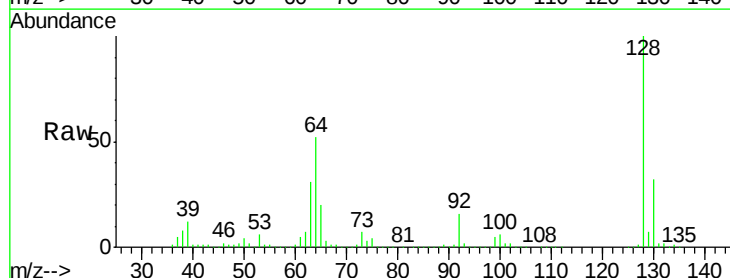
Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion: 128 Resp: 438897

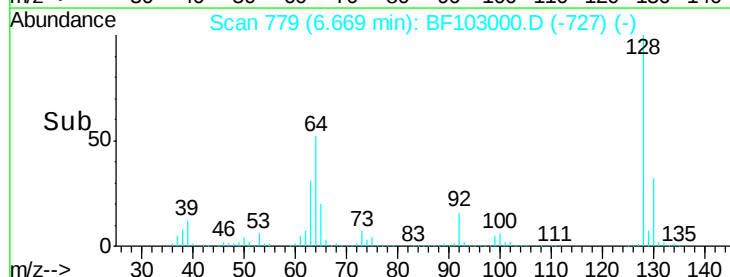
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	52.2	29.4	69.4

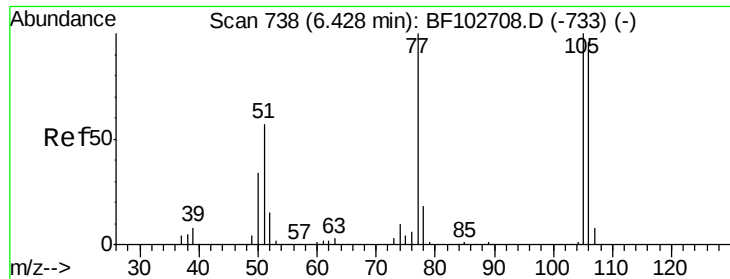


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.12 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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ClientSampleId :

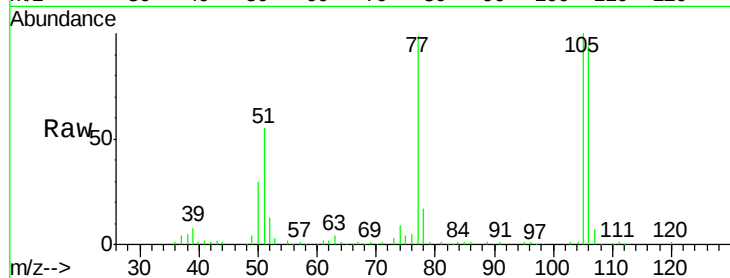
Tot Ion: 77 Resp: 118556

Ion Ratio Lower Upper

77 100

105 100.8 81.1 121.1

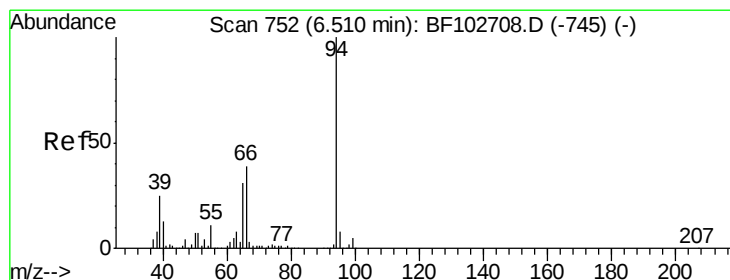
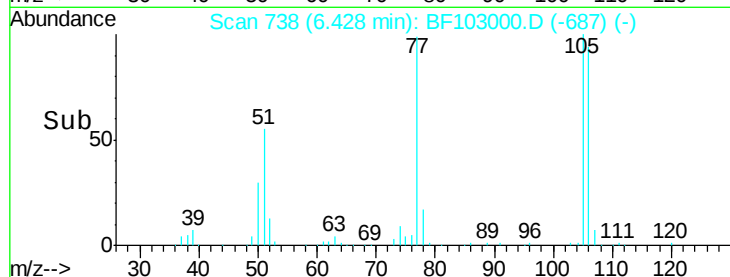
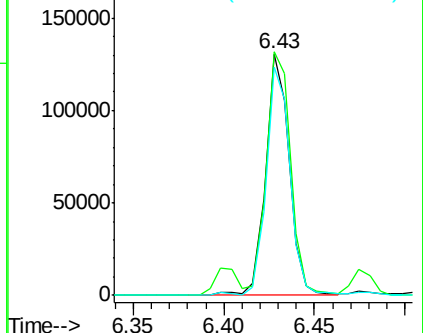
106 94.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.88 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

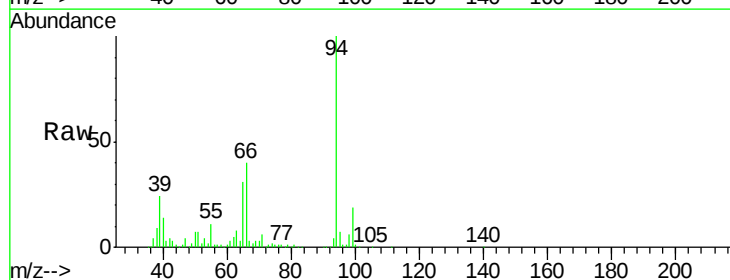
Tgt Ion: 94 Resp: 582774

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

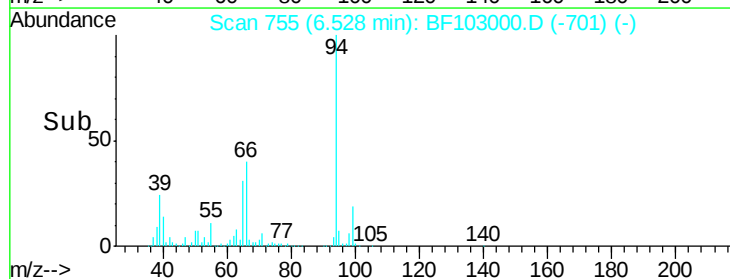
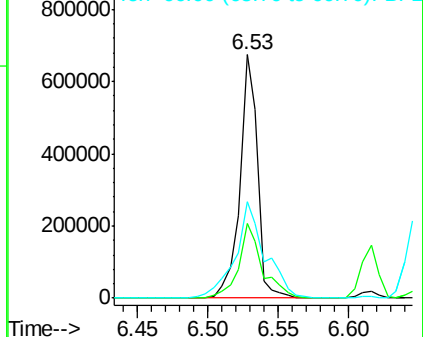
66 39.6 16.2 56.2

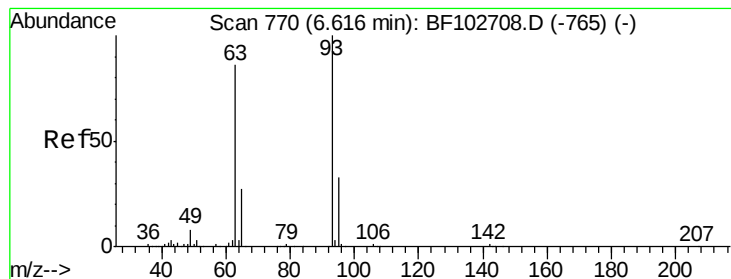


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

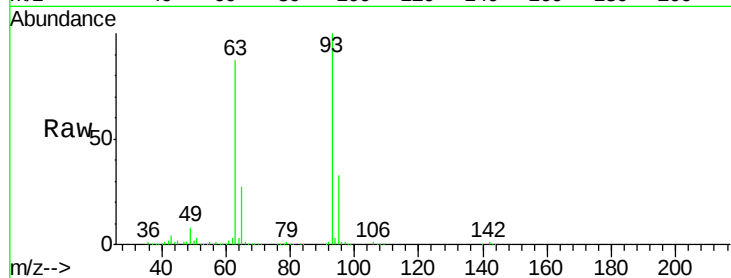




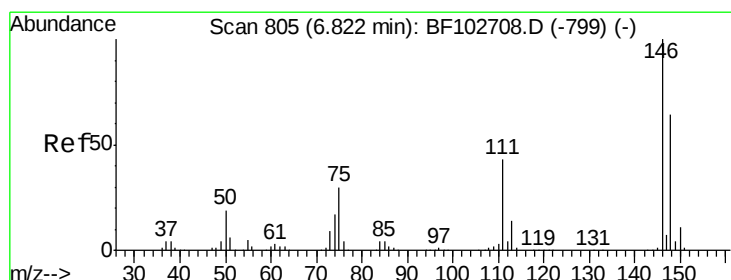
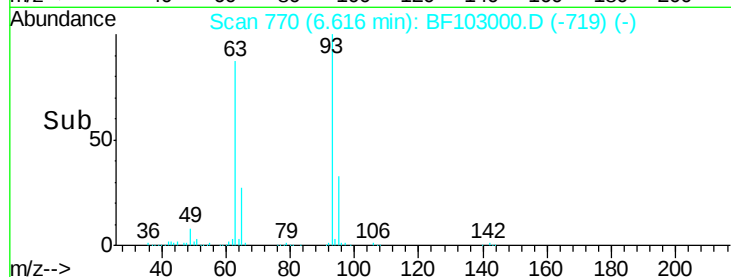
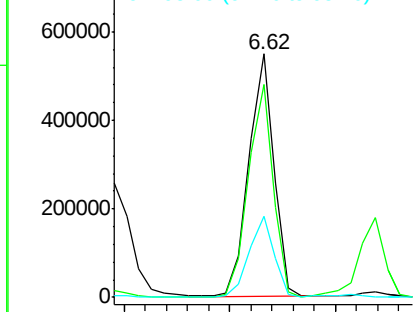
#11
bis(2-Chloroethyl)ether
Concen: 35.56 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.3	58.6	98.6
95	33.1	11.8	51.8

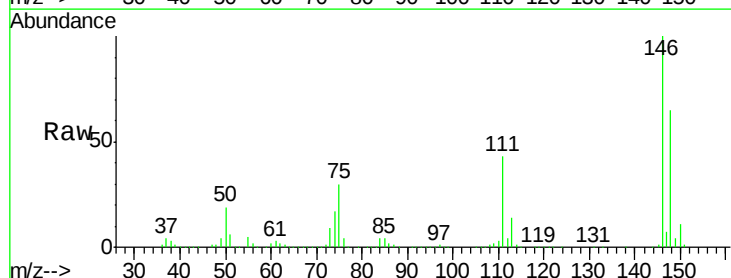


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

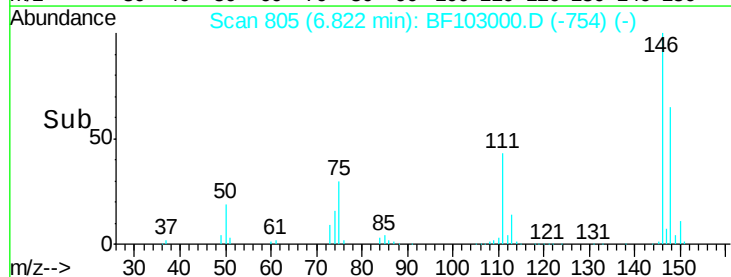
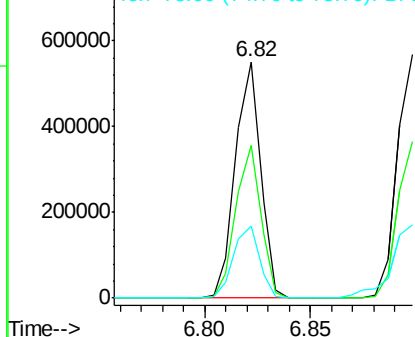


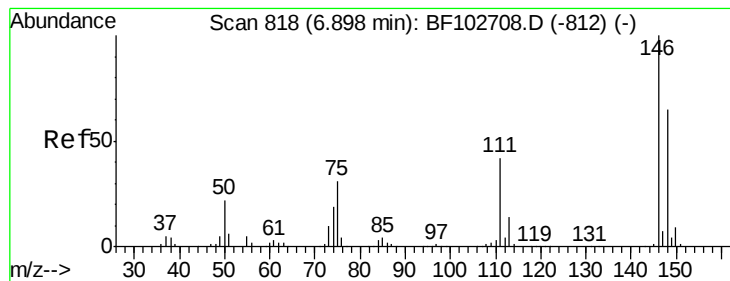
#12
1,3-Dichlorobenzene
Concen: 32.14 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	30.5	24.2	36.4



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





#13

1,4-Dichlorobenzene

Concen: 32.84 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

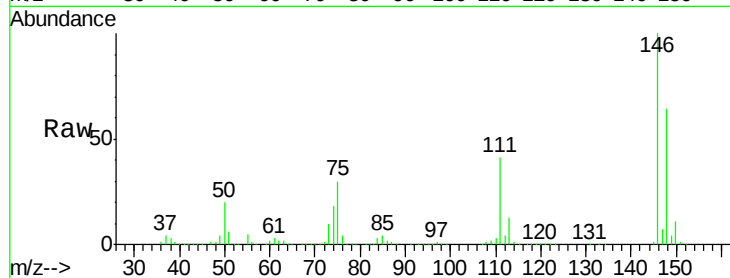
Tot Ion:146 Resp: 464946

Ion Ratio Lower Upper

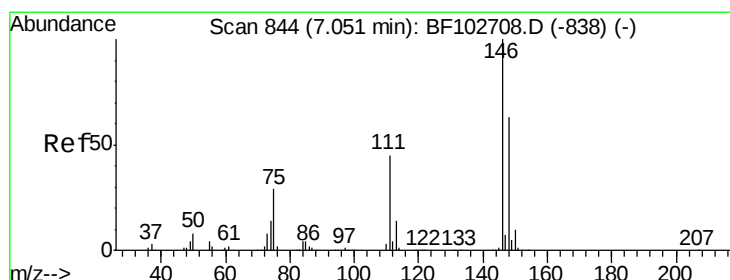
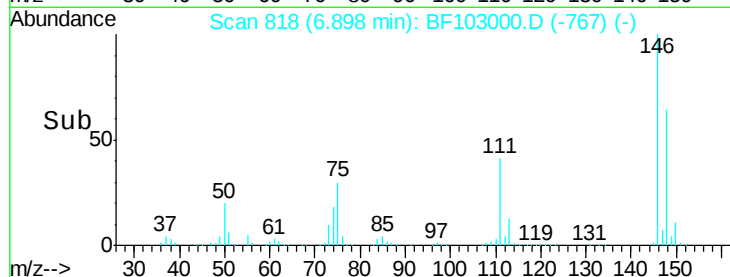
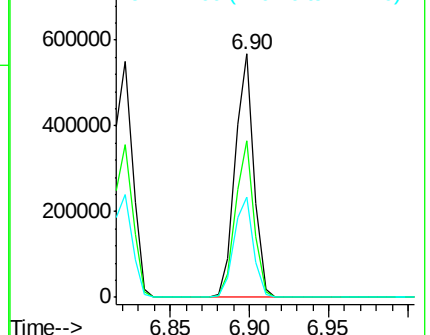
146 100

148 64.1 50.8 76.2

111 41.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.29 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

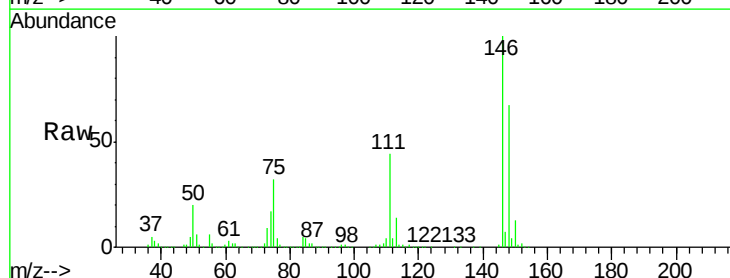
Tgt Ion:146 Resp: 425756

Ion Ratio Lower Upper

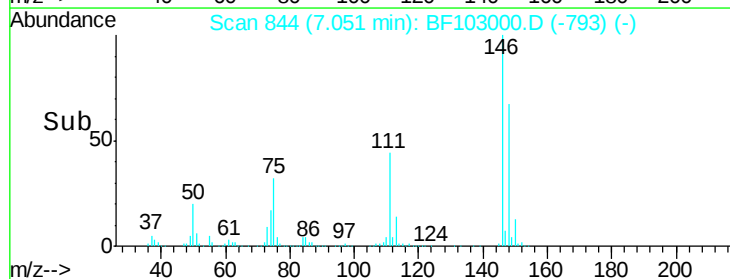
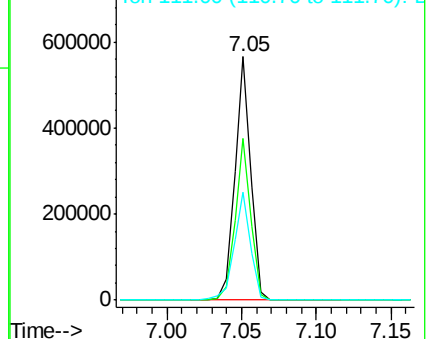
146 100

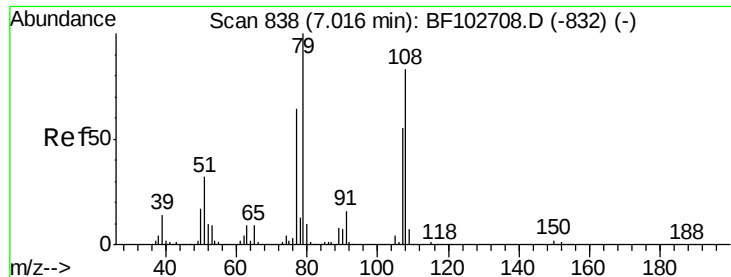
148 66.5 50.6 75.8

111 44.5 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.35 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampled :

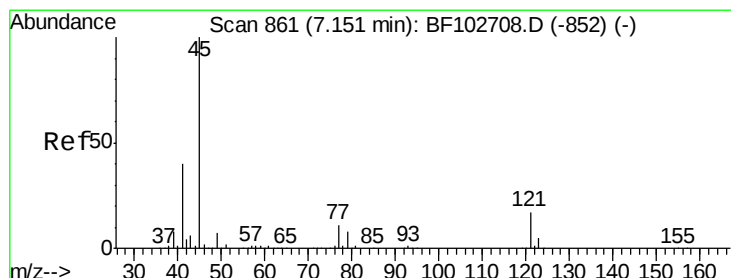
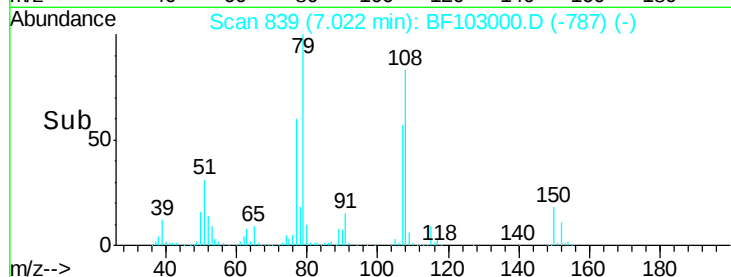
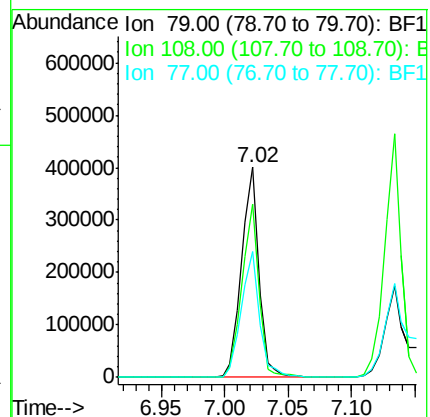
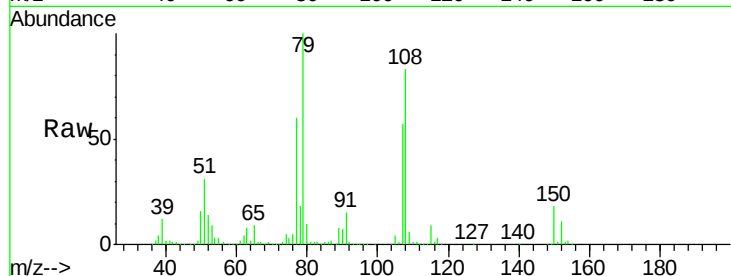
Tot Ion: 79 Resp: 379081

Ion Ratio Lower Upper

79 100

108 82.7 65.1 97.7

77 59.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.97 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

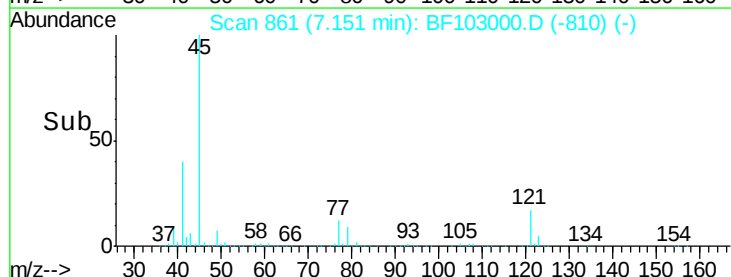
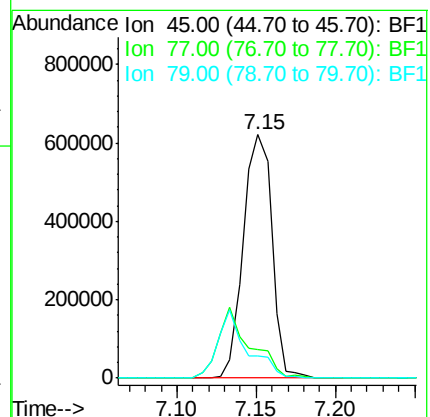
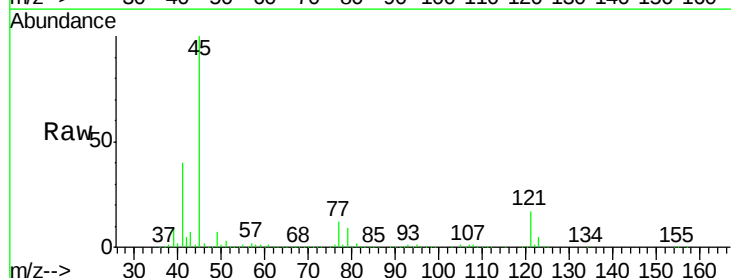
Tgt Ion: 45 Resp: 777372

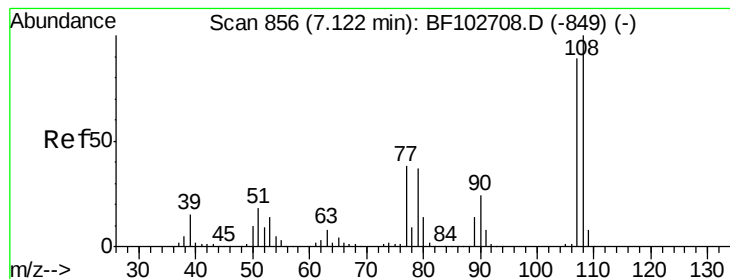
Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.9

79 9.1 0.0 29.6

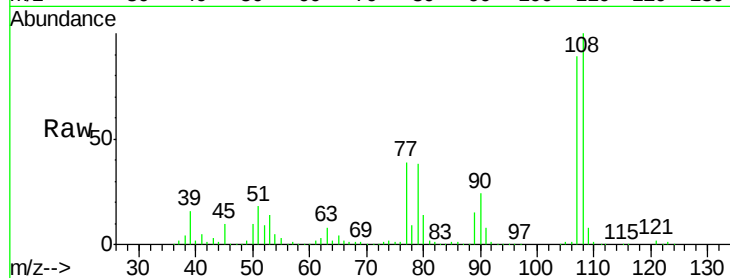




#17
2-Methylphenol
Concen: 33.51 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.7	137.5
77	43.2	33.8	50.8
79	42.0	33.8	50.8



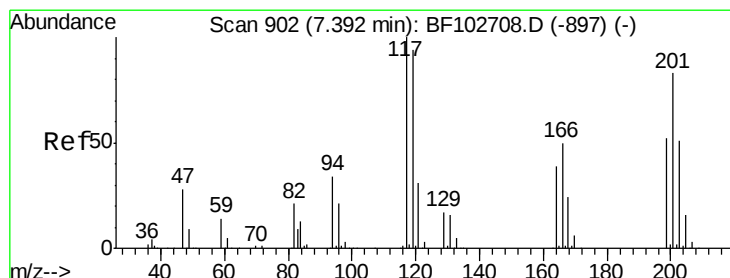
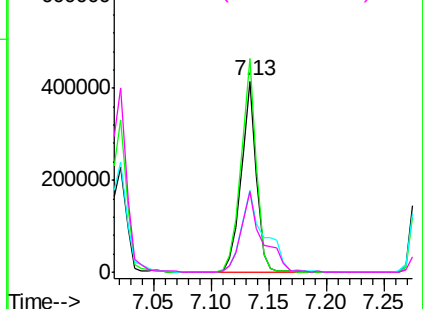
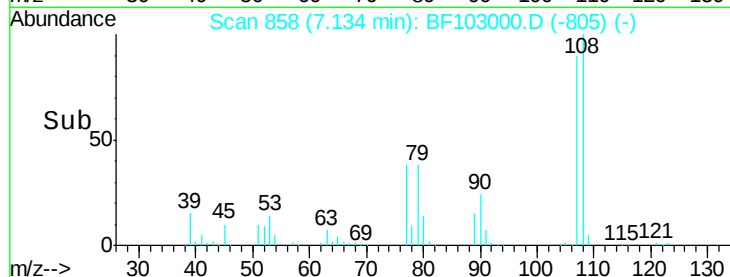
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

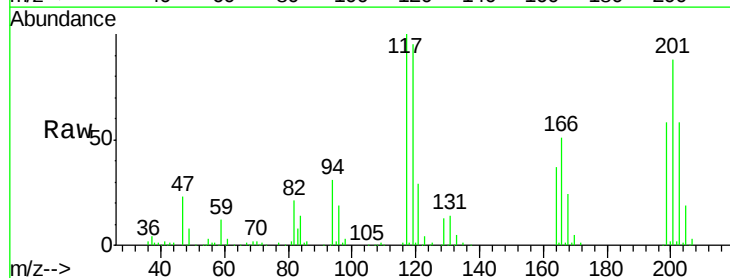
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 28.61 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.8
201	88.3	75.7	113.5

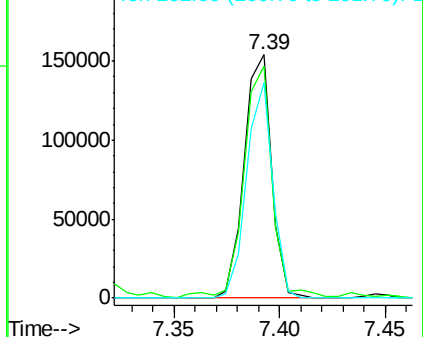
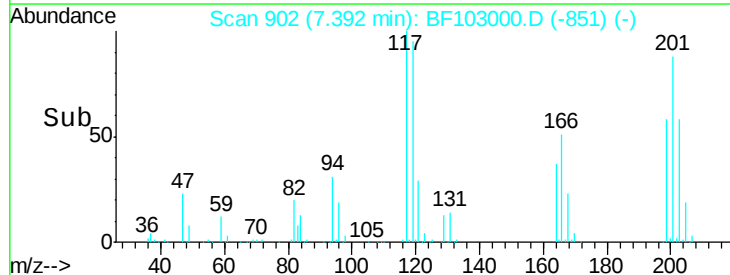


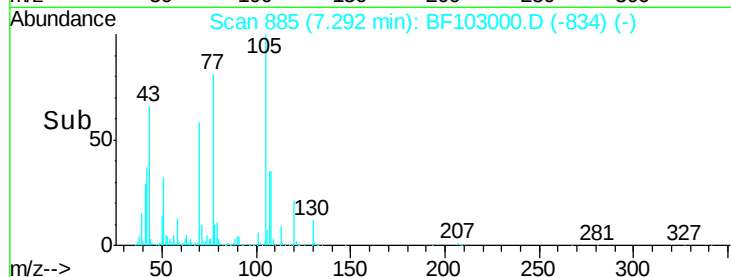
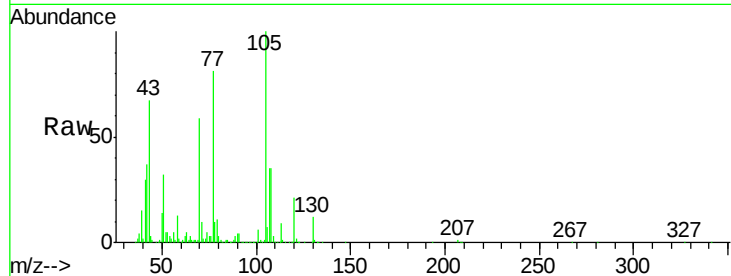
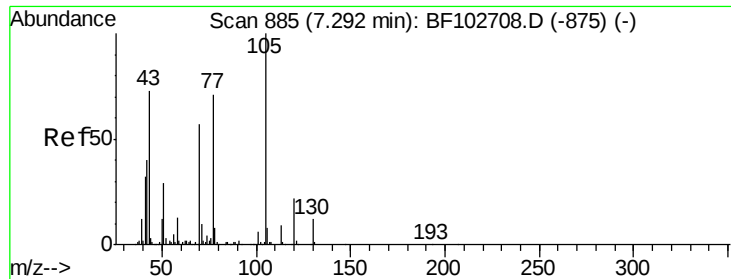
Abundance

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

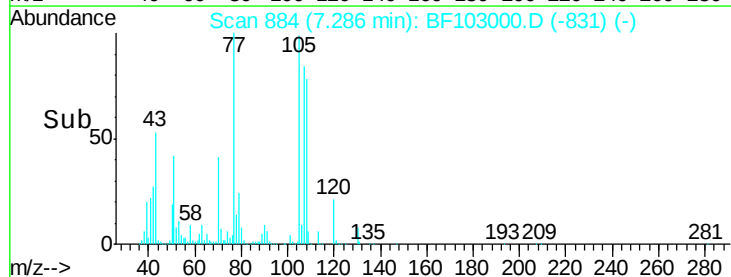
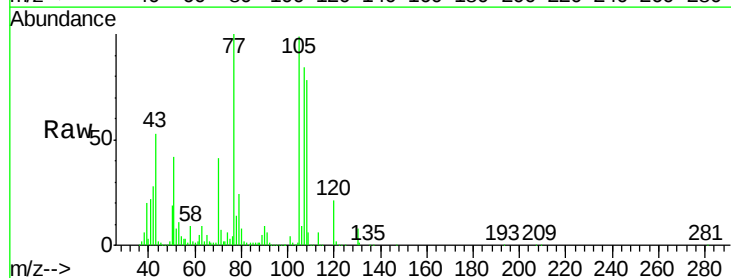
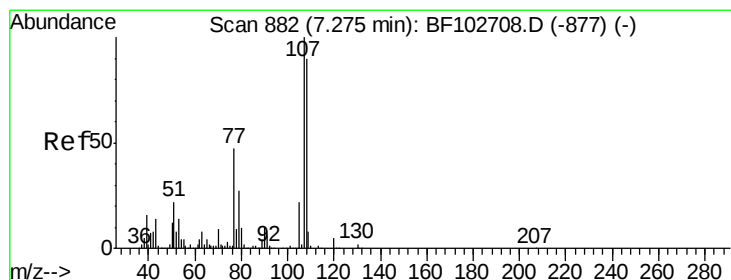
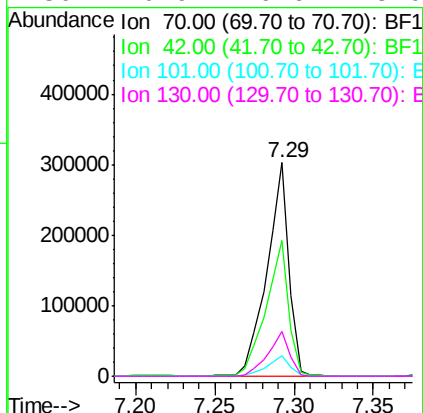




#19
n-Nitroso-di-n-propylamine
Concen: 31.05 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

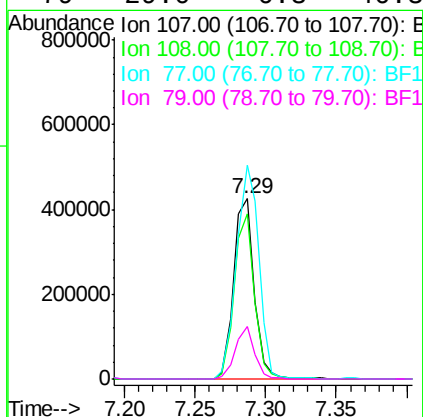
Instrument :
BNA_F
ClientSampleId :

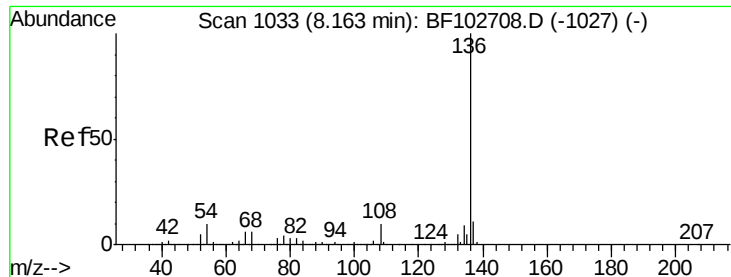
Tot Ion:	70	Resp:	293903
Ion	Ratio	Lower	Upper
70	100		
42	63.7	47.5	71.3
101	9.5	7.4	11.2
130	20.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 31.09 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion:	107	Resp:	433990
Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	118.7	26.7	66.7#
79	29.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103000.D

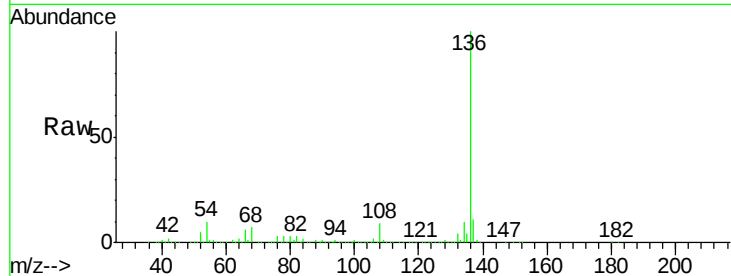
Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	713150
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	10.5	6.6 9.8#
68	6.5	5.0 7.4

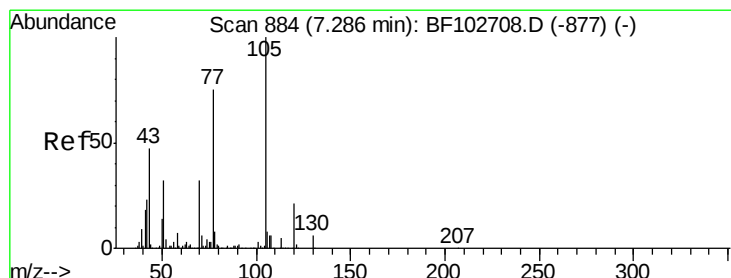
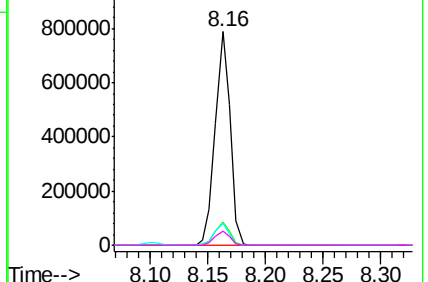
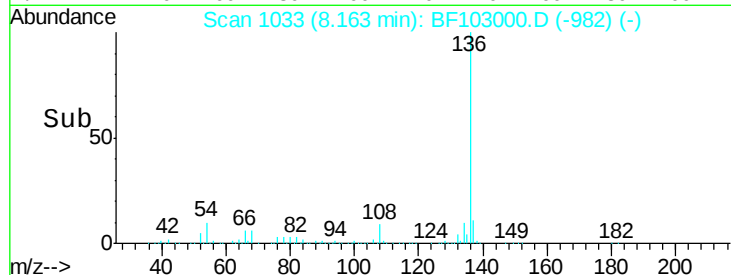


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.63 ng

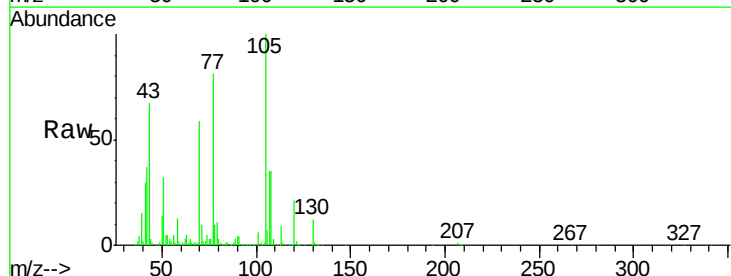
RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:105	Resp:	586945
Ion	Ratio	Lower Upper
105	100	
71	10.1	4.4 6.6#
51	32.1	22.3 33.5
120	21.4	16.9 25.3

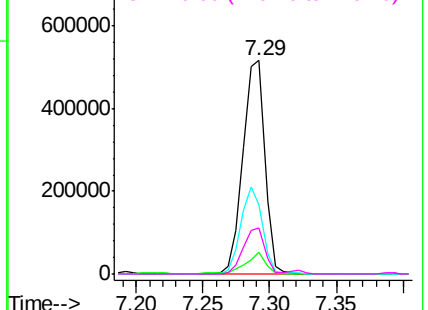
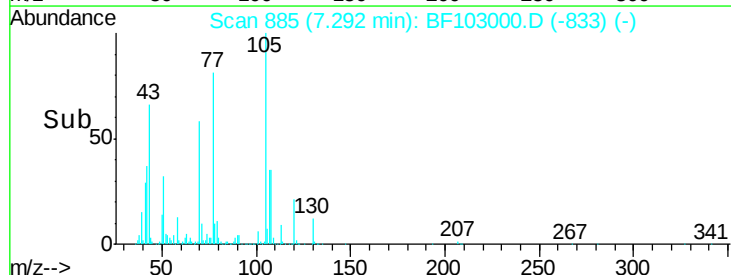


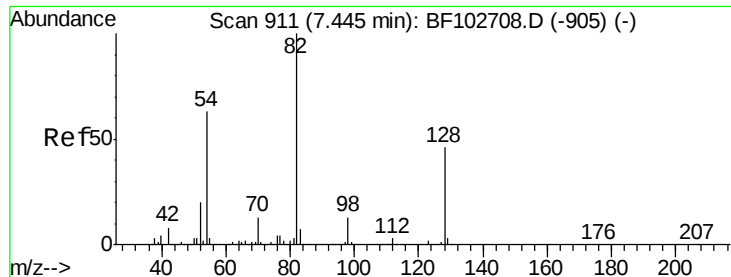
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

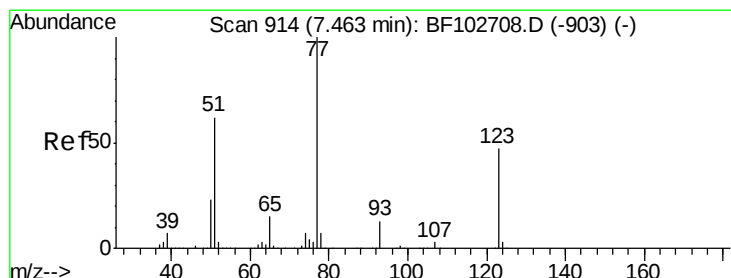
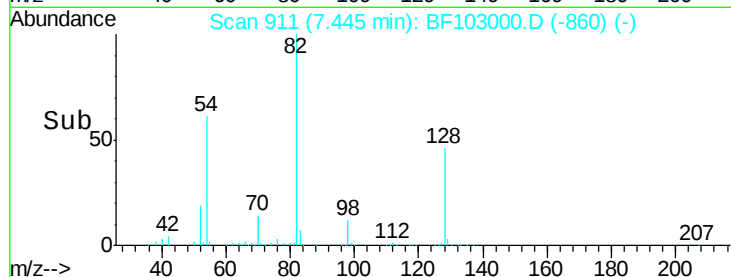
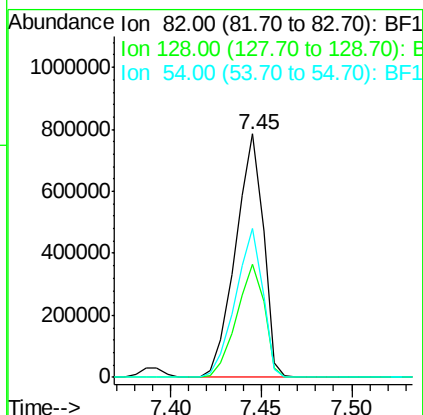
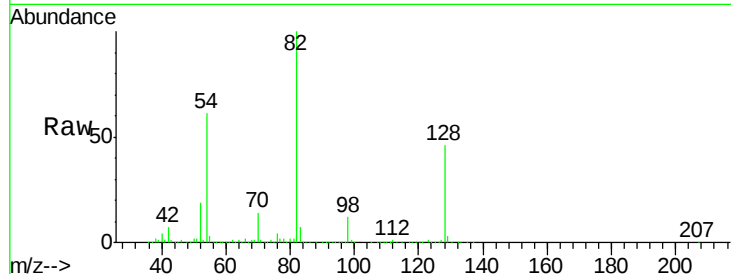




#23
 Nitrobenzene-d5
 Concen: 81.23 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

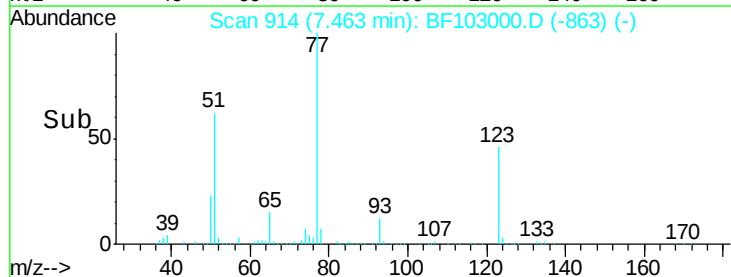
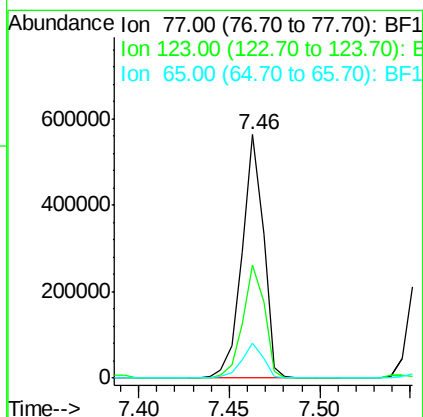
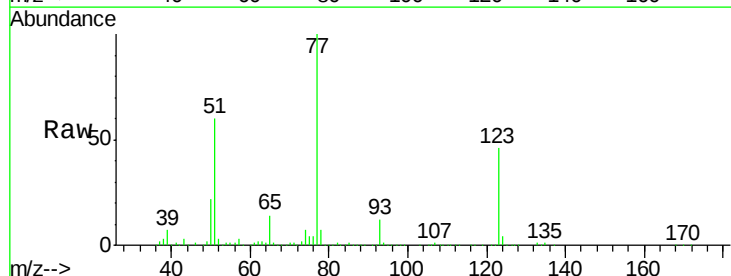
Instrument :
 BNA_F
 ClientSampleId :

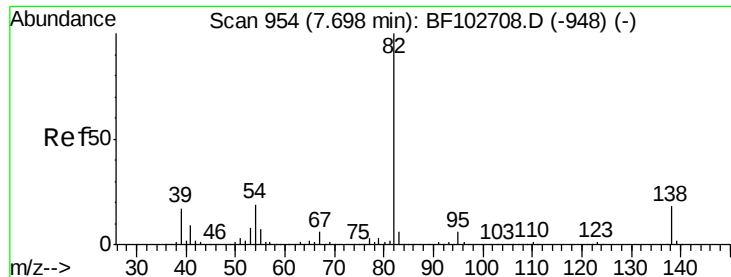
Tot Ion	82	Resp	835040
Ion Ratio	100	Lower	Upper
128	46.4	36.1	54.1
54	61.1	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.11 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	77	Resp	460937
Ion Ratio	100	Lower	Upper
123	46.2	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 35.72 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampled :

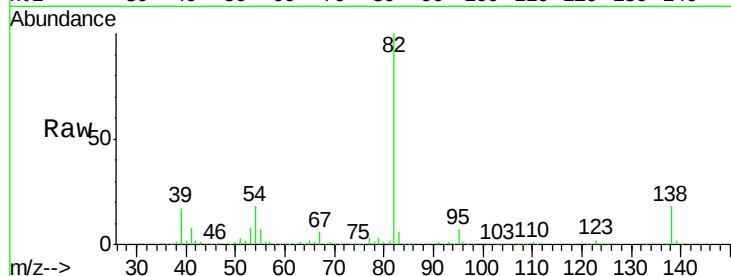
Tot Ion: 82 Resp: 845461

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

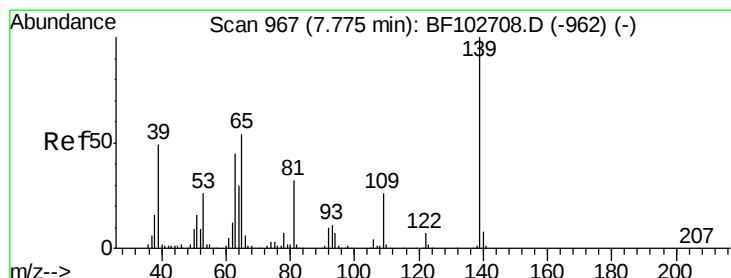
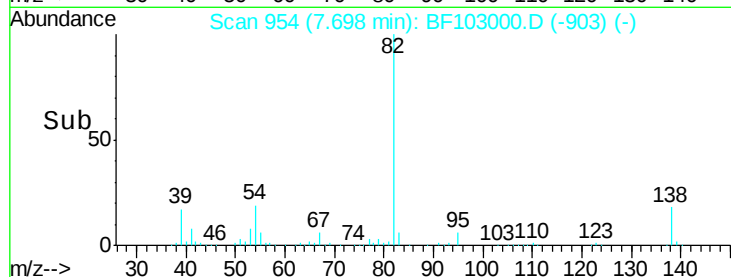
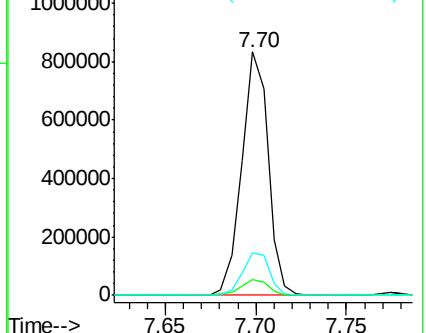
138 17.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 31.29 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

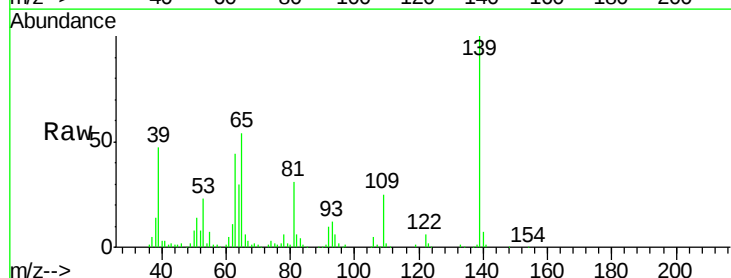
Tgt Ion: 139 Resp: 137138

Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

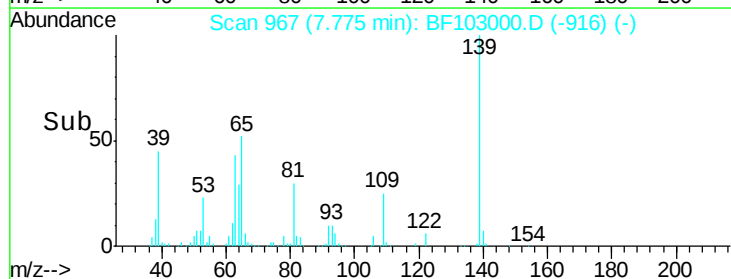
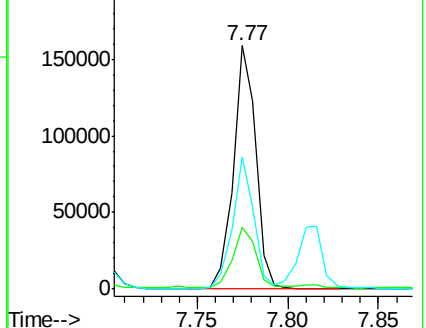
65 54.2 40.5 60.7

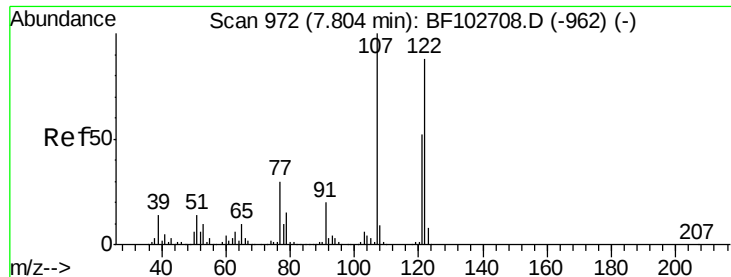


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.11 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

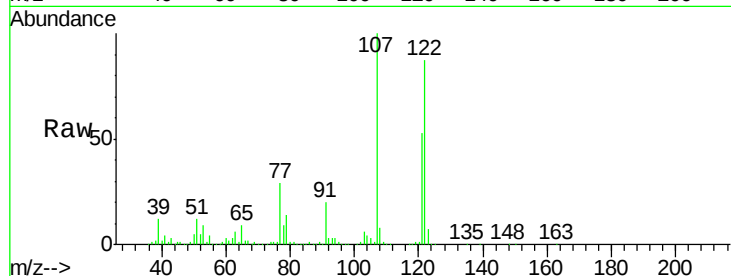
Tot Ion:122 Resp: 371092

Ion Ratio Lower Upper

122 100

107 114.5 91.2 136.8

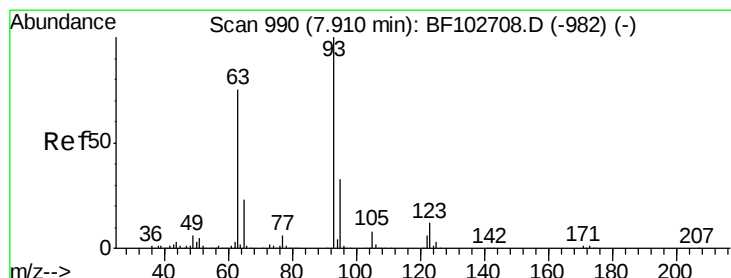
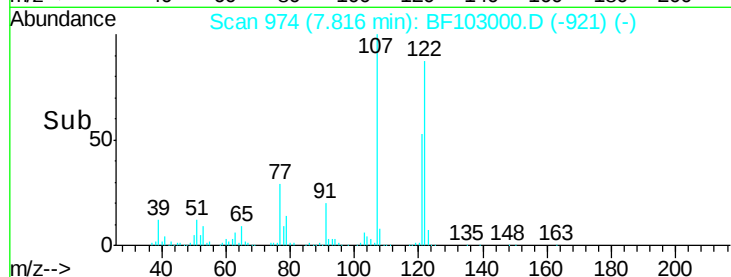
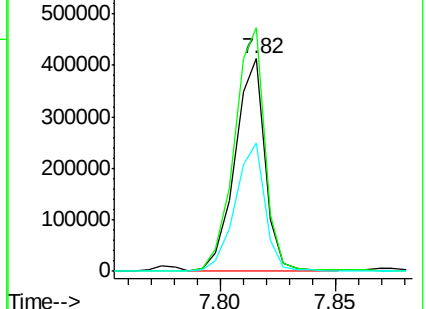
121 60.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.81 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

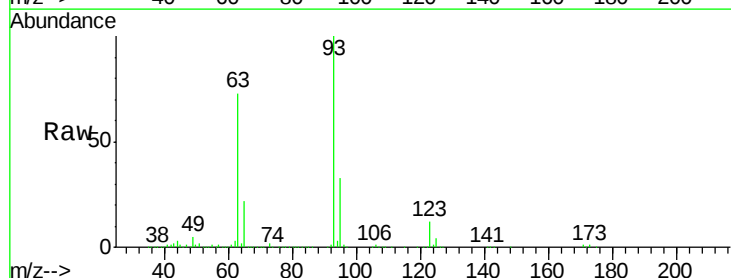
Tgt Ion: 93 Resp: 544282

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

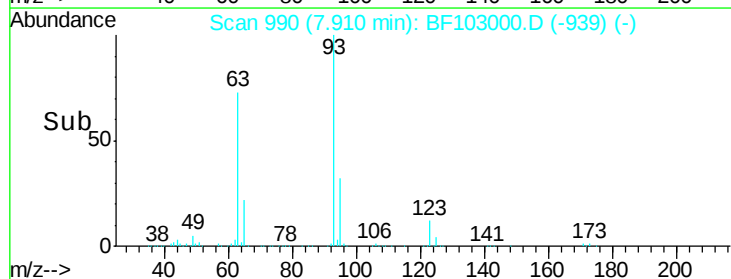
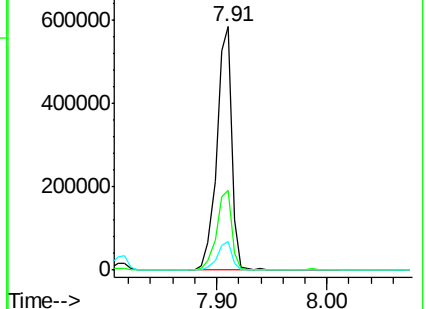
123 11.8 9.8 14.6

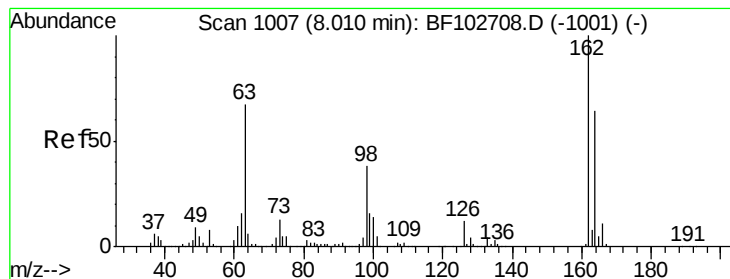


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 34.79 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

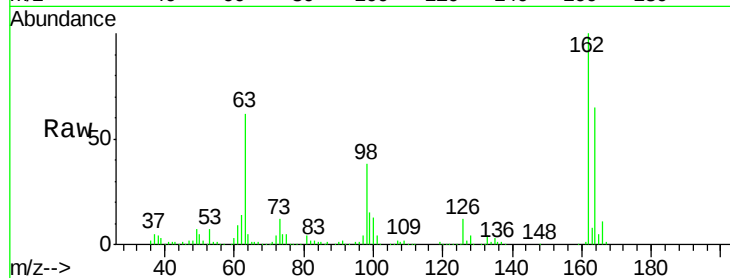
Tot Ion:162 Resp: 316336

Ion Ratio Lower Upper

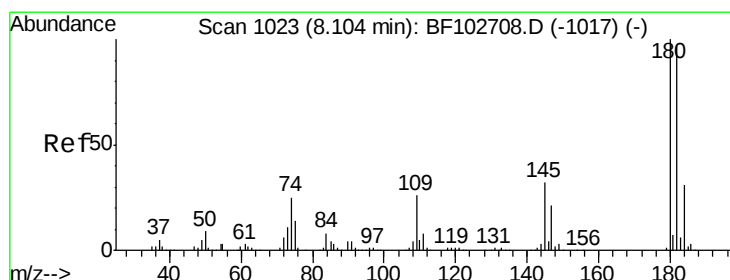
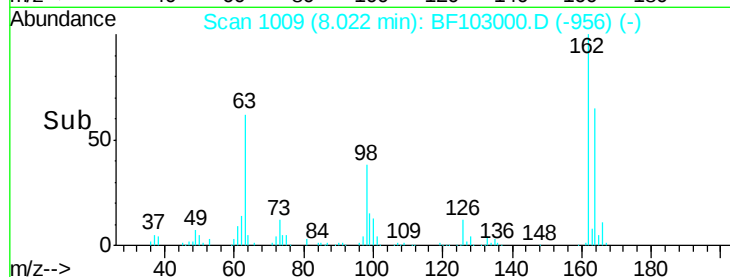
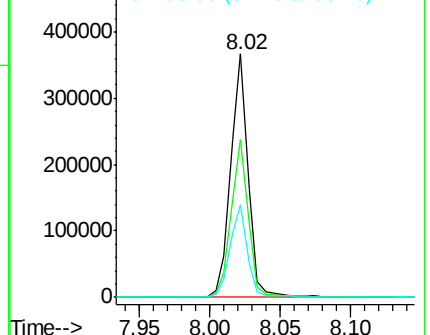
162 100

164 64.6 42.7 82.7

98 38.2 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: 31.84 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

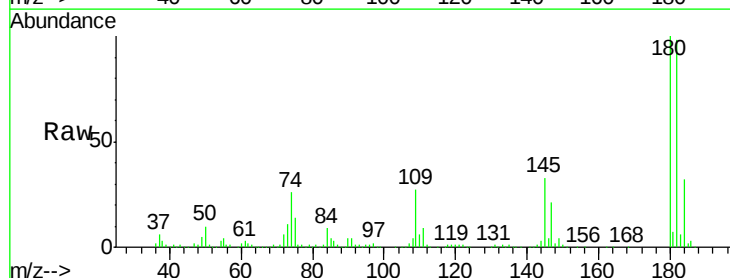
Tgt Ion:180 Resp: 327509

Ion Ratio Lower Upper

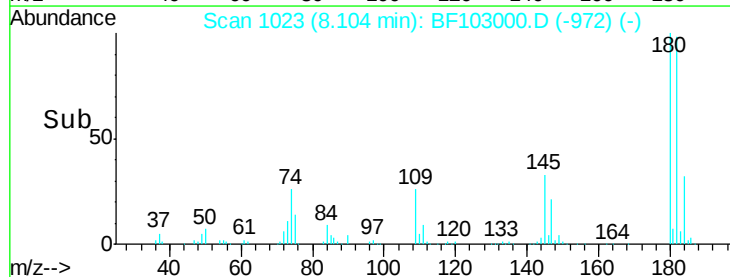
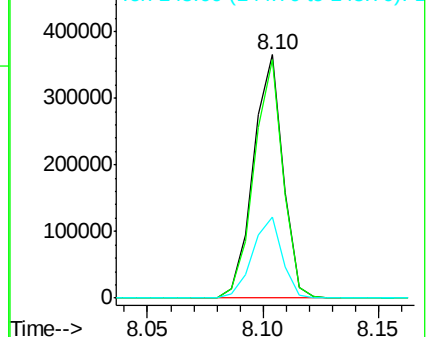
180 100

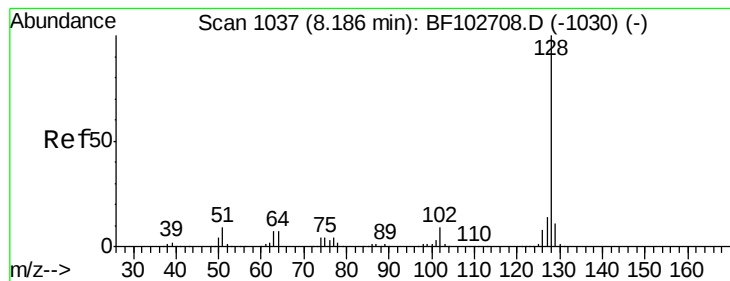
182 97.7 76.8 115.2

145 33.3 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: 34.25 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

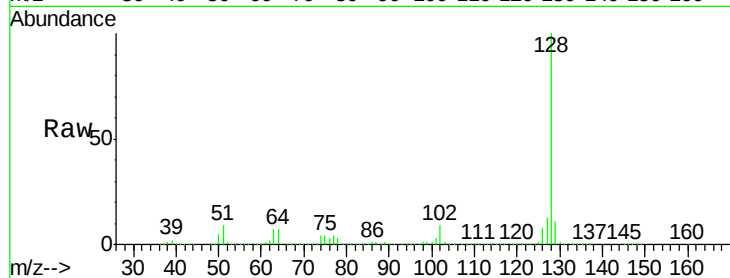
Tot Ion:128 Resp: 1193274

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

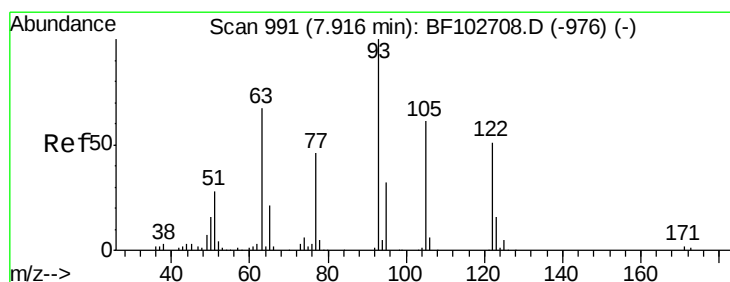
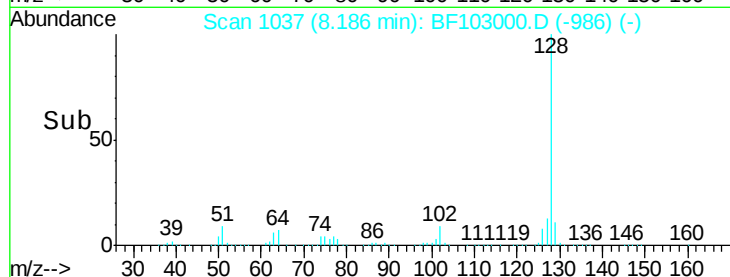
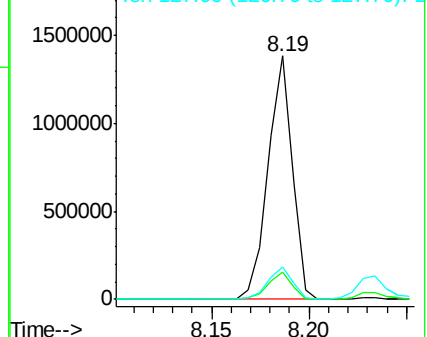
127 13.4 10.9 16.3



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: 10.30 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.03 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

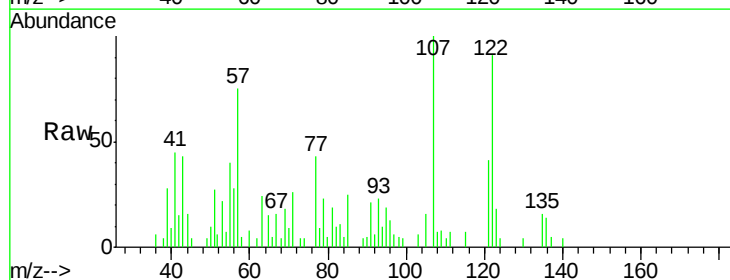
Tgt Ion:122 Resp: 12879

Ion Ratio Lower Upper

122 100

105 17.5 101.1 141.1#

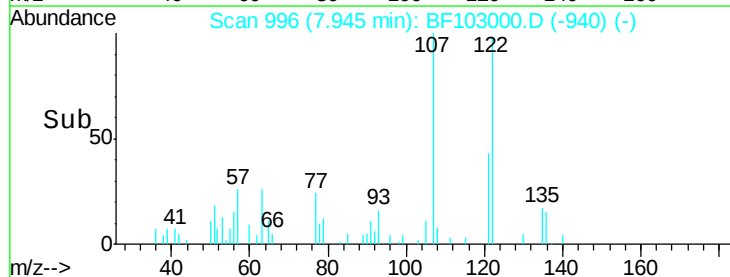
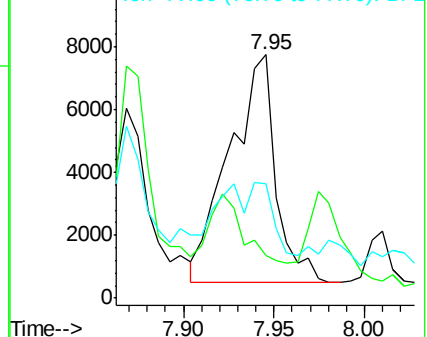
77 47.1 70.7 110.7#

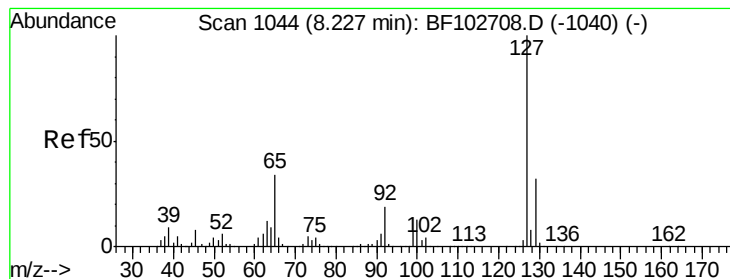


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.33 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 155082

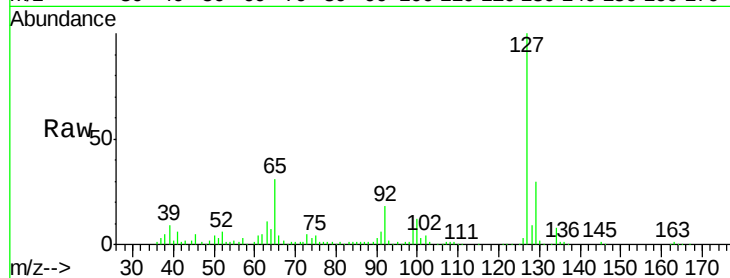
Ion Ratio Lower Upper

127 100

129 30.0 25.9 38.9

65 30.8 25.0 37.4

92 18.2 15.2 22.8

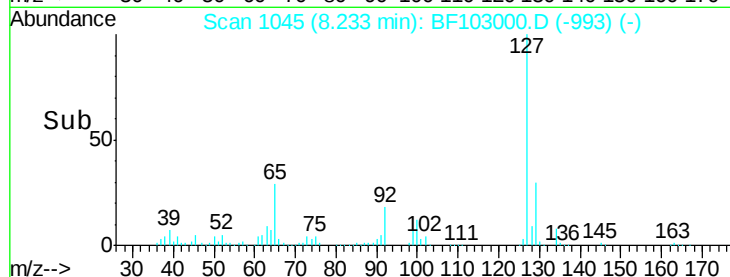


Abundance Ion 127.00 (126.70 to 127.70): E

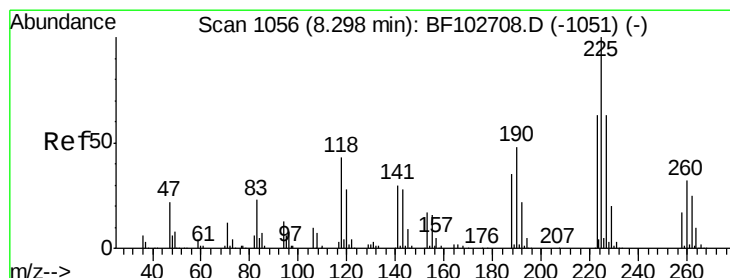
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 31.77 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

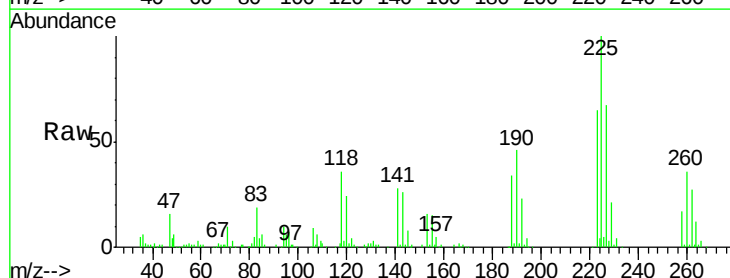
Tgt Ion:225 Resp: 167429

Ion Ratio Lower Upper

225 100

223 64.5 50.6 76.0

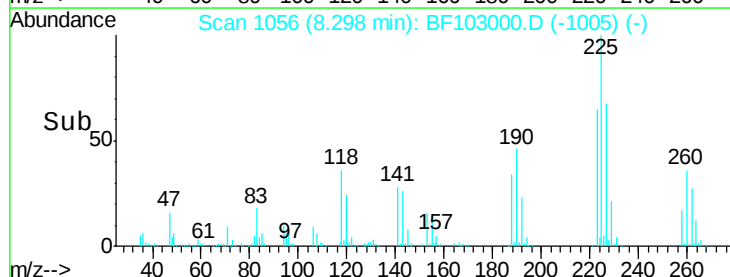
227 66.7 51.9 77.9



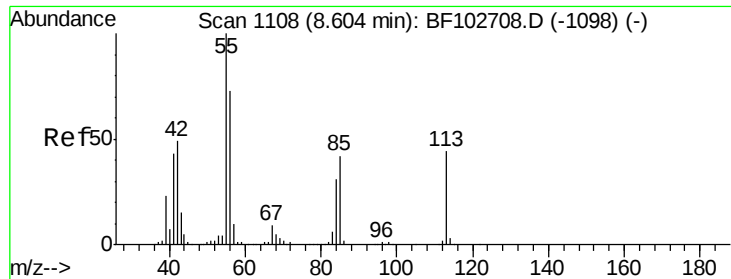
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



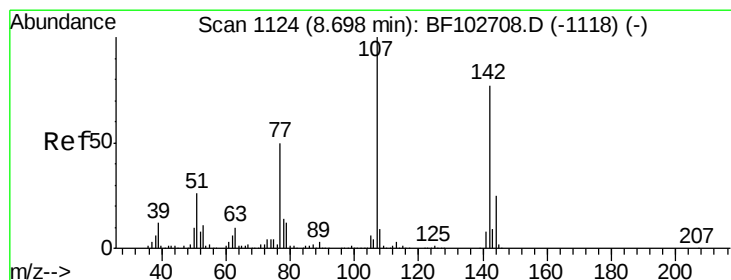
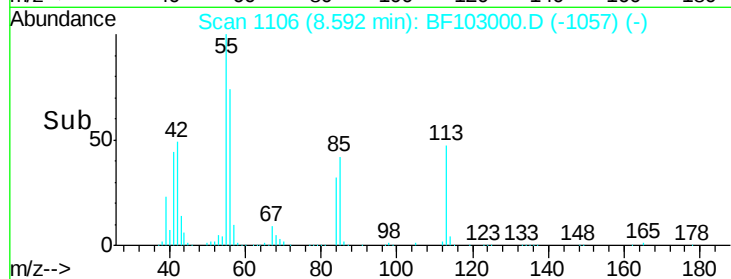
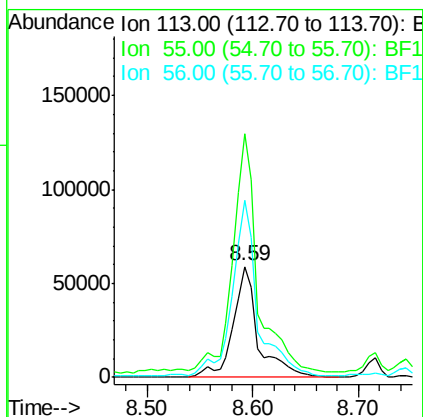
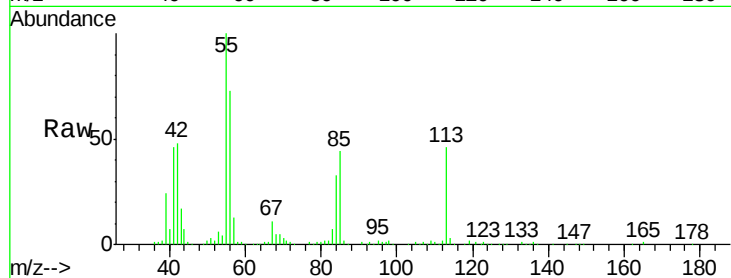
Time-->



#35
 Caprolactam
 Concen: 30.39 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

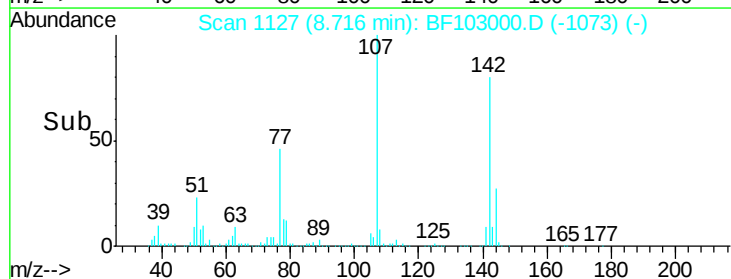
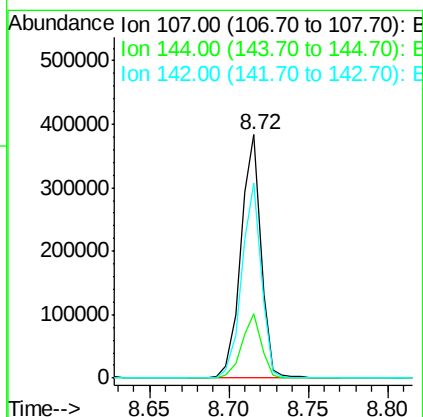
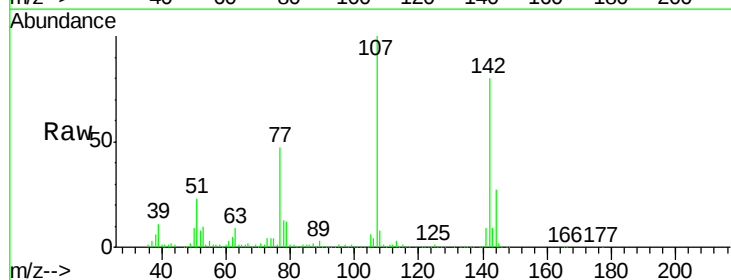
Instrument :
 BNA_F
 ClientSampleId :

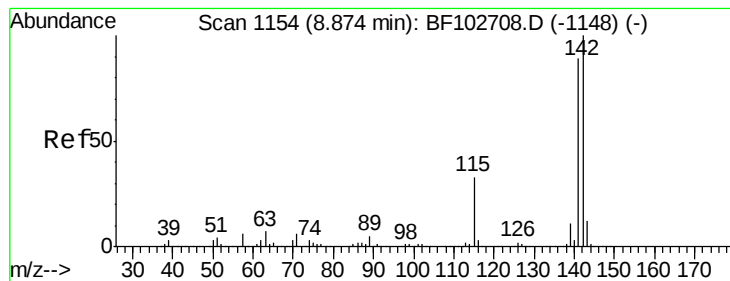
Tot Ion:113 Resp: 95952
 Ion Ratio Lower Upper
 113 100
 55 219.7 163.3 203.3#
 56 159.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 32.82 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.02 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion:107 Resp: 335261
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 80.0 62.0 93.0

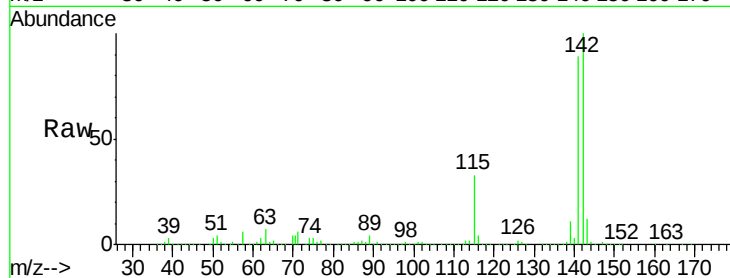




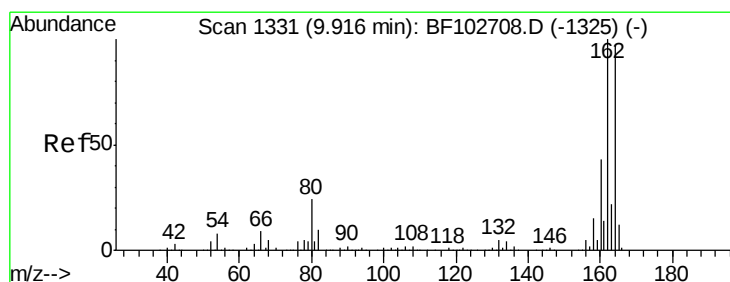
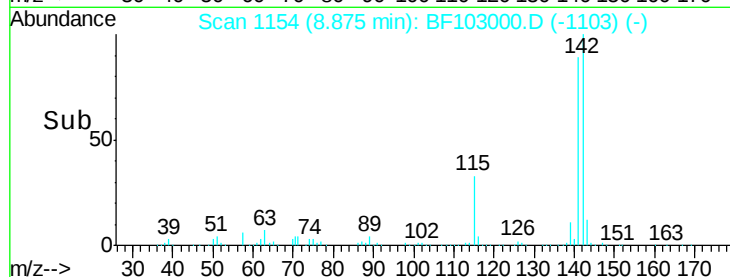
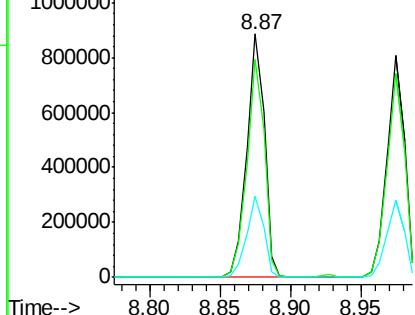
#37
2-Methylnaphthalene
Concen: 34.21 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 780417
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2
115 33.4 26.1 39.1

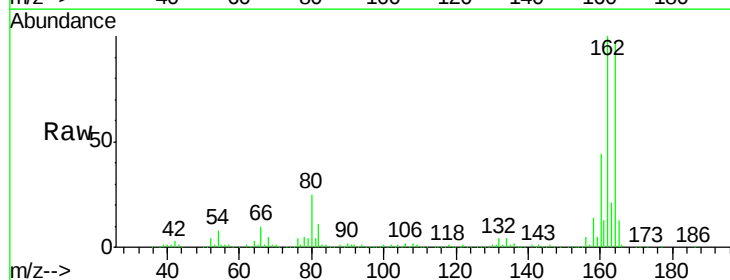


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

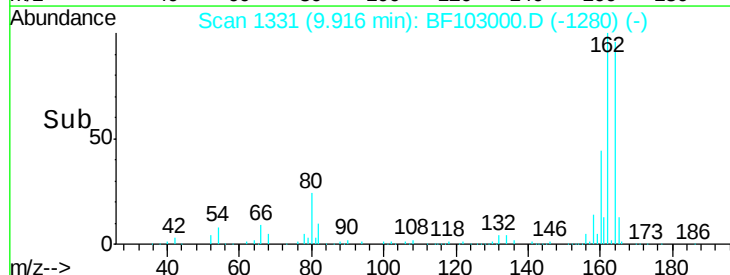
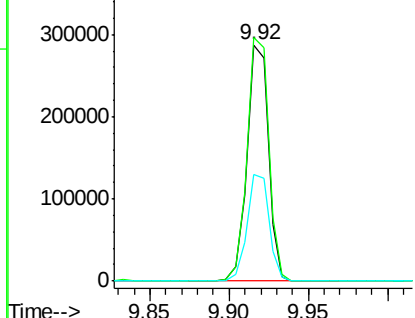


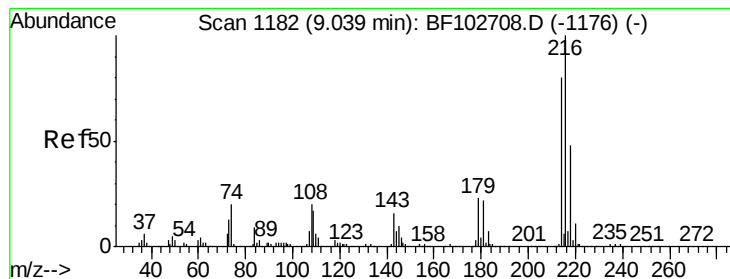
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion:164 Resp: 269040
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 45.4 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.11 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 271883

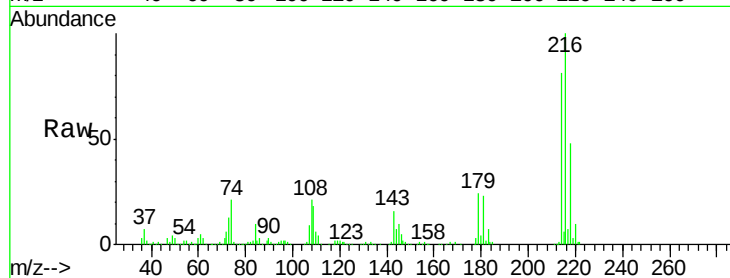
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 23.2 18.1 27.1

108 20.7 17.2 25.8

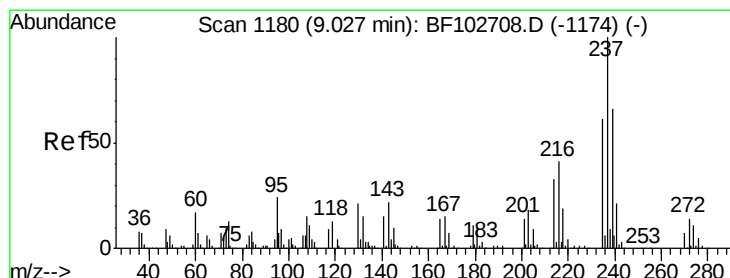
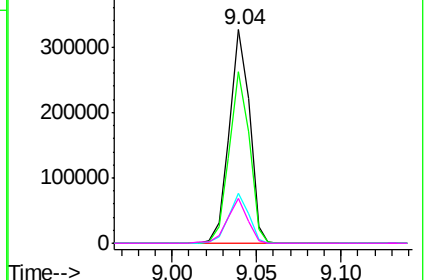
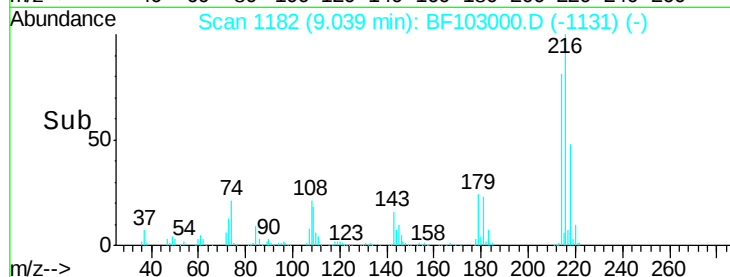


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.67 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

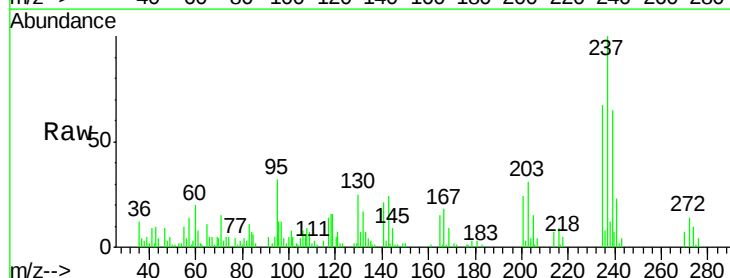
Tgt Ion:237 Resp: 26705

Ion Ratio Lower Upper

237 100

235 66.5 44.8 84.8

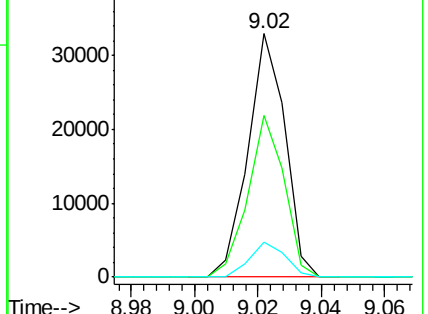
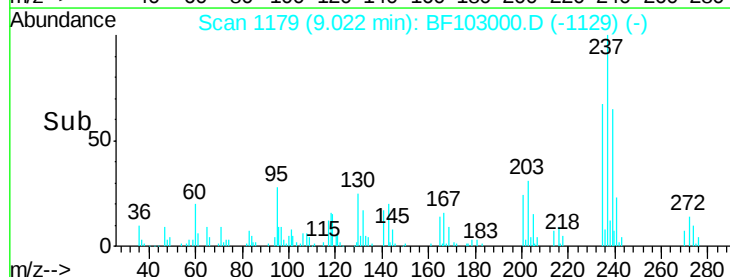
272 14.4 0.0 33.3

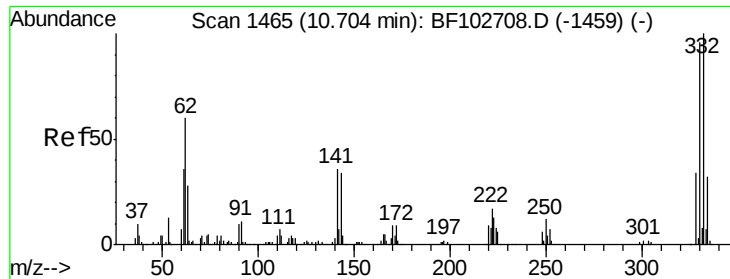


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

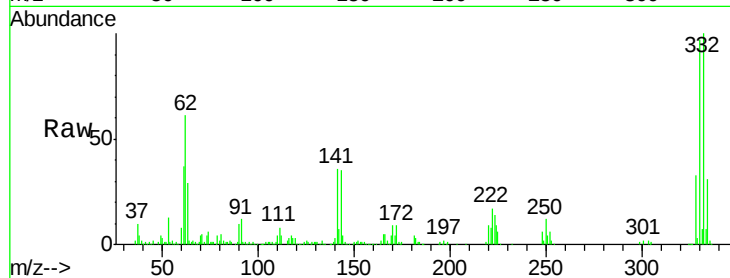




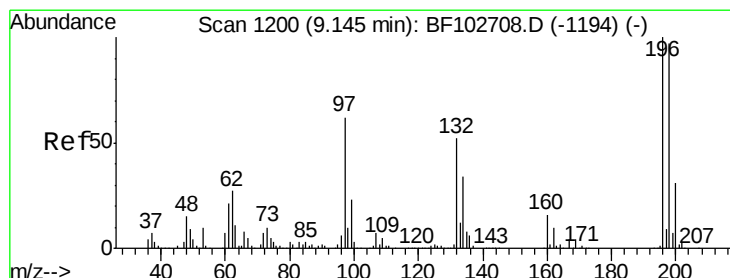
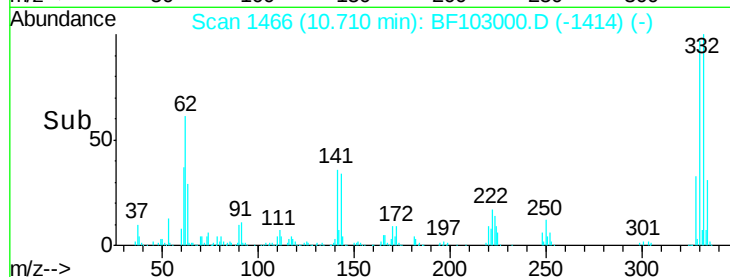
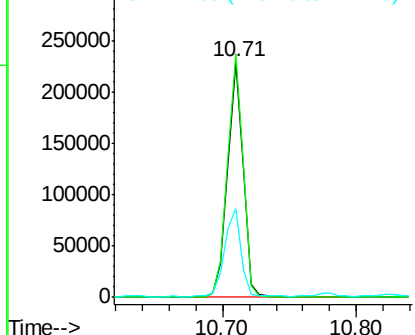
#41
 2,4,6-Tribromophenol
 Concen: 88.42 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 191474
 Ion Ratio Lower Upper
 330 100
 332 104.1 77.0 115.6
 141 39.6 29.9 44.9

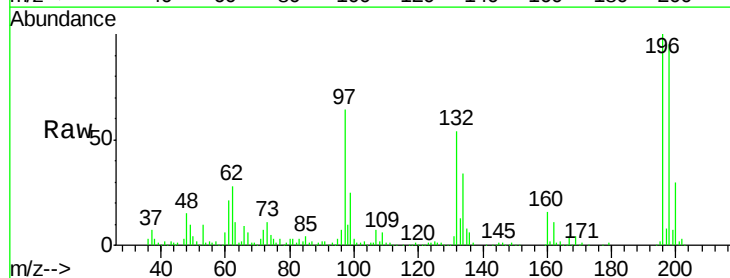


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

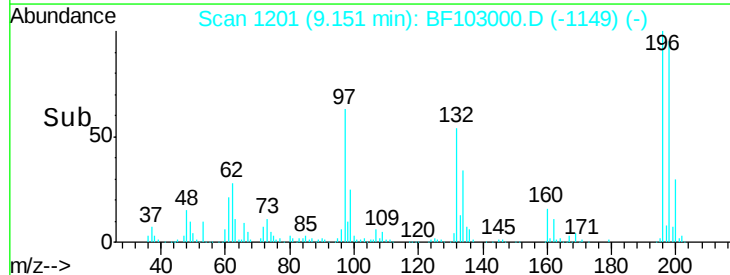
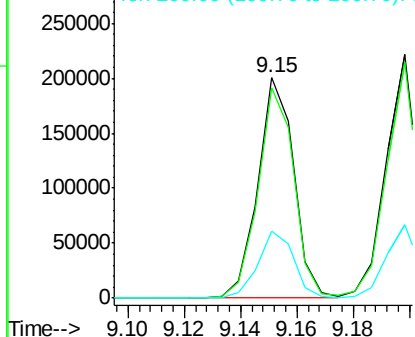


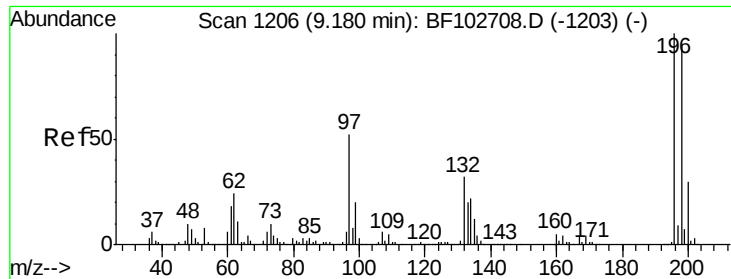
#42
 2,4,6-Trichlorophenol
 Concen: 36.90 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion:196 Resp: 177529
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 30.3 24.5 36.7



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

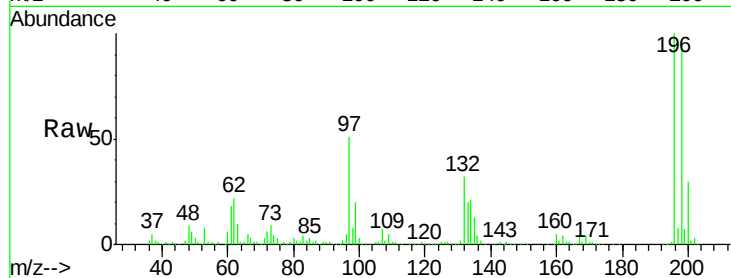




#43
 2,4,5-Trichlorophenol
 Concen: 33.51 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.02 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	181747
Ion Ratio	Lower	Upper	
196	100		
198	96.8	74.6	112.0
97	51.0	42.9	64.3
132	32.1	26.3	39.5



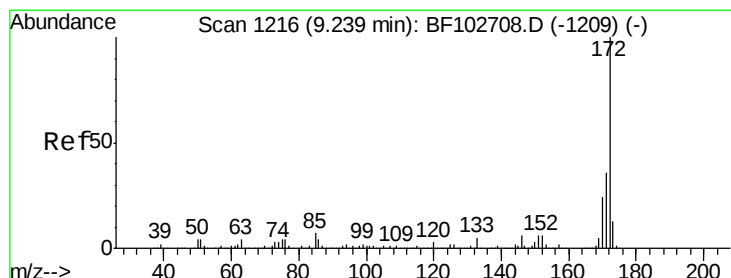
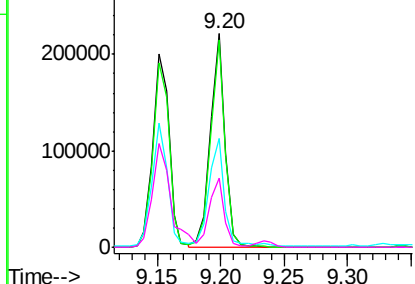
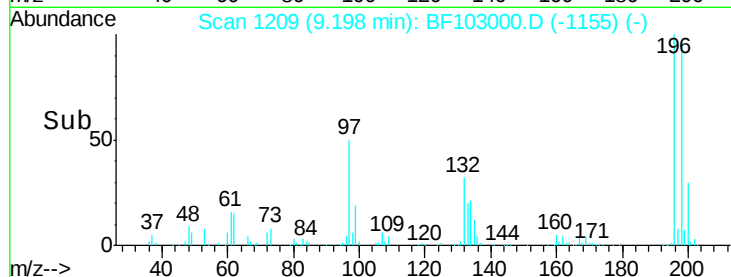
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

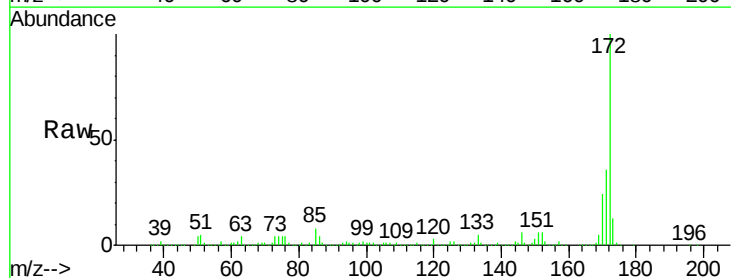
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.74 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	172	Resp	1114561
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

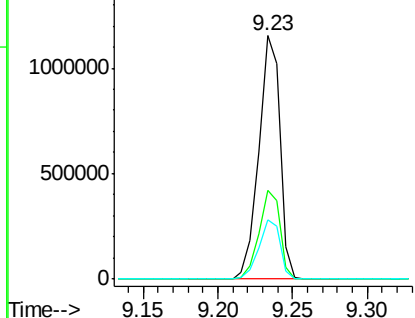
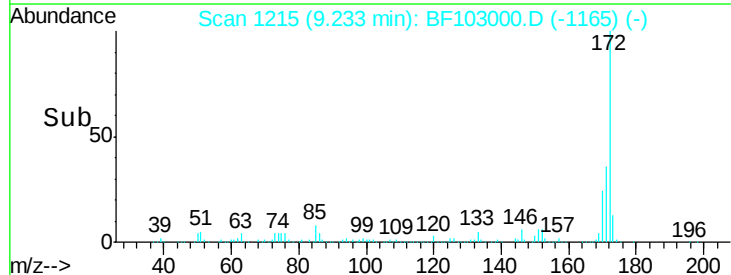


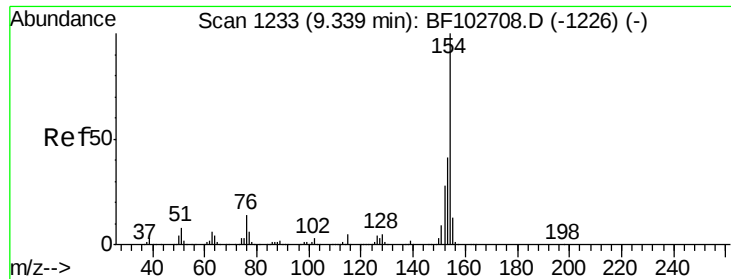
Abundance

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

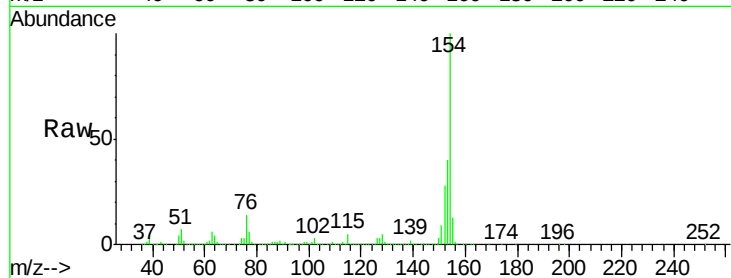




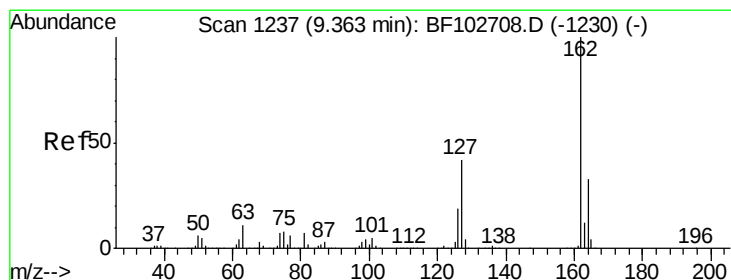
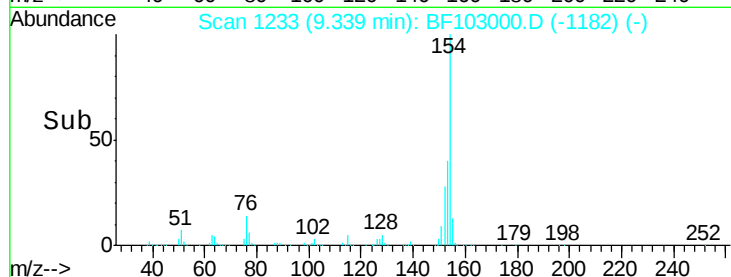
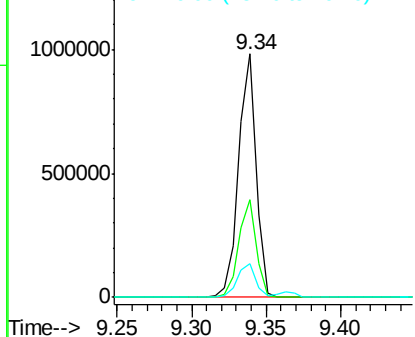
#45
 1,1'-Biphenyl
 Concen: 35.79 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	13.8	0.0	34.0

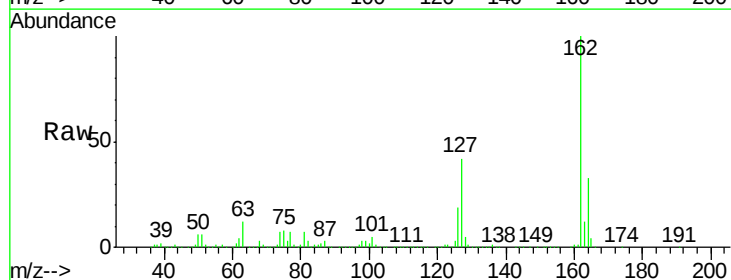


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

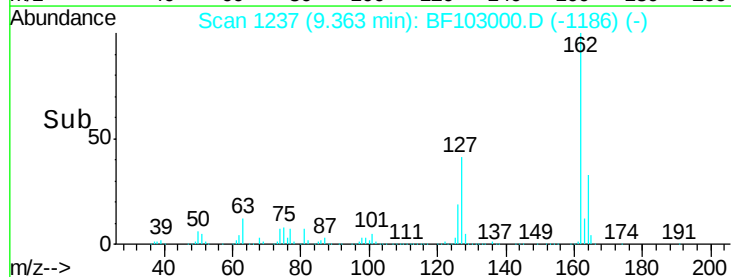
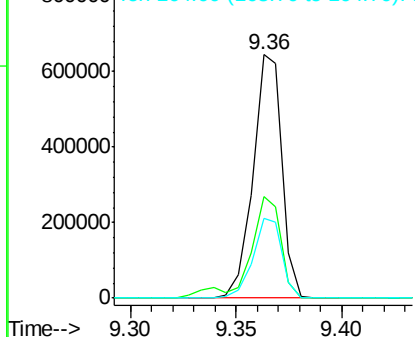


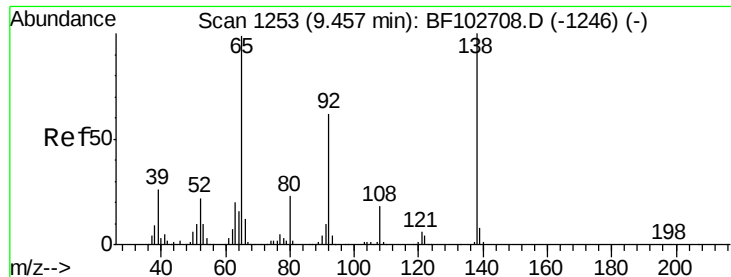
#46
 2-Chloronaphthalene
 Concen: 34.39 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	32.7	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

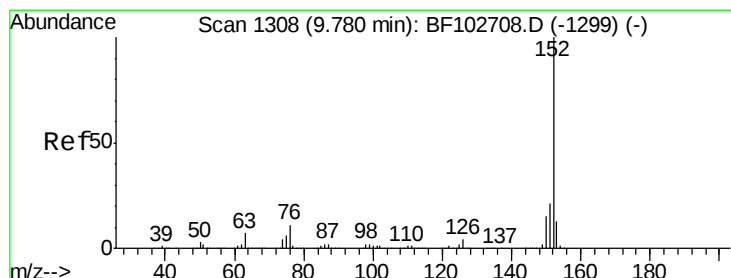
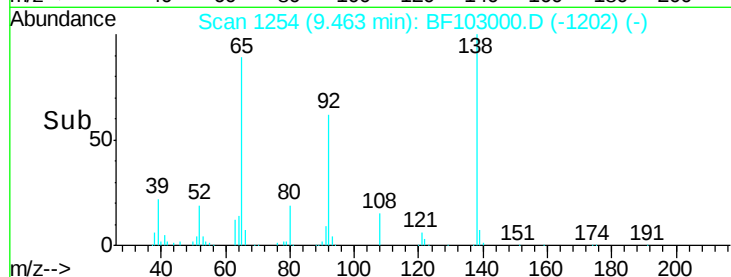
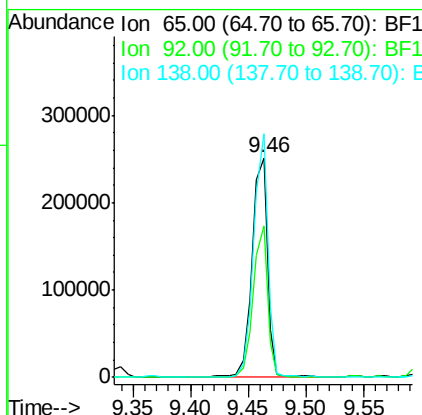
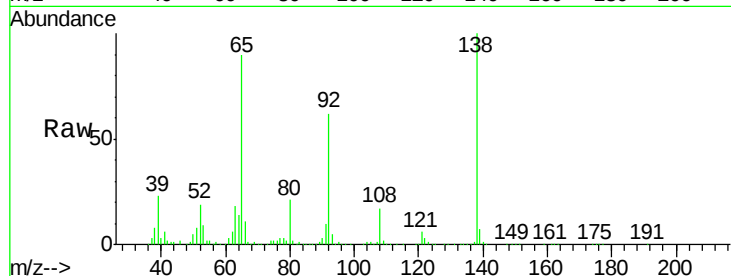




#47
2-Nitroaniline
Concen: 42.64 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

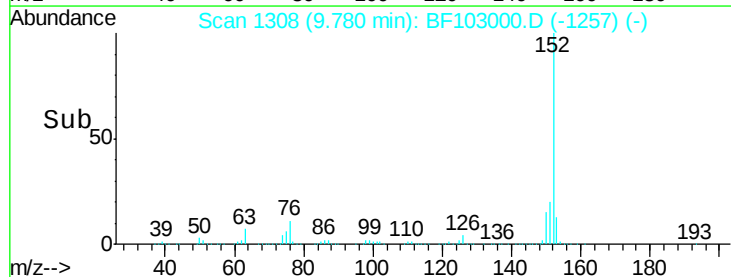
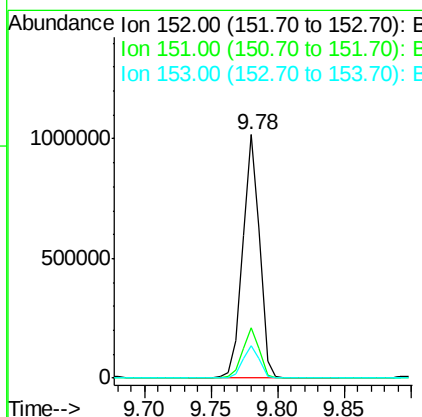
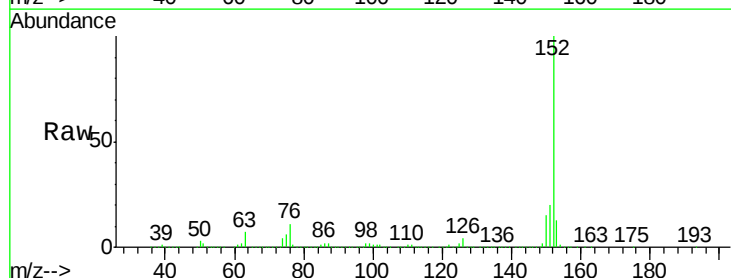
Instrument :
BNA_F
ClientSampleId :

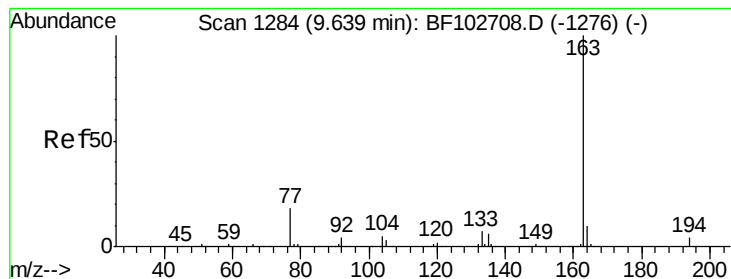
Tot Ion	Ratio	Lower	Upper
65	100		
92	68.9	55.8	83.6
138	110.8	91.2	136.8



#48
Acenaphthylene
Concen: 32.05 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.7	16.1





#49

Dimethylphthalate

Concen: 46.20 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

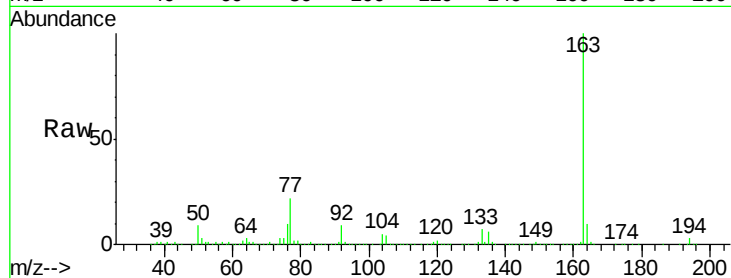
Tot Ion:163 Resp: 969145

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

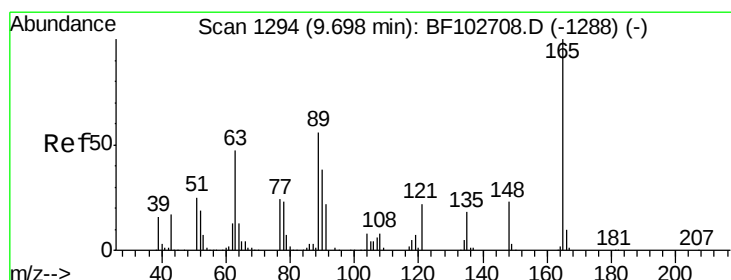
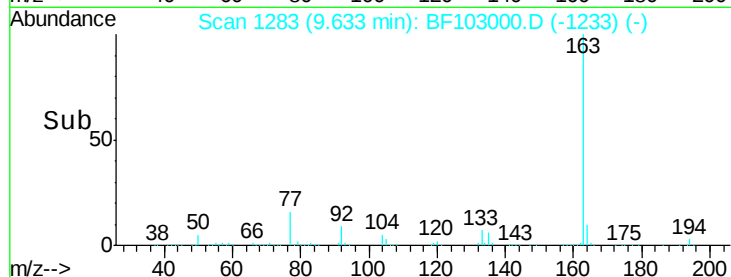
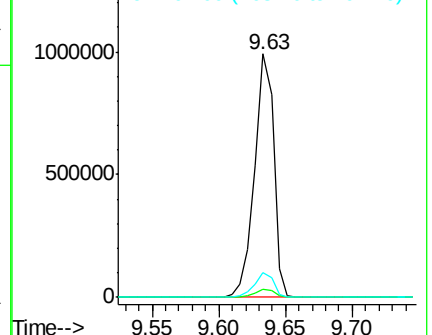
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.04 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

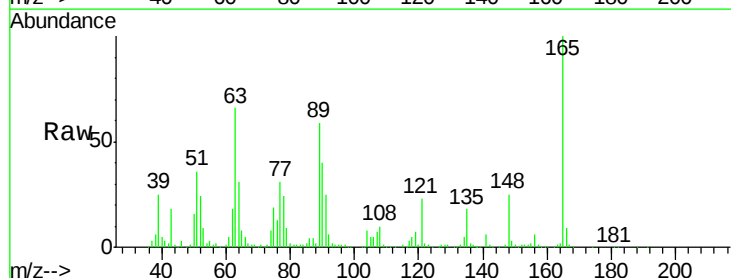
Tgt Ion:165 Resp: 139838

Ion Ratio Lower Upper

165 100

63 66.2 44.7 67.1

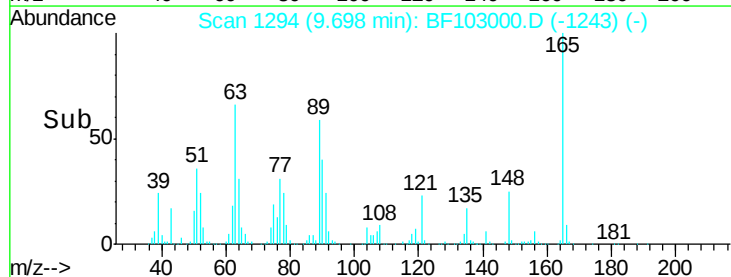
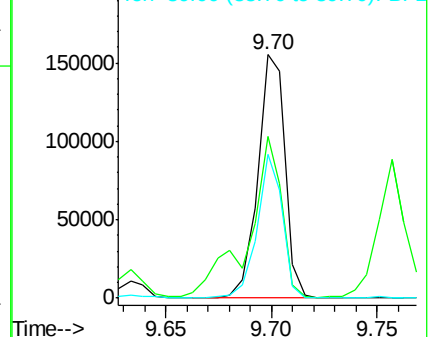
89 59.3 44.0 66.0

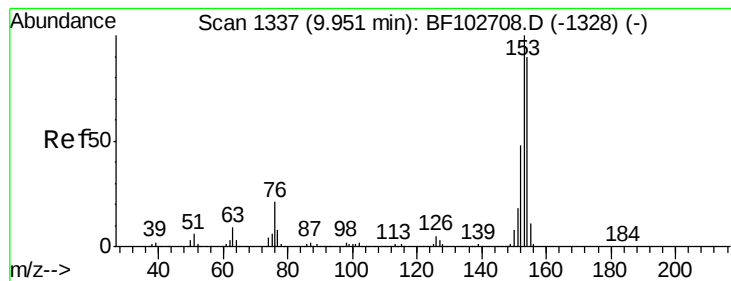


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 31.20 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

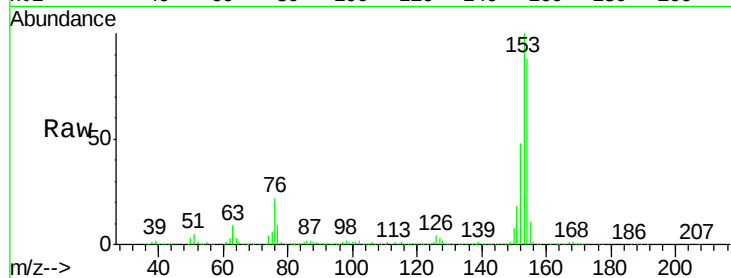
Tot Ion:154 Resp: 516996

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

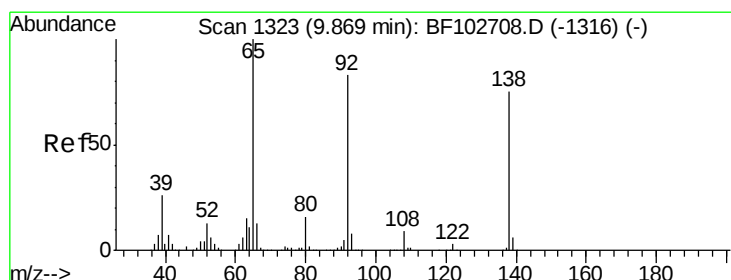
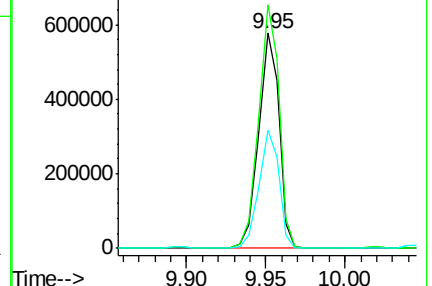
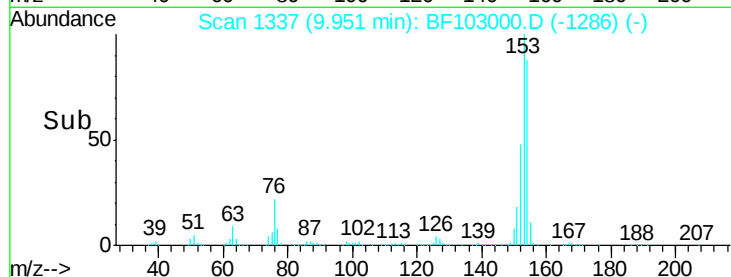
152 54.8 43.8 65.8



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: 34.09 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

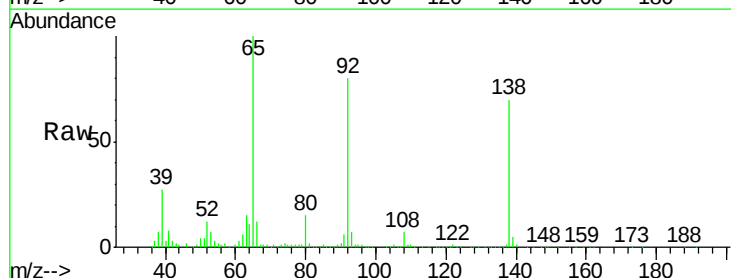
Tgt Ion:138 Resp: 167417

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

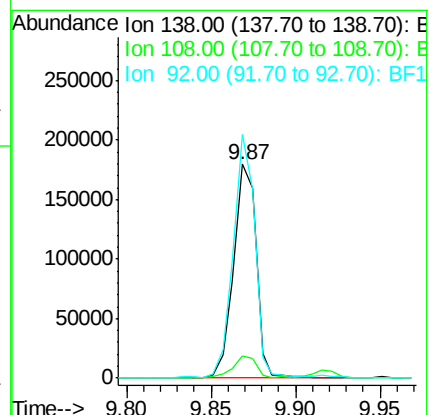
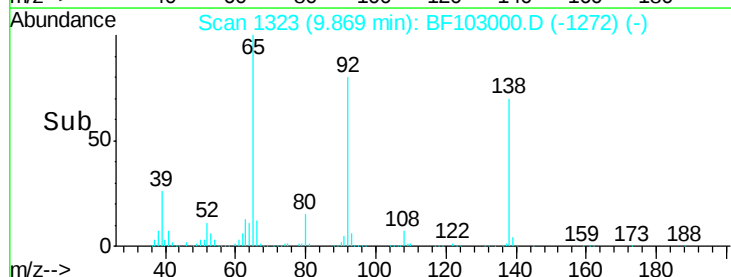
92 113.8 89.4 134.2

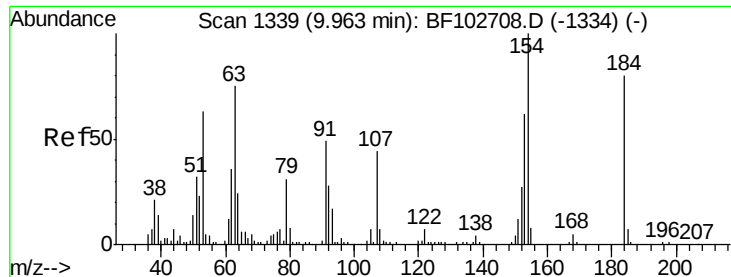


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

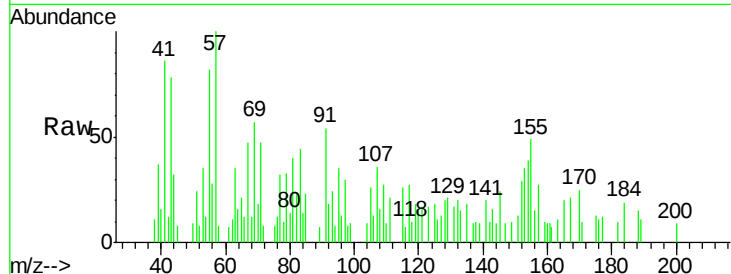




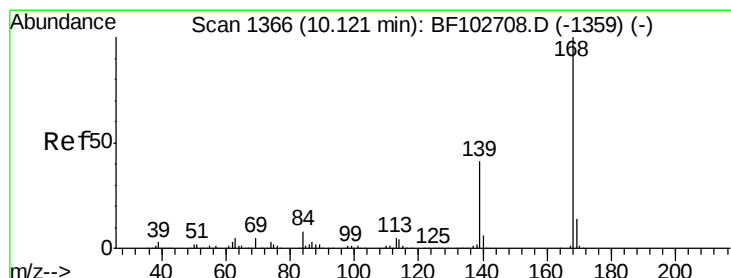
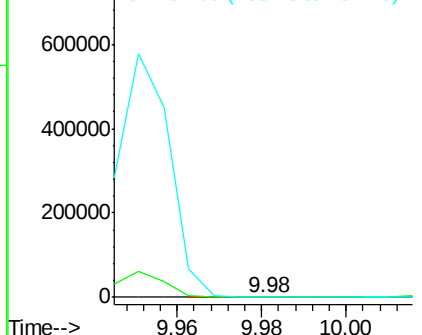
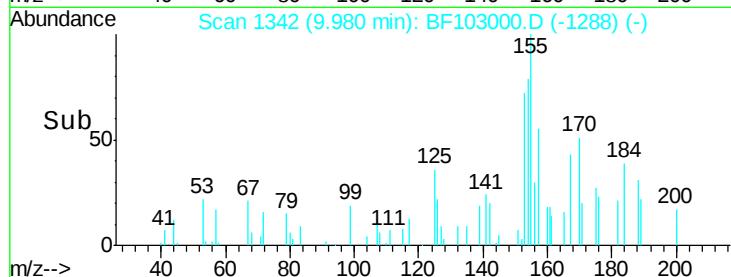
#53
2,4-Dinitrophenol
Concen: 8.79 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 602
Ion Ratio Lower Upper
184 100
63 182.3 54.2 81.2#
154 202.8 184.0 276.0

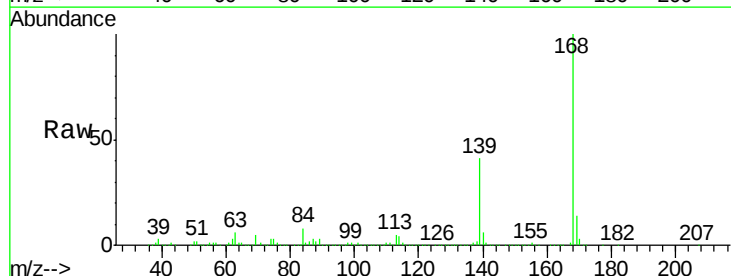


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

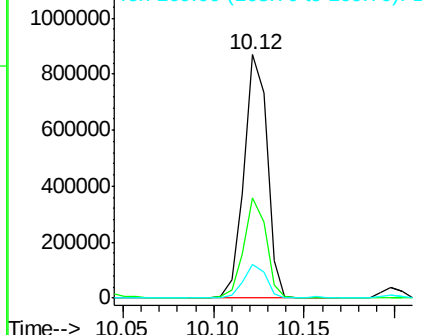
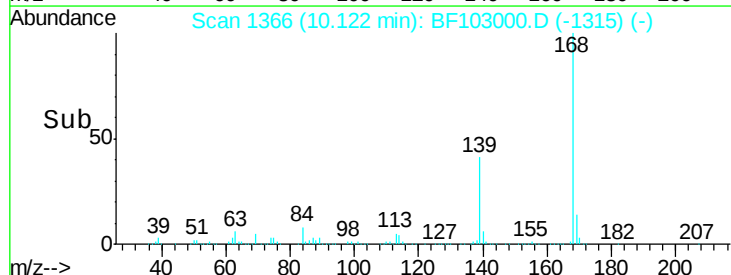


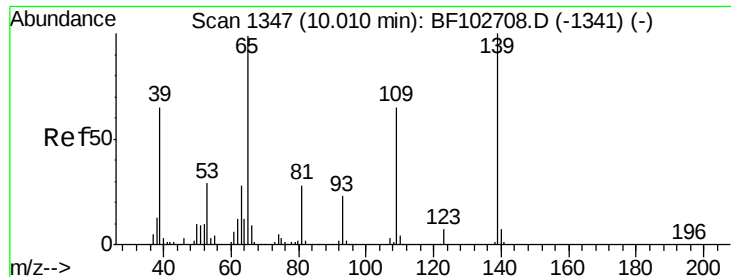
#54
Dibenzofuran
Concen: 33.08 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion:168 Resp: 772420
Ion Ratio Lower Upper
168 100
139 41.1 30.1 45.1
169 13.7 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

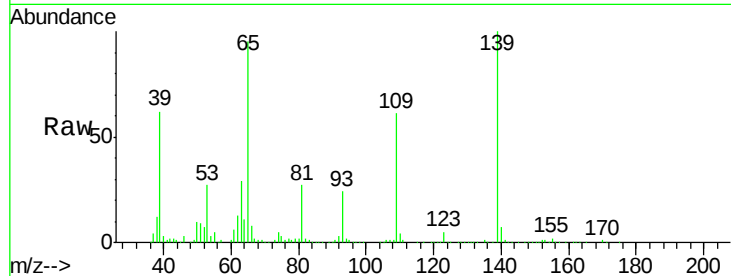




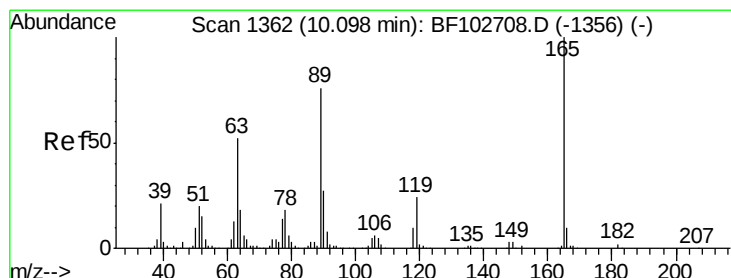
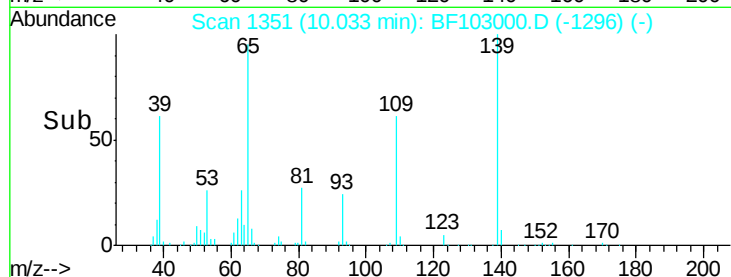
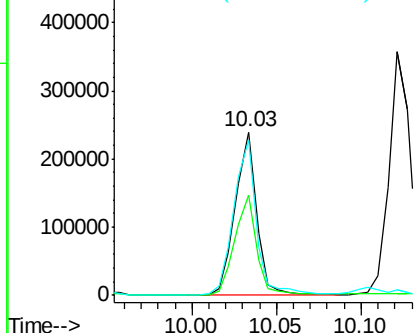
#55
4-Nitrophenol
Concen: 54.68 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 215271
Ion Ratio Lower Upper
139 100
109 61.4 48.4 88.4
65 95.2 72.6 112.6

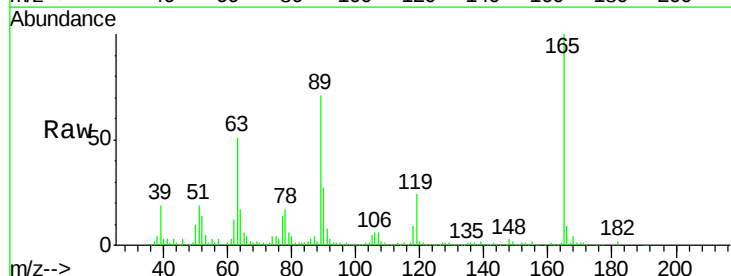


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

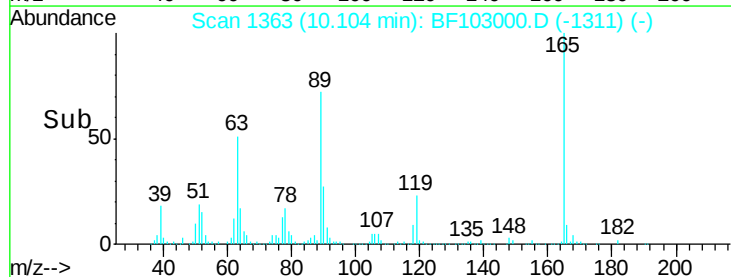
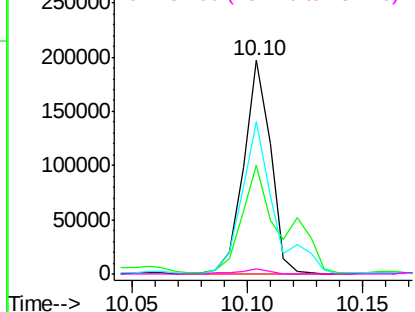


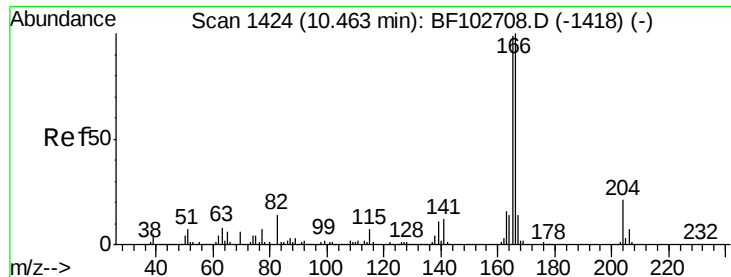
#56
2,4-Dinitrotoluene
Concen: 31.06 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion:165 Resp: 160061
Ion Ratio Lower Upper
165 100
63 50.7 36.4 54.6
89 71.4 57.8 86.6
182 2.4 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

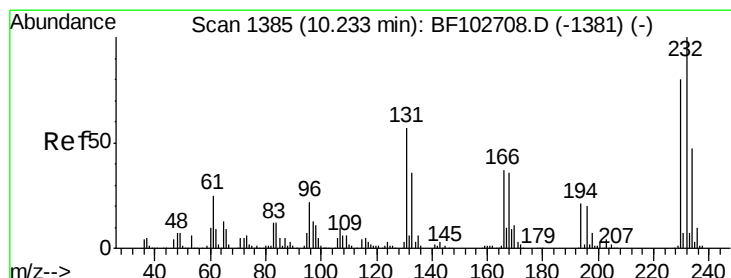
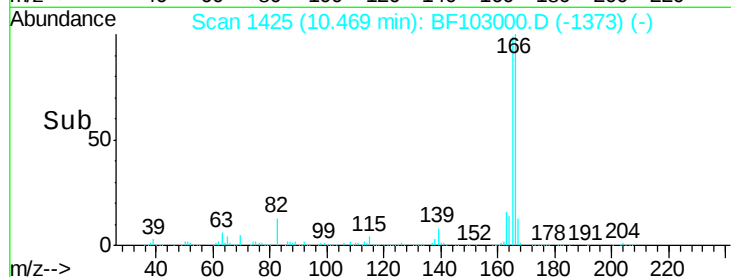
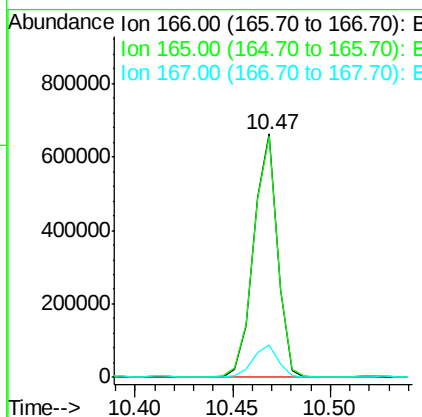
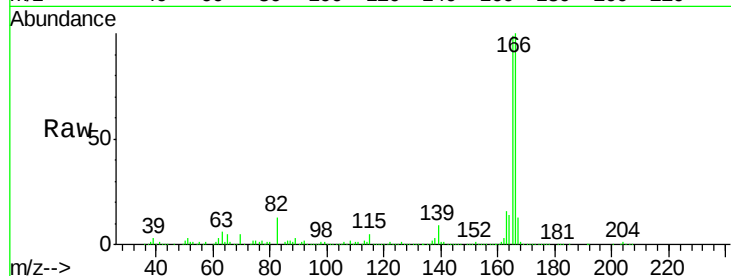




#57
 Fluorene
 Concen: 32.72 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

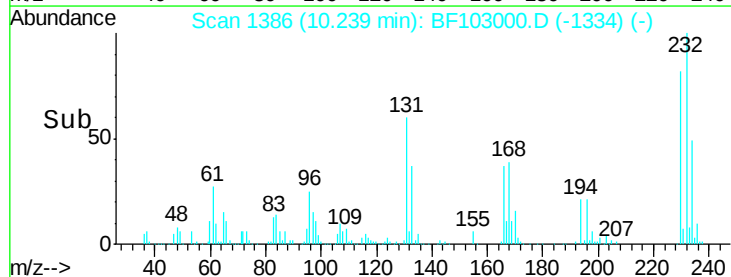
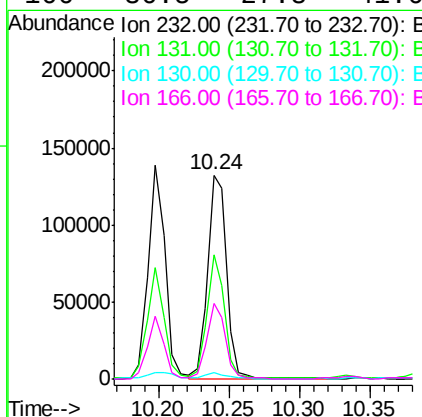
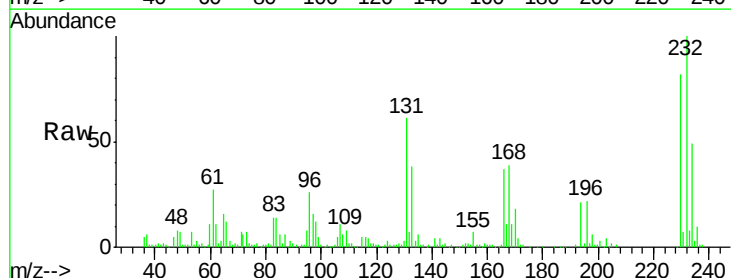
Instrument :
 BNA_F
 ClientSampleId :

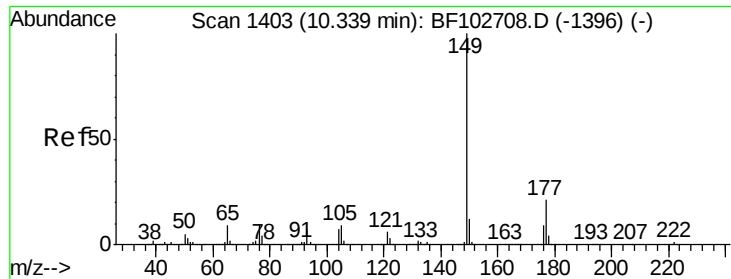
Tot Ion:166 Resp: 555893
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.83 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion:232 Resp: 123408
 Ion Ratio Lower Upper
 232 100
 131 54.7 43.8 65.8
 130 4.2 2.1 3.1#
 166 36.5 27.8 41.6

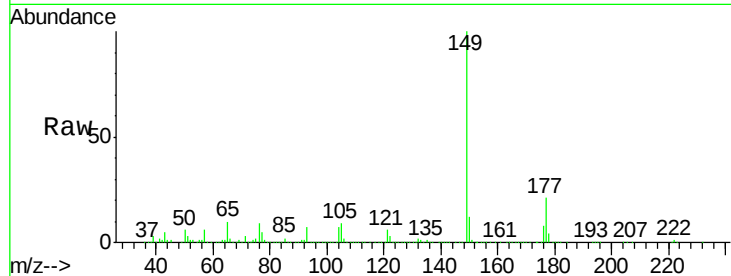




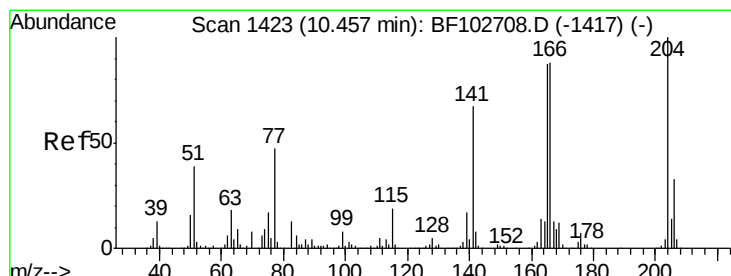
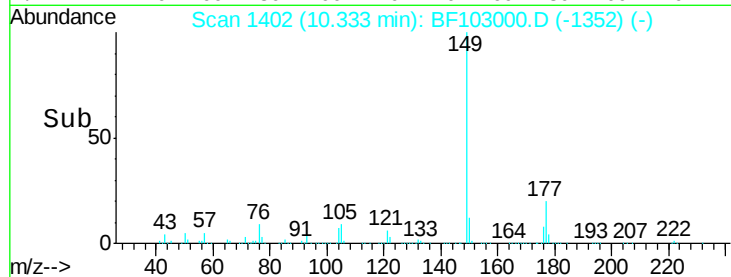
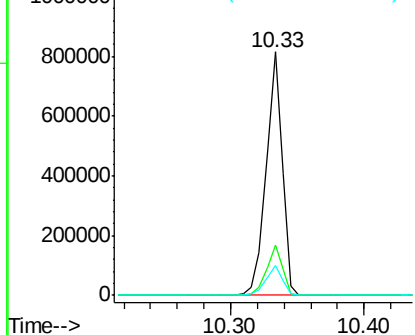
#59
Diethylphthalate
Concen: 32.85 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 680458
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.5 10.1 15.1

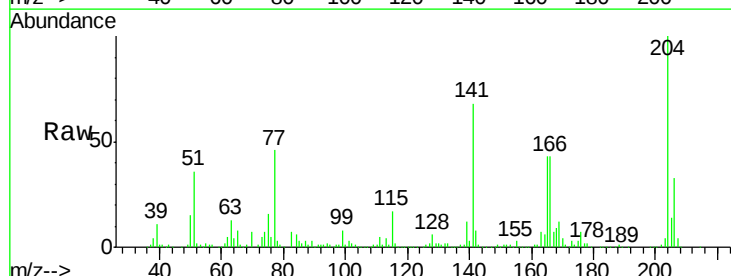


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

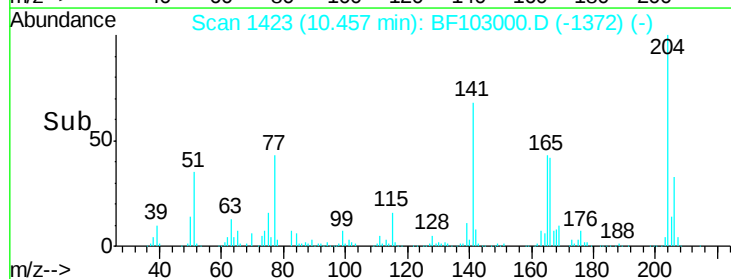
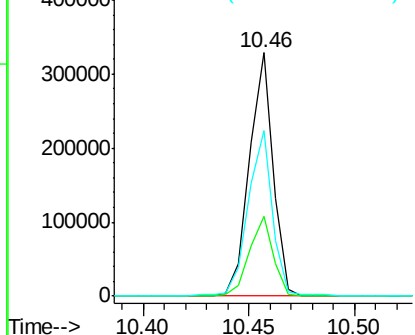


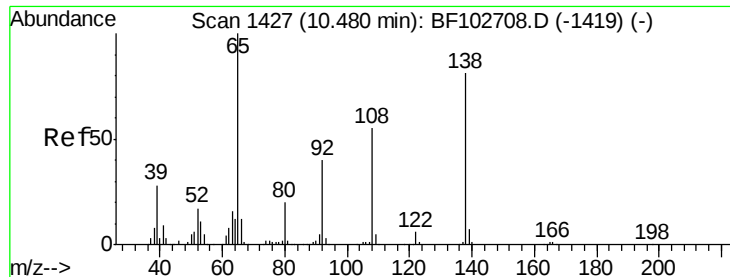
#60
4-Chlorophenyl-phenylether
Concen: 34.24 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion:204 Resp: 257375
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 68.1 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

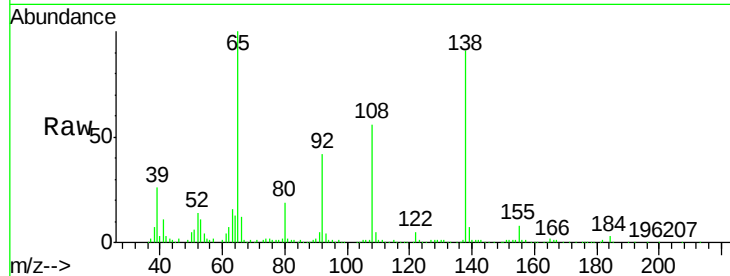




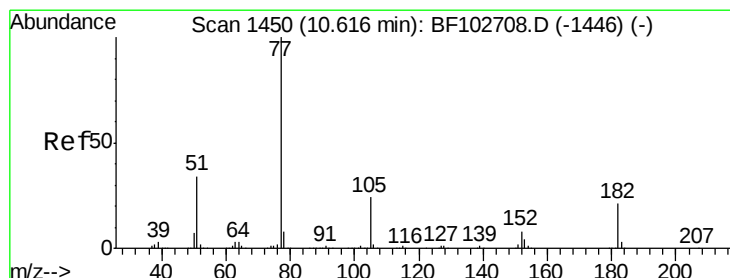
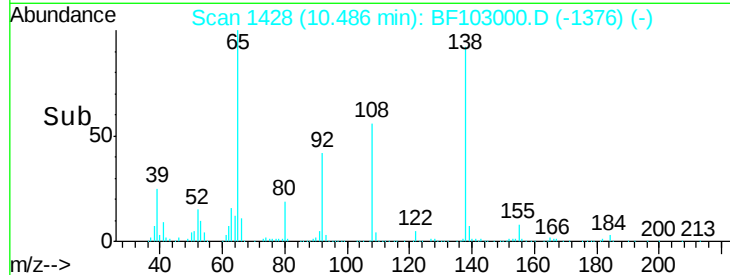
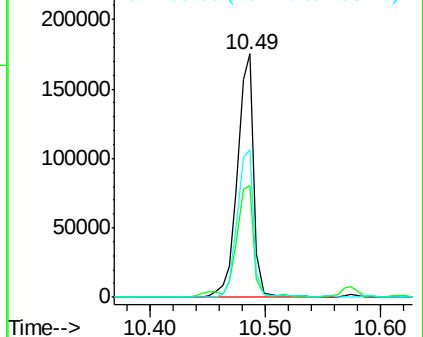
#61
4-Nitroaniline
Concen: 36.97 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 172811
Ion Ratio Lower Upper
138 100
92 45.7 30.2 70.2
108 60.8 52.5 92.5

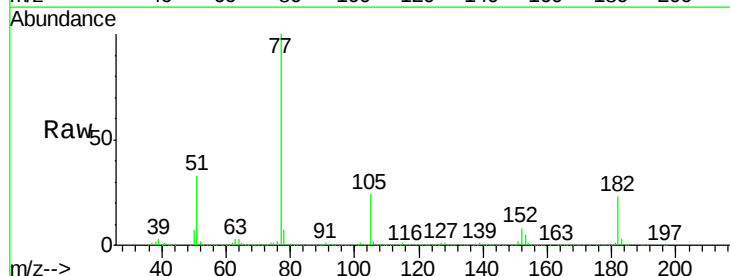


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

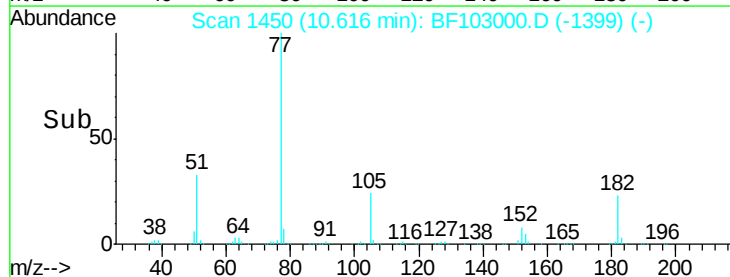
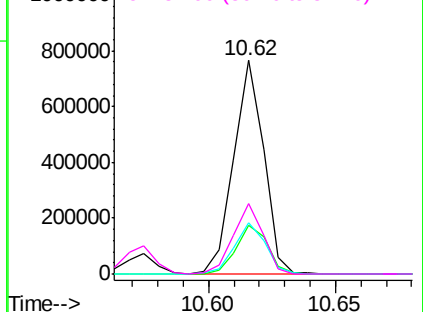


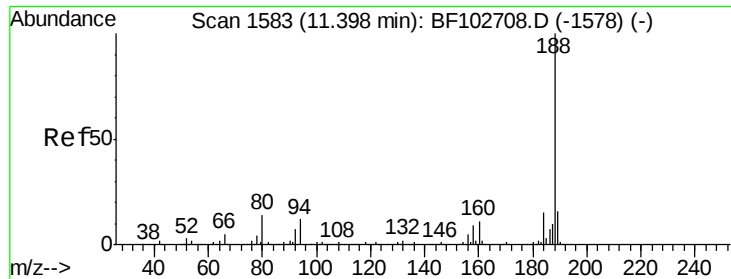
#62
Azobenzene
Concen: 30.17 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion: 77 Resp: 624202
Ion Ratio Lower Upper
77 100
182 22.6 1.7 41.7
105 24.1 3.0 43.0
51 32.8 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: 20.00 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampled :

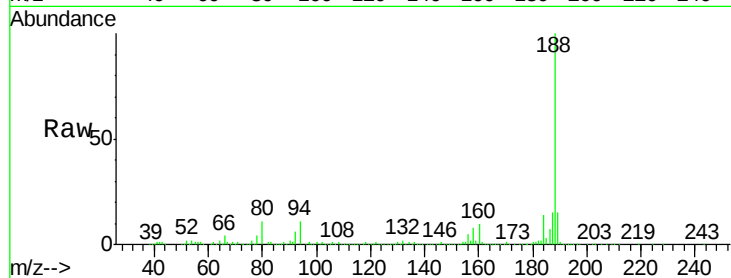
Tot Ion:188 Resp: 394875

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

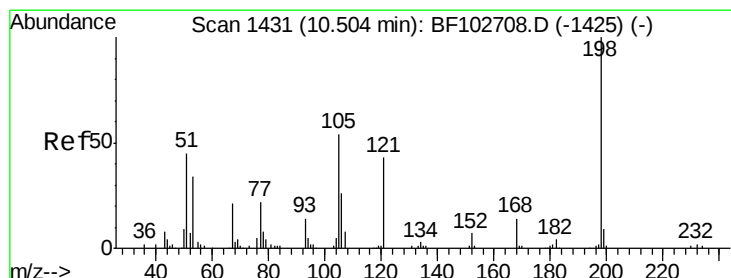
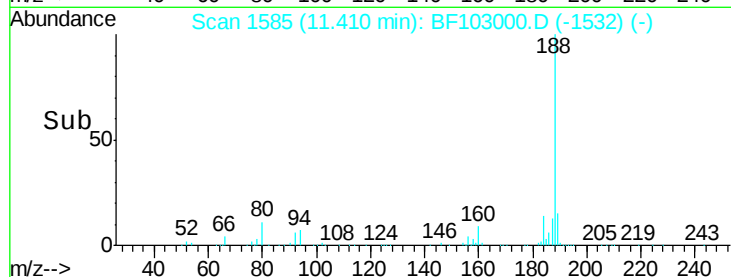
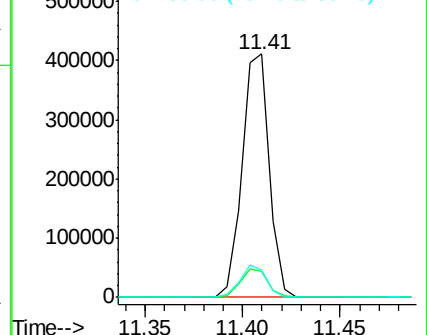
80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 11.30 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

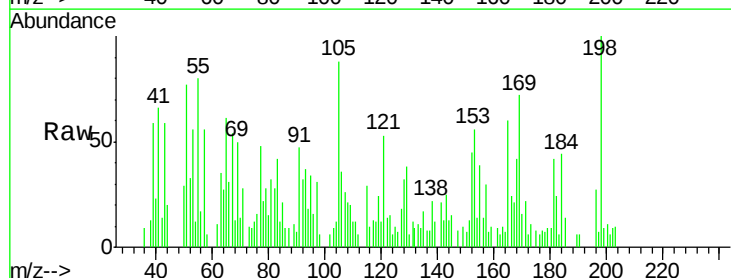
Tgt Ion:198 Resp: 4485

Ion Ratio Lower Upper

198 100

51 77.4 37.7 77.7

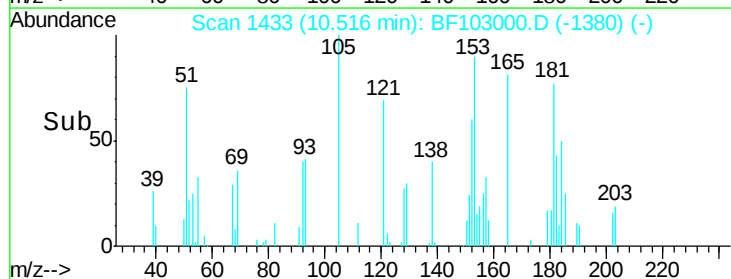
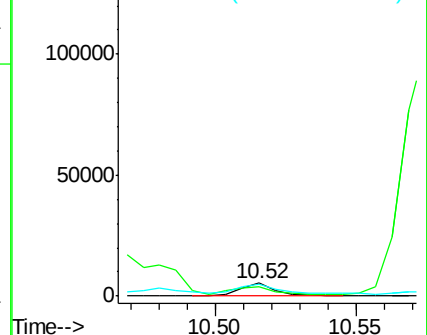
105 87.7 36.3 76.3#

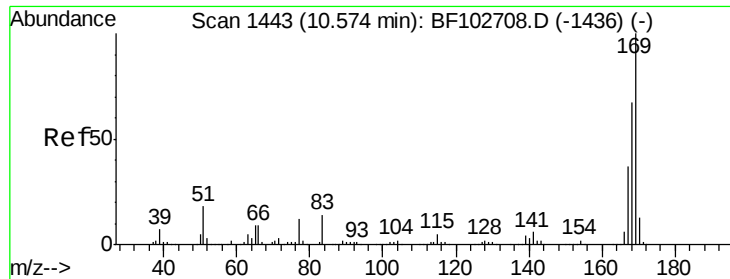


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

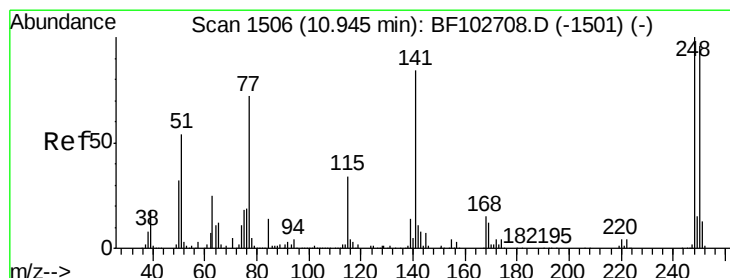
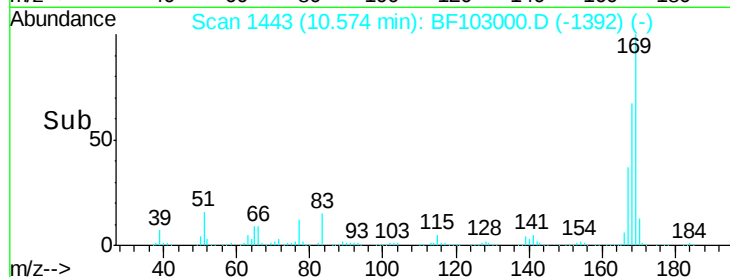
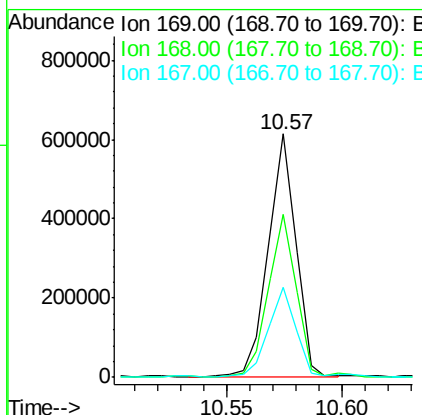
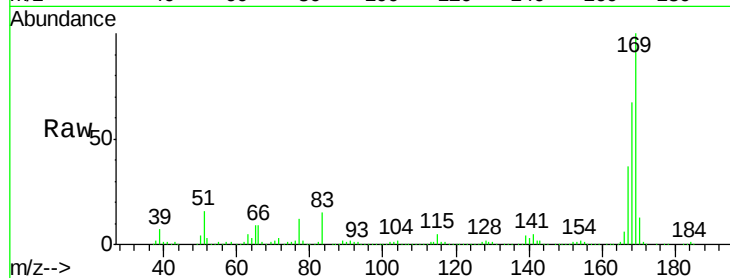




#65
n-Nitrosodiphenylamine
Concen: 36.88 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

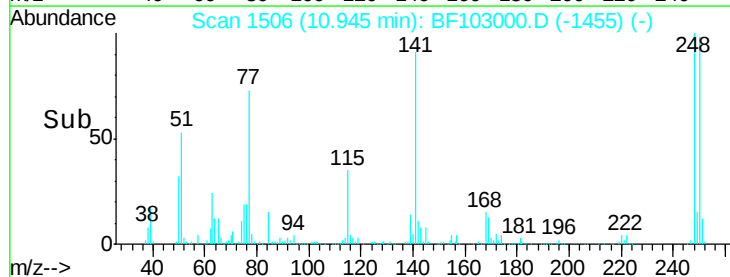
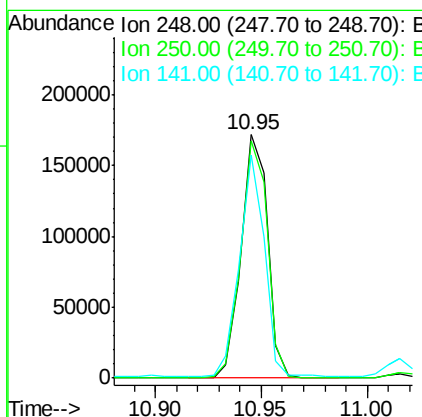
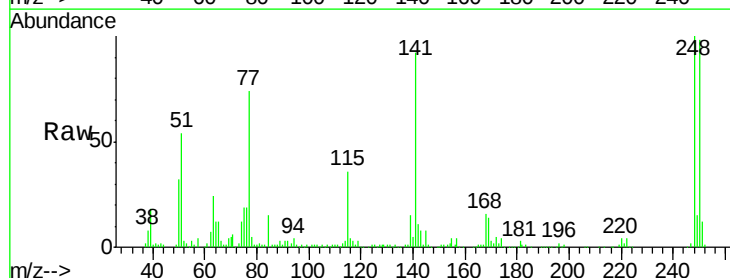
Instrument :
BNA_F
ClientSampleId :

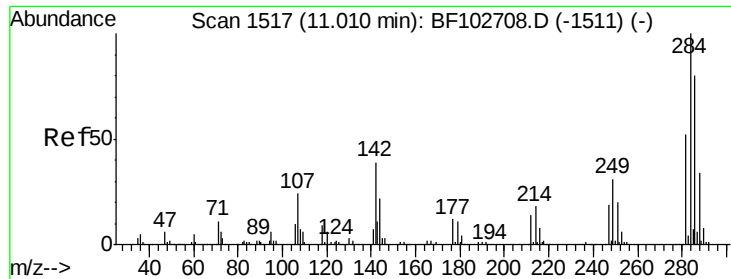
Tot Ion:169 Resp: 513714
Ion Ratio Lower Upper
169 100
168 66.7 54.4 81.6
167 37.1 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 35.59 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion:248 Resp: 148675
Ion Ratio Lower Upper
248 100
250 97.6 76.9 115.3
141 91.5 74.4 111.6

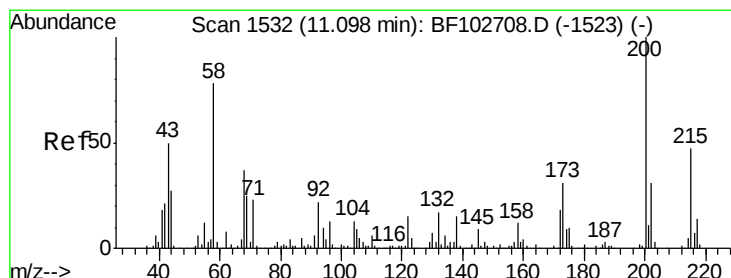
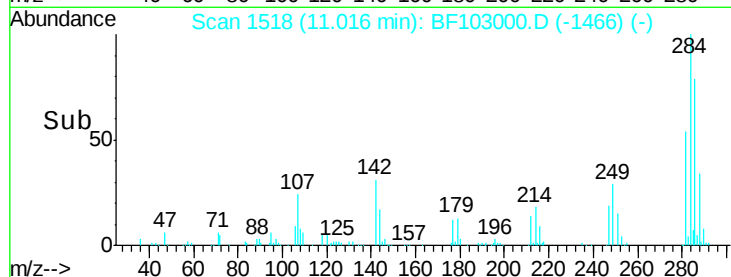
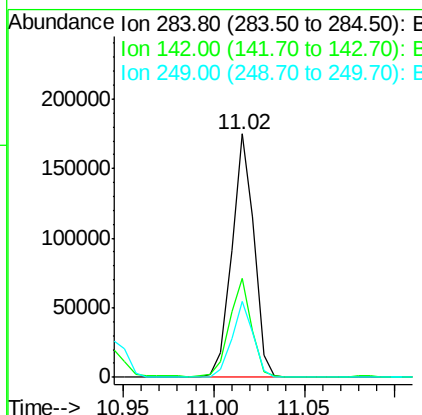
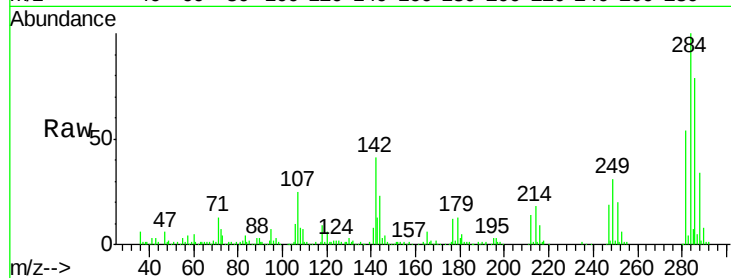




#67
Hexachlorobenzene
Concen: 32.12 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

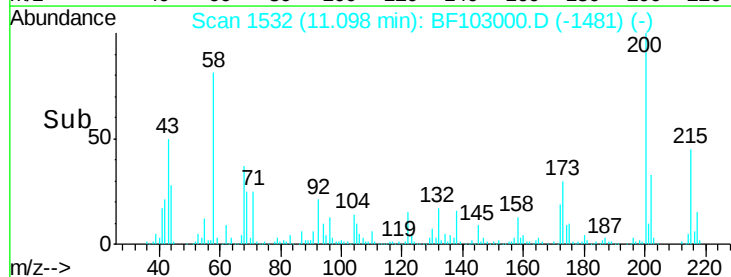
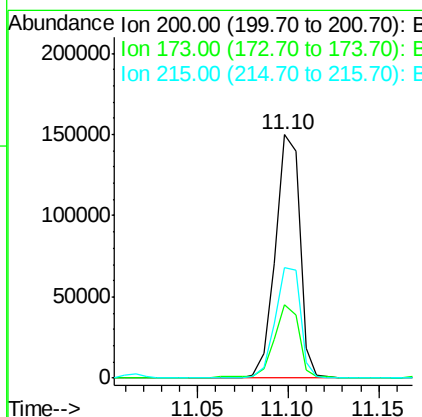
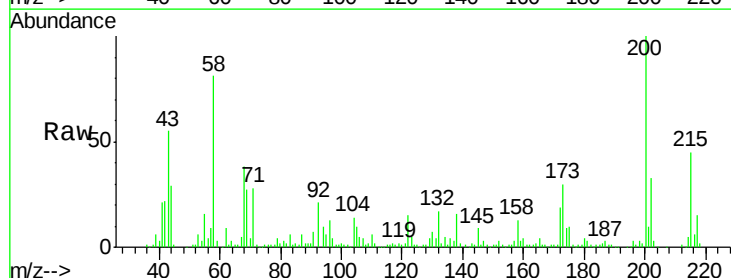
Instrument :
BNA_F
ClientSampleId :

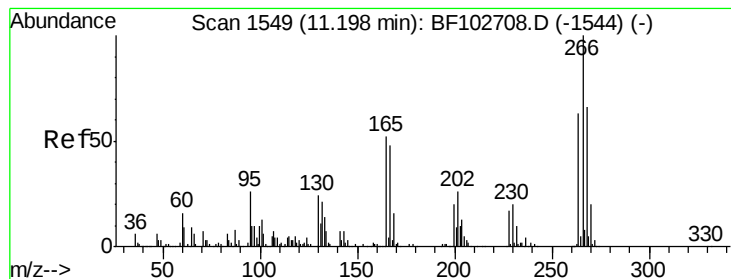
Tot Ion:284 Resp: 148013
Ion Ratio Lower Upper
284 100
142 40.7 34.6 52.0
249 31.4 24.8 37.2



#68
Atrazine
Concen: 34.28 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion:200 Resp: 140873
Ion Ratio Lower Upper
200 100
173 30.3 8.6 48.6
215 45.4 25.1 65.1





#69

Pentachlorophenol

Concen: 46.68 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

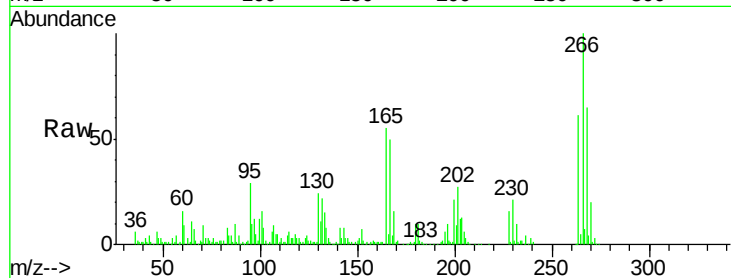
Tot Ion:266 Resp: 126264

Ion Ratio Lower Upper

266 100

268 64.6 51.1 76.7

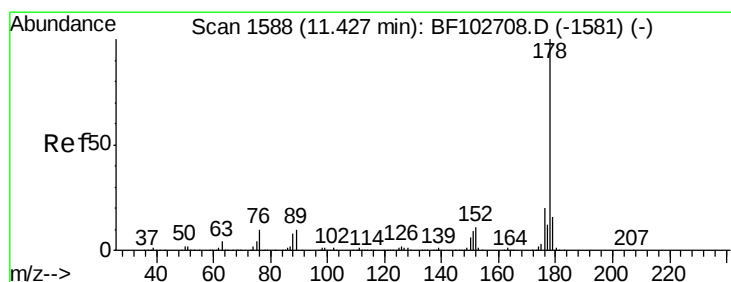
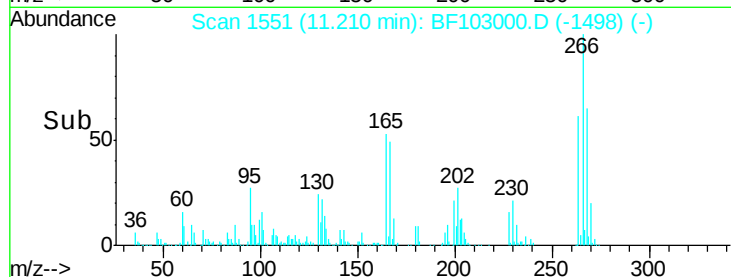
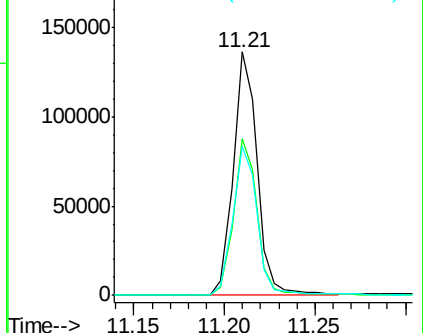
264 61.4 49.5 74.3



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: 37.19 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

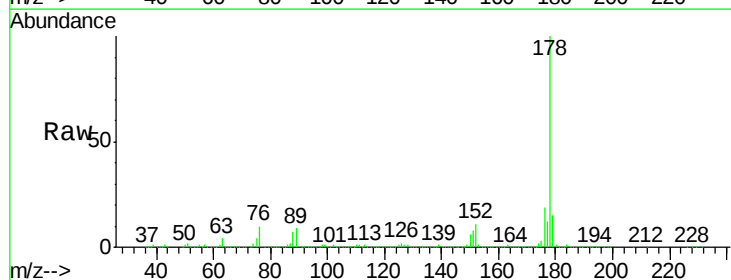
Tgt Ion:178 Resp: 817896

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

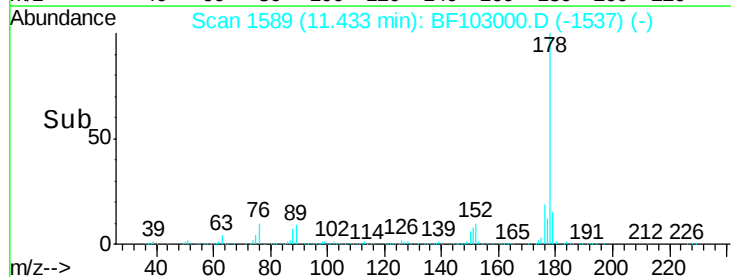
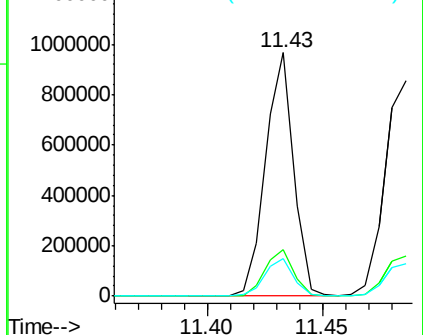
179 15.5 13.0 19.6

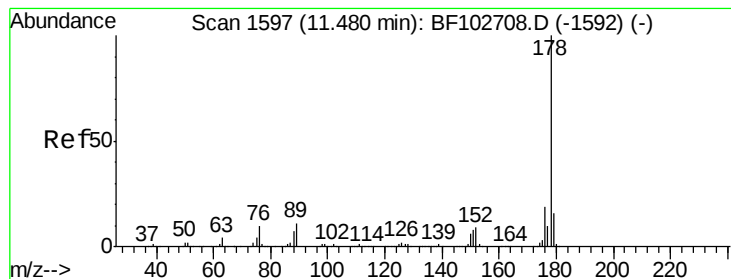


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 34.32 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

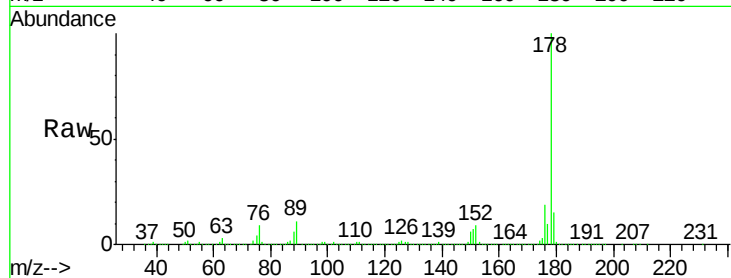
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 767641

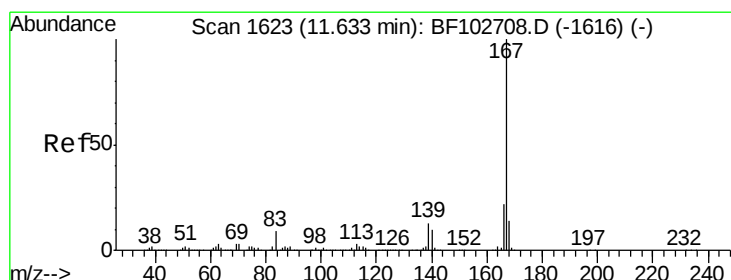
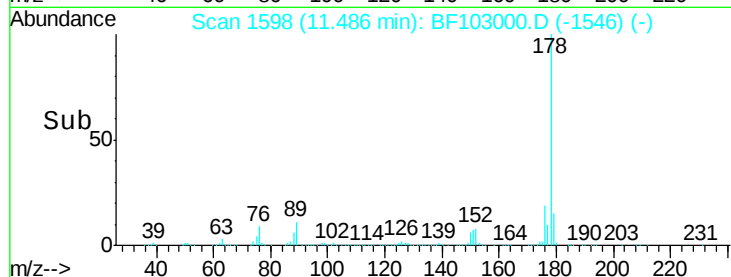
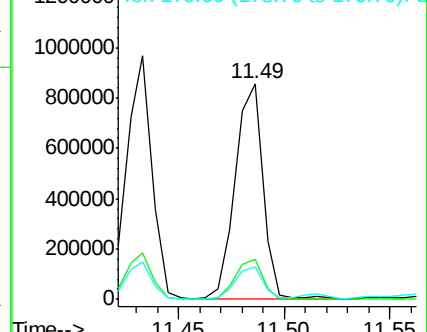
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.2	12.6	19.0



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



#72

Carbazole

Concen: 33.08 ng

RT: 11.64 min Scan# 1624

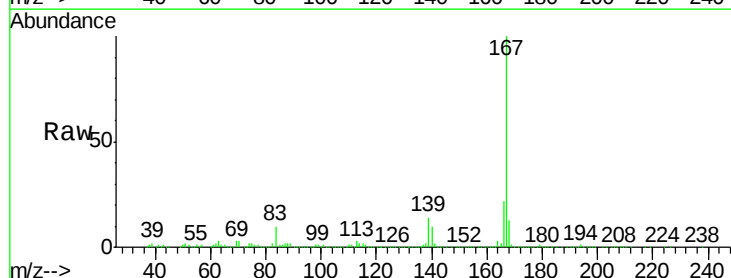
Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:167 Resp: 725008

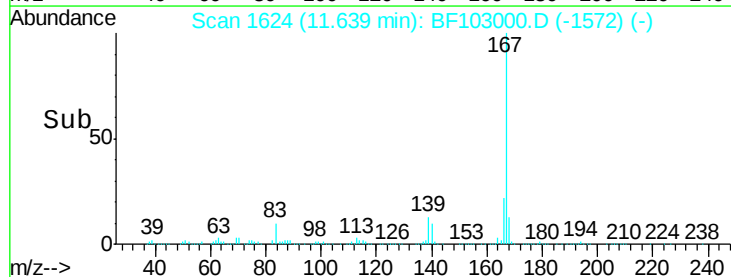
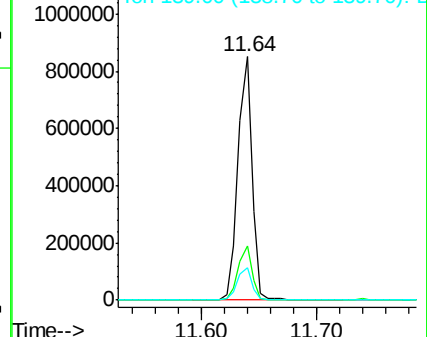
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.5	10.9	16.3

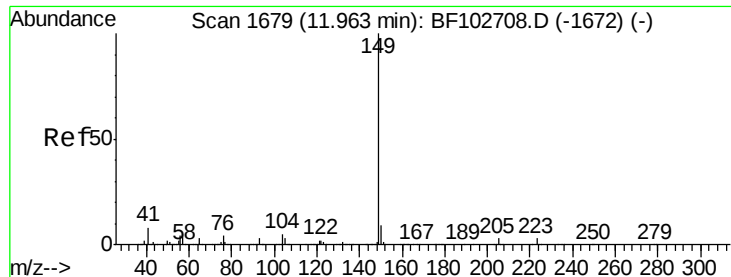


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.65 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

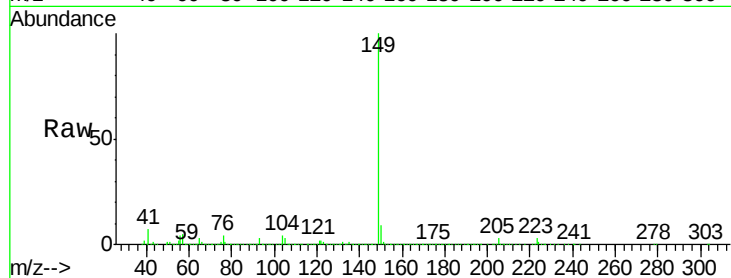
Tot Ion:149 Resp: 922385

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

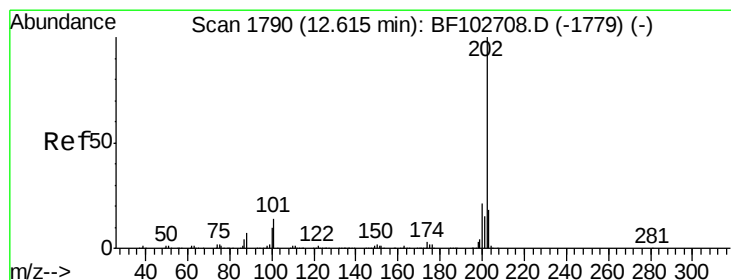
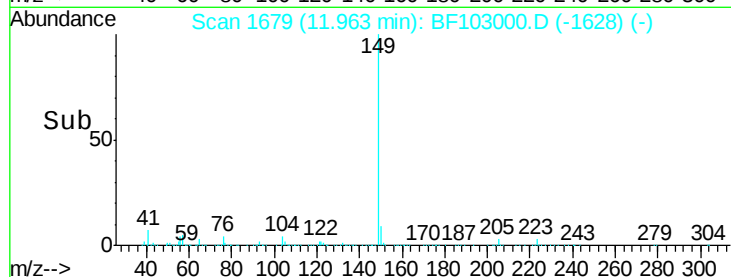
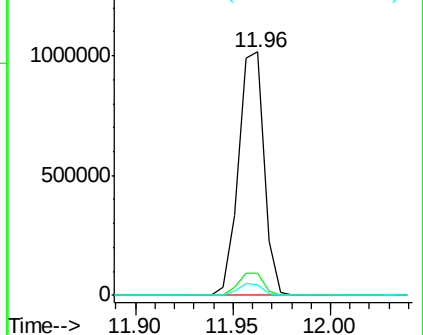
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.57 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

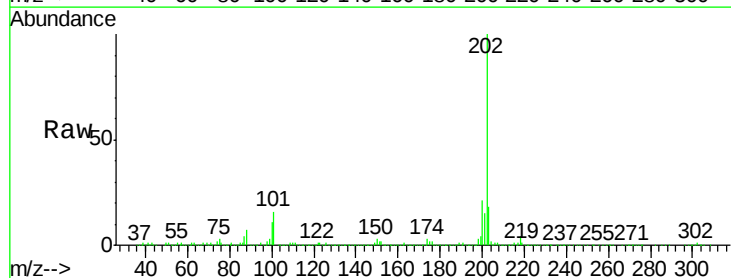
Tgt Ion:202 Resp: 875592

Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.1

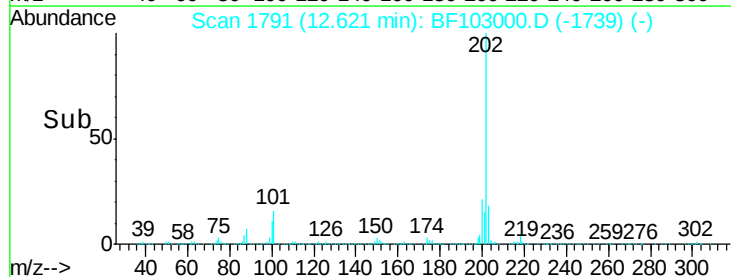
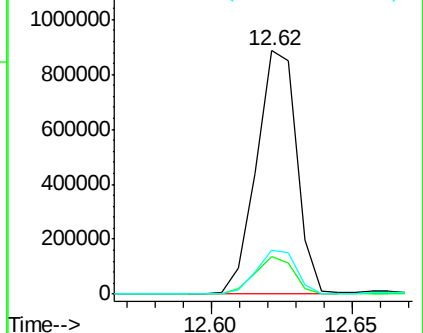
203 18.2 0.0 38.1

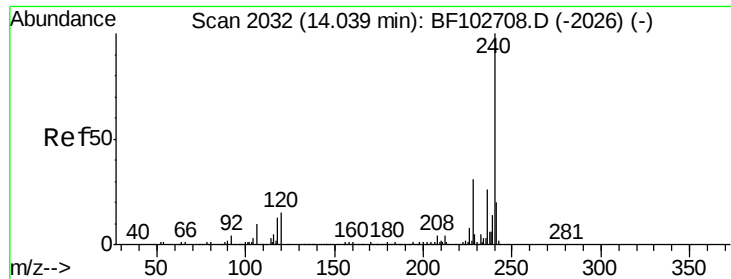


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

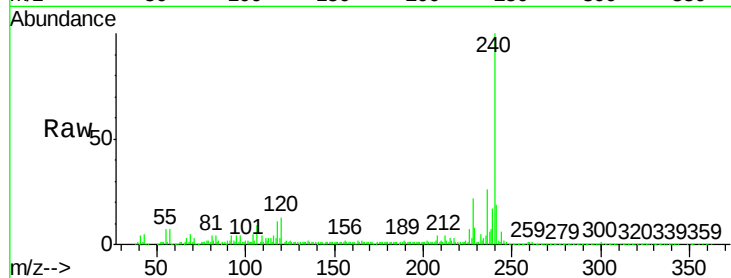
Tot Ion:240 Resp: 307619

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

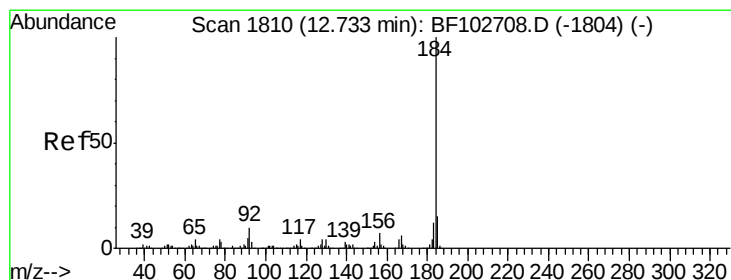
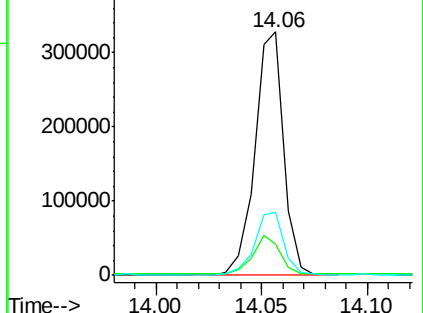
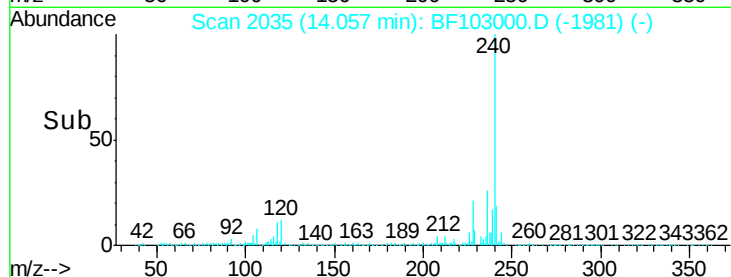
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.25 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

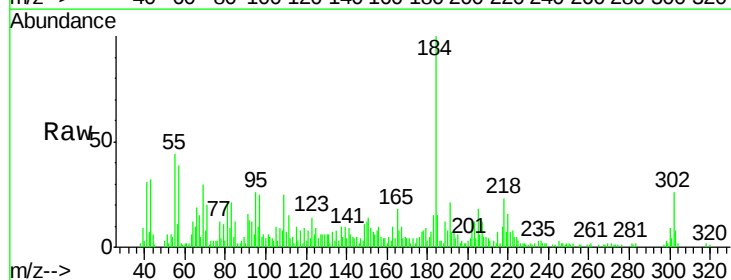
Tgt Ion:184 Resp: 31875

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

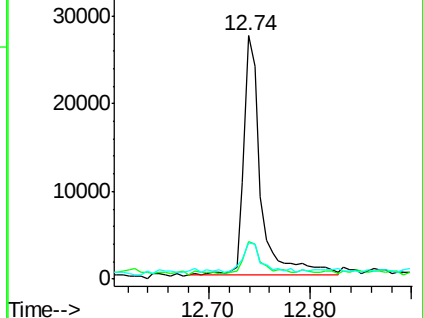
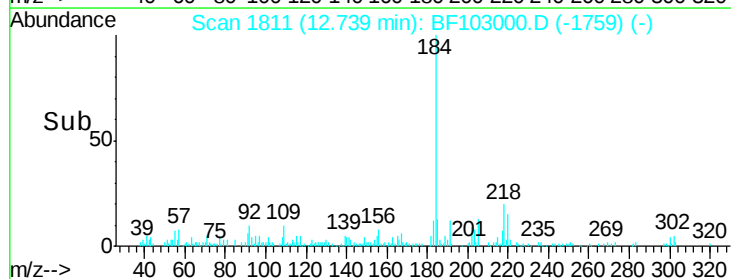
183 14.9 9.3 13.9#

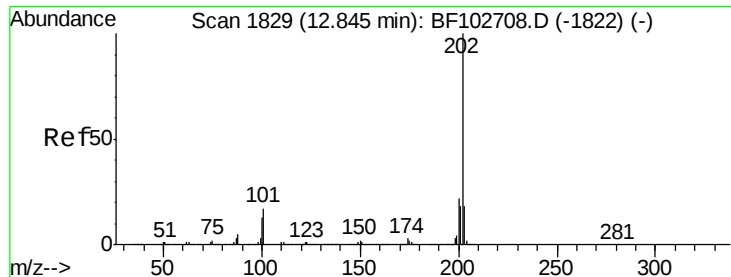


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

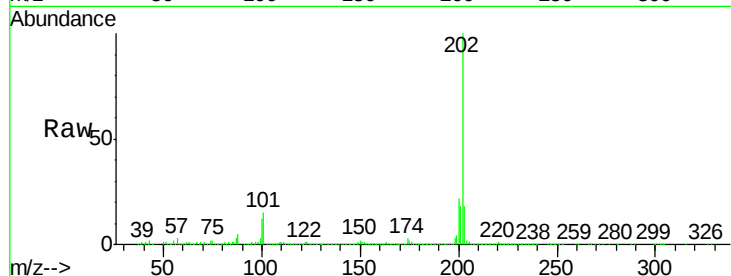




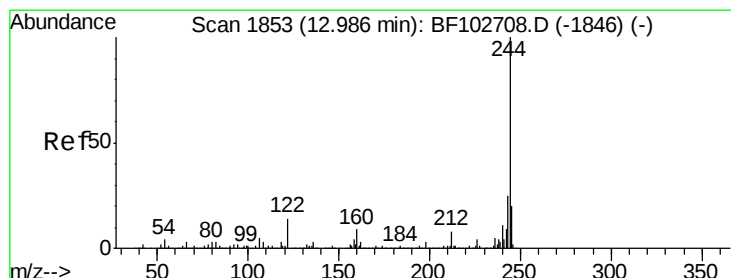
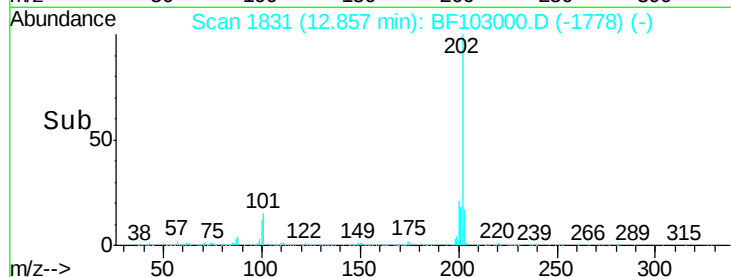
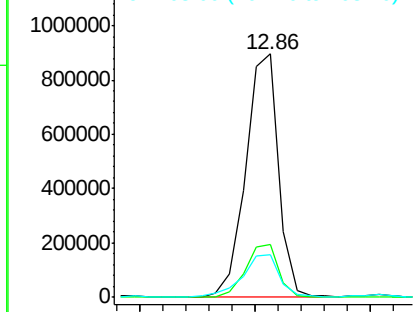
#77
Pvrene
Concen: 36.72 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

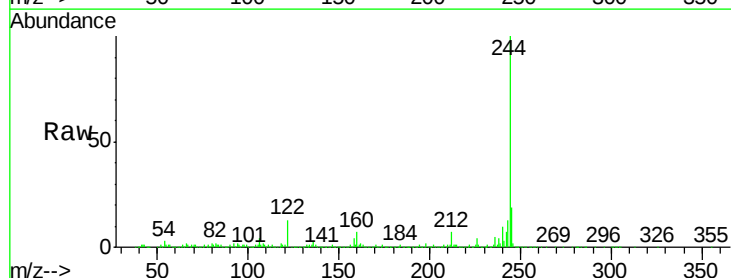


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

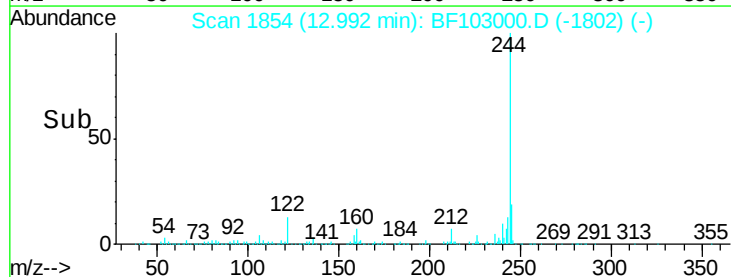
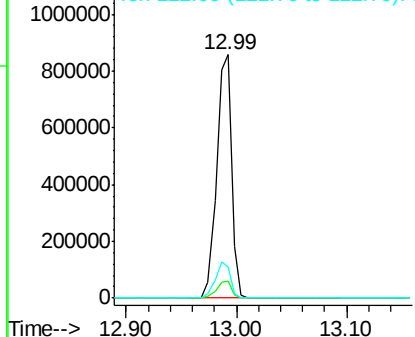


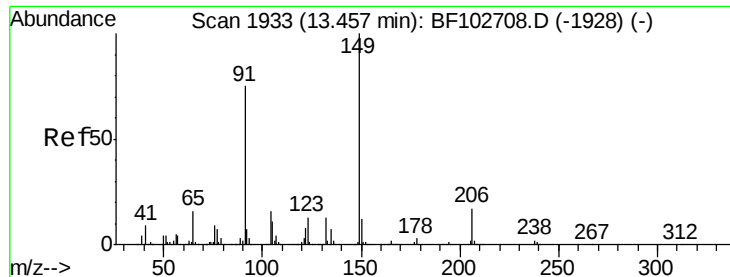
#78
Terphenyl-d14
Concen: 61.70 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.6	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: 35.15 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

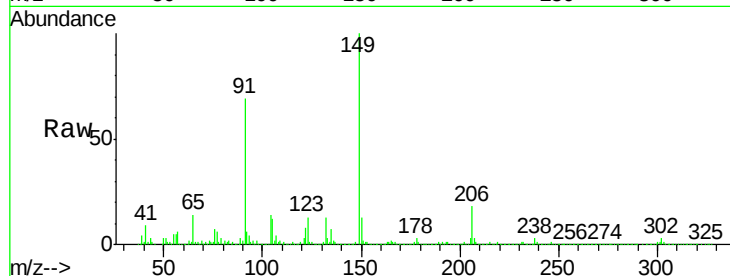
Tot Ion:149 Resp: 402320

Ion Ratio Lower Upper

149 100

91 68.9 56.8 85.2

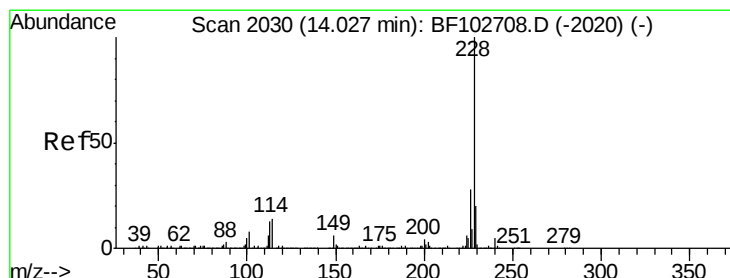
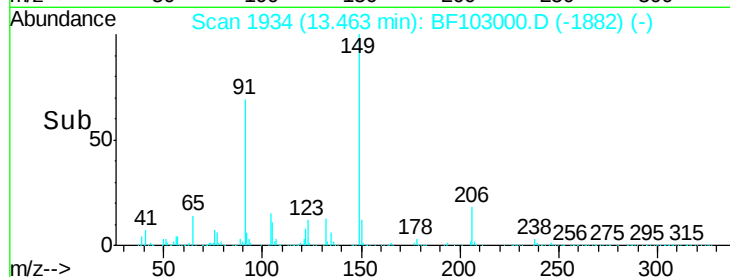
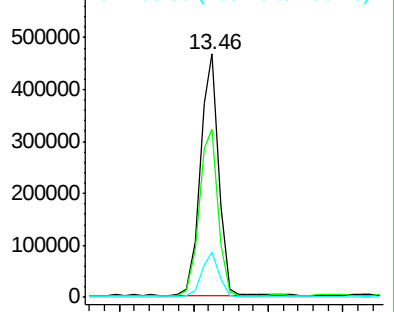
206 18.5 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.83 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.02 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

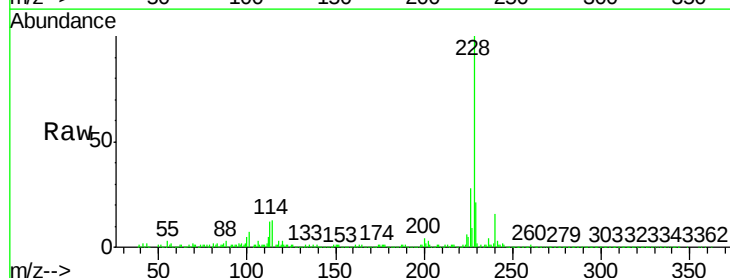
Tgt Ion:228 Resp: 751208

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

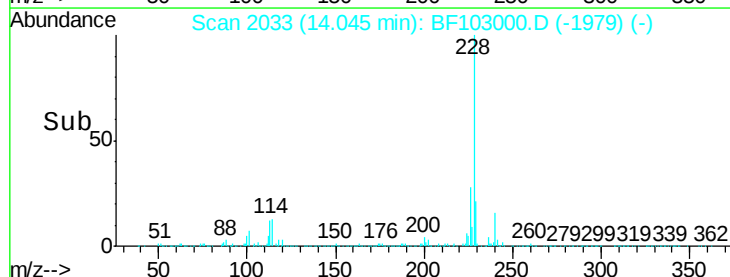
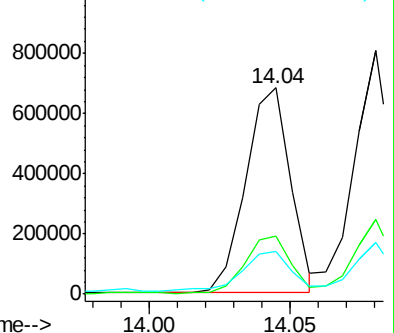
229 21.0 15.8 23.6

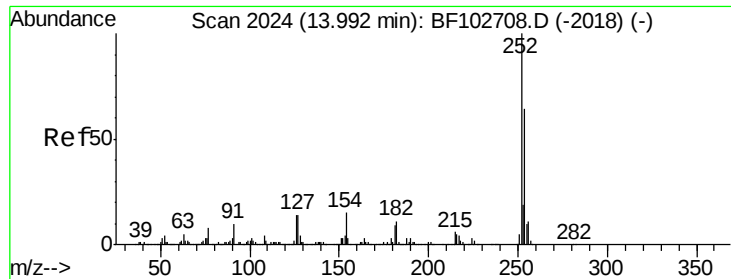


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 19.80 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

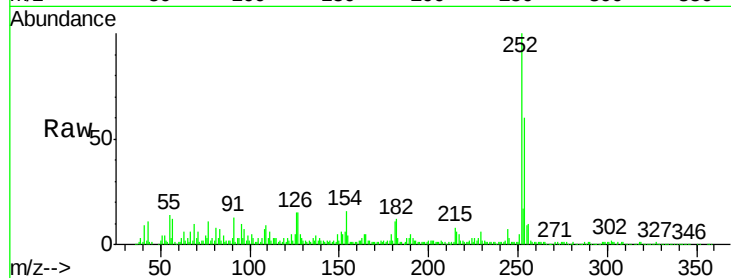
Tot Ion:252 Resp: 142009

Ion Ratio Lower Upper

252 100

254 60.4 50.4 75.6

126 15.3 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

14.00

150000

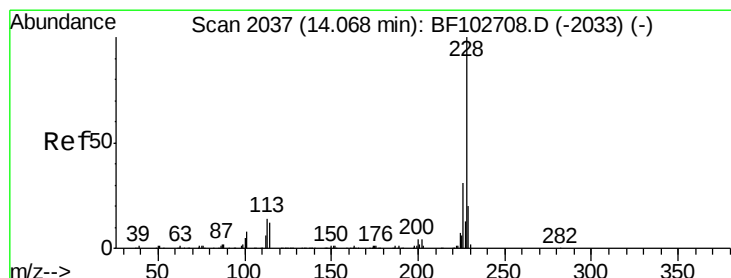
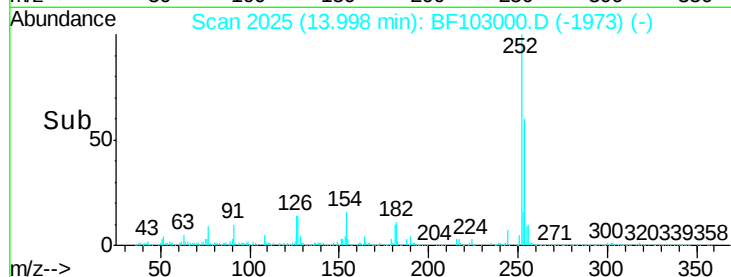
100000

50000

0

13.90 13.95 14.00 14.05

Time-->



#82

Chrysene

Concen: 38.06 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

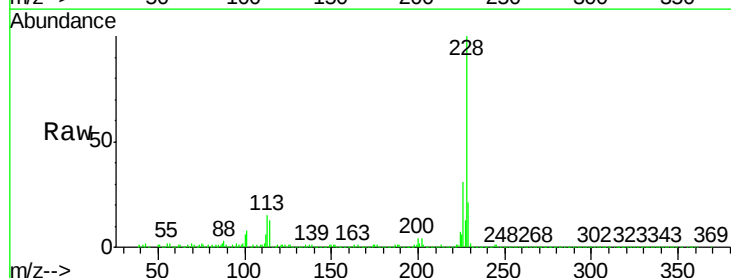
Tgt Ion:228 Resp: 742235

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 21.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.08

1000000

800000

600000

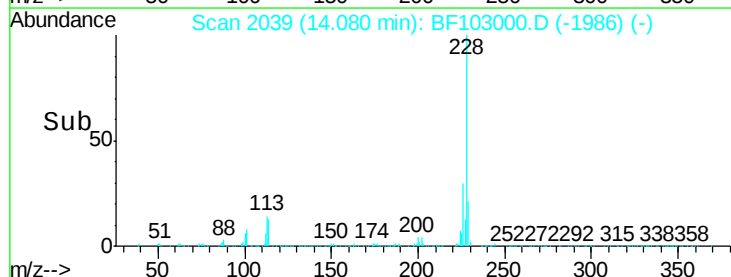
400000

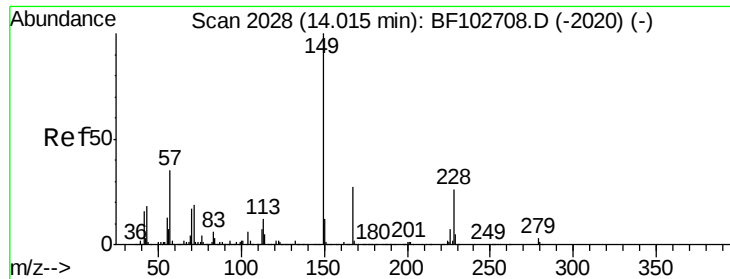
200000

0

14.05 14.10

Time-->

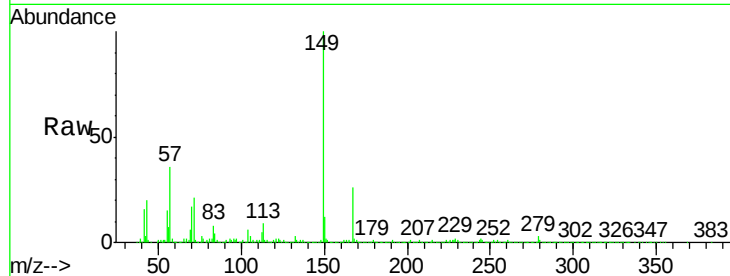




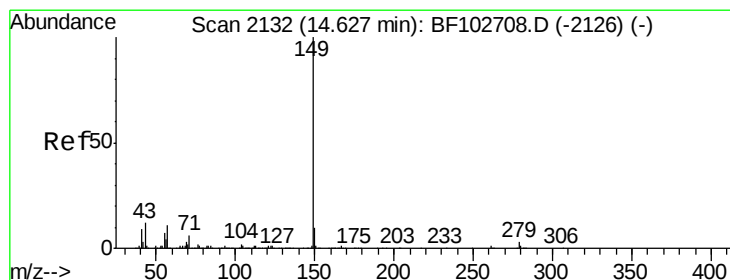
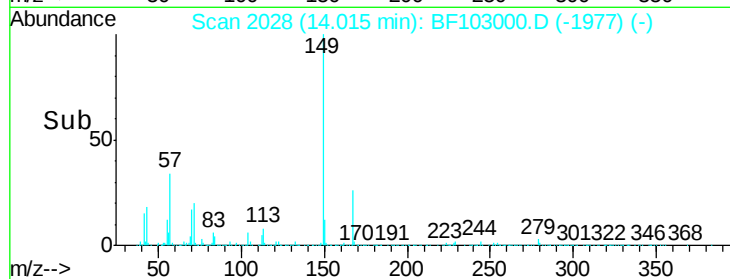
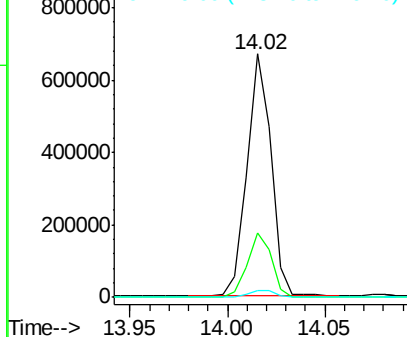
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.19 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 564271
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 2.9 3.0 4.4#

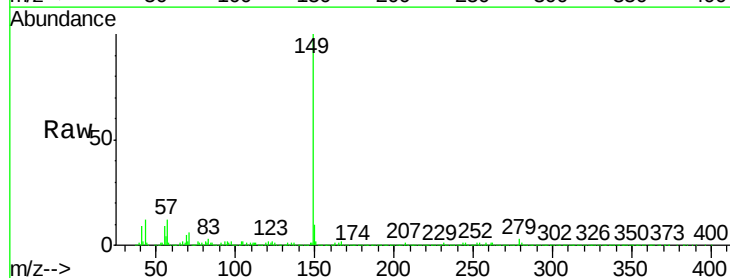


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

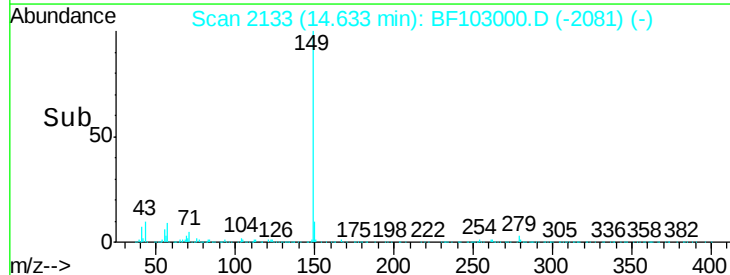
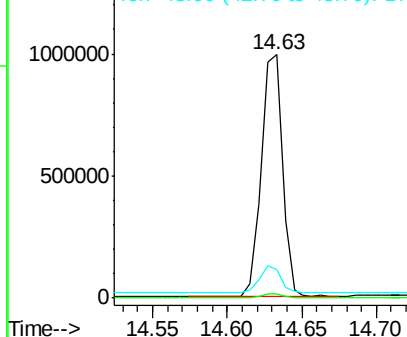


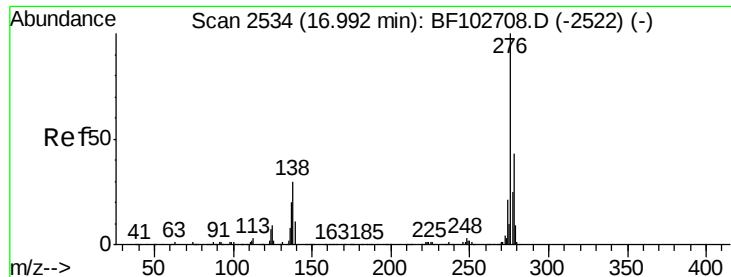
#84
 Di-n-octyl phthalate
 Concen: 43.77 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion:149 Resp: 971266
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.5 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

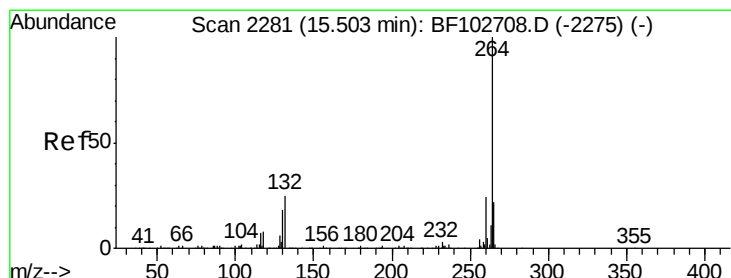
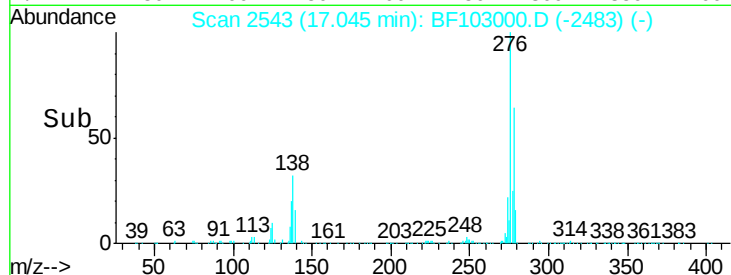
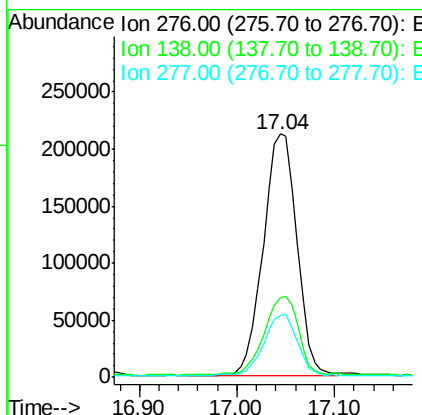
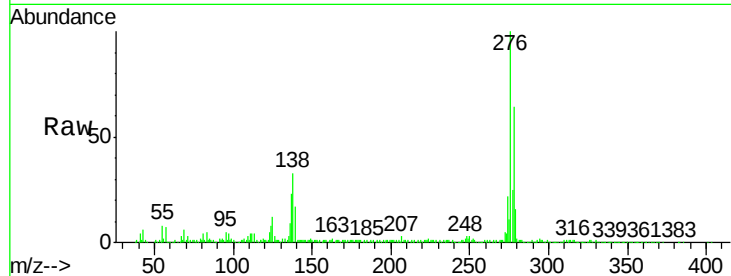




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.65 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.05 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

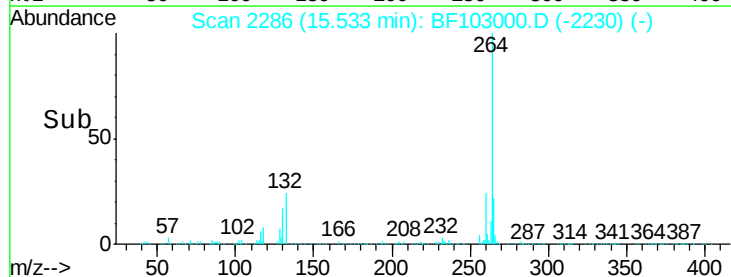
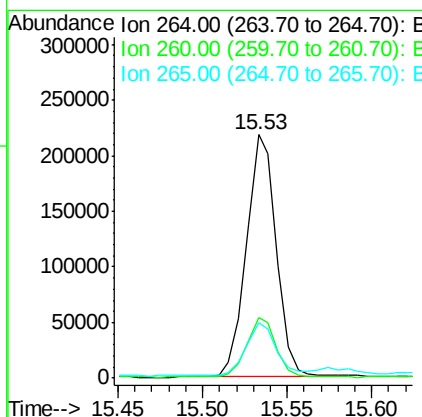
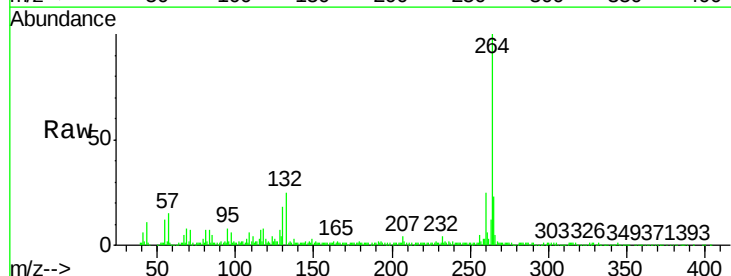
Instrument :
 BNA_F
 ClientSampleId :

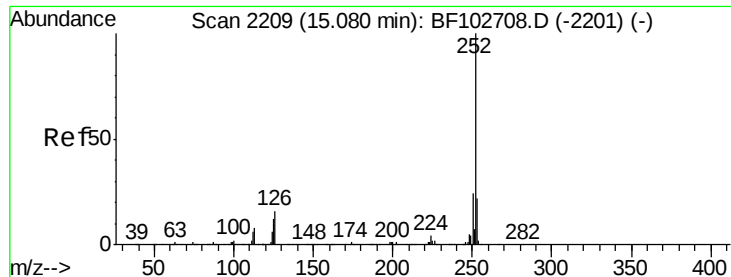
Tot Ion:276 Resp: 511862
 Ion Ratio Lower Upper
 276 100
 138 33.1 25.0 37.6
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.03 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion:264 Resp: 269974
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 23.0 17.5 26.3

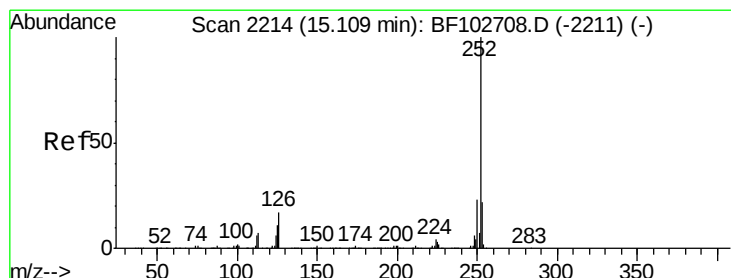
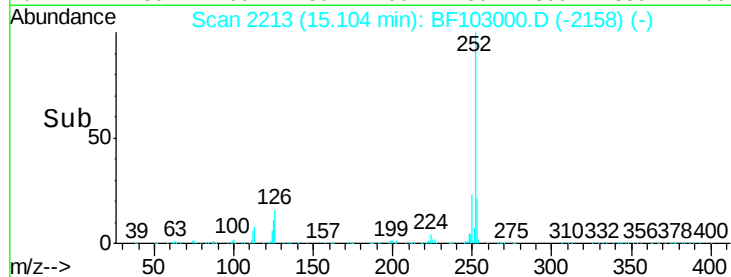
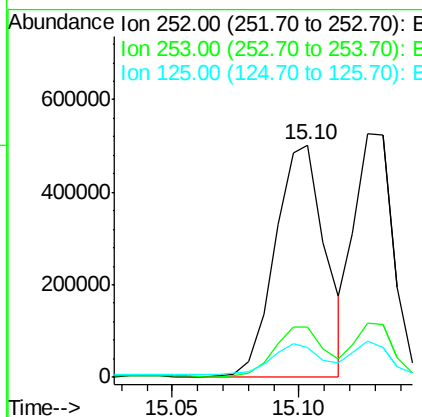
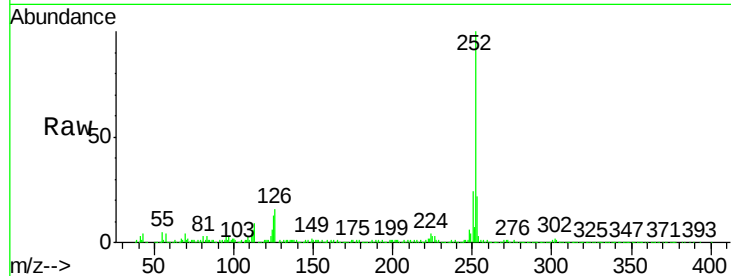




#87
Benzo(b)fluoranthene
Concen: 39.31 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

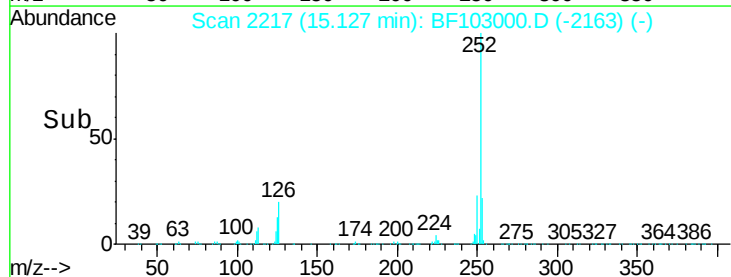
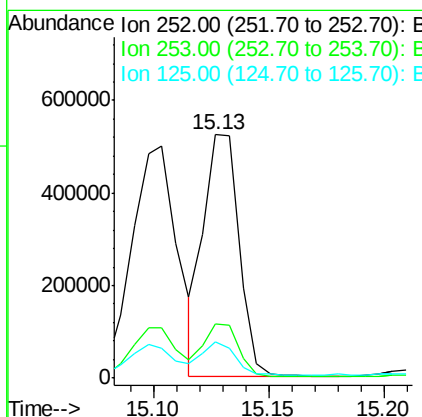
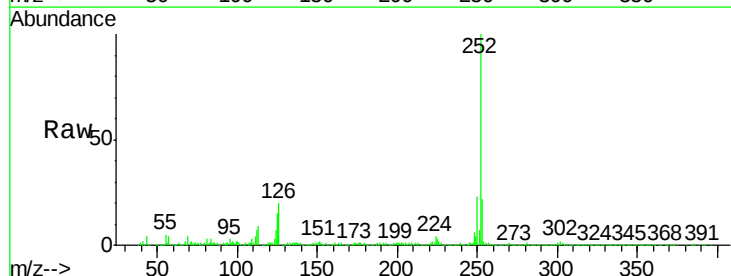
Instrument :
BNA_F
ClientSampleId :

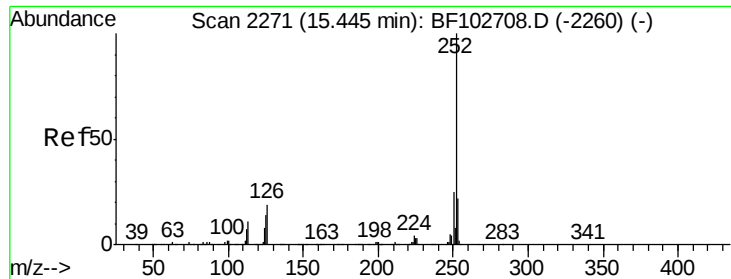
Tot Ion:252 Resp: 688130
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.47 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion:252 Resp: 559845
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 14.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 35.46 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.03 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

ClientSampleId :

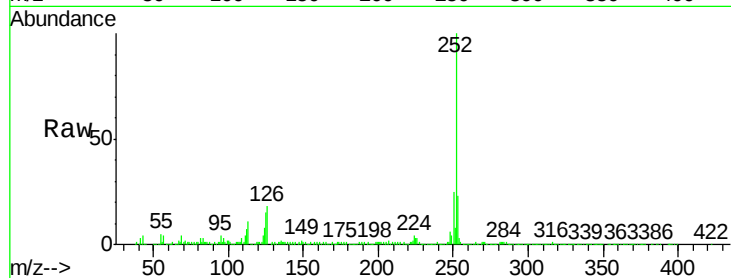
Tot Ion:252 Resp: 558747

Ion Ratio Lower Upper

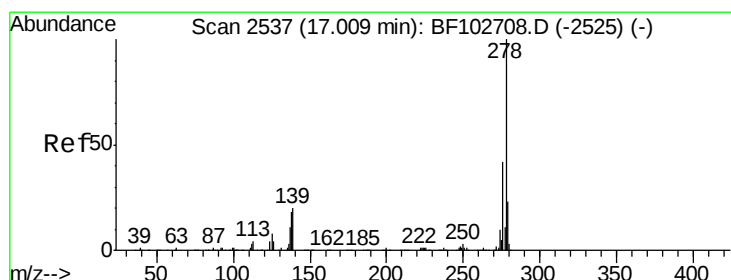
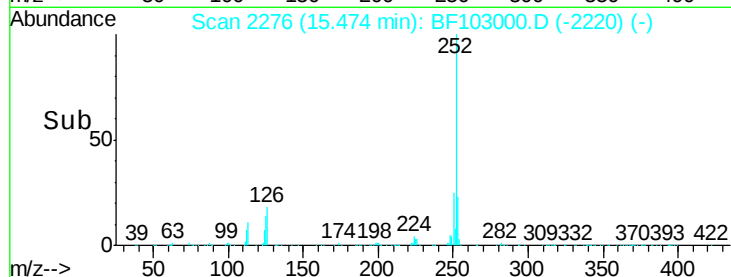
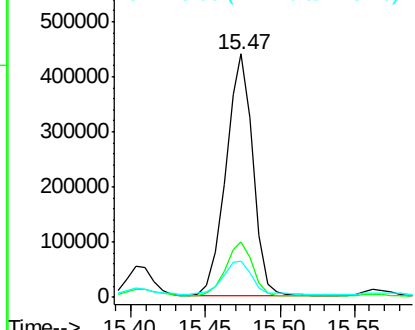
252 100

253 23.0 17.1 25.7

125 14.8 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 33.34 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.05 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

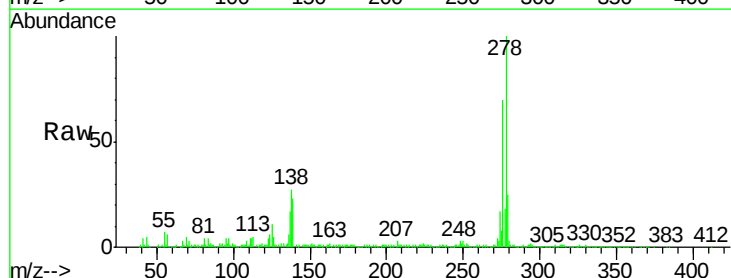
Tgt Ion:278 Resp: 426415

Ion Ratio Lower Upper

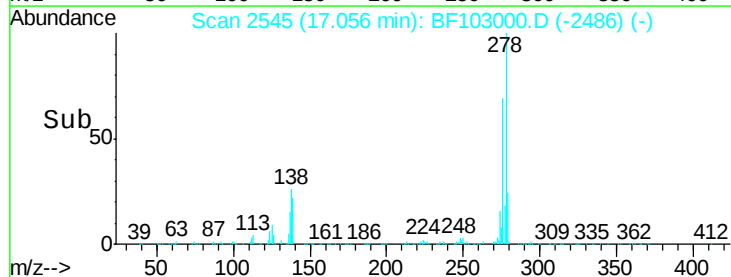
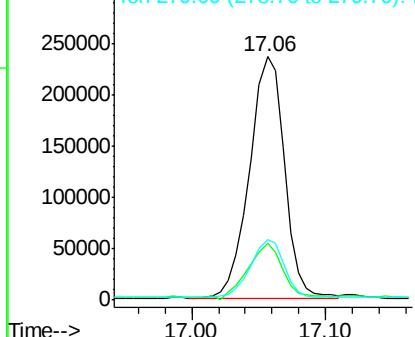
278 100

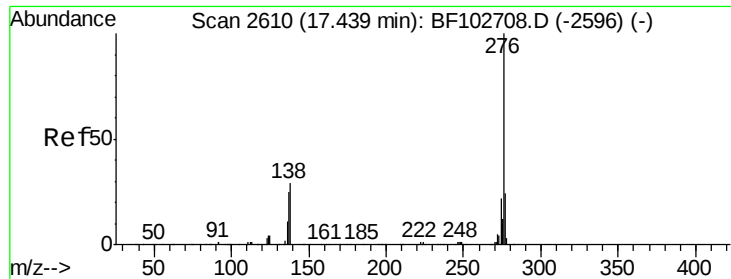
139 23.4 15.9 23.9

279 24.9 19.0 28.4



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

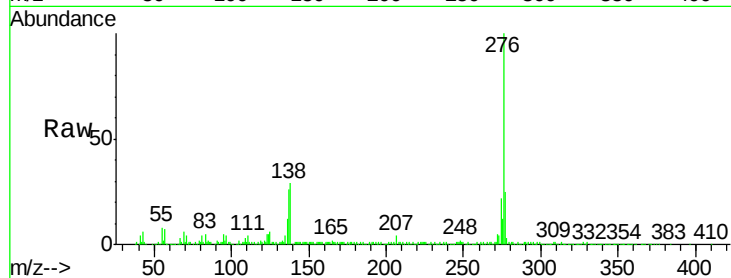




#91
 Benzo(a,h,i)perylene
 Concen: 34.24 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.06 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	29.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

