

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103161.D
 Acq On : 22 Feb 2018 14:46
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Quant Time: Feb 23 02:08:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160212	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	657949	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	296195	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	507506	20.00	ng	0.00
75) Chrysene-d12	14.05	240	361788	20.00	ng	0.00
86) Perylene-d12	15.54	264	337636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	848769	80.13	ng	0.00
7) Phenol-d6	6.50	99	1019485	78.65	ng	0.00
23) Nitrobenzene-d5	7.44	82	948791	82.35	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	207389	82.72	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1407769	80.94	ng	0.00
78) Terphenyl-d14	12.99	244	1192365	79.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	234370	41.890	ng	93
3) Pyridine	3.41	79	625674	41.889	ng	95
4) n-Nitrosodimethylamine	3.36	42	255901	42.481	ng	98
6) Aniline	6.54	93	756540	40.441	ng	95
8) 2-Chlorophenol	6.66	128	439368	39.927	ng	95
9) Benzaldehyde	6.43	77	313062	39.626	ng	98
10) Phenol	6.52	94	614091	40.810	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	466242	40.824	ng	94
12) 1,3-Dichlorobenzene	6.81	146	507306	40.341	ng	97
13) 1,4-Dichlorobenzene	6.89	146	505154	40.066	ng	99
14) 1,2-Dichlorobenzene	7.05	146	459445	39.520	ng	98
15) Benzyl Alcohol	7.02	79	393525	40.289	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	806184	41.107	ng	99
17) 2-Methylphenol	7.12	107	398215	39.820	ng	98
18) Hexachloroethane	7.38	117	186242	40.577	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	308958	38.298	ng	98
20) 3+4-Methylphenols	7.28	107	464493	38.103	ng	# 70
22) Acetophenone	7.29	105	603879	39.321	ng	# 97
24) Nitrobenzene	7.46	77	527079	41.552	ng	98
25) Isophorone	7.69	82	910531	40.128	ng	98
26) 2-Nitrophenol	7.77	139	261351	43.767	ng	95
27) 2,4-Dimethylphenol	7.80	122	363291	39.801	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	544377	40.805	ng	99
29) 2,4-Dichlorophenol	8.02	162	359609	41.151	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	380350	40.872	ng	99
31) Naphthalene	8.18	128	1293785	40.165	ng	100
32) Benzoic acid	7.94	122	247086	38.146	ng	97
33) 4-Chloroaniline	8.23	127	559955	40.284	ng	98
34) Hexachlorobutadiene	8.29	225	197171	40.688	ng	98
35) Caprolactam	8.60	113	131680	42.874	ng	# 75
36) 4-Chloro-3-methylphenol	8.71	107	397805	40.359	ng	98
37) 2-Methylnaphthalene	8.87	142	837715	40.240	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	338946	41.859	ng	99
40) Hexachlorocyclopentadiene	9.02	237	102430	40.785	ng	99

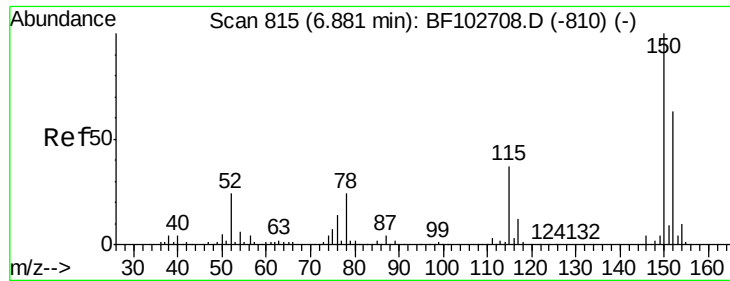
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	229979	42.209	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	260899	41.633	ng	97
45) 1,1'-Biphenyl	9.33	154	991143	39.934	ng	99
46) 2-Chloronaphthalene	9.36	162	795758	40.526	ng	97
47) 2-Nitroaniline	9.46	65	303500	41.727	ng	88
48) Acenaphthylene	9.77	152	1217700	40.306	ng	99
49) Dimethylphthalate	9.63	163	956987	40.275	ng	100
50) 2,6-Dinitrotoluene	9.70	165	211426	42.401	ng	94
51) Acenaphthene	9.94	154	700915	39.787	ng	99
52) 3-Nitroaniline	9.87	138	264378	41.790	ng	98
53) 2,4-Dinitrophenol	9.98	184	64193	40.975	ng	# 18
54) Dibenzofuran	10.12	168	996018	41.186	ng	98
55) 4-Nitrophenol	10.03	139	163627	41.732	ng	96
56) 2,4-Dinitrotoluene	10.10	165	269970	42.809	ng	92
57) Fluorene	10.46	166	783699	38.042	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	175087	41.591	ng	97
59) Diethylphthalate	10.33	149	915493	40.285	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	348941	39.942	ng	98
61) 4-Nitroaniline	10.49	138	262341	41.517	ng	96
62) Azobenzene	10.61	77	943068	40.769	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	126330	41.641	ng	92
65) n-Nitrosodiphenylamine	10.57	169	714881	40.456	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	215481	40.759	ng	# 88
67) Hexachlorobenzene	11.01	284	239023	41.655	ng	100
68) Atrazine	11.10	200	211319	39.787	ng	97
69) Pentachlorophenol	11.20	266	116004	41.811	ng	96
70) Phenanthrene	11.43	178	1109359	39.720	ng	99
71) Anthracene	11.48	178	1144613	39.965	ng	99
72) Carbazole	11.63	167	1128305	39.561	ng	98
73) Di-n-butylphthalate	11.96	149	1453528	40.729	ng	99
74) Fluoranthene	12.62	202	1115444	39.743	ng	98
76) Benzidine	12.74	184	520558	38.487	ng	97
77) Pyrene	12.85	202	1139707	40.405	ng	100
79) Butylbenzylphthalate	13.46	149	615615	41.308	ng	99
80) Benzo(a)anthracene	14.04	228	962077	40.985	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	332707	39.715	ng	97
82) Chrysene	14.08	228	935949	41.063	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	830423	41.292	ng	# 99
84) Di-n-octyl phthalate	14.64	149	1348957	41.515	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	739392	40.976	ng	98
87) Benzo(b)fluoranthene	15.14	252	815051	36.715	ng	98
88) Benzo(k)fluoranthene	15.14	252	815051	38.990	ng	99
89) Benzo(a)pyrene	15.49	252	813574	41.040	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	624251	40.752	ng	99
91) Benzo(g,h,i)perylene	17.52	276	602499	40.244	ng	98

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

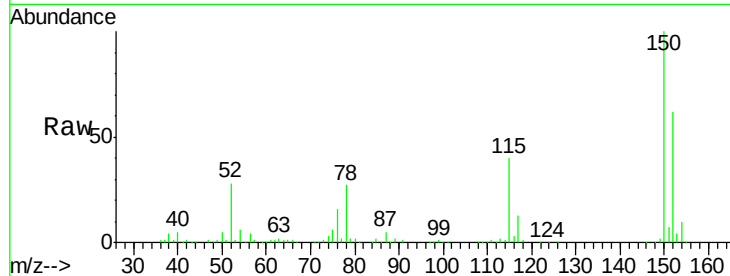


#1

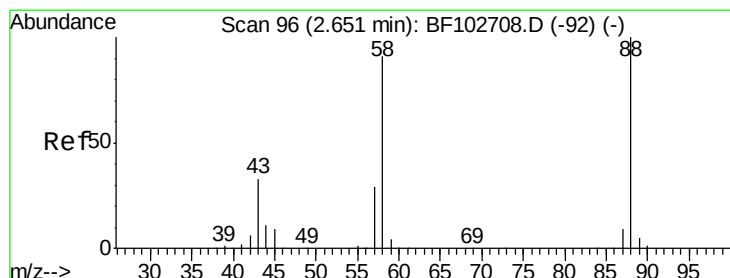
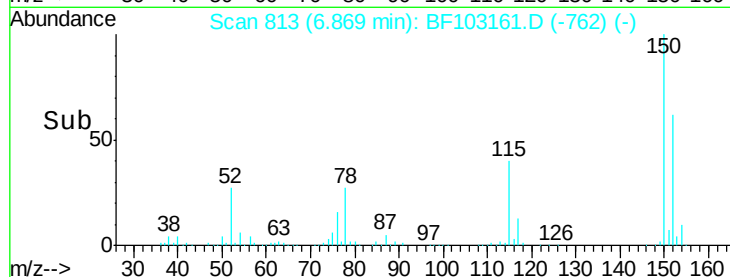
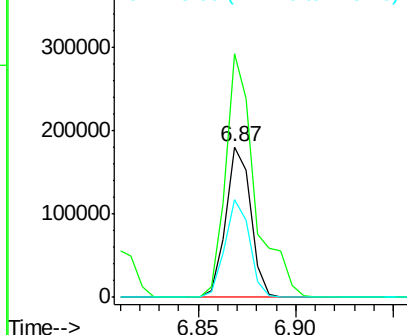
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion:152 Resp: 160212
Ion Ratio Lower Upper
152 100
150 161.6 124.6 186.8
115 64.9 50.1 75.1



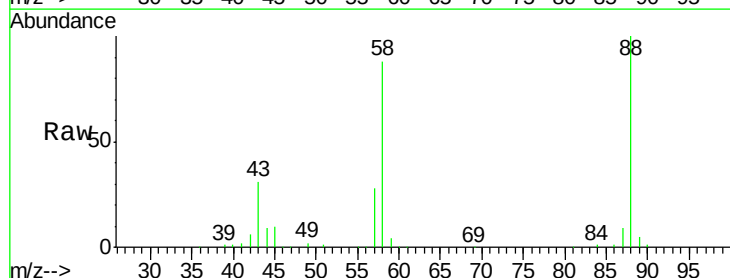
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



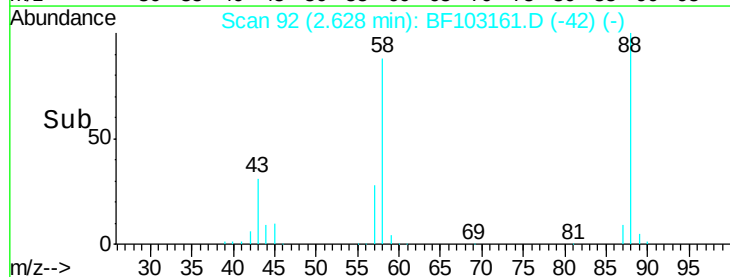
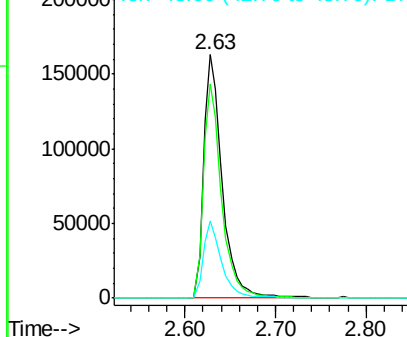
#2

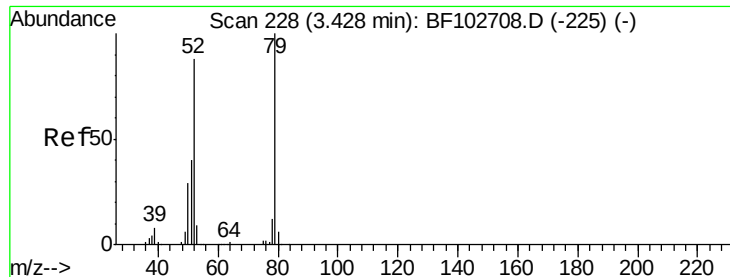
1,4-Dioxane
Concen: 41.890 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion: 88 Resp: 234370
Ion Ratio Lower Upper
88 100
58 86.6 62.6 93.8
43 30.8 24.6 37.0



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





#3

Pvridine

Concen: 41.889 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

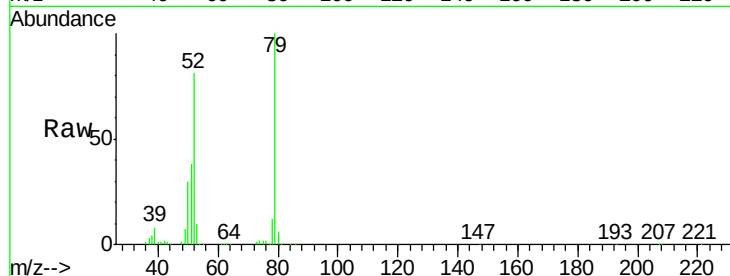
Tot Ion: 79 Resp: 625674

Ion Ratio Lower Upper

79 100

52 80.8 59.8 89.6

51 38.3 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

300000

200000

100000

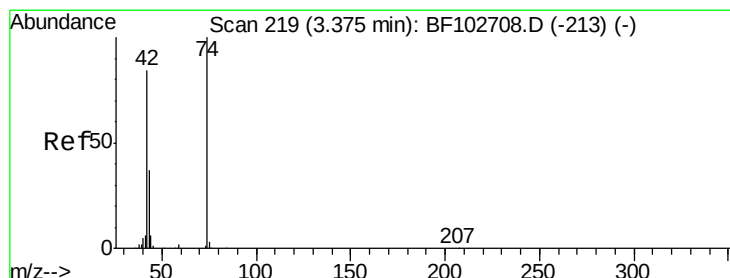
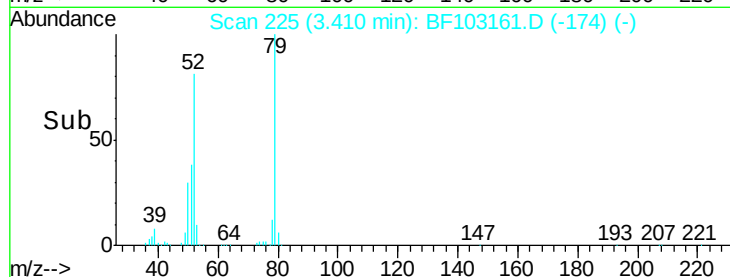
0

3.41

3.40

3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 42.481 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

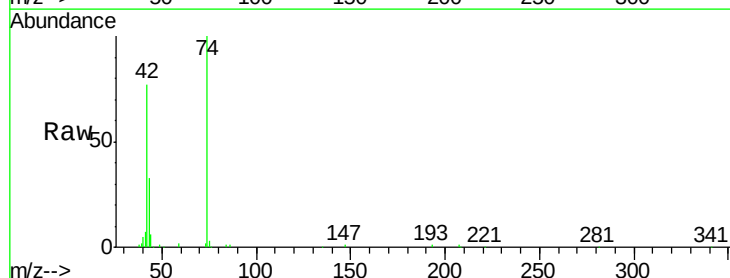
Tgt Ion: 42 Resp: 255901

Ion Ratio Lower Upper

42 100

74 129.2 104.9 157.3

44 7.6 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

200000

150000

100000

50000

0

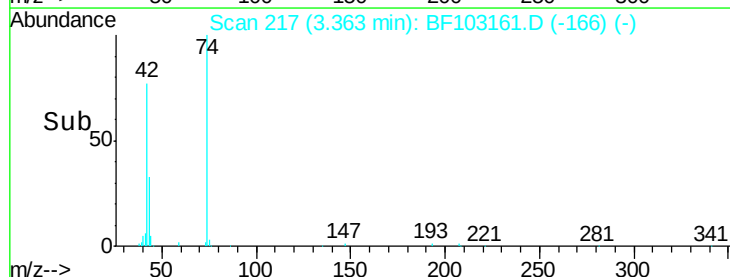
3.36

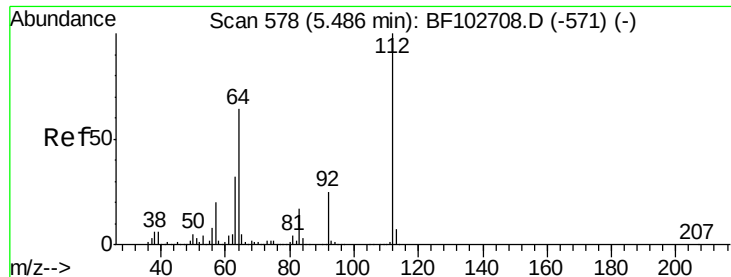
3.30

3.40

3.50

Time-->





#5

2-Fluorophenol

Concen: 80.125 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

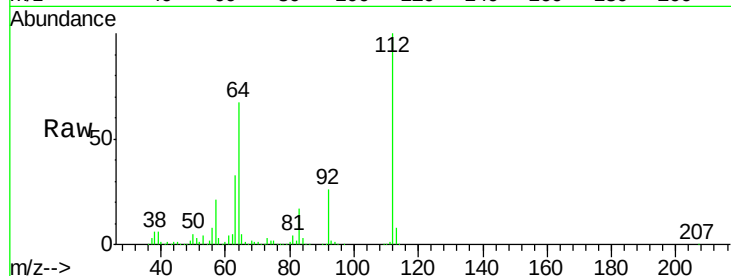
Tot Ion:112 Resp: 848769

Ion Ratio Lower Upper

112 100

64 67.0 47.9 71.9

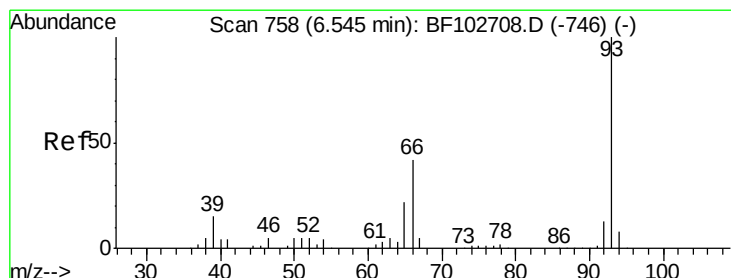
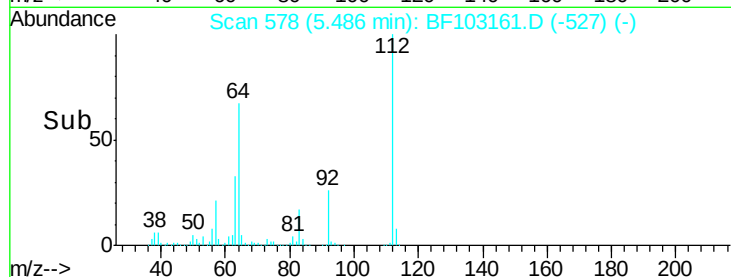
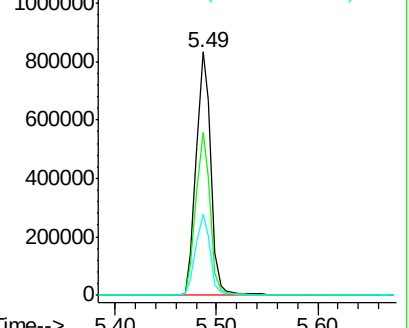
63 33.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.441 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

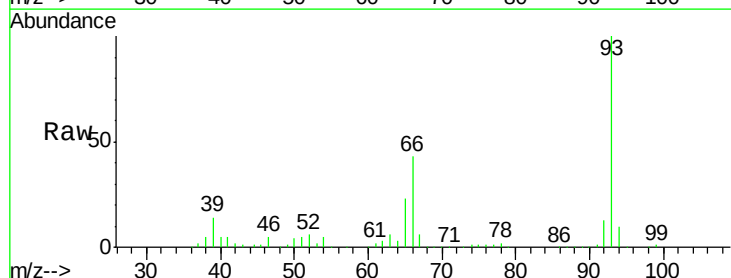
Tgt Ion: 93 Resp: 756540

Ion Ratio Lower Upper

93 100

66 43.3 32.2 48.2

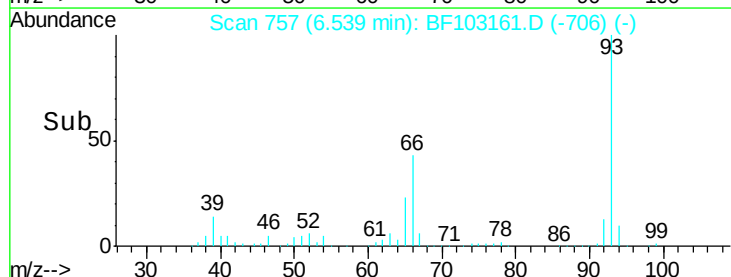
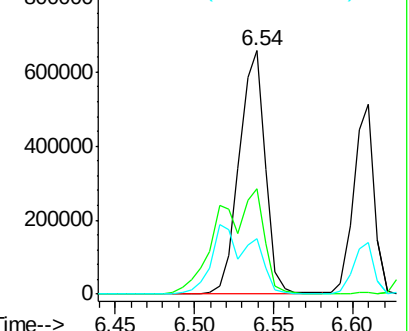
65 23.0 16.4 24.6

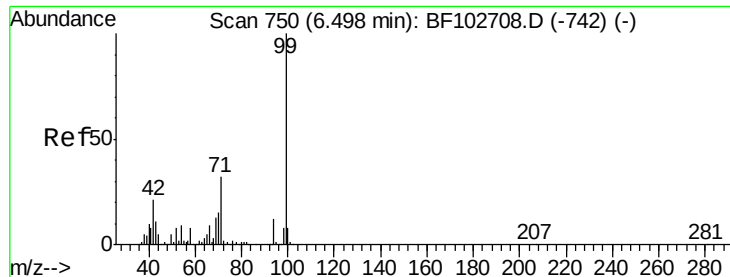


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.651 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

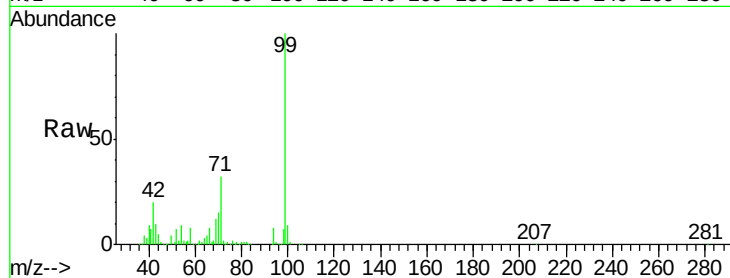
Tot Ion: 99 Resp: 1019485

Ion Ratio Lower Upper

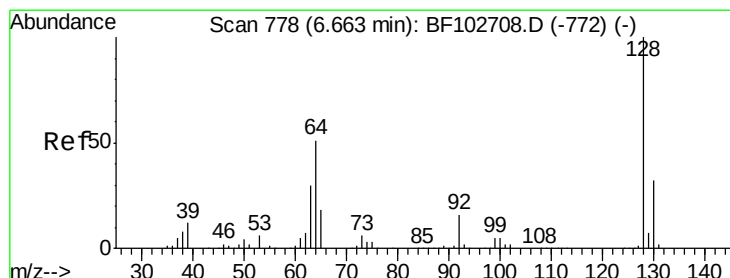
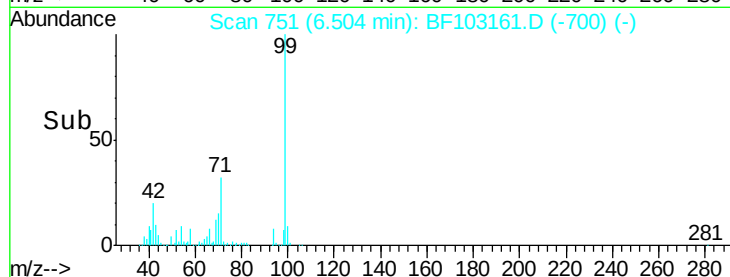
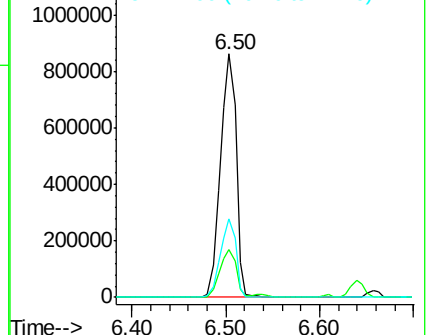
99 100

42 19.9 14.5 21.7

71 32.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.927 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

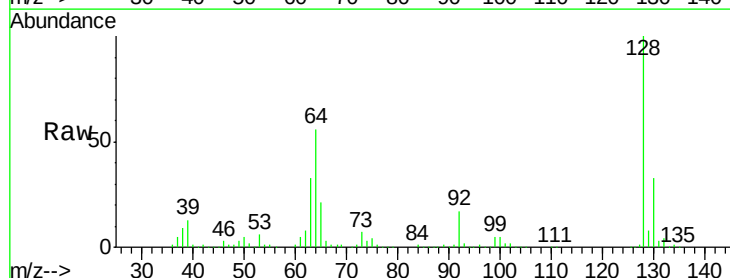
Tgt Ion: 128 Resp: 439368

Ion Ratio Lower Upper

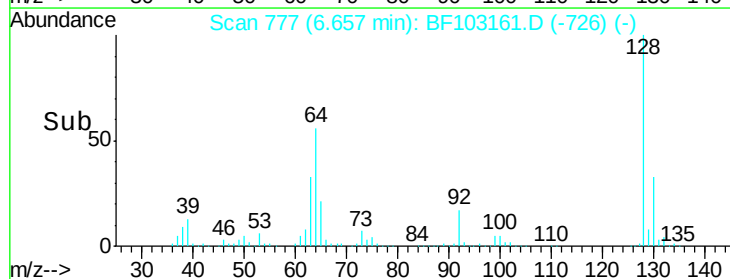
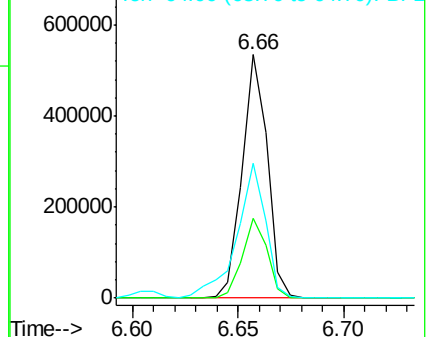
128 100

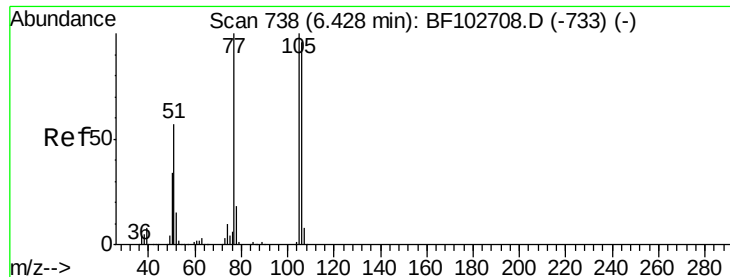
130 32.9 13.0 53.0

64 55.5 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: 39.626 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

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ICVBF022218

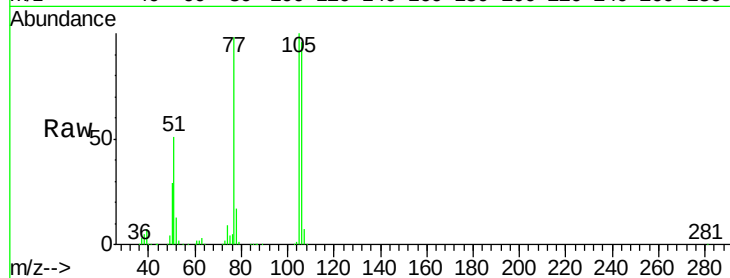
Tot Ion: 77 Resp: 313062

Ion Ratio Lower Upper

77 100

105 102.2 81.1 121.1

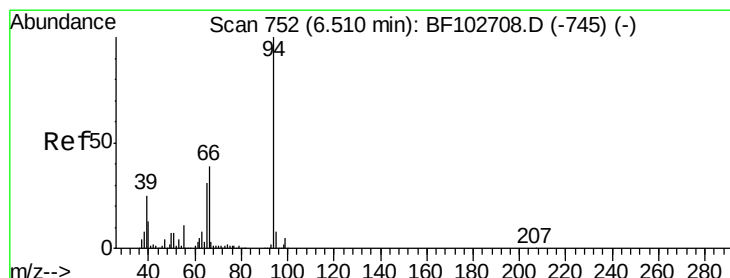
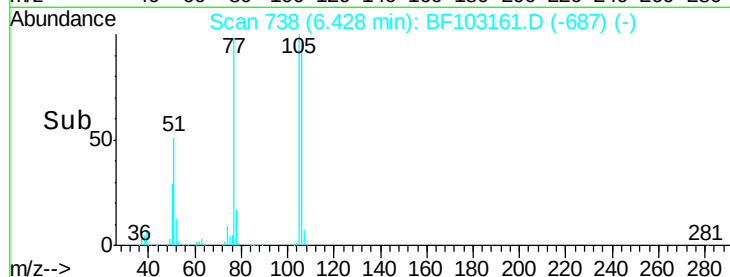
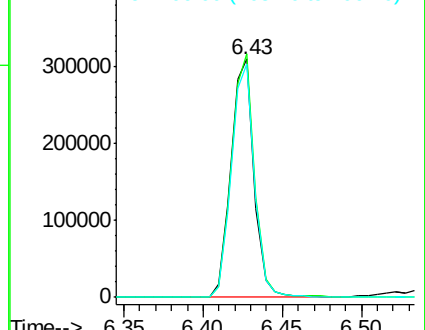
106 97.9 74.5 114.5



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: 40.810 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

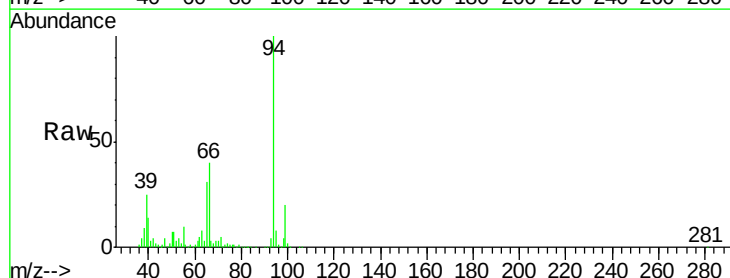
Tgt Ion: 94 Resp: 614091

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

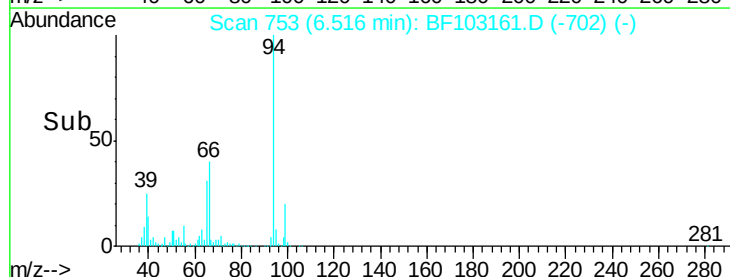
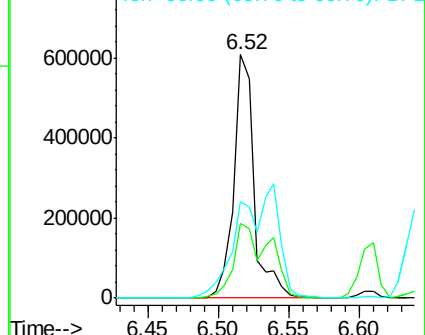
66 39.7 16.2 56.2

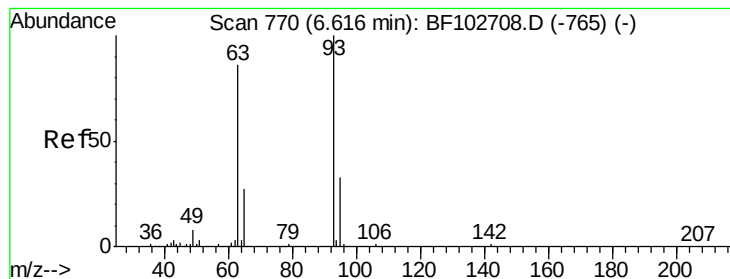


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.824 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

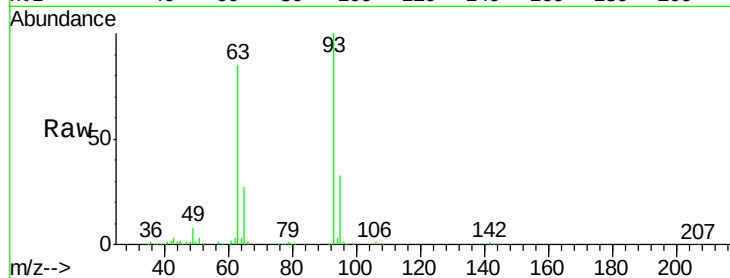
Tot Ion: 93 Resp: 466242

Ion Ratio Lower Upper

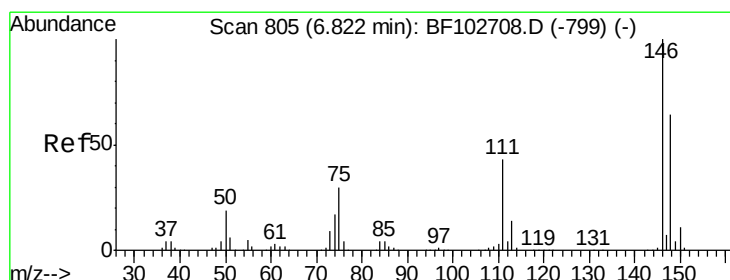
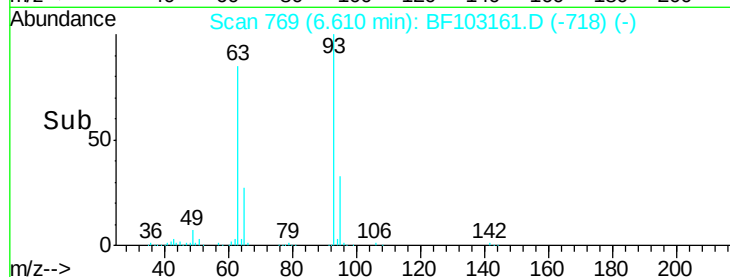
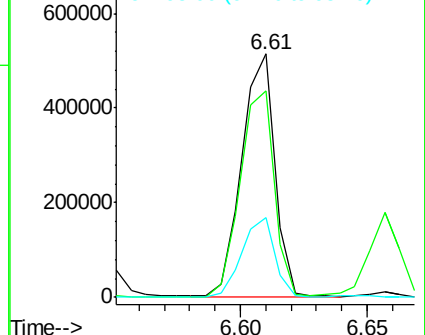
93 100

63 85.0 58.6 98.6

95 32.8 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: 40.341 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

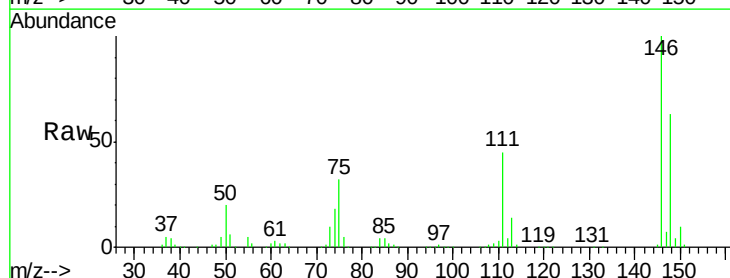
Tgt Ion: 146 Resp: 507306

Ion Ratio Lower Upper

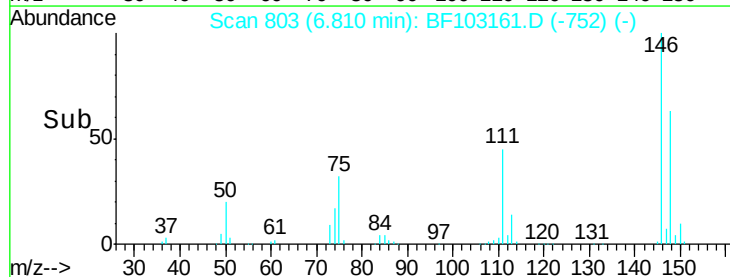
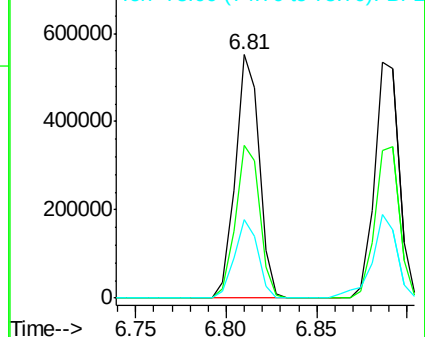
146 100

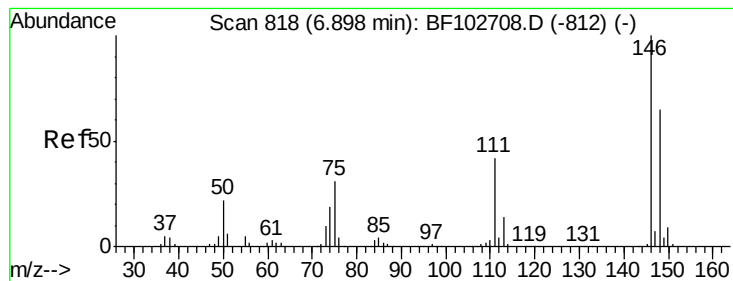
148 62.7 51.8 77.8

75 32.2 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: 40.066 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

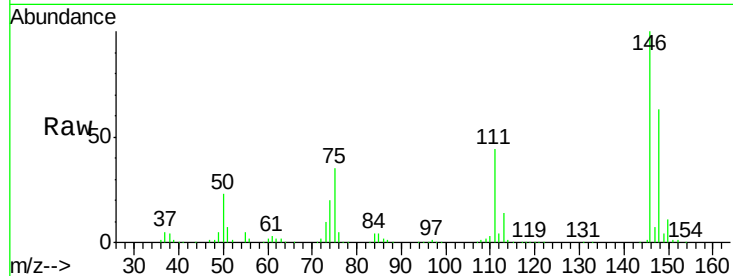
Tot Ion:146 Resp: 505154

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

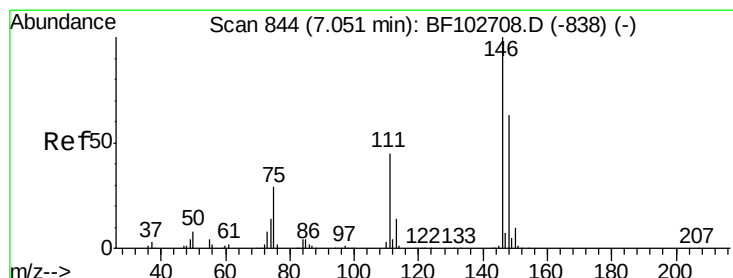
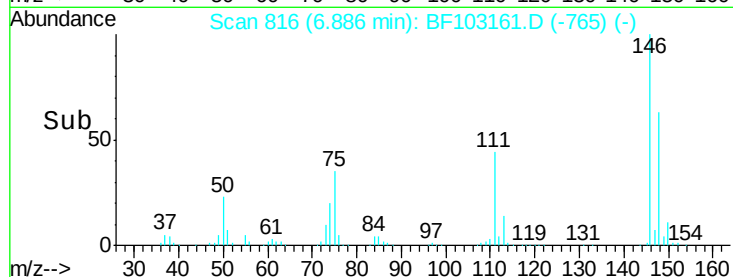
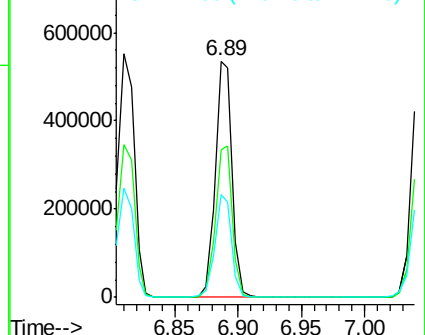
111 43.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.520 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

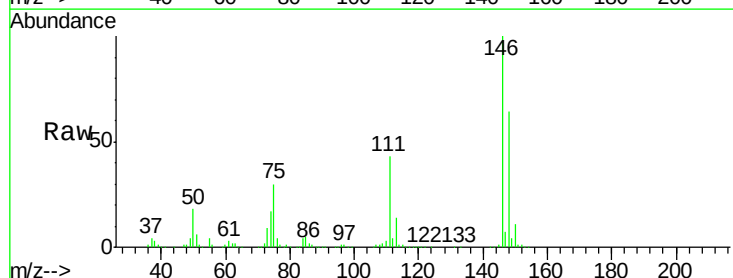
Tgt Ion:146 Resp: 459445

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

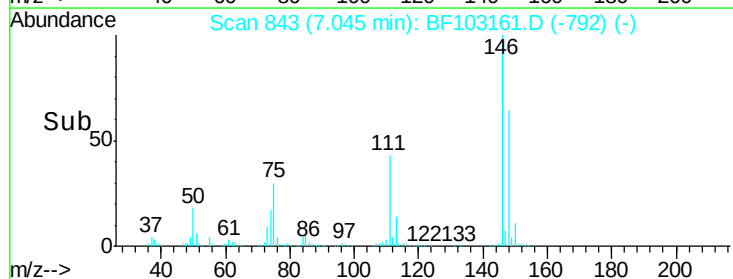
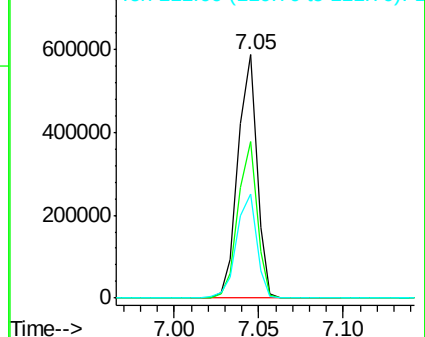
111 42.6 36.0 54.0

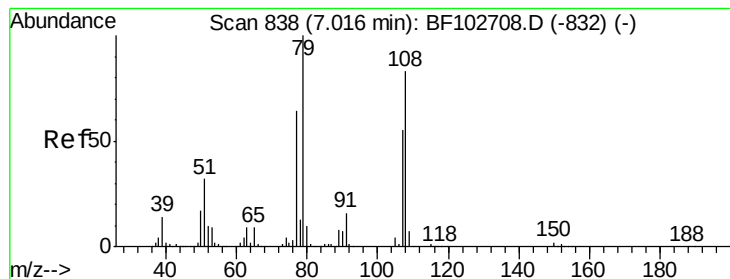


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.289 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

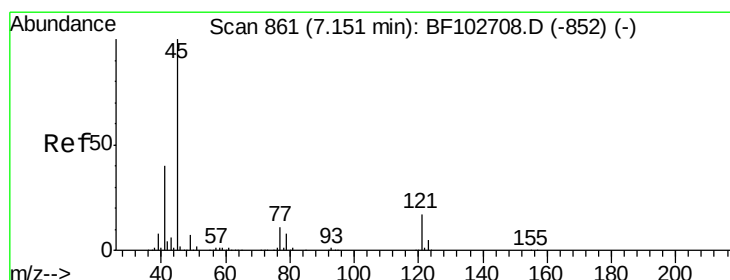
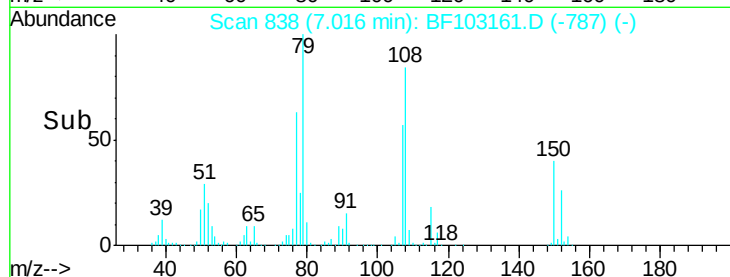
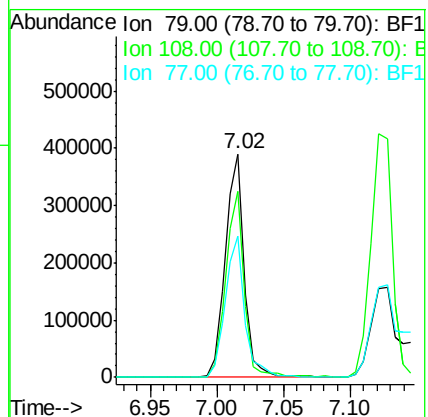
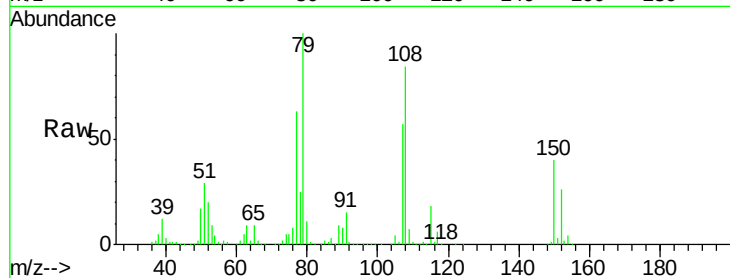
Tot Ion: 79 Resp: 393525

Ion Ratio Lower Upper

79 100

108 83.5 65.1 97.7

77 63.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.107 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

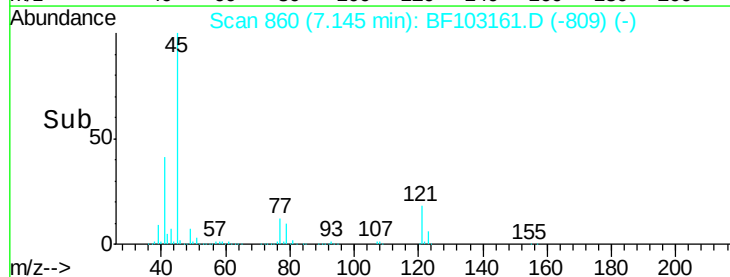
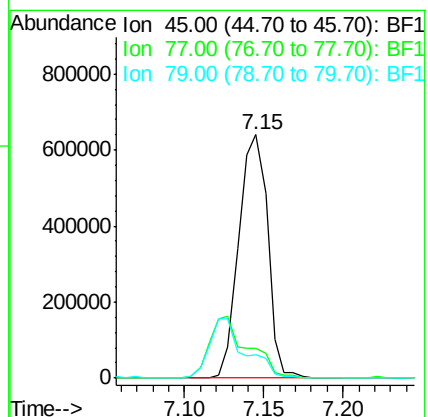
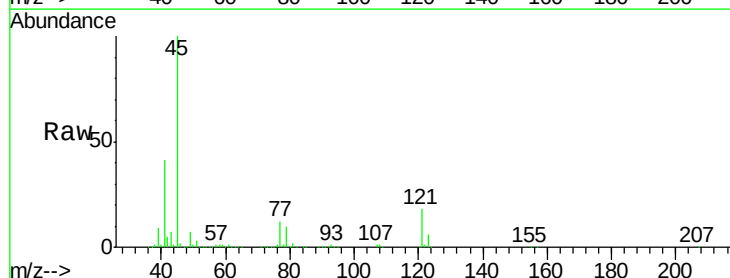
Tgt Ion: 45 Resp: 806184

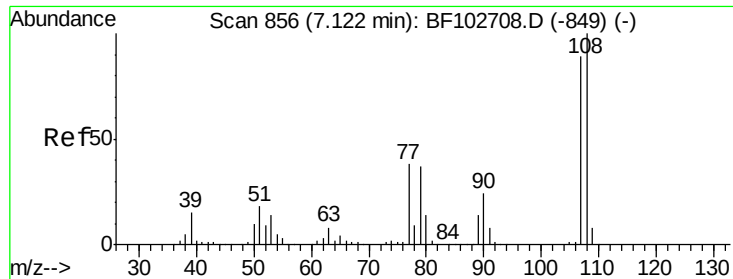
Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.9

79 9.6 0.0 29.6

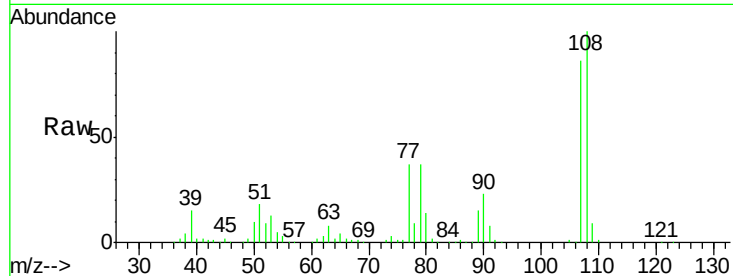




#17
2-Methylphenol
Concen: 39.820 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.8	91.7	137.5
77	43.2	33.8	50.8
79	42.8	33.8	50.8



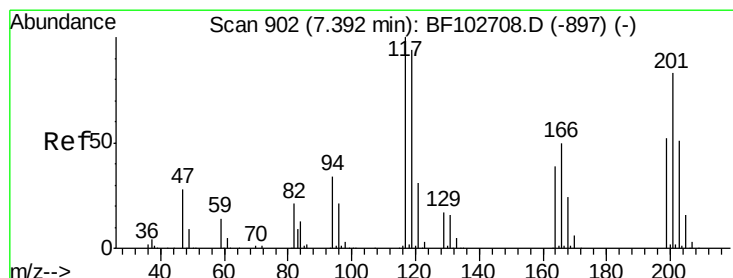
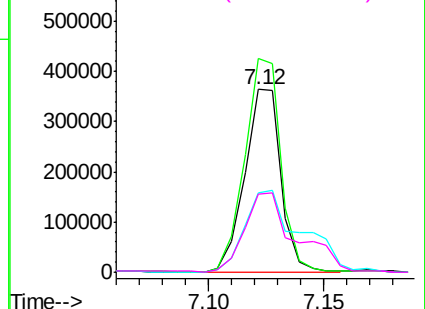
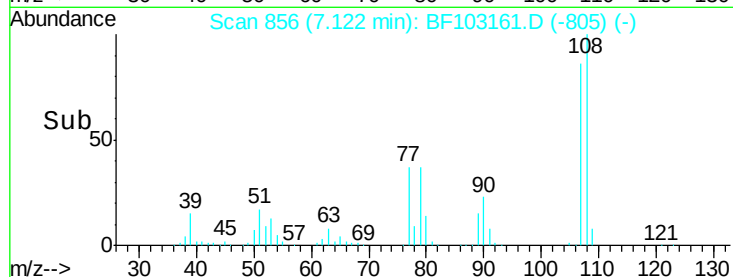
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

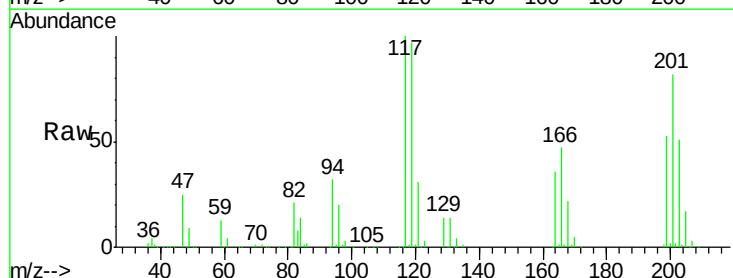
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.577 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	82.3	75.7	113.5

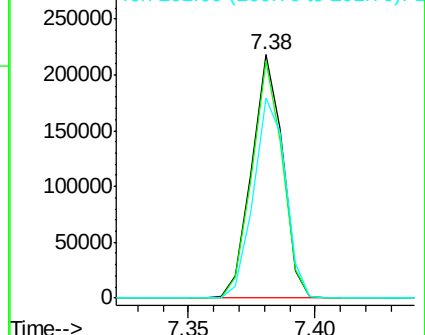
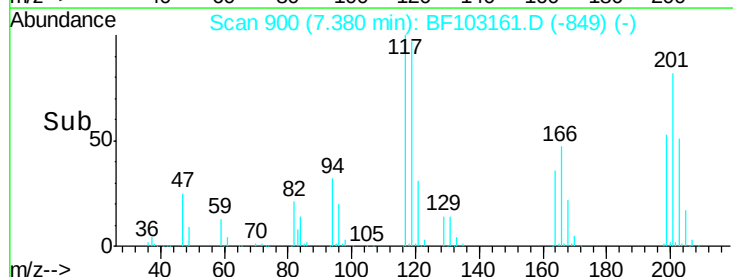


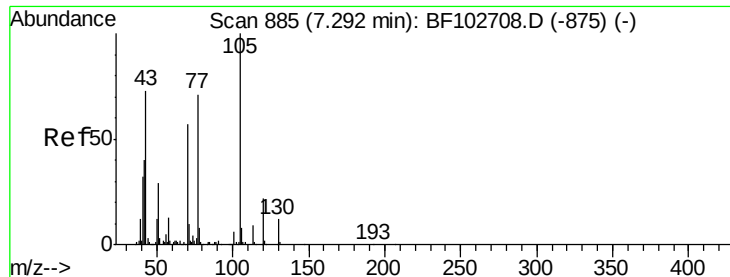
Abundance

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

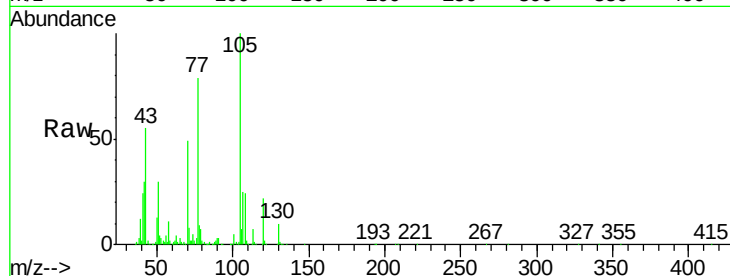




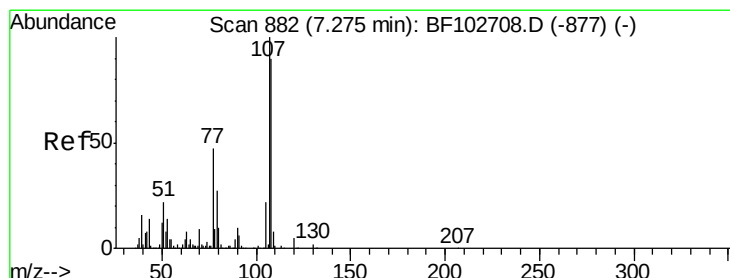
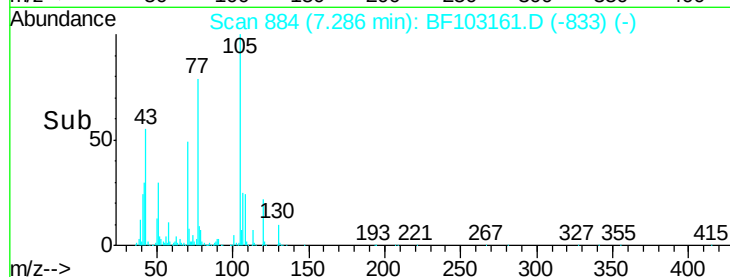
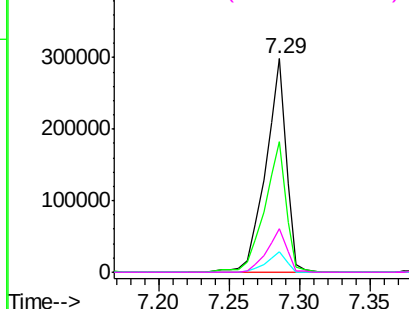
#19
n-Nitroso-di-n-propylamine
Concen: 38.298 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion: 70 Resp: 308958
Ion Ratio Lower Upper
70 100
42 60.9 47.5 71.3
101 9.7 7.4 11.2
130 20.3 16.6 25.0



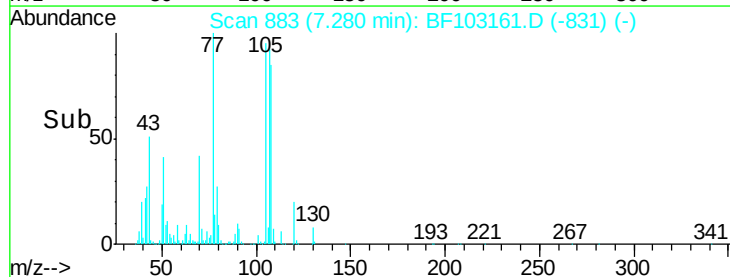
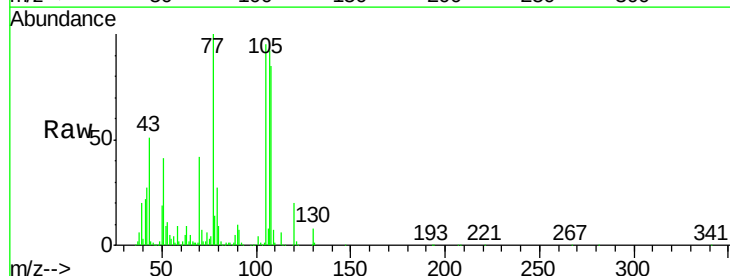
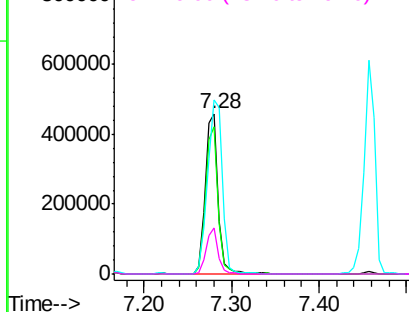
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

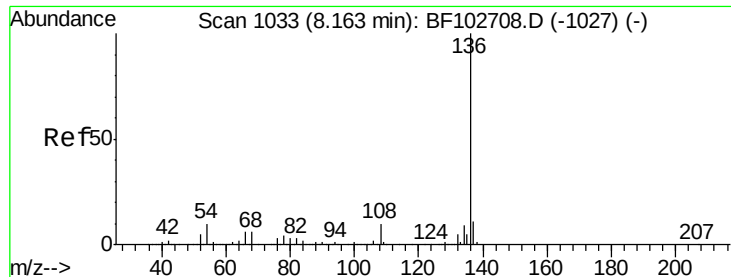


#20
3+4-Methylphenols
Concen: 38.103 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion:107 Resp: 464493
Ion Ratio Lower Upper
107 100
108 91.7 68.2 108.2
77 108.3 26.7 66.7#
79 28.8 6.3 46.3

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

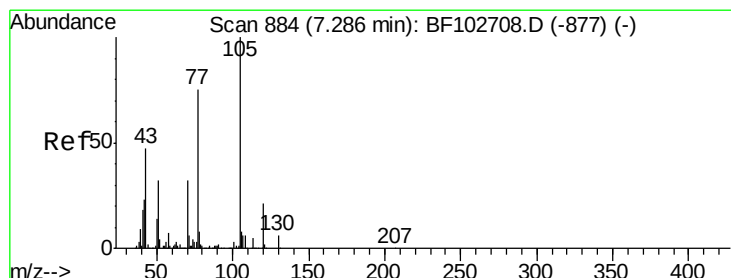
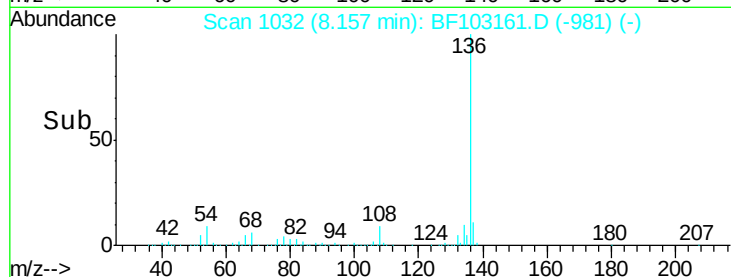
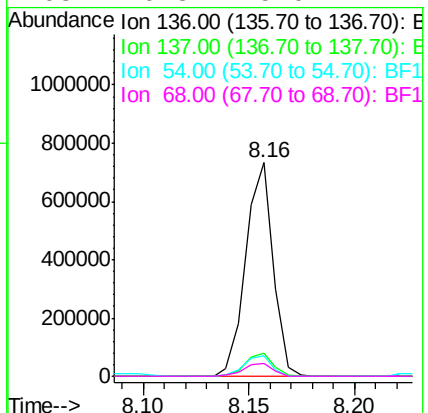
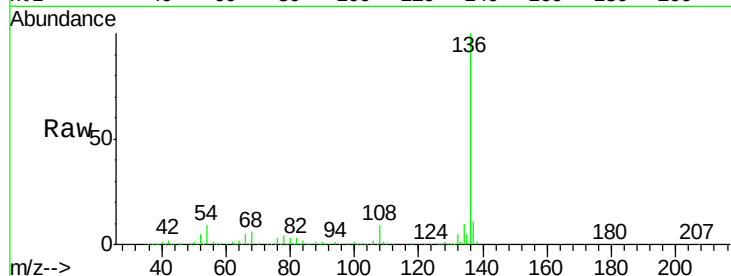




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

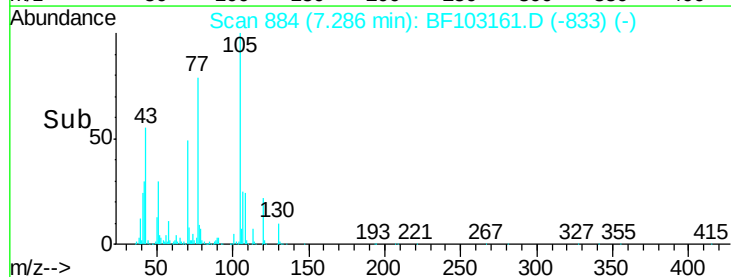
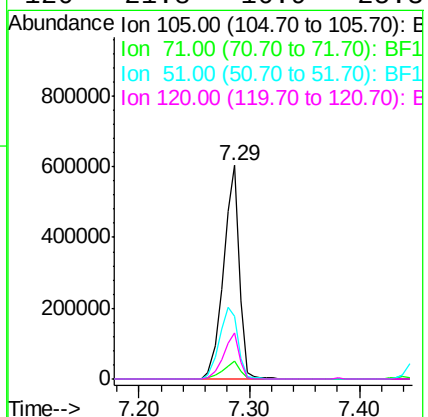
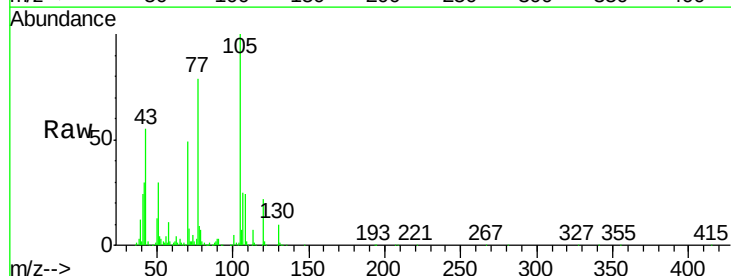
Instrument :
BNA_F
ClientSampleId :
ICVBF022218

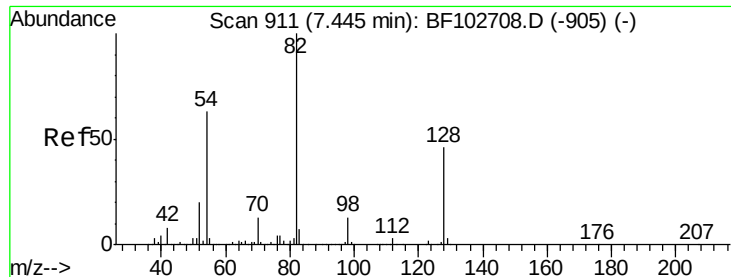
Tot Ion:136	Resp:	657949	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 9.5	6.6	9.8	
68 6.3	5.0	7.4	



#22
Acetophenone
Concen: 39.321 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt	Ion:105	Resp:	603879
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	29.6	22.3	33.5
120	21.8	16.9	25.3





#23

Nitrobenzene-d5

Concen: 82.353 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

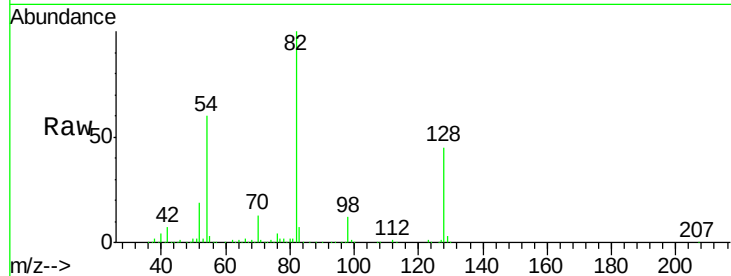
Tot Ion: 82 Resp: 948791

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

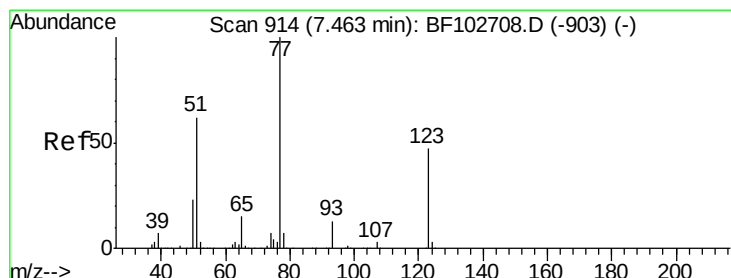
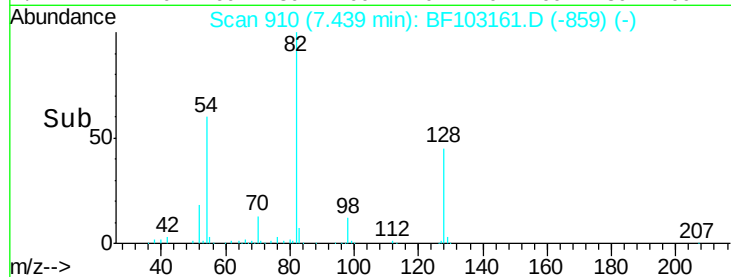
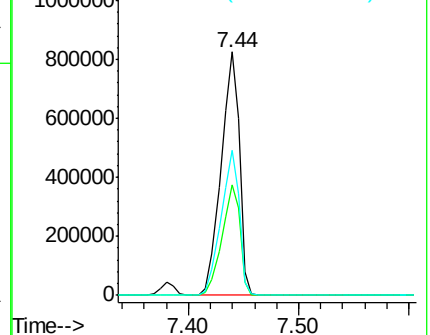
54 59.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.552 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

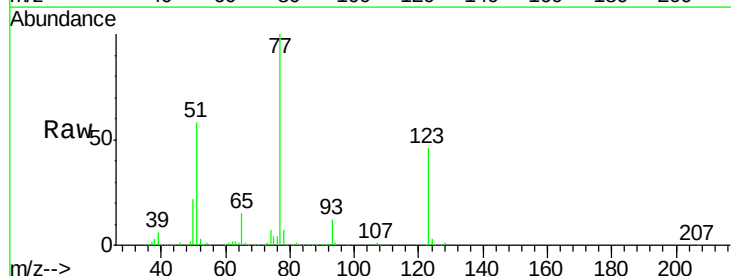
Tgt Ion: 77 Resp: 527079

Ion Ratio Lower Upper

77 100

123 45.8 37.9 56.9

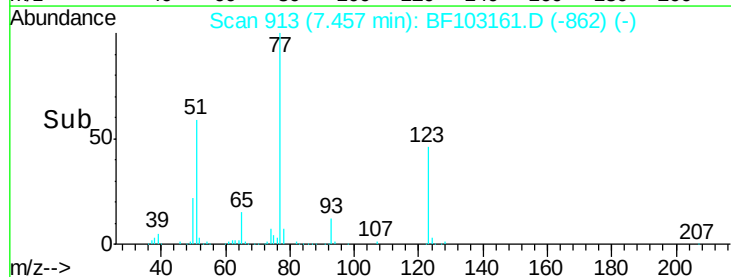
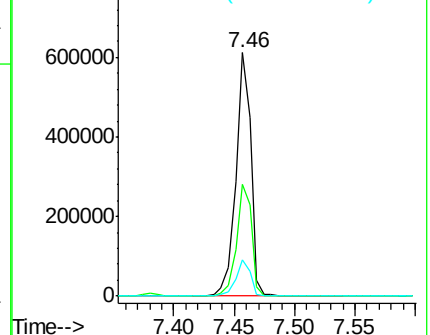
65 14.8 11.0 16.4

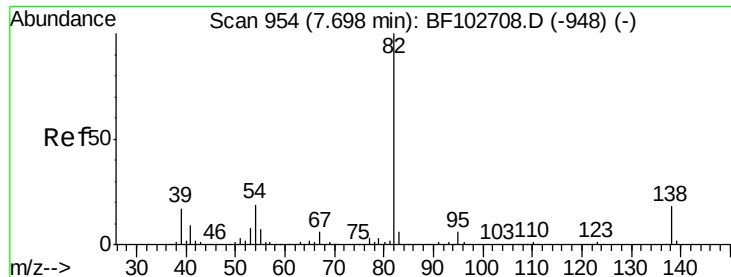


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.128 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

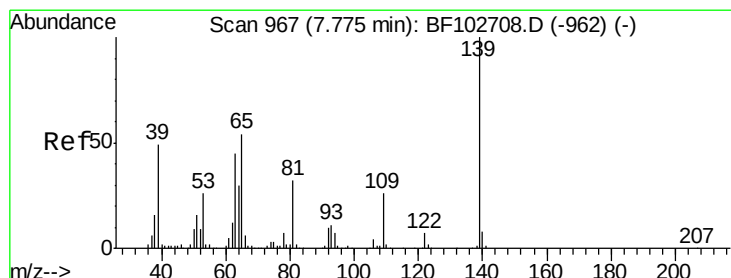
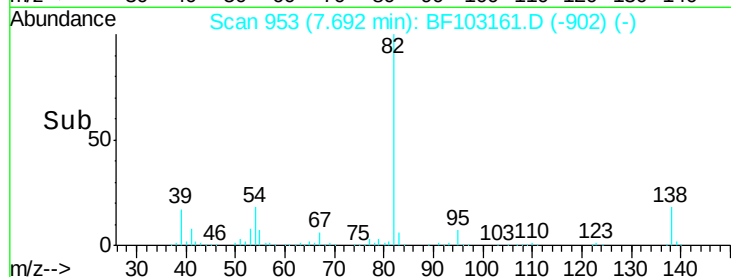
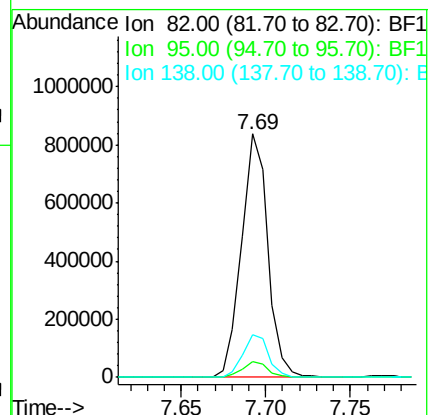
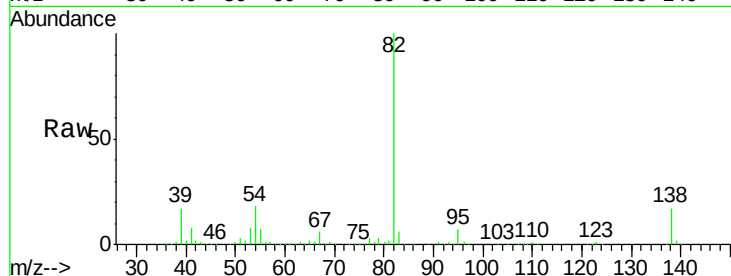
Tot Ion: 82 Resp: 910531

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 43.767 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

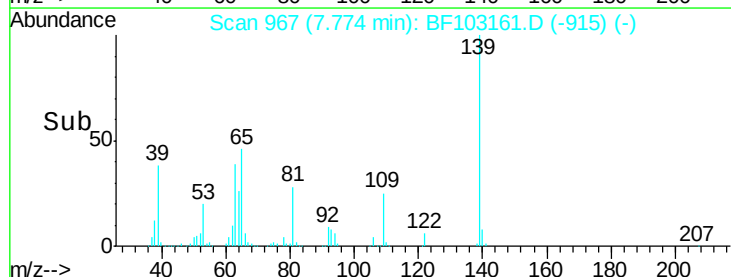
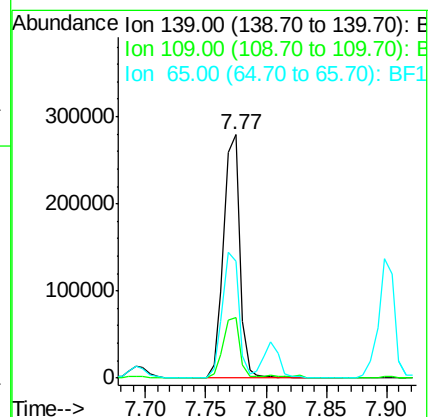
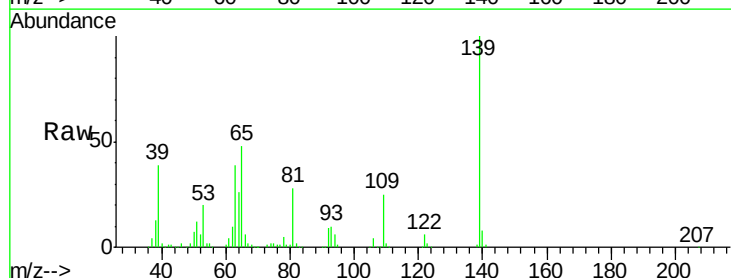
Tgt Ion: 139 Resp: 261351

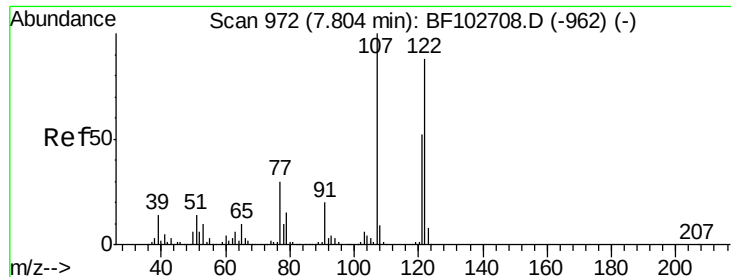
Ion Ratio Lower Upper

139 100

109 24.9 22.7 34.1

65 47.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.801 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

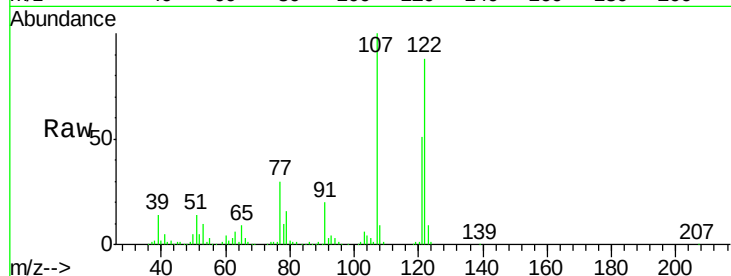
Tot Ion:122 Resp: 363291

Ion Ratio Lower Upper

122 100

107 113.8 91.2 136.8

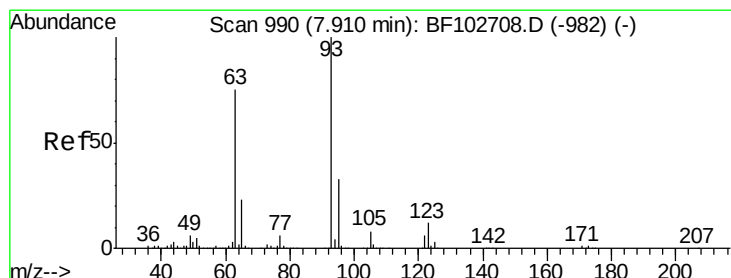
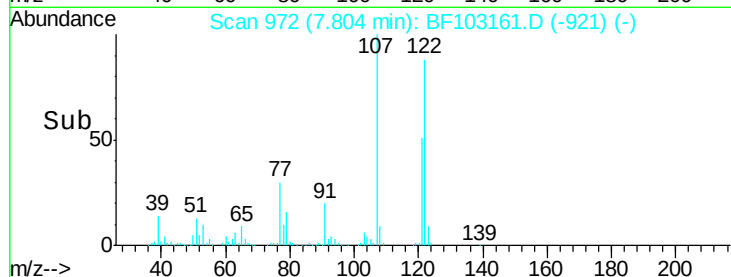
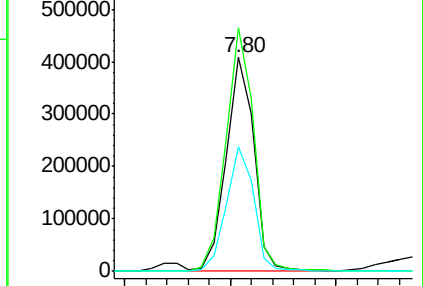
121 58.1 47.2 70.8



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: 40.805 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

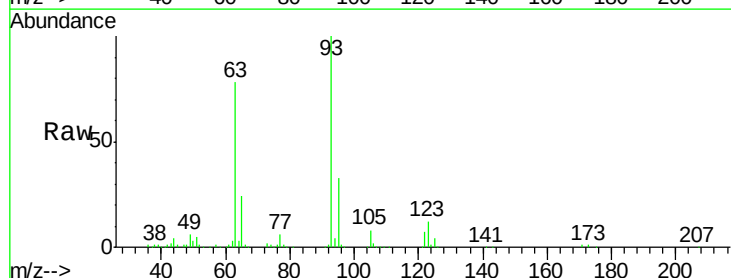
Tgt Ion: 93 Resp: 544377

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

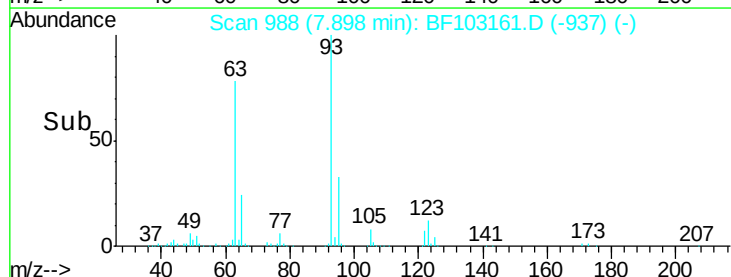
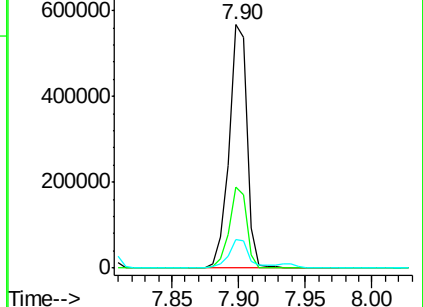
123 11.5 9.8 14.6

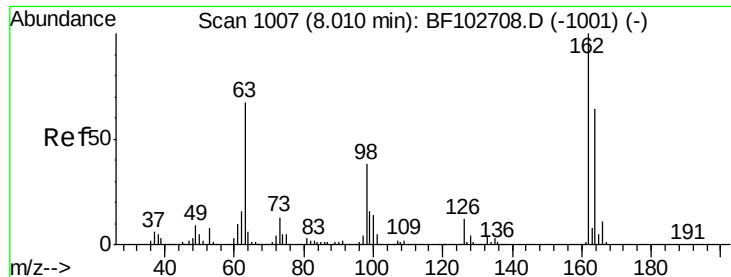


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

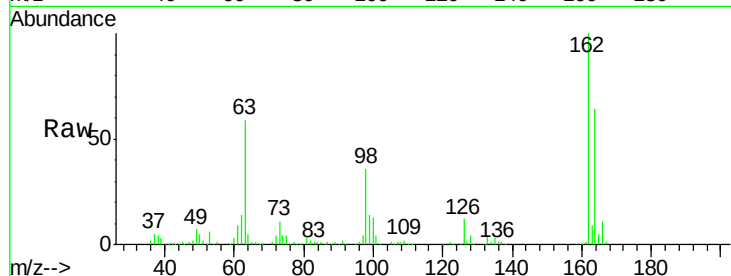




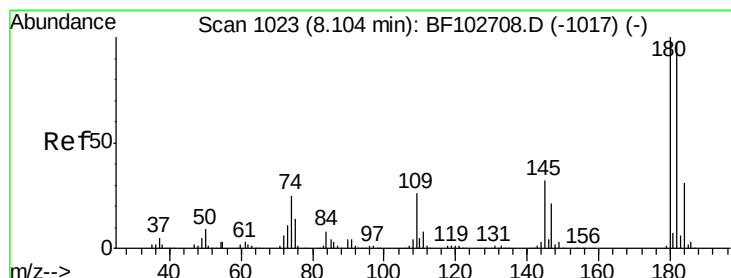
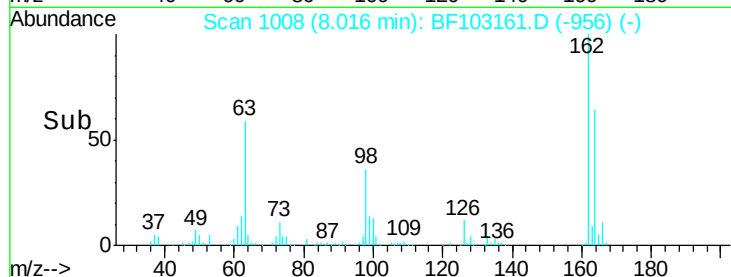
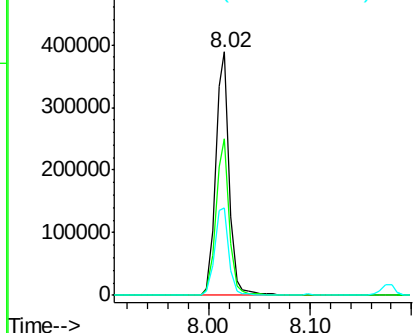
#29
2,4-Dichlorophenol
Concen: 41.151 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	35.9	18.1	58.1

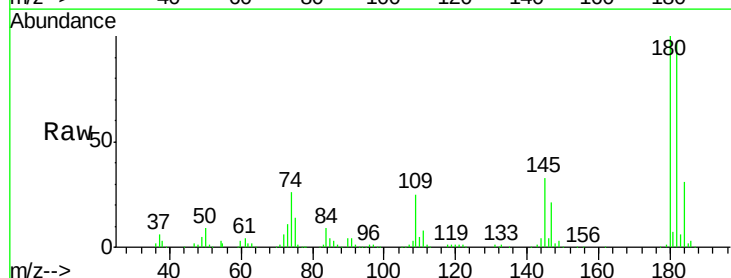


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

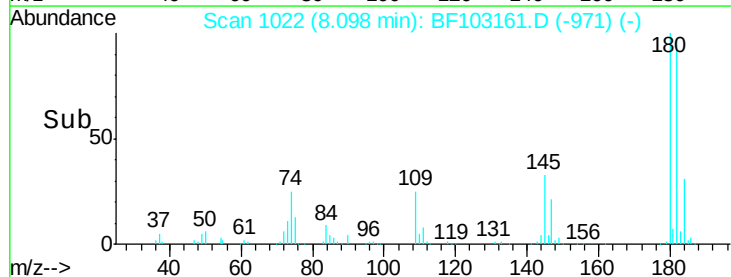
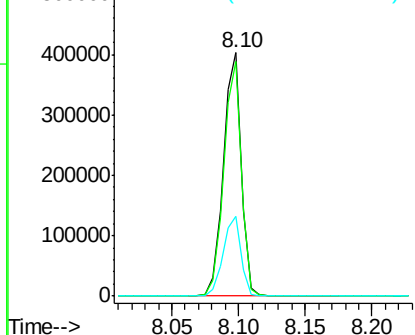


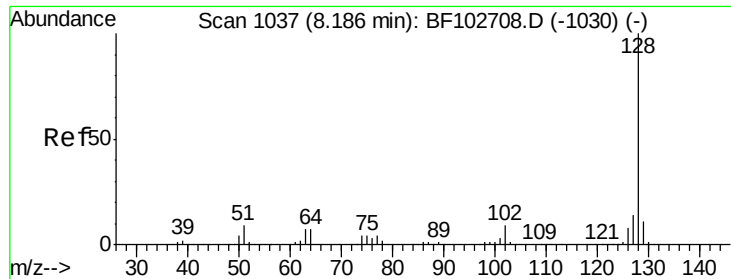
#30
1,2,4-Trichlorobenzene
Concen: 40.872 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.8	115.2
145	32.5	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: 40.165 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

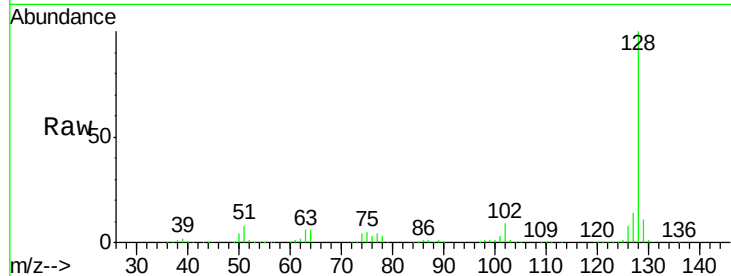
Tot Ion:128 Resp: 1293785

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

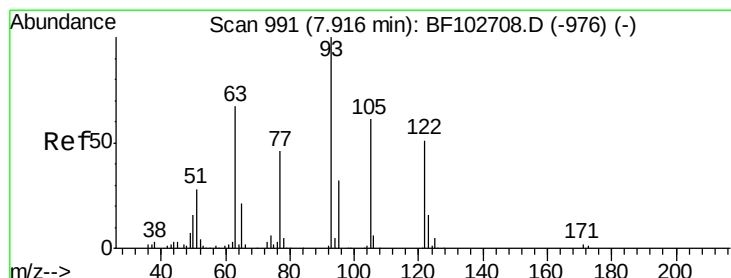
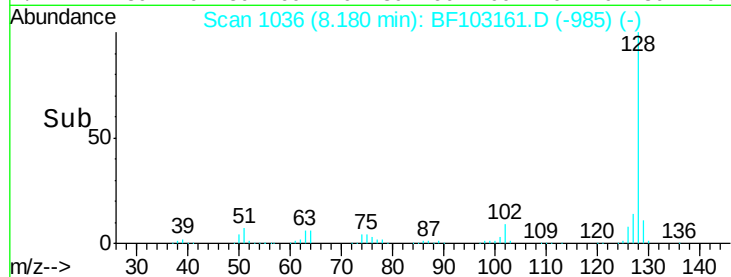
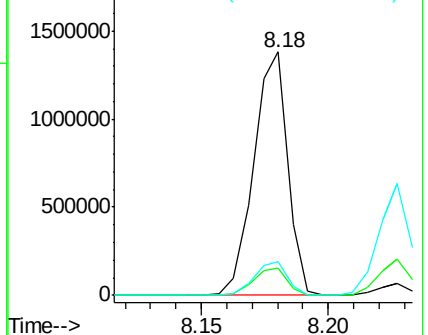
127 13.6 10.9 16.3



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: 38.146 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

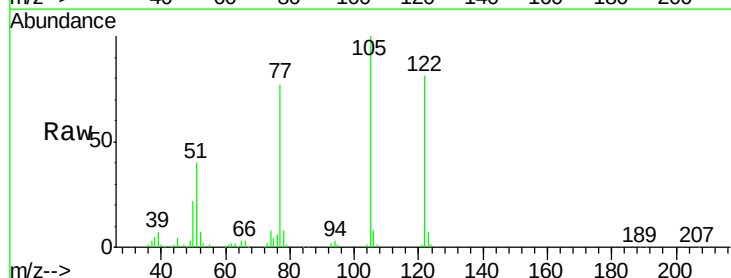
Tgt Ion:122 Resp: 247086

Ion Ratio Lower Upper

122 100

105 123.0 101.1 141.1

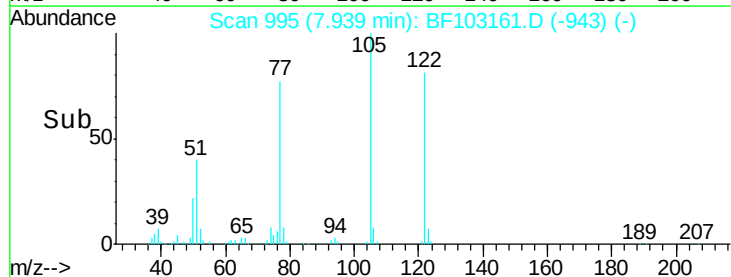
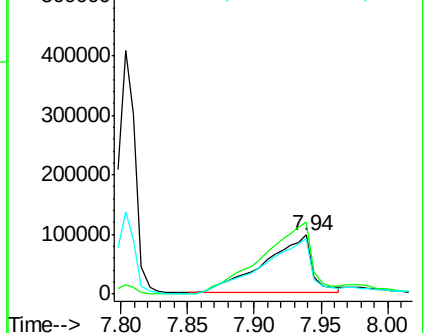
77 94.8 70.7 110.7

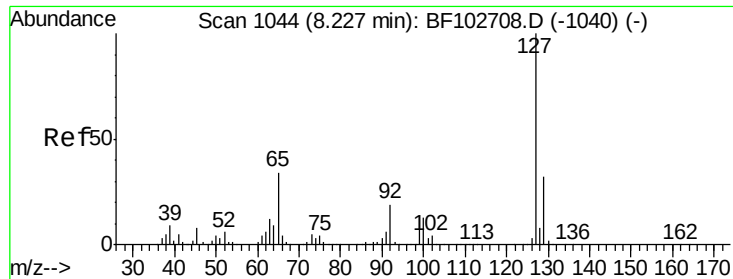


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

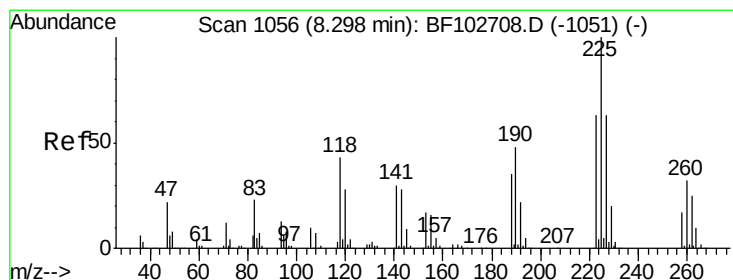
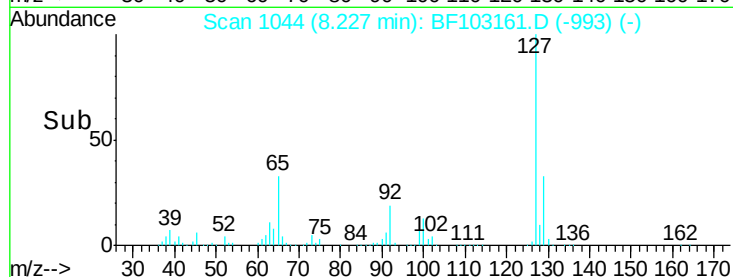
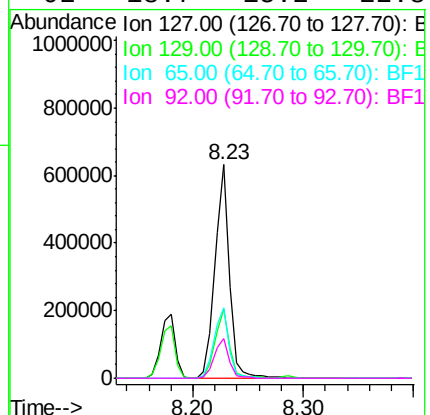
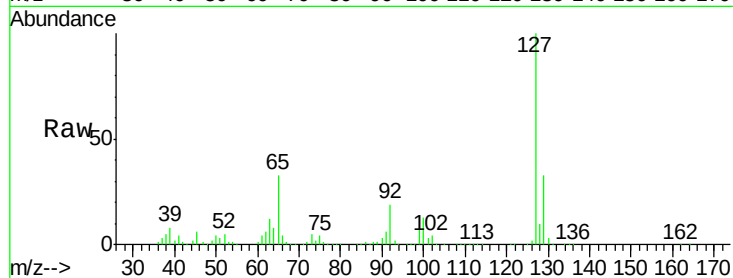




#33
4-Chloroaniline
Concen: 40.284 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

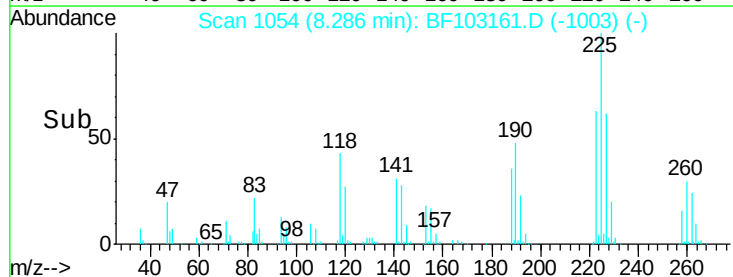
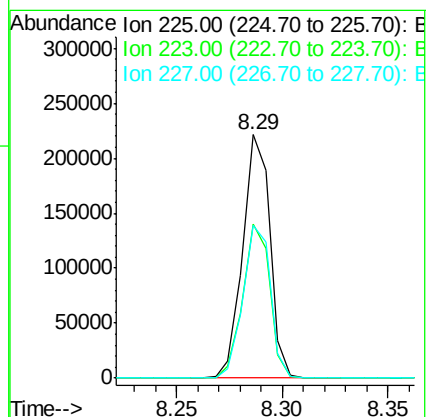
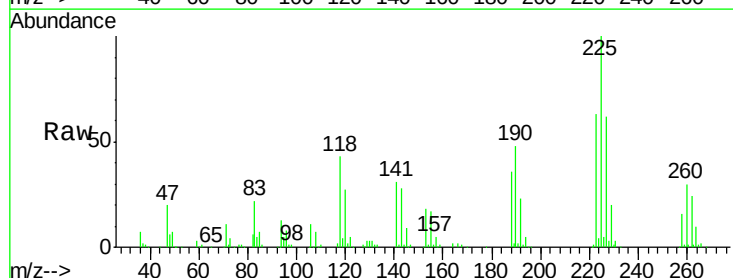
Instrument :
BNA_F
ClientSampleId :
ICVBF022218

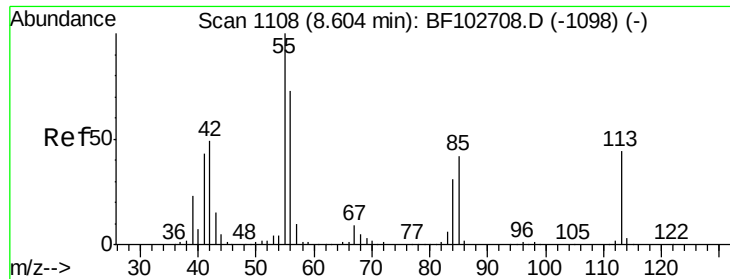
Tot Ion:	127	Resp:	559955
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	33.1	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.688 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion:	225	Resp:	197171
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.5	51.9	77.9

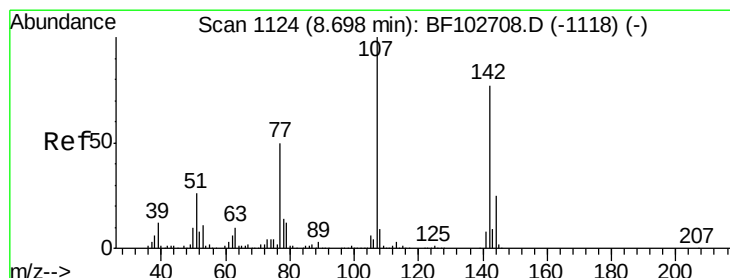
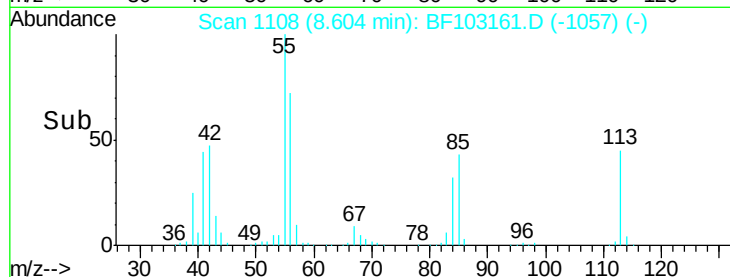
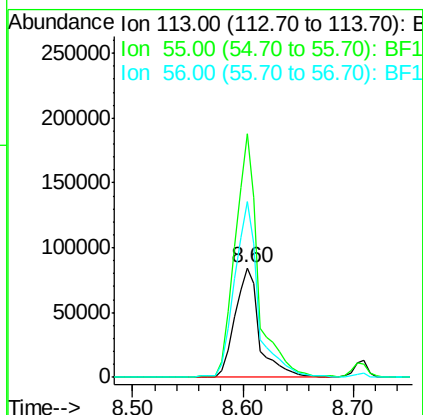
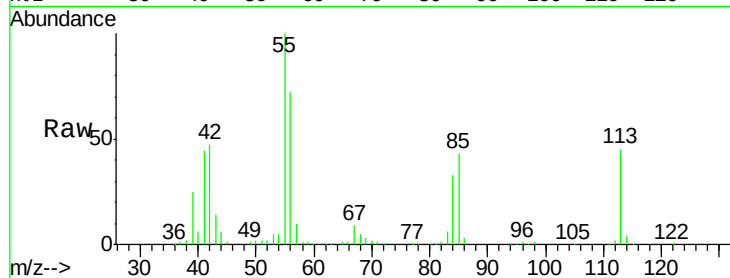




#35
 Caprolactam
 Concen: 42.874 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

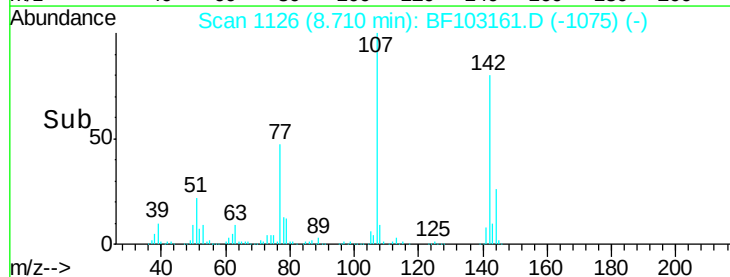
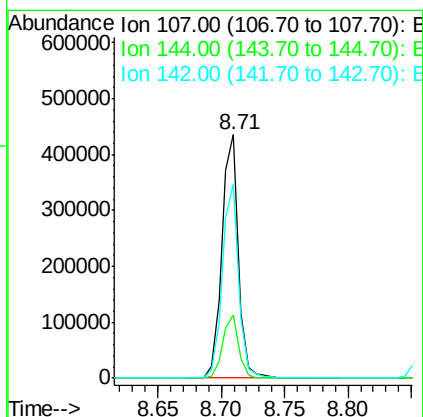
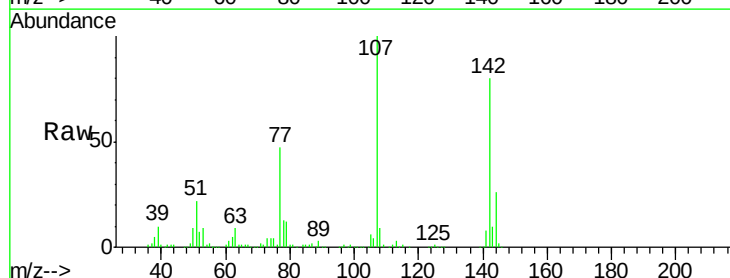
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

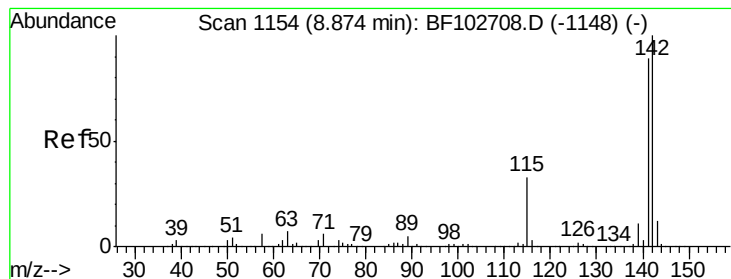
Tot Ion:113 Resp: 131680
 Ion Ratio Lower Upper
 113 100
 55 222.8 163.3 203.3#
 56 161.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.359 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion:107 Resp: 397805
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 79.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 40.240 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

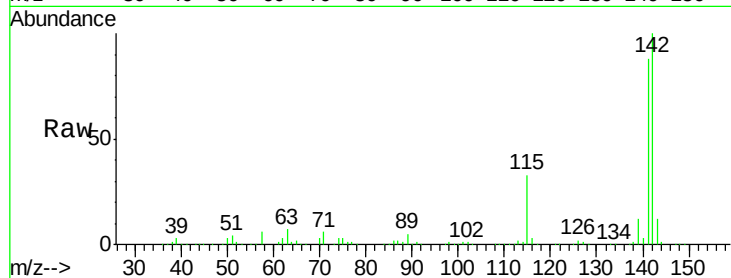
Tot Ion:142 Resp: 837715

Ion Ratio Lower Upper

142 100

141 87.6 70.8 106.2

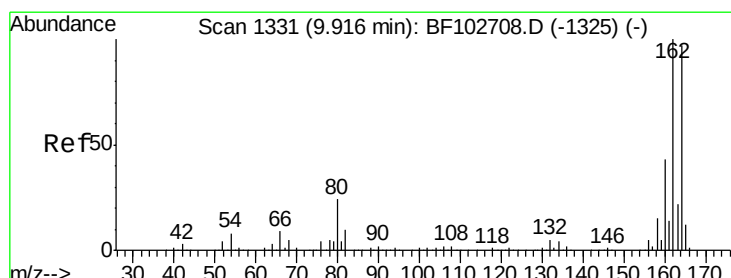
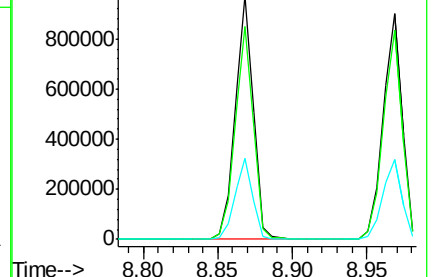
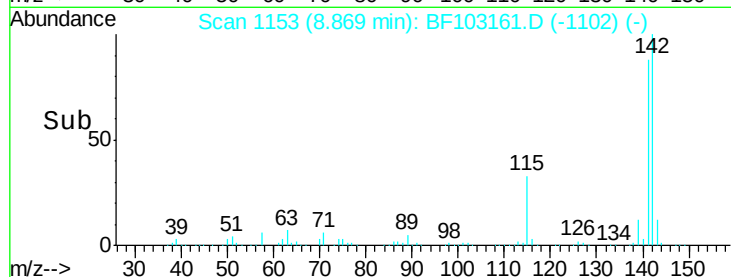
115 33.3 26.1 39.1



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: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

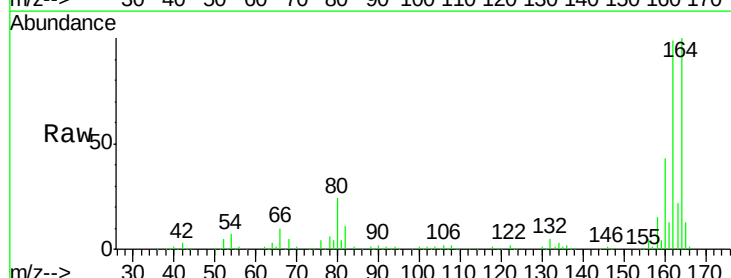
Tgt Ion:164 Resp: 296195

Ion Ratio Lower Upper

164 100

162 99.2 86.1 129.1

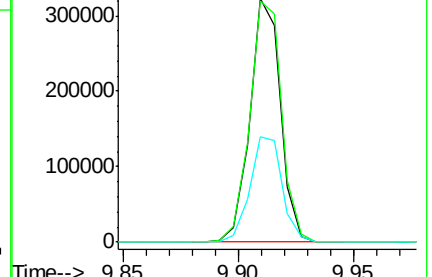
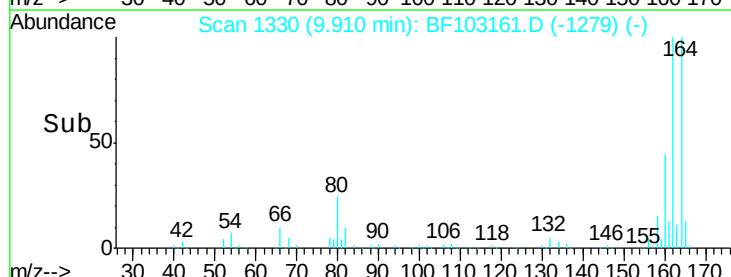
160 43.2 38.3 57.5

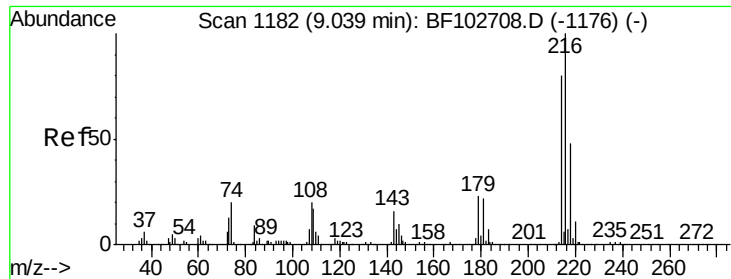


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

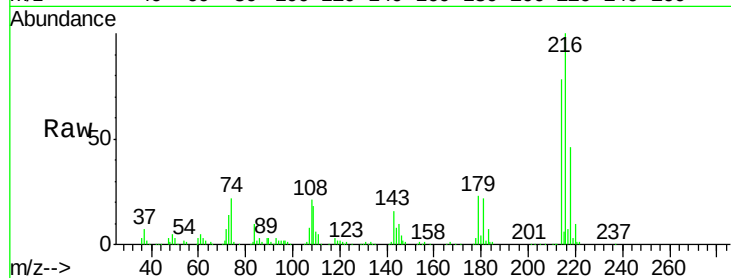




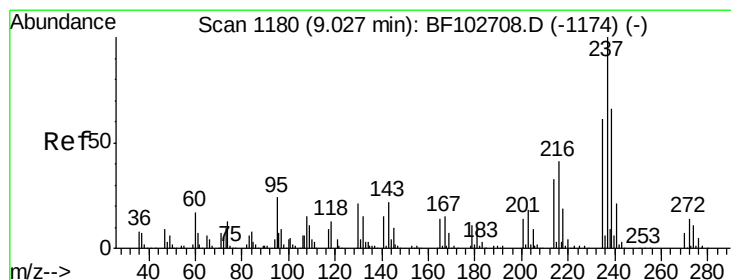
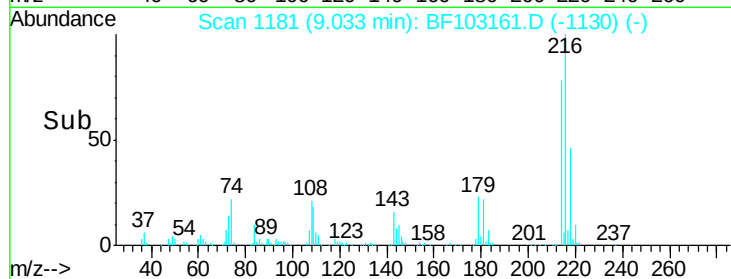
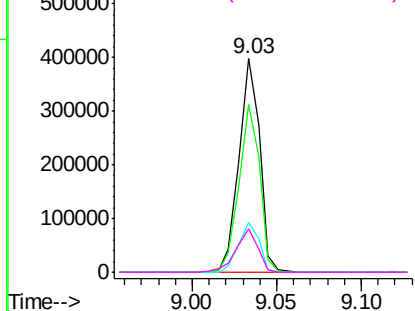
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.859 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Tot Ion:216	Resp:	338946	
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.0	94.4
179	23.2	18.1	27.1
108	21.9	17.2	25.8

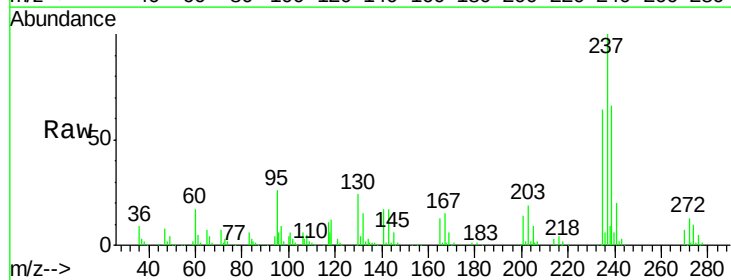


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

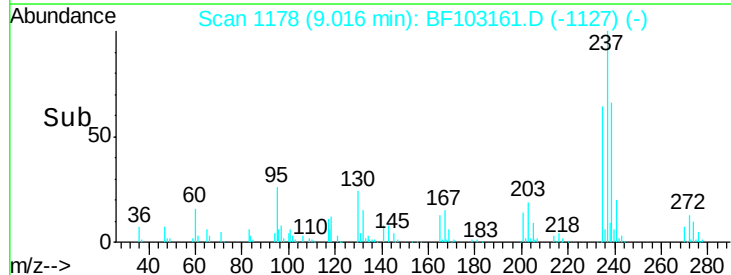
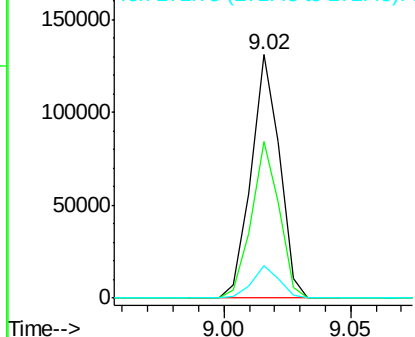


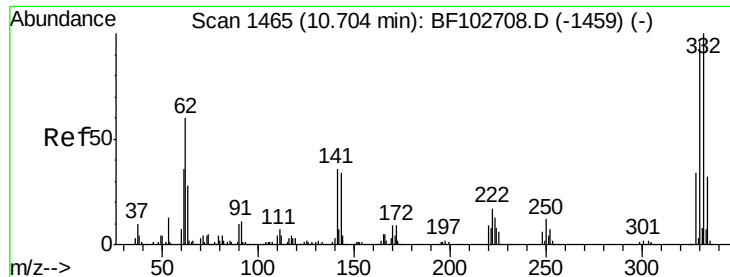
#40
 Hexachlorocyclopentadiene
 Concen: 40.785 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion	237	Resp:	102430
	Ratio	Lower	Upper
237	100		
235	64.1	44.8	84.8
272	13.3	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

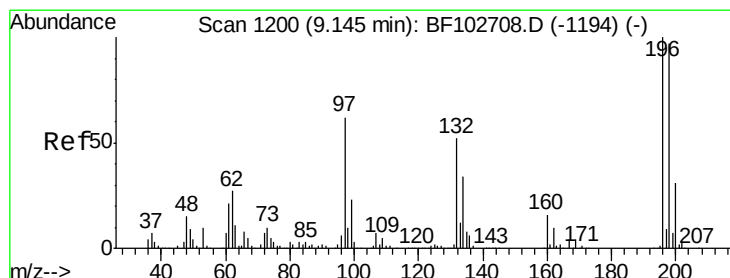
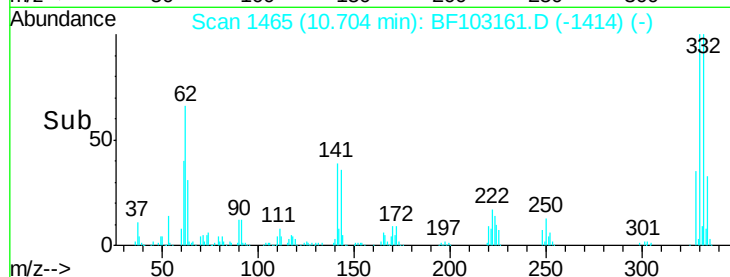
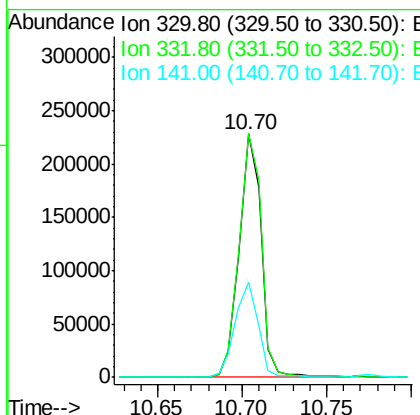
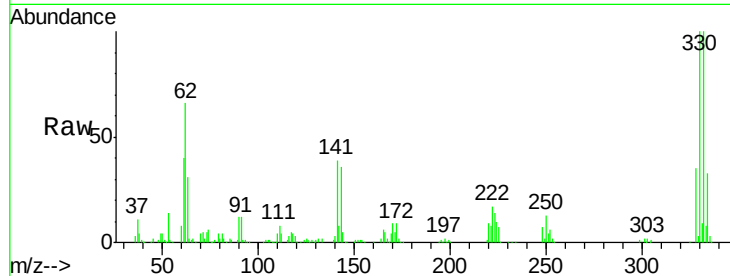




#41
 2,4,6-Tribromophenol
 Concen: 82.720 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

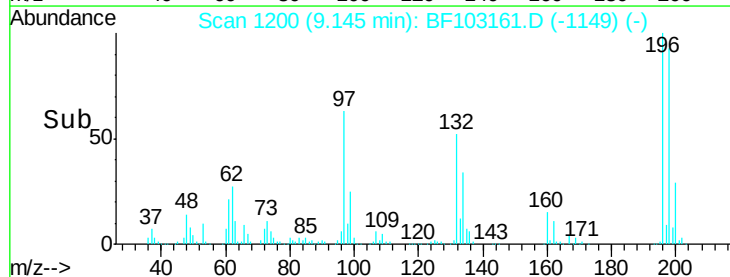
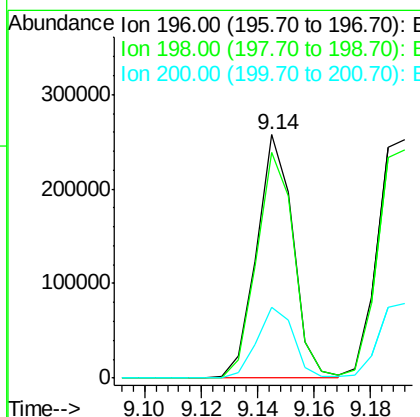
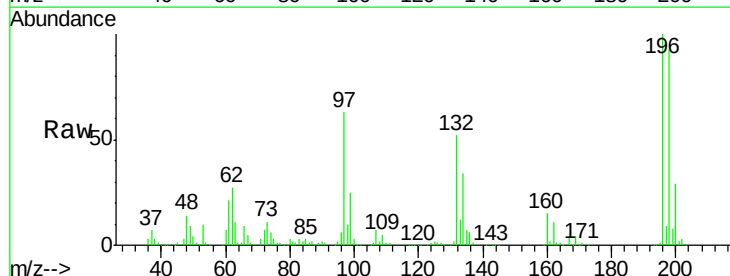
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

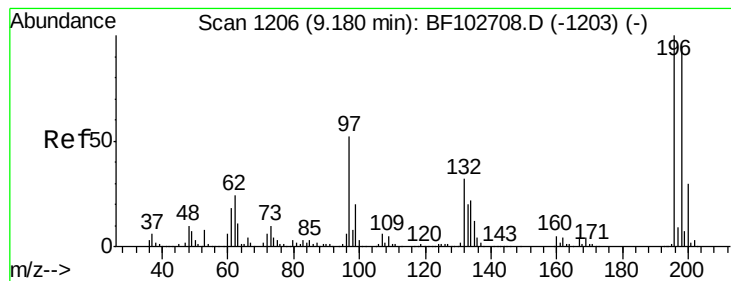
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.0	115.6
141	41.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.209 ng
 RT: 9.14 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.7	113.5
200	29.2	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 41.633 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

Tot Ion:196 Resp: 260899

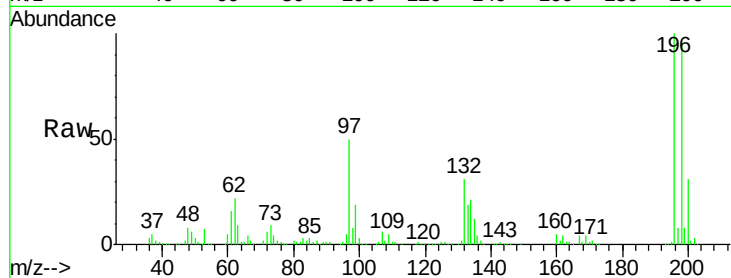
Ion Ratio Lower Upper

196 100

198 95.7 74.6 112.0

97 49.9 42.9 64.3

132 31.1 26.3 39.5

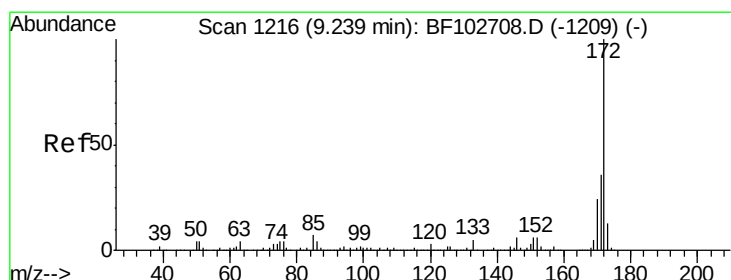
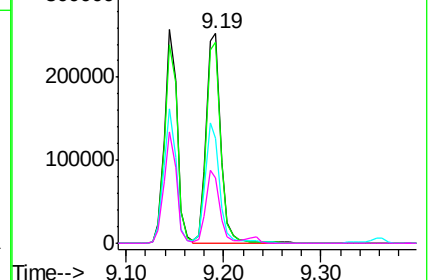
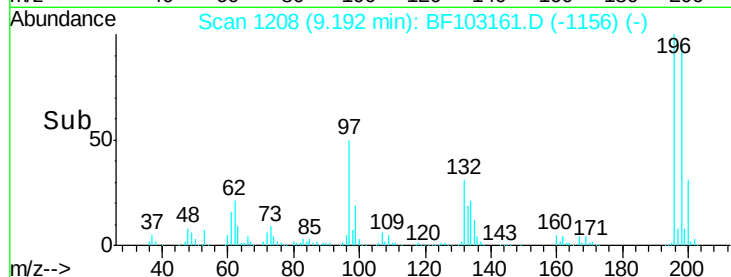


Abundance Ion 196.00 (195.70 to 196.70): E

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: 80.938 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

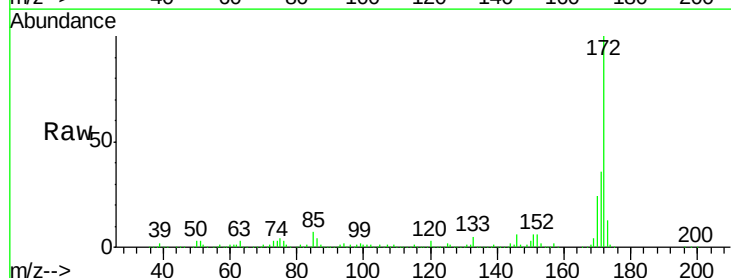
Tgt Ion:172 Resp: 1407769

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

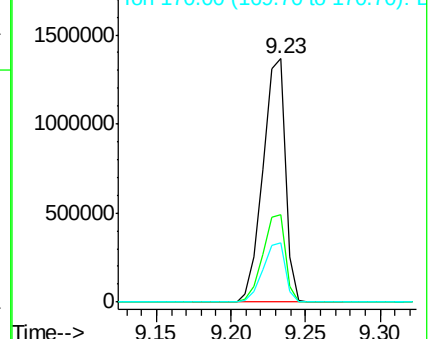
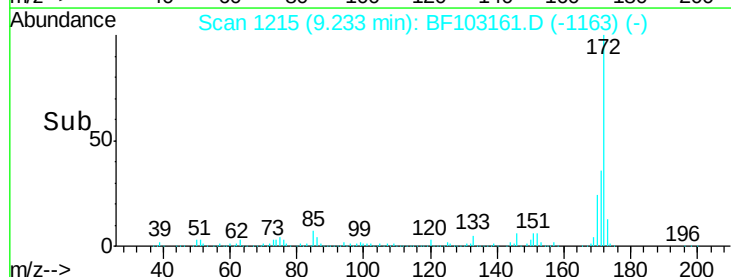
170 24.5 19.6 29.4

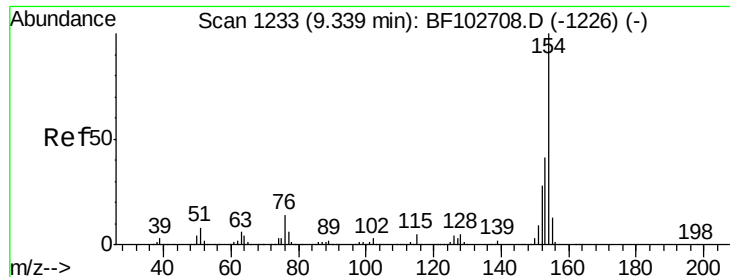


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.934 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

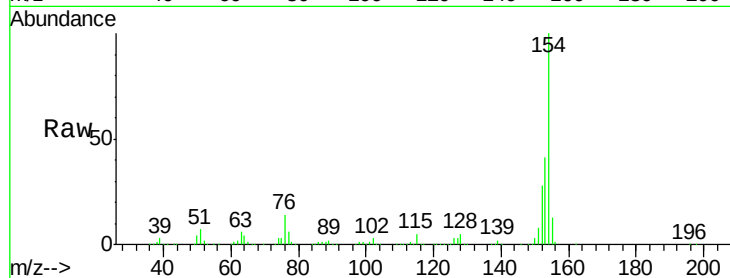
Tot Ion:154 Resp: 991143

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

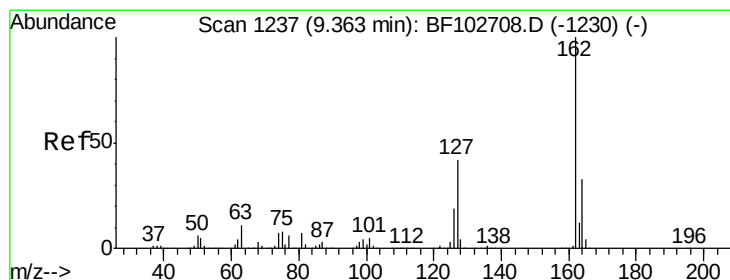
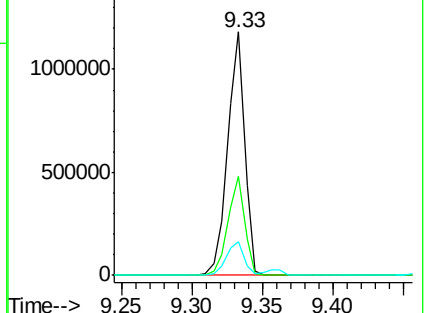
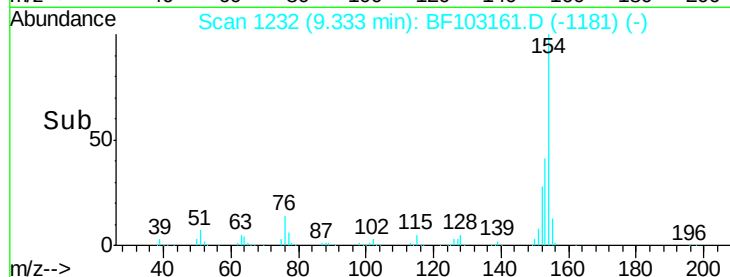
76 13.8 0.0 34.0



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: 40.526 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

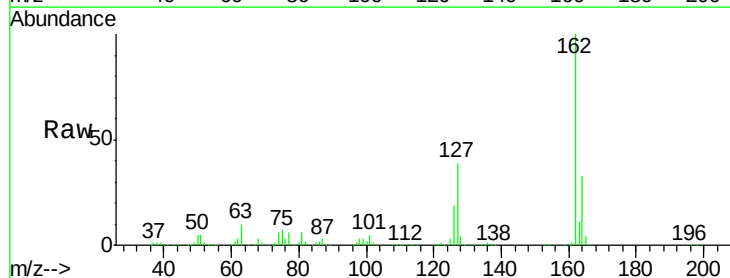
Tgt Ion:162 Resp: 795758

Ion Ratio Lower Upper

162 100

127 39.2 33.9 50.9

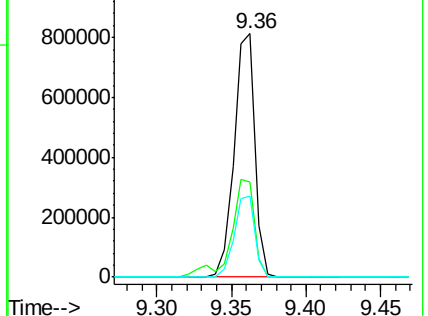
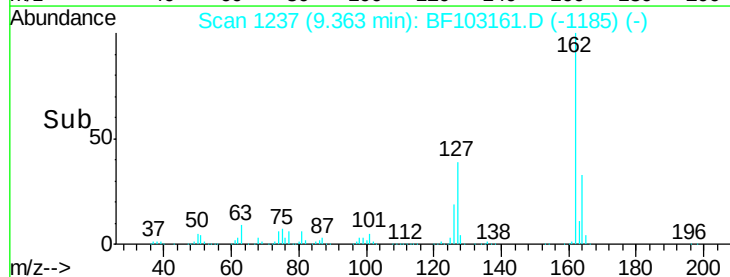
164 33.1 26.5 39.7

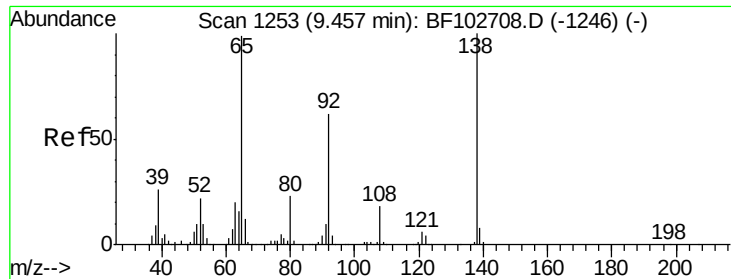


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.727 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

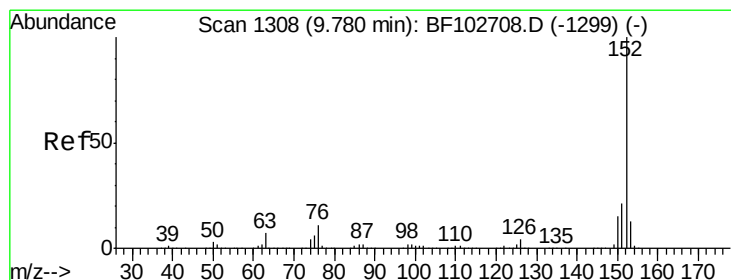
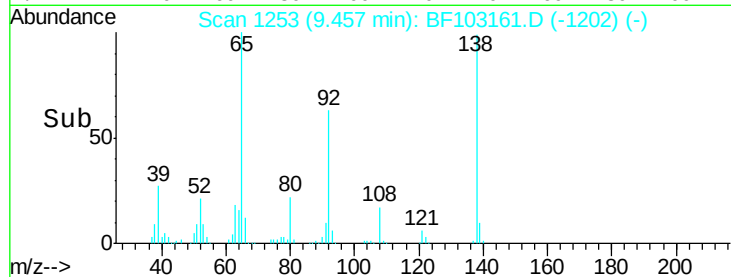
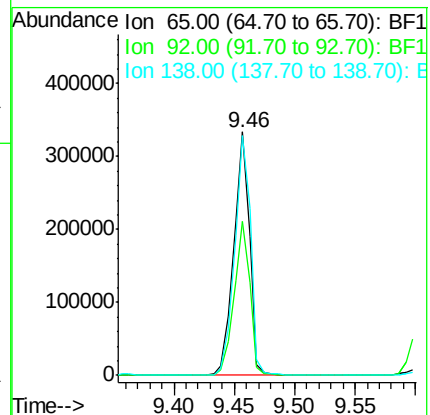
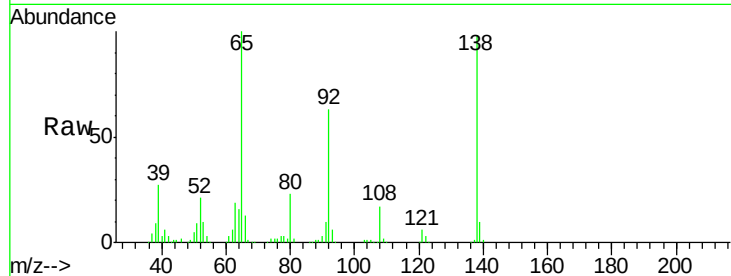
Tot Ion: 65 Resp: 303500

Ion Ratio Lower Upper

65 100

92 63.2 55.8 83.6

138 98.5 91.2 136.8



#48

Acenaphthylene

Concen: 40.306 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

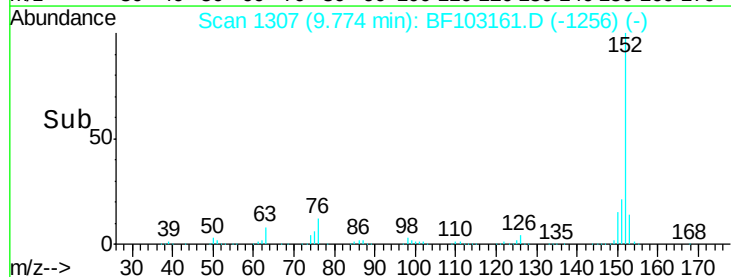
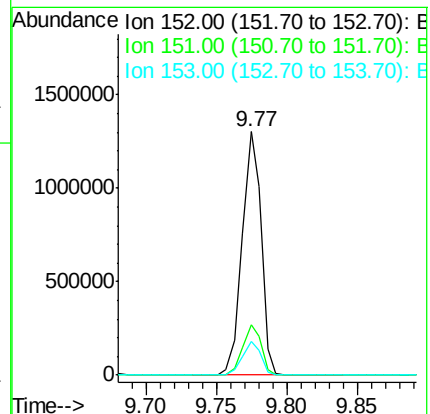
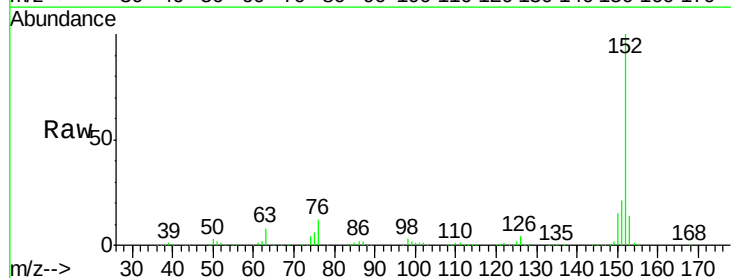
Tgt Ion: 152 Resp: 1217700

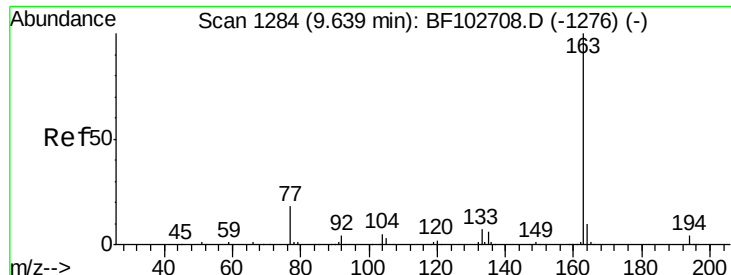
Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.6 10.7 16.1

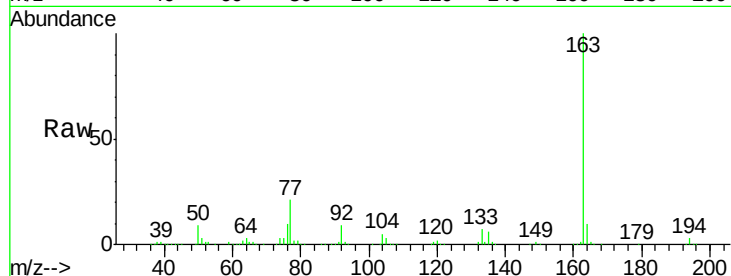




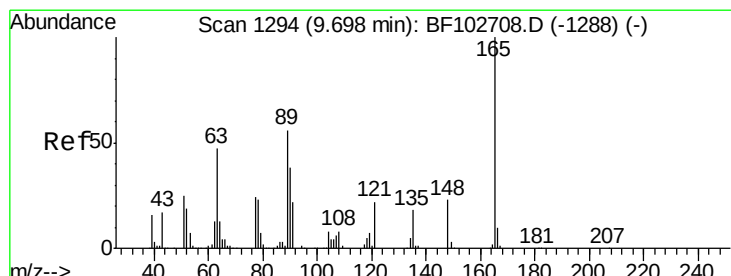
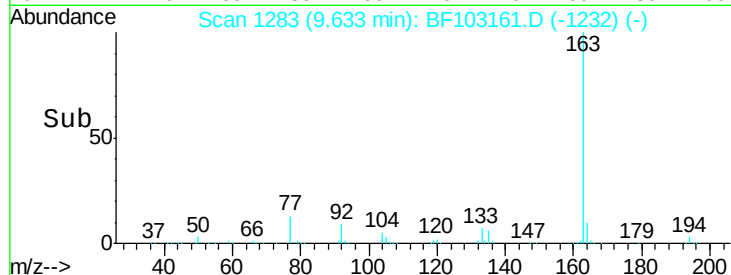
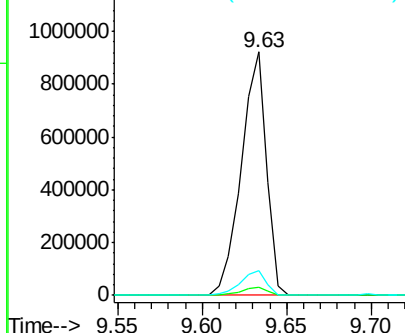
#49
Dimethylphthalate
Concen: 40.275 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2

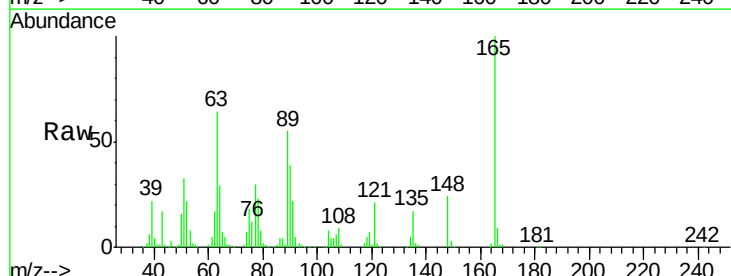


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

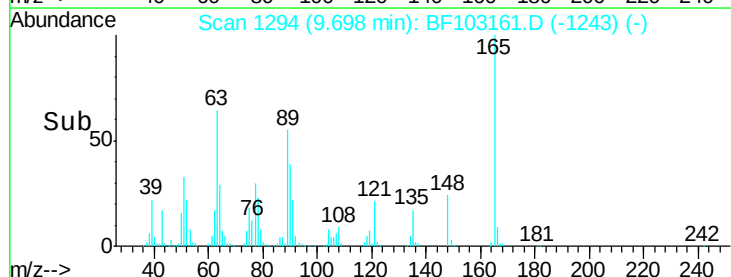
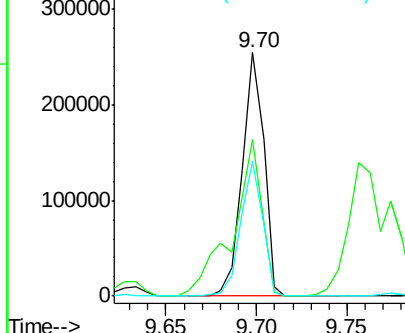


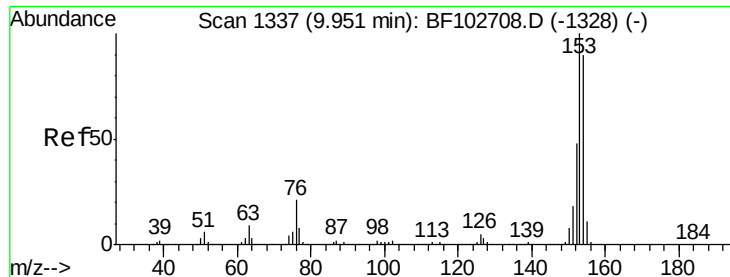
#50
2,6-Dinitrotoluene
Concen: 42.401 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.3	44.7	67.1
89	55.4	44.0	66.0



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





#51

Acenaphthene

Concen: 39.787 ng

RT: 9.94 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

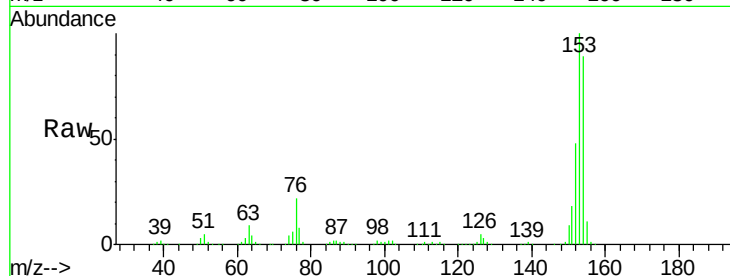
Tot Ion:154 Resp: 700915

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

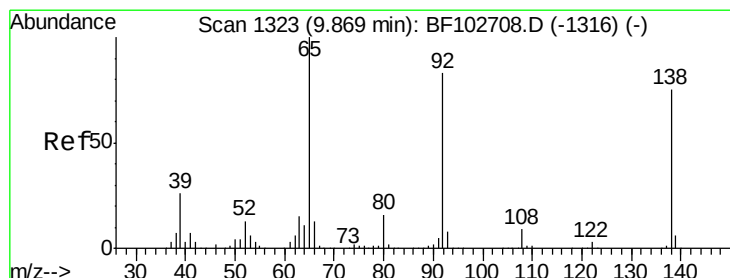
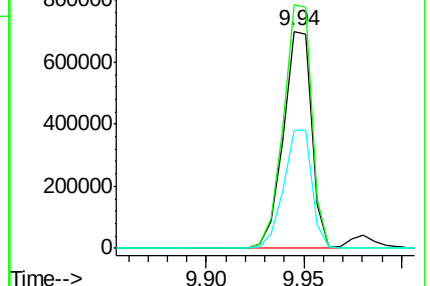
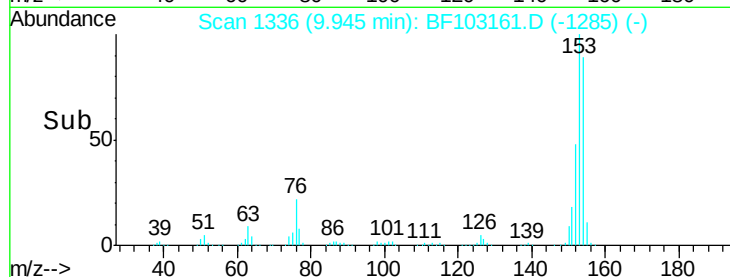
152 54.2 43.8 65.8



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: 41.790 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

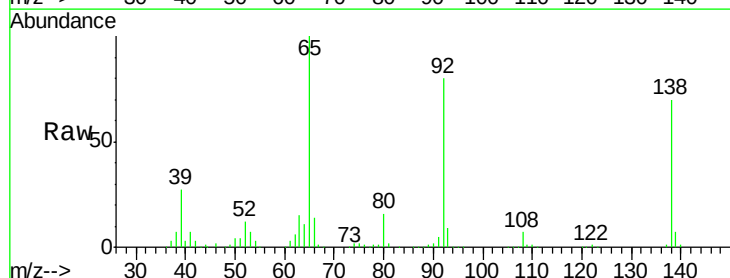
Tgt Ion:138 Resp: 264378

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

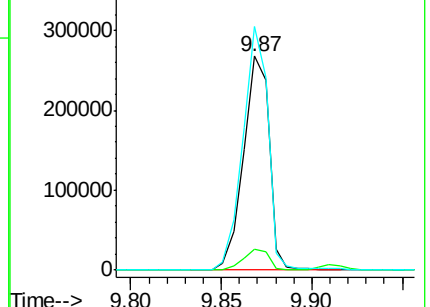
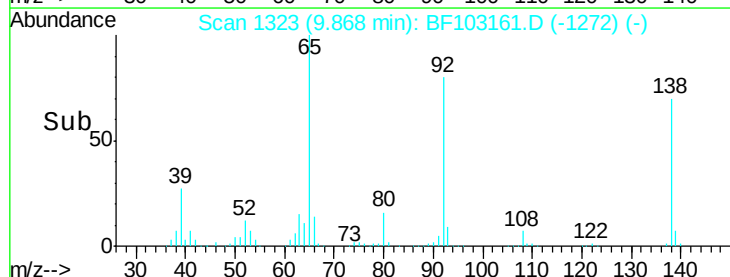
92 113.9 89.4 134.2

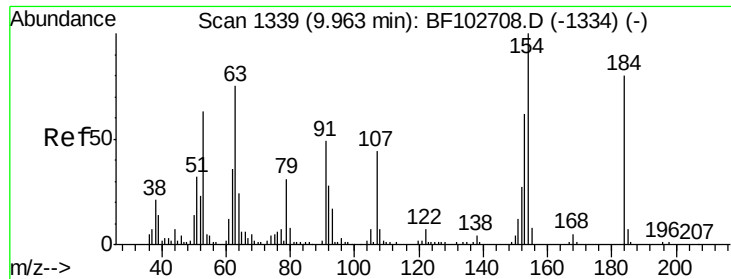


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

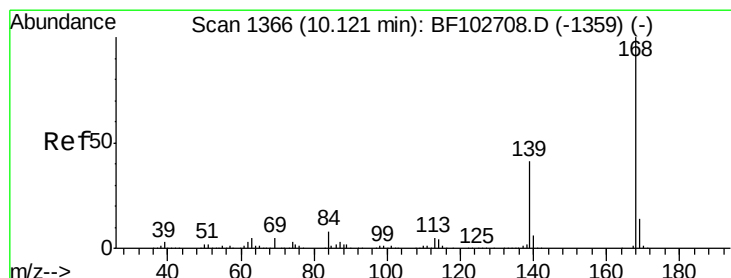
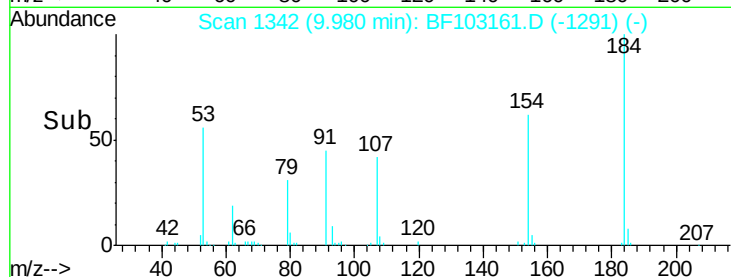
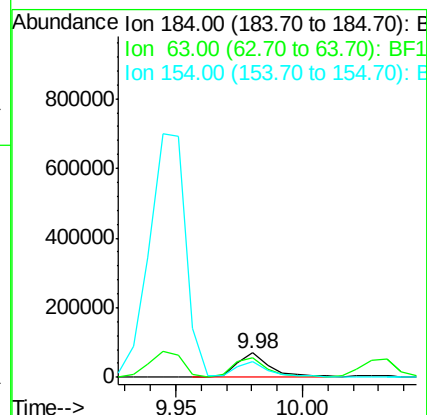
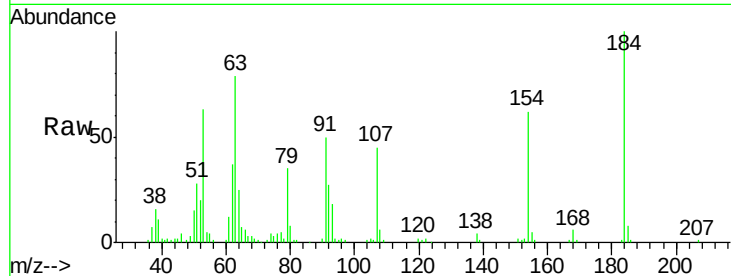




#53
2,4-Dinitrophenol
Concen: 40.975 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

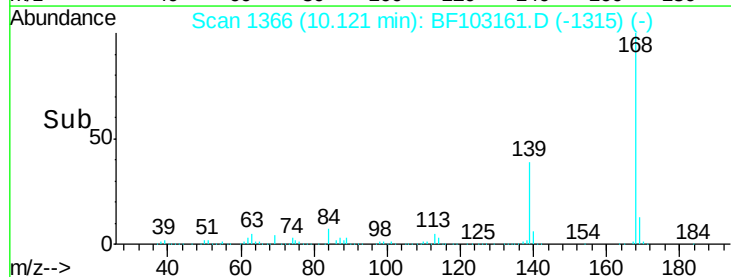
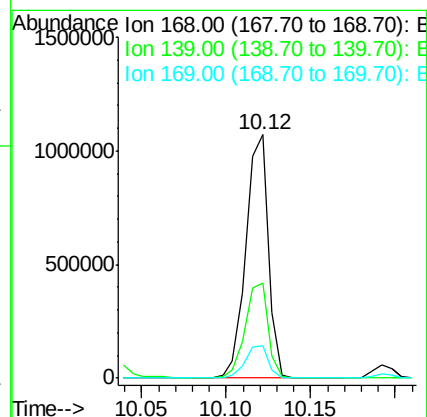
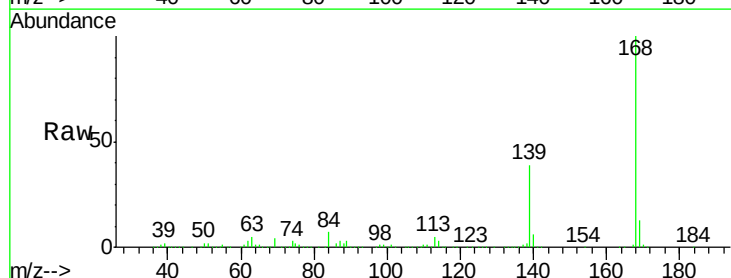
Instrument :
BNA_F
ClientSampleId :
ICVBF022218

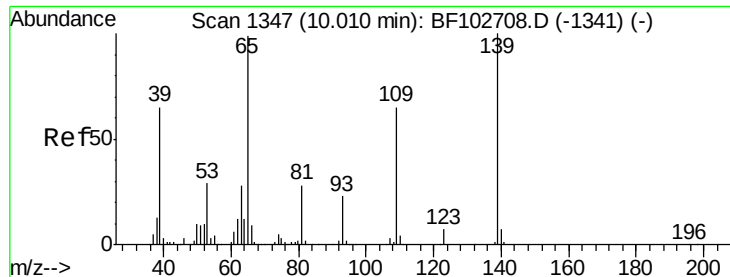
Tot Ion:184 Resp: 64193
Ion Ratio Lower Upper
184 100
63 78.6 54.2 81.2
154 61.8 184.0 276.0#



#54
Dibenzofuran
Concen: 41.186 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion:168 Resp: 996018
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.3 10.9 16.3

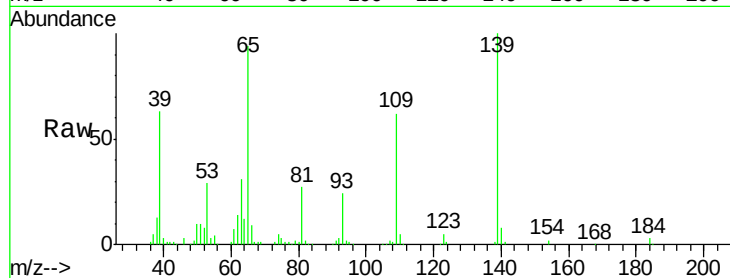




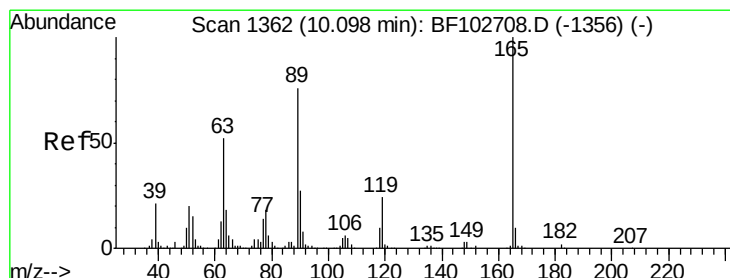
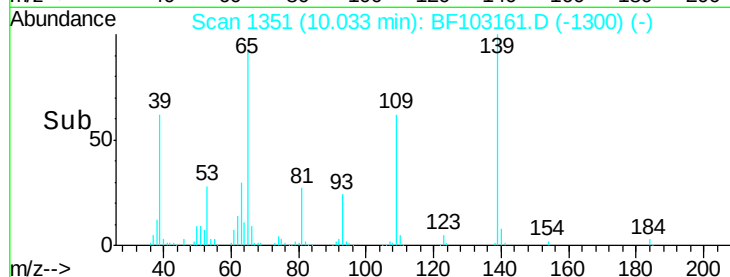
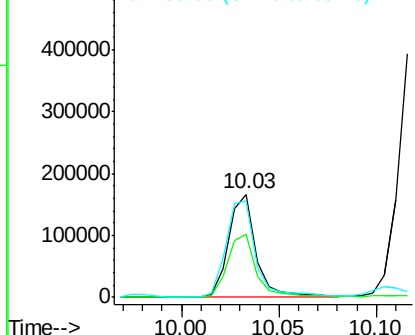
#55
4-Nitrophenol
Concen: 41.732 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion:139 Resp: 163627
Ion Ratio Lower Upper
139 100
109 61.6 48.4 88.4
65 93.6 72.6 112.6

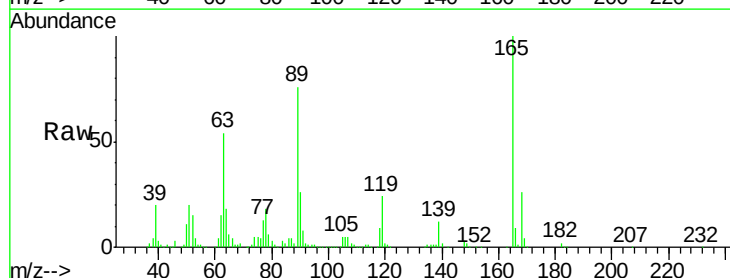


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

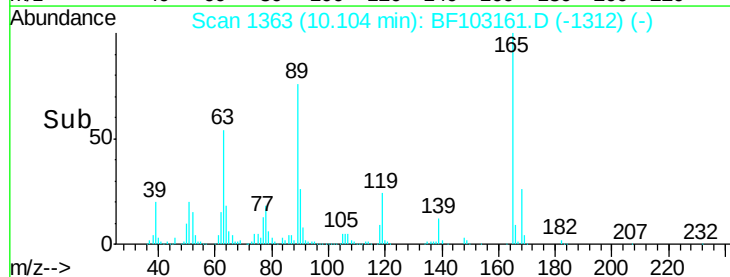
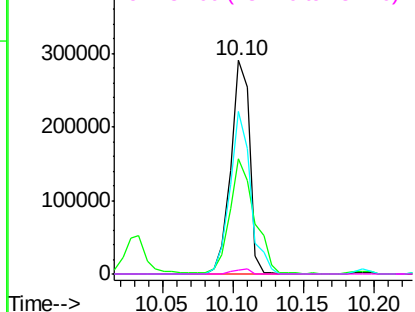


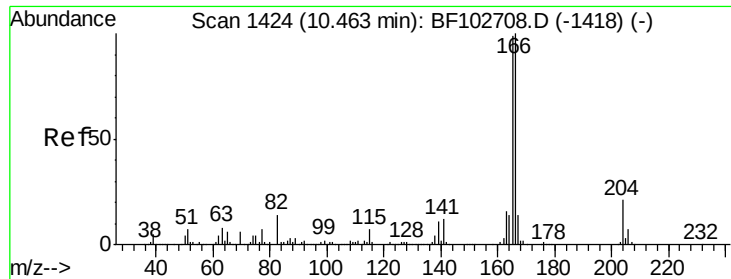
#56
2,4-Dinitrotoluene
Concen: 42.809 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion:165 Resp: 269970
Ion Ratio Lower Upper
165 100
63 54.1 36.4 54.6
89 75.9 57.8 86.6
182 1.9 1.6 2.4



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





#57

Fluorene

Concen: 38.042 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

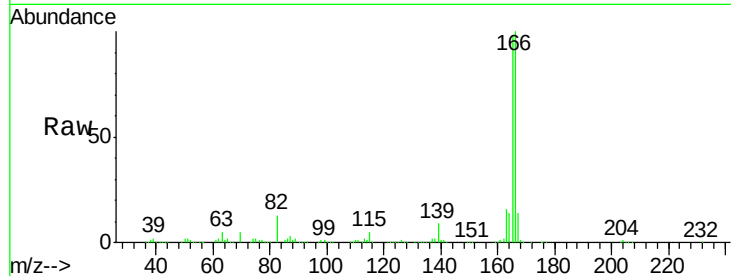
Tot Ion:166 Resp: 783699

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

1200000

1000000

800000

600000

400000

200000

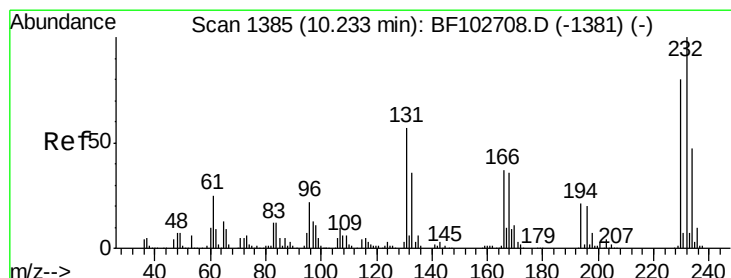
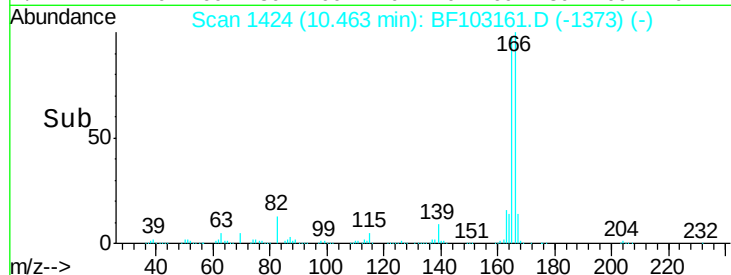
0

10.46

10.40

10.50

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.591 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:232 Resp: 175087

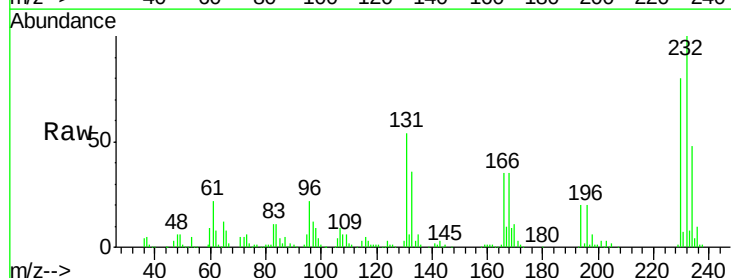
Ion Ratio Lower Upper

232 100

131 56.9 43.8 65.8

130 3.0 2.1 3.1

166 36.0 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

300000

250000

200000

150000

100000

50000

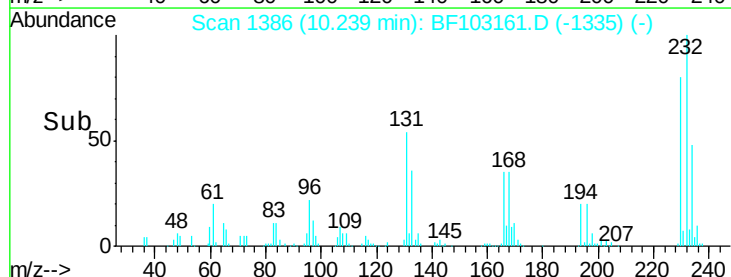
0

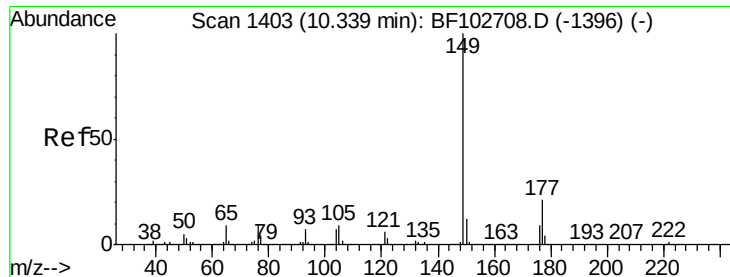
10.24

10.20

10.30

Time-->





#59

Diethylphthalate

Concen: 40.285 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

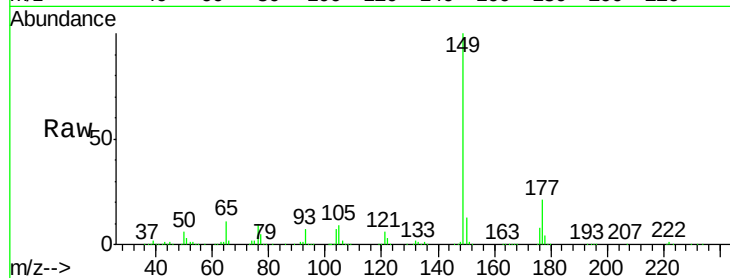
Tot Ion:149 Resp: 915493

Ion Ratio Lower Upper

149 100

177 20.7 16.1 24.1

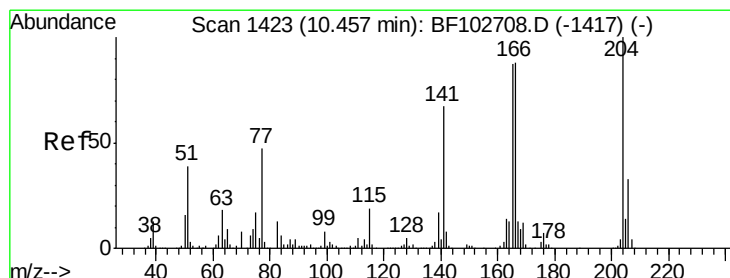
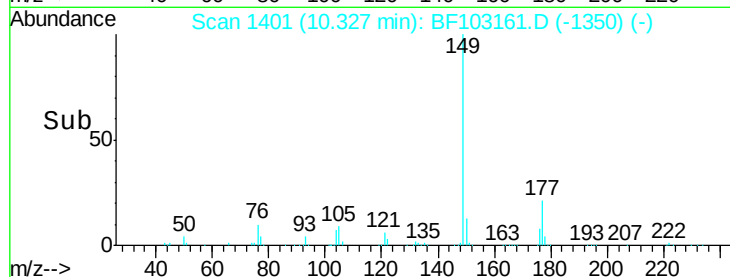
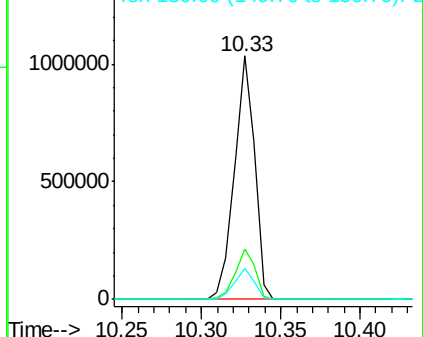
150 12.7 10.1 15.1



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: 39.942 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

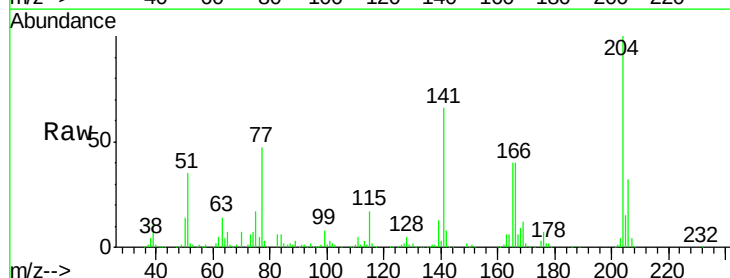
Tgt Ion:204 Resp: 348941

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

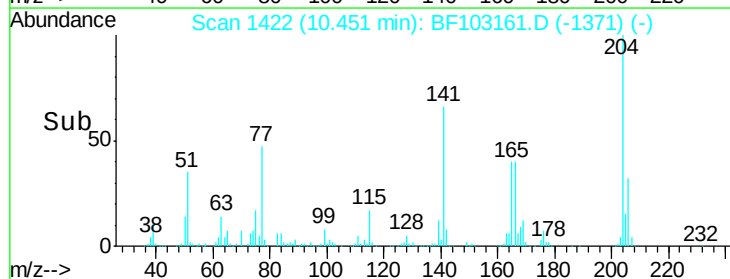
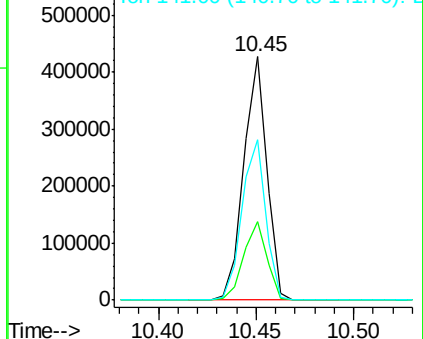
141 65.9 54.6 81.8

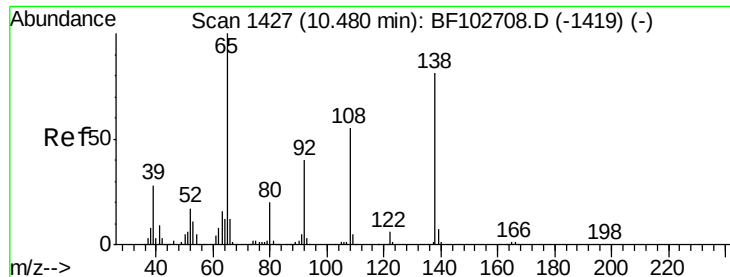


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

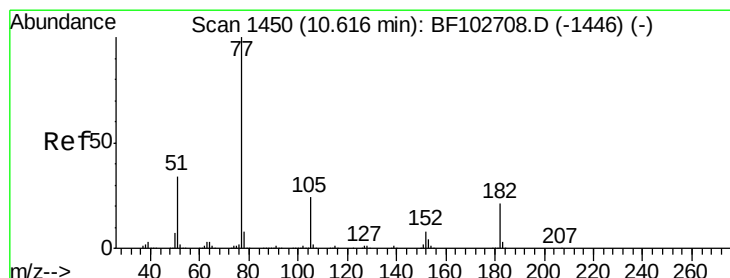
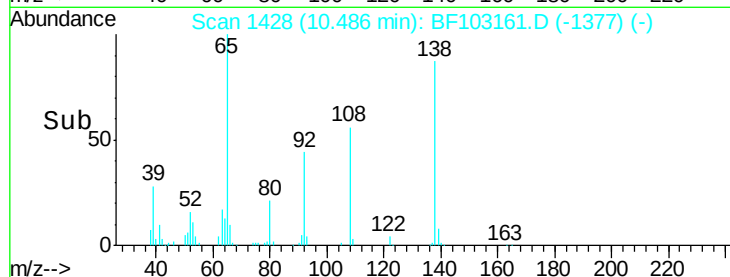
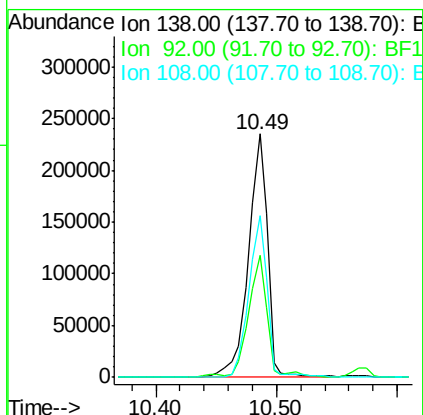
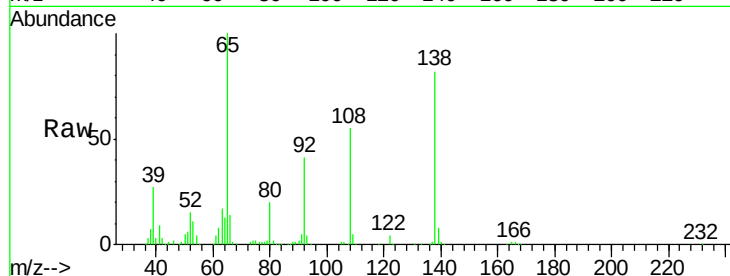




#61
4-Nitroaniline
Concen: 41.517 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

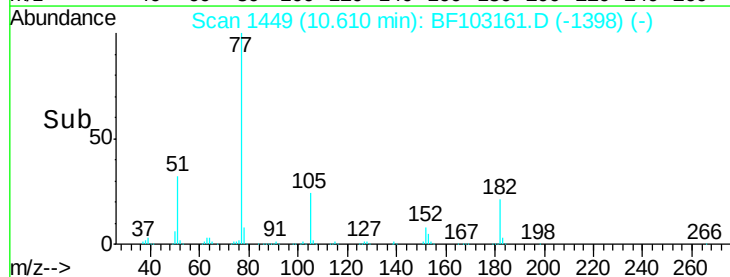
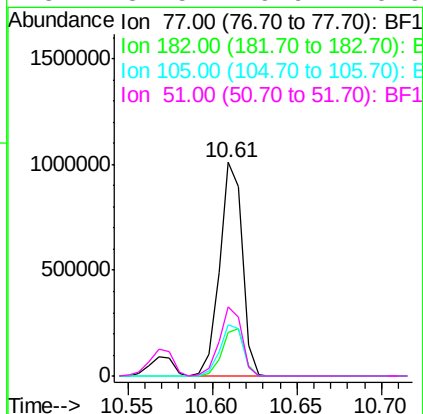
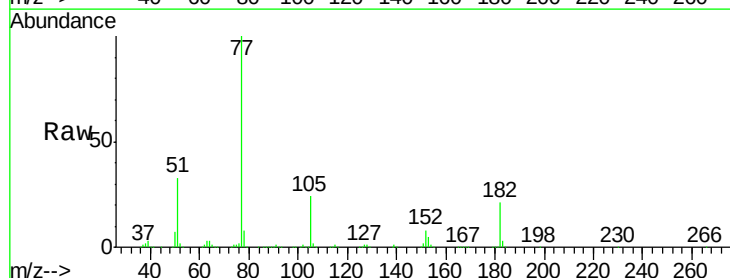
Instrument :
BNA_F
ClientSampleId :
ICVBF022218

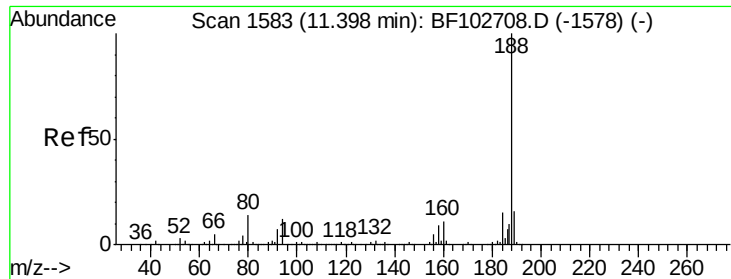
Tot Ion:138 Resp: 262341
Ion Ratio Lower Upper
138 100
92 50.3 30.2 70.2
108 66.3 52.5 92.5



#62
Azobenzene
Concen: 40.769 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion: 77 Resp: 943068
Ion Ratio Lower Upper
77 100
182 20.6 1.7 41.7
105 23.9 3.0 43.0
51 32.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

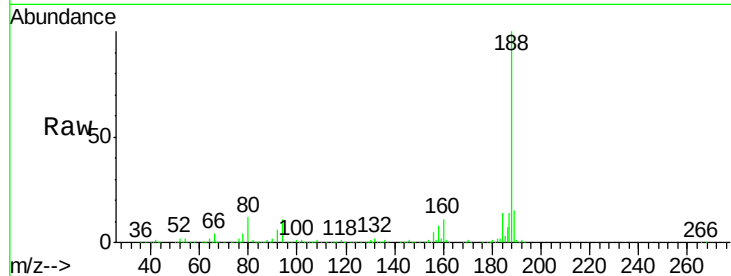
Tot Ion:188 Resp: 507506

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

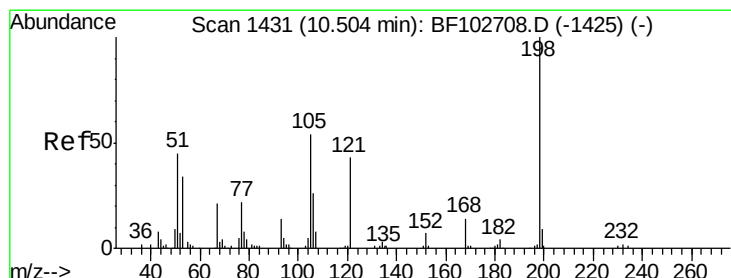
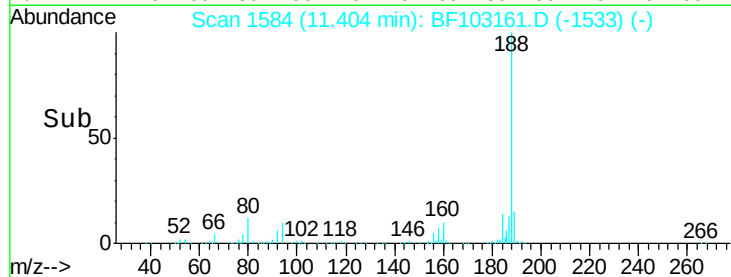
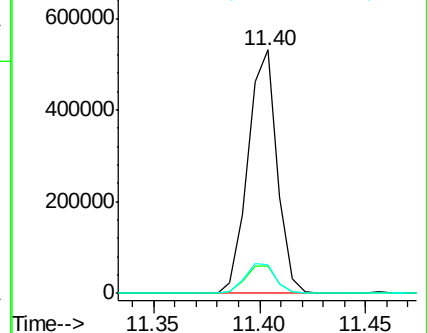
80 11.6 9.2 13.8



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: 41.641 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

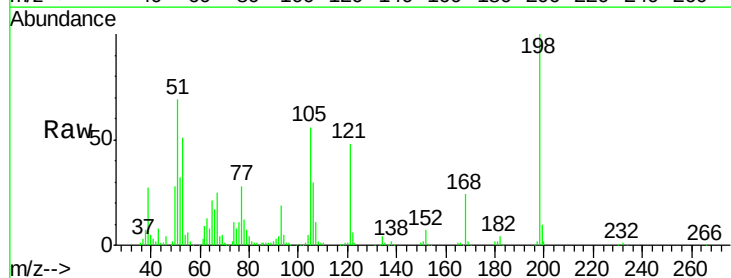
Tgt Ion:198 Resp: 126330

Ion Ratio Lower Upper

198 100

51 69.3 37.7 77.7

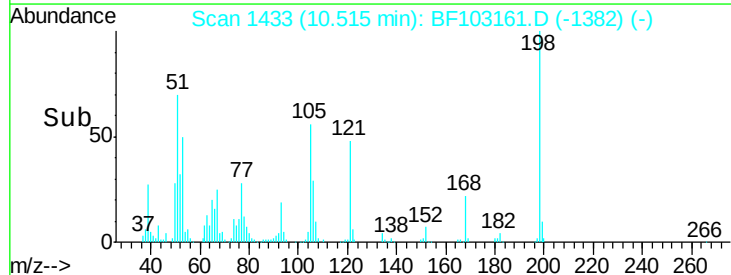
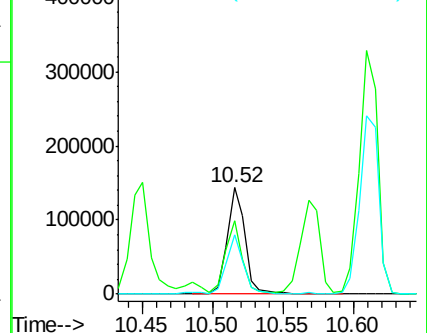
105 55.8 36.3 76.3

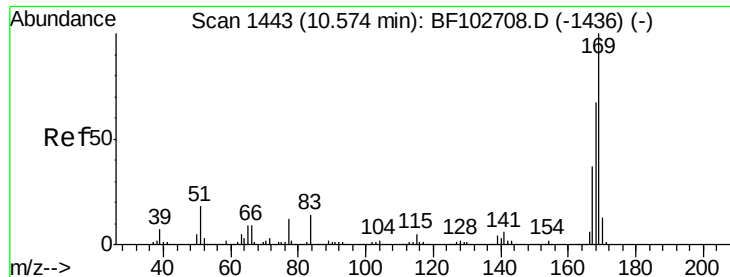


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.456 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

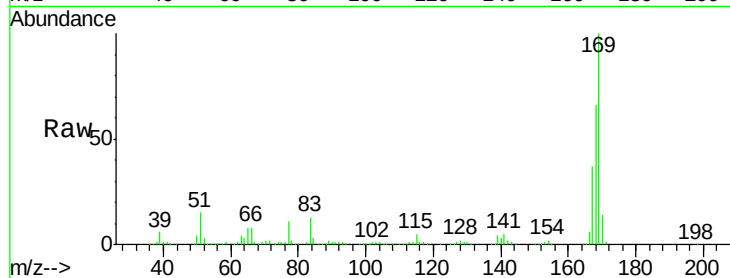
Tot Ion:169 Resp: 714881

Ion Ratio Lower Upper

169 100

168 66.1 54.4 81.6

167 36.9 29.8 44.6



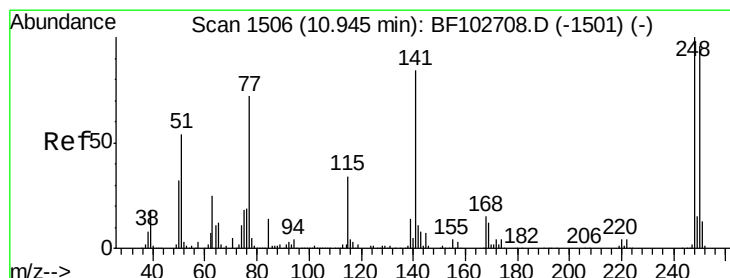
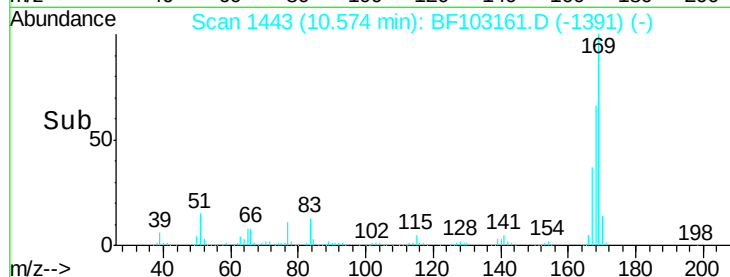
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

10.57

Time-->



#66

4-Bromophenyl-phenylether

Concen: 40.759 ng

RT: 10.94 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

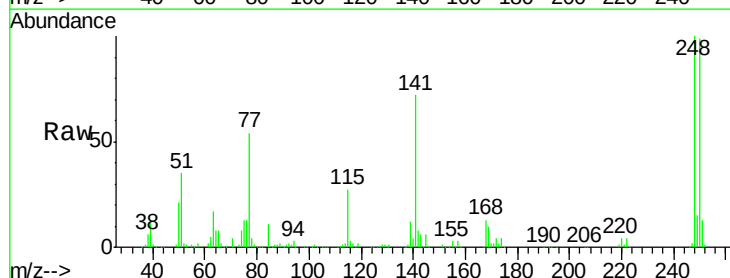
Tgt Ion:248 Resp: 215481

Ion Ratio Lower Upper

248 100

250 98.6 76.9 115.3

141 72.1 74.4 111.6#



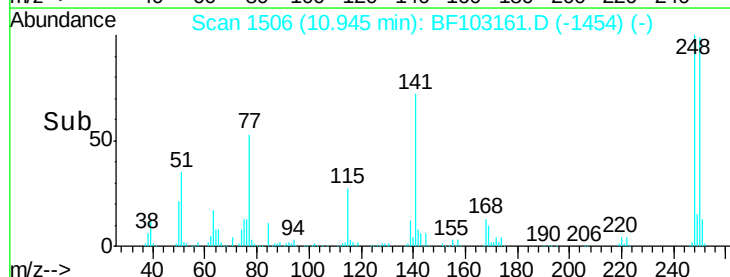
Abundance Ion 248.00 (247.70 to 248.70): E

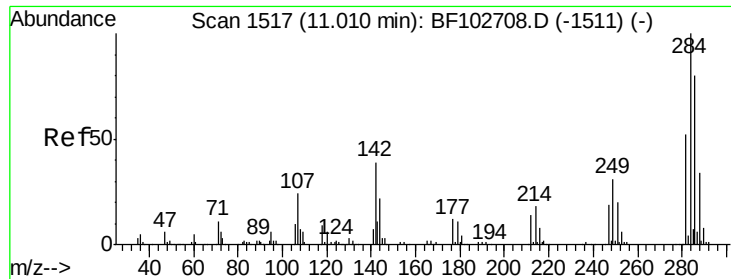
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10.94

Time-->





#67

Hexachlorobenzene

Concen: 41.655 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

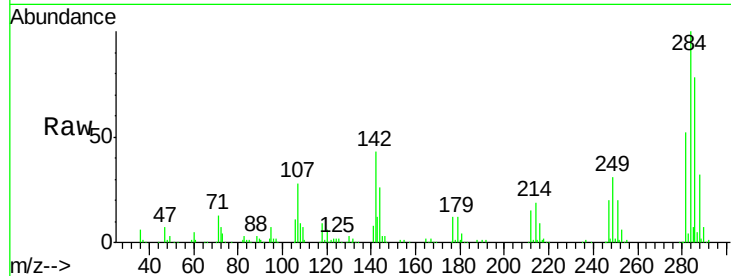
Tot Ion:284 Resp: 239023

Ion Ratio Lower Upper

284 100

142 43.4 34.6 52.0

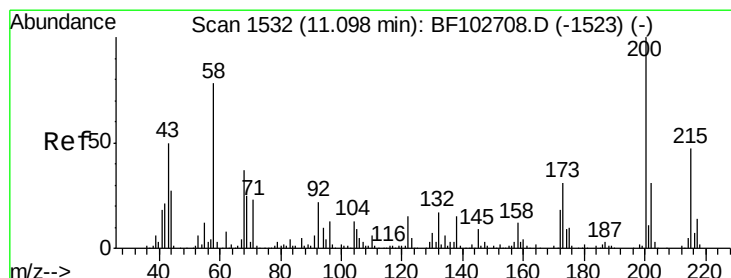
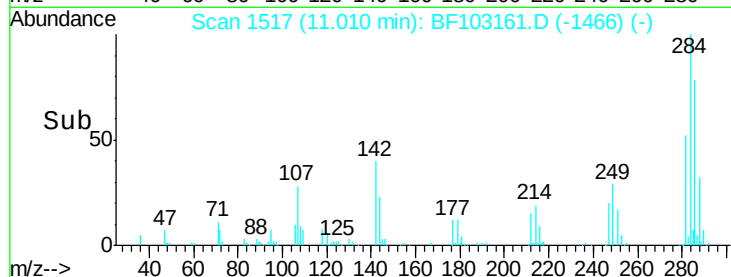
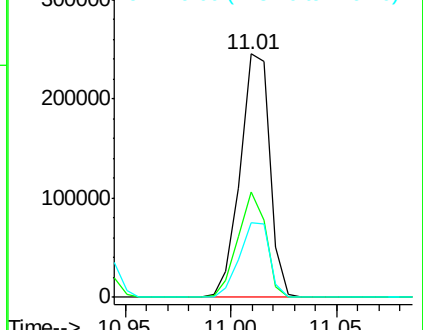
249 30.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.787 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

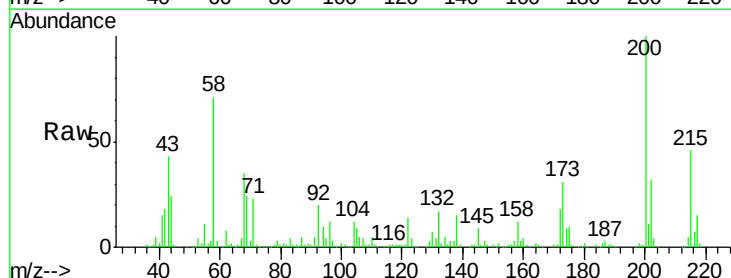
Tgt Ion:200 Resp: 211319

Ion Ratio Lower Upper

200 100

173 30.7 8.6 48.6

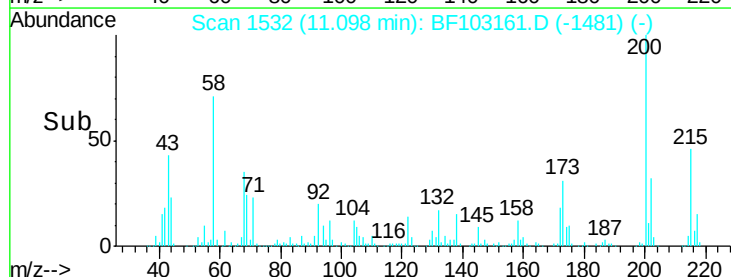
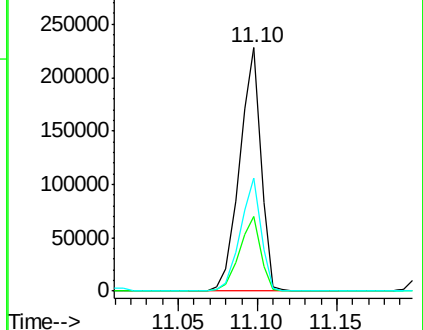
215 46.3 25.1 65.1

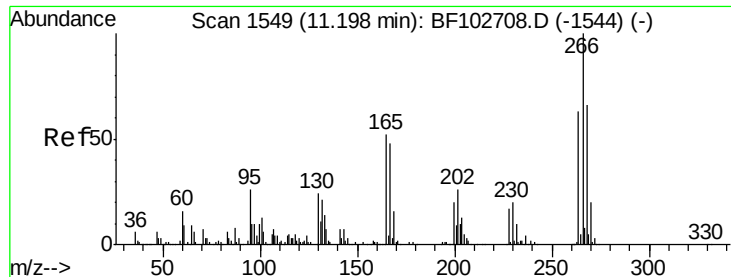


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

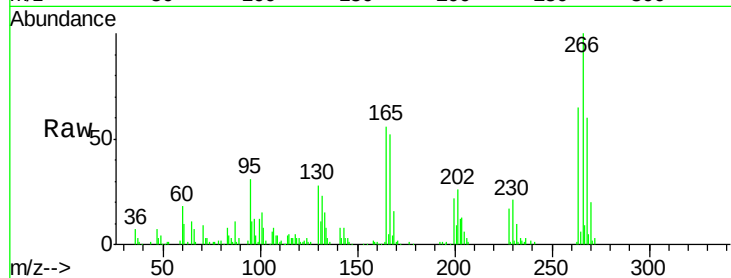




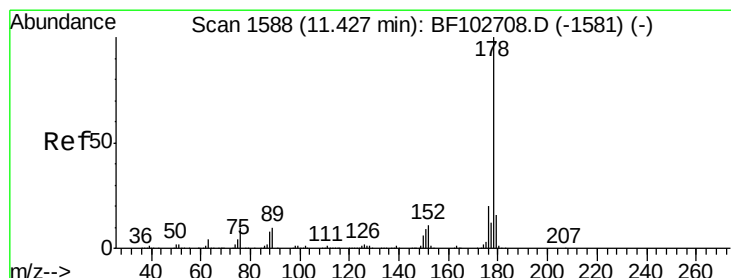
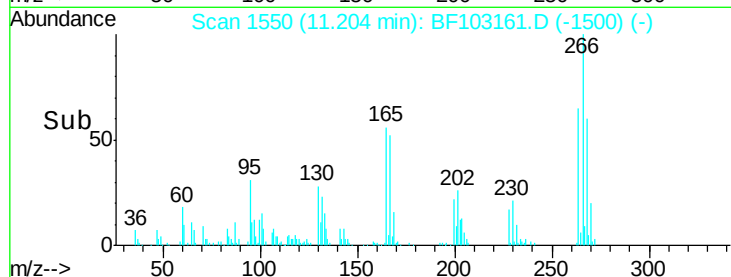
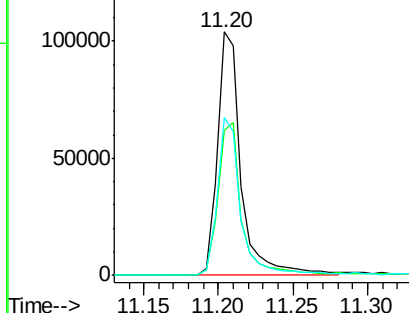
#69
 Pentachlorophenol
 Concen: 41.811 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Tot Ion:266 Resp: 116004
 Ion Ratio Lower Upper
 266 100
 268 59.8 51.1 76.7
 264 64.6 49.5 74.3

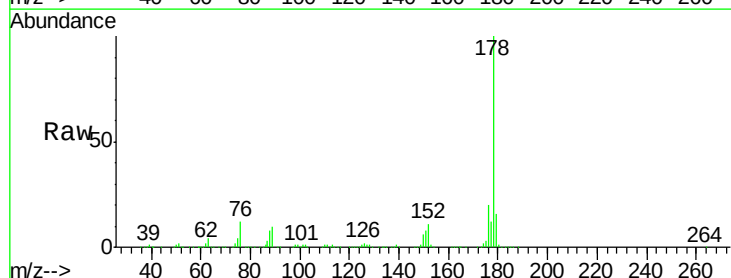


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

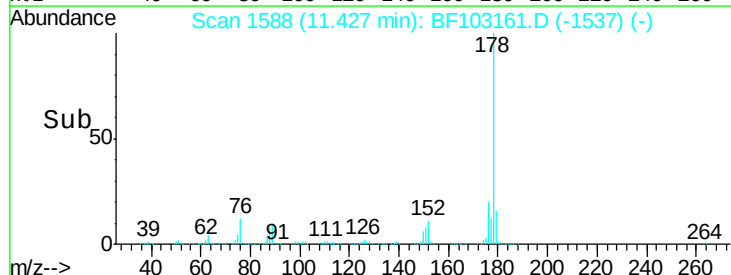
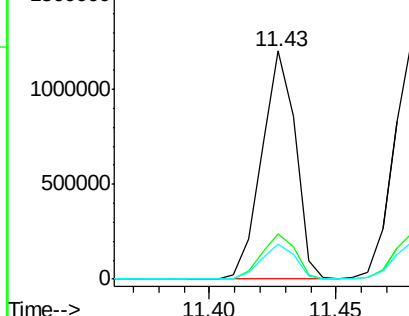


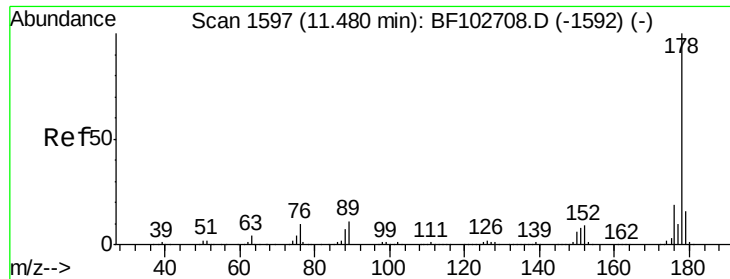
#70
 Phenanthrene
 Concen: 39.720 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion:178 Resp: 1109359
 Ion Ratio Lower Upper
 178 100
 176 19.7 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

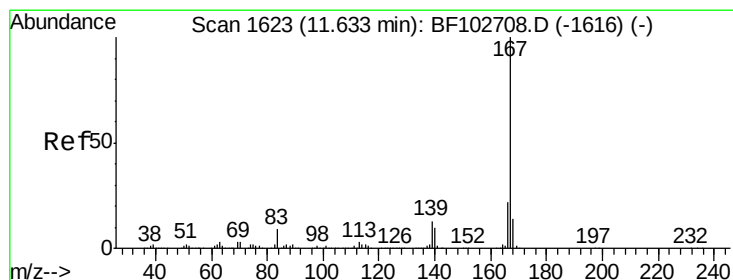
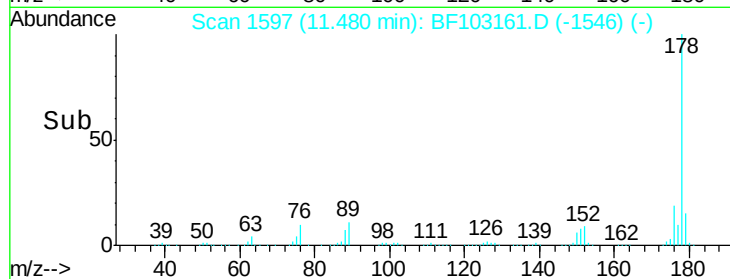
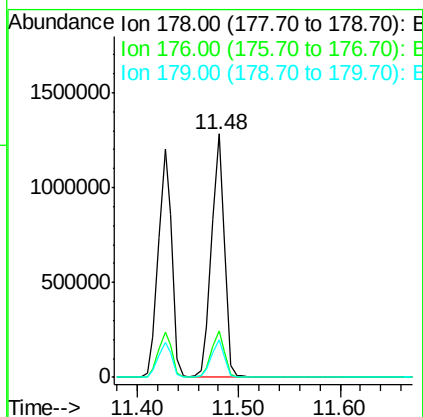
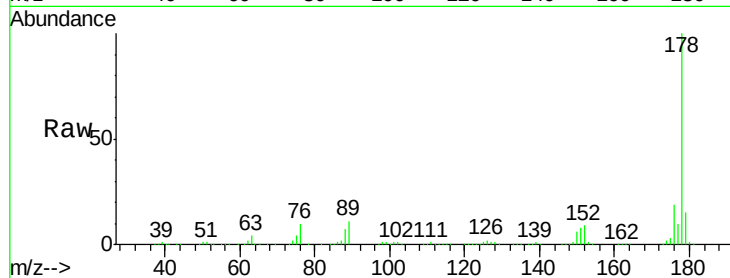




#71
 Anthracene
 Concen: 39.965 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

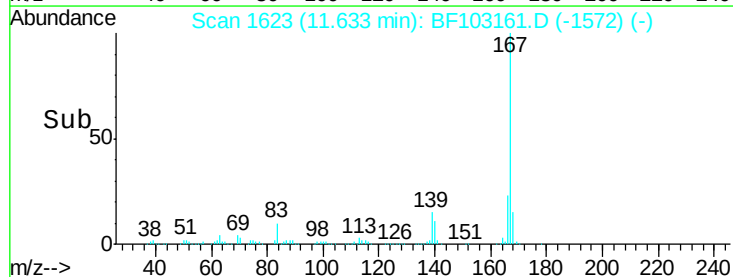
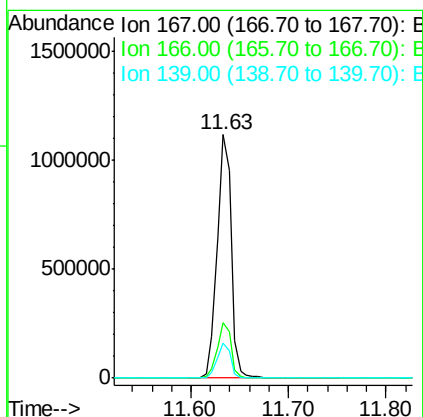
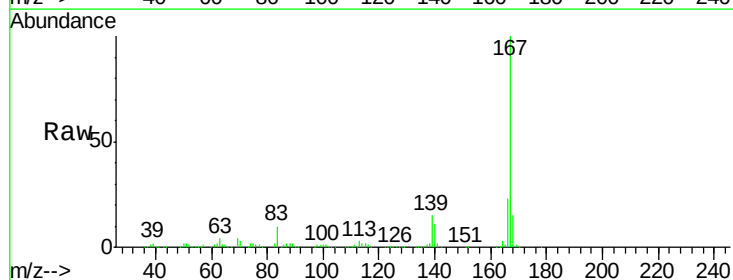
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

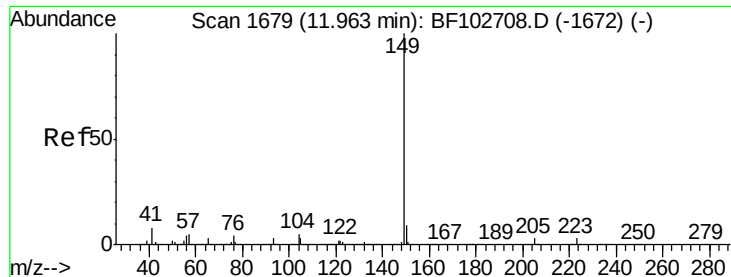
Tot Ion:178 Resp: 1144613
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 39.561 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion:167 Resp: 1128305
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.729 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

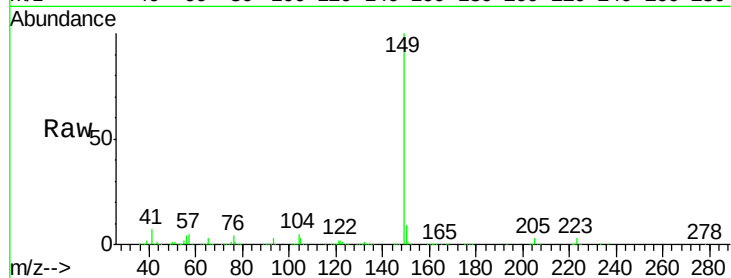
Tot Ion:149 Resp: 1453528

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

104 4.6 3.8 5.8

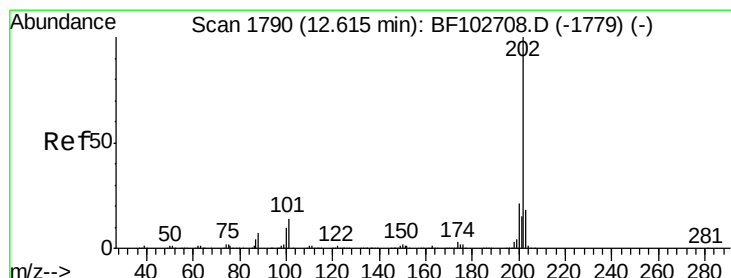
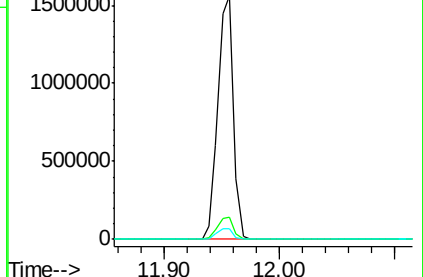
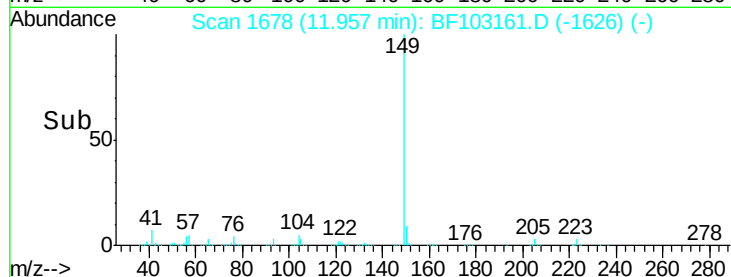


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#74

Fluoranthene

Concen: 39.743 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

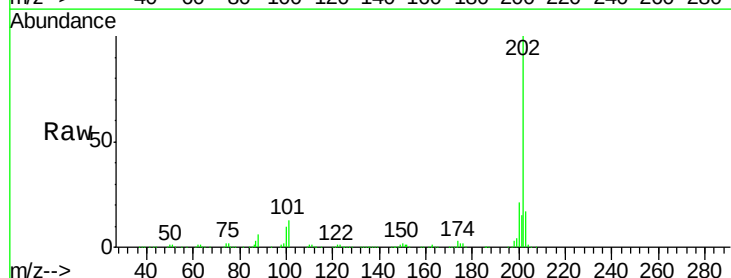
Tgt Ion:202 Resp: 1115444

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

203 17.4 0.0 38.1

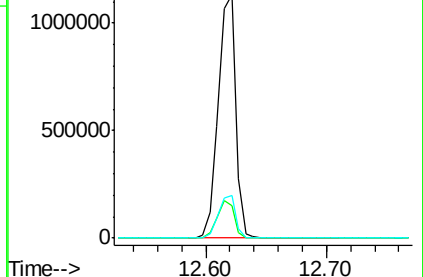
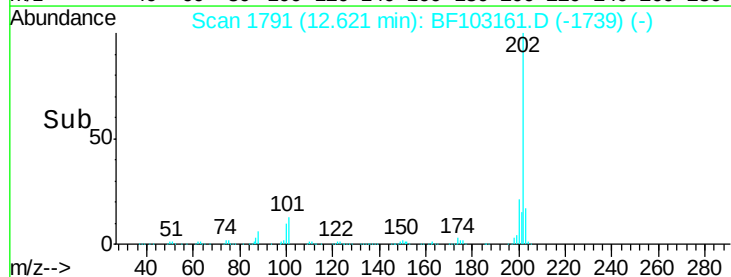


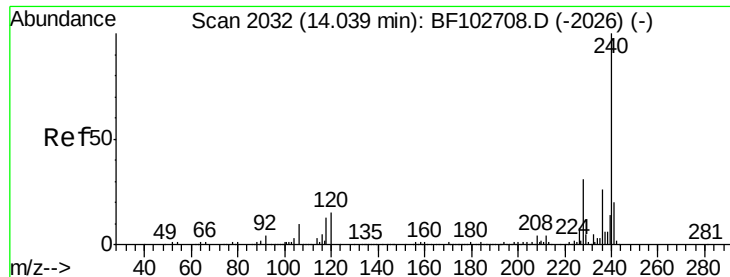
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

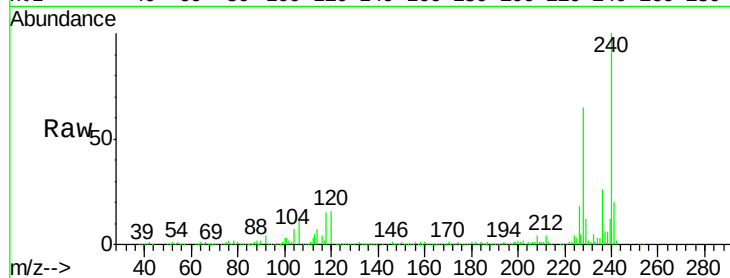
Tot Ion:240 Resp: 361788

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

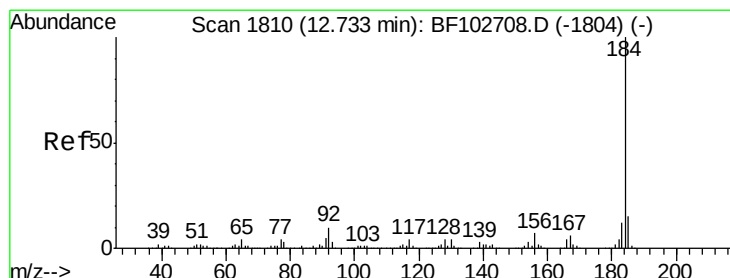
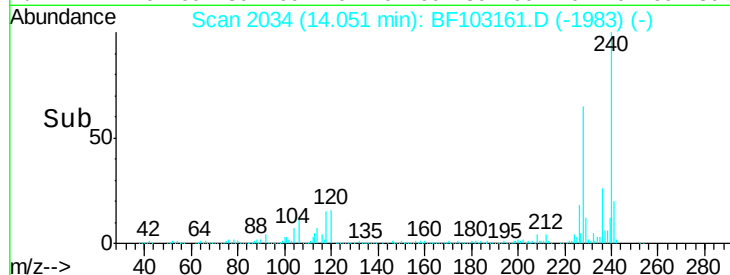
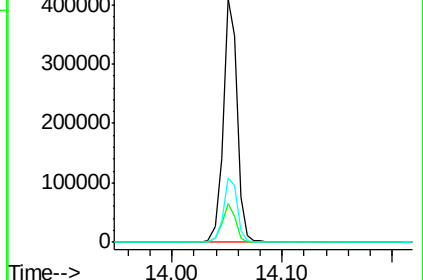
236 26.3 20.7 31.1



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: 38.487 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

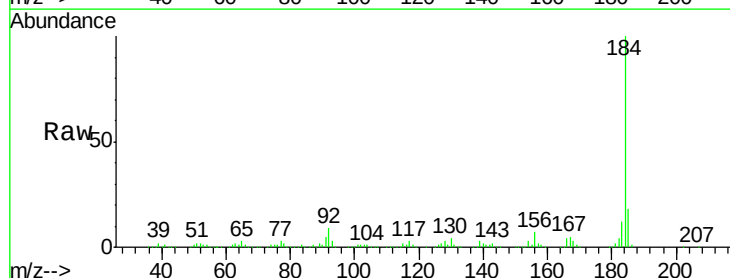
Tgt Ion:184 Resp: 520558

Ion Ratio Lower Upper

184 100

185 17.9 12.6 18.8

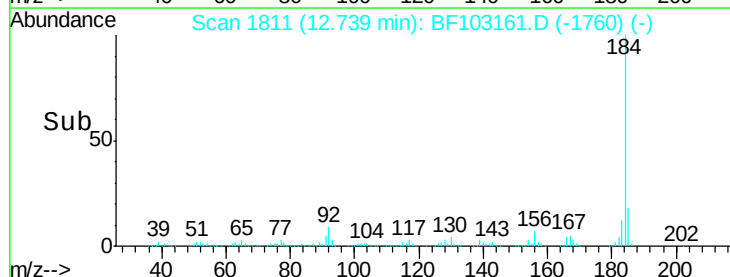
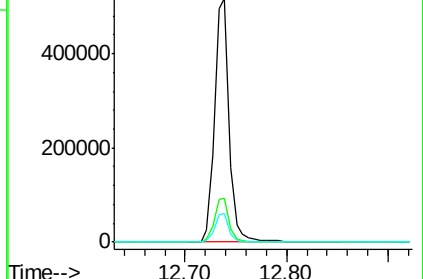
183 11.5 9.3 13.9

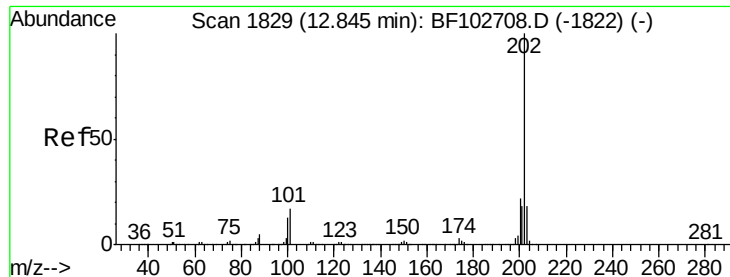


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

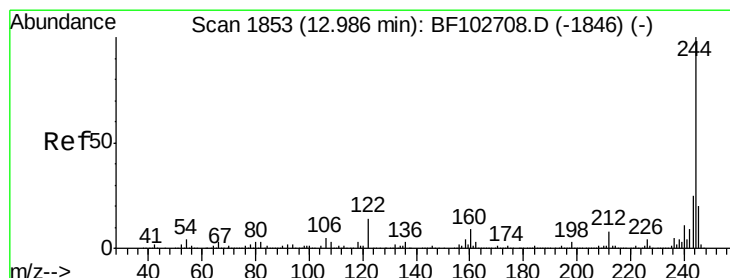
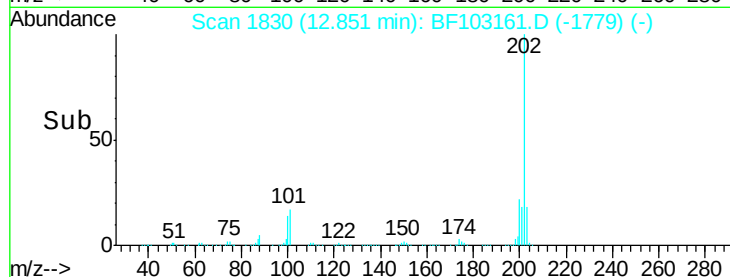
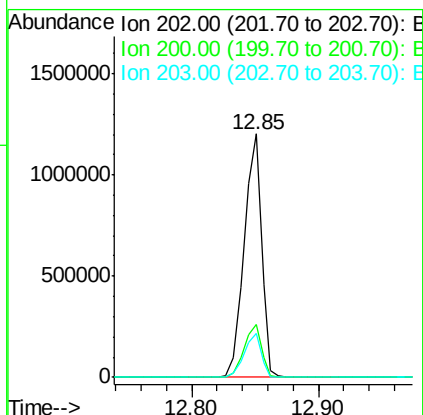
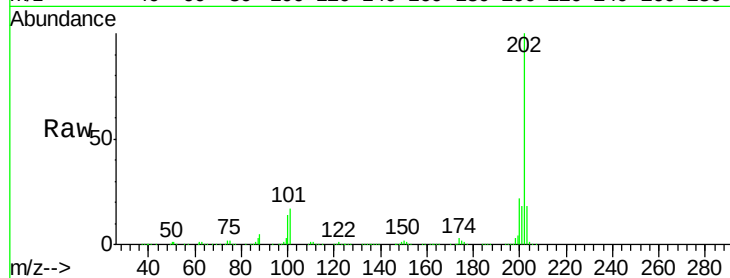




#77
Pvrene
Concen: 40.405 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

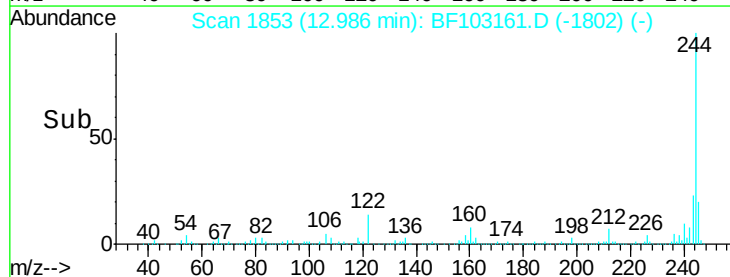
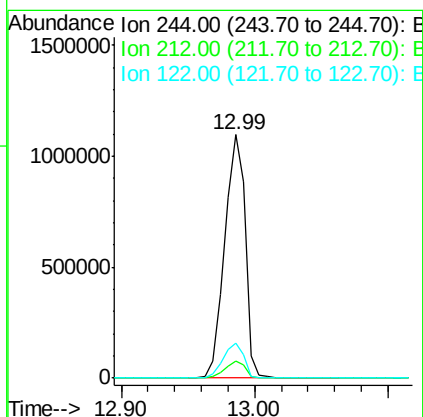
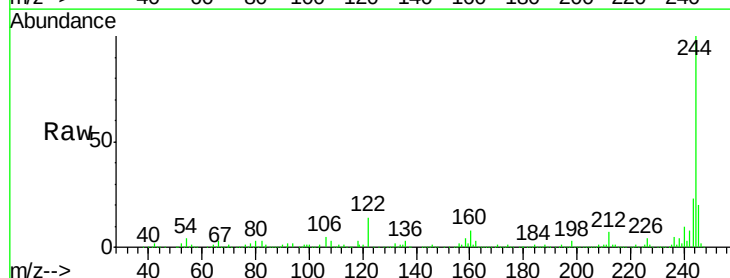
Instrument :
BNA_F
ClientSampleId :
ICVBF022218

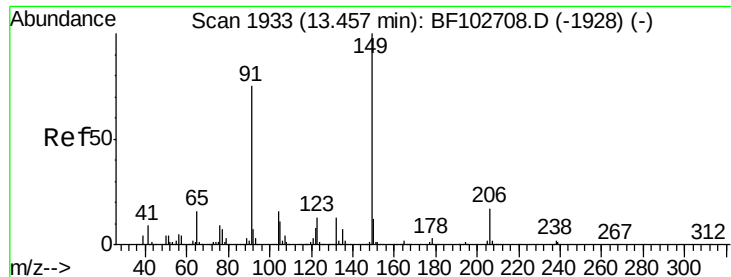
Tot Ion:202 Resp: 1139707
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 79.226 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion:244 Resp: 1192365
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 14.4 11.0 16.4

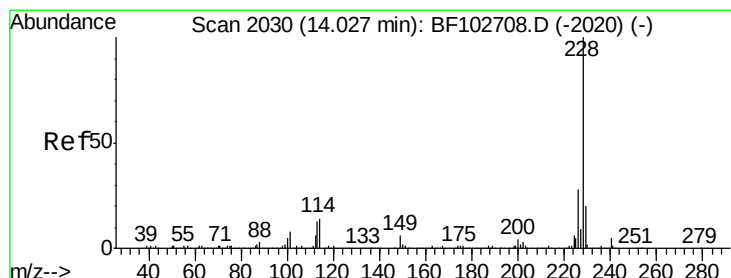
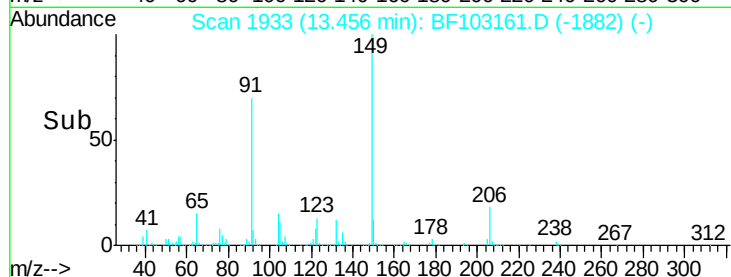
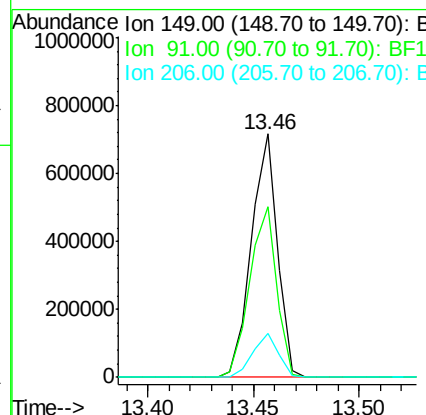
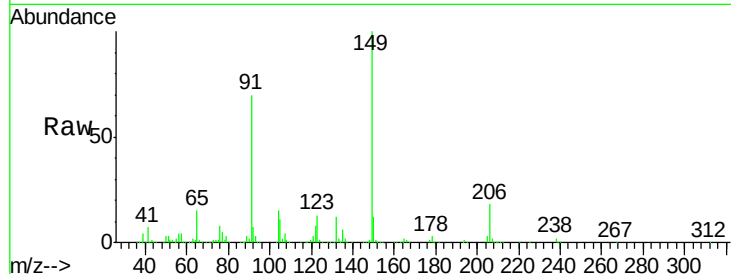




#79
Butylbenzylphthalate
Concen: 41.308 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

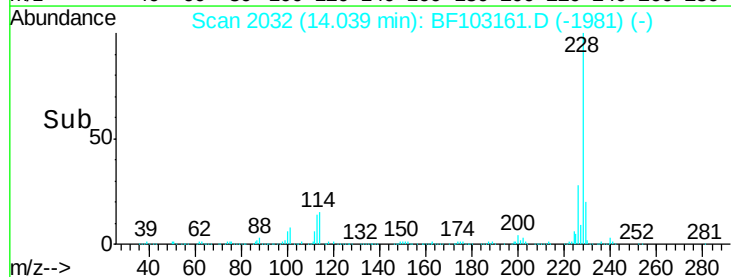
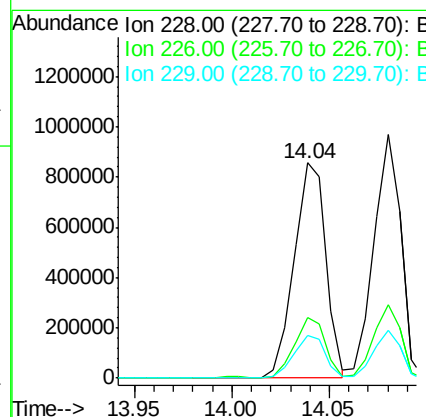
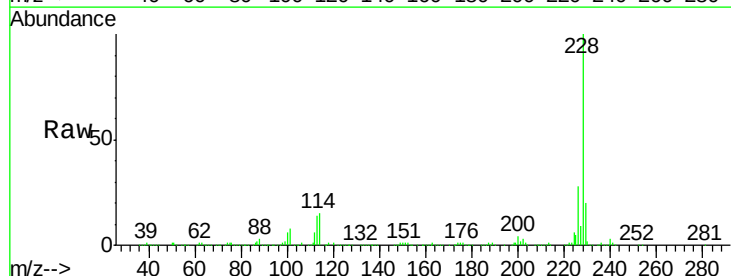
Instrument :
BNA_F
ClientSampleId :
ICVBF022218

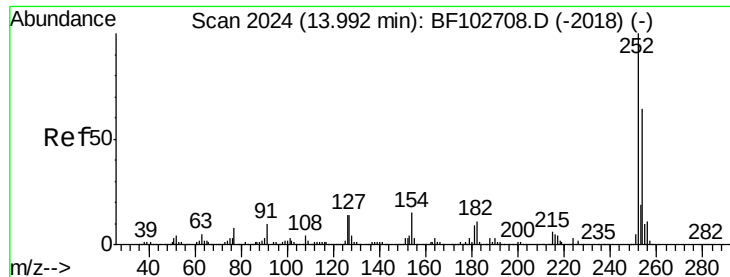
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.3	56.8	85.2
206	17.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.985 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.9	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 39.715 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

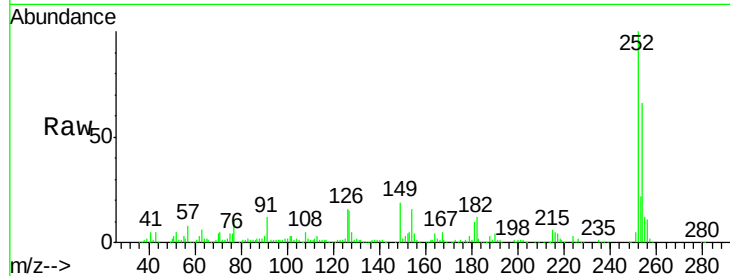
Tot Ion:252 Resp: 332707

Ion Ratio Lower Upper

252 100

254 65.6 50.4 75.6

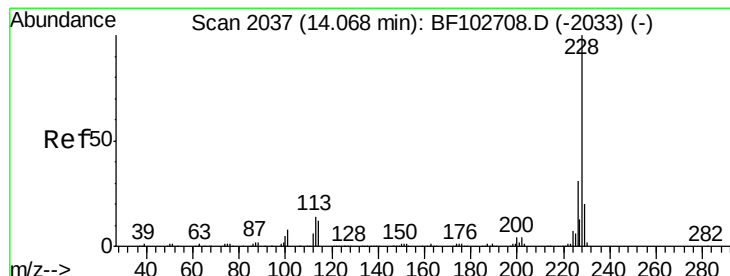
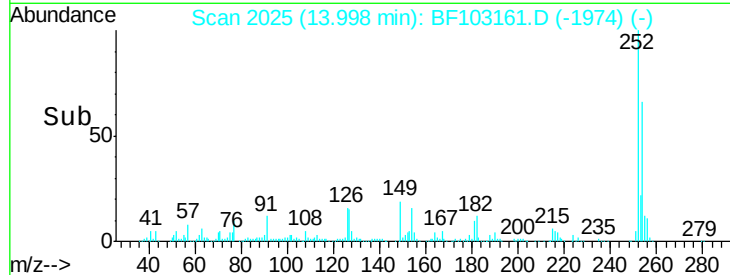
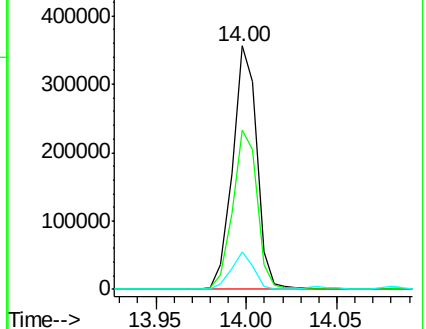
126 15.7 11.3 16.9



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



#82

Chrysene

Concen: 41.063 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

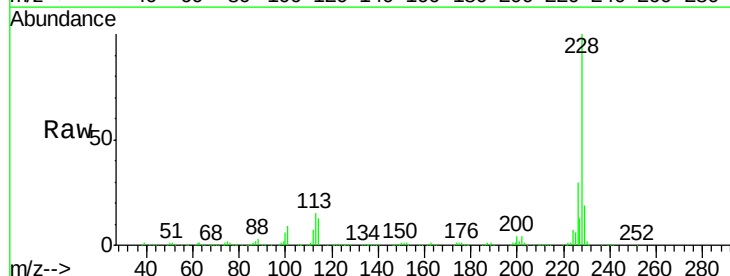
Tgt Ion:228 Resp: 935949

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

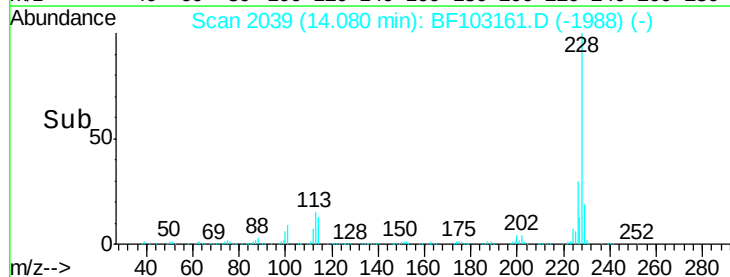
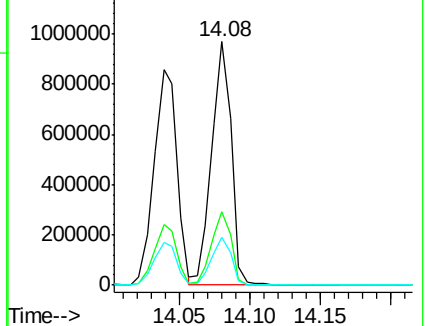
229 19.4 16.2 24.4

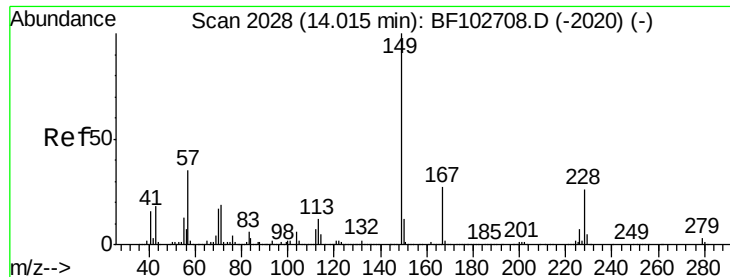


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

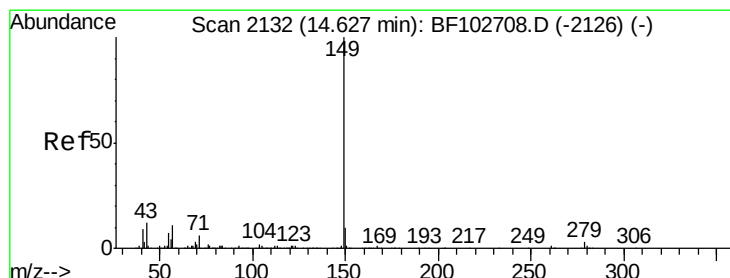
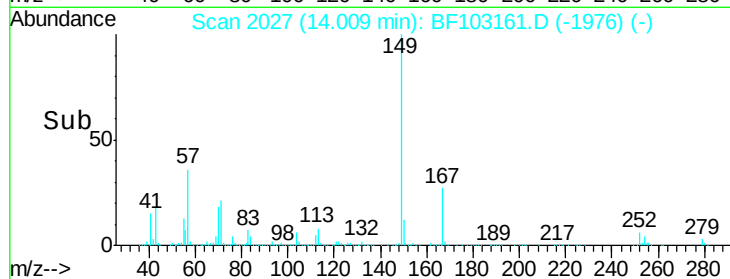
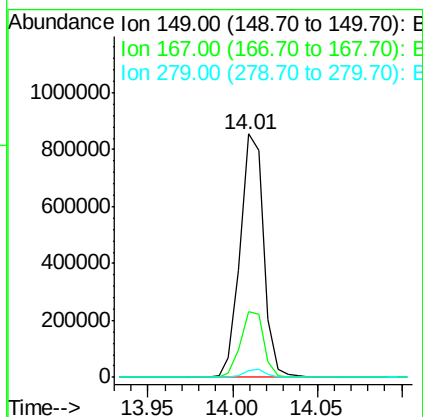
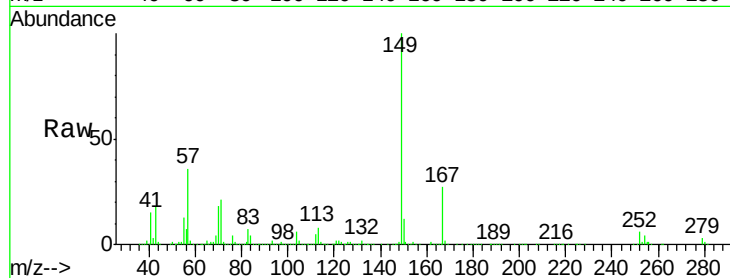




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.292 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

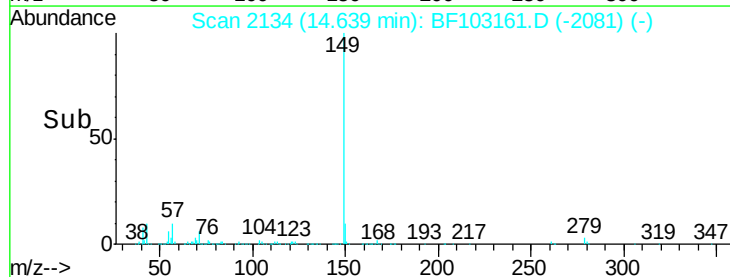
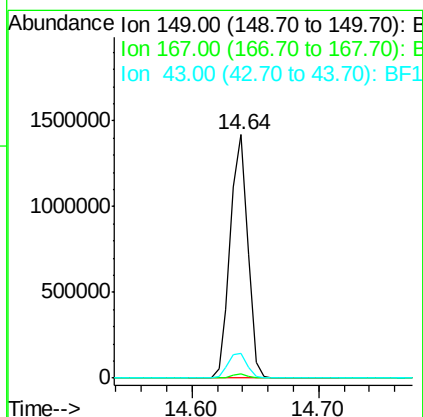
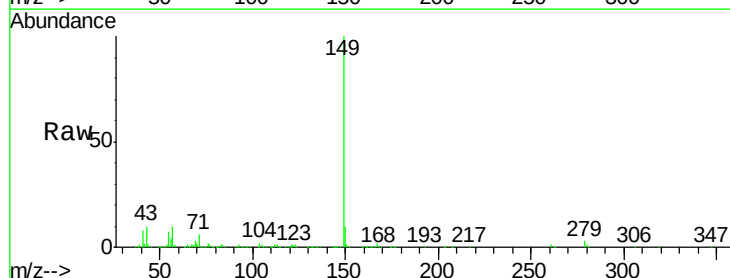
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

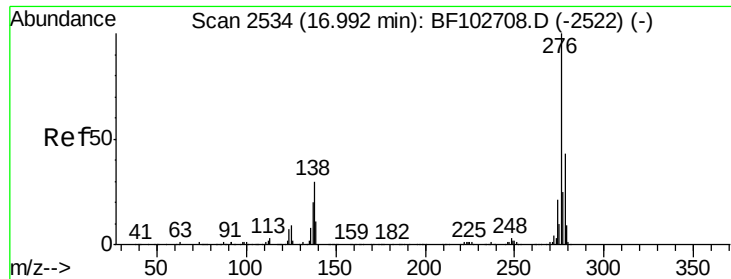
Tot Ion:149 Resp: 830423
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 41.515 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.01 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion:149 Resp: 1348957
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.0 8.4 12.6

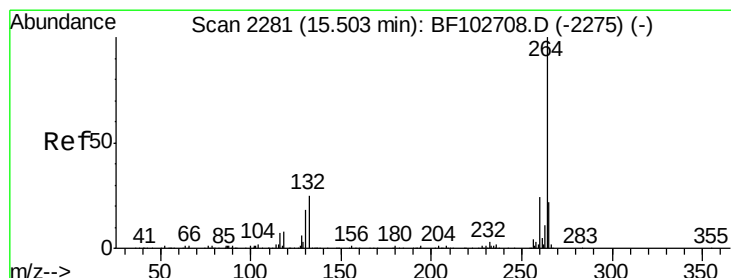
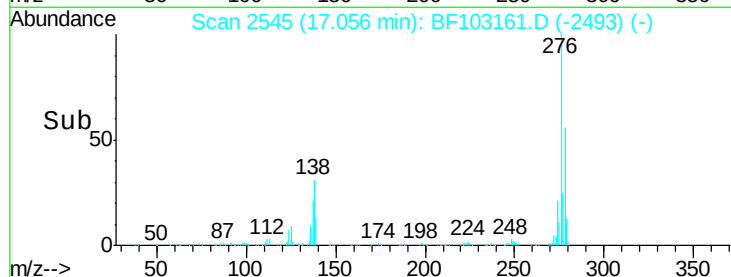
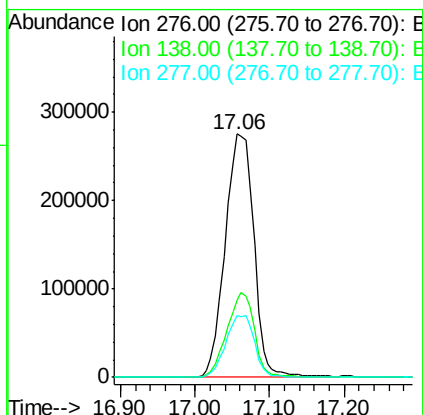
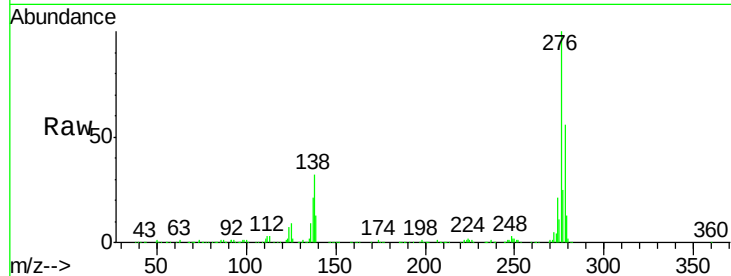




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.976 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

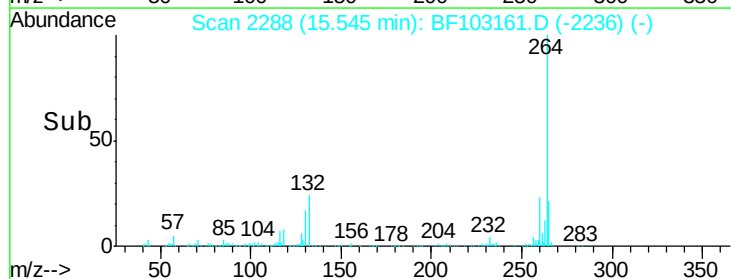
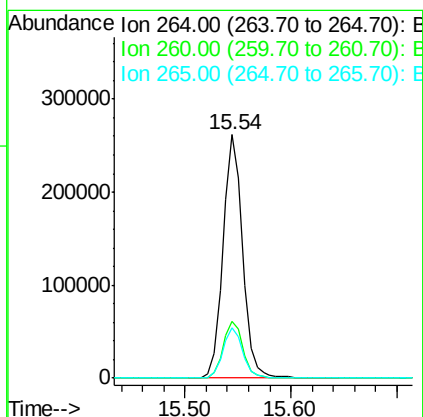
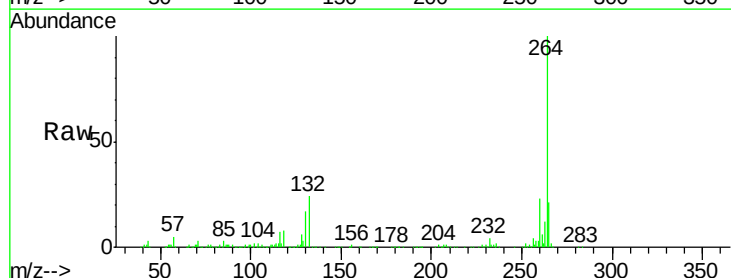
Instrument :
BNA_F
ClientSampleId :
ICVBF022218

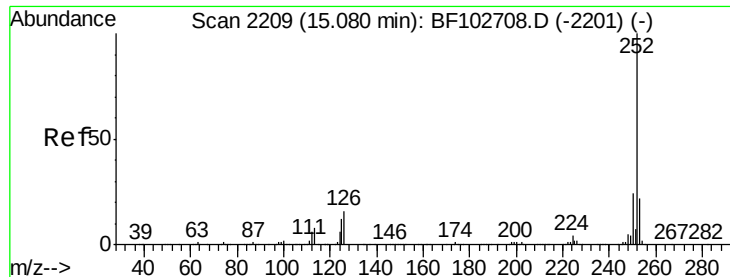
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.0	37.6
277	25.4	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.8	17.5	26.3

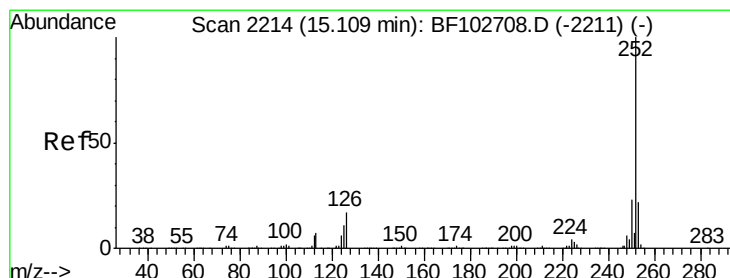
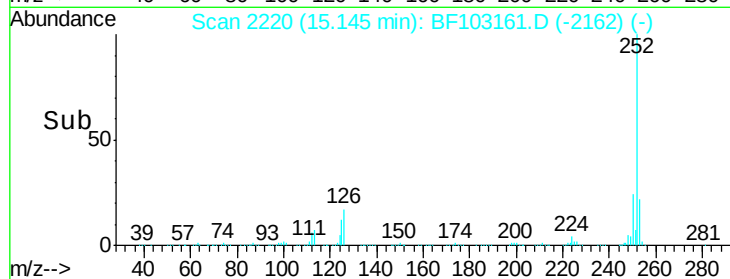
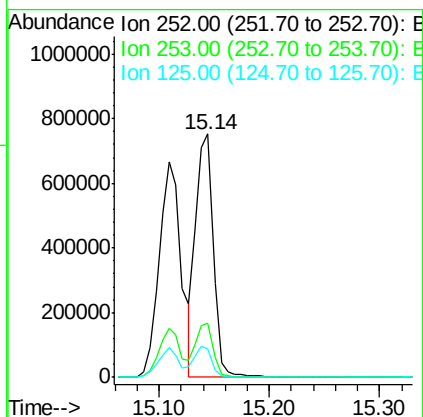
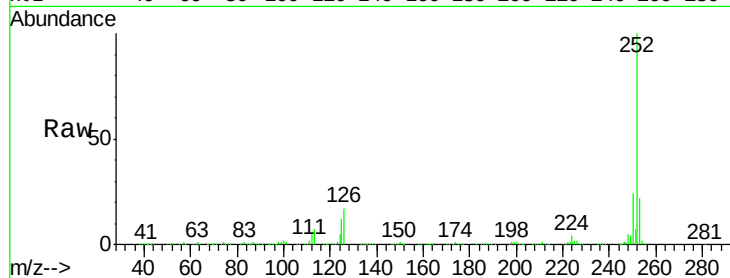




#87
Benzo(b)fluoranthene
Concen: 36.715 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.04 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

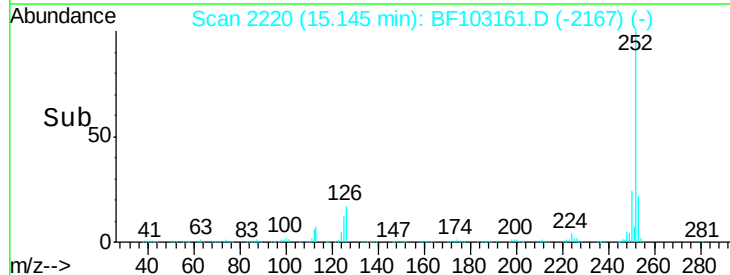
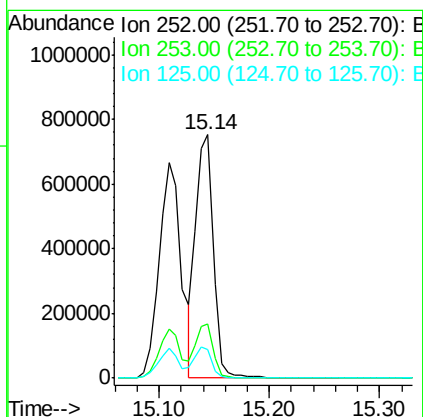
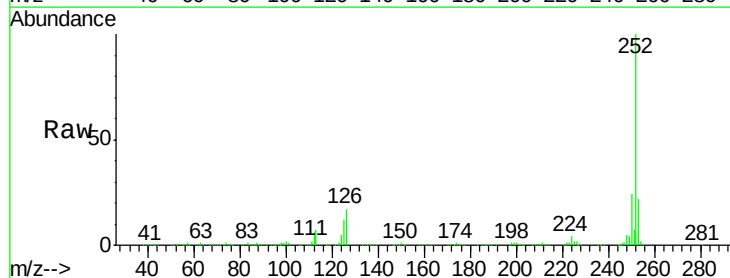
Instrument :
BNA_F
ClientSampleId :
ICVBF022218

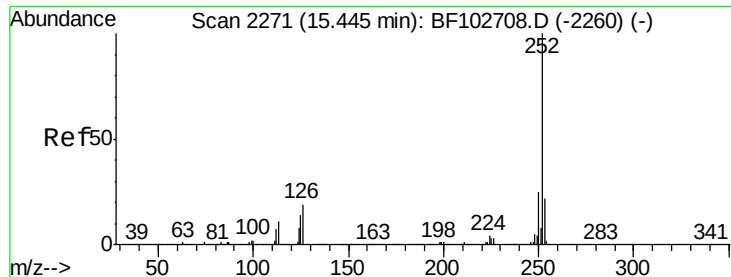
Tot Ion:252 Resp: 815051
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.990 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion:252 Resp: 815051
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.040 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

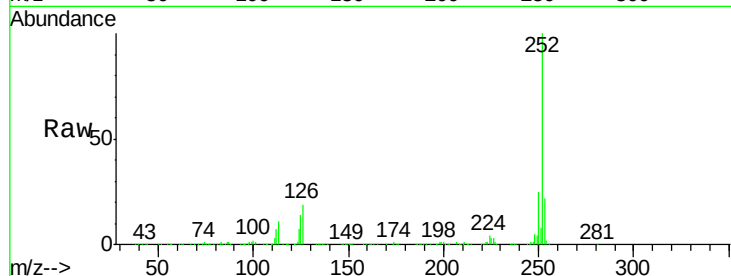
Tot Ion:252 Resp: 813574

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

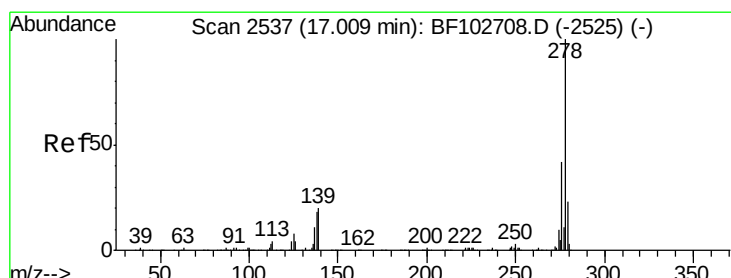
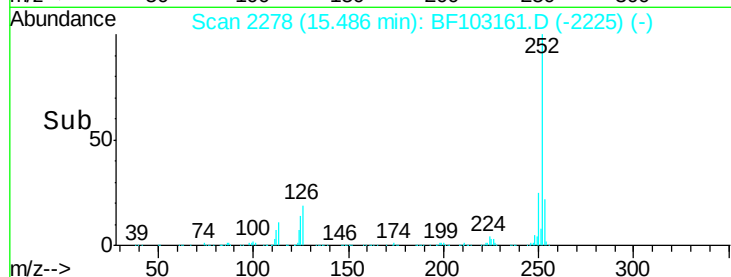
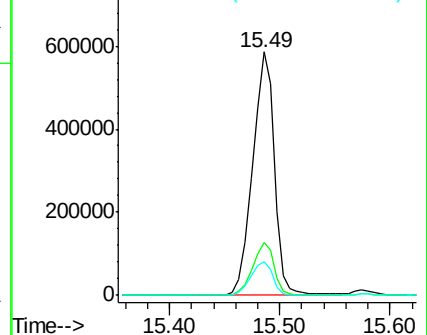
125 13.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.752 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

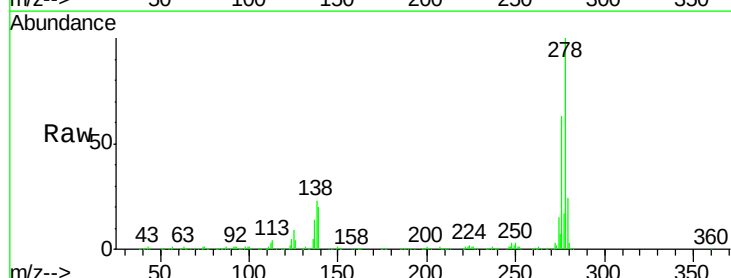
Tgt Ion:278 Resp: 624251

Ion Ratio Lower Upper

278 100

139 20.3 15.9 23.9

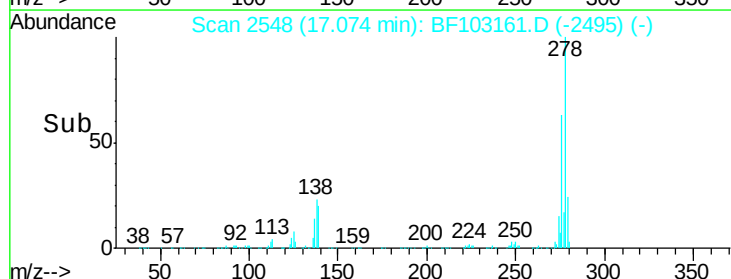
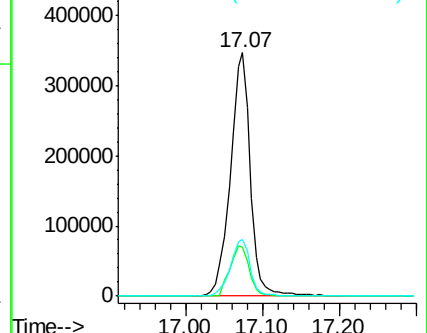
279 23.5 19.0 28.4

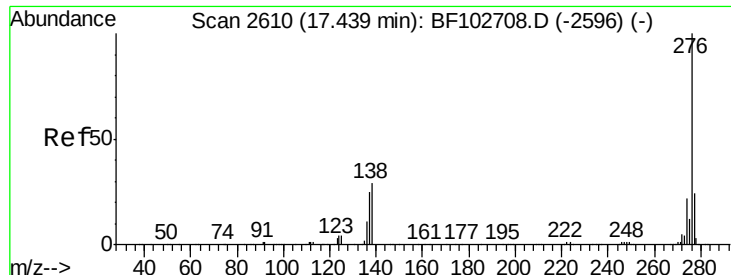


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.244 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

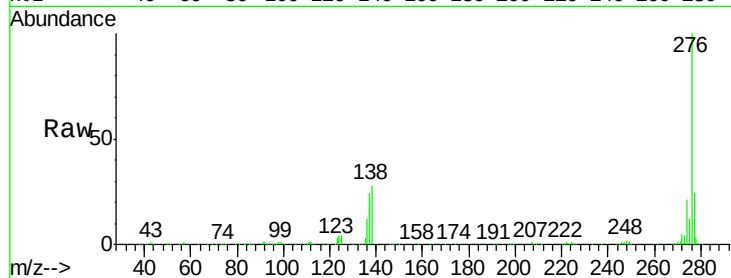
Tot Ion:276 Resp: 602499

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 28.3 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

