

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103176.D
 Acq On : 22 Feb 2018 21:28
 Operator : SJ/JU
 Sample : J1635-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Quant Time: Feb 23 02:14:17 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	164214	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	690461	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	269299	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	351317	20.00	ng	0.00
75) Chrysene-d12	14.05	240	272145	20.00	ng	0.00
86) Perylene-d12	15.54	264	259870	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1106579	101.92	ng	0.02
7) Phenol-d6	6.51	99	1340742	100.91	ng	0.00
23) Nitrobenzene-d5	7.44	82	863885	71.45	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	195375	85.71	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1250000	78.51	ng	0.00
78) Terphenyl-d14	12.99	244	756288	66.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	186121	32.456	ng	92
3) Pyridine	3.49	79	453590	29.628	ng	96
4) n-Nitrosodimethylamine	3.42	42	244012	39.520	ng	97
6) Aniline	6.54	93	418040	21.802	ng	97
8) 2-Chlorophenol	6.66	128	415703	36.856	ng	97
9) Benzaldehyde	6.43	77	259477	29.865	ng	96
10) Phenol	6.52	94	537640	34.858	ng	92
11) bis(2-Chloroethyl)ether	6.61	93	431222	36.837	ng	92
12) 1,3-Dichlorobenzene	6.82	146	438997	34.058	ng	99
13) 1,4-Dichlorobenzene	6.89	146	441052	34.129	ng	99
14) 1,2-Dichlorobenzene	7.05	146	407219	34.174	ng	98
15) Benzyl Alcohol	7.02	79	355097	35.469	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	718388	35.738	ng	99
17) 2-Methylphenol	7.13	107	358665	34.991	ng	97
18) Hexachloroethane	7.38	117	139074	29.562	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	281567	34.052	ng	97
20) 3+4-Methylphenols	7.28	107	410515	32.855	ng	# 69
22) Acetophenone	7.28	105	542607	33.668	ng	# 88
24) Nitrobenzene	7.46	77	464505	34.895	ng	99
25) Isophorone	7.69	82	851349	35.753	ng	97
26) 2-Nitrophenol	7.77	139	218915	34.934	ng	98
27) 2,4-Dimethylphenol	7.81	122	365377	38.145	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	538622	38.473	ng	99
29) 2,4-Dichlorophenol	8.02	162	334324	36.456	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	332110	34.008	ng	99
31) Naphthalene	8.18	128	1153529	34.124	ng	100
32) Benzoic acid	7.88	122	16369	8.885	ng	98
33) 4-Chloroaniline	8.23	127	213408	14.630	ng	99
34) Hexachlorobutadiene	8.29	225	165935	32.629	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	360183	34.821	ng	99
37) 2-Methylnaphthalene	8.87	142	737382	33.753	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	279243	37.930	ng	99
40) Hexachlorocyclopentadiene	9.02	237	18917	15.362	ng	100
42) 2,4,6-Trichlorophenol	9.15	196	196637	39.694	ng	99

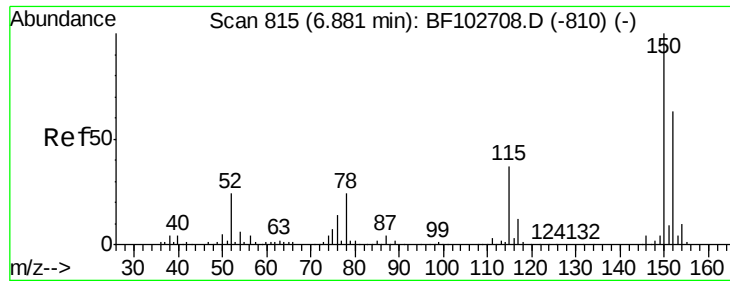
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	200001	35.103	nq	99
45) 1,1'-Biphenyl	9.33	154	833156	36.921	nq	98
46) 2-Chloronaphthalene	9.36	162	645963	36.183	nq	99
47) 2-Nitroaniline	9.46	65	249239	37.689	nq	90
48) Acenaphthylene	9.77	152	950025	34.586	nq	99
49) Dimethylphthalate	9.63	163	866752	40.121	nq	100
50) 2,6-Dinitrotoluene	9.70	165	160202	35.337	nq	97
51) Acenaphthene	9.95	154	537879	33.582	nq	97
52) 3-Nitroaniline	9.87	138	160094	27.833	nq	98
53) 2,4-Dinitrophenol	9.98	184	8310	14.085	nq	# 17
54) Dibenzofuran	10.12	168	795004	36.158	nq	97
55) 4-Nitrophenol	10.03	139	203651	57.127	nq	91
56) 2,4-Dinitrotoluene	10.10	165	191091	33.327	nq	98
57) Fluorene	10.46	166	582149	31.081	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	123921	32.377	nq	95
59) Diethylphthalate	10.33	149	725817	35.128	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	273016	34.373	nq	97
61) 4-Nitroaniline	10.48	138	158455	27.581	nq	96
62) Azobenzene	10.61	77	687870	32.706	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	13668	10.681	nq	94
65) n-Nitrosodiphenylamine	10.57	169	533715	43.631	nq	98
66) 4-Bromophenyl-phenylether	10.94	248	151969	41.525	nq	97
67) Hexachlorobenzene	11.01	284	147562	37.149	nq	98
68) Atrazine	11.09	200	147288	40.060	nq	98
69) Pentachlorophenol	11.21	266	122779	63.926	nq	98
70) Phenanthrene	11.43	178	690747	35.727	nq	99
71) Anthracene	11.48	178	708058	35.714	nq	100
72) Carbazole	11.63	167	659638	33.411	nq	99
73) Di-n-butylphthalate	11.95	149	936923	37.925	nq	100
74) Fluoranthene	12.62	202	640370	32.960	nq	98
76) Benzidine	12.74	184	341669	33.582	nq	97
77) Pyrene	12.84	202	641966	30.256	nq	100
79) Butylbenzylphthalate	13.46	149	345252	30.798	nq	97
80) Benzo(a)anthracene	14.04	228	626830	35.499	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	230830	36.630	nq	99
82) Chrysene	14.07	228	596226	34.775	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	481812	31.849	nq	99
84) Di-n-octyl phthalate	14.63	149	907297	37.120	nq	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	474737	34.975	nq	99
87) Benzo(b)fluoranthene	15.10	252	587731	34.398	nq	97
88) Benzo(k)fluoranthene	15.13	252	613190	38.111	nq	100
89) Benzo(a)pyrene	15.48	252	555480	36.406	nq	# 95
90) Dibenzo(a,h)anthracene	17.06	278	400321	33.954	nq	98
91) Benzo(g,h,i)perylene	17.51	276	370873	32.186	nq	96

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

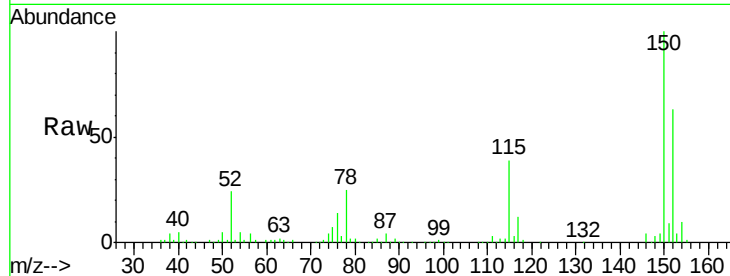


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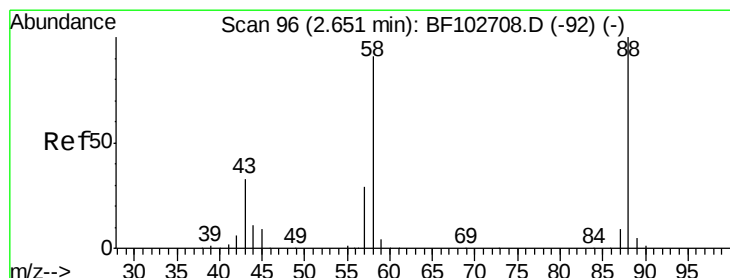
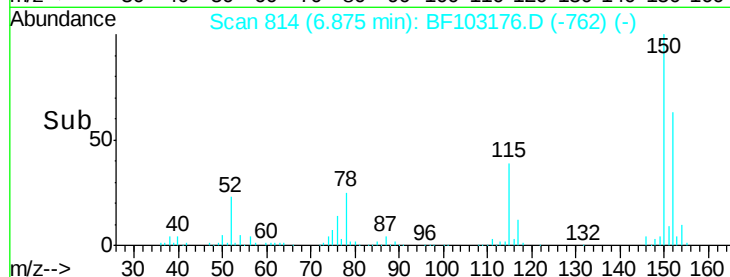
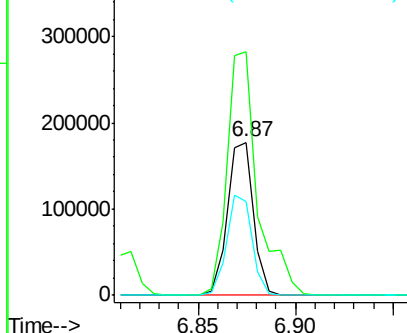
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion:152 Resp: 164214
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 61.4 50.1 75.1



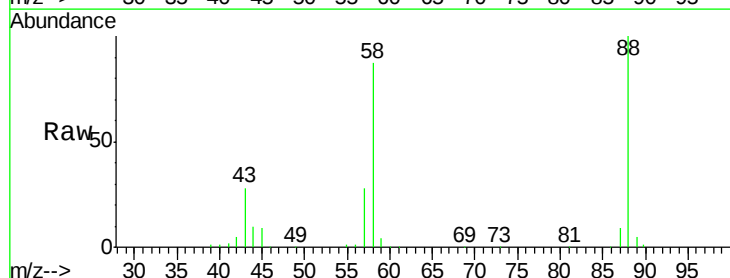
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



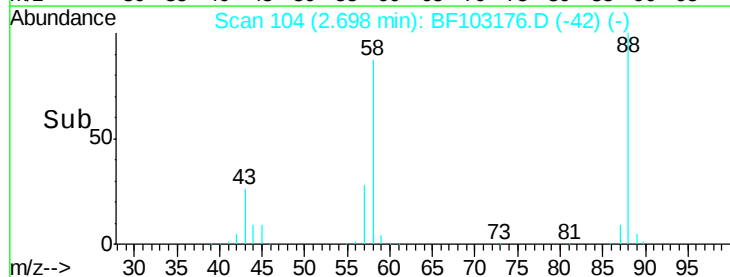
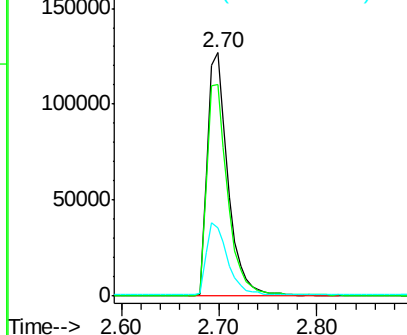
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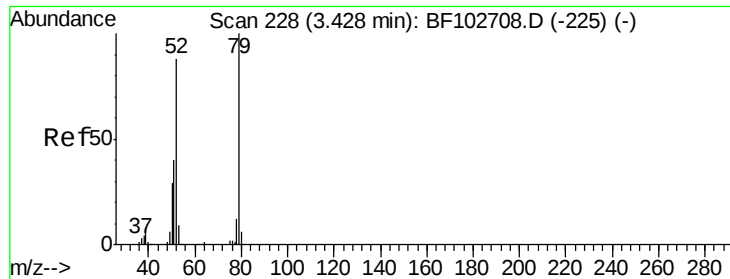
1,4-Dioxane
Concen: 32.456 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.06 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion: 88 Resp: 186121
Ion Ratio Lower Upper
88 100
58 88.0 62.6 93.8
43 30.0 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: 29.628 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.08 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

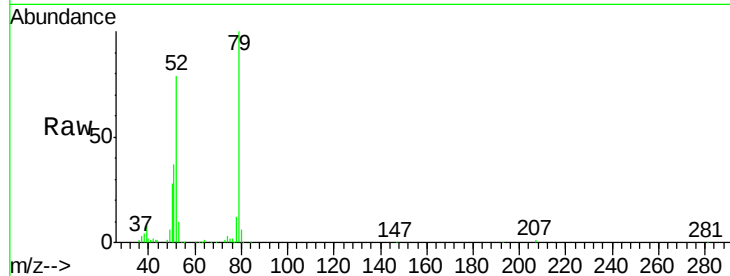
Tot Ion: 79 Resp: 453590

Ion Ratio Lower Upper

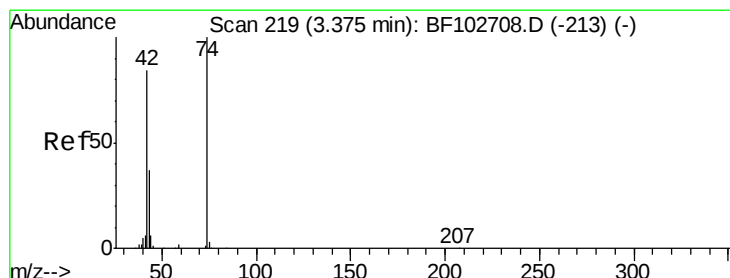
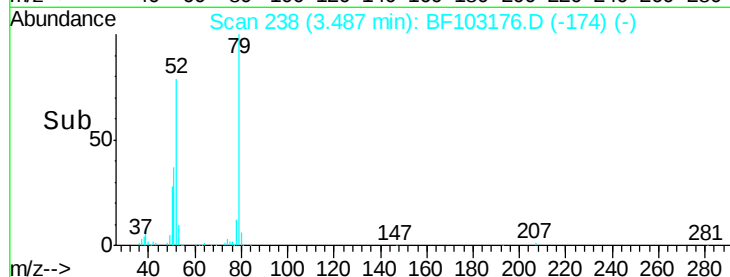
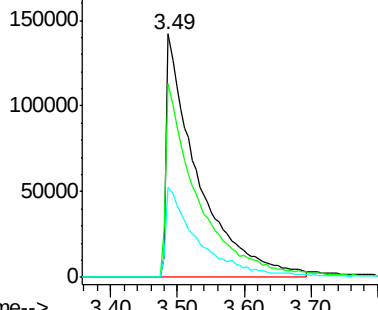
79 100

52 79.4 59.8 89.6

51 37.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.520 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

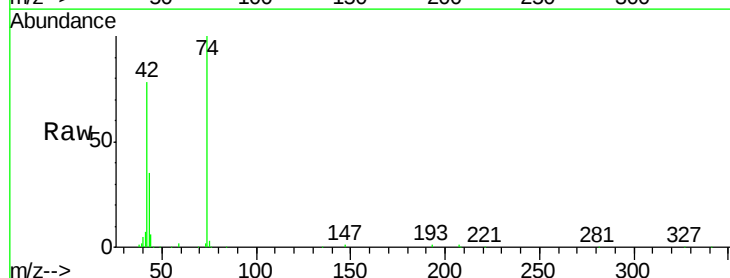
Tgt Ion: 42 Resp: 244012

Ion Ratio Lower Upper

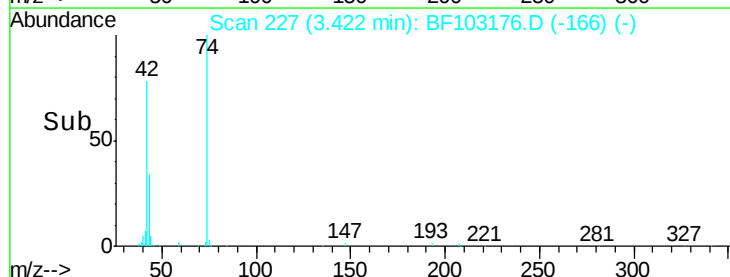
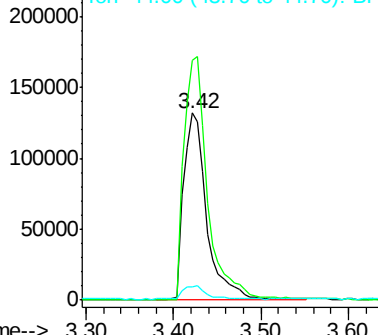
42 100

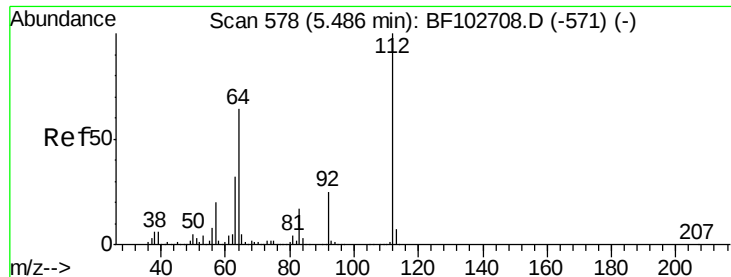
74 128.1 104.9 157.3

44 7.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.917 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

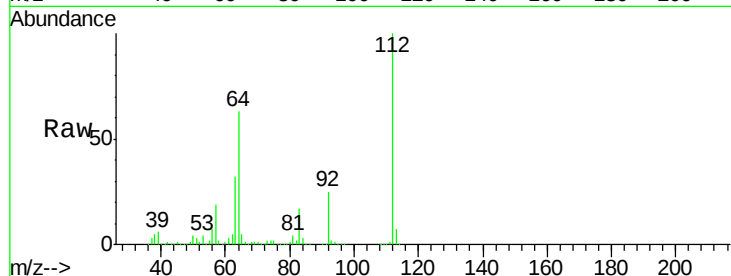
Tot Ion:112 Resp: 1106579

Ion Ratio Lower Upper

112 100

64 62.9 47.9 71.9

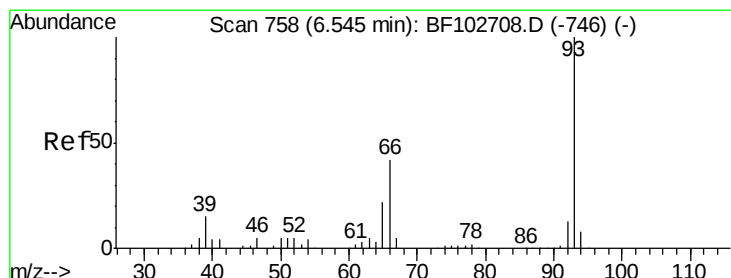
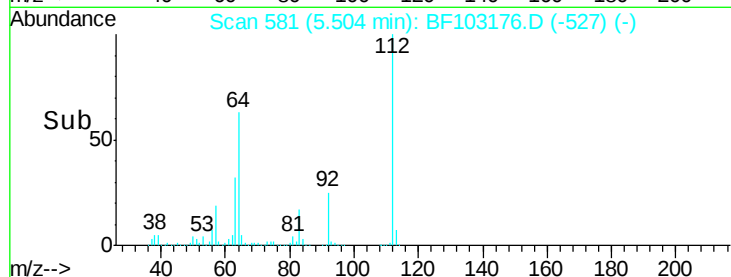
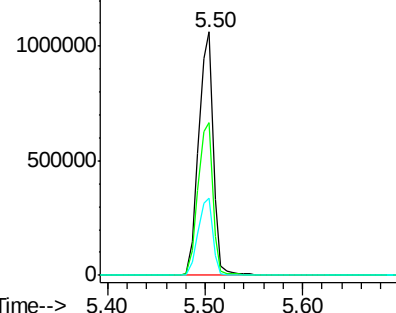
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.802 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

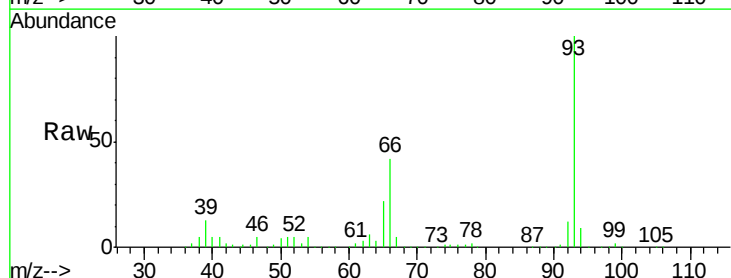
Tgt Ion: 93 Resp: 418040

Ion Ratio Lower Upper

93 100

66 42.1 32.2 48.2

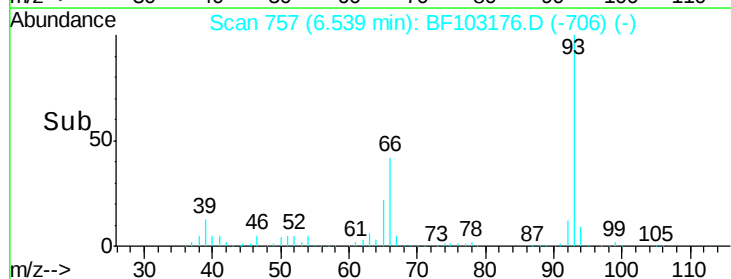
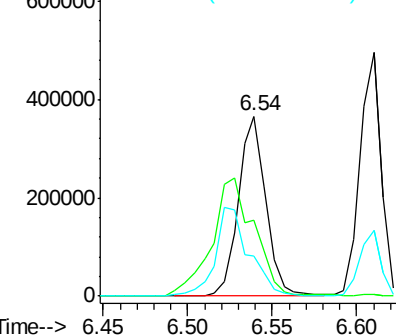
65 22.0 16.4 24.6

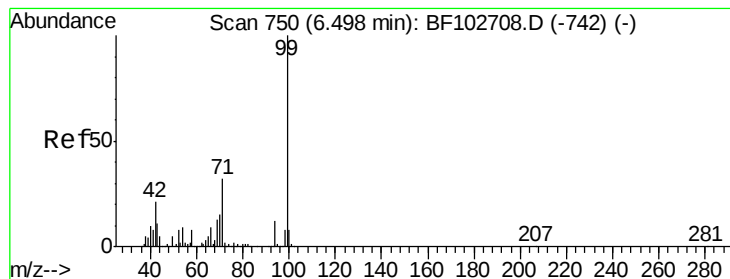


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.914 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103176.D

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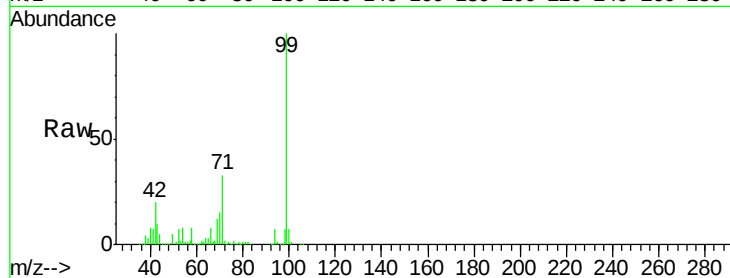
Tot Ion: 99 Resp: 1340742

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

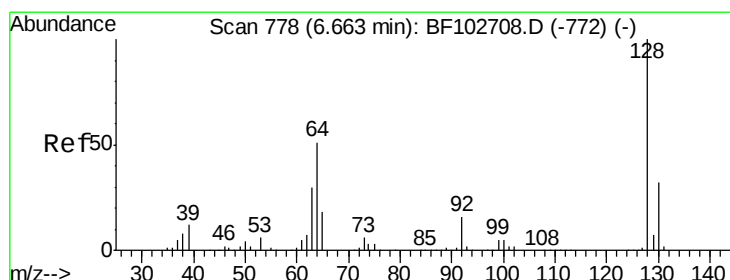
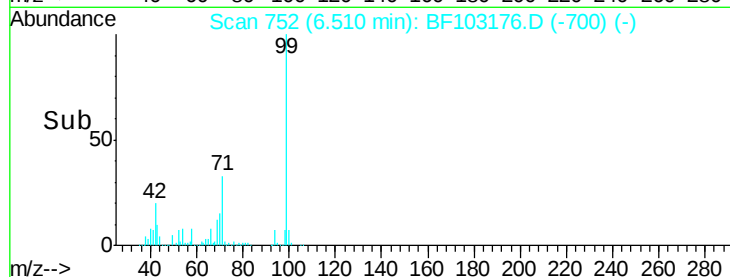
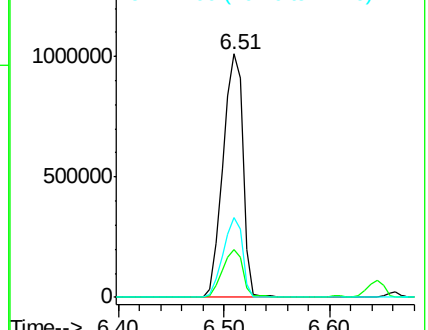
71 32.7 25.4 38.0



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: 36.856 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

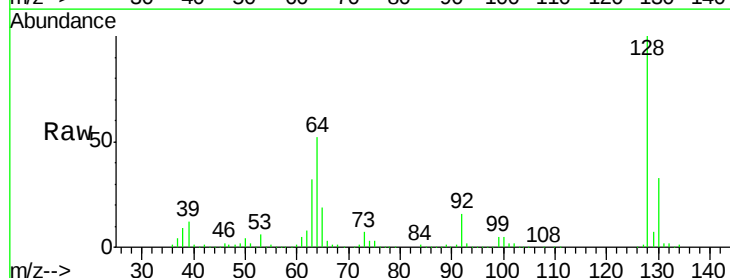
Tgt Ion: 128 Resp: 415703

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

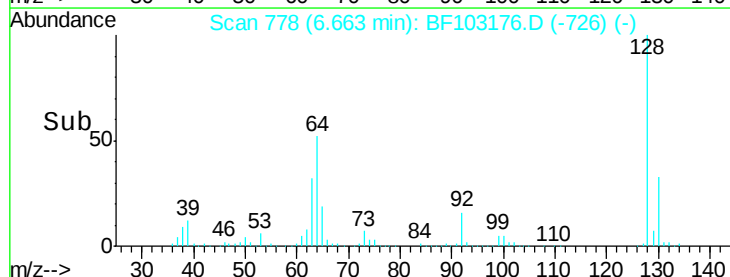
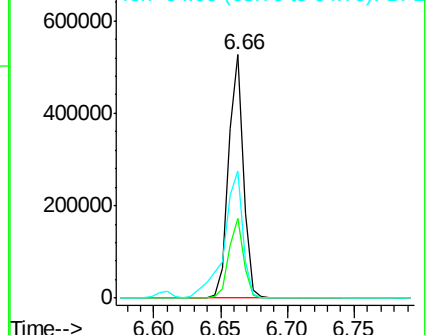
64 52.3 29.4 69.4

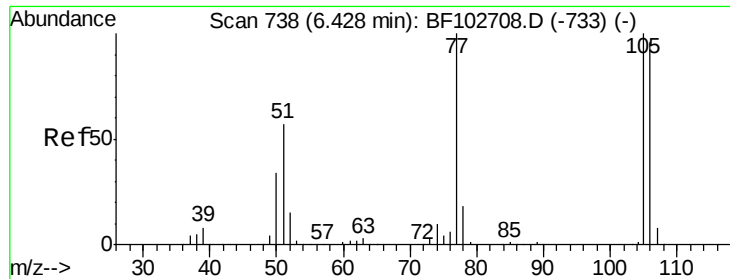


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

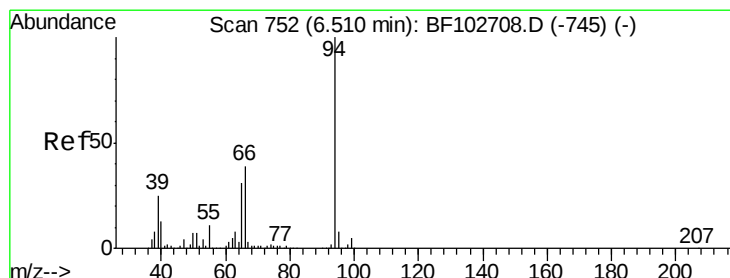
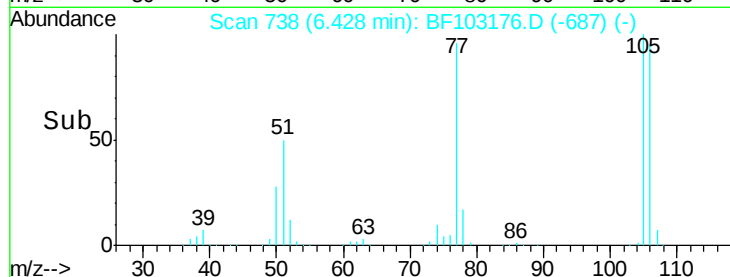
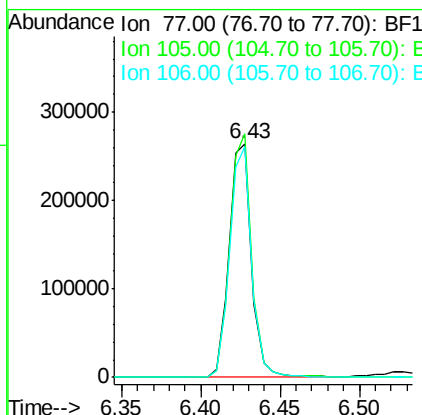
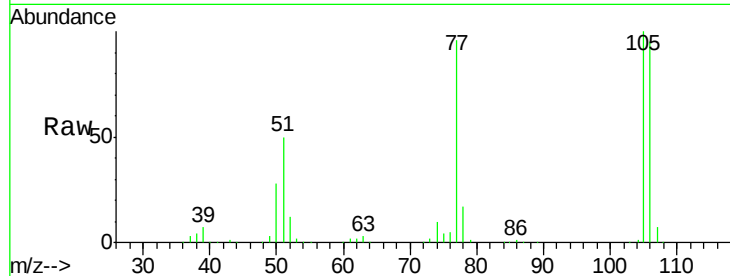




#9
Benzaldehyde
Concen: 29.865 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

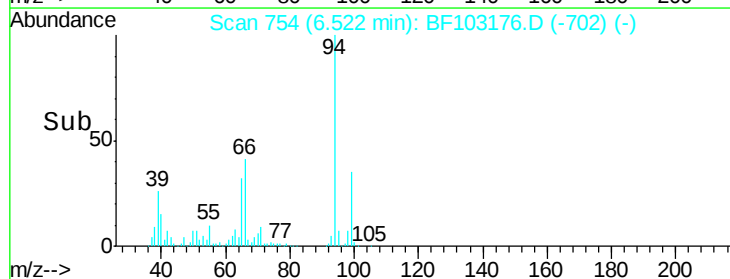
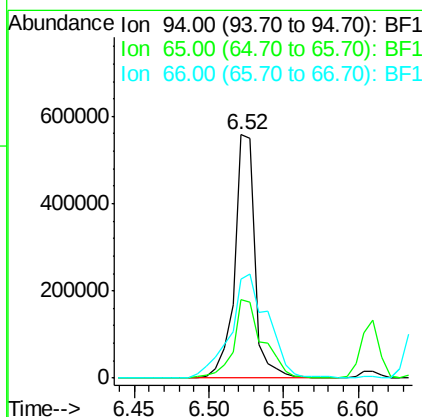
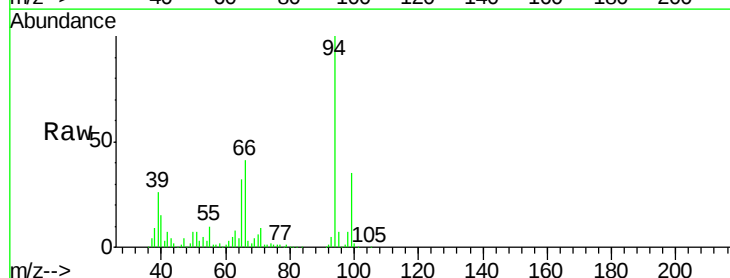
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BNA_F
ClientSampleId :
TP-1-3FTMS

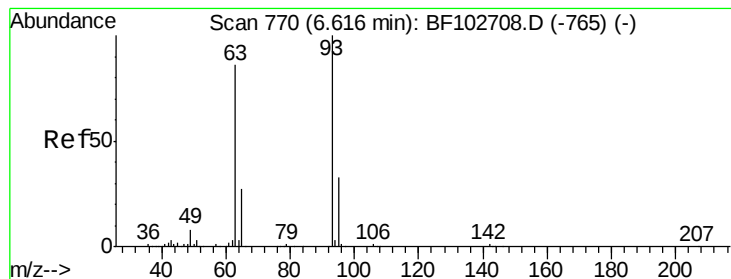
Tot Ion: 77 Resp: 259477
Ion Ratio Lower Upper
77 100
105 104.3 81.1 121.1
106 99.0 74.5 114.5



#10
Phenol
Concen: 34.858 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion: 94 Resp: 537640
Ion Ratio Lower Upper
94 100
65 32.1 7.9 47.9
66 40.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.837 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

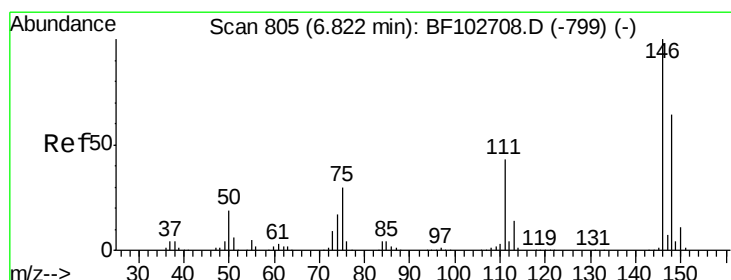
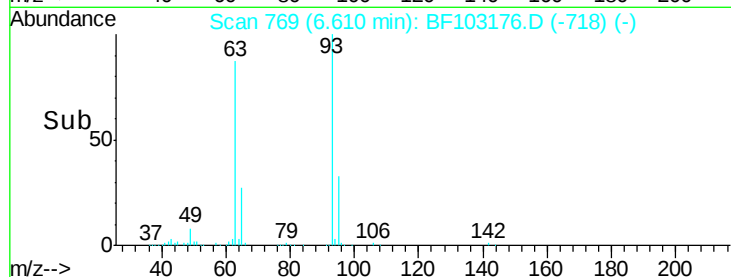
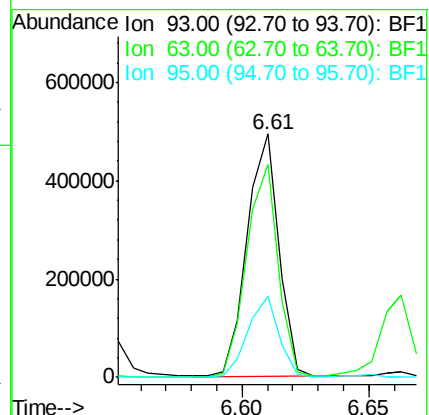
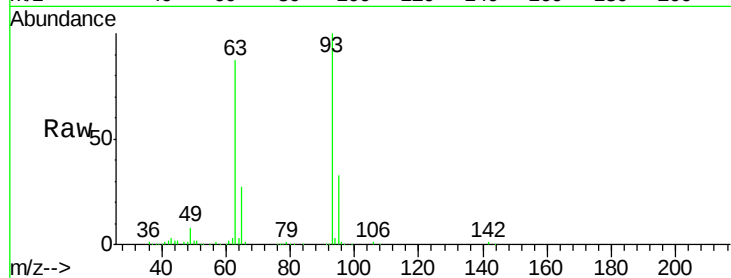
Tot Ion: 93 Resp: 431222

Ion Ratio Lower Upper

93 100

63 87.2 58.6 98.6

95 33.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.058 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

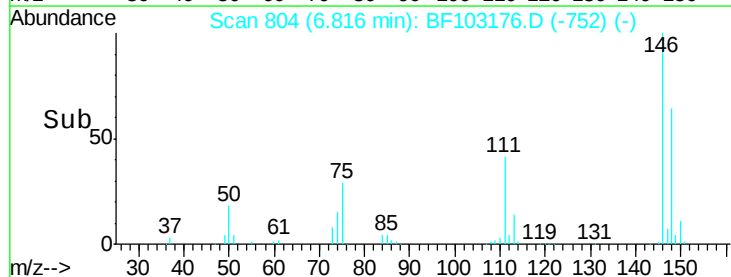
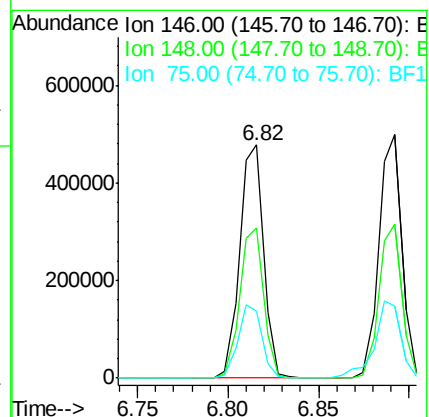
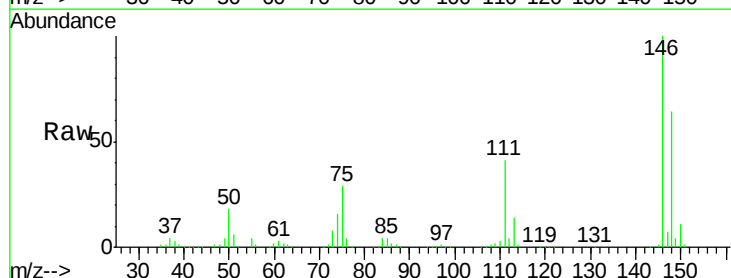
Tgt Ion: 146 Resp: 438997

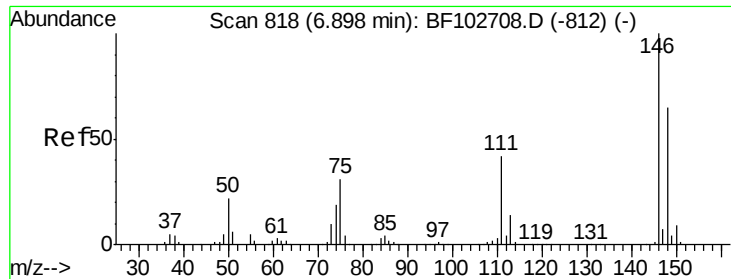
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 28.9 24.2 36.4

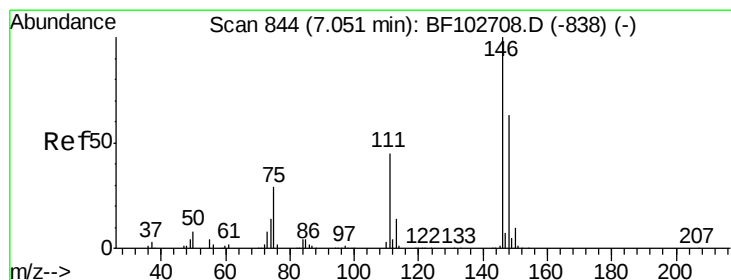
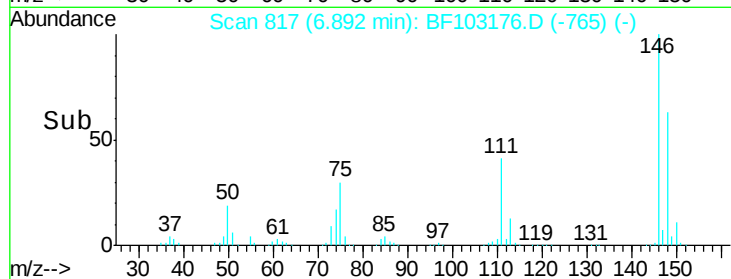
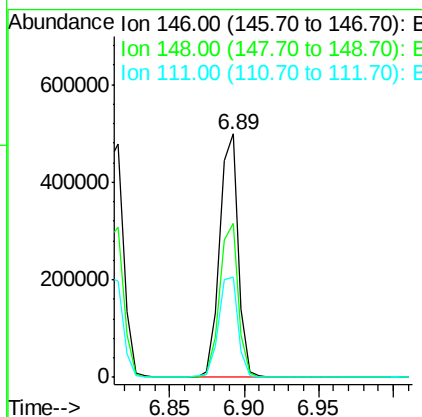
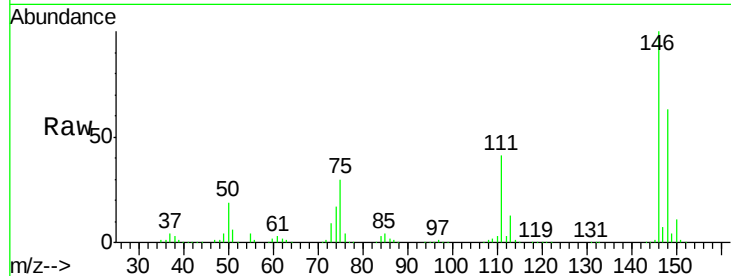




#13
 1,4-Dichlorobenzene
 Concen: 34.129 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

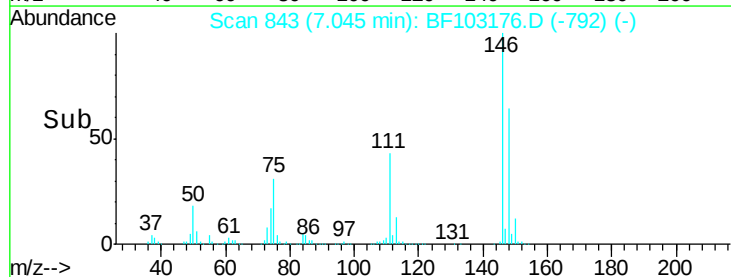
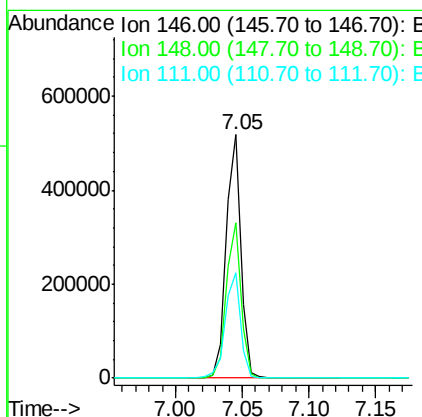
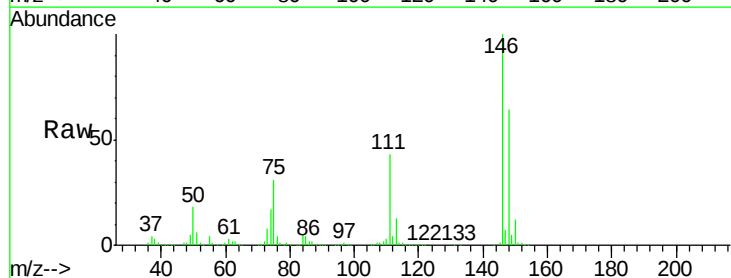
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

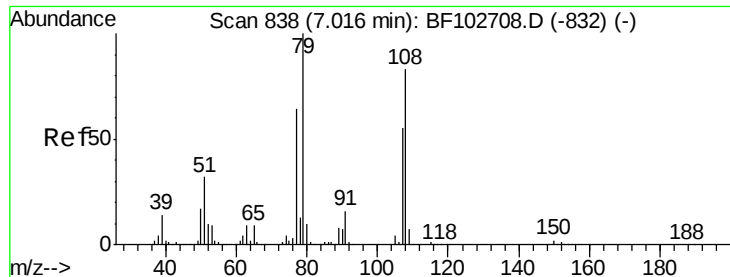
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	41.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.174 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	43.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.469 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

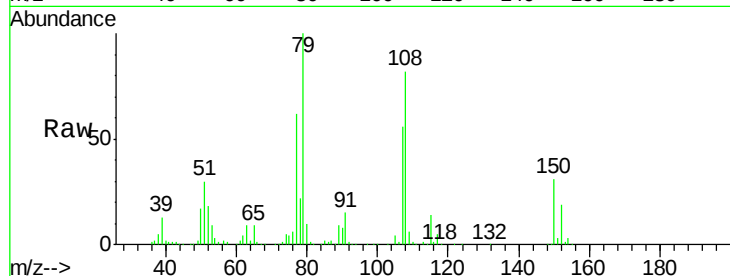
Tot Ion: 79 Resp: 355097

Ion Ratio Lower Upper

79 100

108 82.3 65.1 97.7

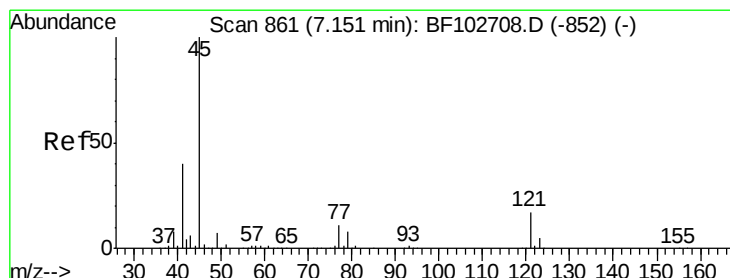
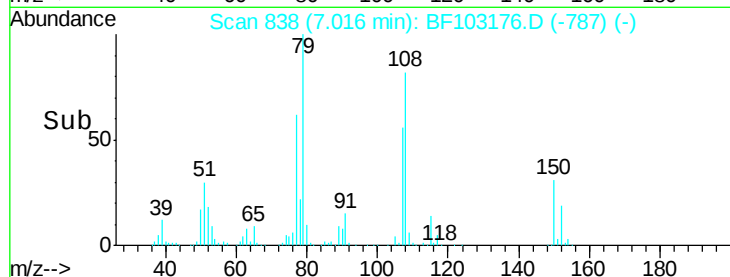
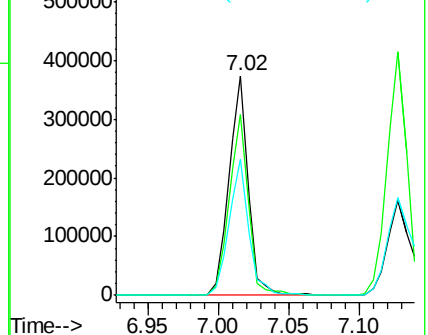
77 61.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.738 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

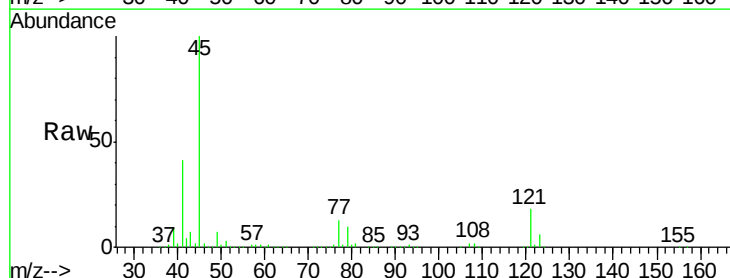
Tgt Ion: 45 Resp: 718388

Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.9

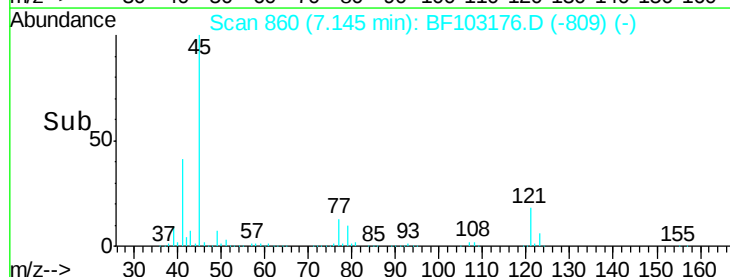
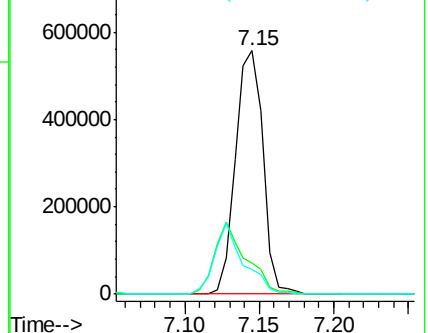
79 10.0 0.0 29.6

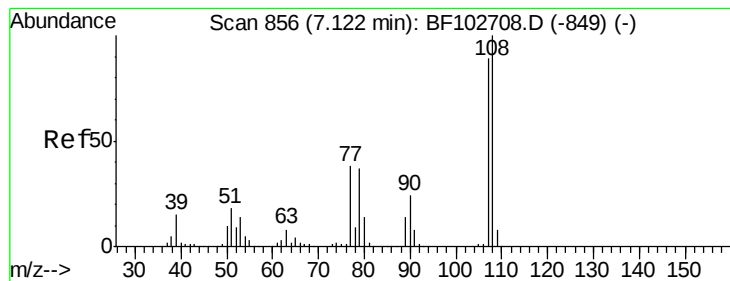


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

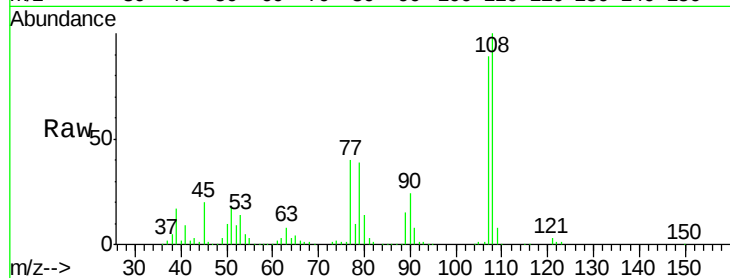




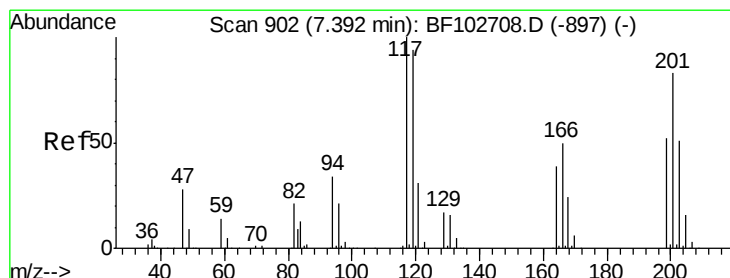
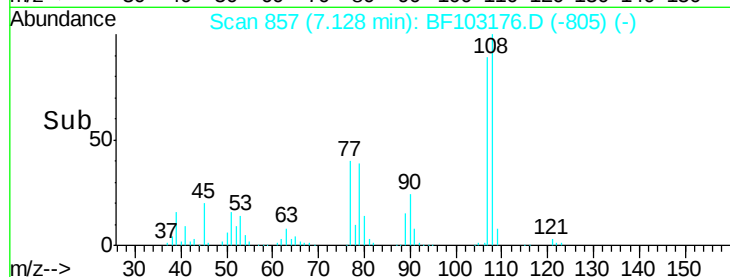
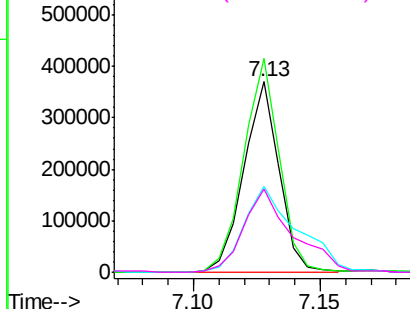
#17
2-Methylphenol
Concen: 34.991 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion:107 Resp: 358665
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 44.9 33.8 50.8
79 43.5 33.8 50.8

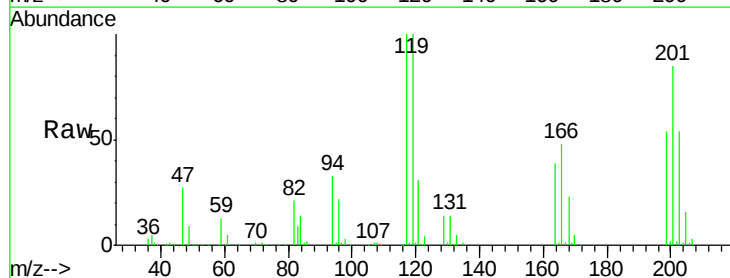


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

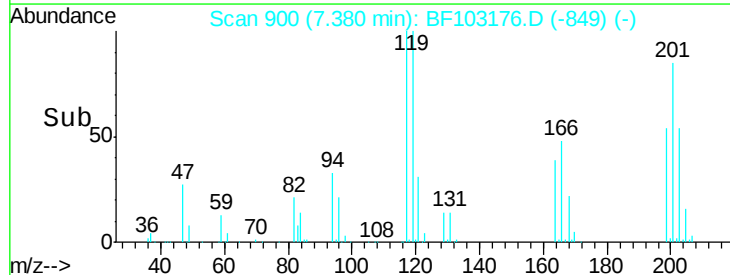
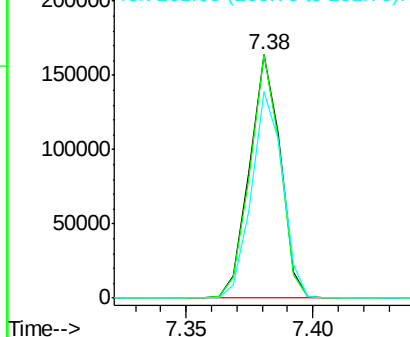


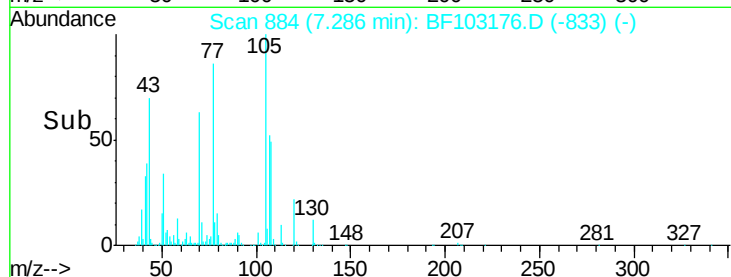
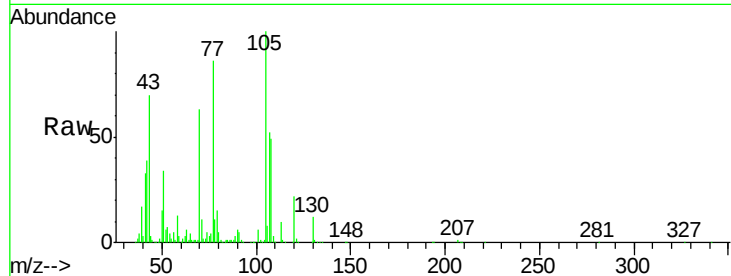
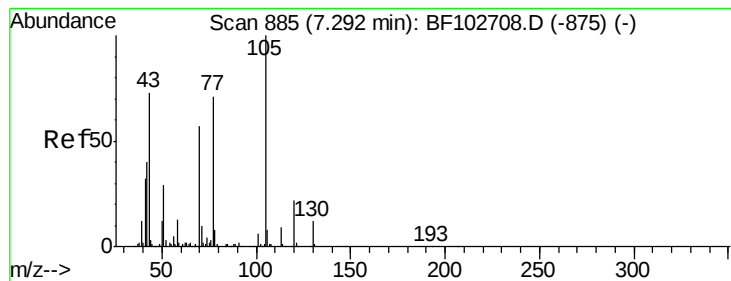
#18
Hexachloroethane
Concen: 29.562 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:117 Resp: 139074
Ion Ratio Lower Upper
117 100
119 99.9 75.8 113.8
201 84.9 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: 34.052 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

Tot Ion: 70 Resp: 281567

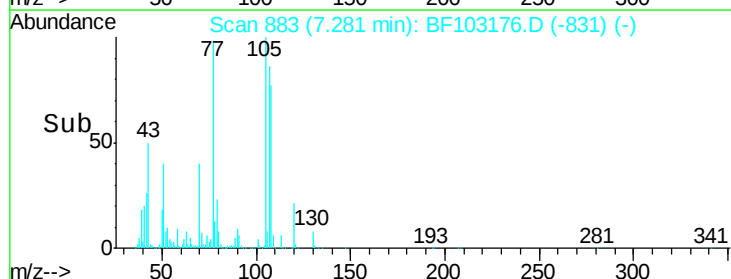
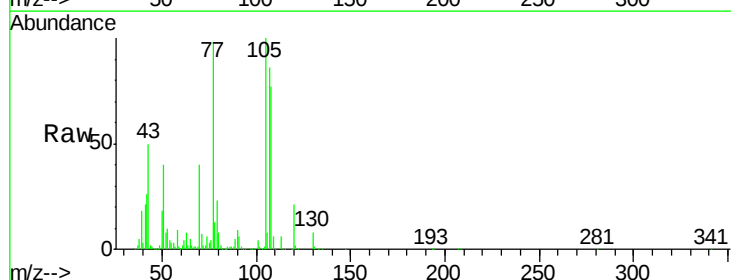
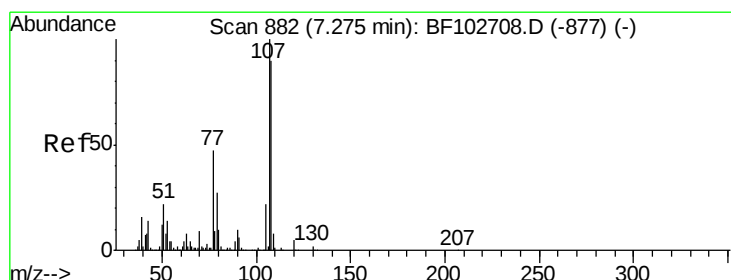
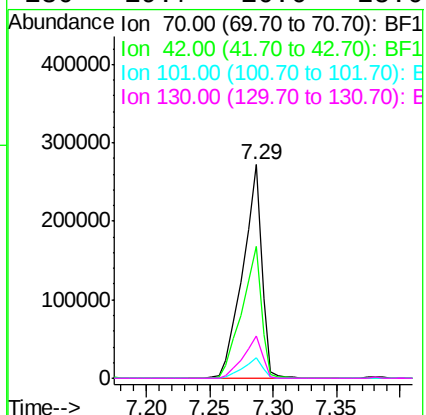
Ion Ratio Lower Upper

70 100

42 61.6 47.5 71.3

101 9.5 7.4 11.2

130 19.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 32.855 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion: 107 Resp: 410515

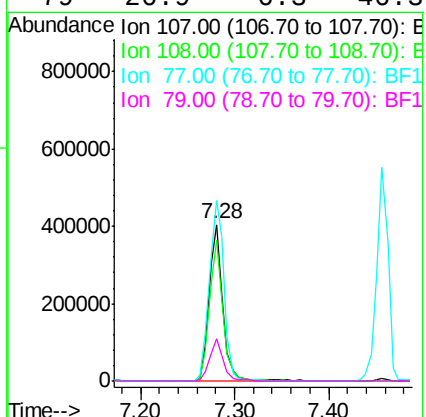
Ion Ratio Lower Upper

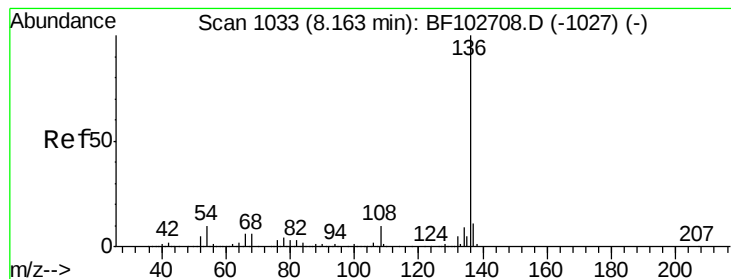
107 100

108 90.0 68.2 108.2

77 115.1 26.7 66.7#

79 26.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

Tot Ion:136 Resp: 690461

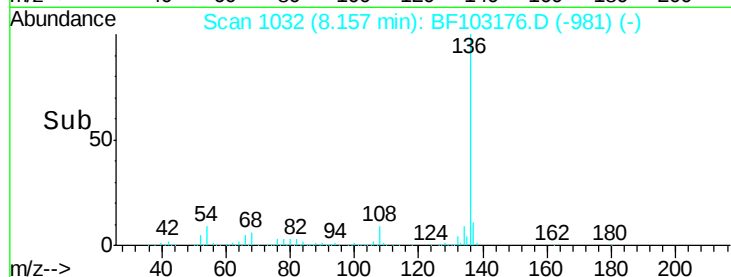
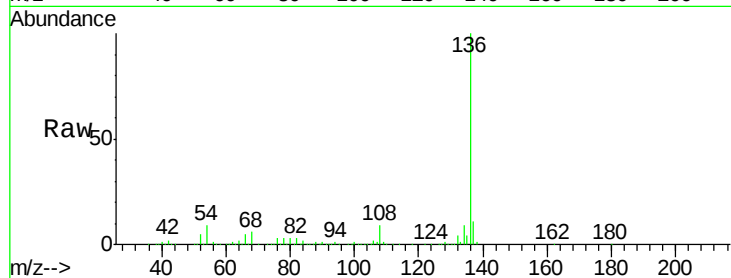
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 6.3 5.0 7.4

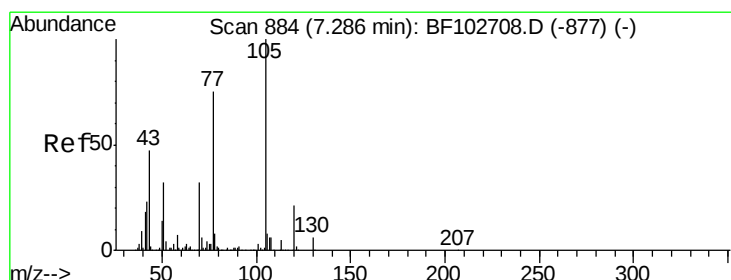
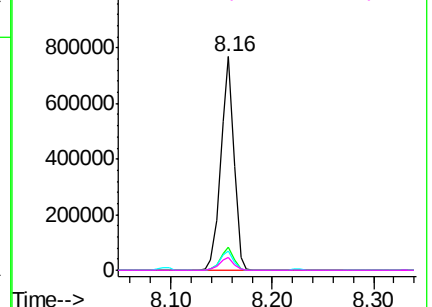


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.668 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:105 Resp: 542607

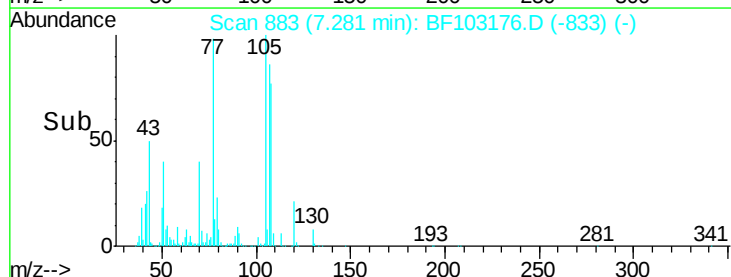
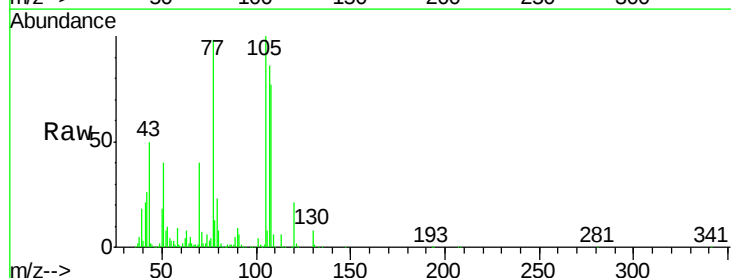
Ion Ratio Lower Upper

105 100

71 6.9 4.4 6.6#

51 39.7 22.3 33.5#

120 20.9 16.9 25.3

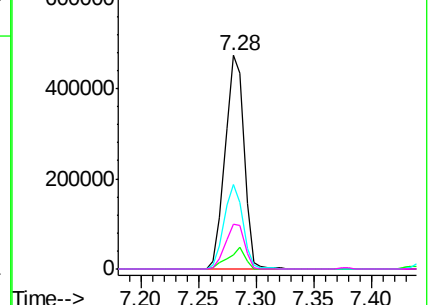


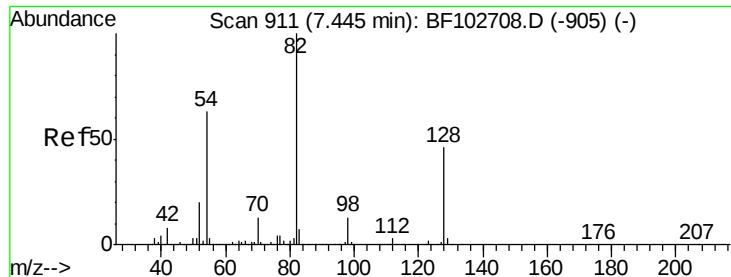
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

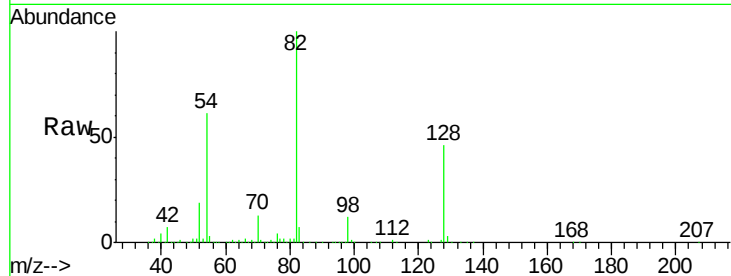




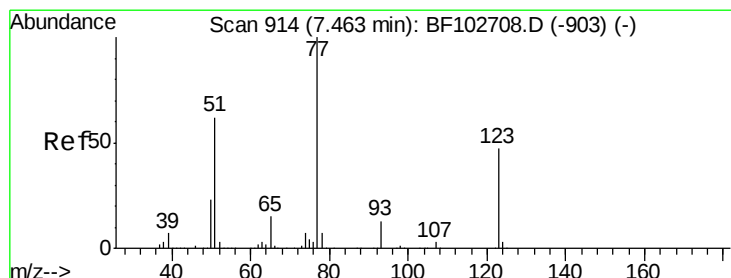
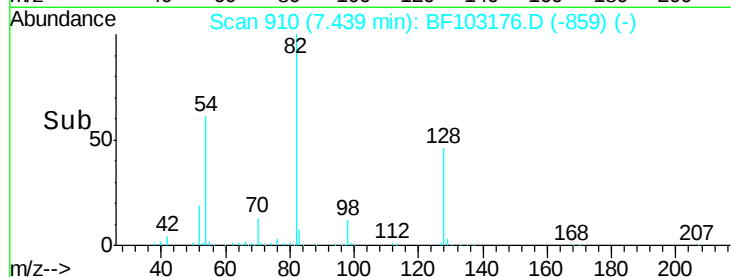
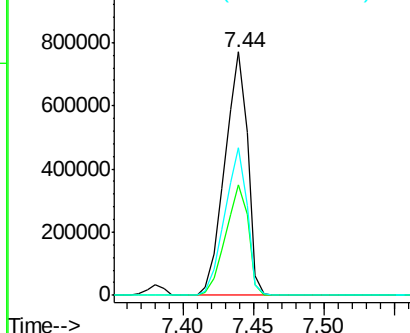
#23
 Nitrobenzene-d5
 Concen: 71.452 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Tot Ion: 82 Resp: 863885
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 60.8 41.4 62.2

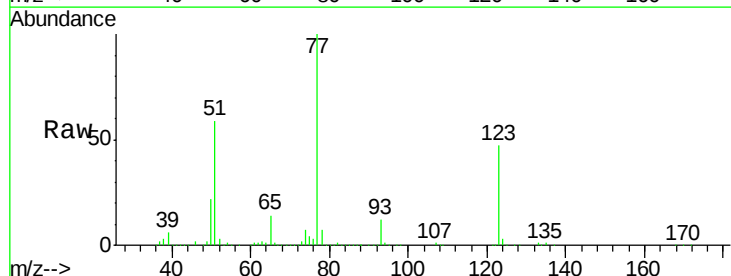


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

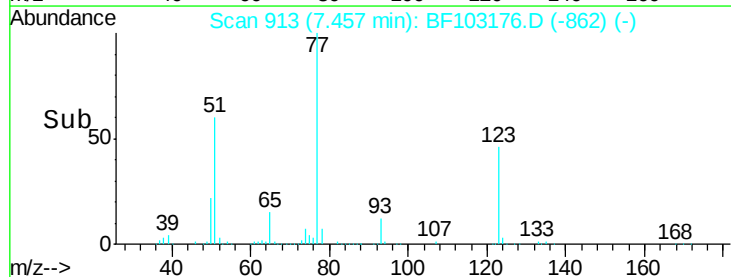
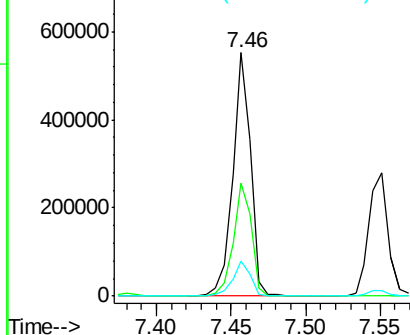


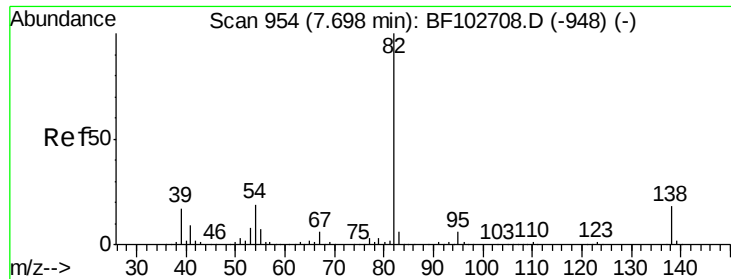
#24
 Nitrobenzene
 Concen: 34.895 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion: 77 Resp: 464505
 Ion Ratio Lower Upper
 77 100
 123 46.6 37.9 56.9
 65 14.4 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: 35.753 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

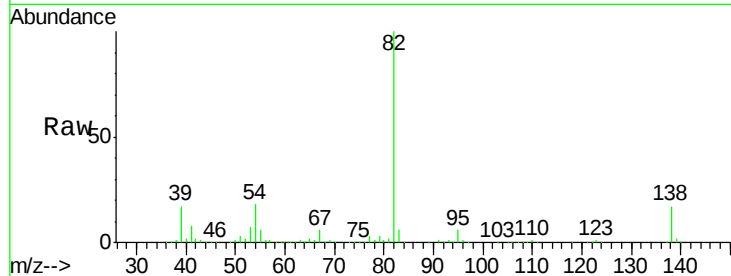
Tot Ion: 82 Resp: 851349

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

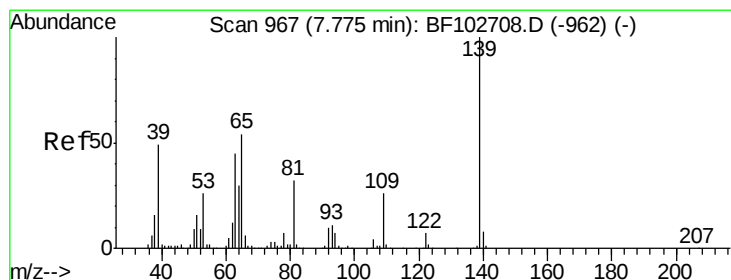
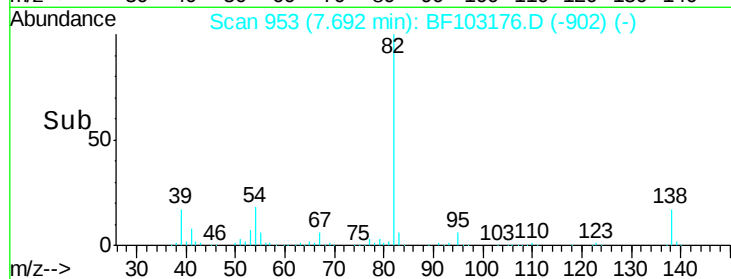
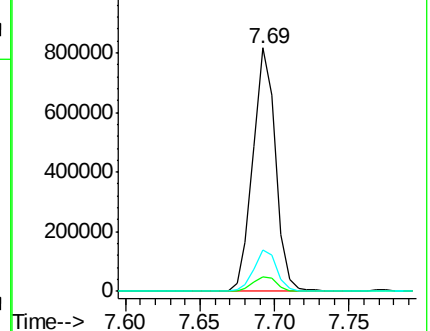
138 17.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 34.934 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

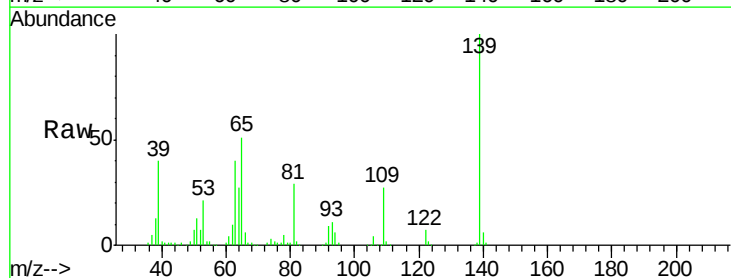
Tgt Ion: 139 Resp: 218915

Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

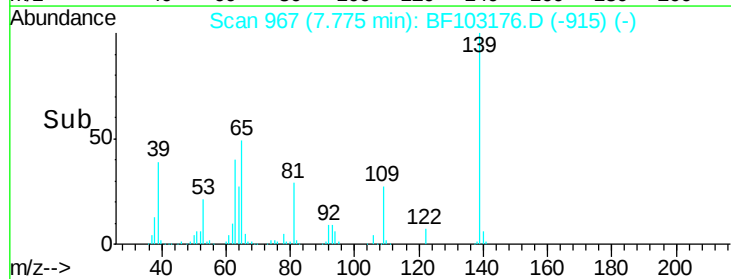
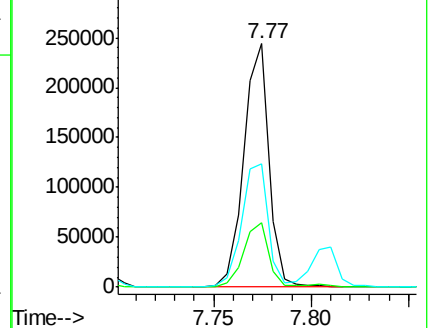
65 50.9 40.5 60.7

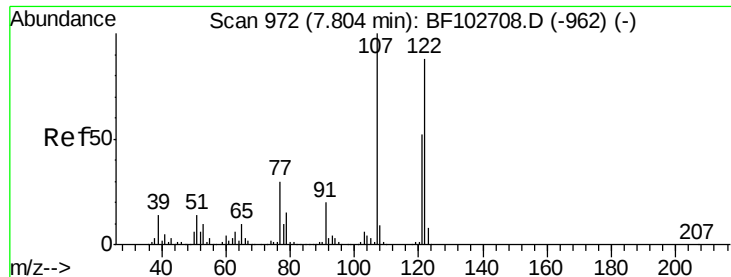


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.145 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

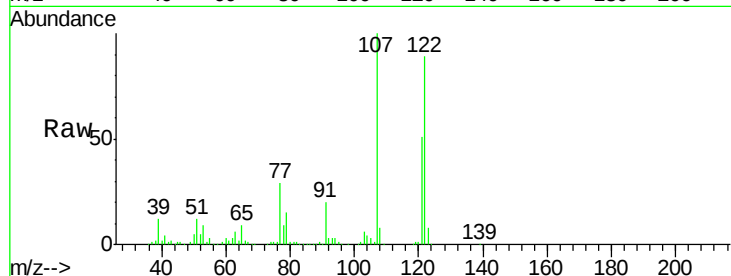
Tot Ion:122 Resp: 365377

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

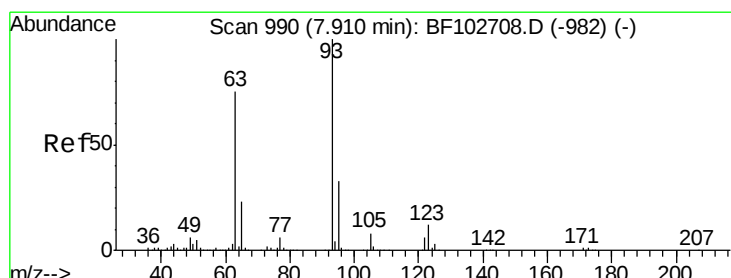
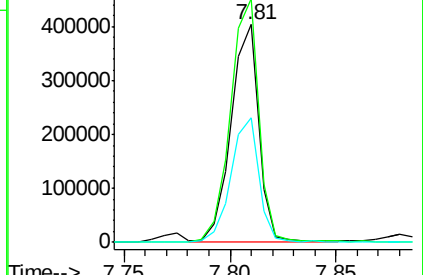
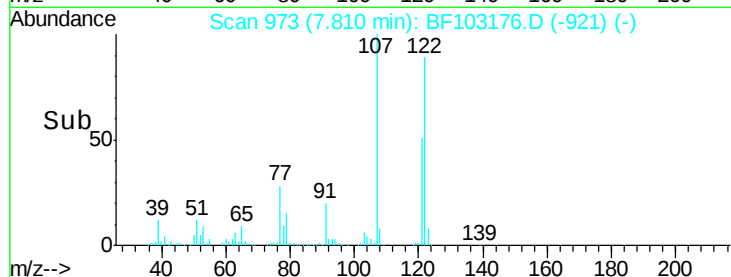
121 57.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.473 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

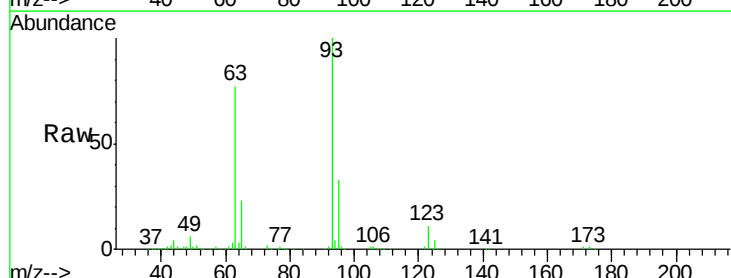
Tgt Ion: 93 Resp: 538622

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

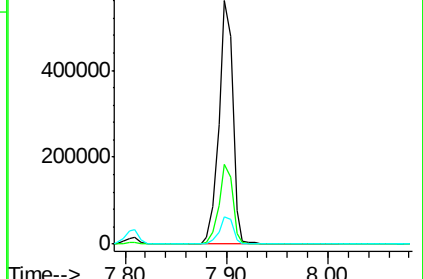
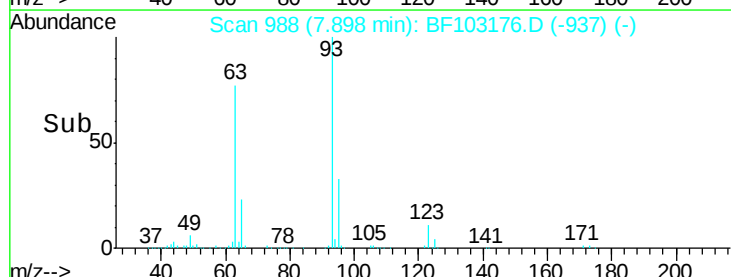
123 11.1 9.8 14.6

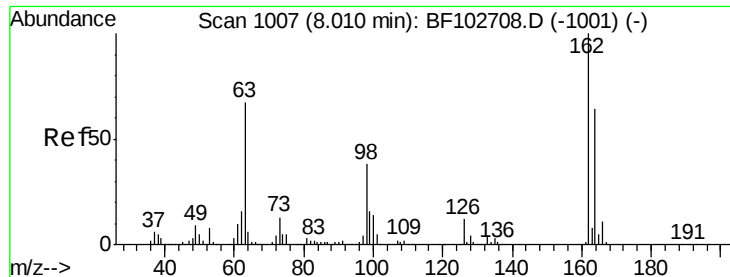


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.456 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

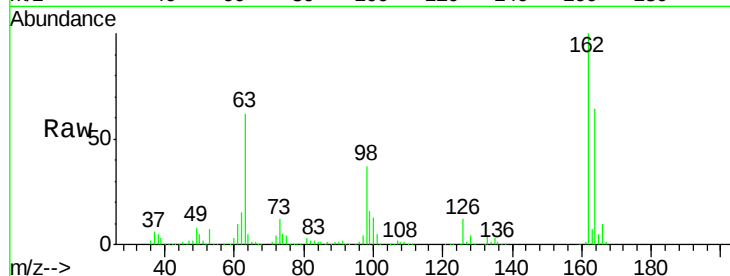
Tot Ion:162 Resp: 334324

Ion Ratio Lower Upper

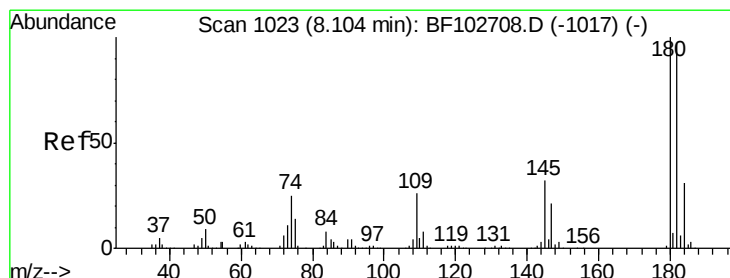
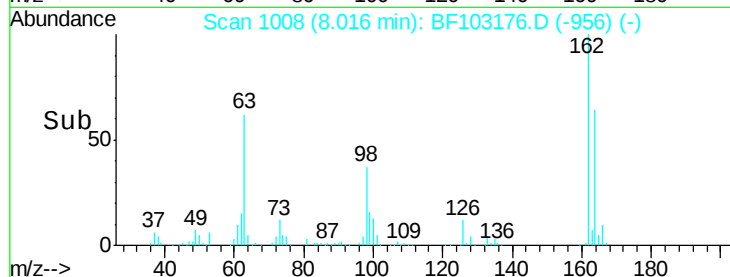
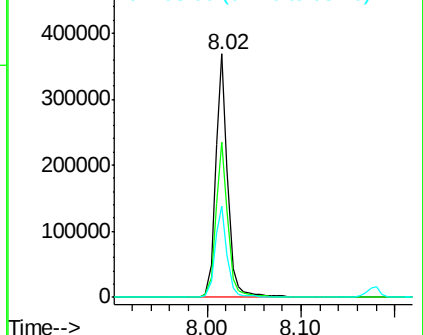
162 100

164 64.0 42.7 82.7

98 37.5 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: 34.008 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

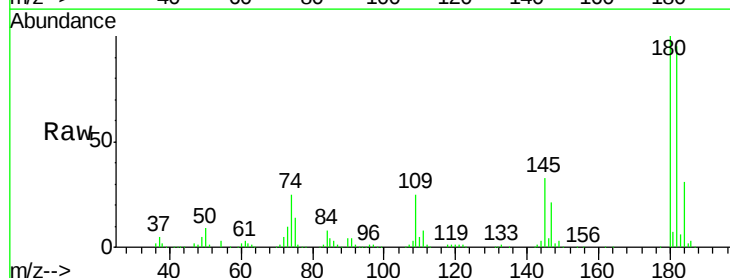
Tgt Ion:180 Resp: 332110

Ion Ratio Lower Upper

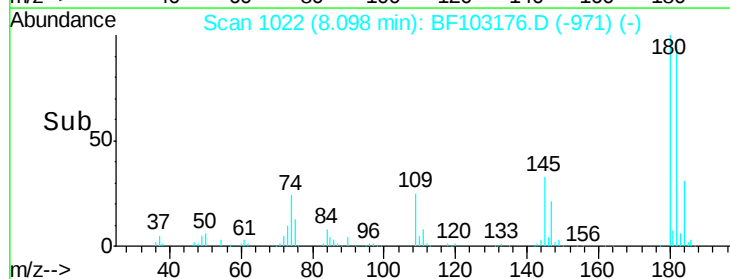
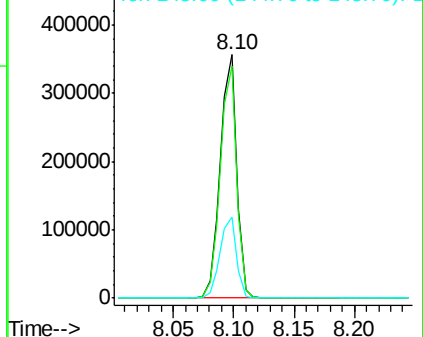
180 100

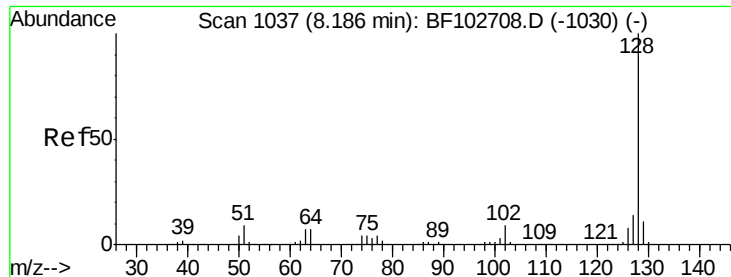
182 95.4 76.8 115.2

145 33.0 26.5 39.7



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

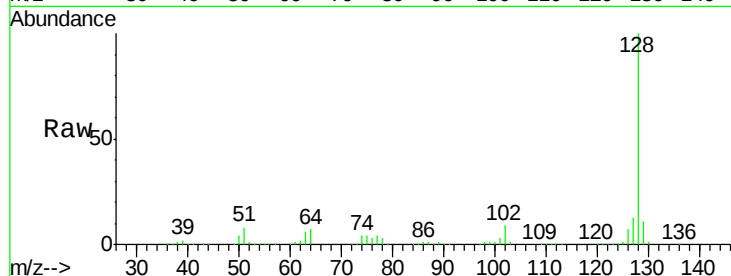




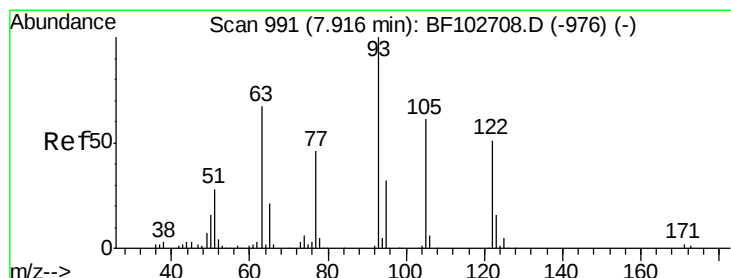
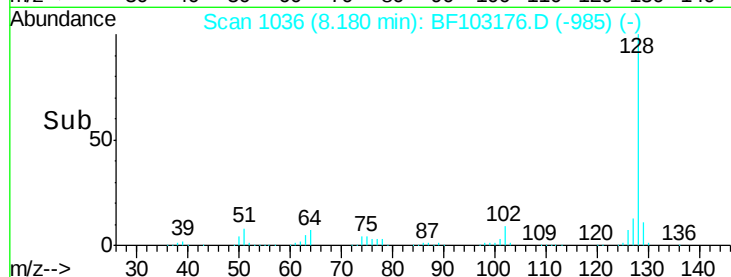
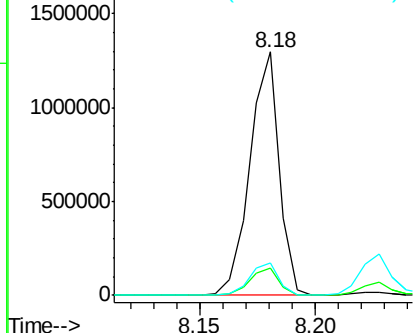
#31
Naphthalene
Concen: 34.124 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion:128 Resp: 1153529
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3

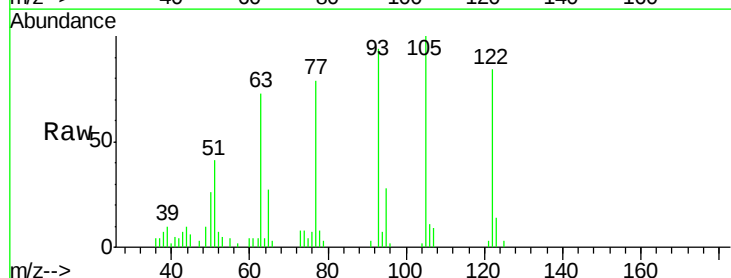


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

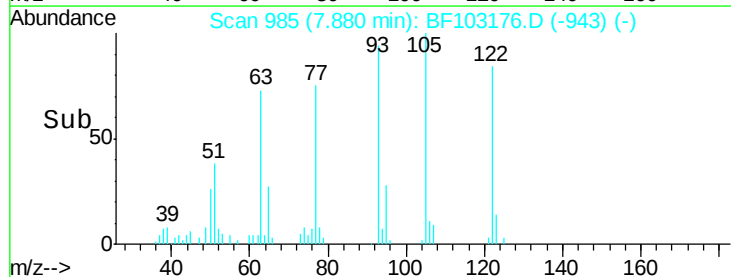
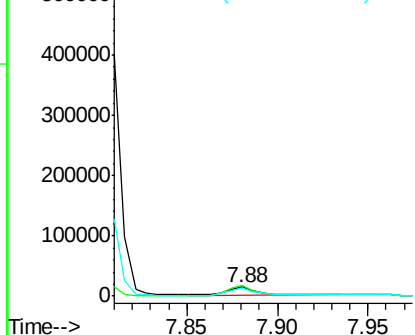


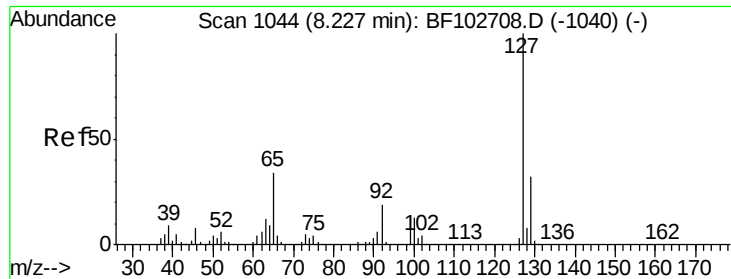
#32
Benzoic acid
Concen: 8.885 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:122 Resp: 16369
Ion Ratio Lower Upper
122 100
105 119.7 101.1 141.1
77 94.4 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

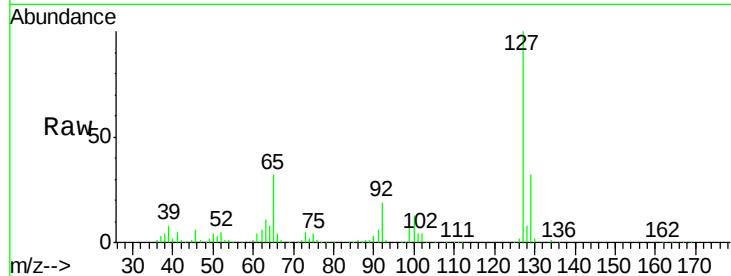




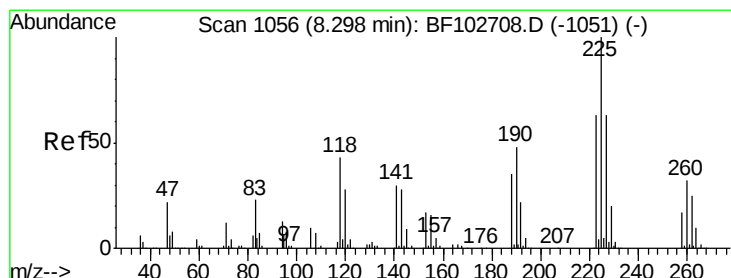
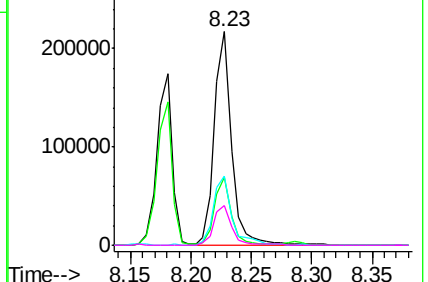
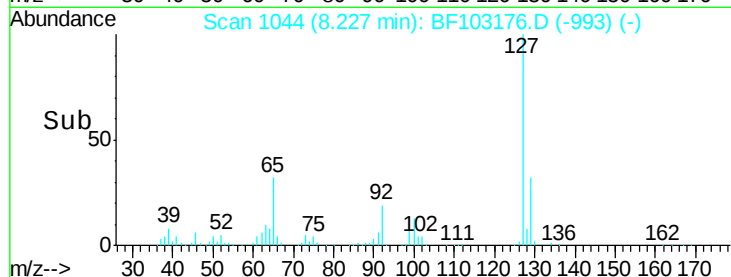
#33
4-Chloroaniline
Concen: 14.630 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion:	127	Resp:	213408
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	32.3	25.0	37.4
92	18.8	15.2	22.8

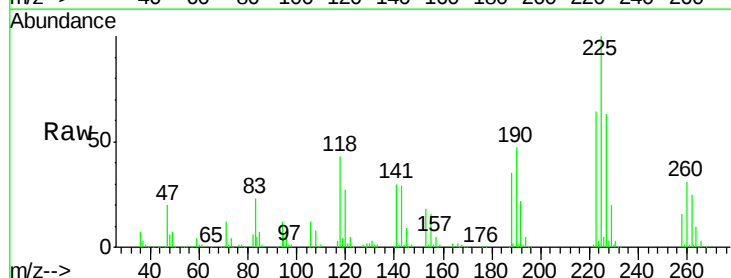


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

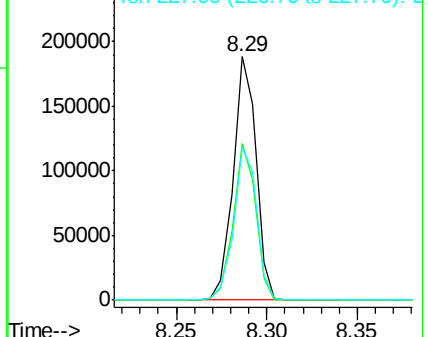
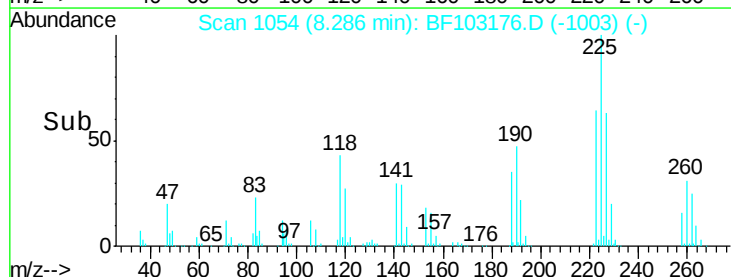


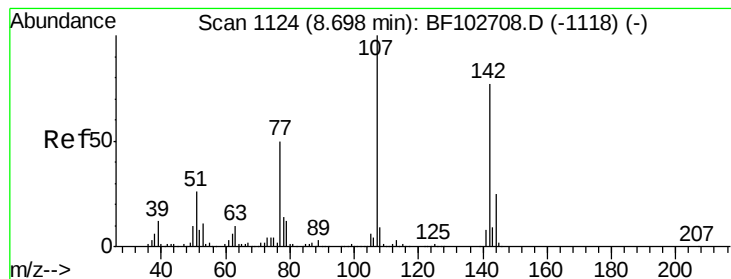
#34
Hexachlorobutadiene
Concen: 32.629 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:	225	Resp:	165935
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	62.6	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#36

4-Chloro-3-methylphenol

Concen: 34.821 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

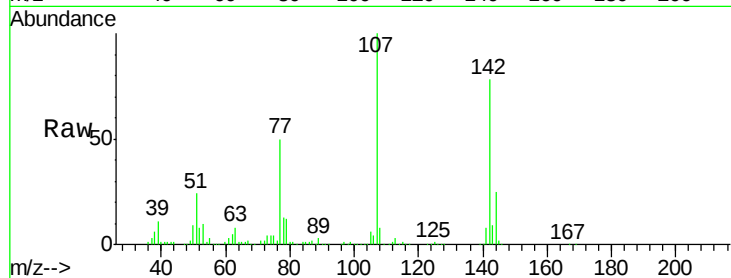
Tot Ion:107 Resp: 360183

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

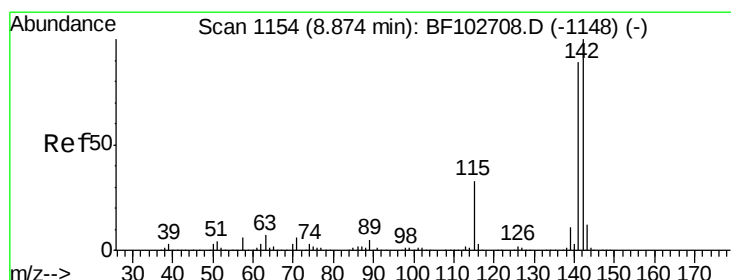
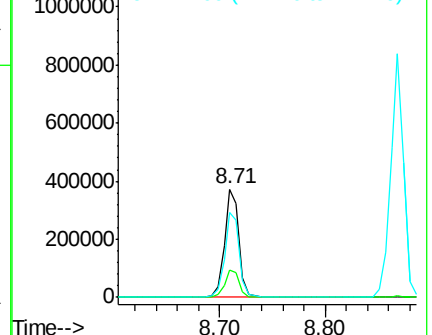
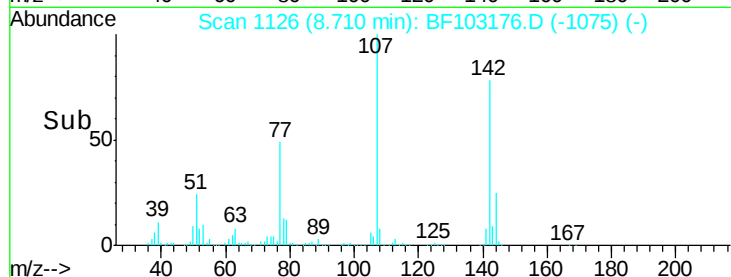
142 78.0 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 33.753 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

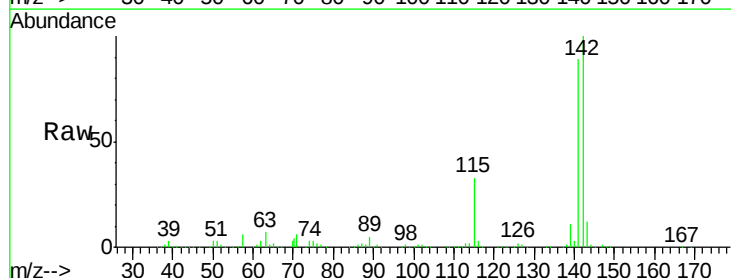
Tgt Ion:142 Resp: 737382

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

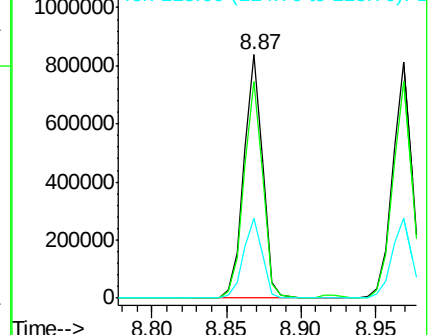
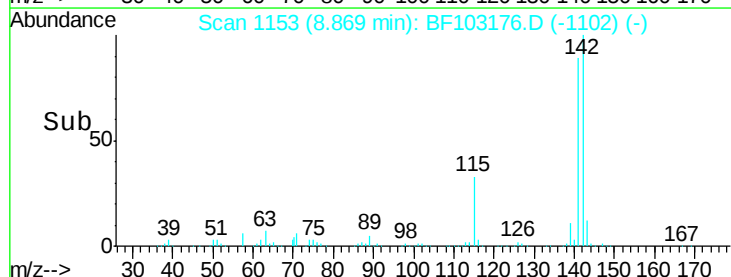
115 32.8 26.1 39.1

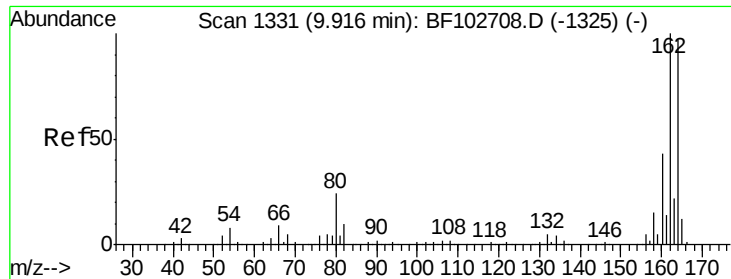


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

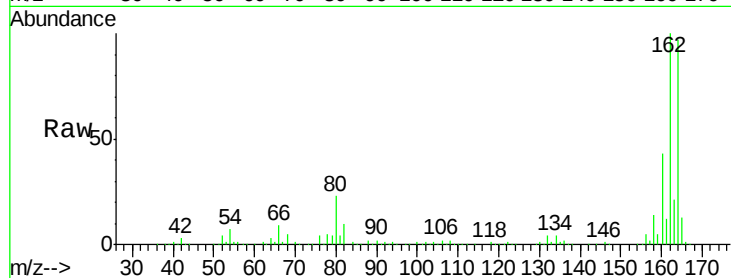
Tot Ion:164 Resp: 269299

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

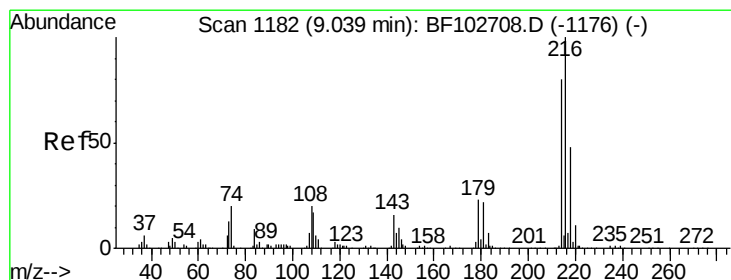
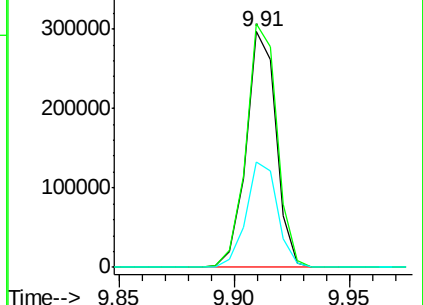
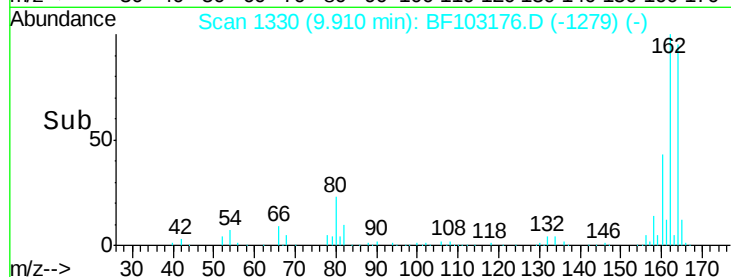
160 44.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.930 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:216 Resp: 279243

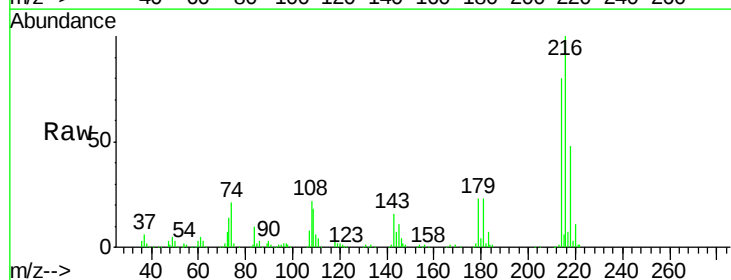
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 23.5 18.1 27.1

108 21.7 17.2 25.8

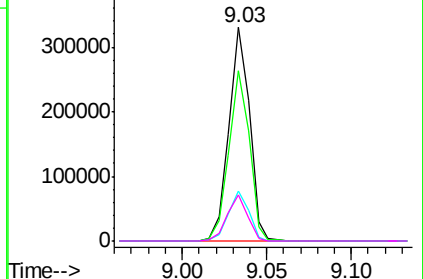
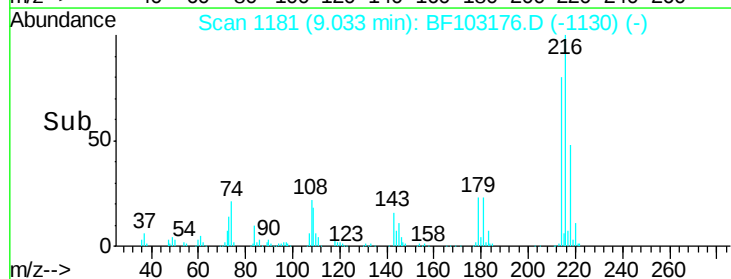


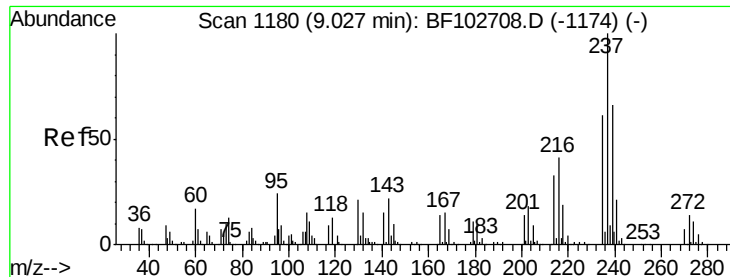
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

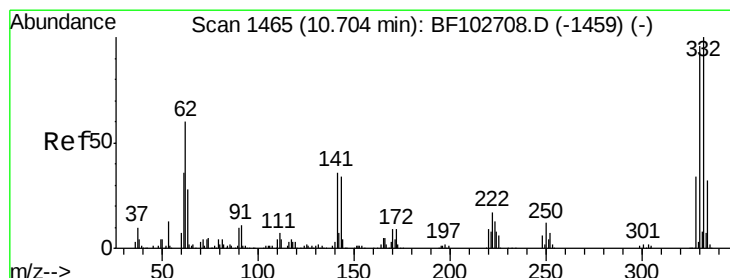
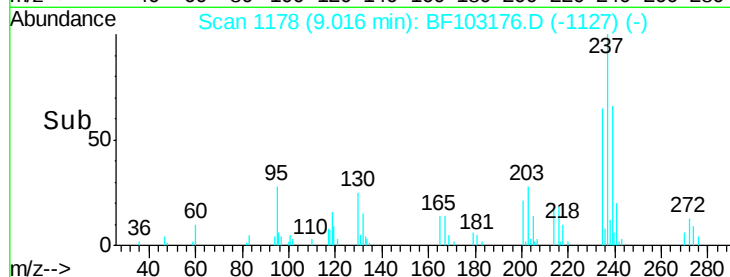
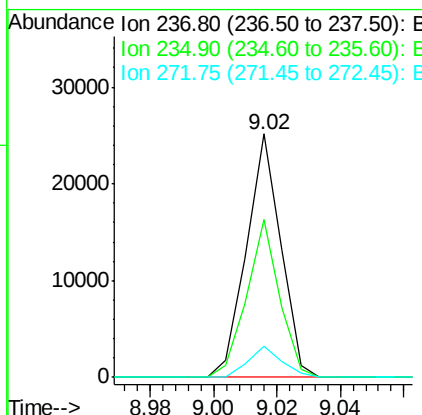
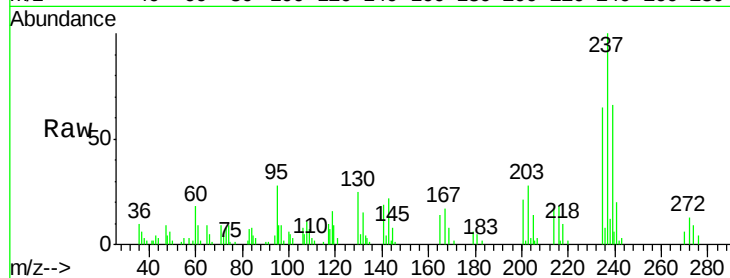




#40
Hexachlorocyclopentadiene
Concen: 15.362 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

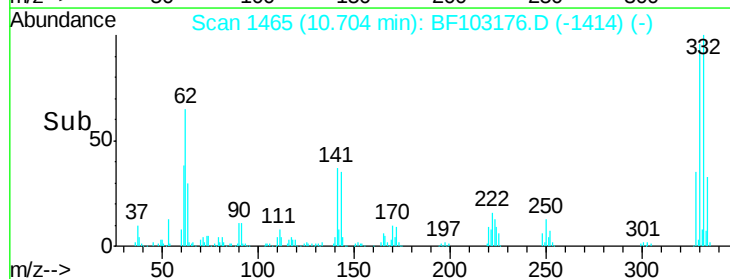
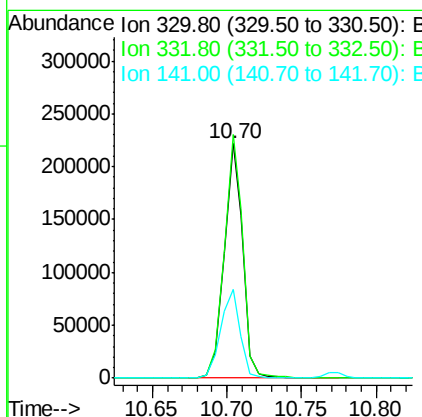
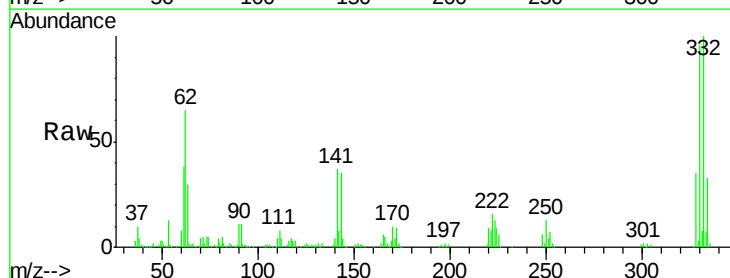
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

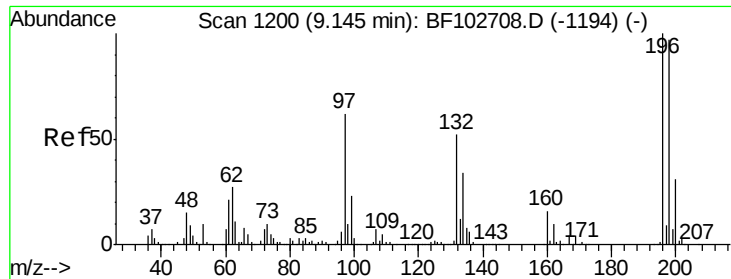
Tot Ion:237 Resp: 18917
Ion Ratio Lower Upper
237 100
235 64.7 44.8 84.8
272 12.7 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 85.711 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:330 Resp: 195375
Ion Ratio Lower Upper
330 100
332 104.1 77.0 115.6
141 40.1 29.9 44.9

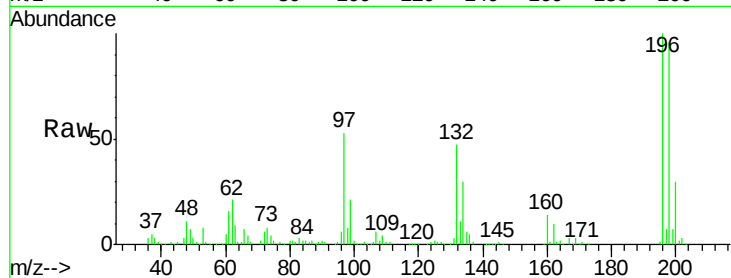




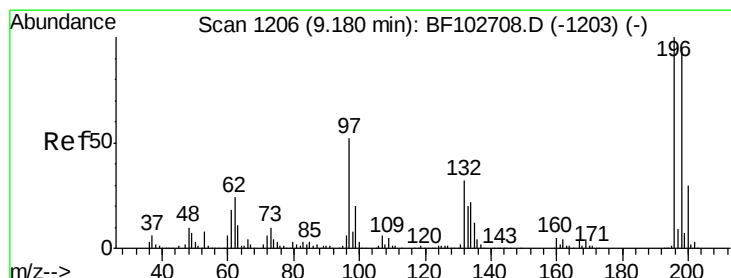
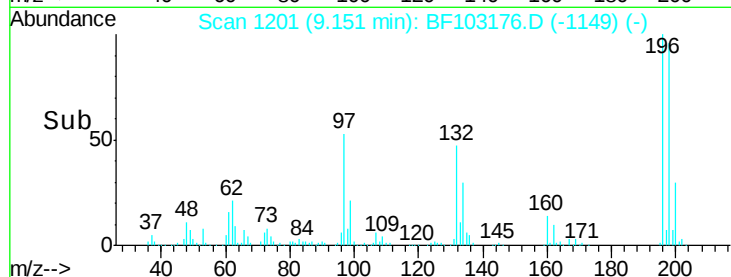
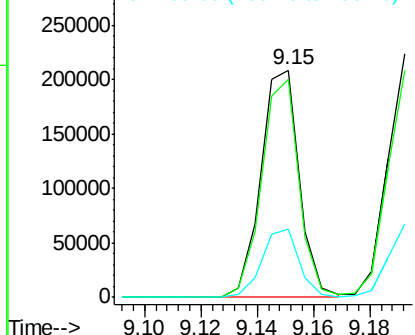
#42
 2,4,6-Trichlorophenol
 Concen: 39.694 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Tot Ion:196 Resp: 196637
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 30.2 24.5 36.7

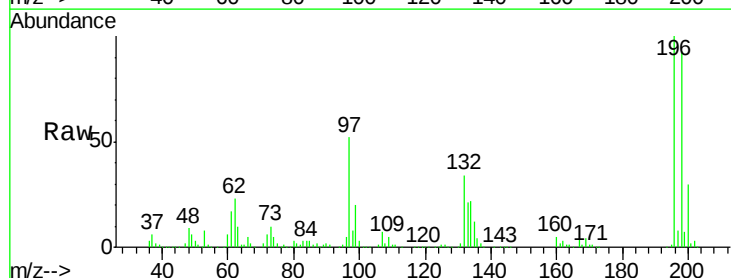


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

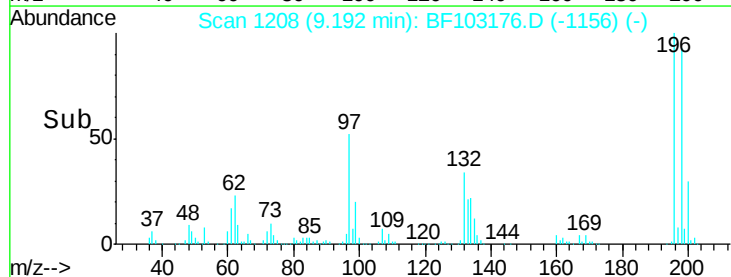
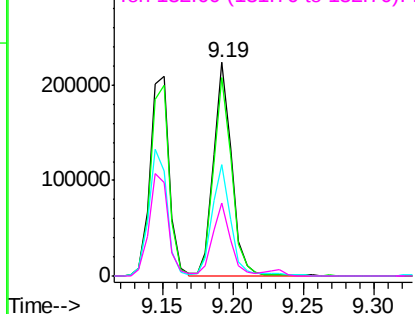


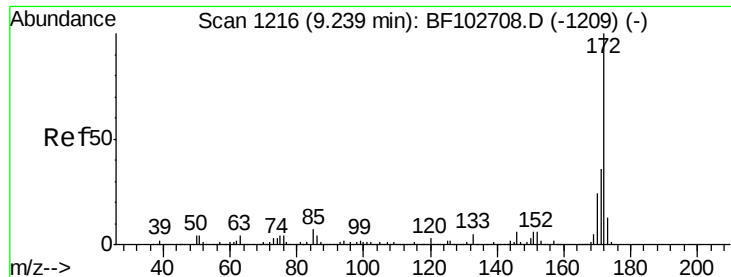
#43
 2,4,5-Trichlorophenol
 Concen: 35.103 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion:196 Resp: 200001
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.6 112.0
 97 52.0 42.9 64.3
 132 34.3 26.3 39.5



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

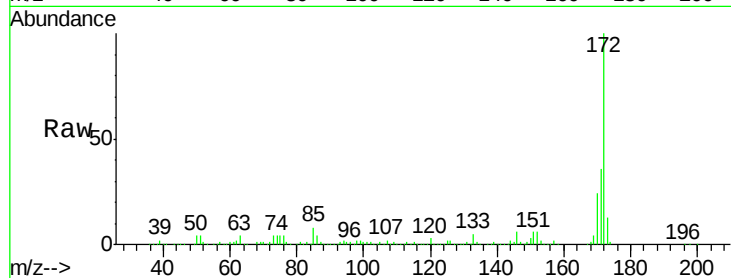




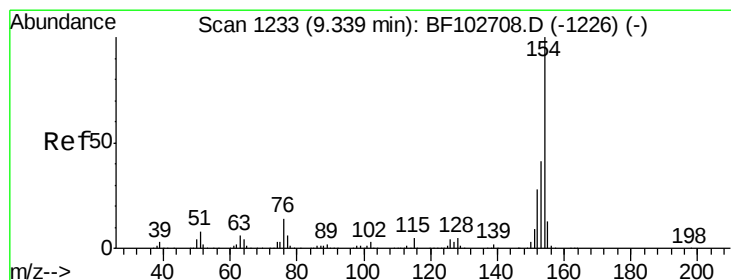
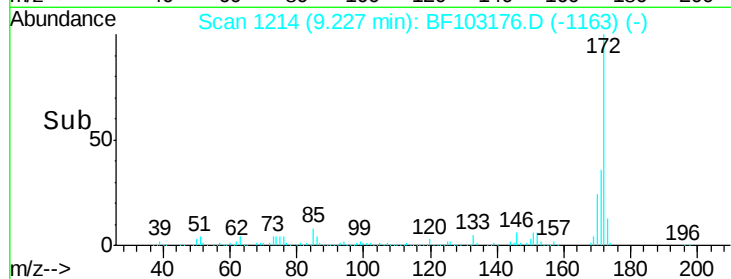
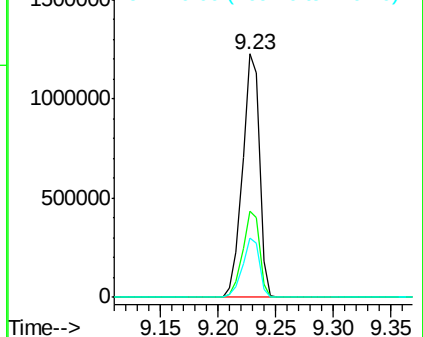
#44
2-Fluorobiphenyl
Concen: 78.507 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion:172 Resp: 1250000
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.2 19.6 29.4

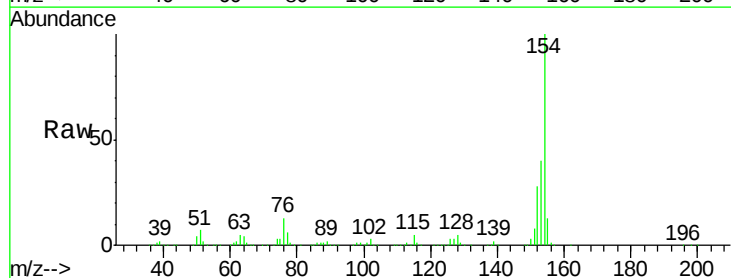


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

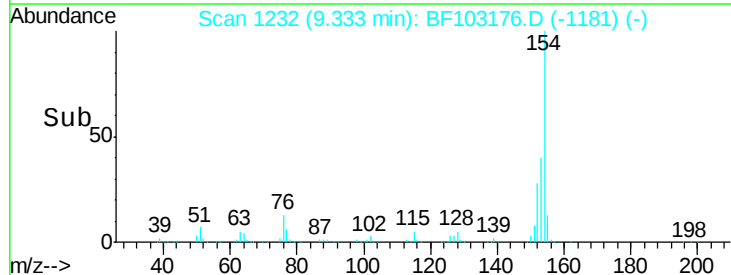
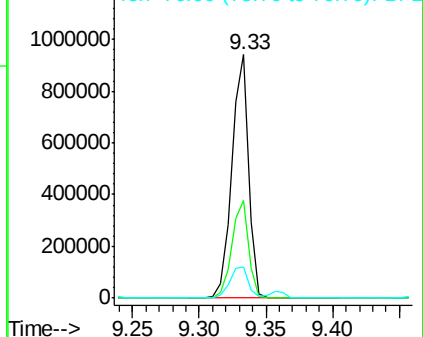


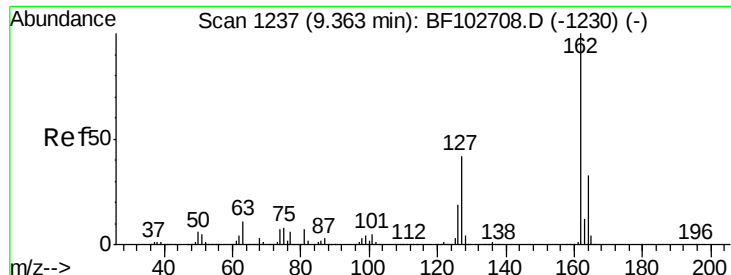
#45
1,1'-Biphenyl
Concen: 36.921 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:154 Resp: 833156
Ion Ratio Lower Upper
154 100
153 40.1 21.3 61.3
76 12.9 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

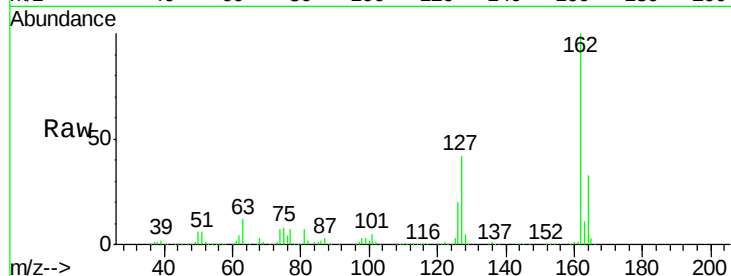




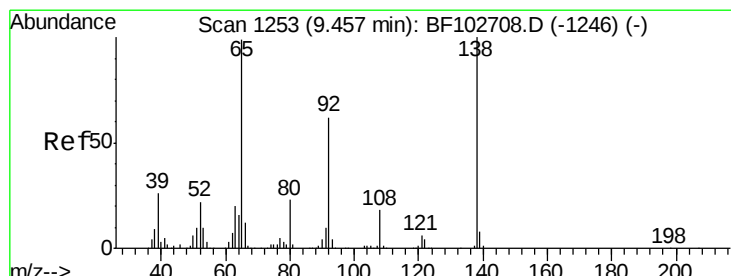
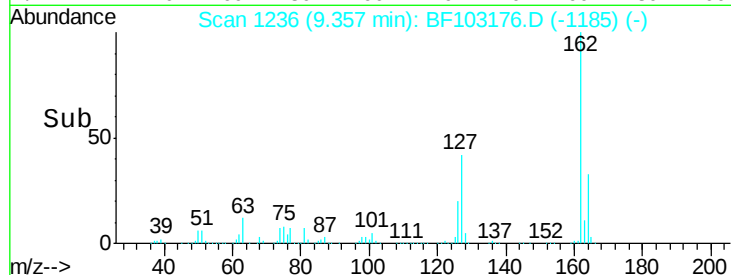
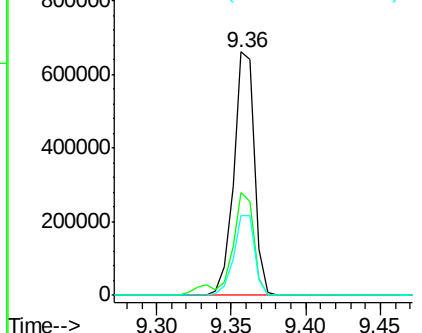
#46
 2-Chloronaphthalene
 Concen: 36.183 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.9	50.9
164	32.7	26.5	39.7

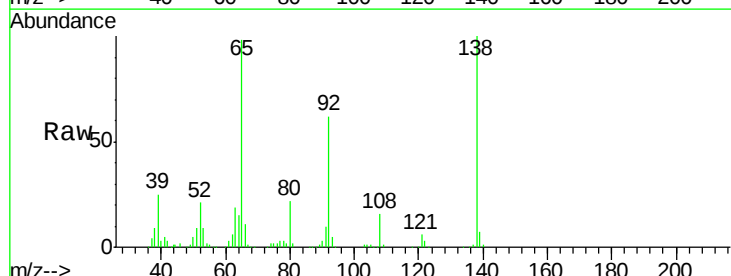


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

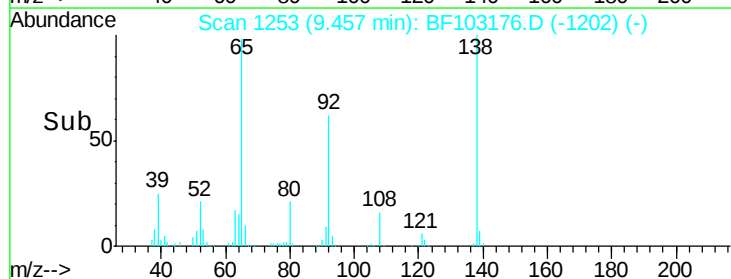
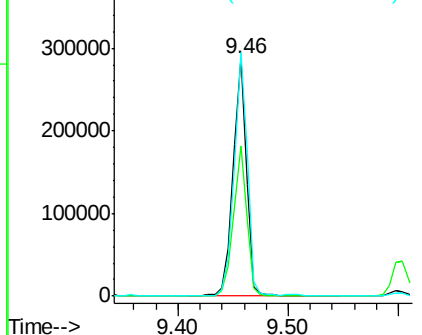


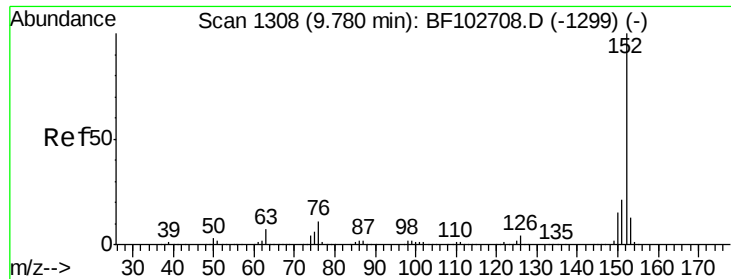
#47
 2-Nitroaniline
 Concen: 37.689 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	55.8	83.6
138	102.2	91.2	136.8



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





#48

Acenaphthylene

Concen: 34.586 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

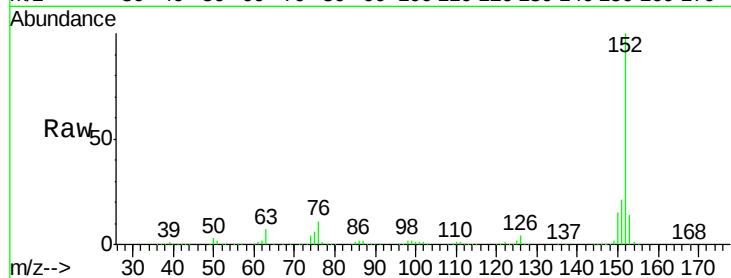
Tot Ion:152 Resp: 950025

Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

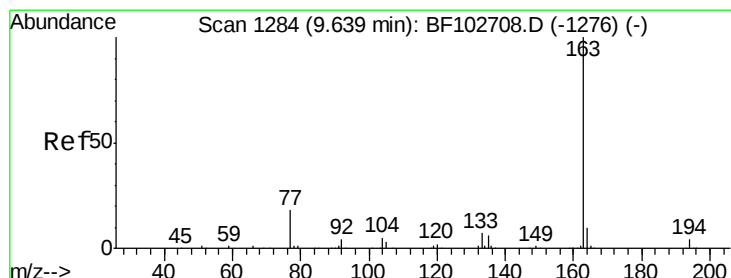
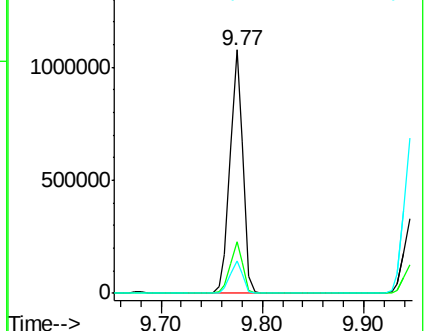
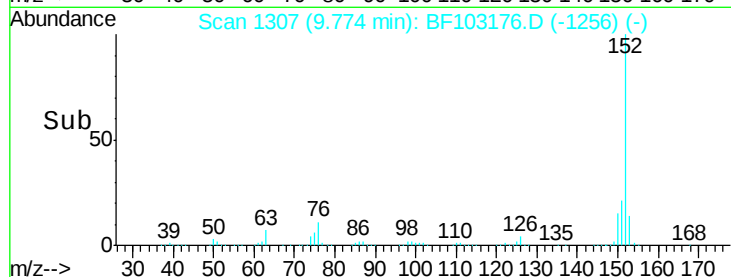
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.121 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

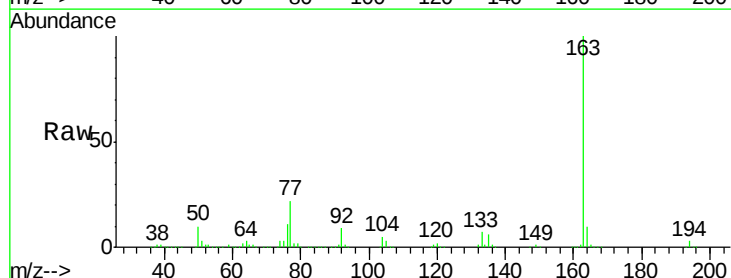
Tgt Ion:163 Resp: 866752

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

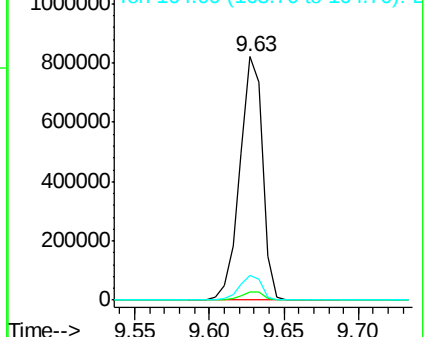
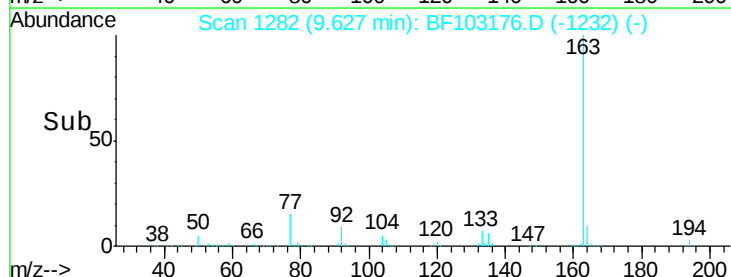
164 10.2 8.2 12.2

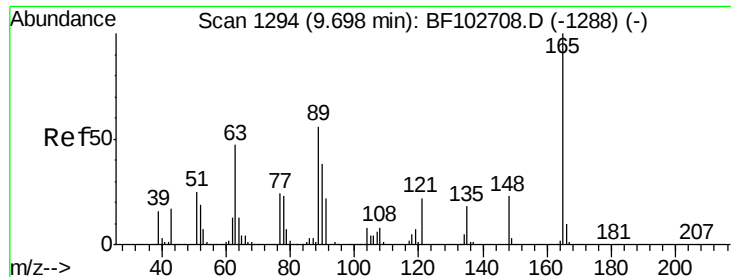


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

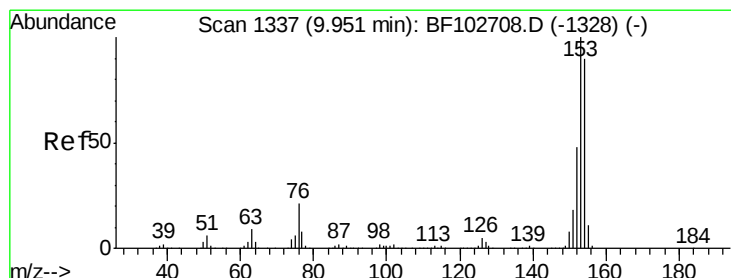
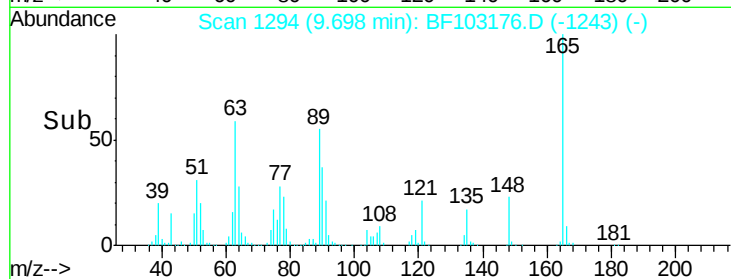
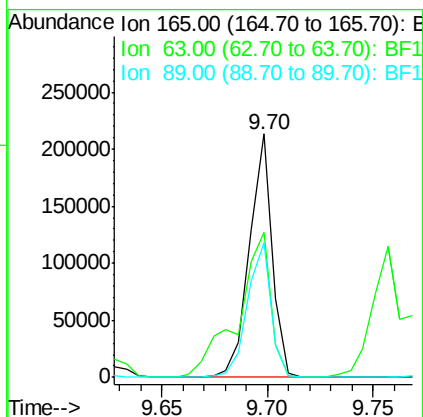
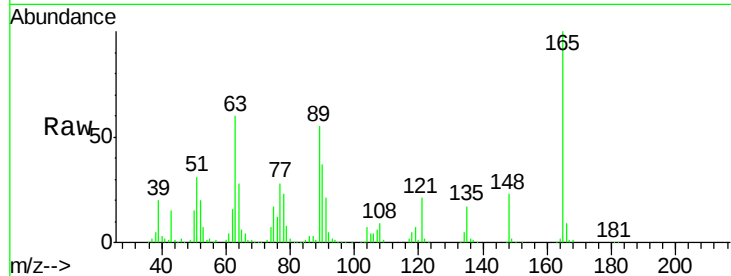




#50
2,6-Dinitrotoluene
Concen: 35.337 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

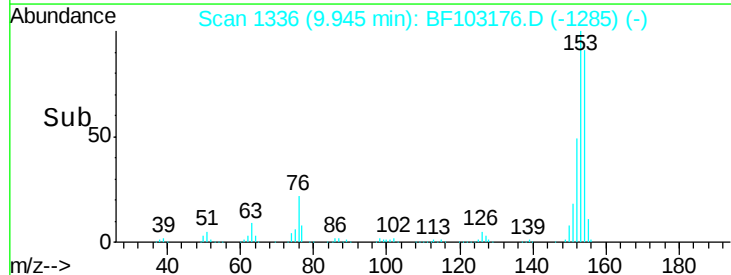
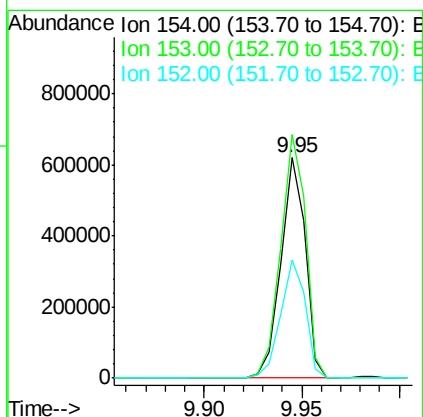
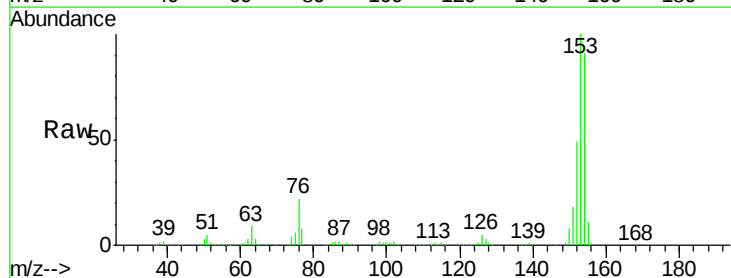
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

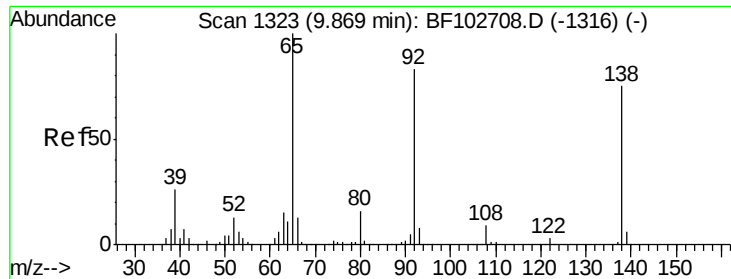
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.6	44.7	67.1
89	55.4	44.0	66.0



#51
Acenaphthene
Concen: 33.582 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.5	91.2	136.8
152	53.6	43.8	65.8

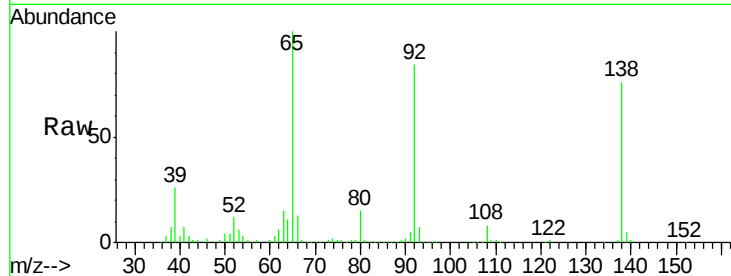




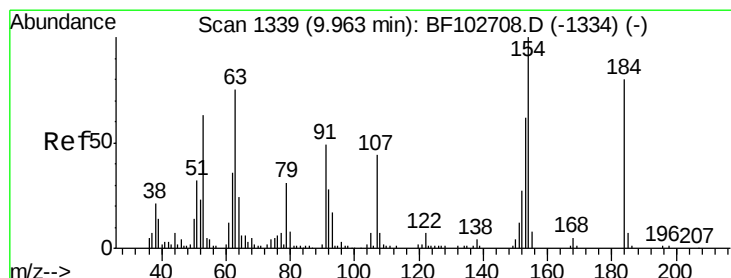
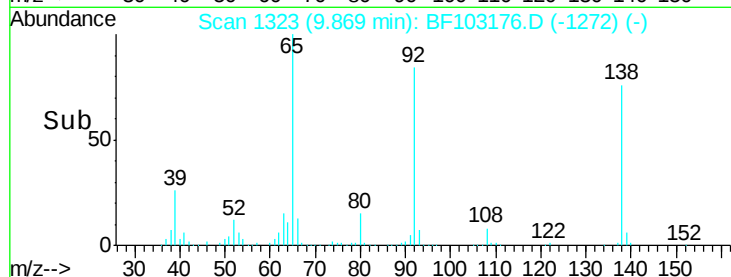
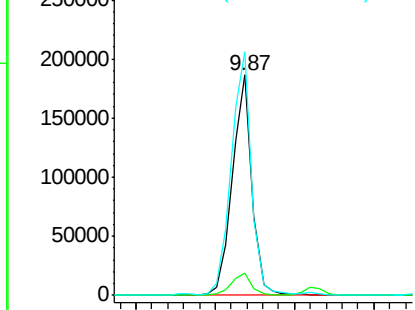
#52
3-Nitroaniline
Concen: 27.833 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion:138 Resp: 160094
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.0
92 110.5 89.4 134.2

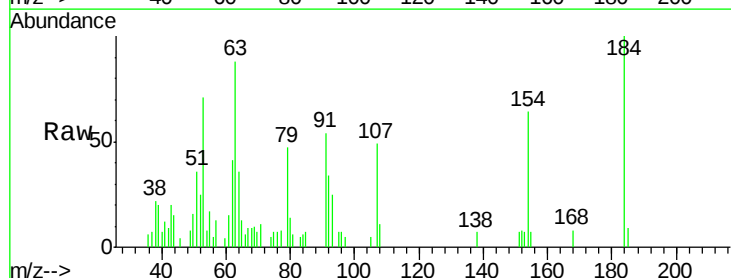


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

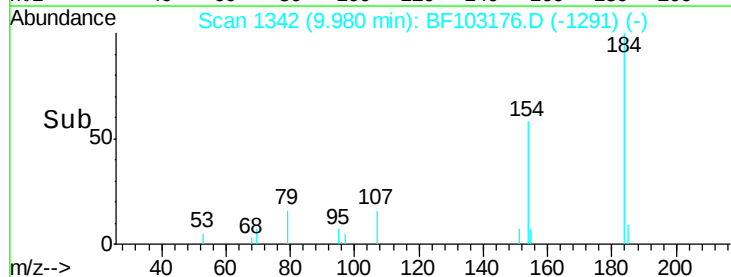
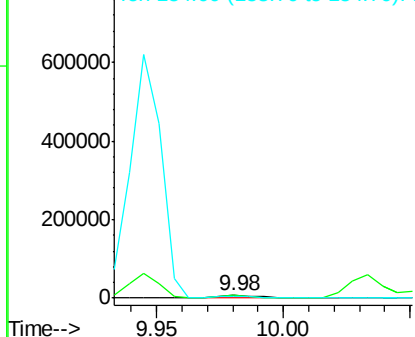


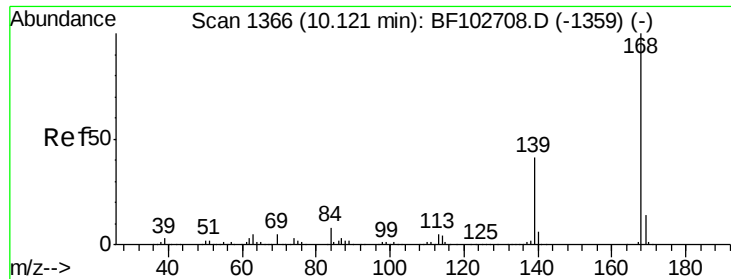
#53
2,4-Dinitrophenol
Concen: 14.085 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:184 Resp: 8310
Ion Ratio Lower Upper
184 100
63 87.6 54.2 81.2#
154 64.2 184.0 276.0#



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

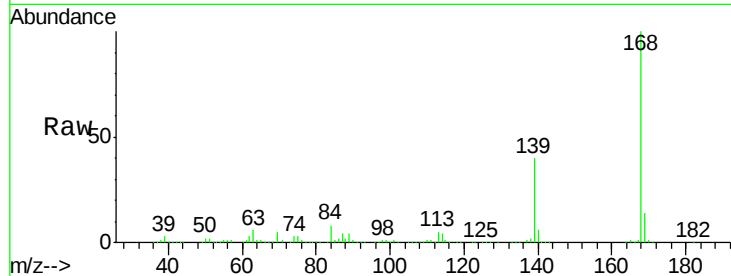




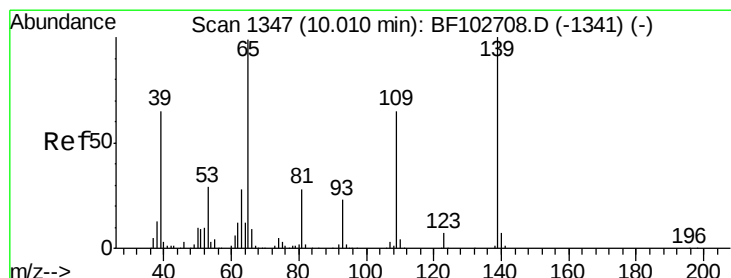
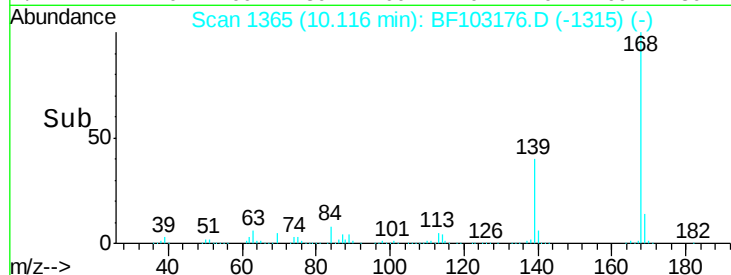
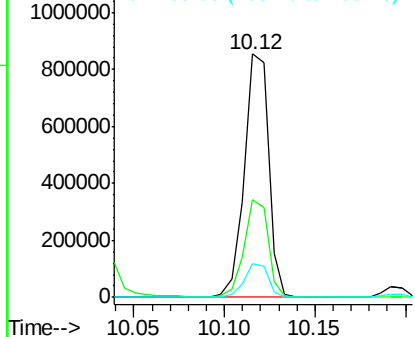
#54
Dibenzenofuran
Concen: 36.158 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion:168 Resp: 795004
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 13.9 10.9 16.3

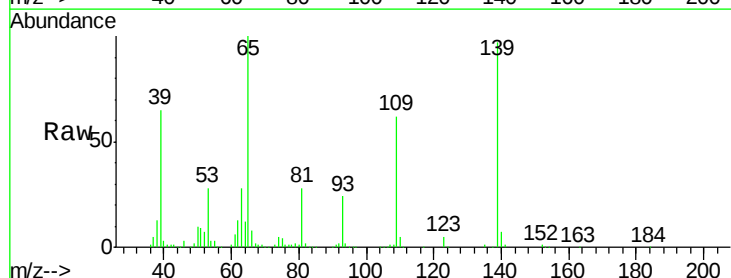


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

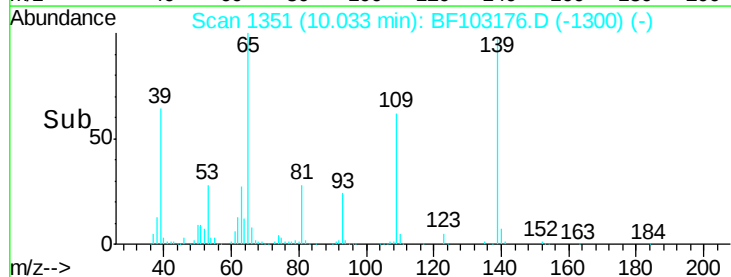
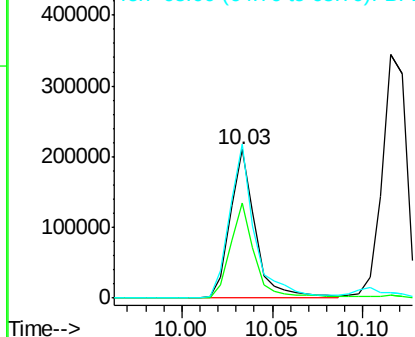


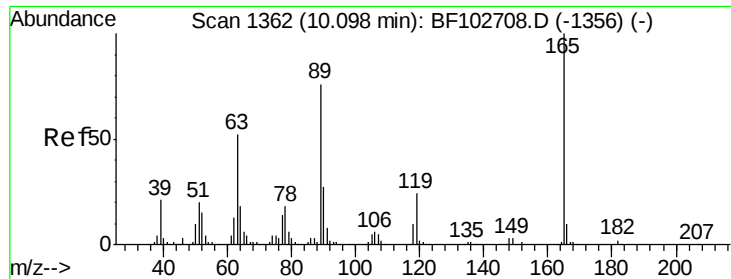
#55
4-Nitrophenol
Concen: 57.127 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:139 Resp: 203651
Ion Ratio Lower Upper
139 100
109 64.1 48.4 88.4
65 103.4 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

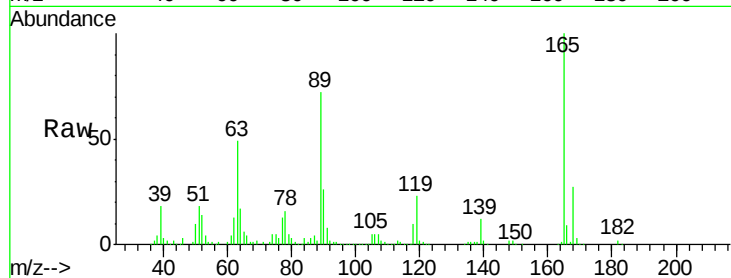




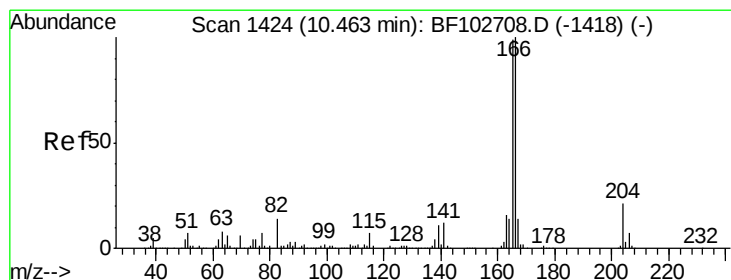
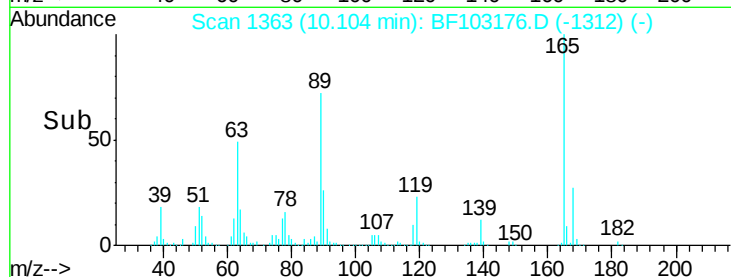
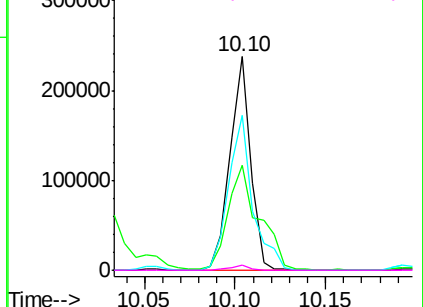
#56
 2,4-Dinitrotoluene
 Concen: 33.327 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Tot Ion:	165	Resp:	191091
Ion	Ratio	Lower	Upper
165	100		
63	49.1	36.4	54.6
89	72.3	57.8	86.6
182	2.4	1.6	2.4

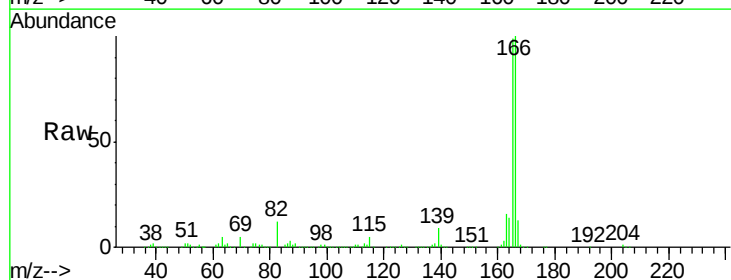


Abundance Ion 165.00 (164.70 to 165.70): E

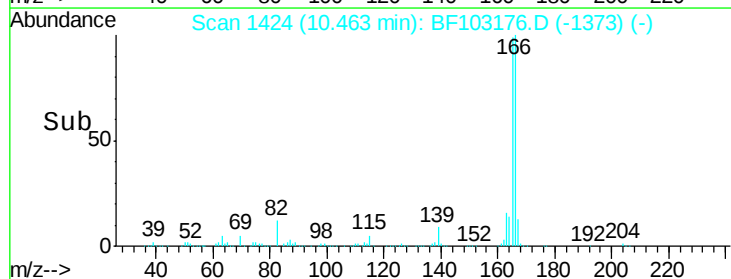
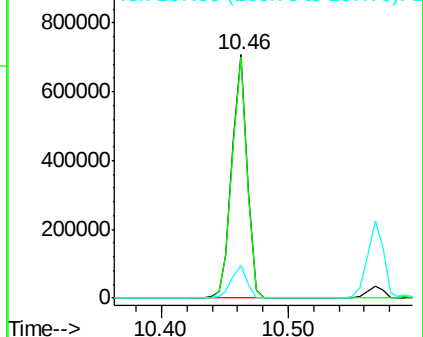


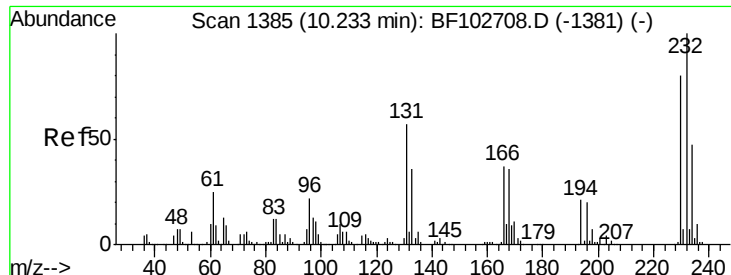
#57
 Fluorene
 Concen: 31.081 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion:	166	Resp:	582149
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.5	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E

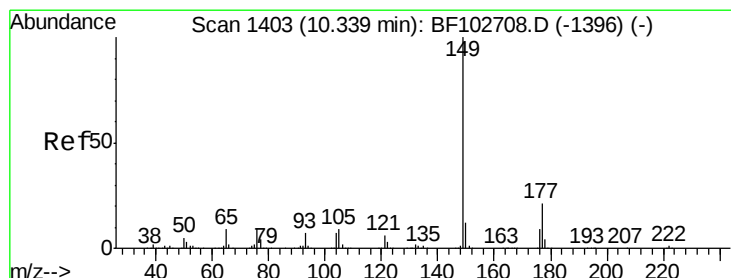
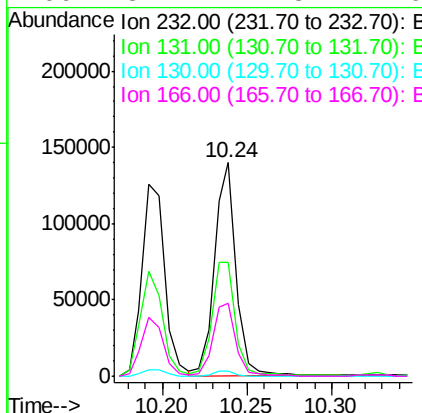
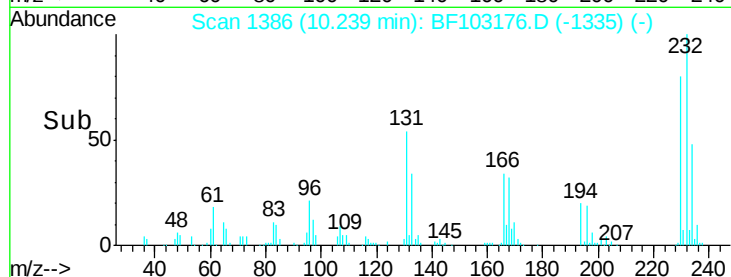
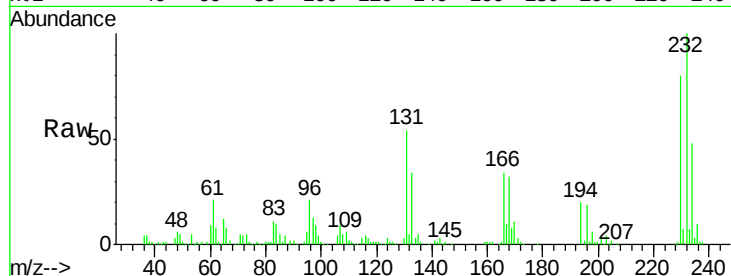




#58
2,3,4,6-Tetrachlorophenol
Concen: 32.377 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

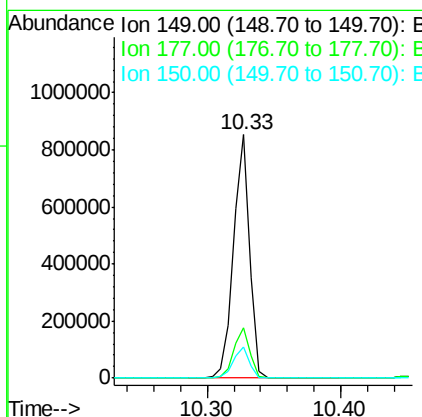
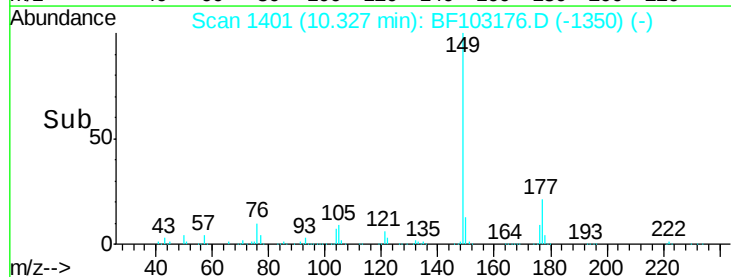
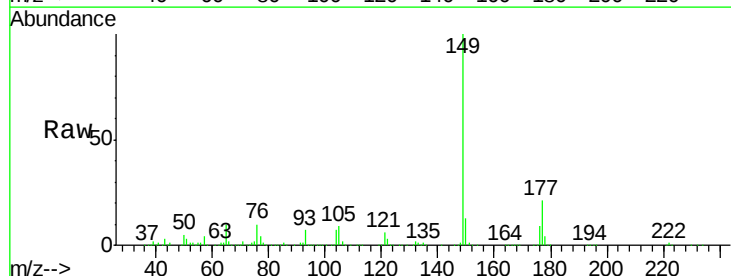
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

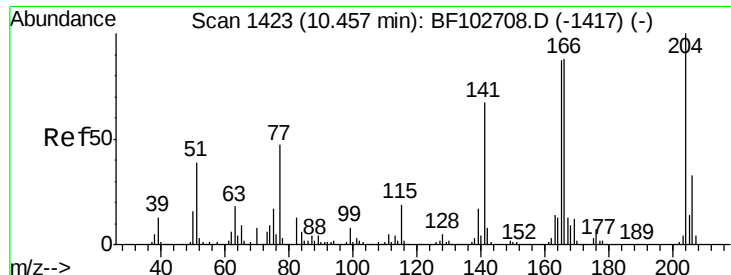
Tot Ion:232 Resp: 123921
Ion Ratio Lower Upper
232 100
131 59.0 43.8 65.8
130 2.6 2.1 3.1
166 37.2 27.8 41.6



#59
Diethylphthalate
Concen: 35.128 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:149 Resp: 725817
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.6 10.1 15.1

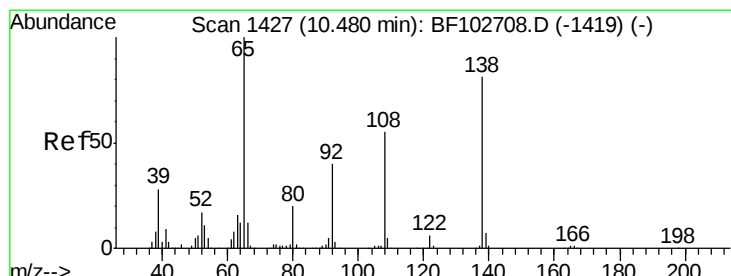
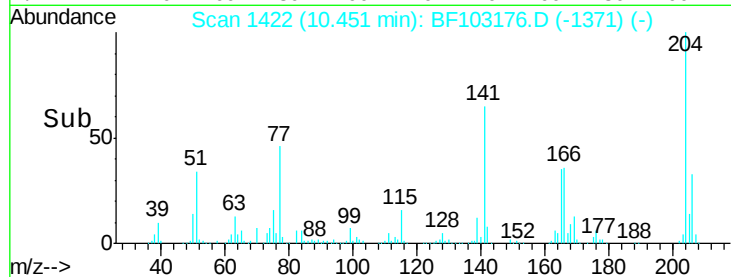
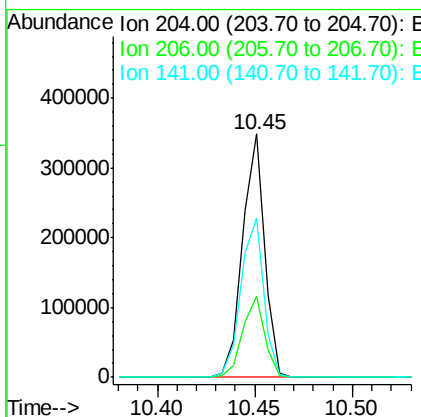
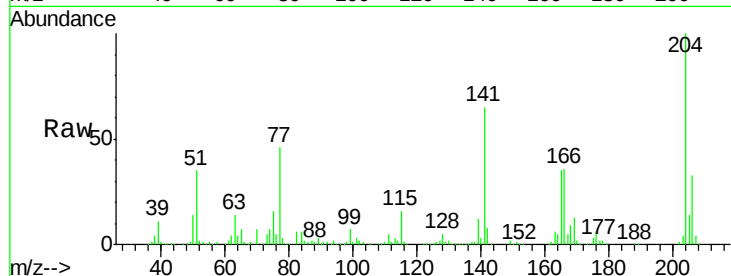




#60
 4-Chlorophenyl-phenylether
 Concen: 34.373 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

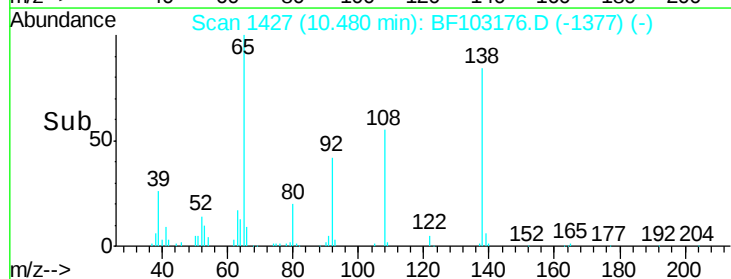
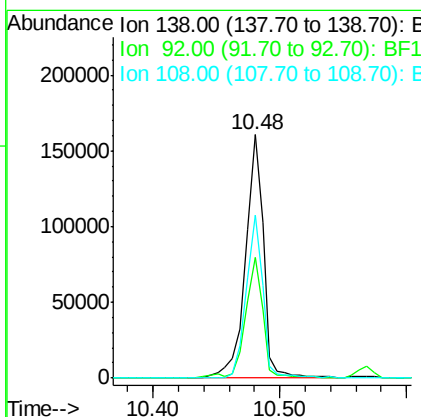
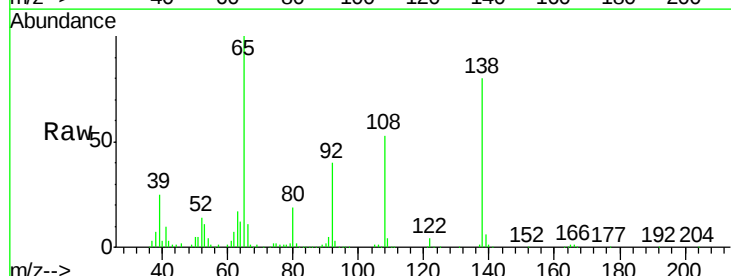
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

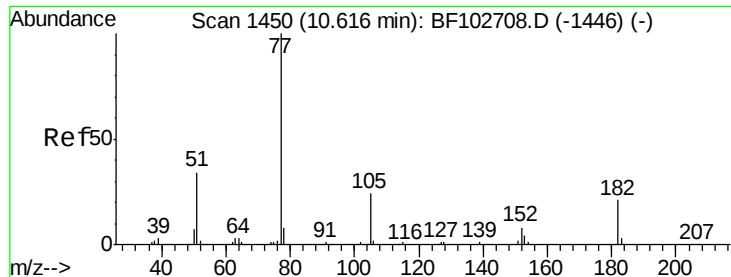
Tot Ion:204 Resp: 273016
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.5 39.7
 141 65.2 54.6 81.8



#61
 4-Nitroaniline
 Concen: 27.581 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion:138 Resp: 158455
 Ion Ratio Lower Upper
 138 100
 92 49.8 30.2 70.2
 108 67.0 52.5 92.5





#62

Azobenzene

Concen: 32.706 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

Tot Ion: 77 Resp: 687870

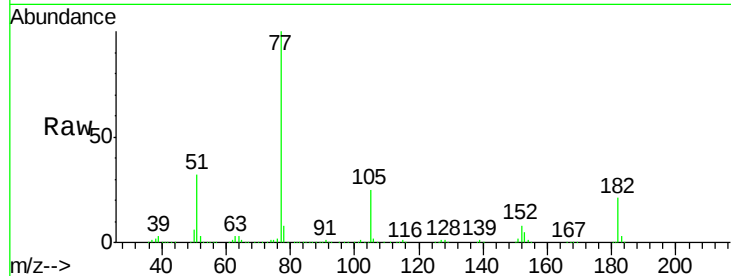
Ion Ratio Lower Upper

77 100

182 20.9 1.7 41.7

105 24.5 3.0 43.0

51 32.2 9.9 49.9

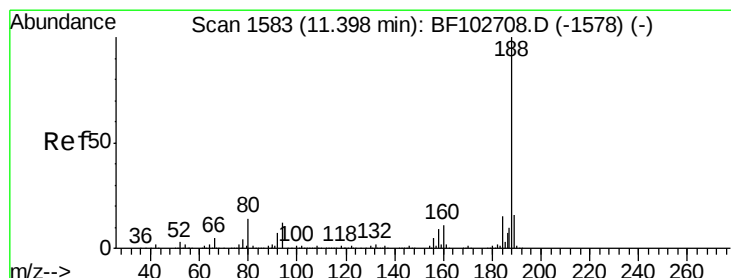
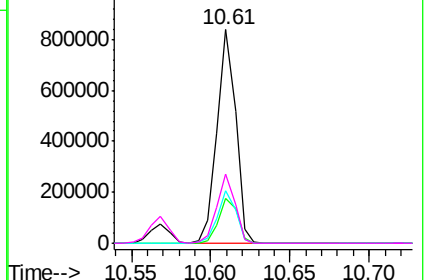
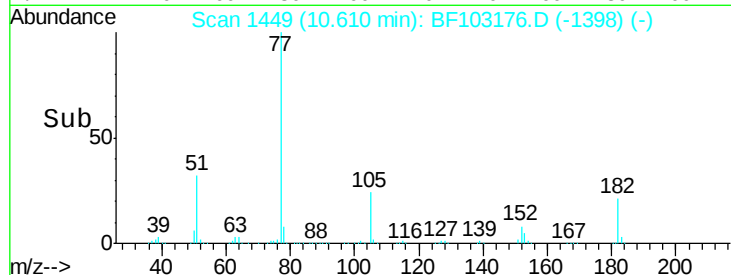


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

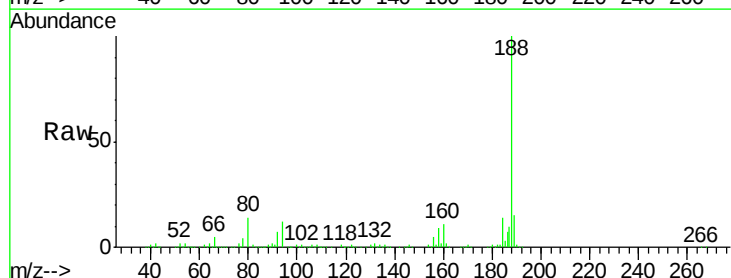
Tgt Ion: 188 Resp: 351317

Ion Ratio Lower Upper

188 100

94 12.3 8.5 12.7

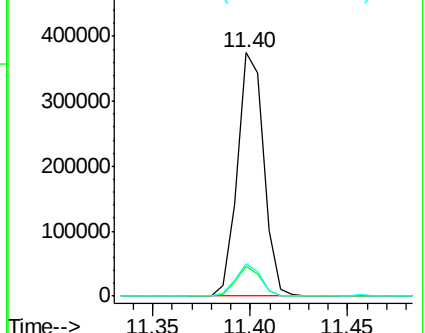
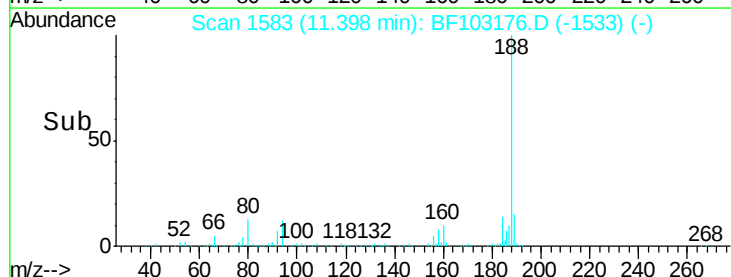
80 13.5 9.2 13.8

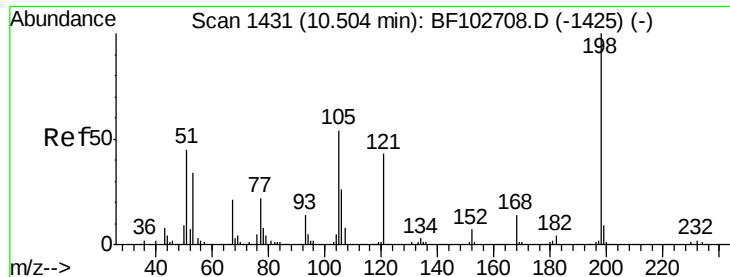


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

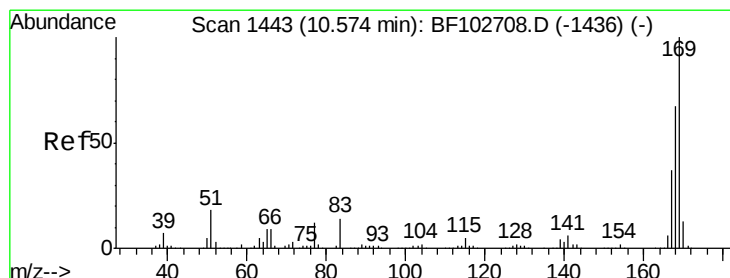
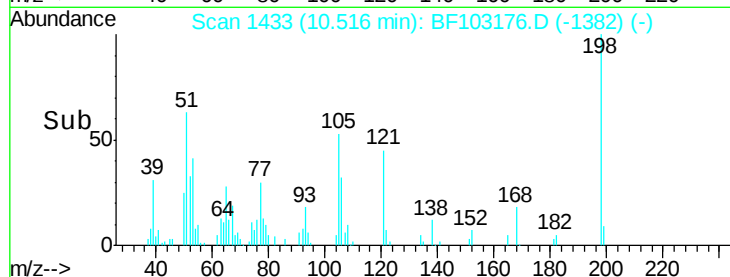
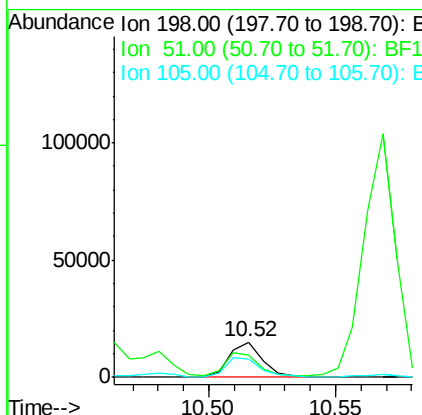
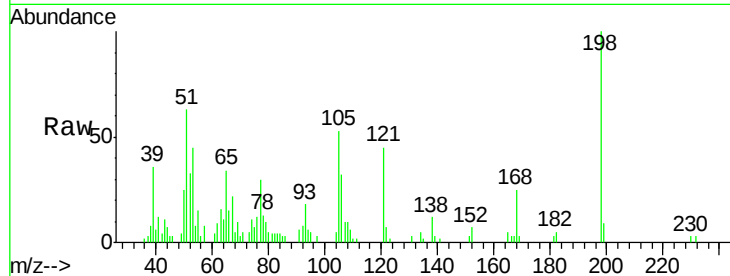




#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.681 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

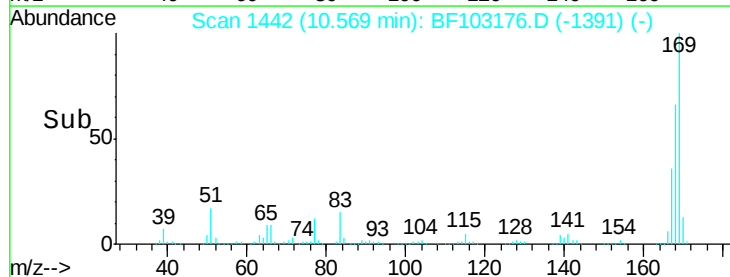
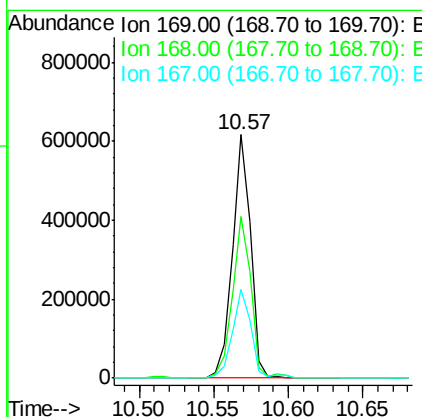
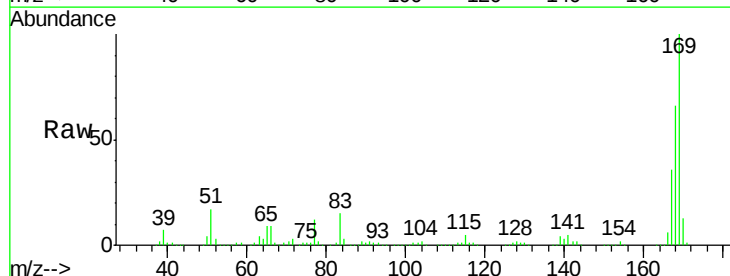
Instrument :
 BNA_F
 ClientSampled :
 TP-1-3FTMS

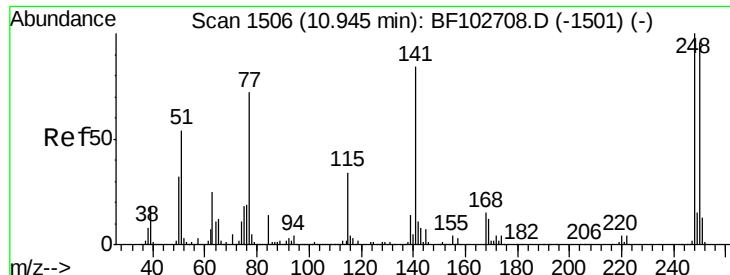
Tot Ion:198 Resp: 13668
 Ion Ratio Lower Upper
 198 100
 51 63.1 37.7 77.7
 105 52.7 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 43.631 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion:169 Resp: 533715
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.4 81.6
 167 36.5 29.8 44.6

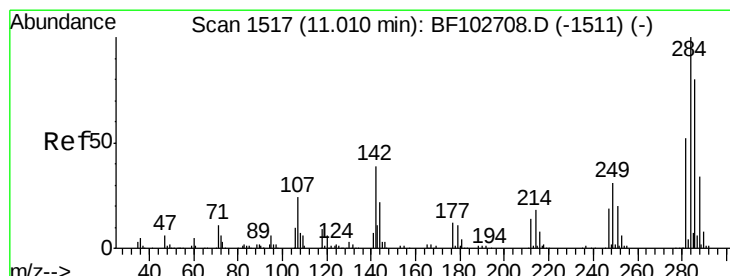
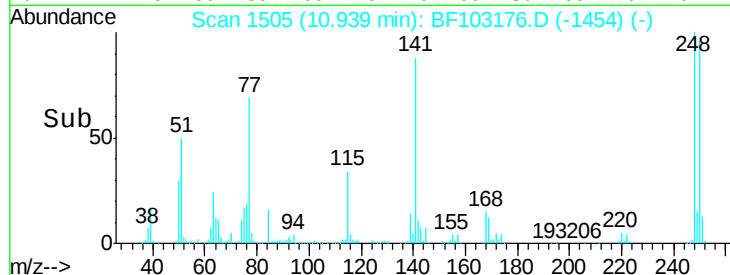
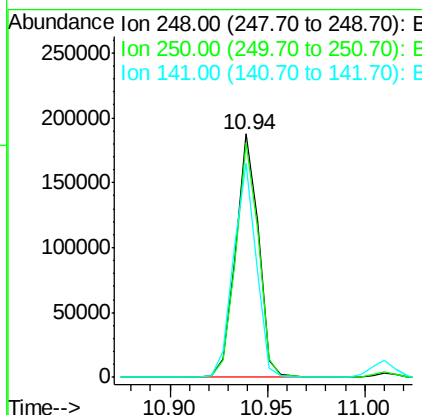
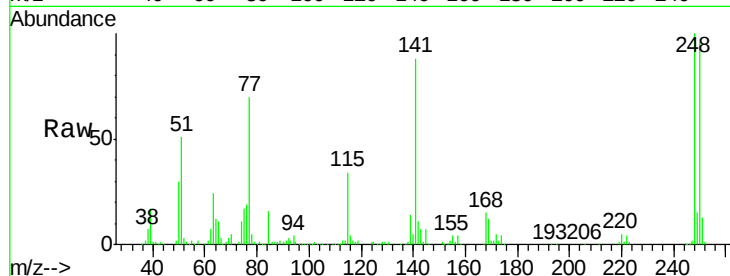




#66
 4-Bromophenyl-phenylether
 Concen: 41.525 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

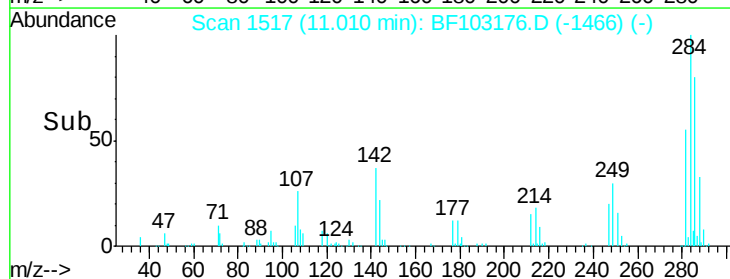
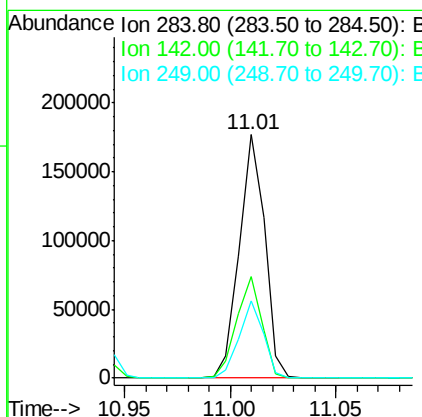
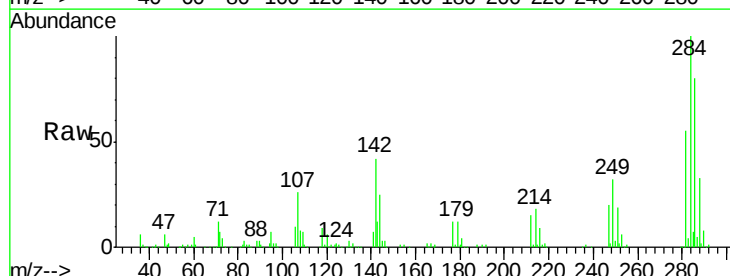
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

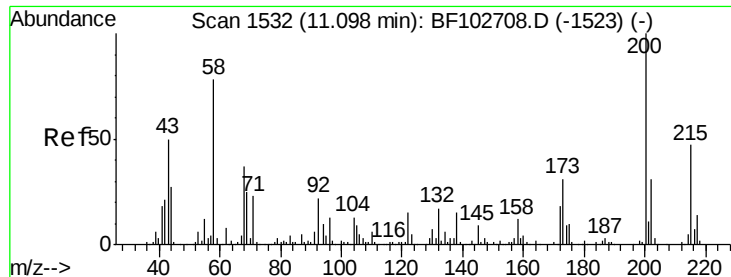
Tot Ion:248 Resp: 151969
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 88.0 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 37.149 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion:284 Resp: 147562
 Ion Ratio Lower Upper
 284 100
 142 41.5 34.6 52.0
 249 31.8 24.8 37.2

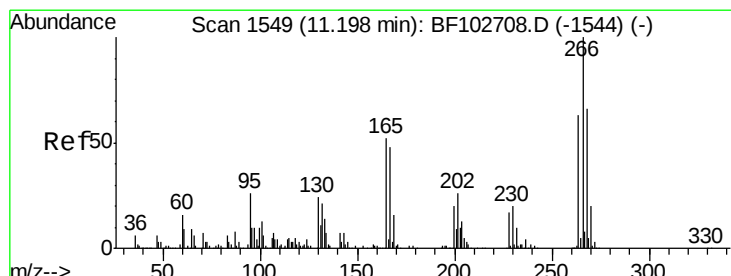
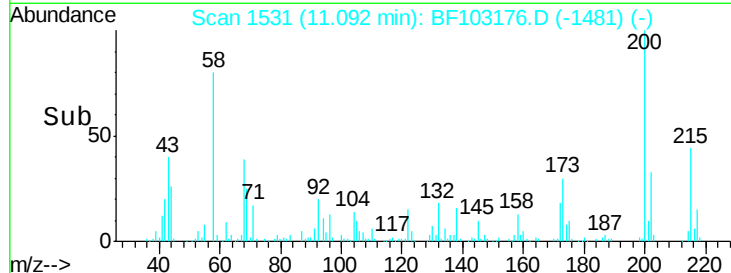
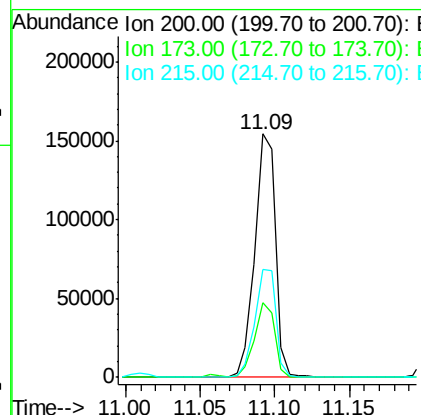
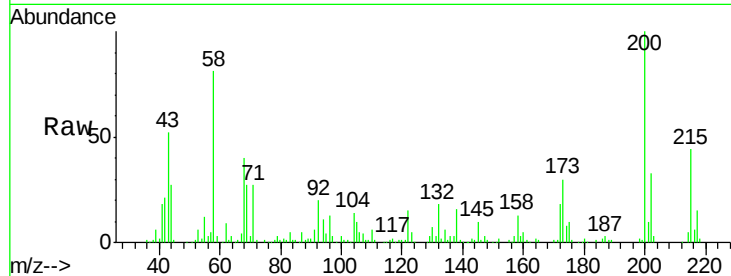




#68
 Atrazine
 Concen: 40.060 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

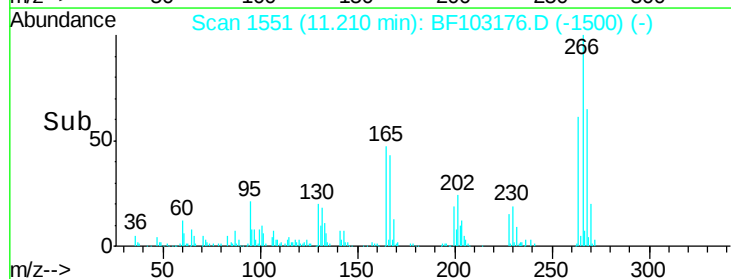
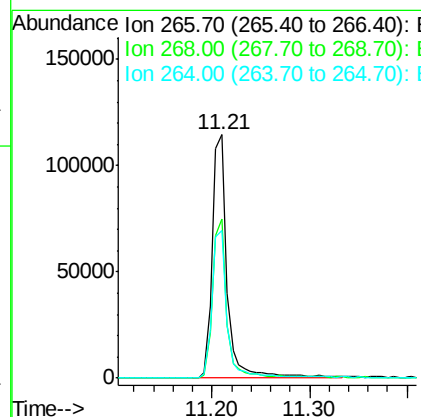
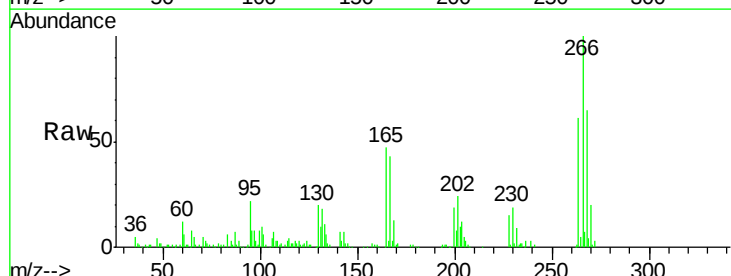
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

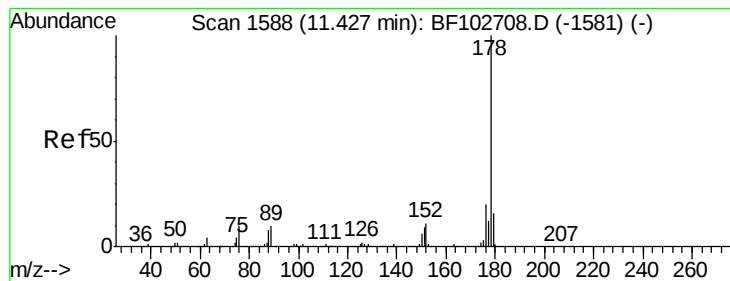
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.4	8.6	48.6
215	44.2	25.1	65.1



#69
 Pentachlorophenol
 Concen: 63.926 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	60.7	49.5	74.3





#70

Phenanthrene

Concen: 35.727 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

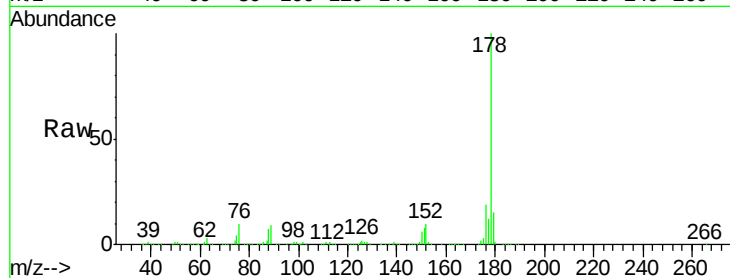
Tot Ion:178 Resp: 690747

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

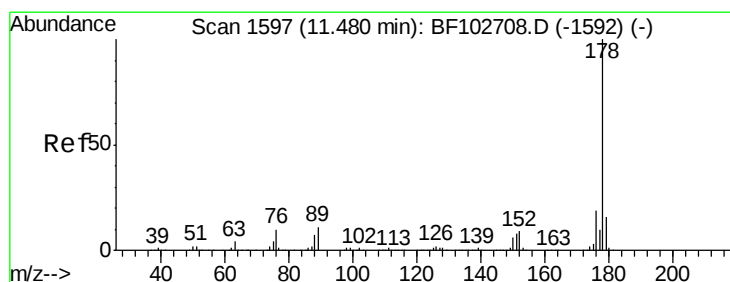
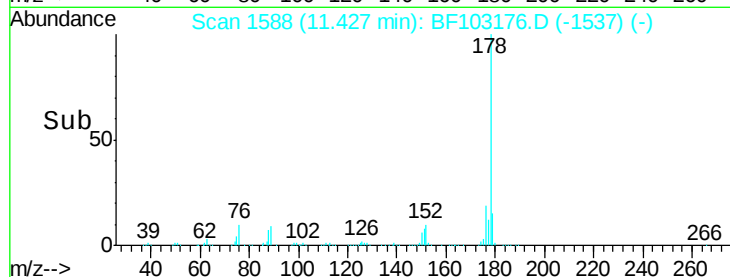
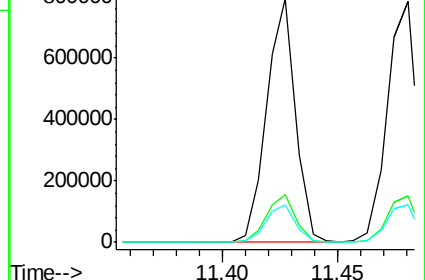
179 15.3 13.0 19.6



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: 35.714 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

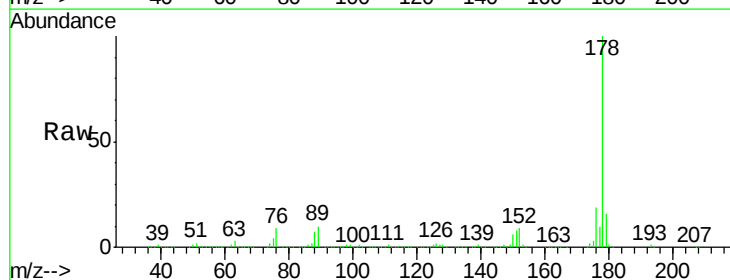
Tgt Ion:178 Resp: 708058

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

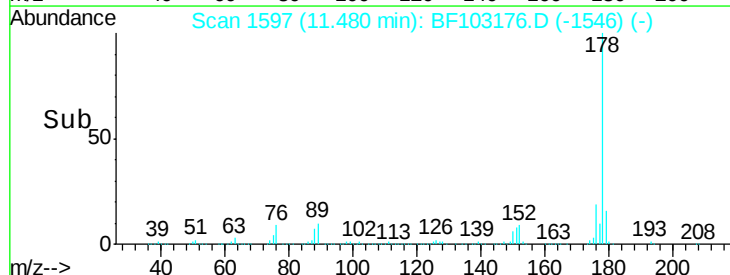
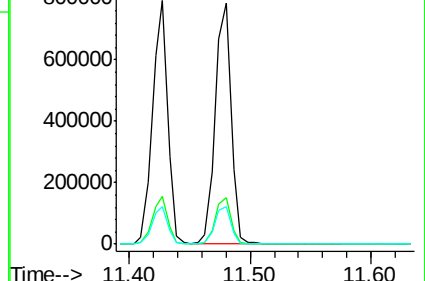
179 15.6 12.6 19.0

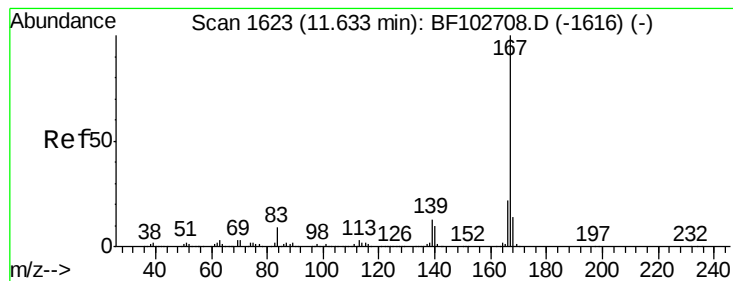


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 33.411 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

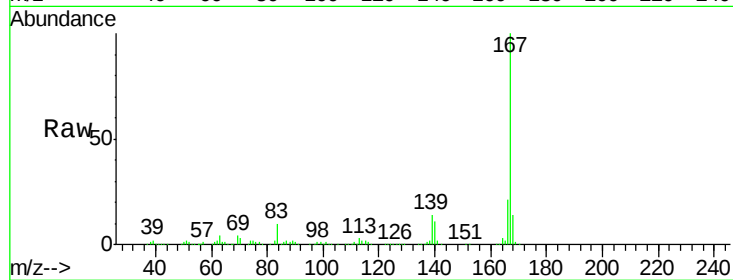
Tot Ion:167 Resp: 659638

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

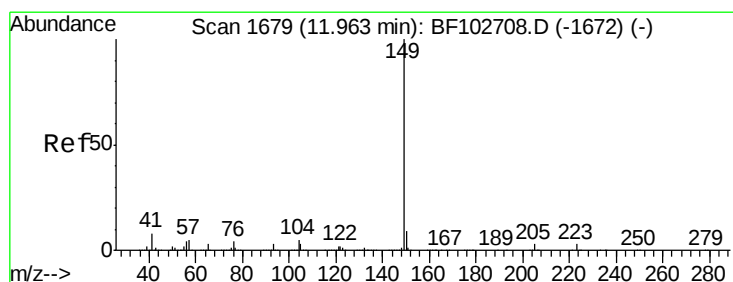
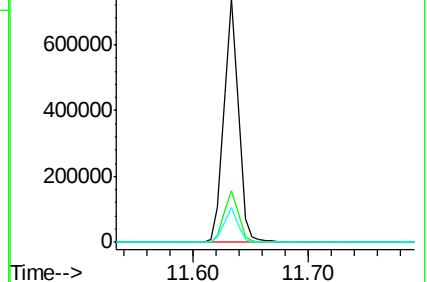
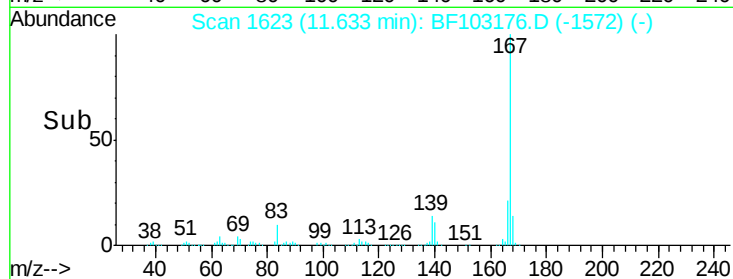
139 14.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 37.925 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

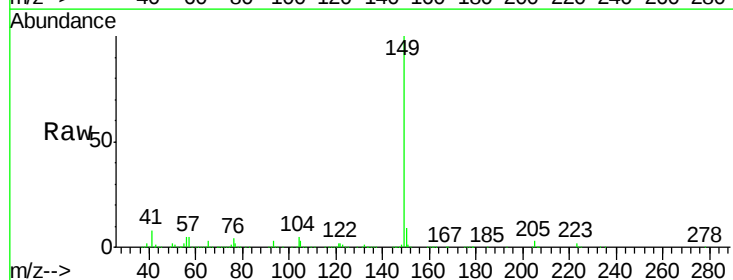
Tgt Ion:149 Resp: 936923

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

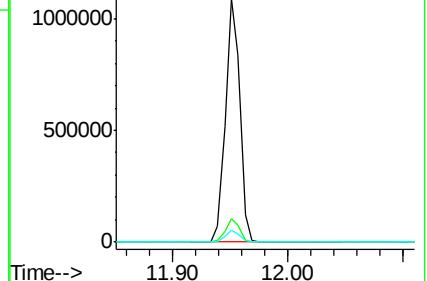
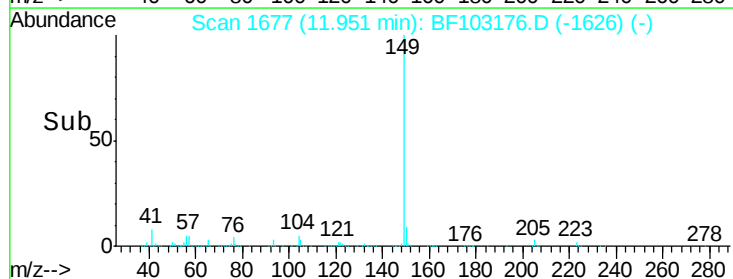
104 4.8 3.8 5.8

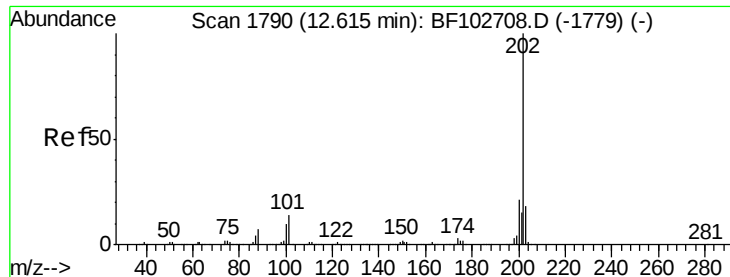


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 32.960 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

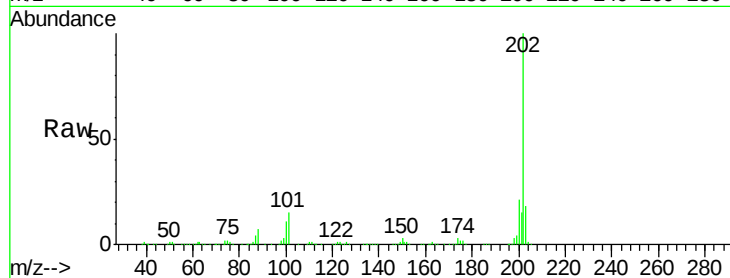
Tot Ion:202 Resp: 640370

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

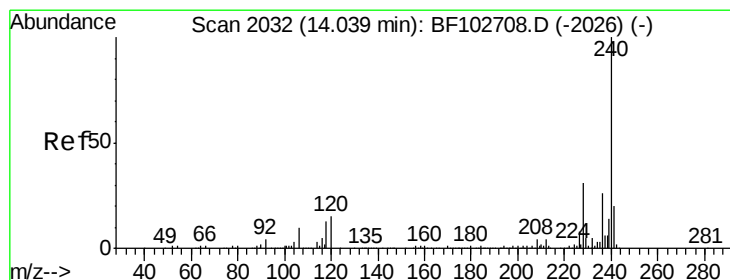
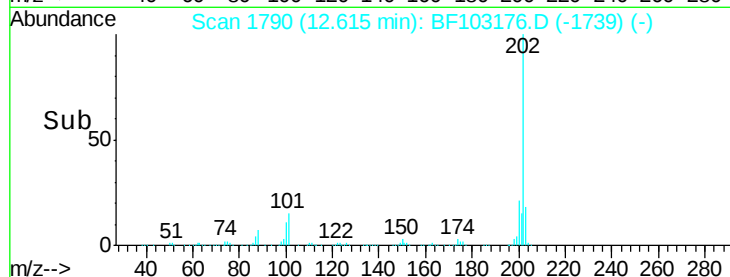
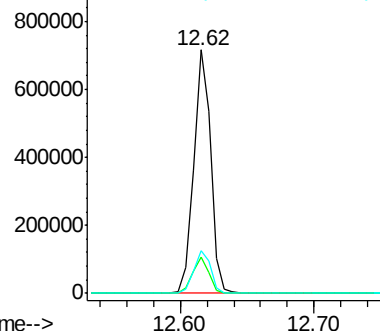
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

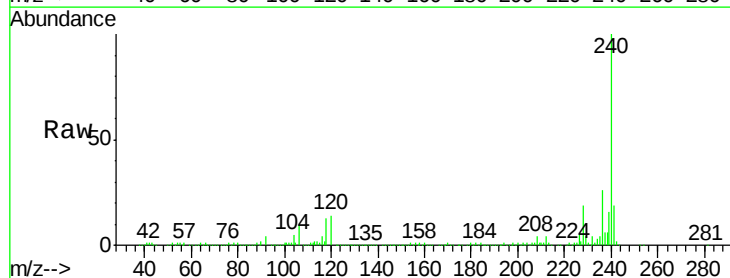
Tgt Ion:240 Resp: 272145

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

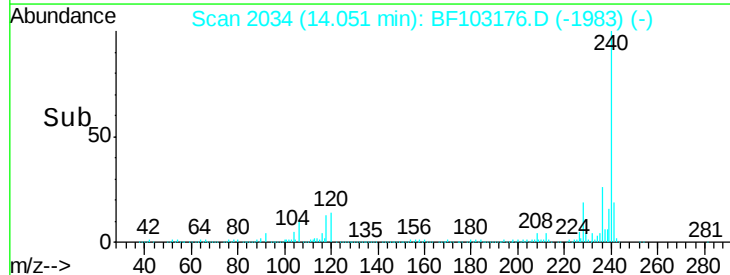
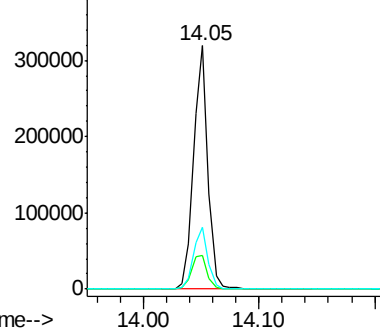
236 25.6 20.7 31.1

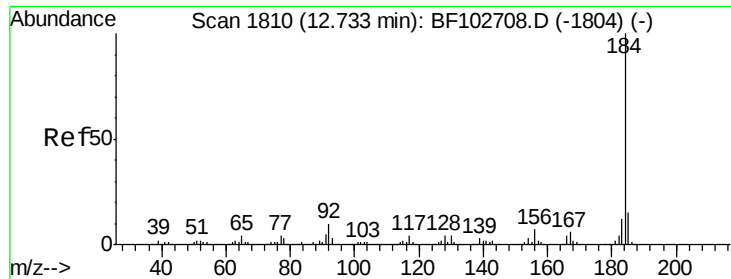


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

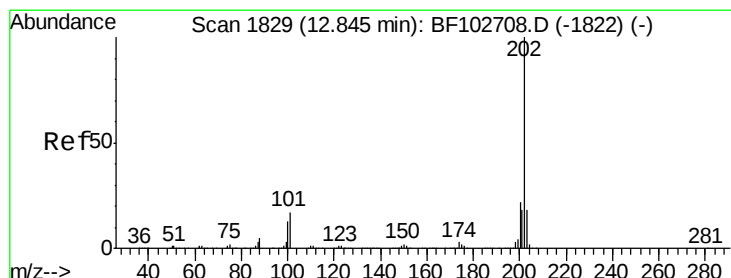
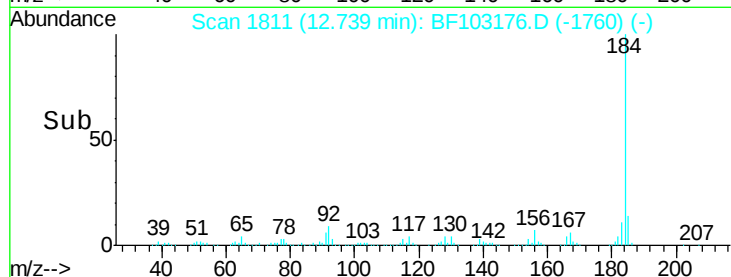
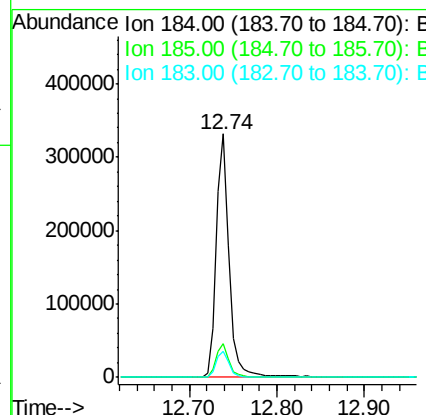
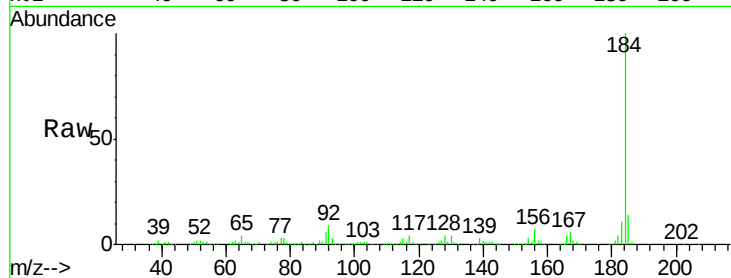




#76
Benzidine
Concen: 33.582 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

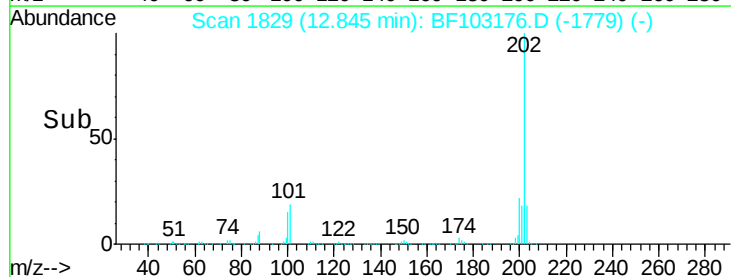
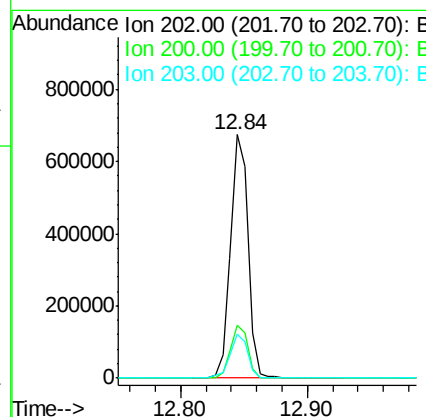
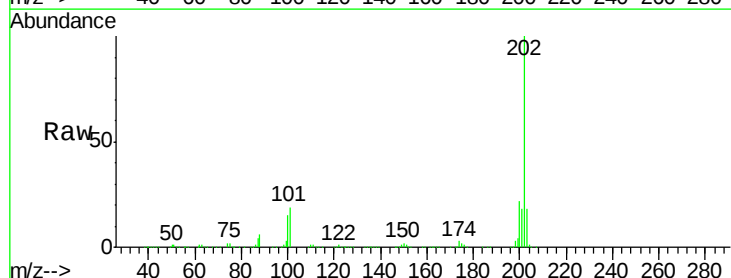
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

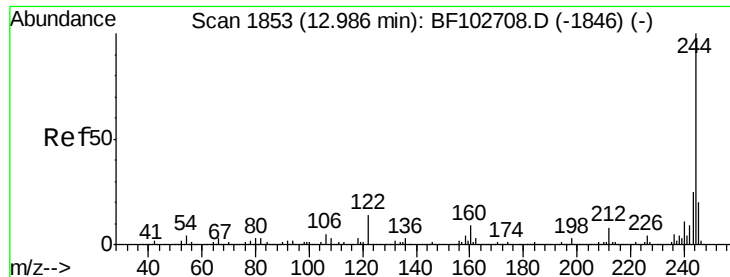
Tot Ion:184 Resp: 341669
Ion Ratio Lower Upper
184 100
185 14.0 12.6 18.8
183 10.8 9.3 13.9



#77
Pyrene
Concen: 30.256 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:202 Resp: 641966
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 18.0 14.3 21.5





#78

Terphenyl-d14

Concen: 66.803 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

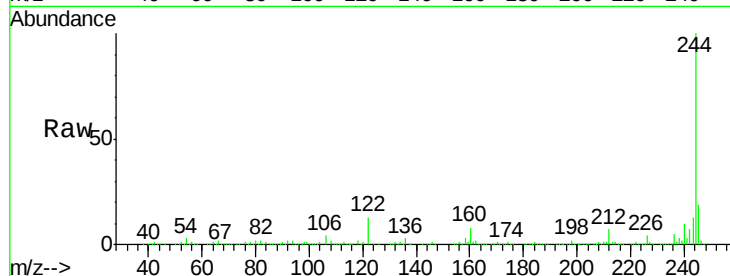
Tot Ion:244 Resp: 756288

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

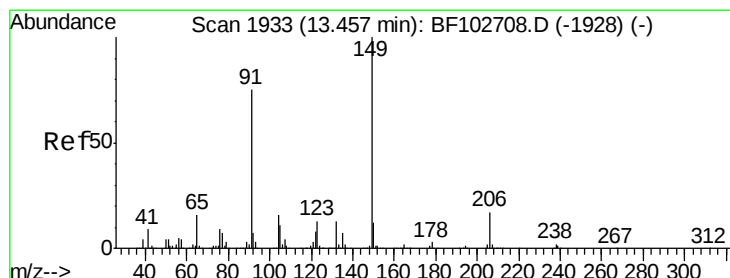
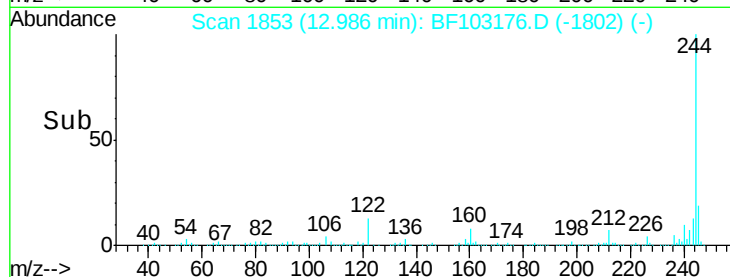
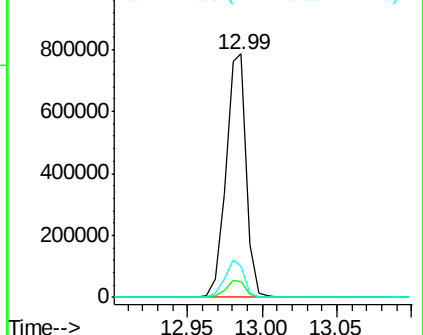
122 13.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 30.798 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

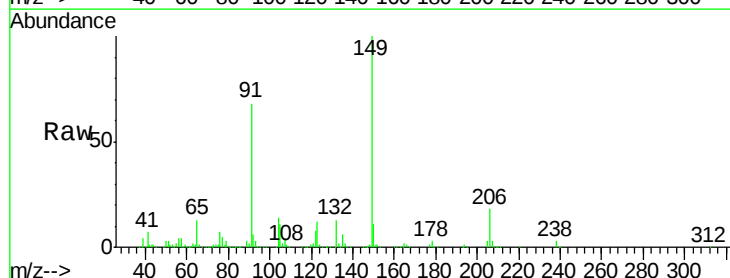
Tgt Ion:149 Resp: 345252

Ion Ratio Lower Upper

149 100

91 67.9 56.8 85.2

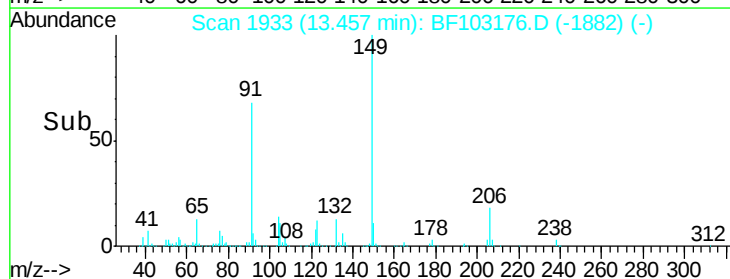
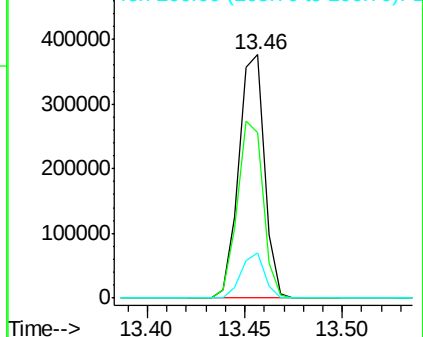
206 18.3 14.1 21.1

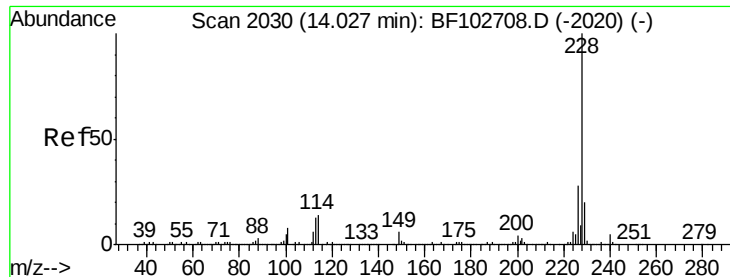


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.499 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

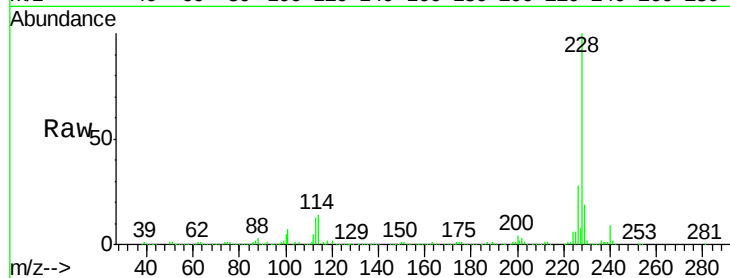
Tot Ion:228 Resp: 626830

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

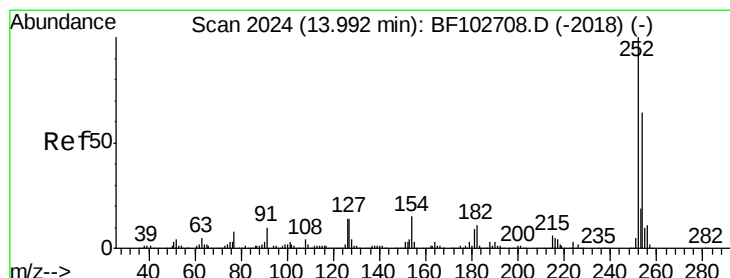
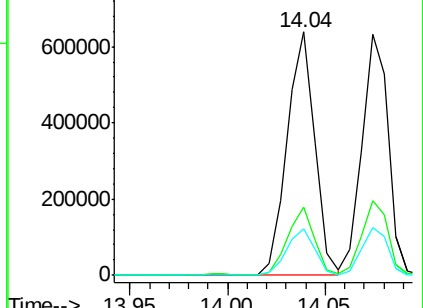
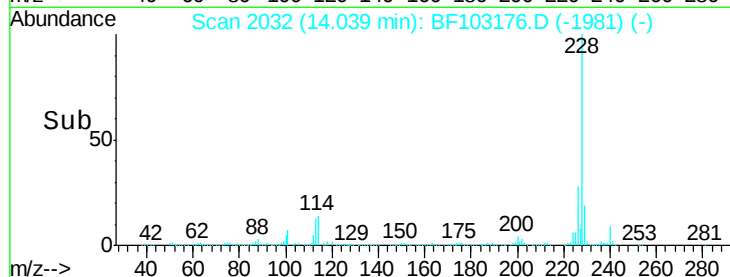
229 19.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 36.630 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

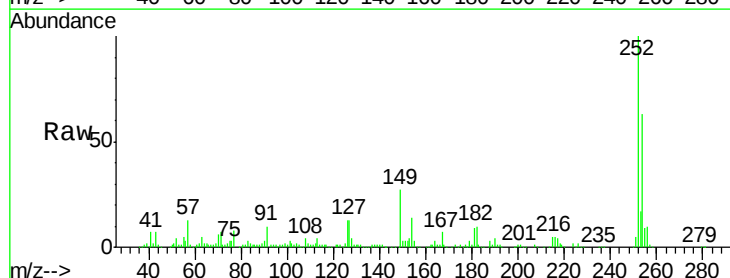
Tgt Ion:252 Resp: 230830

Ion Ratio Lower Upper

252 100

254 62.9 50.4 75.6

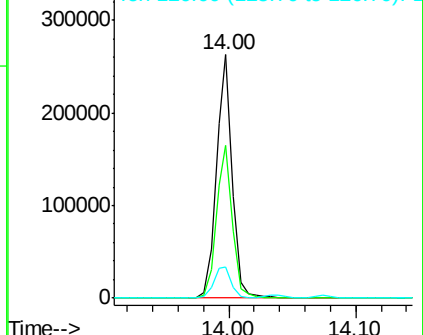
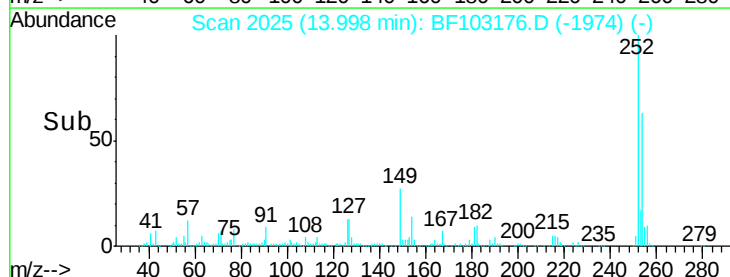
126 13.0 11.3 16.9

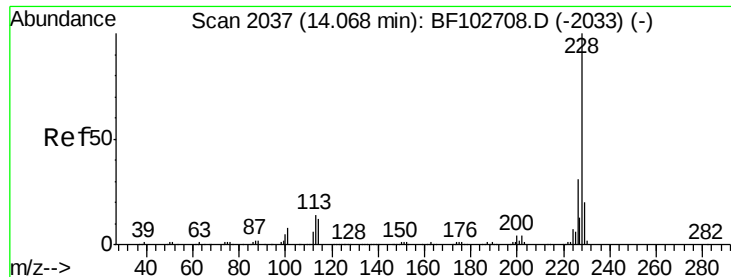


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.775 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

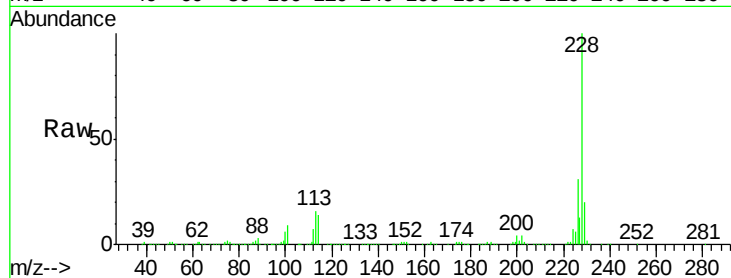
Tot Ion:228 Resp: 596226

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

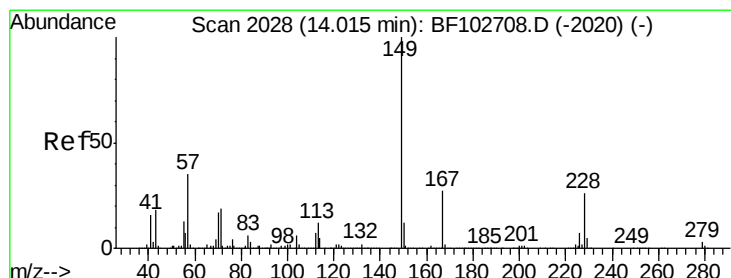
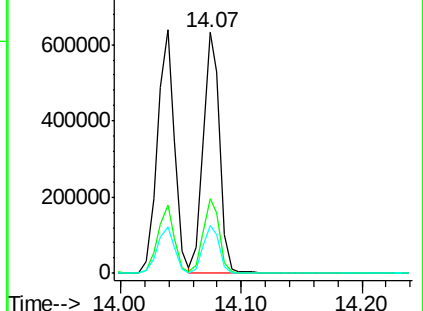
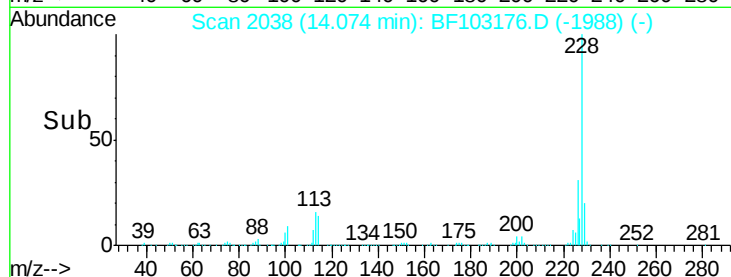
229 20.1 16.2 24.4



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: 31.849 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

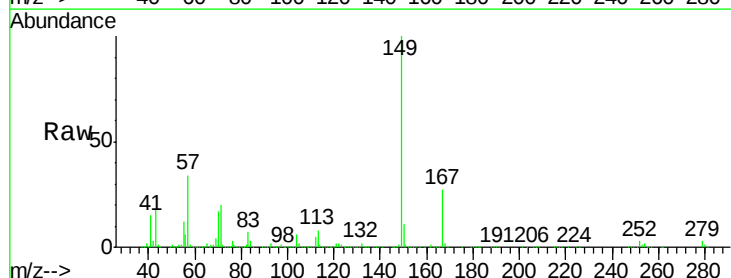
Tgt Ion:149 Resp: 481812

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

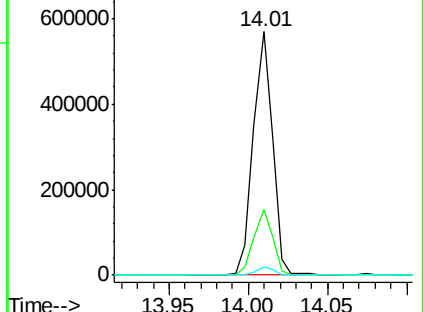
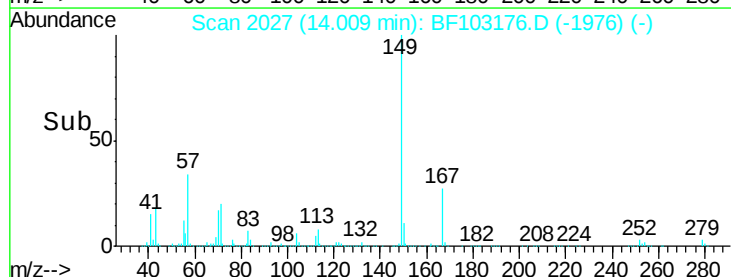
279 3.1 3.0 4.4

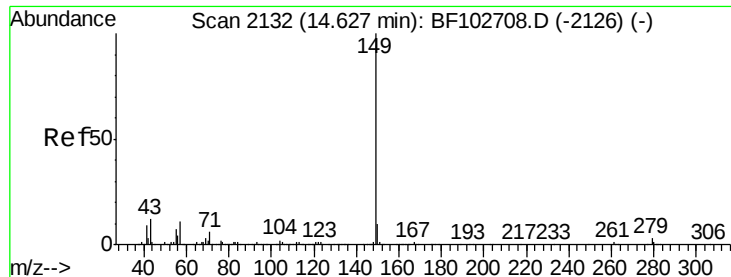


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

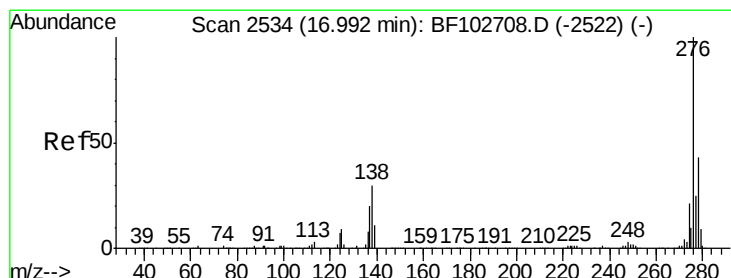
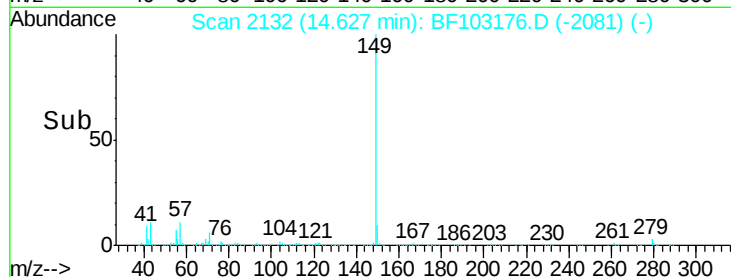
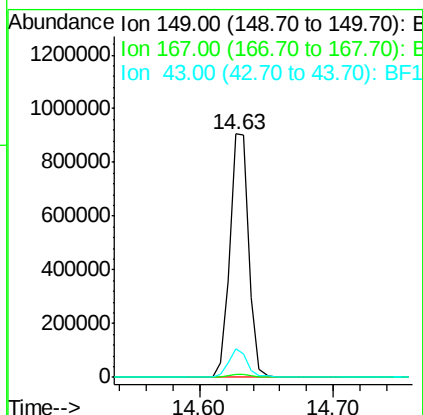
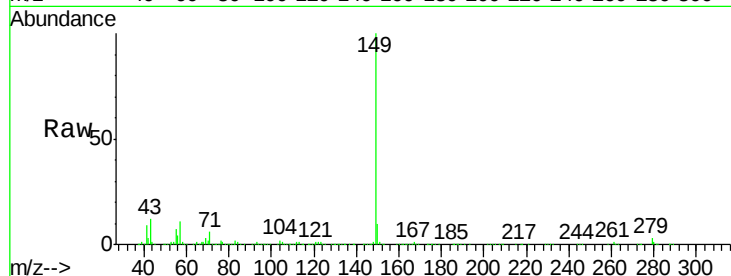




#84
Di-n-octyl phthalate
Concen: 37.120 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

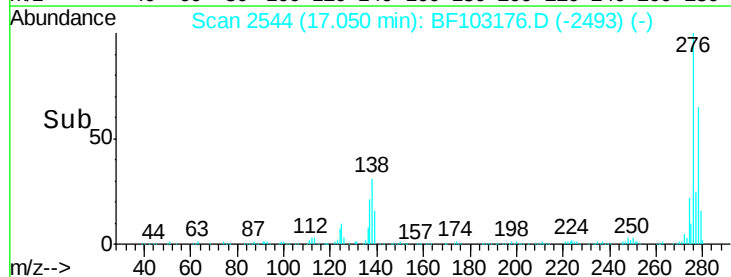
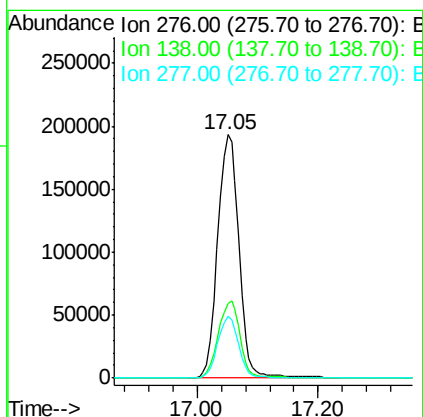
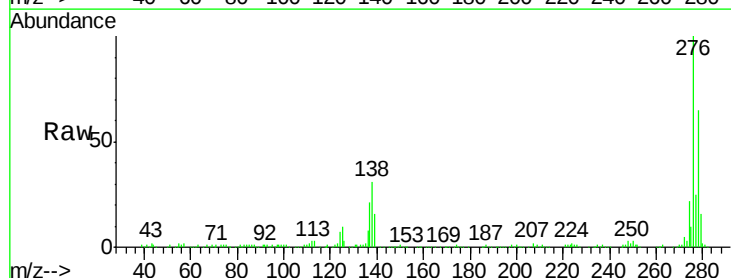
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

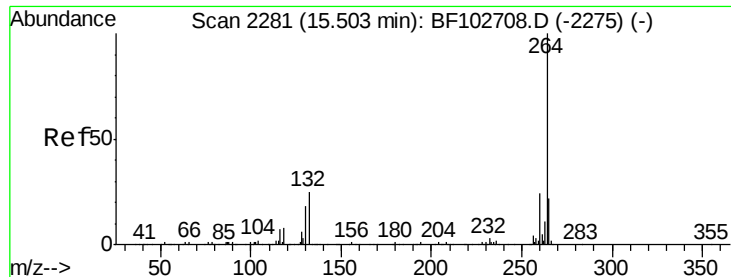
Tot Ion:149 Resp: 907297
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 34.975 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:276 Resp: 474737
Ion Ratio Lower Upper
276 100
138 32.5 25.0 37.6
277 24.8 20.1 30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMS

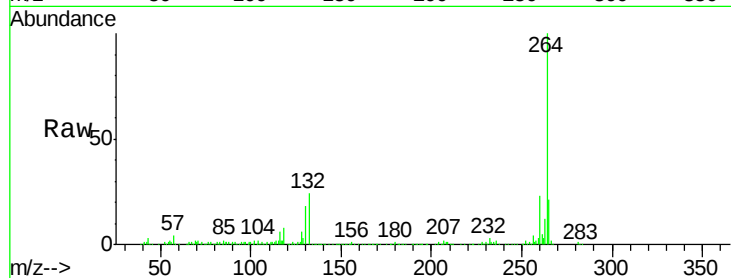
Tot Ion:264 Resp: 259870

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

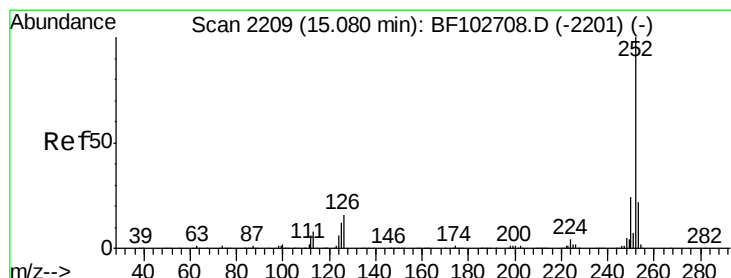
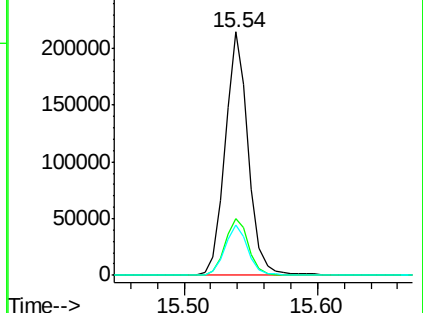
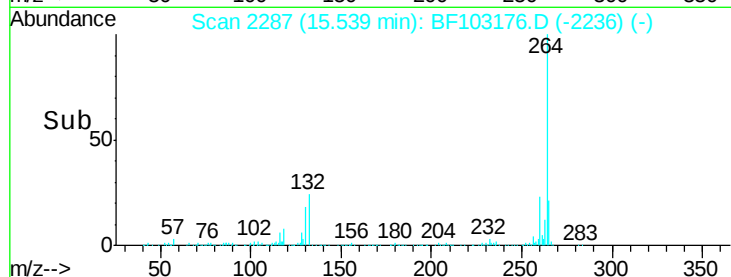
265 20.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 34.398 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

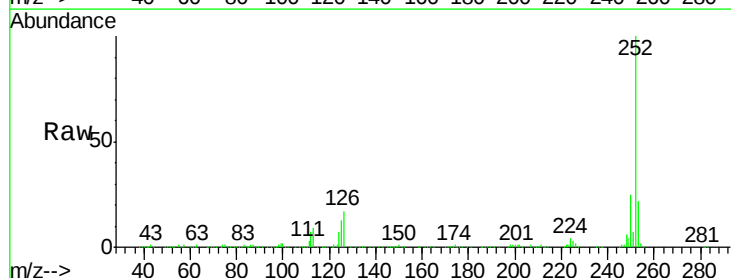
Tgt Ion:252 Resp: 587731

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

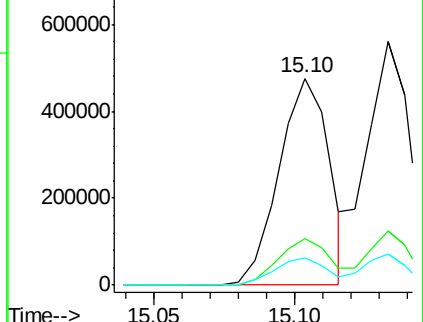
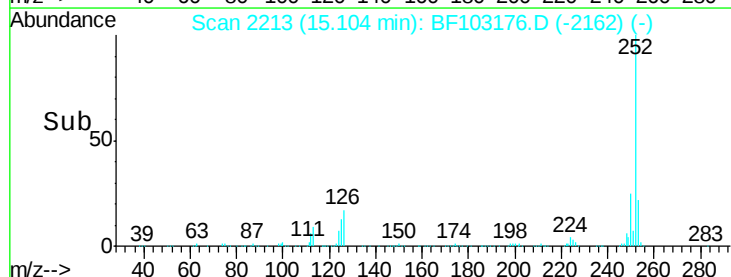
125 13.1 9.0 13.6

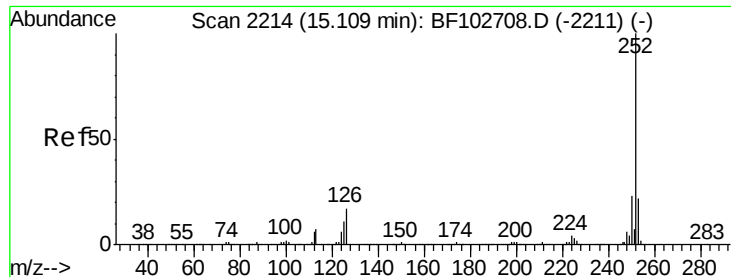


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

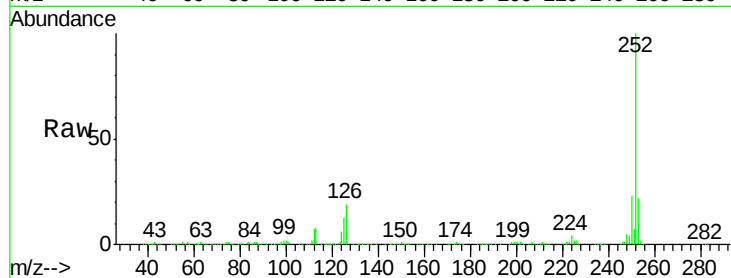




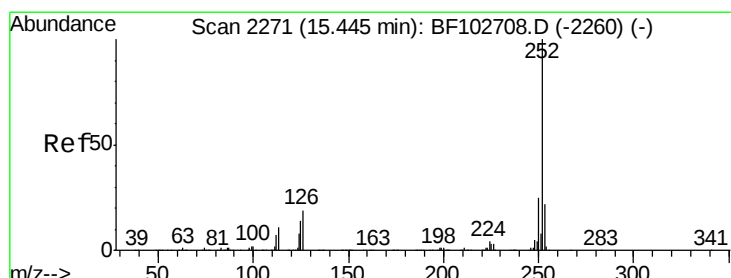
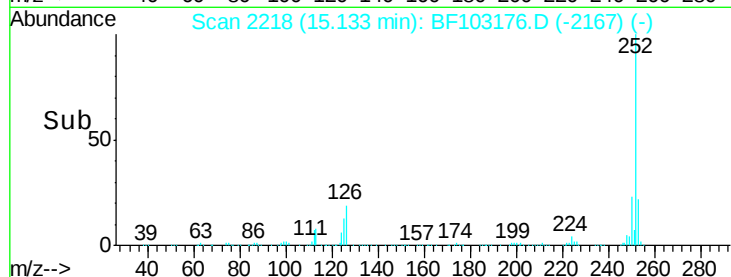
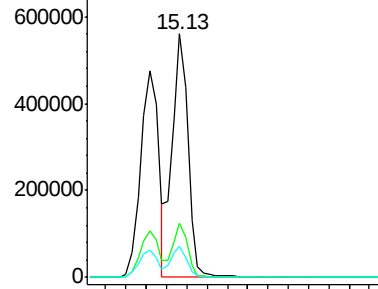
#88
Benzo(k)fluoranthene
Concen: 38.111 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion:252 Resp: 613190
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.7 10.2 15.2

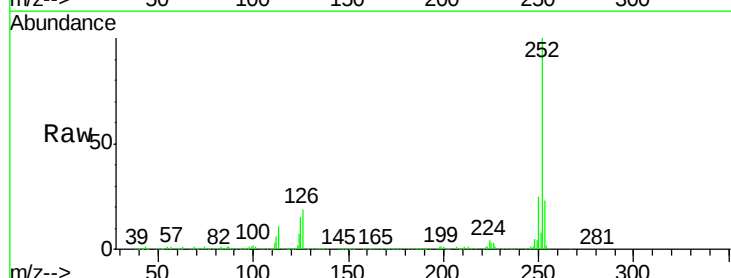


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

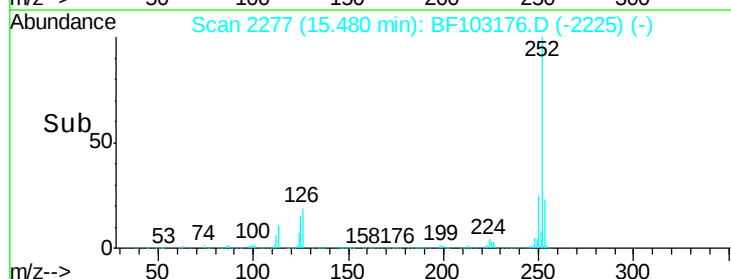
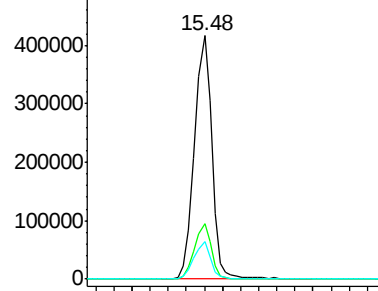


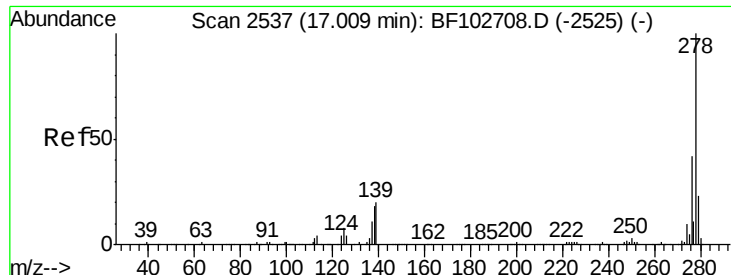
#89
Benzo(a)pyrene
Concen: 36.406 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:252 Resp: 555480
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 15.3 9.8 14.6#



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



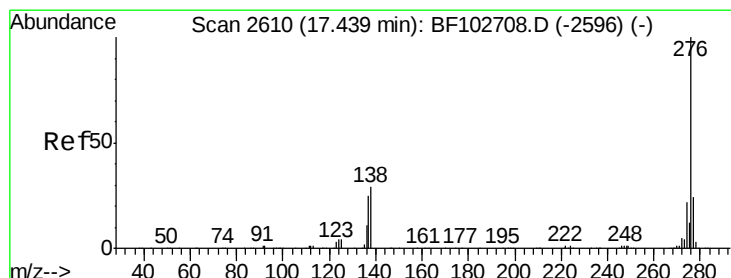
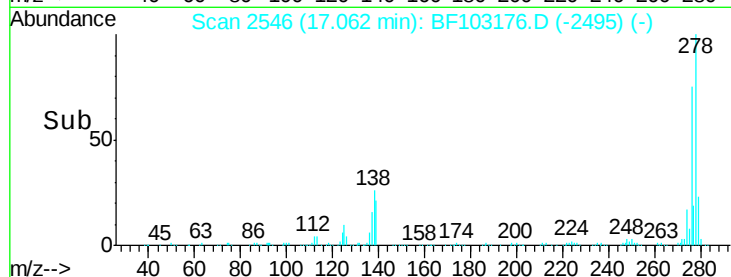
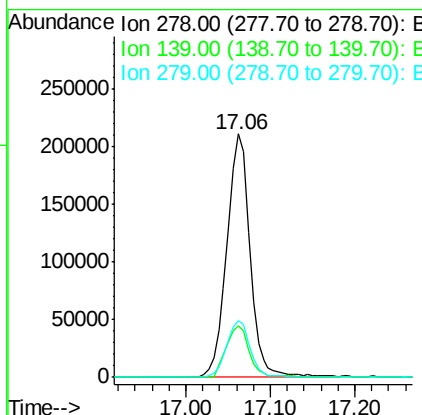
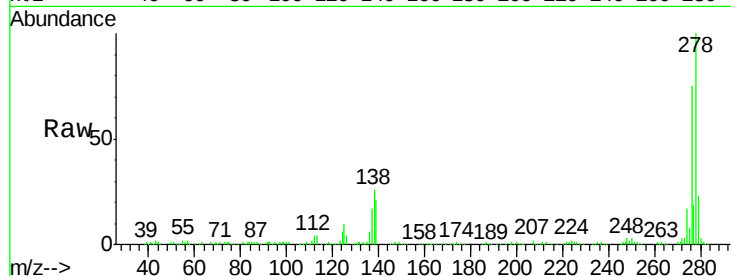


#90
Dibenzo(a,h)anthracene
Concen: 33.954 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion:278 Resp: 400321

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	23.4	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 32.186 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion:276 Resp: 370873

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	30.1	21.8	32.8

