

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103175.D
 Acq On : 22 Feb 2018 21:01
 Operator : SJ/JU
 Sample : J1635-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

Quant Time: Feb 23 04:27:18 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	164649	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	683949	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	265398	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	354404	20.00	ng	0.00
75) Chrysene-d12	14.04	240	283024	20.00	ng	0.00
86) Perylene-d12	15.54	264	260811	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	955477	87.77	ng	0.01
7) Phenol-d6	6.50	99	1142027	85.73	ng	0.00
23) Nitrobenzene-d5	7.43	82	717372	59.90	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	156341	69.59	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1051408	64.34	ng	0.00
78) Terphenyl-d14	12.98	244	625597	53.14	ng	0.00

Target Compounds				Qvalue		
3) Pyridine	3.21	79	106	0.007	ng	# 21
4) n-Nitrosodimethylamine	3.45	42	144	0.023	ng	# 1
6) Aniline	6.64	93	1331	0.069	ng	# 1
8) 2-Chlorophenol	6.66	128	279	0.025	ng	# 1
9) Benzaldehyde	6.65	77	18935	1.340	ng	86
10) Phenol	6.52	94	3051	0.197	ng	# 6
11) bis(2-Chloroethyl)ether	6.64	93	1331	0.113	ng	# 1
12) 1,3-Dichlorobenzene	7.03	146	130	0.010	ng	# 1
13) 1,4-Dichlorobenzene	7.03	146	130	0.010	ng	# 1
14) 1,2-Dichlorobenzene	7.03	146	130	0.011	ng	# 1
15) Benzyl Alcohol	7.03	79	11035	1.099	ng	# 34
16) 2,2'-oxybis(1-Chloropropan	7.06	45	109	0.005	ng	70
24) Nitrobenzene	7.43	77	1991	0.151	ng	# 26
45) 1,1'-Biphenyl	9.33	154	3055	0.137	ng	92
46) 2-Chloronaphthalene	9.62	162	732	0.042	ng	# 1
47) 2-Nitroaniline	9.62	65	937	0.144	ng	# 1
49) Dimethylphthalate	9.62	163	85943	4.037	ng	99
51) Acenaphthene	9.91	154	927	0.059	ng	# 4
57) Fluorene	10.70	166	8601	0.466	ng	# 79
59) Diethylphthalate	10.32	149	6651	0.327	ng	97
62) Azobenzene	10.67	77	114	0.006	ng	# 50
65) n-Nitrosodiphenylamine	10.70	169	5873	0.476	ng	# 45
70) Phenanthrene	11.42	178	428	0.022	ng	# 59
71) Anthracene	11.42	178	428	0.021	ng	# 60
72) Carbazole	11.64	167	121	0.006	ng	# 59
73) Di-n-butylphthalate	11.95	149	1530	0.061	ng	# 78
74) Fluoranthene	12.62	202	793	0.040	ng	62
76) Benzidine	12.98	184	8357	0.790	ng	98
77) Pyrene	12.84	202	567	0.026	ng	# 57
79) Butylbenzylphthalate	13.46	149	568	0.049	ng	# 34
80) Benzo(a)anthracene	14.04	228	2357	0.128	ng	# 62
82) Chrysene	14.07	228	1938	0.109	ng	96
83) Bis(2-ethylhexyl)phthalate	14.01	149	6321	0.402	ng	# 93
84) Di-n-octyl phthalate	14.63	149	2325	0.091	ng	# 42

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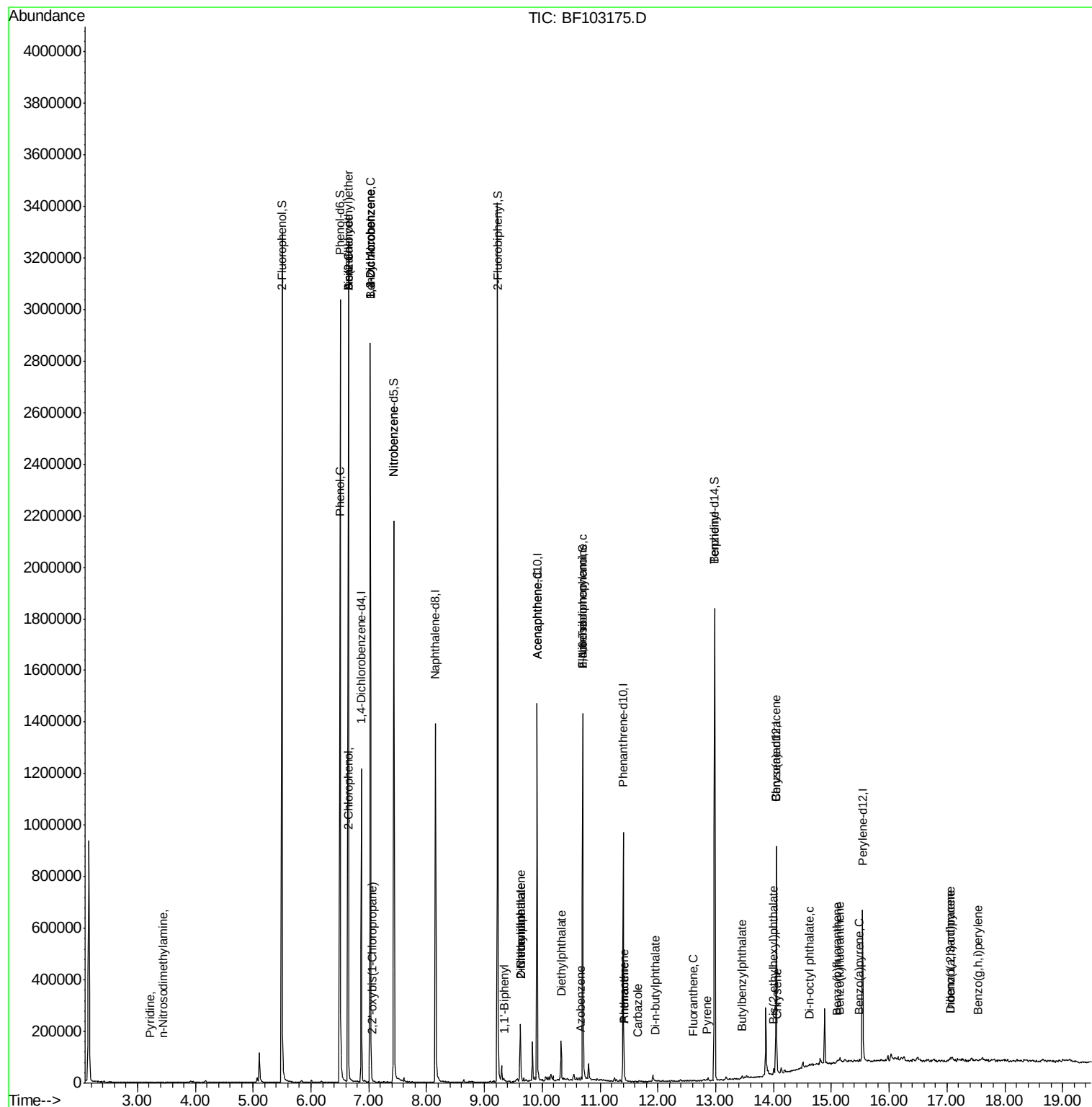
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	17.07	276	3520	0.249	ng	# 81
87) Benzo(b)fluoranthene	15.10	252	3911	0.228	ng	# 71
88) Benzo(k)fluoranthene	15.13	252	3587	0.222	ng	# 72
89) Benzo(a)pyrene	15.47	252	2956	0.193	ng	# 68
90) Dibenzo(a,h)anthracene	17.07	278	2348	0.198	ng	# 39
91) Benzo(a,h,i)perylene	17.53	276	2872	0.248	ng	# 77

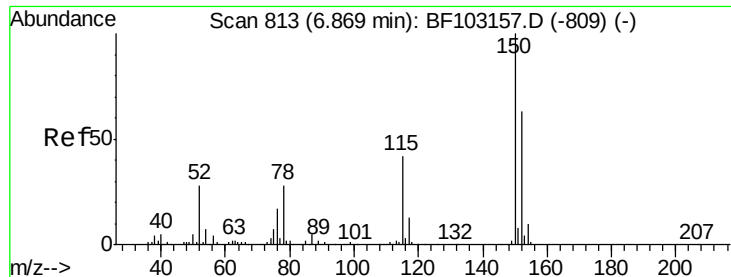
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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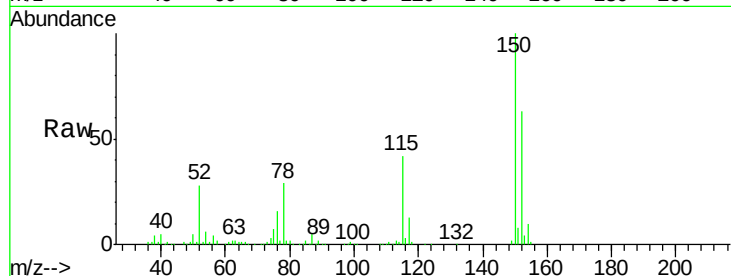


#1

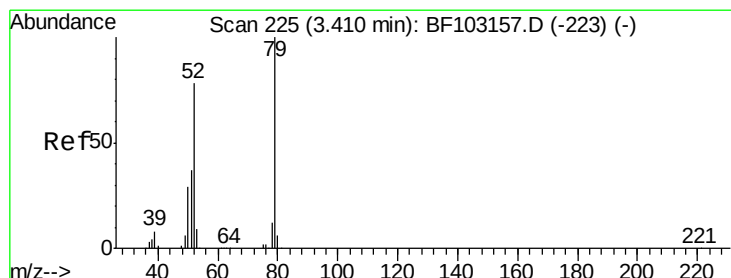
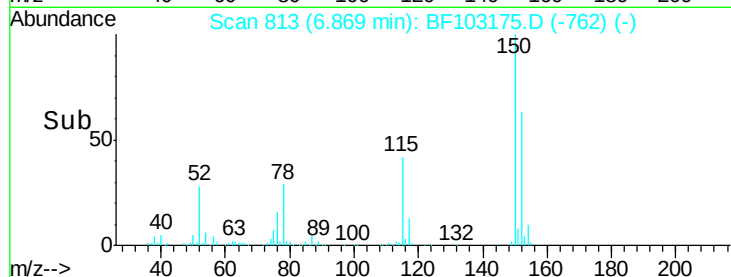
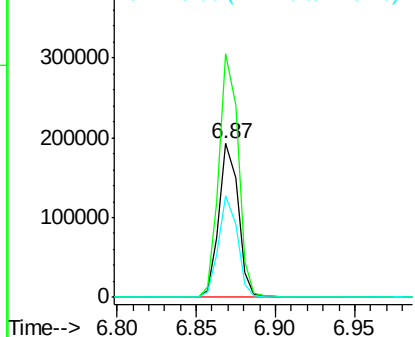
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

Tot Ion:152 Resp: 164649
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 66.3 50.1 75.1



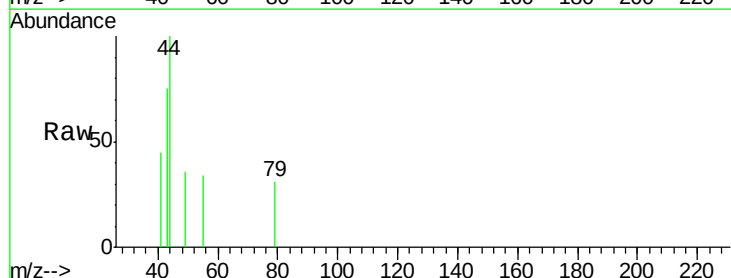
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



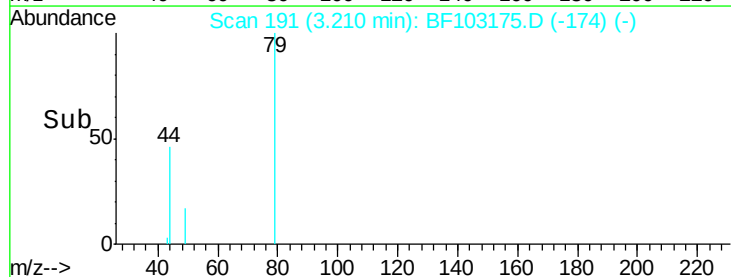
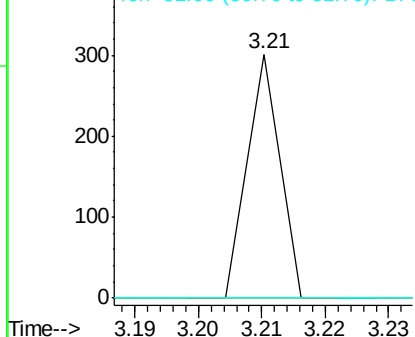
#3

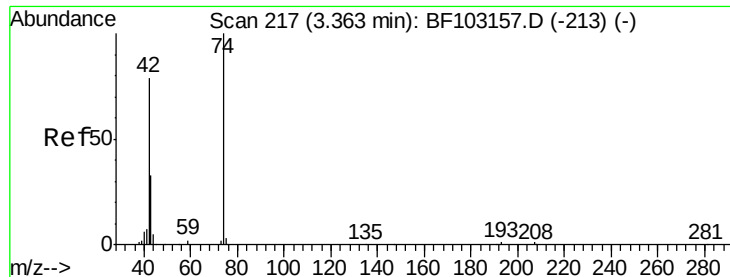
Pyridine
Concen: 0.007 ng
RT: 3.21 min Scan# 191
Delta R.T. -0.20 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Tgt Ion: 79 Resp: 106
Ion Ratio Lower Upper
79 100
52 0.0 59.8 89.6#
51 0.0 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: 0.023 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

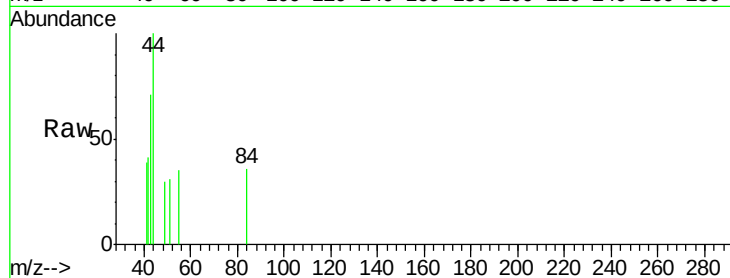
Tot Ion: 42 Resp: 144

Ion Ratio Lower Upper

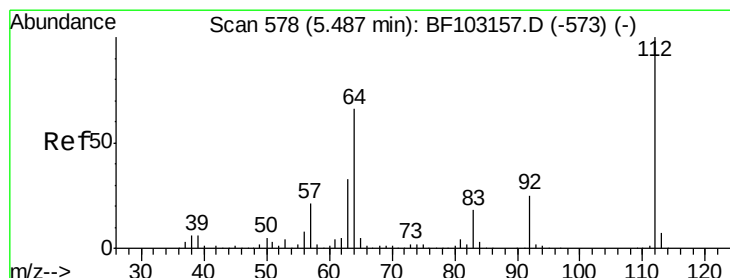
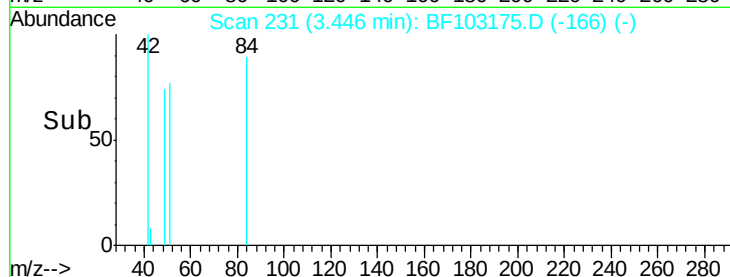
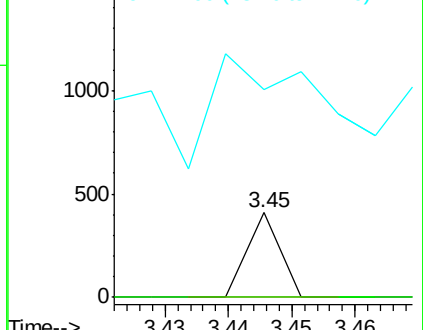
42 100

74 0.0 104.9 157.3#

44 245.5 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: 87.768 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

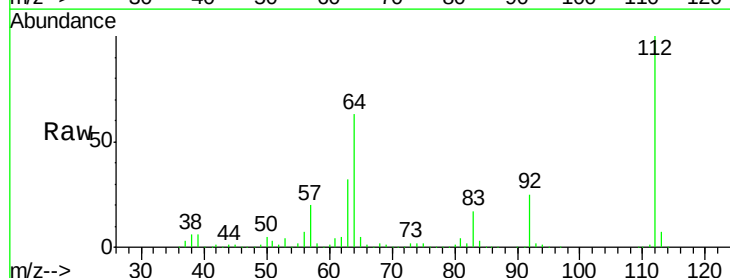
Tgt Ion: 112 Resp: 955477

Ion Ratio Lower Upper

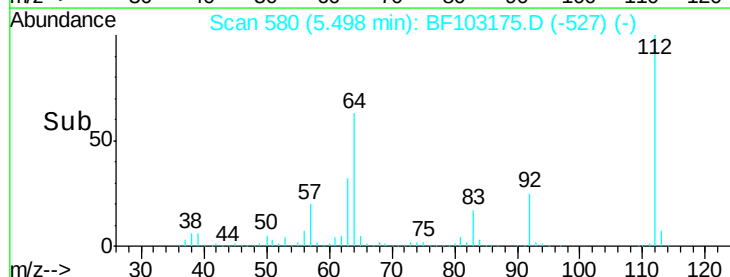
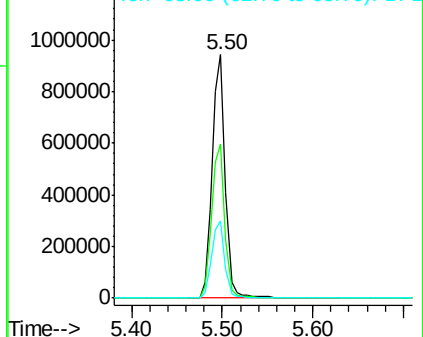
112 100

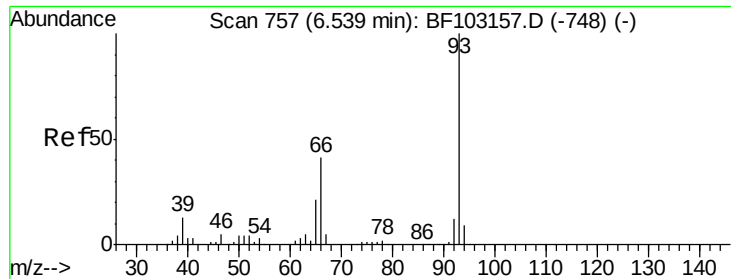
64 63.0 47.9 71.9

63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.069 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.10 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

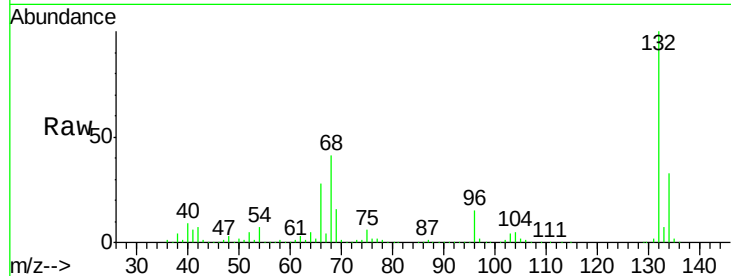
Tot Ion: 93 Resp: 1331

Ion Ratio Lower Upper

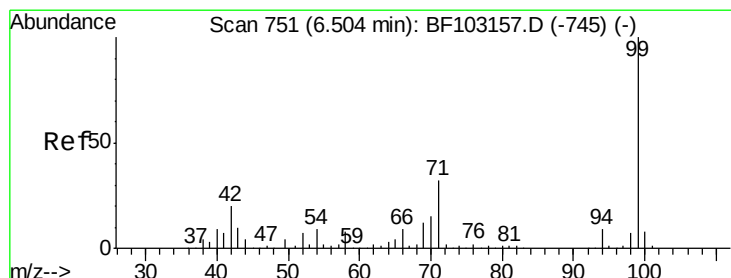
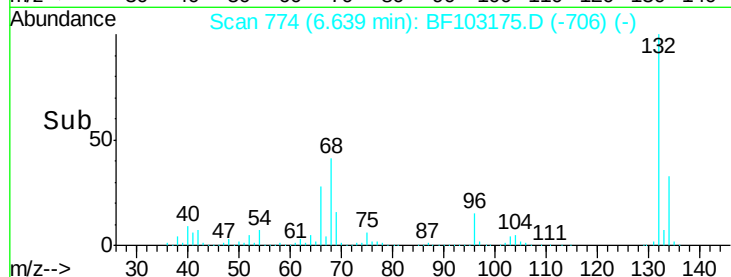
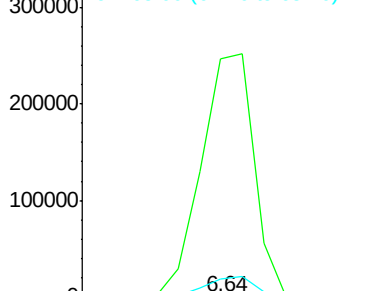
93 100

66 18808.9 32.2 48.2#

65 1446.6 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: 85.730 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

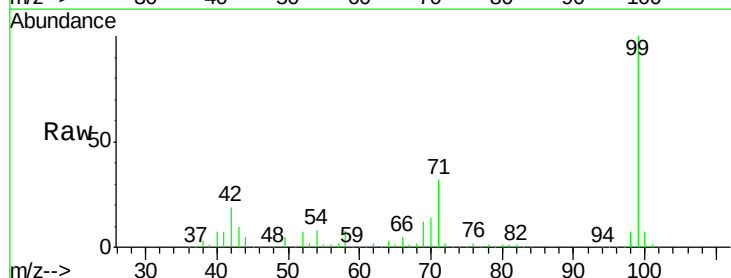
Tgt Ion: 99 Resp: 1142027

Ion Ratio Lower Upper

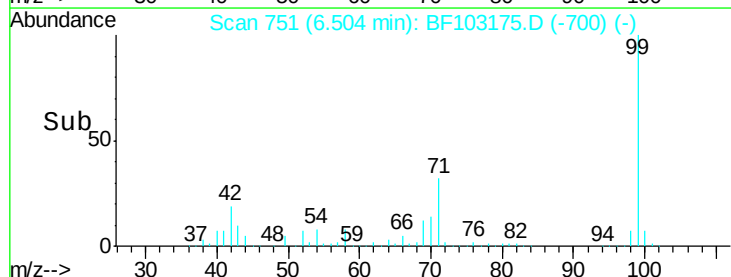
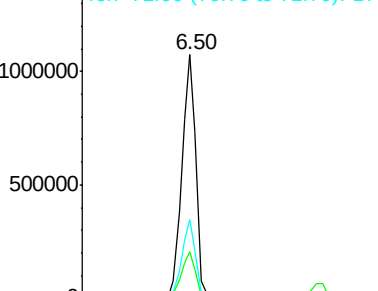
99 100

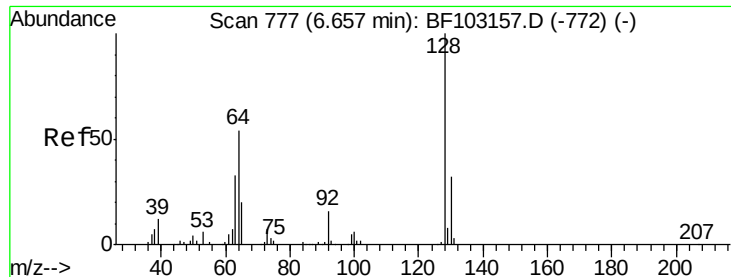
42 19.3 14.5 21.7

71 32.1 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: 0.025 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

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TP-1-3FT

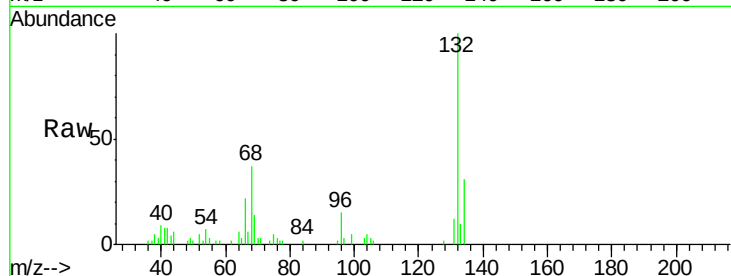
Tot Ion:128 Resp: 279

Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

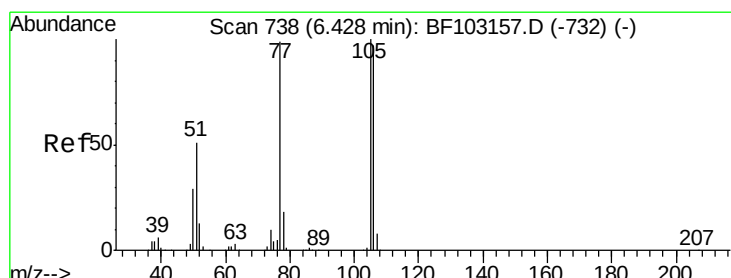
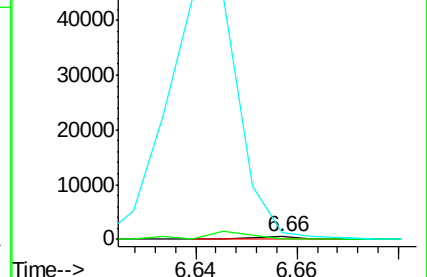
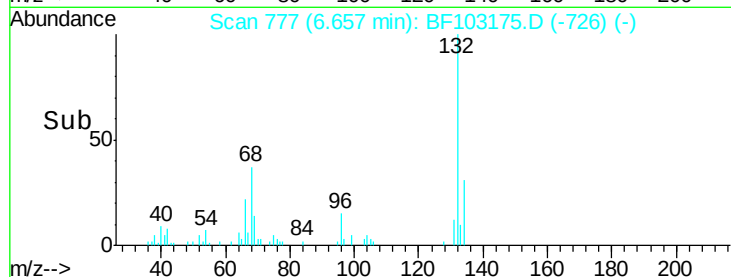
64 269.7 29.4 69.4#



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: 1.340 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.22 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

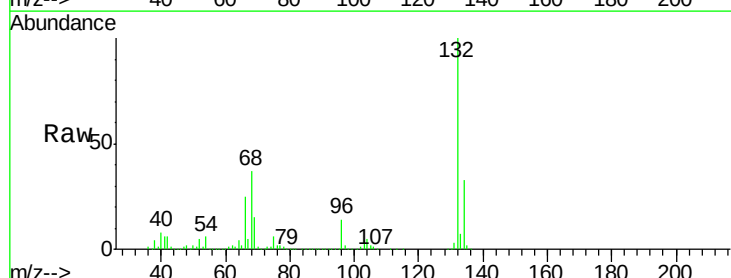
Tgt Ion: 77 Resp: 18935

Ion Ratio Lower Upper

77 100

105 89.8 81.1 121.1

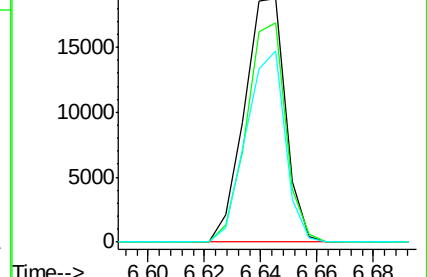
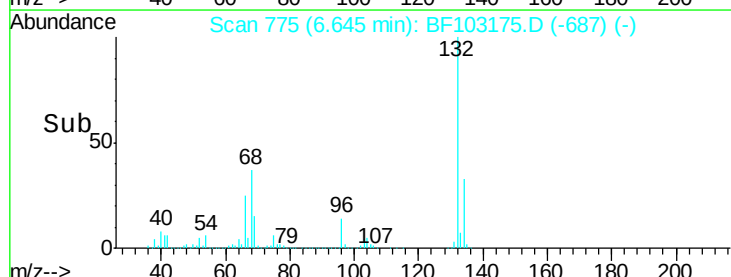
106 78.8 74.5 114.5

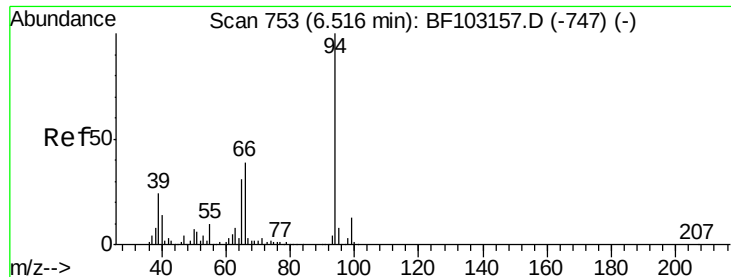


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

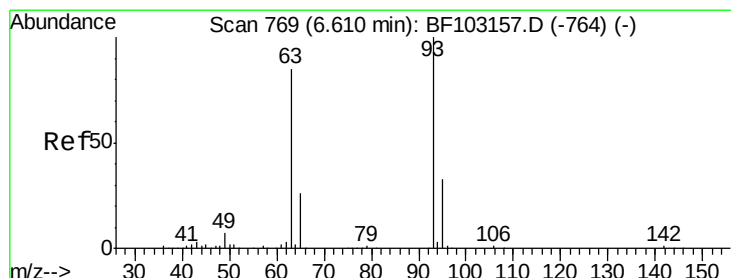
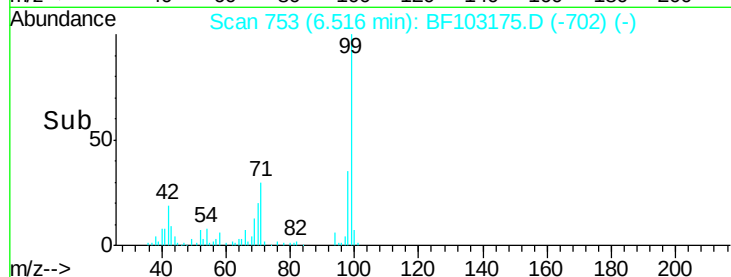
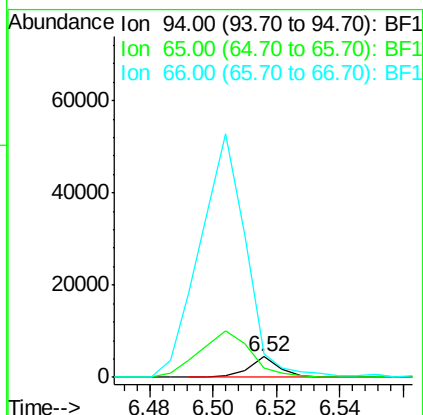
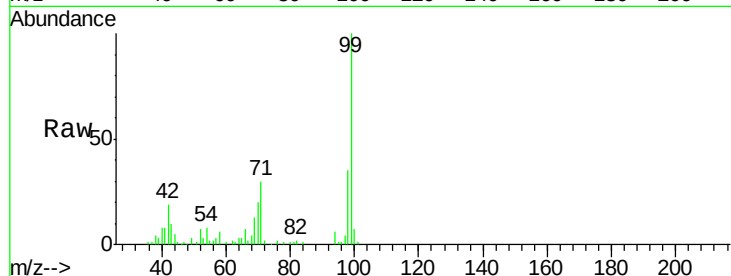




#10
Phenol
Concen: 0.197 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

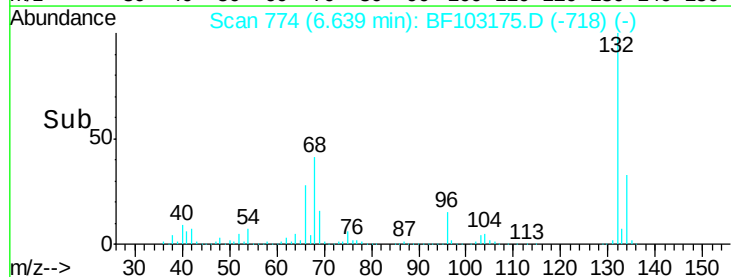
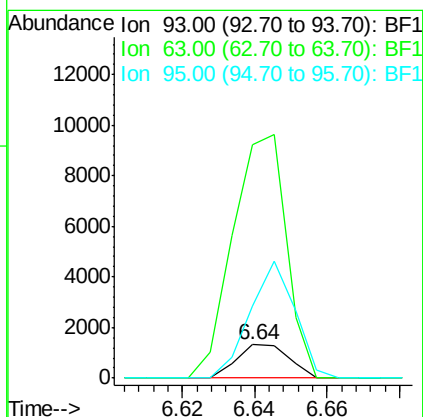
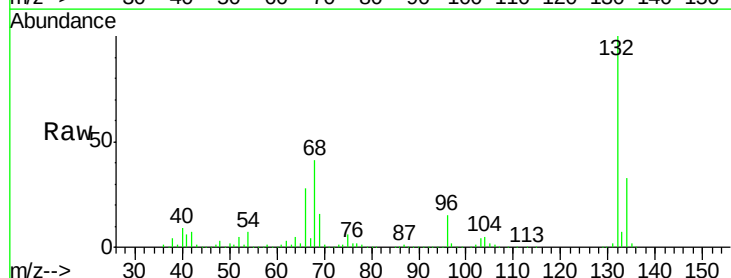
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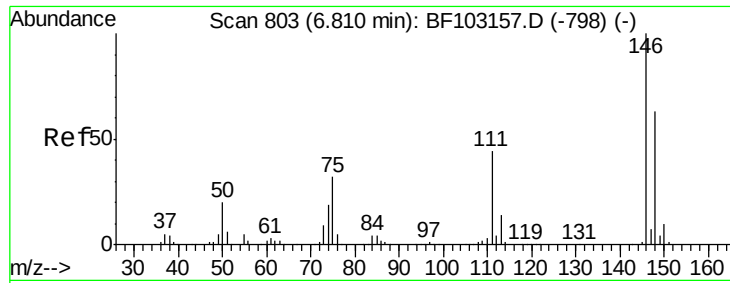
Tot Ion: 94 Resp: 3051
Ion Ratio Lower Upper
94 100
65 47.9 7.9 47.9#
66 116.5 16.2 56.2#



#11
bis(2-Chloroethyl)ether
Concen: 0.113 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.03 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Tgt Ion: 93 Resp: 1331
Ion Ratio Lower Upper
93 100
63 703.3 58.6 98.6#
95 219.3 11.8 51.8#

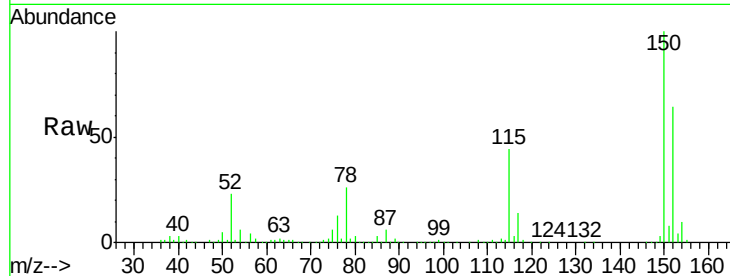




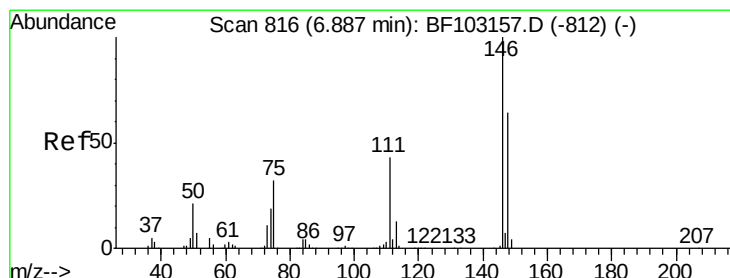
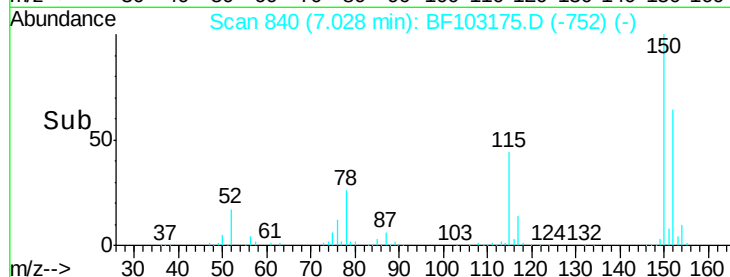
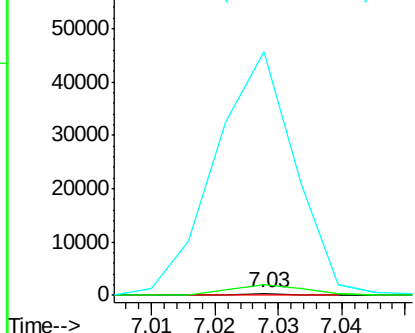
#12
 1,3-Dichlorobenzene
 Concen: 0.010 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.22 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

Tot Ion:146 Resp: 130
 Ion Ratio Lower Upper
 146 100
 148 519.6 51.8 77.8#
 75 12397.8 24.2 36.4#

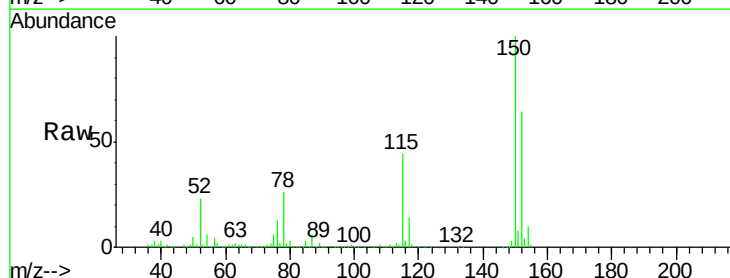


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

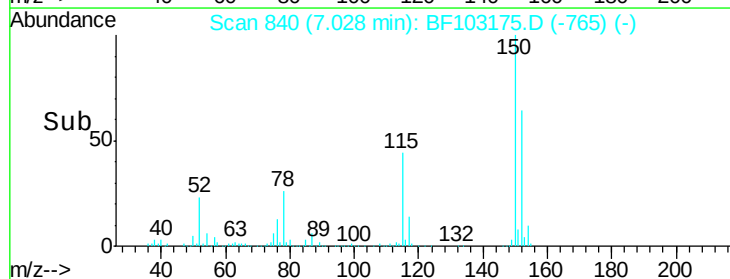
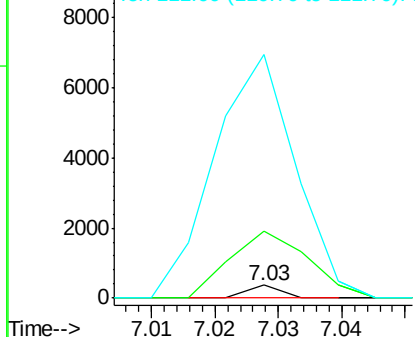


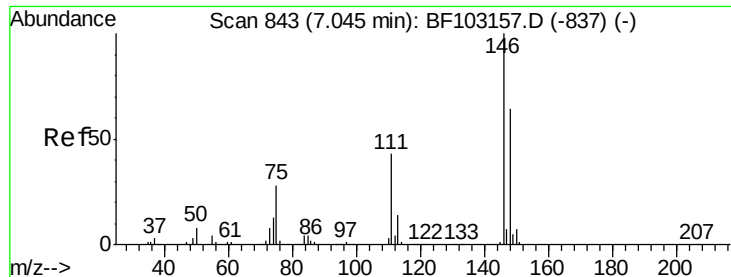
#13
 1,4-Dichlorobenzene
 Concen: 0.010 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.14 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Tgt Ion:146 Resp: 130
 Ion Ratio Lower Upper
 146 100
 148 519.6 50.8 76.2#
 111 1888.9 34.2 51.2#



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

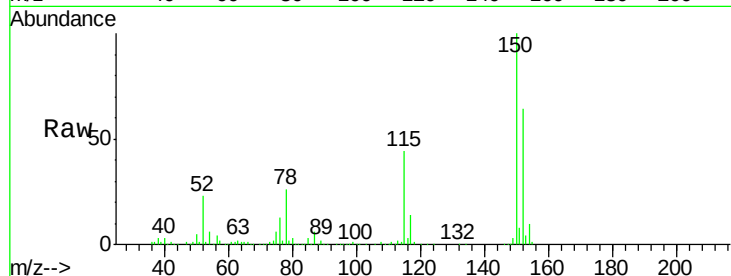




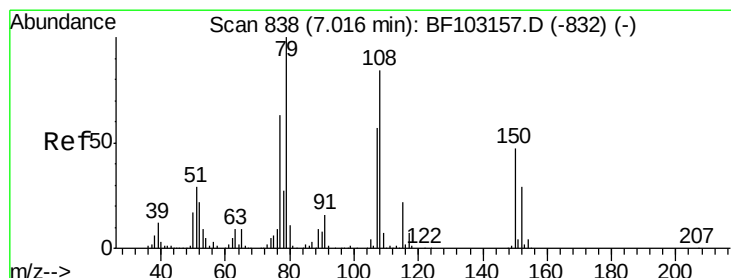
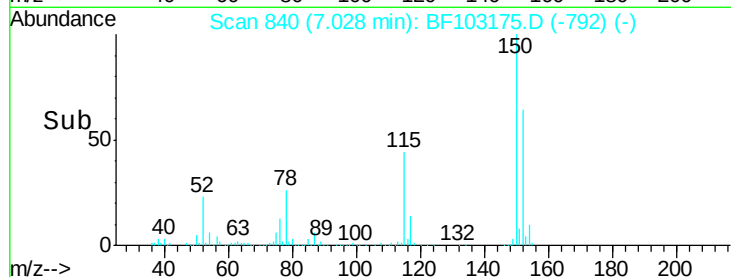
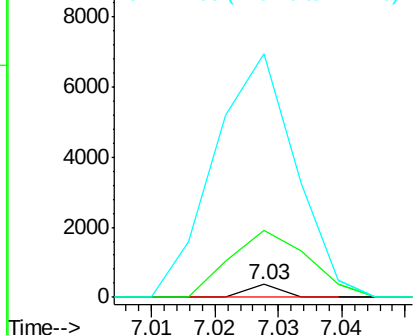
#14
1,2-Dichlorobenzene
Concen: 0.011 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.02 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Instrument :
BNA_F
ClientSampled :
TP-1-3FT

Tot Ion:146 Resp: 130
Ion Ratio Lower Upper
146 100
148 519.6 50.6 75.8#
111 1888.9 36.0 54.0#

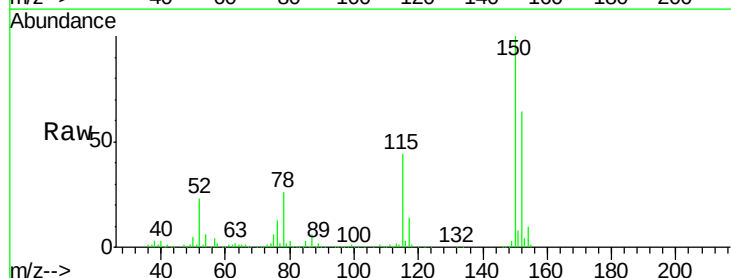


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

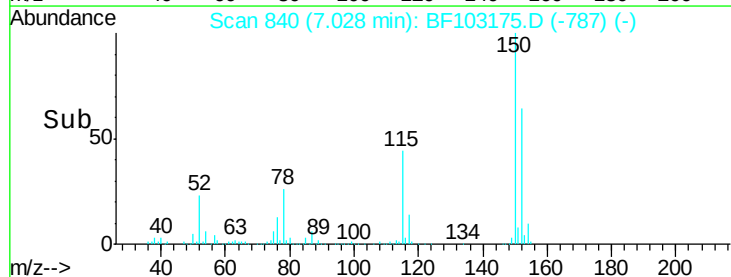
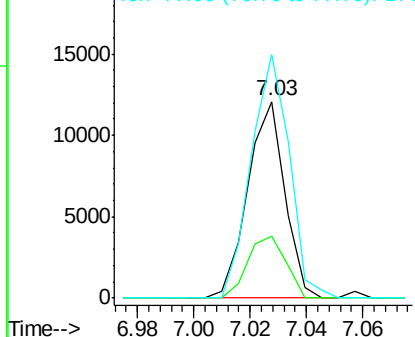


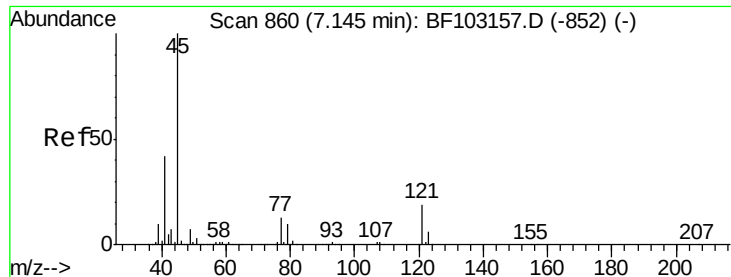
#15
Benzyl Alcohol
Concen: 1.099 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Tgt Ion: 79 Resp: 11035
Ion Ratio Lower Upper
79 100
108 31.7 65.1 97.7#
77 123.9 50.6 75.8#



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

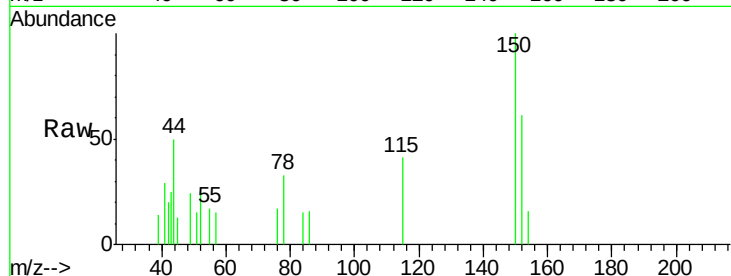




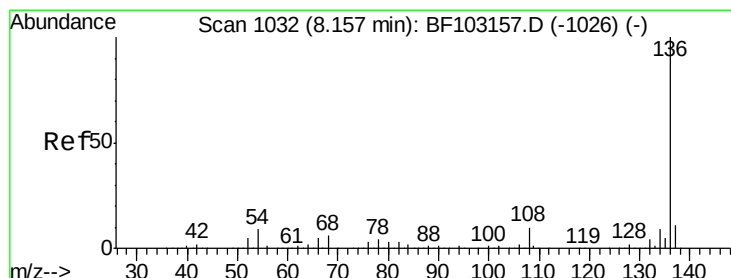
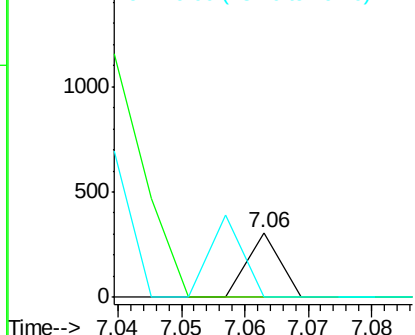
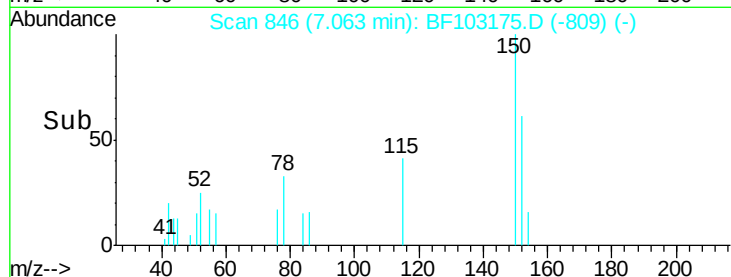
#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.005 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.08 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

Tot Ion: 45 Resp: 109
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 32.9
 79 0.0 0.0 29.6

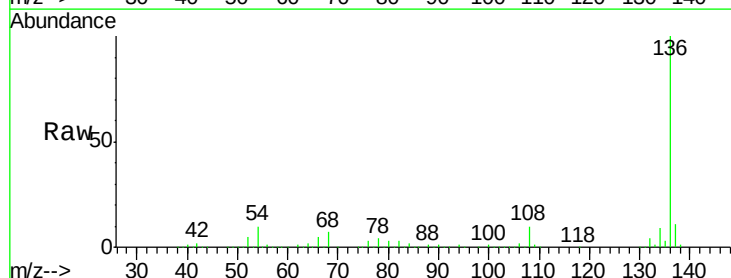


Abundance Ion 45.00 (44.70 to 45.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

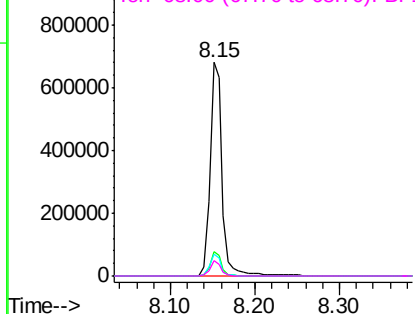
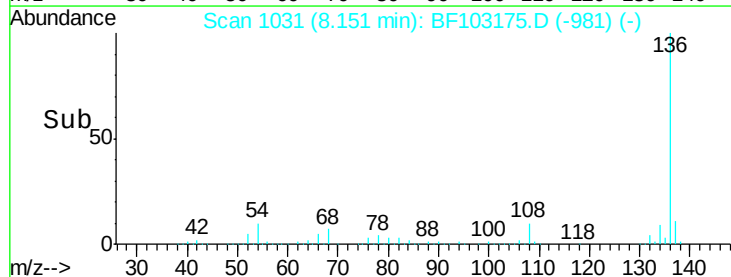


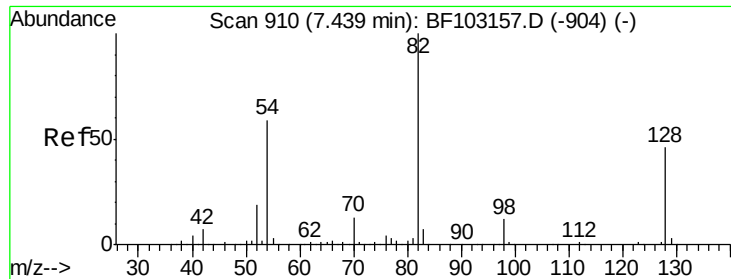
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Tgt Ion: 136 Resp: 683949
 Ion Ratio Lower Upper
 136 100
 137 11.5 8.9 13.3
 54 10.2 6.6 9.8#
 68 7.1 5.0 7.4



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

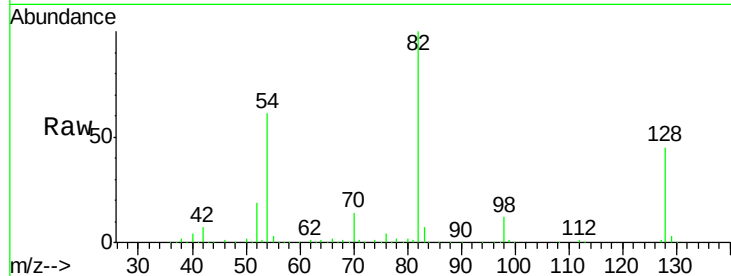




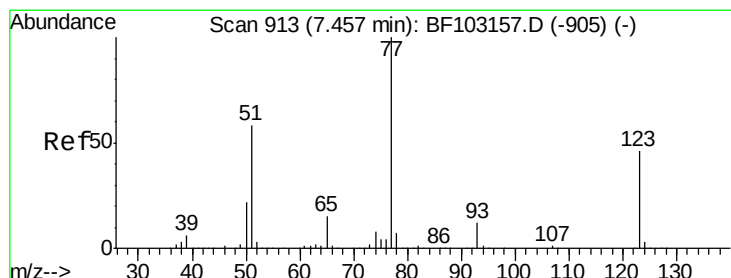
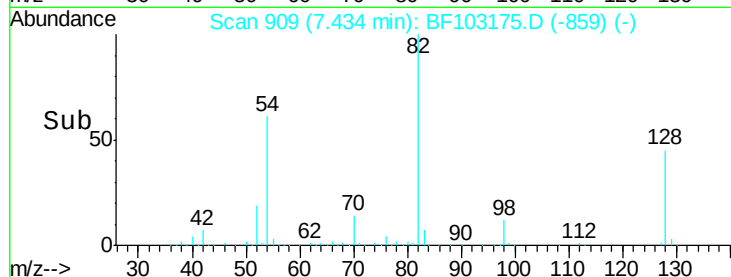
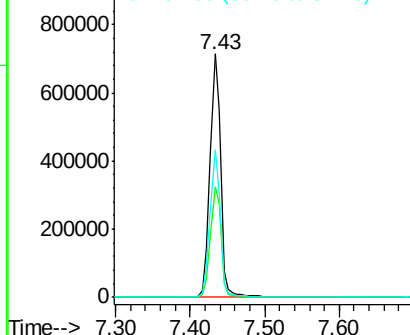
#23
 Nitrobenzene-d5
 Concen: 59.899 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

Tot Ion: 82 Resp: 717372
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 60.6 41.4 62.2

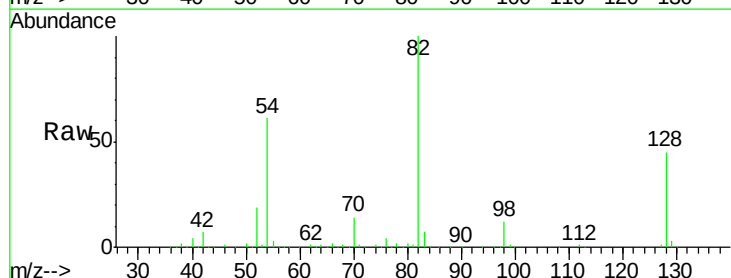


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

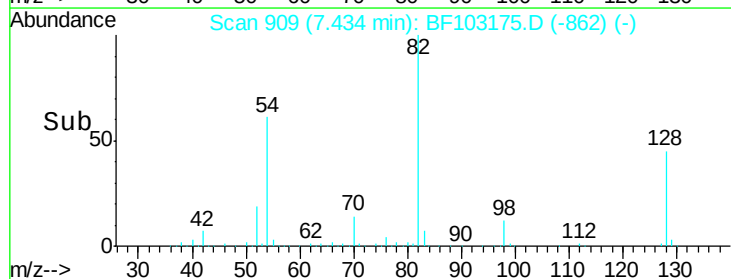
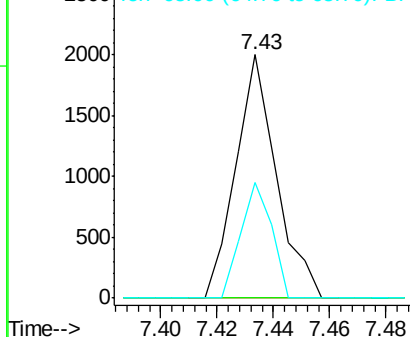


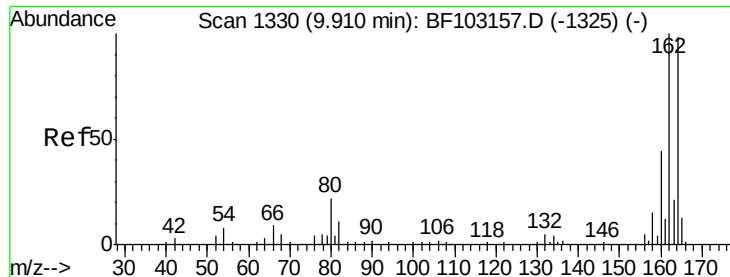
#24
 Nitrobenzene
 Concen: 0.151 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Tgt Ion: 77 Resp: 1991
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 47.6 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

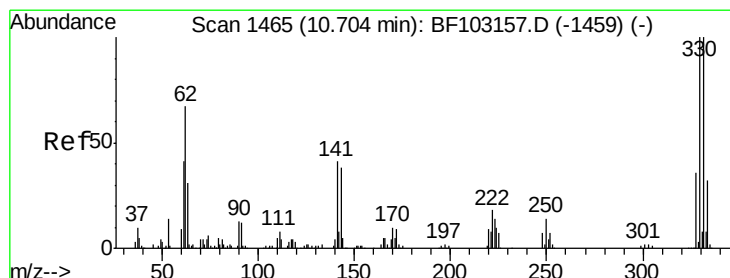
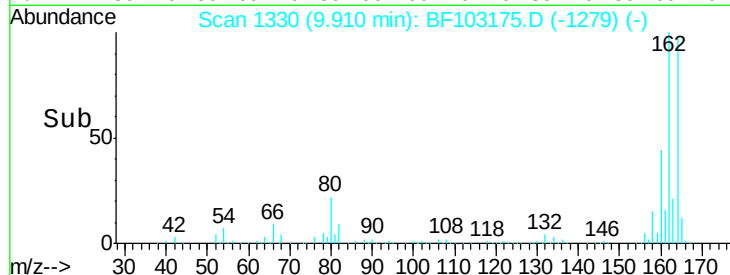
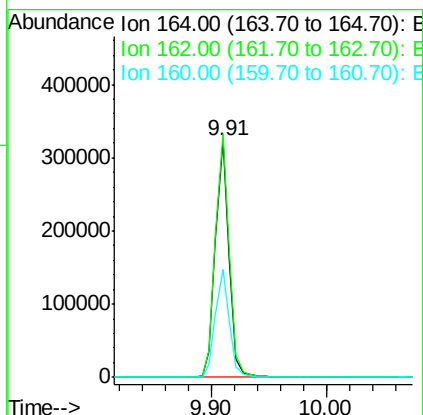
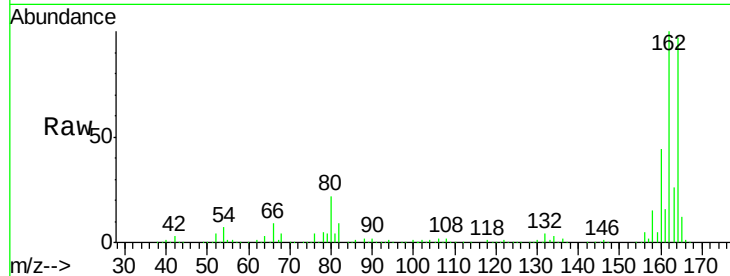




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

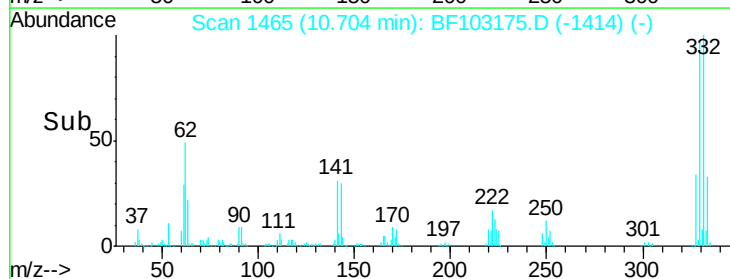
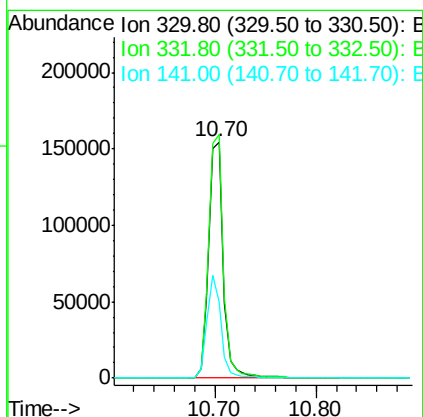
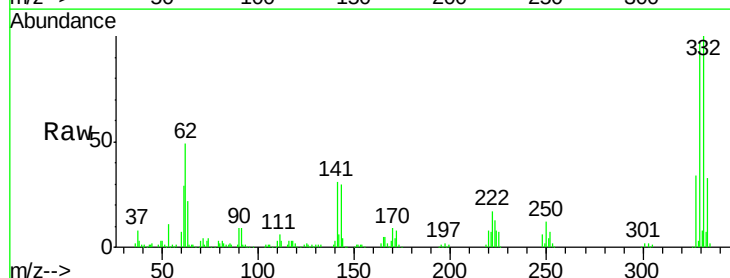
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

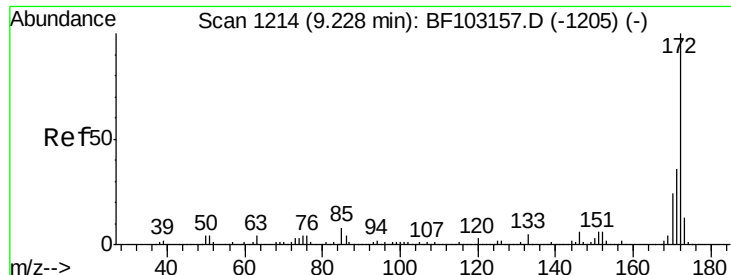
Tot Ion:164 Resp: 265398
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 45.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 69.595 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Tgt Ion:330 Resp: 156341
 Ion Ratio Lower Upper
 330 100
 332 103.2 77.0 115.6
 141 41.1 29.9 44.9

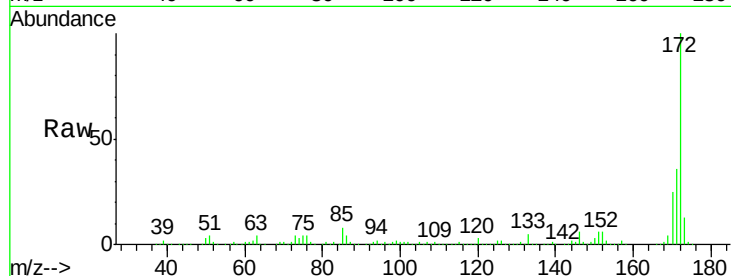




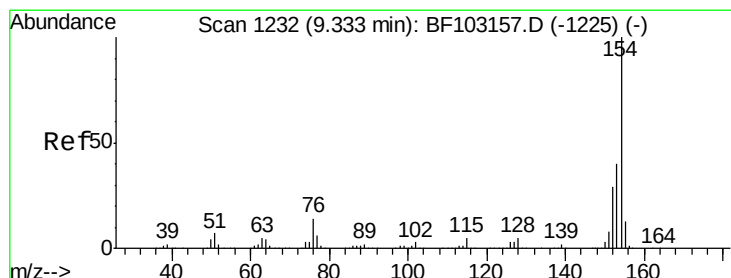
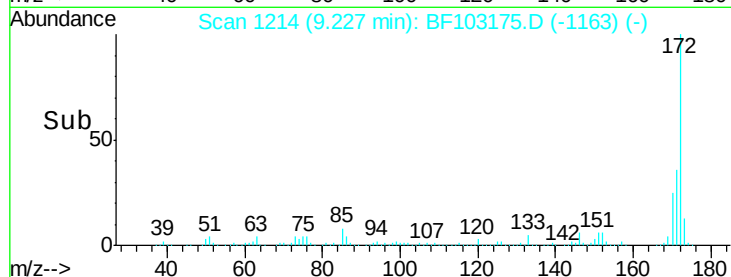
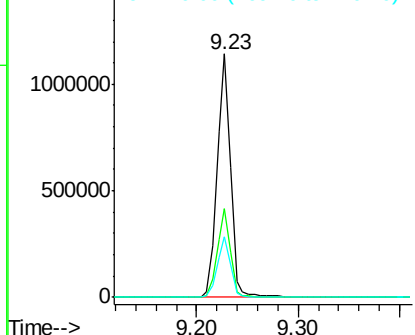
#44
2-Fluorobiphenyl
Concen: 64.339 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

Tot Ion:172 Resp: 1051408
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.6 19.6 29.4

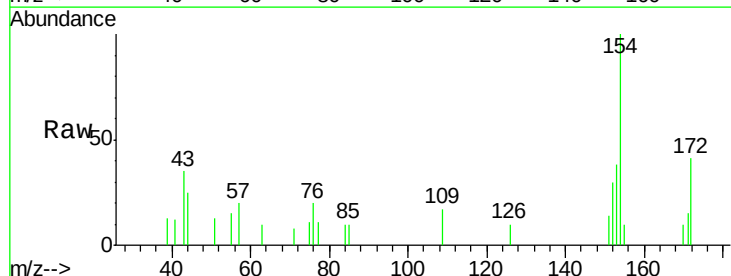


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

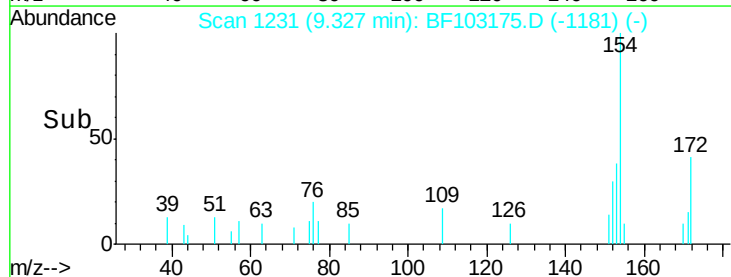
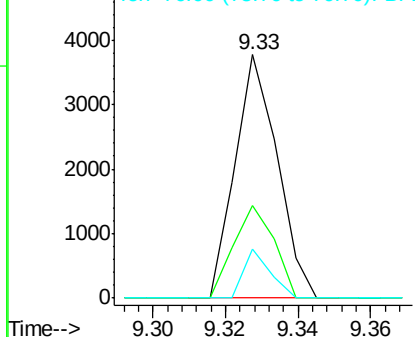


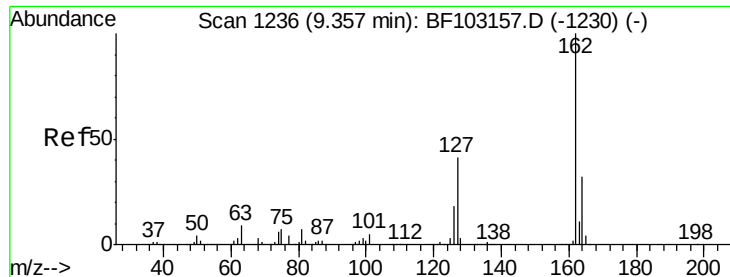
#45
1,1'-Biphenyl
Concen: 0.137 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Tgt Ion:154 Resp: 3055
Ion Ratio Lower Upper
154 100
153 37.9 21.3 61.3
76 20.0 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

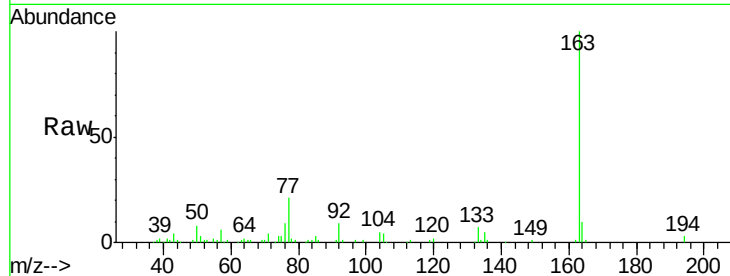




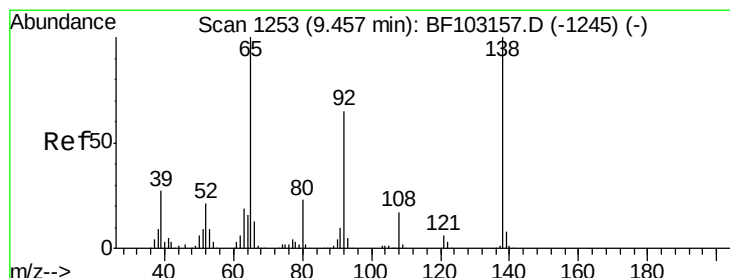
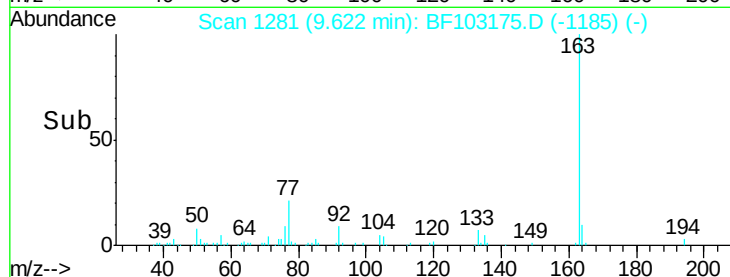
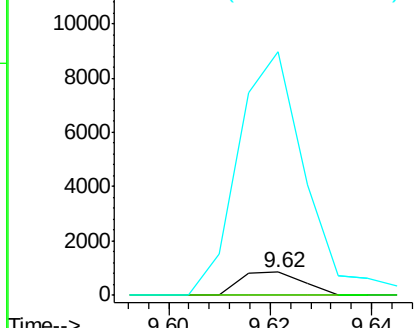
#46
 2-Chloronaphthalene
 Concen: 0.042 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.26 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

Tot Ion: 162 Resp: 732
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.9 50.9#
 164 1053.0 26.5 39.7#

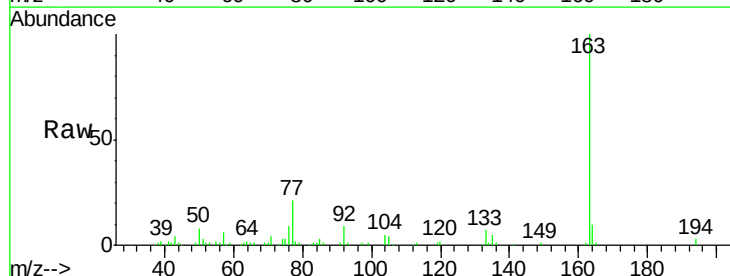


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

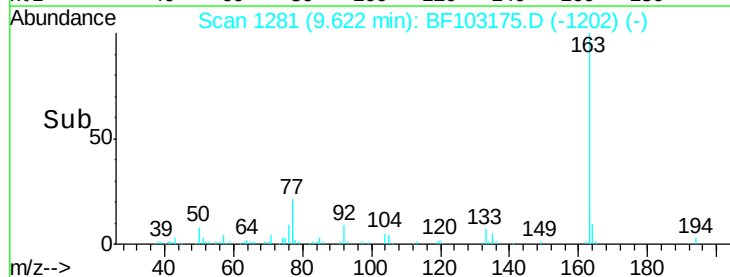
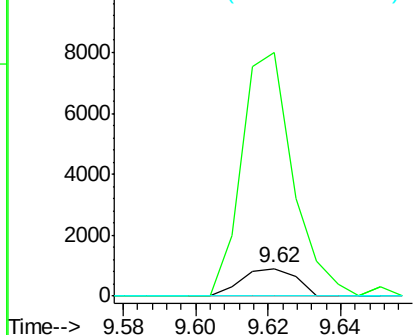


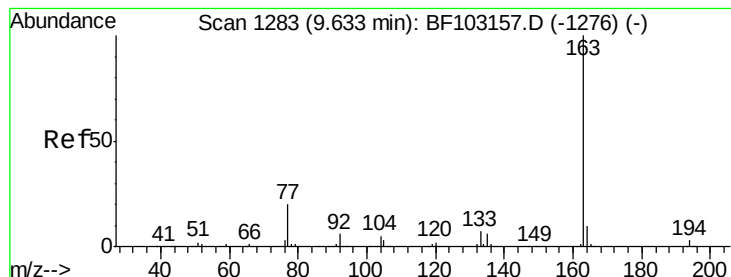
#47
 2-Nitroaniline
 Concen: 0.144 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.16 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Tgt Ion: 65 Resp: 937
 Ion Ratio Lower Upper
 65 100
 92 893.1 55.8 83.6#
 138 0.0 91.2 136.8#



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





#49

Dimethylphthalate

Concen: 4.037 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

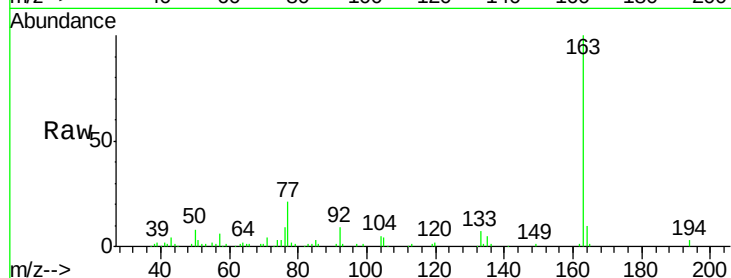
Tot Ion:163 Resp: 85943

Ion Ratio Lower Upper

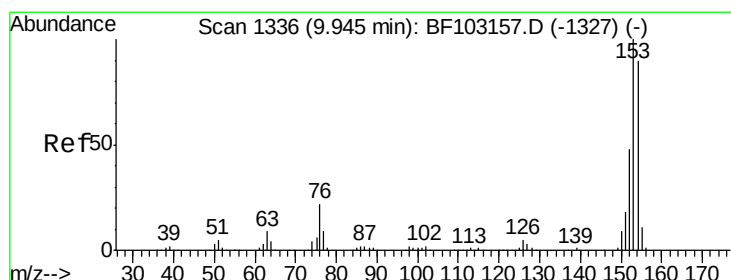
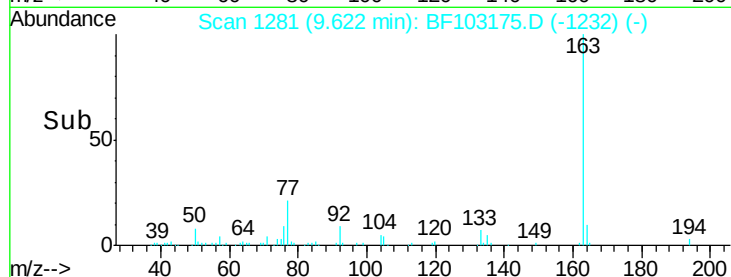
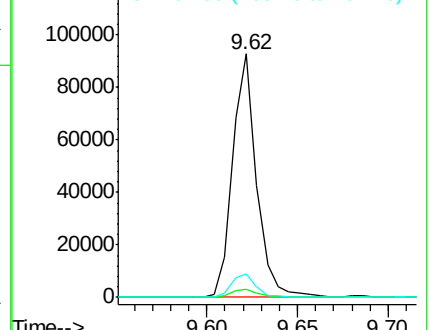
163 100

194 3.2 2.7 4.1

164 9.6 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



#51

Acenaphthene

Concen: 0.059 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.04 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

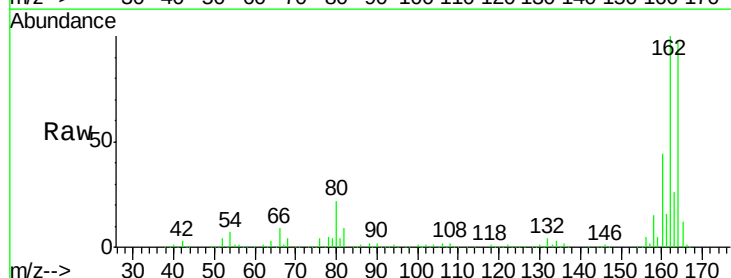
Tgt Ion:154 Resp: 927

Ion Ratio Lower Upper

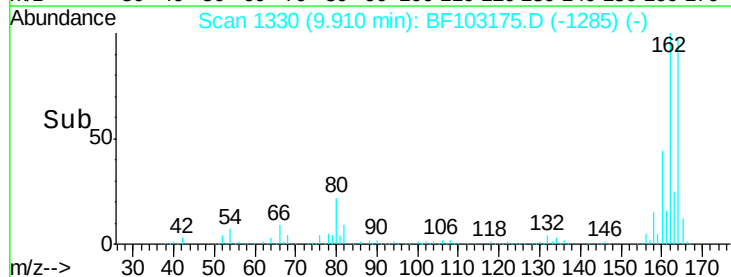
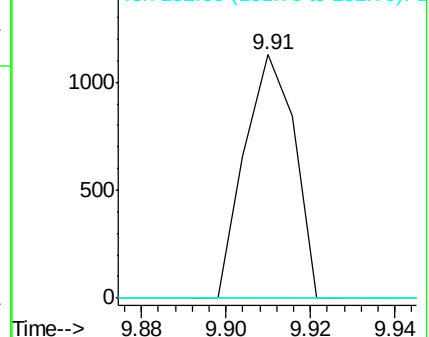
154 100

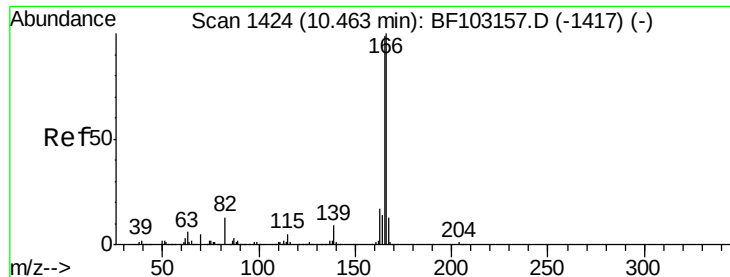
153 0.0 91.2 136.8#

152 0.0 43.8 65.8#



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





#57

Fluorene

Concen: 0.466 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.24 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

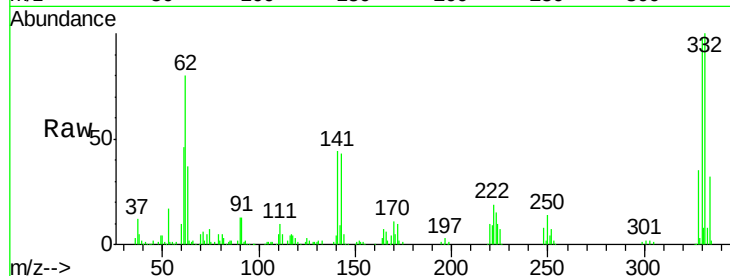
Tot Ion:166 Resp: 8601

Ion Ratio Lower Upper

166 100

165 116.9 79.8 119.8

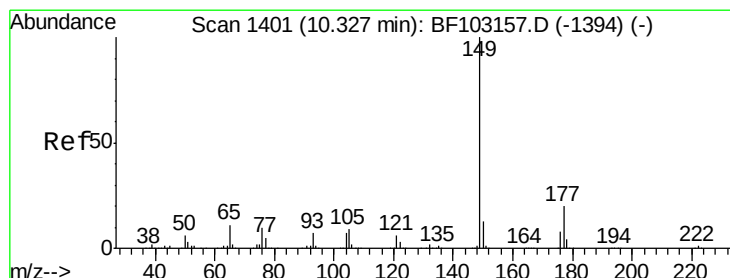
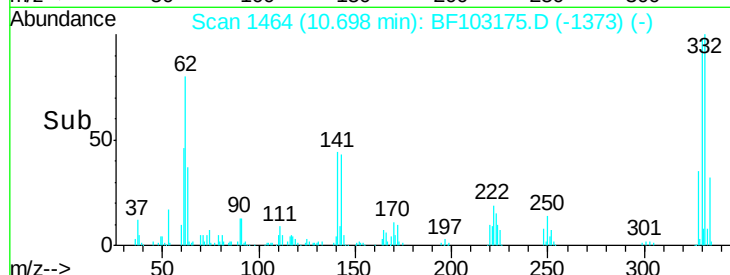
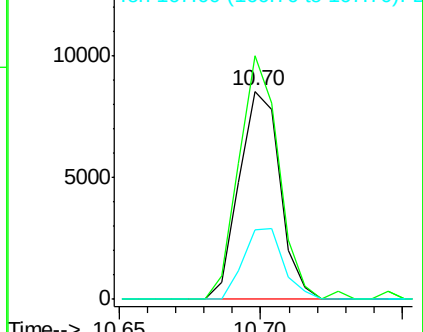
167 33.3 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.327 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

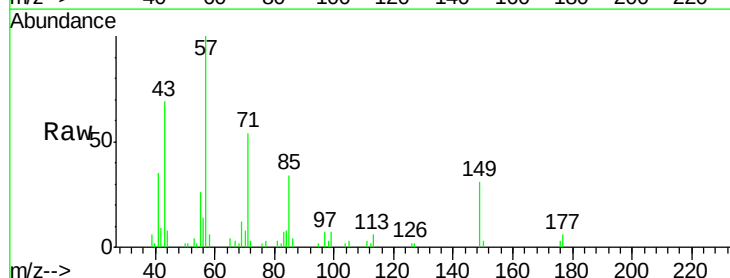
Tgt Ion:149 Resp: 6651

Ion Ratio Lower Upper

149 100

177 20.7 16.1 24.1

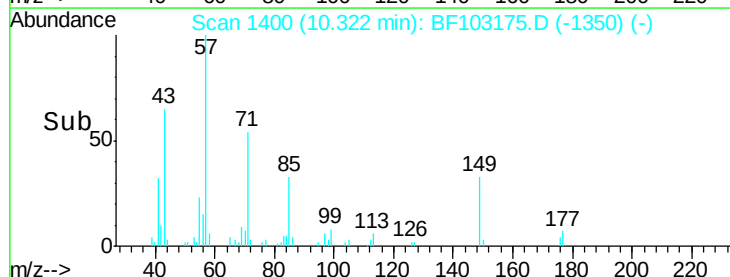
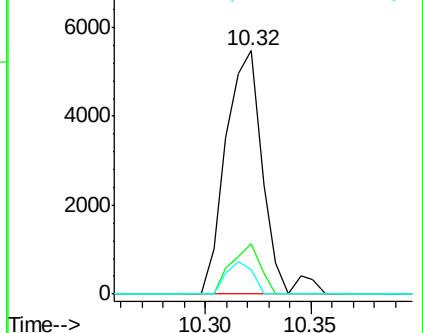
150 10.3 10.1 15.1

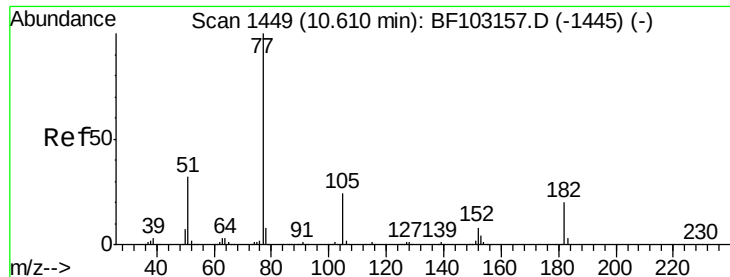


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.006 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.06 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

Tot Ion: 77 Resp: 114

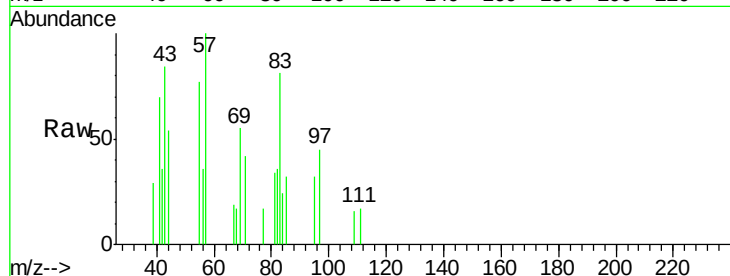
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 0.0 3.0 43.0#

51 0.0 9.9 49.9#



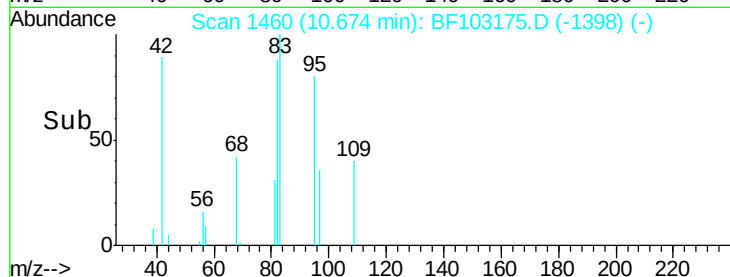
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

Time-->



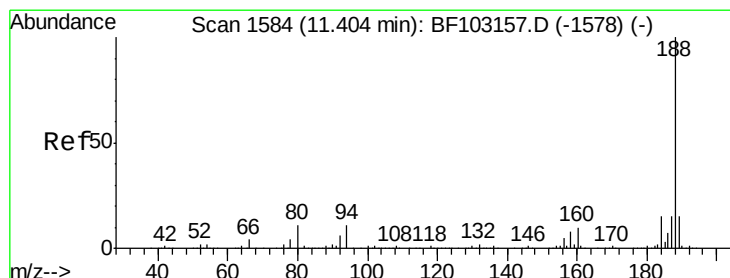
Abundance

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

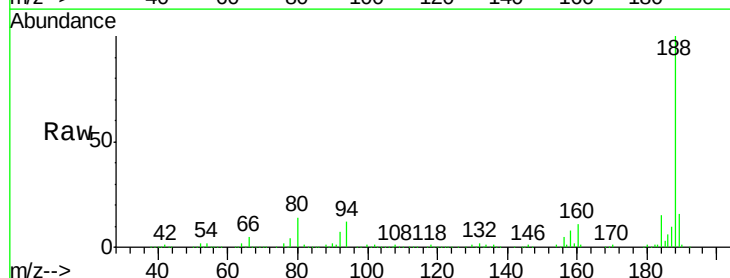
Tgt Ion: 188 Resp: 354404

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

80 13.5 9.2 13.8

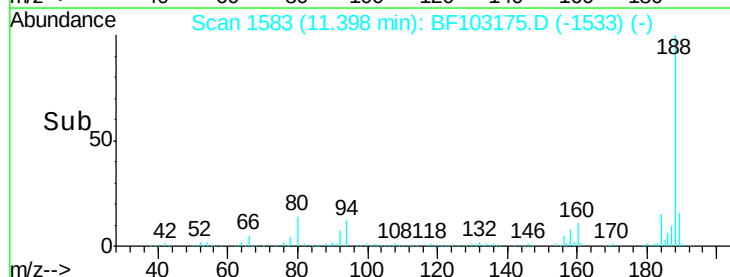


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



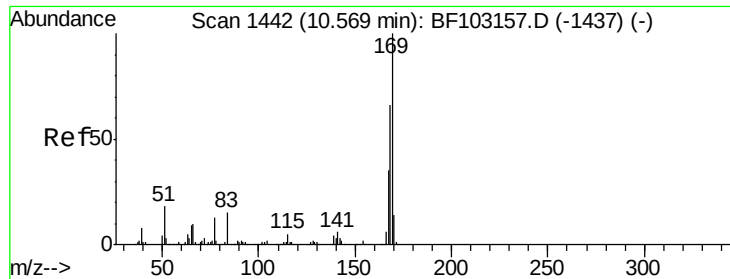
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

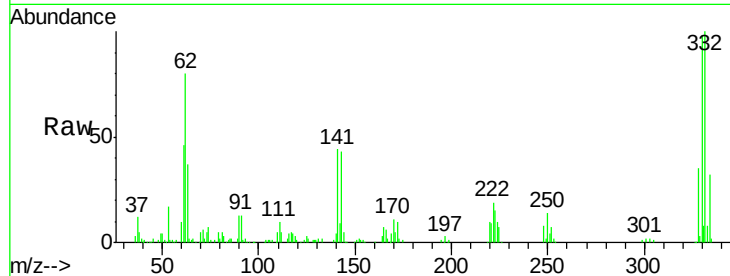
Time-->



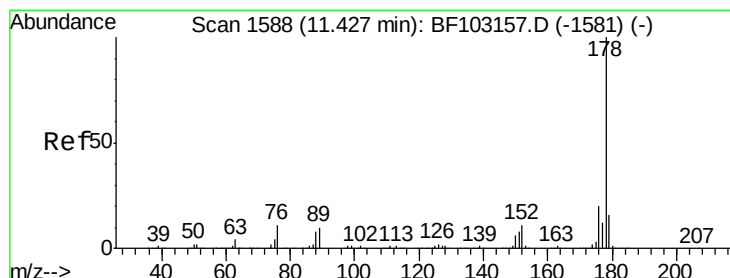
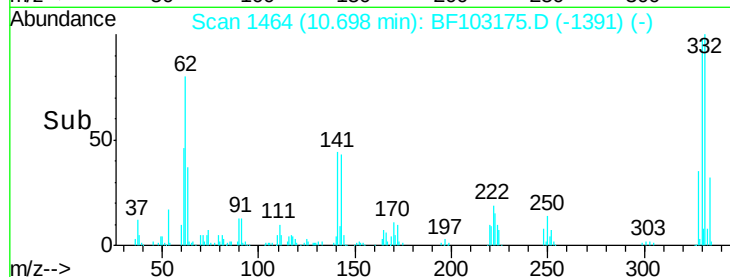
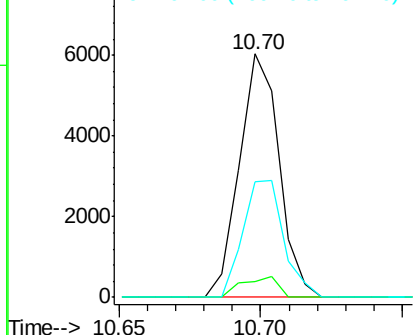
#65
 n-Nitrosodiphenylamine
 Concen: 0.476 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.13 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

Tot Ion:169 Resp: 5873
 Ion Ratio Lower Upper
 169 100
 168 6.4 54.4 81.6#
 167 47.3 29.8 44.6#

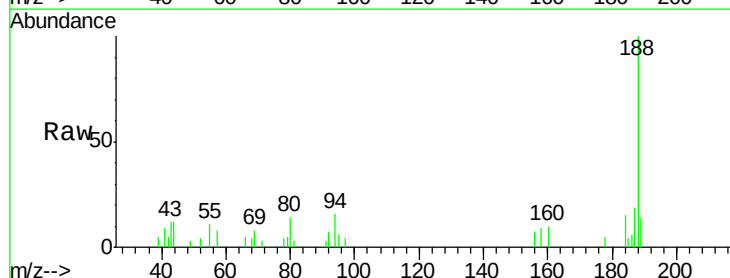


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

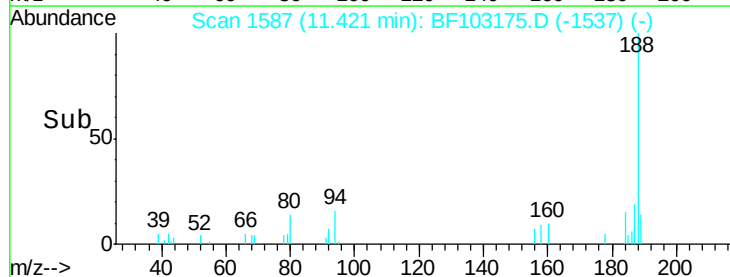
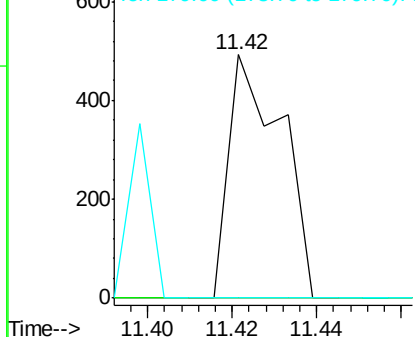


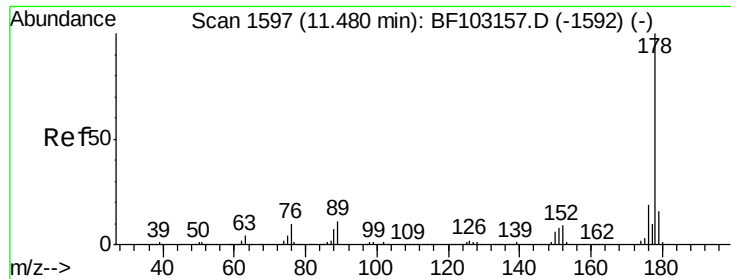
#70
 Phenanthrene
 Concen: 0.022 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103175.D
 Acq: 22 Feb 2018 21:01

Tgt Ion:178 Resp: 428
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 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: 0.021 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.06 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

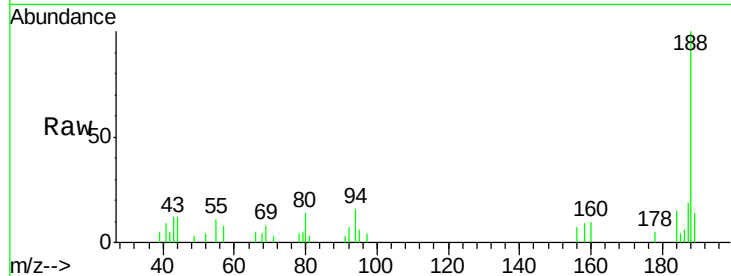
Tot Ion:178 Resp: 428

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

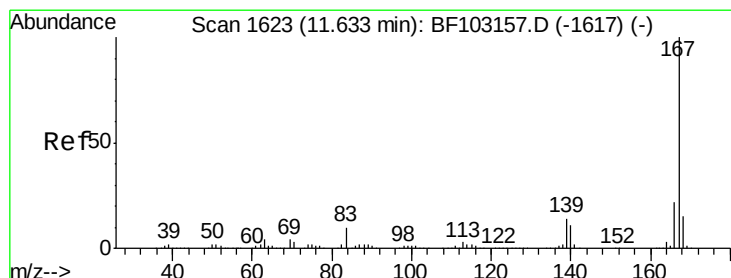
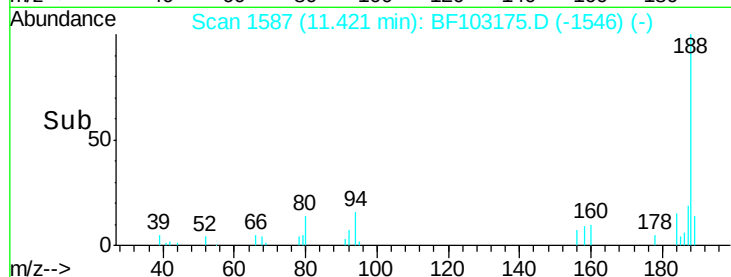
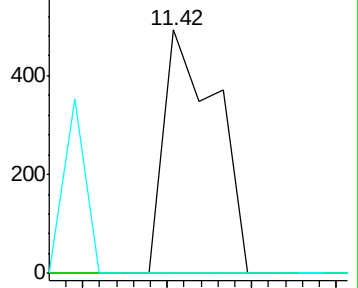
179 0.0 12.6 19.0#



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: 0.006 ng

RT: 11.64 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

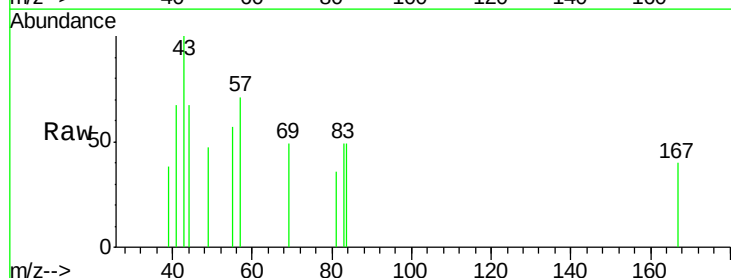
Tgt Ion:167 Resp: 121

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

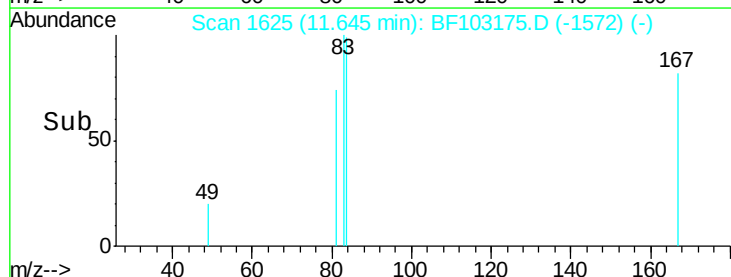
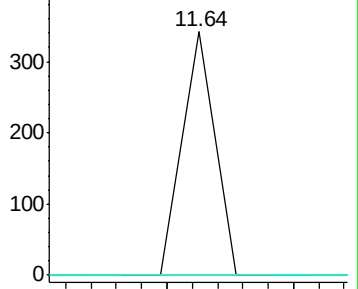
139 0.0 10.9 16.3#

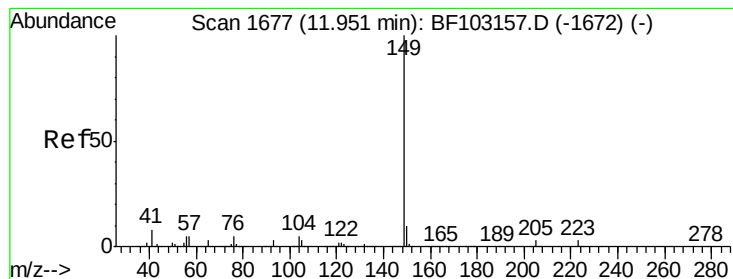


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.061 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

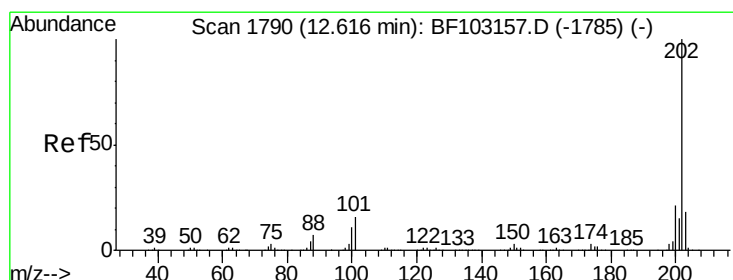
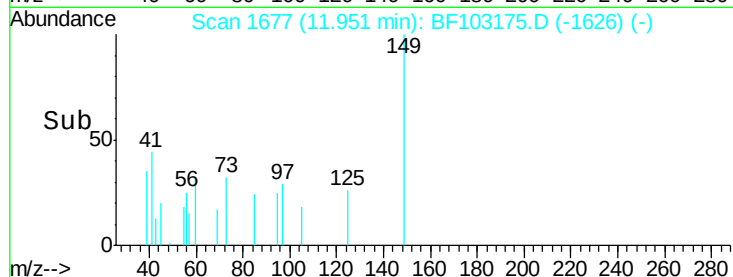
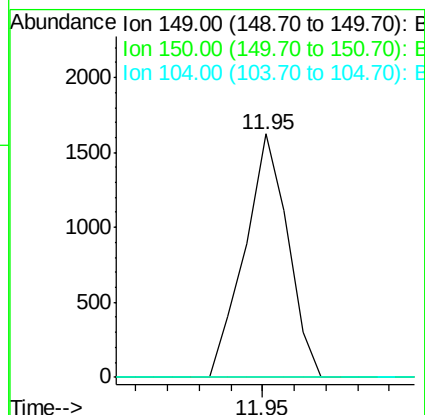
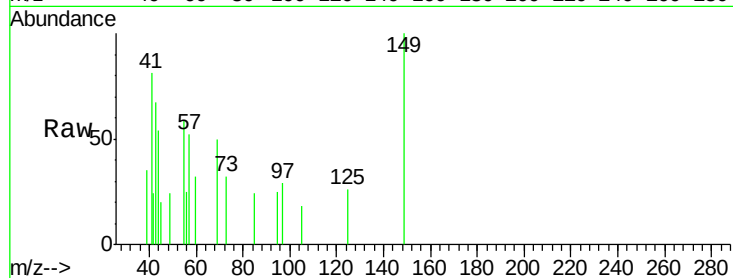
Tot Ion:149 Resp: 1530

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 3.8 5.8#



#74

Fluoranthene

Concen: 0.040 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

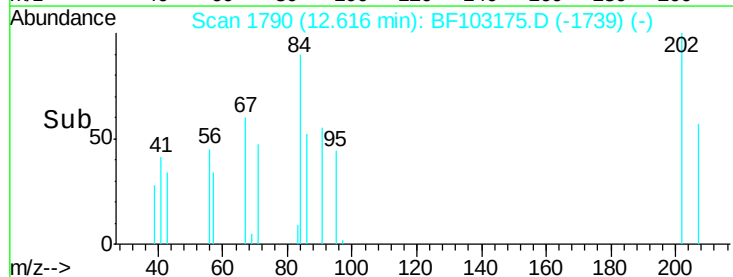
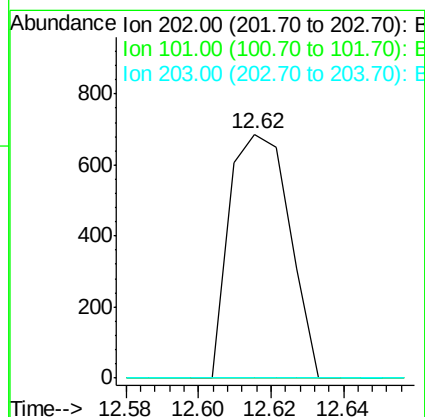
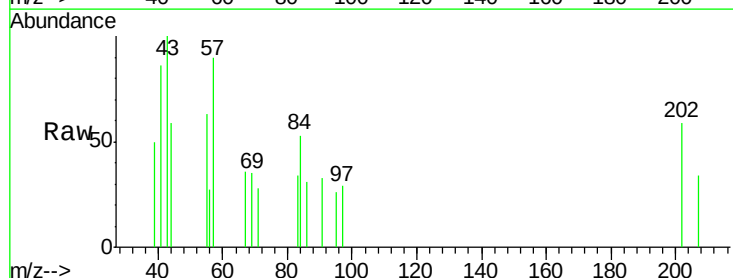
Tgt Ion:202 Resp: 793

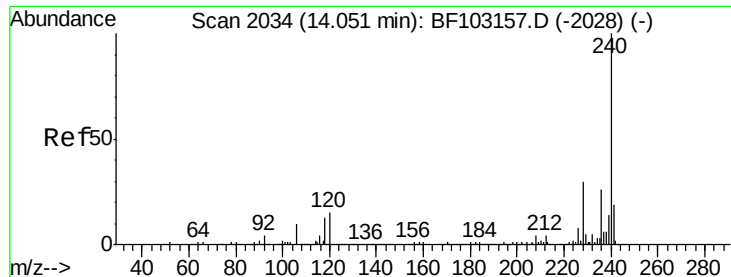
Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

203 0.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

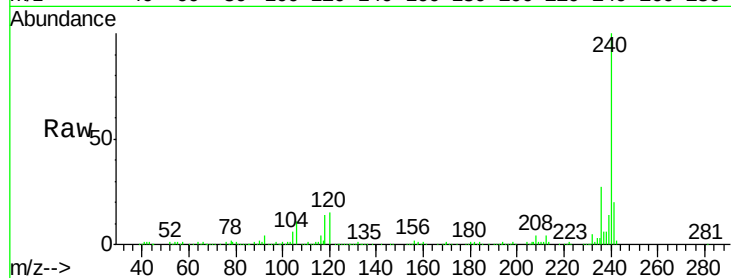
Tot Ion:240 Resp: 283024

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

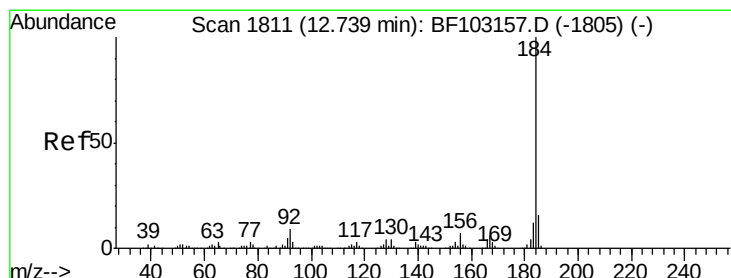
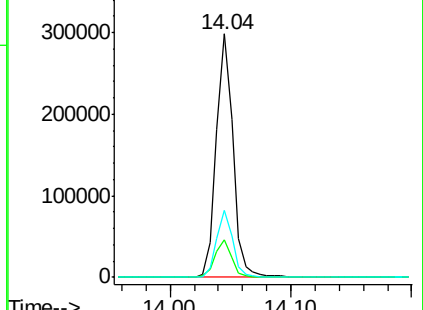
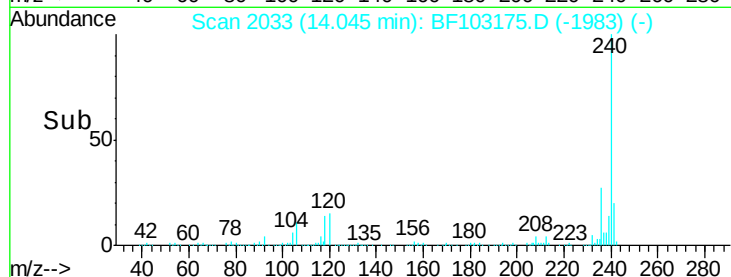
236 27.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.790 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.24 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

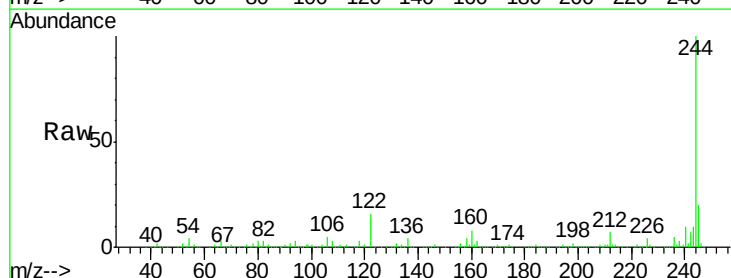
Tgt Ion:184 Resp: 8357

Ion Ratio Lower Upper

184 100

185 16.6 12.6 18.8

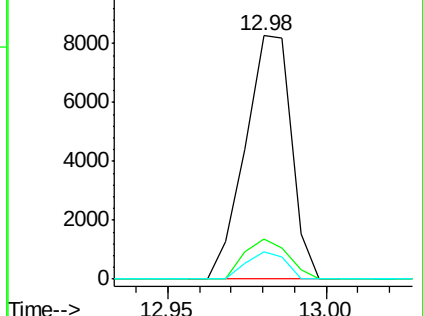
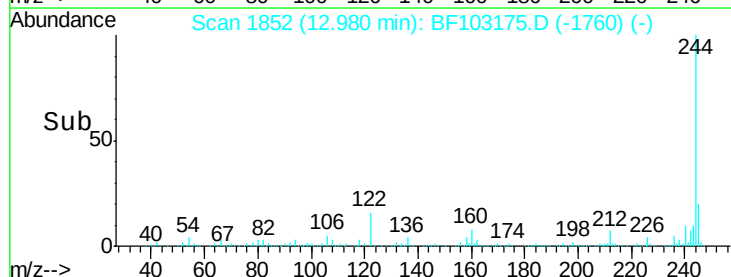
183 11.2 9.3 13.9

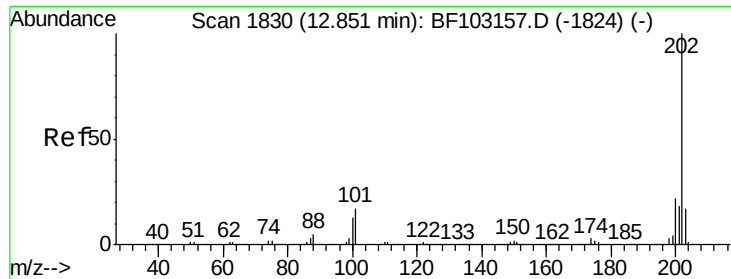


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

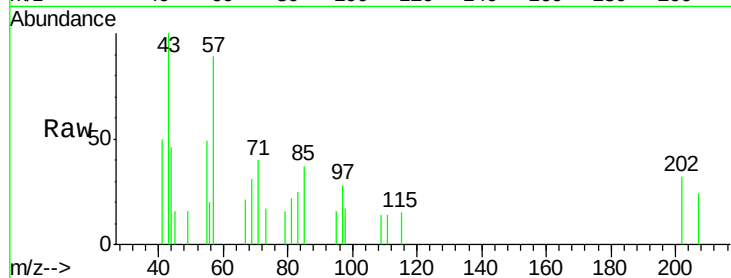




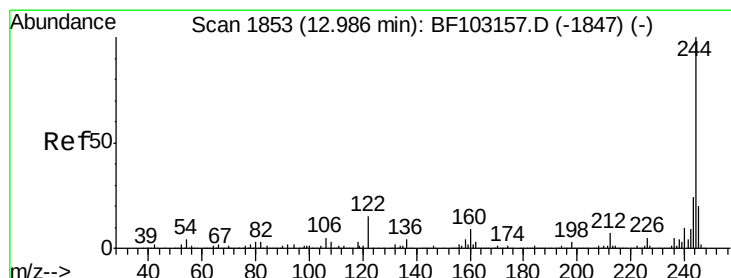
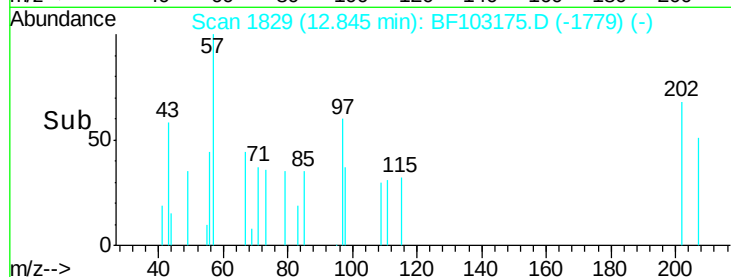
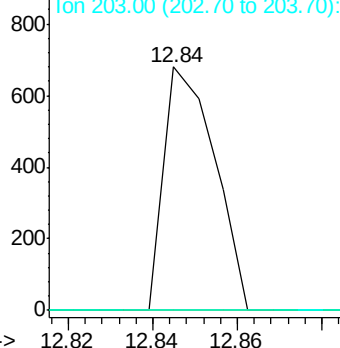
#77
Pvrene
Concen: 0.026 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

Tot Ion:202 Resp: 567
Ion Ratio Lower Upper
202 100
200 0.0 17.4 26.2#
203 0.0 14.3 21.5#

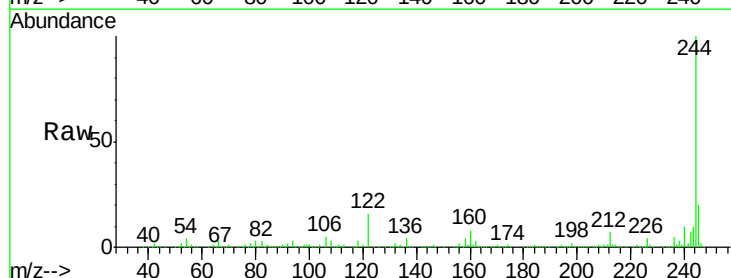


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

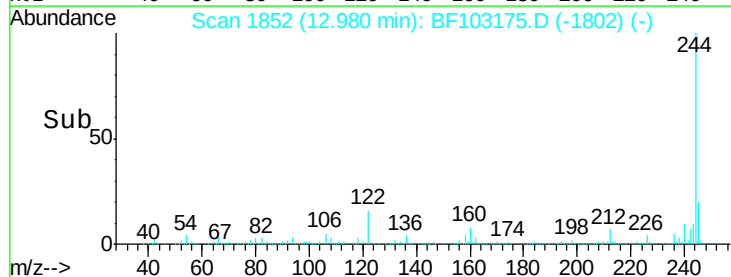
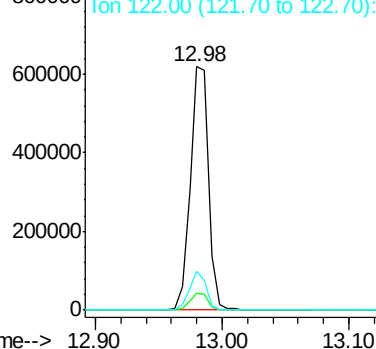


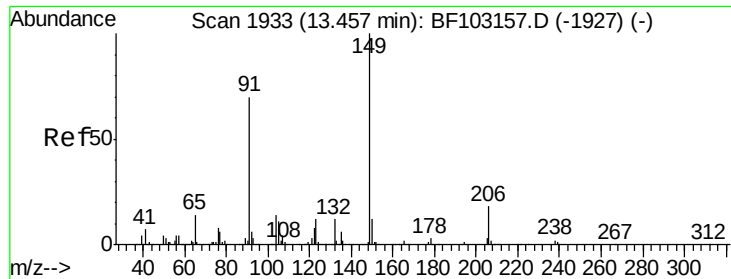
#78
Terphenyl-d14
Concen: 53.135 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Tgt Ion:244 Resp: 625597
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 15.9 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

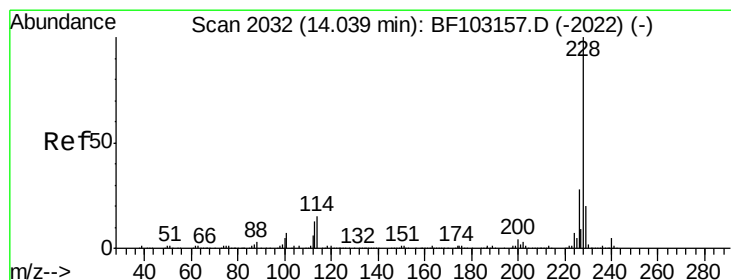
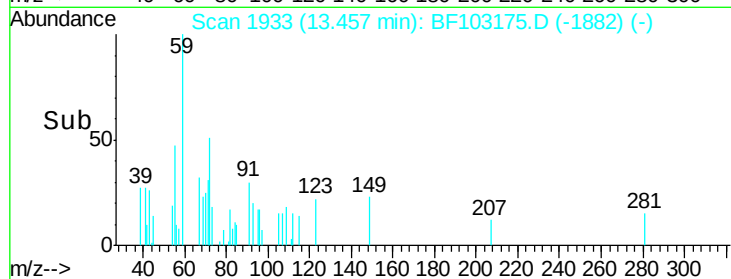
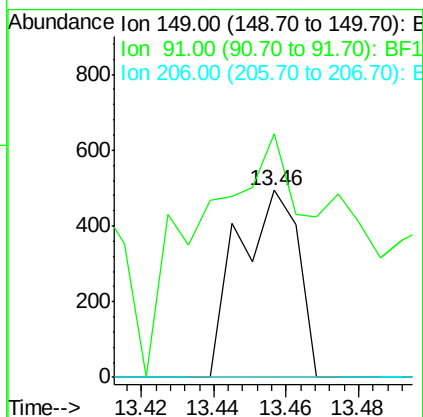
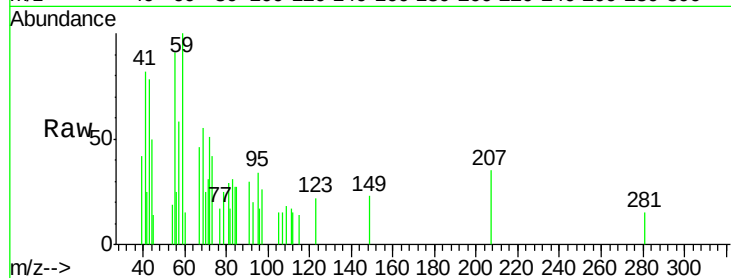




#79
Butylbenzylphthalate
Concen: 0.049 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

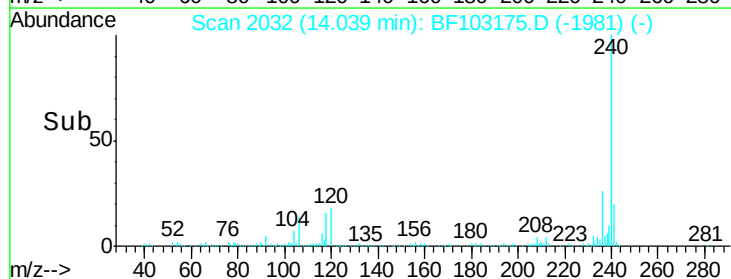
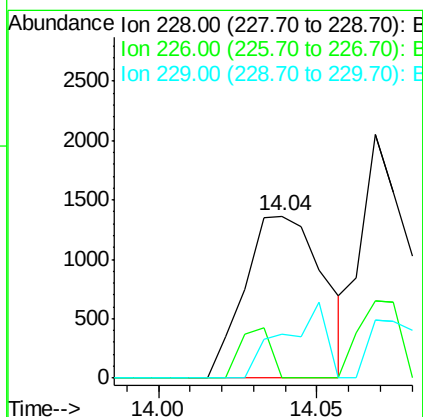
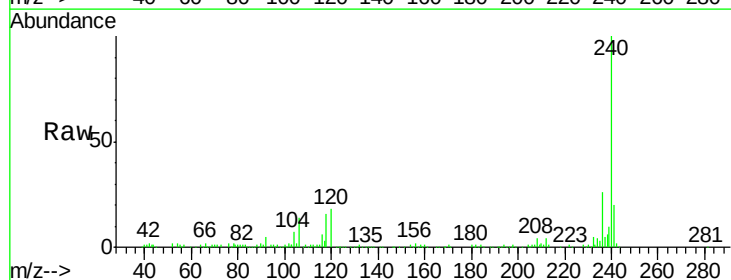
Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

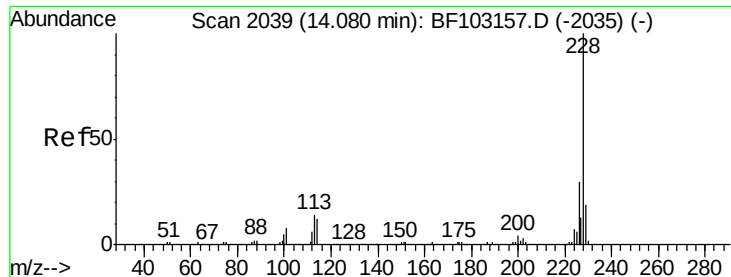
Tot Ion:149 Resp: 568
Ion Ratio Lower Upper
149 100
91 130.4 56.8 85.2#
206 0.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 0.128 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Tgt Ion:228 Resp: 2357
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 27.0 15.8 23.6#





#82

Chrysene

Concen: 0.109 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

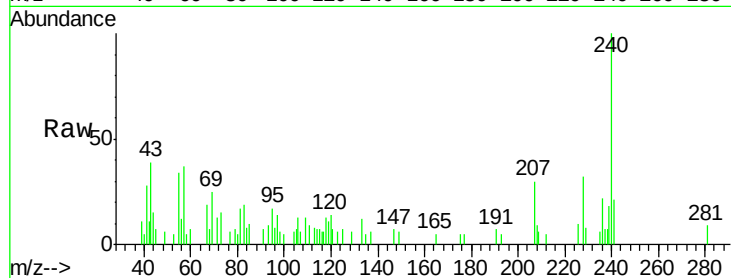
Tot Ion:228 Resp: 1938

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

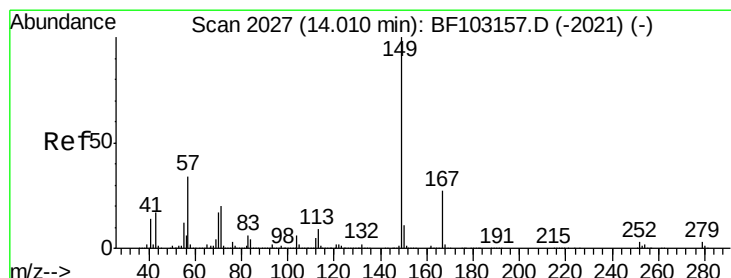
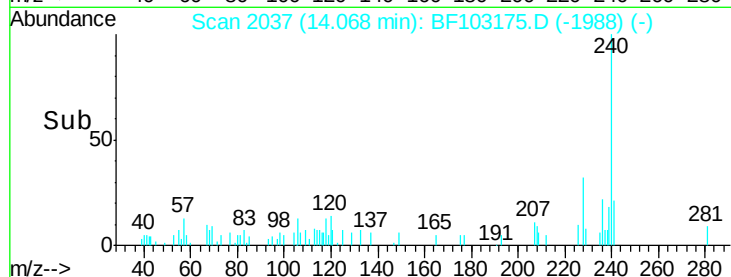
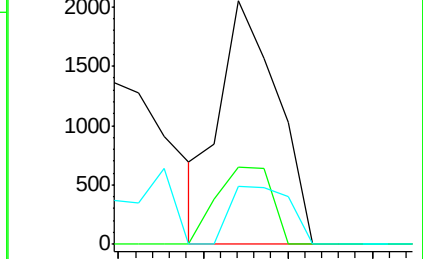
229 23.8 16.2 24.4



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: 0.402 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

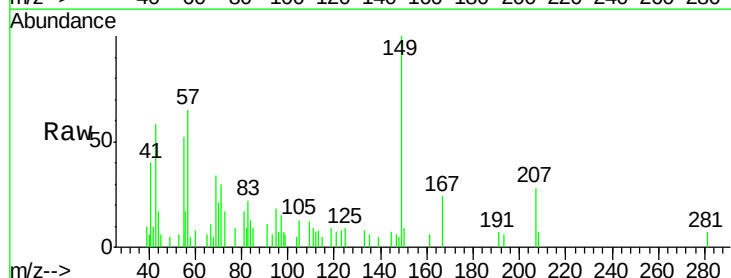
Tgt Ion:149 Resp: 6321

Ion Ratio Lower Upper

149 100

167 23.6 21.3 31.9

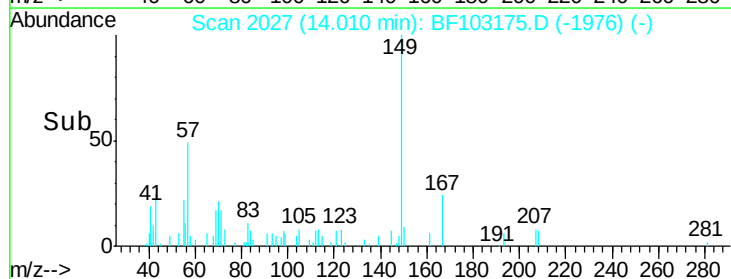
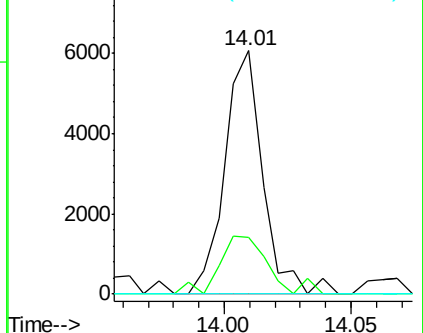
279 0.0 3.0 4.4#

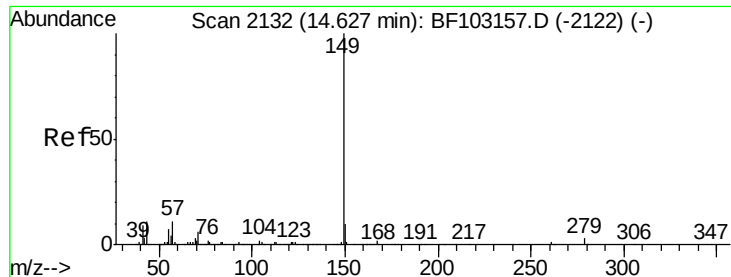


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.091 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

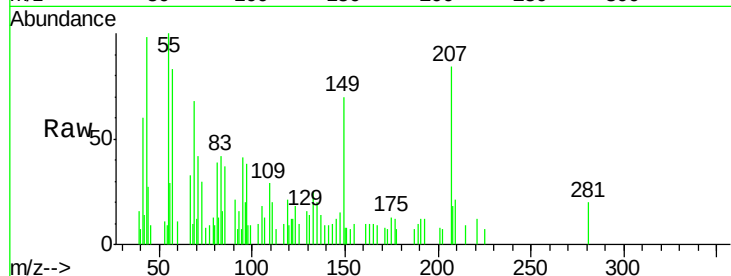
Tot Ion:149 Resp: 2325

Ion Ratio Lower Upper

149 100

167 14.6 1.2 1.8#

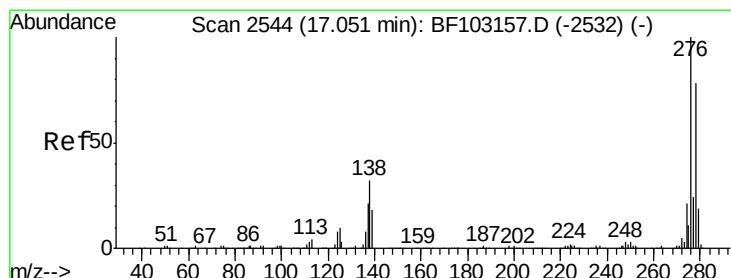
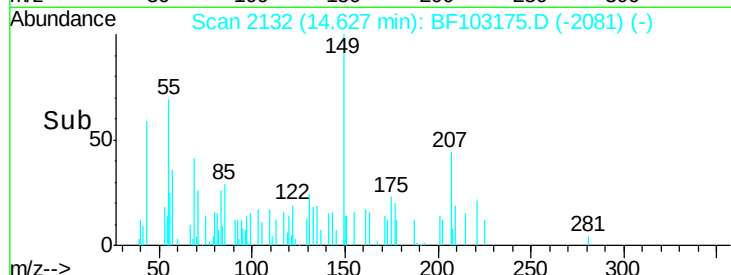
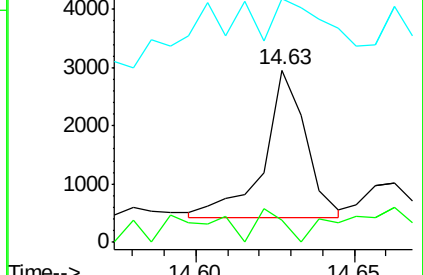
43 33.5 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.249 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

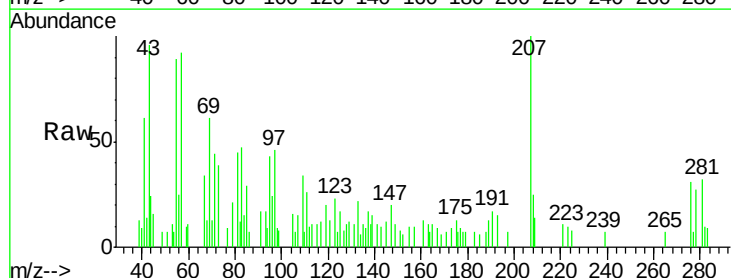
Tgt Ion:276 Resp: 3520

Ion Ratio Lower Upper

276 100

138 49.9 25.0 37.6#

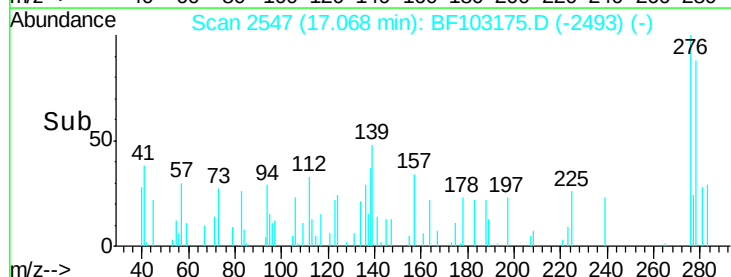
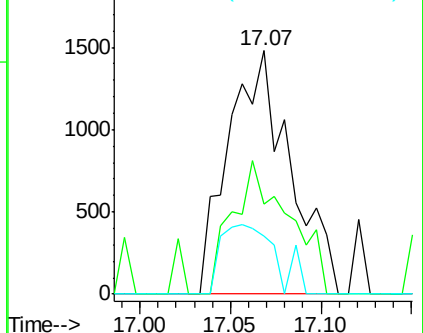
277 25.4 20.1 30.1

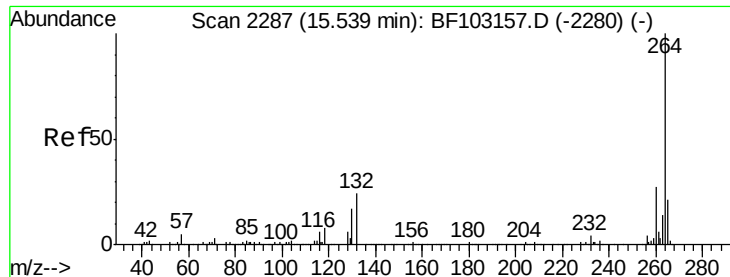


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

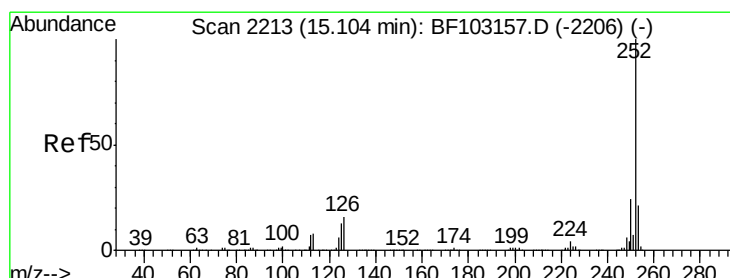
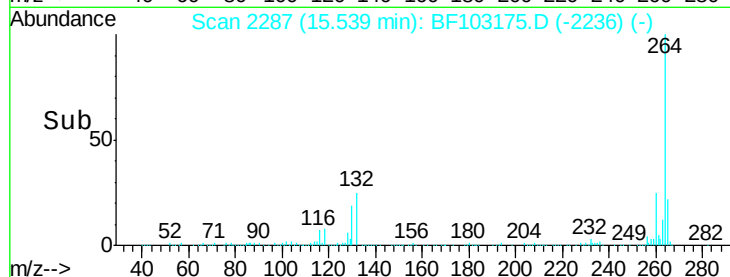
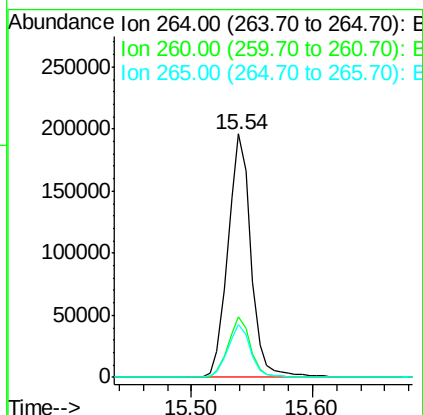
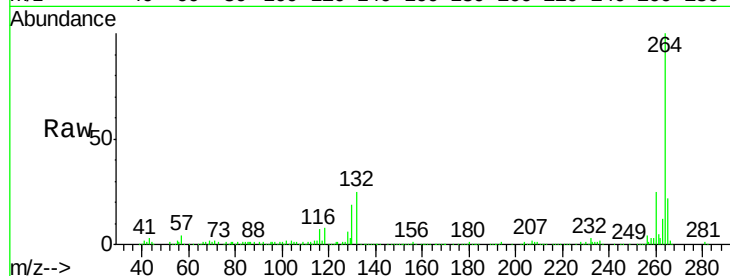




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

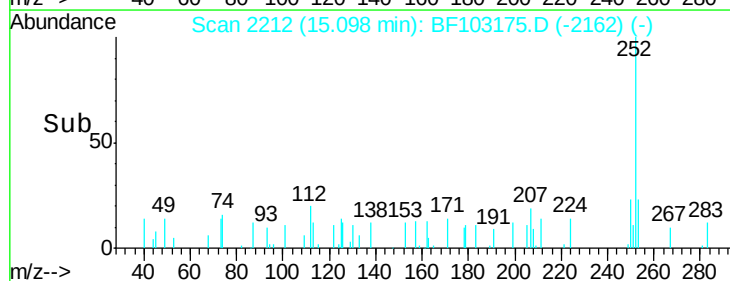
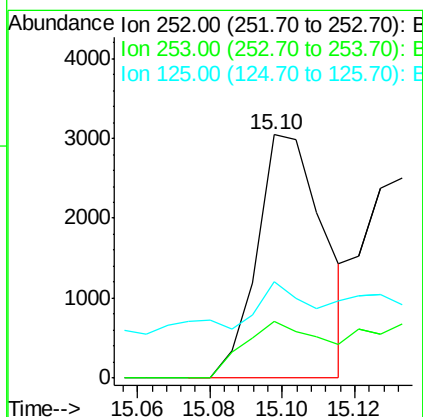
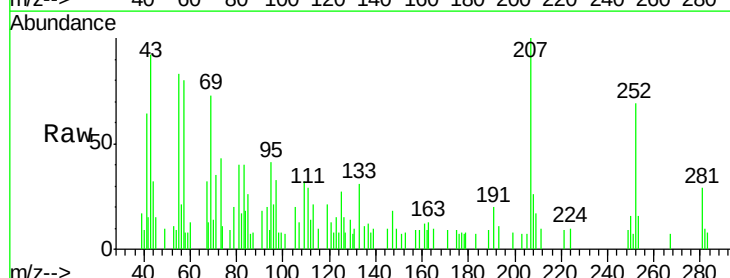
Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

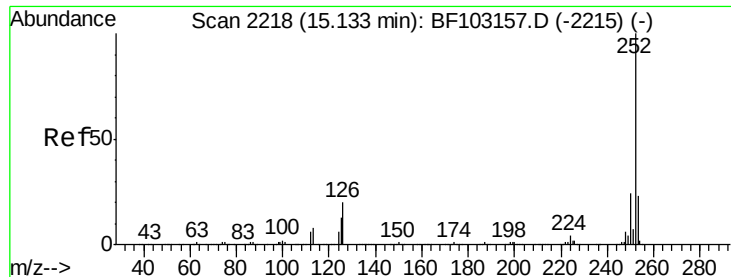
Tot Ion:264 Resp: 260811
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.228 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103175.D
Acq: 22 Feb 2018 21:01

Tgt Ion:252 Resp: 3911
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 39.4 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 0.222 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

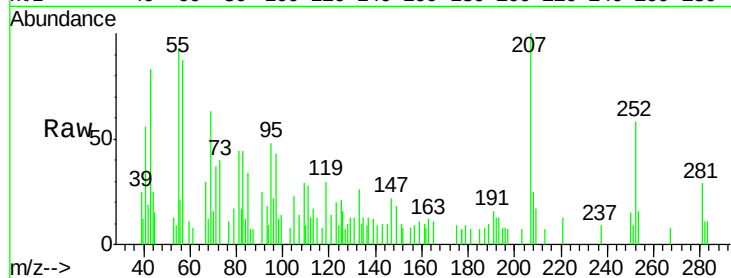
Tot Ion:252 Resp: 3587

Ion Ratio Lower Upper

252 100

253 27.3 17.9 26.9#

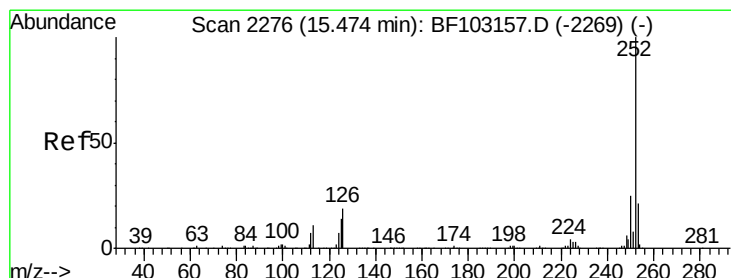
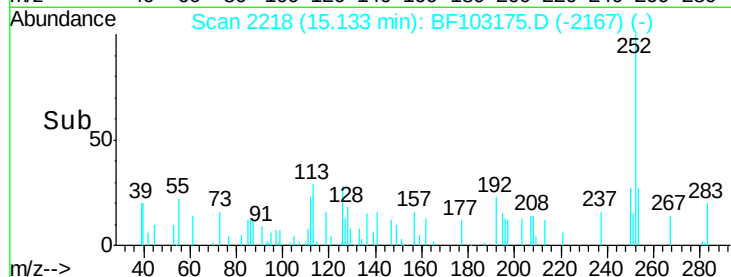
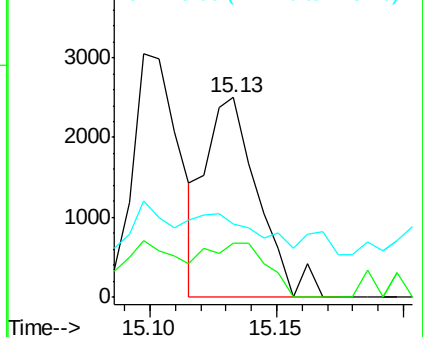
125 36.4 10.2 15.2#



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: 0.193 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

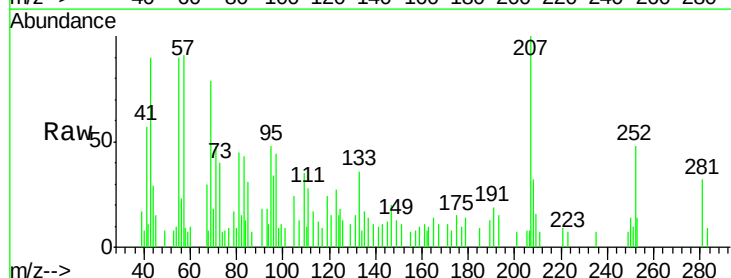
Tgt Ion:252 Resp: 2956

Ion Ratio Lower Upper

252 100

253 28.2 17.1 25.7#

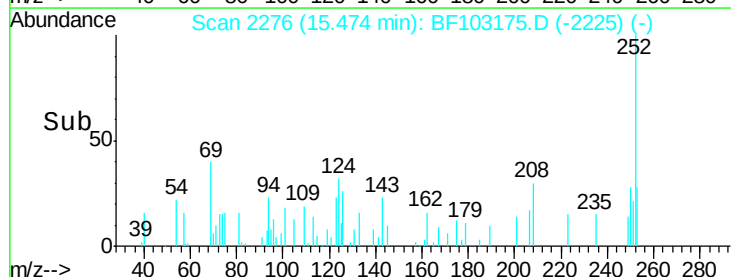
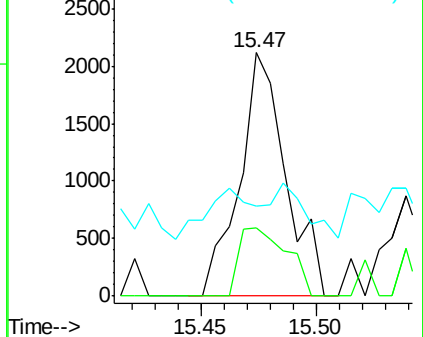
125 36.9 9.8 14.6#

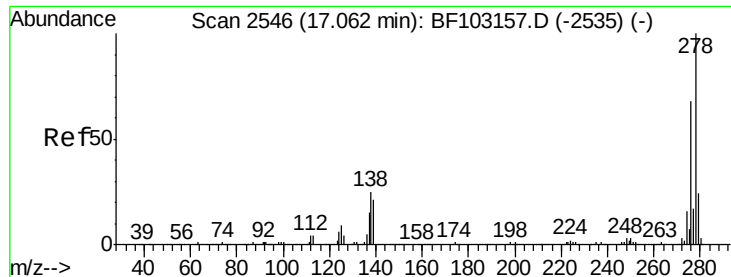


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.198 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

Instrument :

BNA_F

ClientSampled :

TP-1-3FT

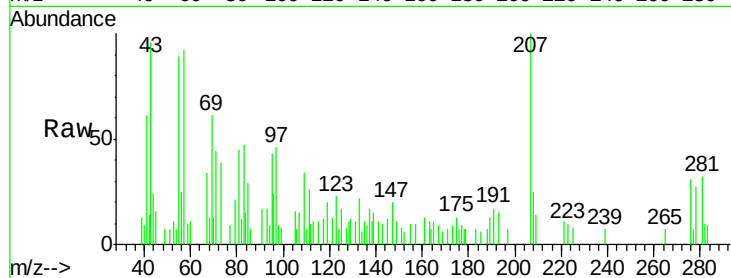
Tot Ion:278 Resp: 2348

Ion Ratio Lower Upper

278 100

139 54.8 15.9 23.9#

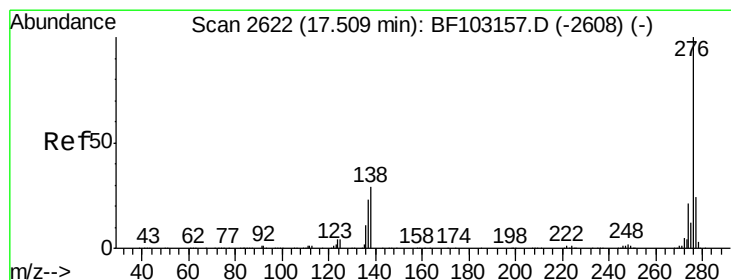
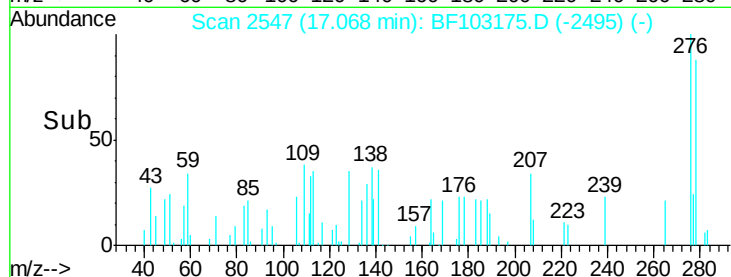
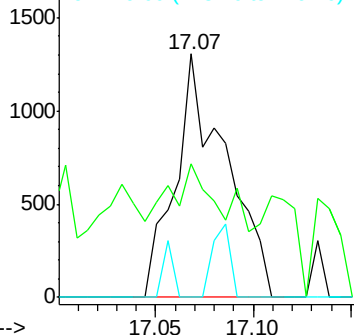
279 0.0 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.248 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.02 min

Lab File: BF103175.D

Acq: 22 Feb 2018 21:01

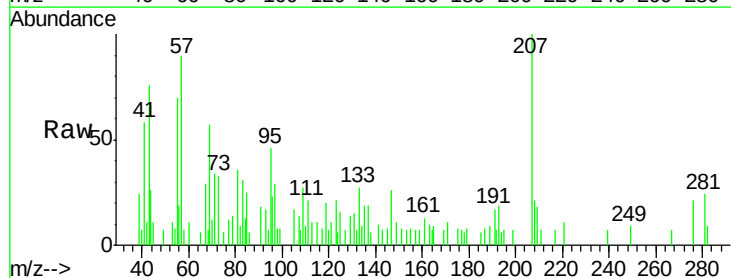
Tgt Ion:276 Resp: 2872

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 29.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

