

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098280.D
 Acq On : 6 Sep 2017 18:46
 Operator : SJ/JU
 Sample : I5084-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-WC1

Quant Time: Sep 07 03:36:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	112800	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	450590	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	204326	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	321820	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	226674	20.00	ng	-0.01
86) Perylene-d12	15.26	264	207917	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	816883	110.15	ng	0.00
7) Phenol-d6	6.34	99	1121165	111.27	ng	-0.01
23) Nitrobenzene-d5	7.26	82	679685	81.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	194158	109.52	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	963505	69.28	ng	-0.01
78) Terphenyl-d14	12.80	244	624192	57.42	ng	-0.01

Target Compounds						Qvalue
3) Pyridine	3.05	79	61539	5.38	ng	# 32
10) Phenol	6.35	94	25136	2.13	ng	84
15) Benzyl Alcohol	6.85	79	16519	2.19	ng	# 29
18) Hexachloroethane	7.20	117	44160	13.16	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	89720	13.01	ng	# 71
24) Nitrobenzene	7.32	77	29787	3.23	ng	# 9
25) Isophorone	7.26	82	676395	39.22	ng	# 67
26) 2-Nitrophenol	7.56	139	5345	6.68	ng	# 1
31) Naphthalene	8.00	128	119754	5.12	ng	# 97
32) Benzoic acid	7.78	122	1122	6.59	ng	# 1
35) Caprolactam	8.46	113	4543	2.24	ng	# 1
37) 2-Methylnaphthalene	8.69	142	53311	3.72	ng	# 17
48) Acenaphthylene	9.59	152	135087	6.25	ng	99
49) Dimethylphthalate	9.45	163	156070	10.45	ng	# 96
51) Acenaphthene	9.76	154	32804	2.41	ng	99
53) 2,4-Dinitrophenol	9.78	184	1063	10.80	ng	# 1
57) Fluorene	10.27	166	37885	2.68	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	117	8.38	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	12922	3.87	ng	# 1
70) Phenanthrene	11.23	178	233149	13.60	ng	100
71) Anthracene	11.29	178	103902	5.97	ng	99
74) Fluoranthene	12.43	202	710086	39.67	ng	97
77) Pyrene	12.66	202	747172	40.30	ng	99
80) Benzo(a)anthracene	13.84	228	400015	29.44	ng	99
82) Chrysene	13.87	228	341635	25.28	ng	97
83) Bis(2-ethylhexyl)phthalate	13.83	149	36401	4.62	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.47	276	29840	3.00	ng	92
87) Benzo(b)fluoranthene	14.86	252	591899	45.16	ng	99
88) Benzo(k)fluoranthene	14.86	252	591899	48.07	ng	97
89) Benzo(a)pyrene	15.20	252	326770	28.16	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	41986	4.45	ng	93
91) Benzo(a,h,i)perylene	17.03	276	159251	16.16	ng	95

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Response via : Initial Calibration

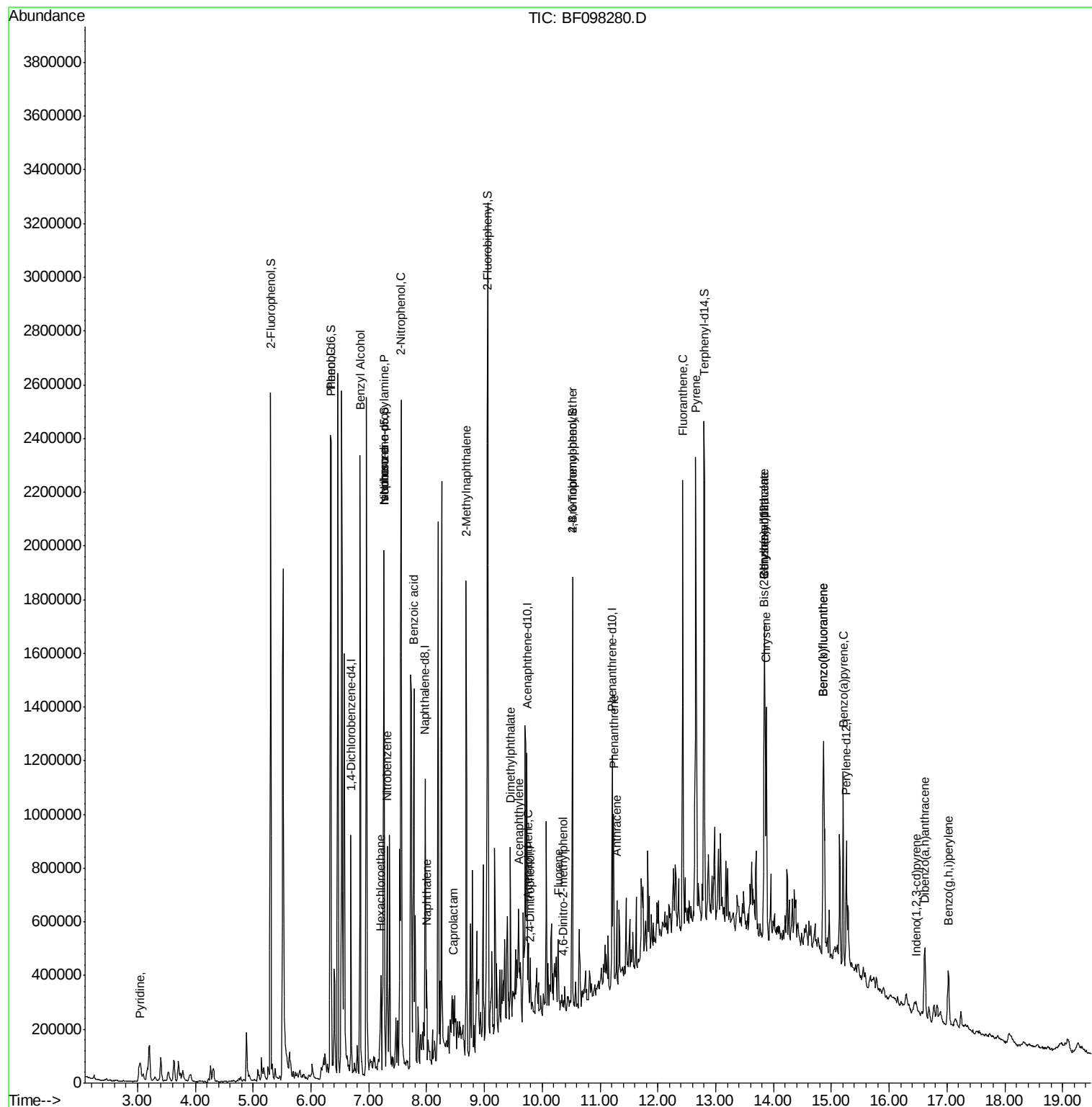
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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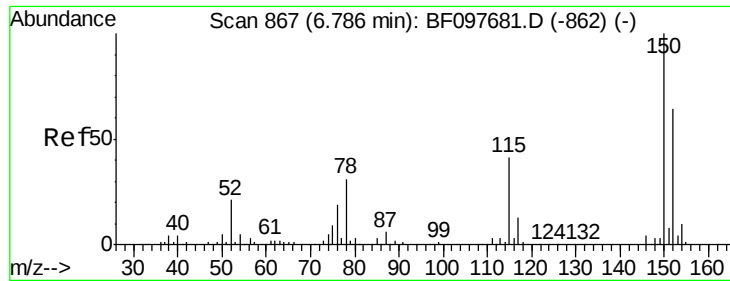
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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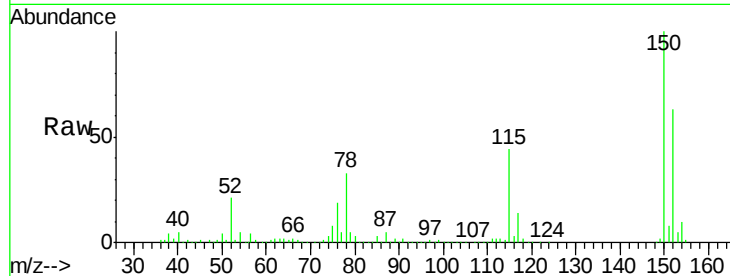


#1

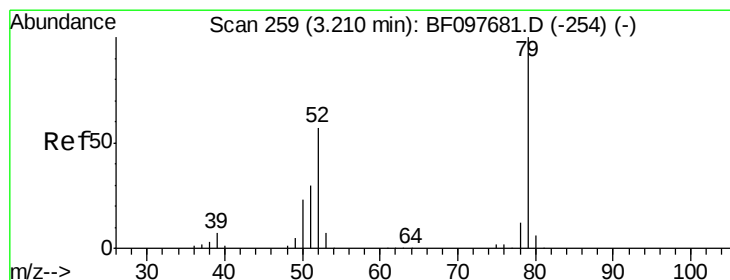
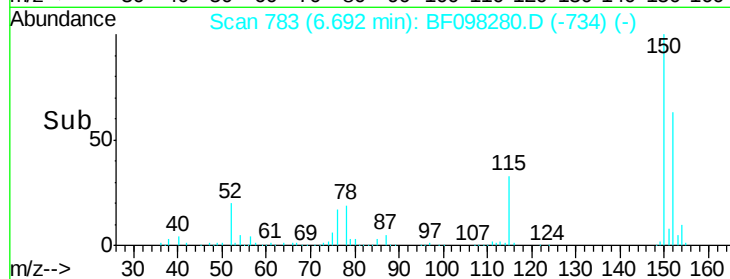
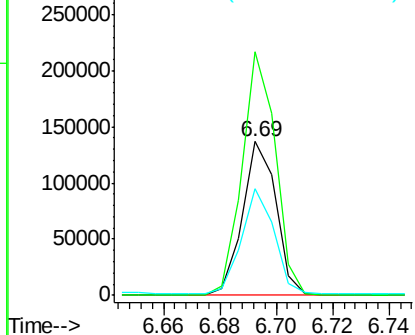
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

Instrument :
BNA_F
ClientSampled :
TP9-WC1

Tot Ion:152 Resp: 112800
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 69.4 52.2 78.2



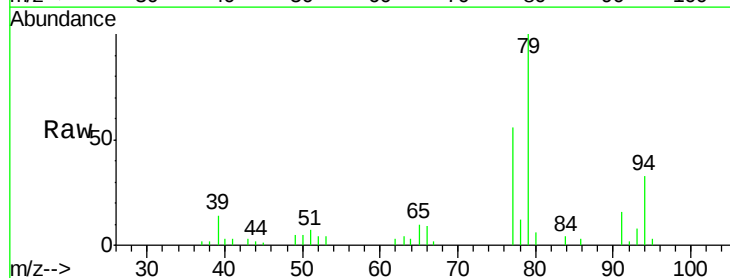
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



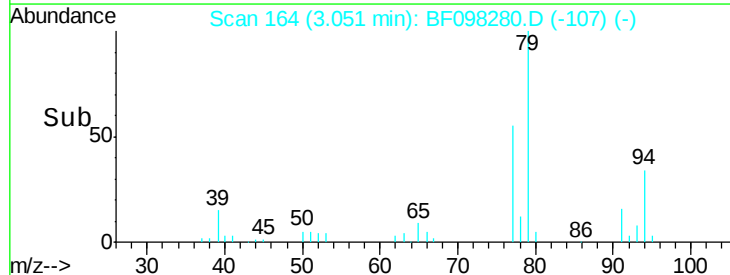
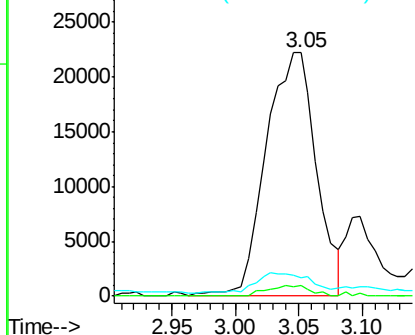
#3

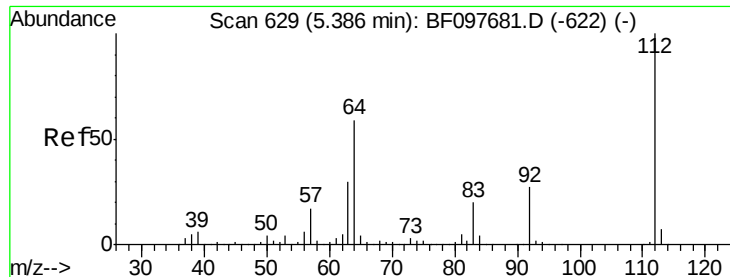
Pyridine
Concen: 5.38 ng
RT: 3.05 min Scan# 164
Delta R.T. 0.04 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

Tgt Ion: 79 Resp: 61539
Ion Ratio Lower Upper
79 100
52 4.2 54.8 82.2#
51 7.3 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 110.15 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampled :

TP9-WC1

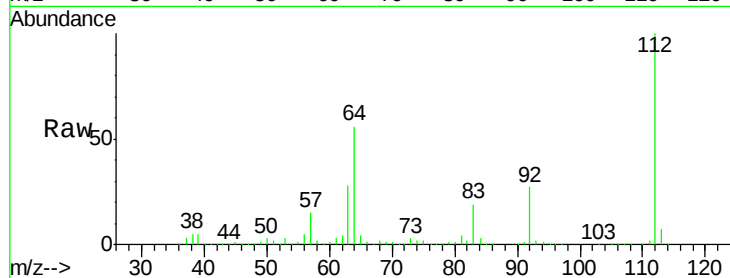
Tot Ion:112 Resp: 816883

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

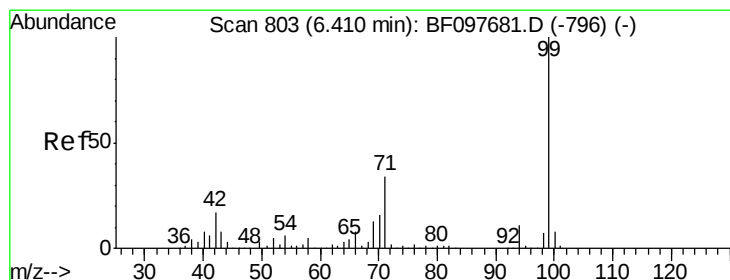
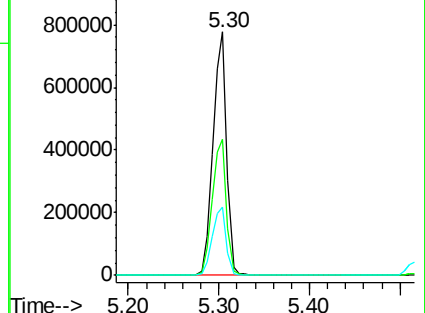
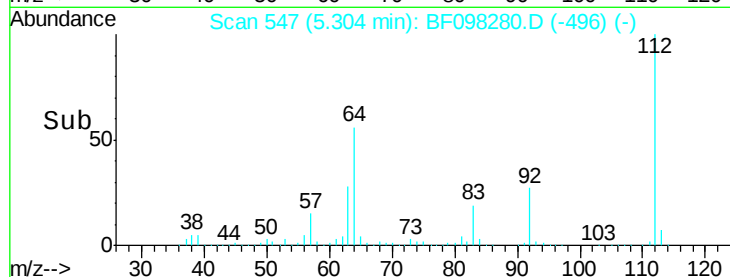
63 28.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 111.27 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

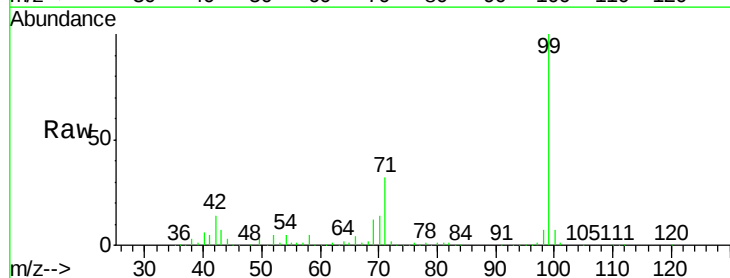
Tgt Ion: 99 Resp: 1121165

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

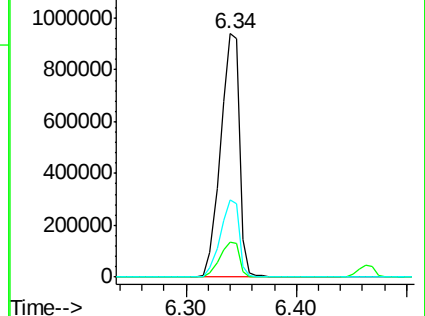
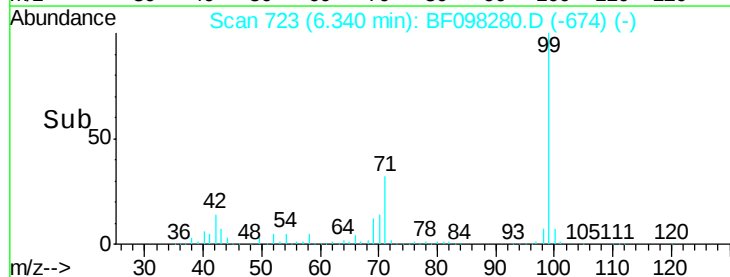
71 31.6 24.5 36.7

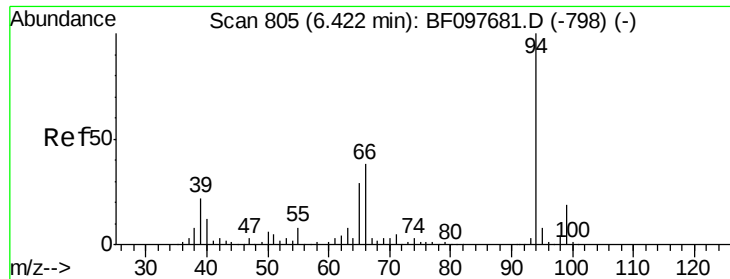


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.13 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampled :

TP9-WC1

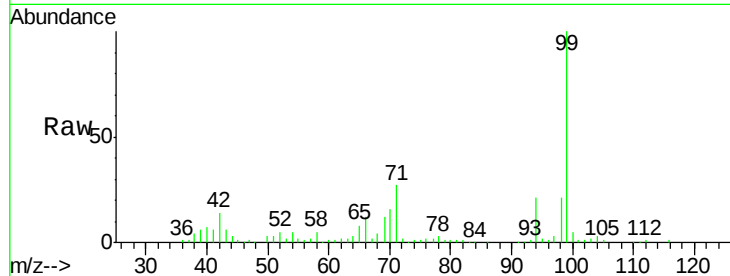
Tot Ion: 94 Resp: 25136

Ion Ratio Lower Upper

94 100

65 35.7 9.9 49.9

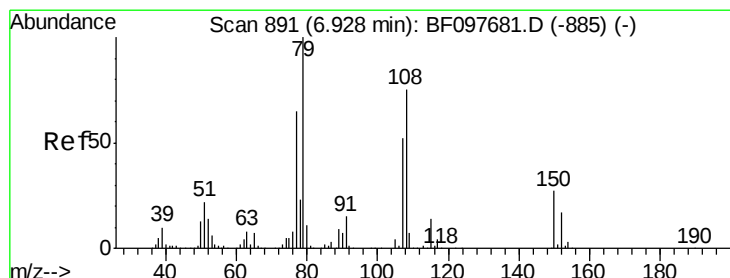
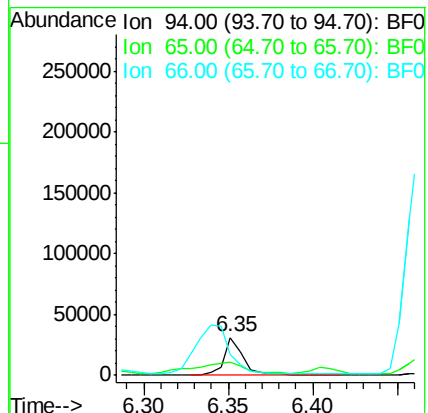
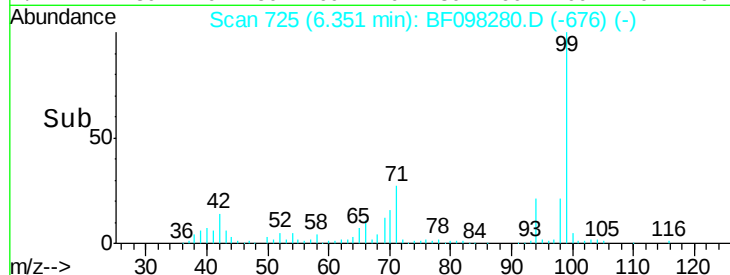
66 55.4 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

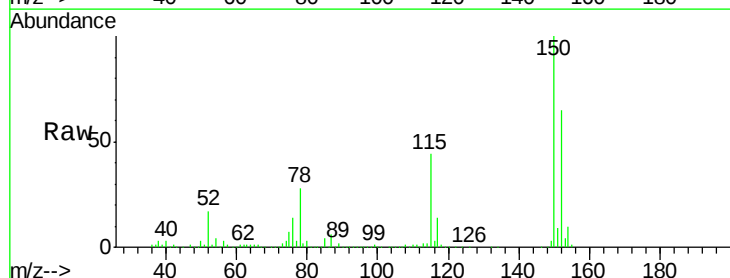
Tgt Ion: 79 Resp: 16519

Ion Ratio Lower Upper

79 100

108 28.3 63.4 95.0#

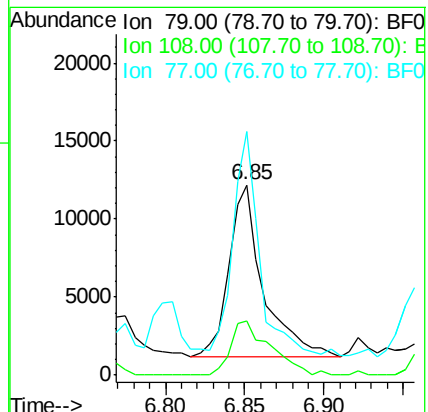
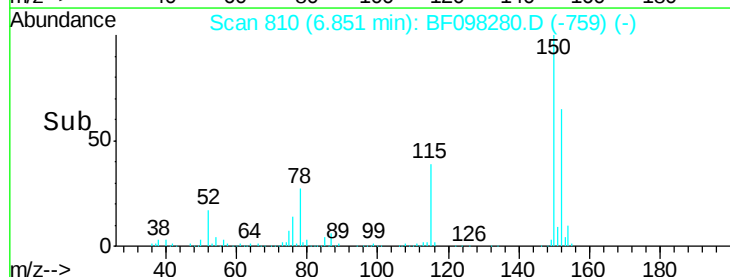
77 127.9 49.2 73.8#

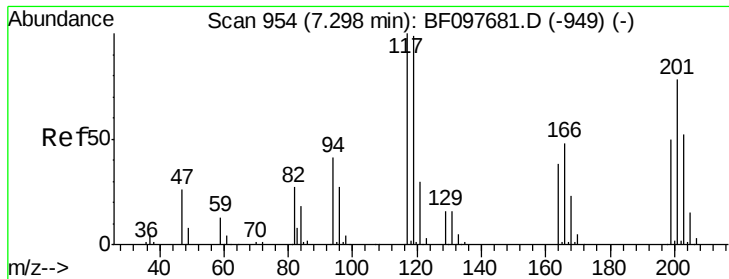


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 13.16 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

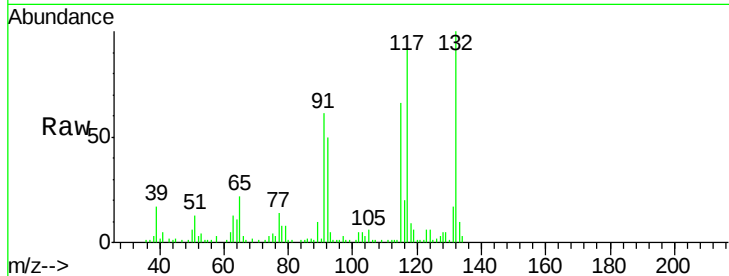
Tot Ion:117 Resp: 44160

Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

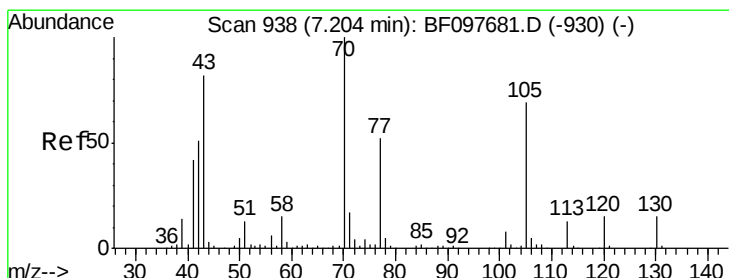
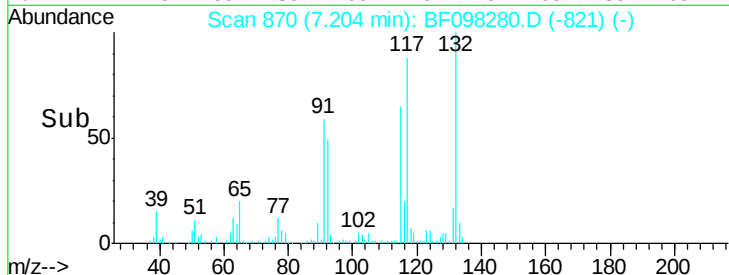
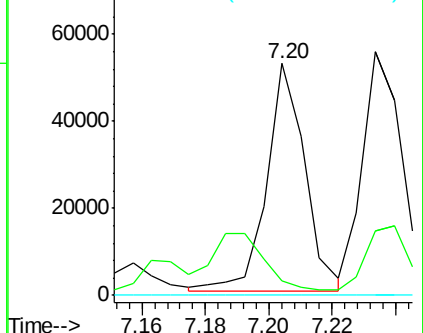
201 0.0 94.6 141.8#



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: 13.01 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Tgt Ion: 70 Resp: 89720

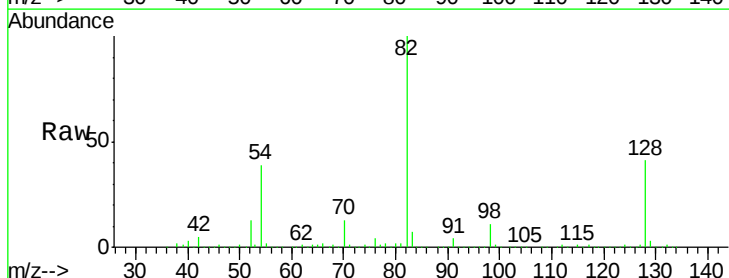
Ion Ratio Lower Upper

70 100

42 38.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

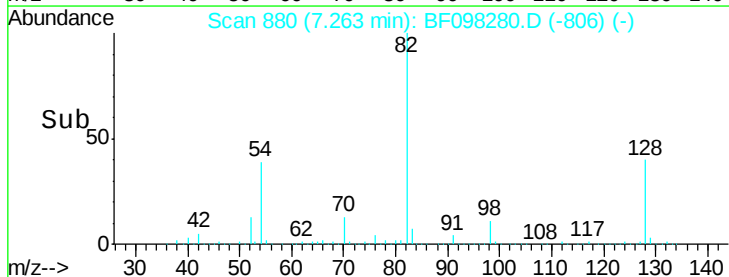
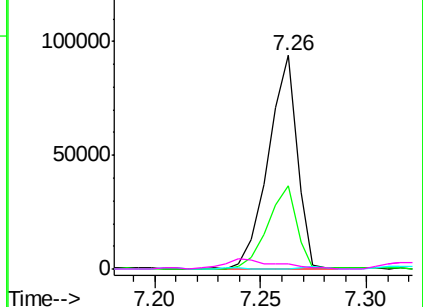


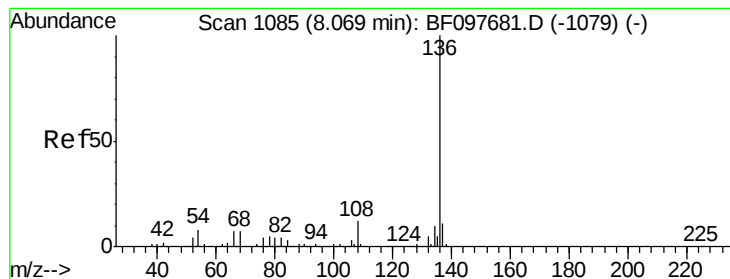
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

Tot Ion:136 Resp: 450590

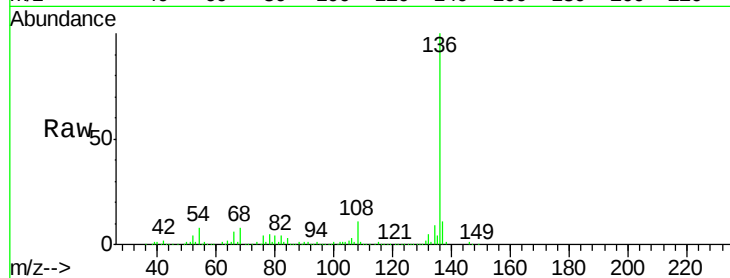
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.2 4.9 7.3#

68 7.9 4.1 6.1#

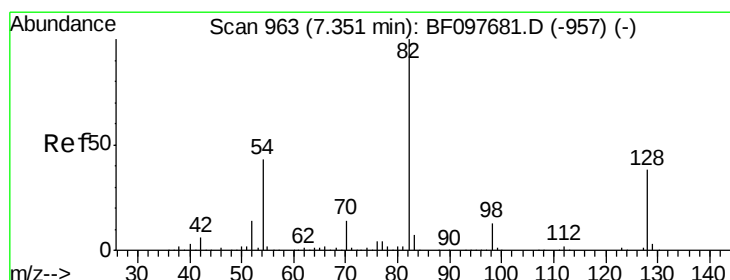
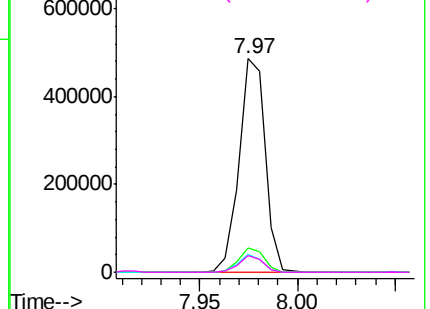
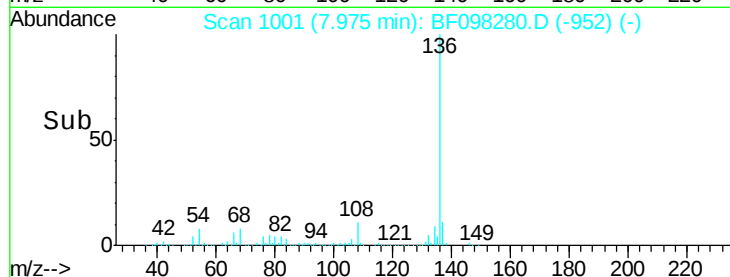


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 81.95 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

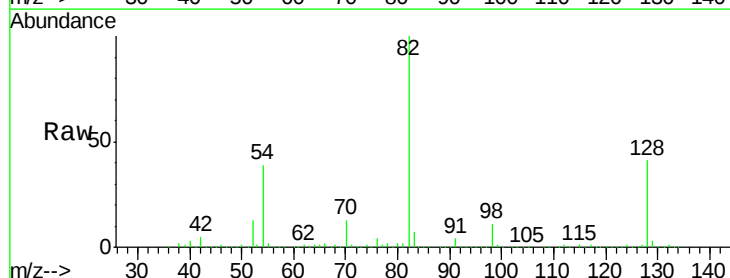
Tgt Ion: 82 Resp: 679685

Ion Ratio Lower Upper

82 100

128 40.5 34.0 51.0

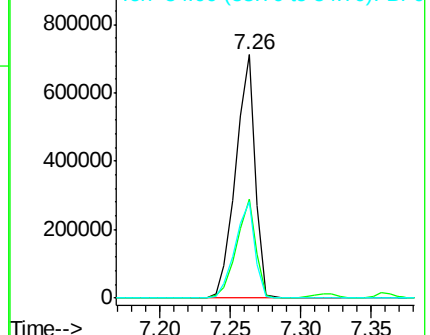
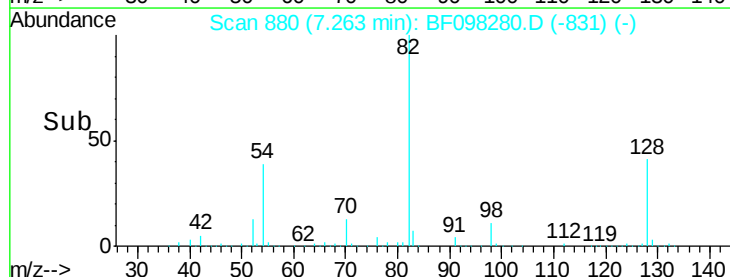
54 39.4 42.2 63.2#

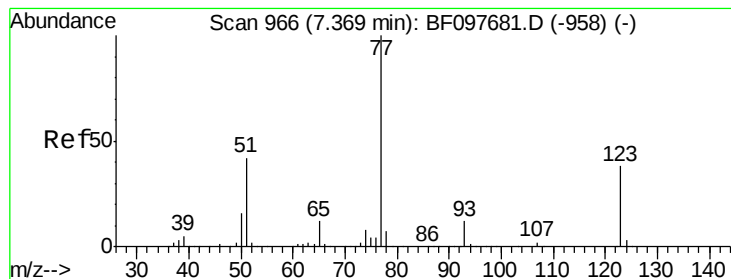


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 3.23 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.02 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampled :

TP9-WC1

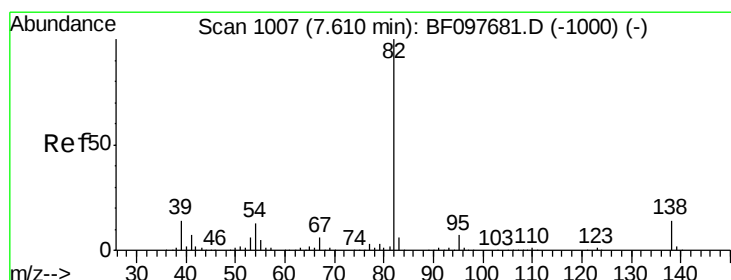
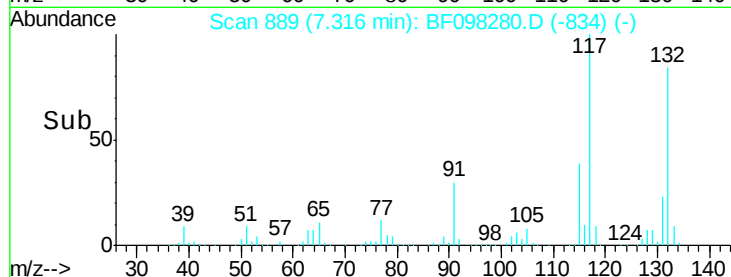
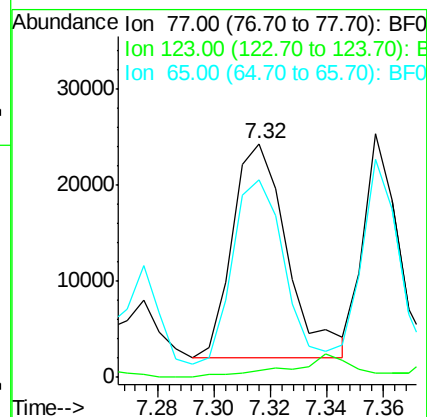
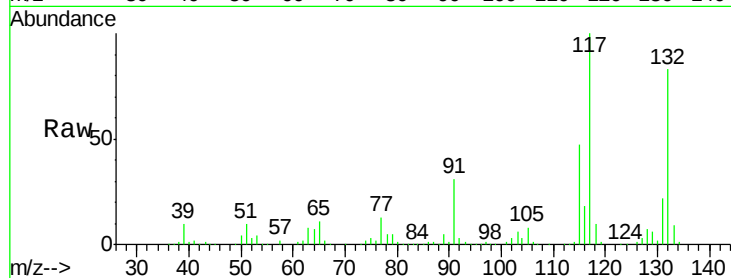
Tot Ion: 77 Resp: 29787

Ion Ratio Lower Upper

77 100

123 2.7 35.8 53.8#

65 84.5 10.6 15.8#



#25

Isophorone

Concen: 39.22 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

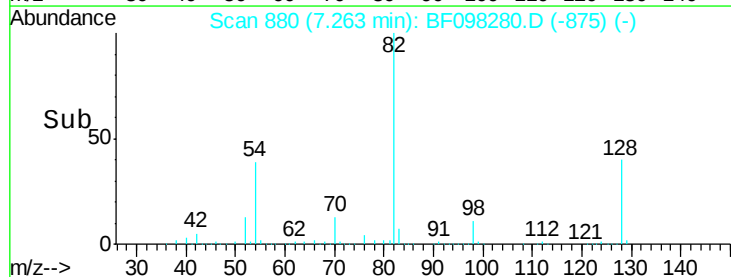
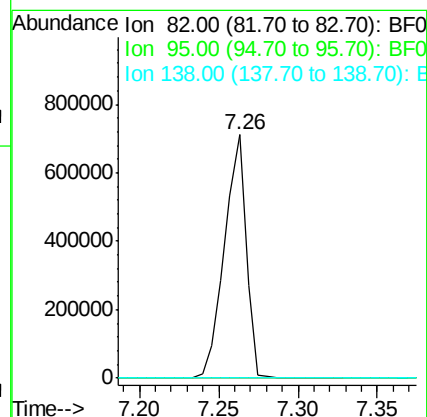
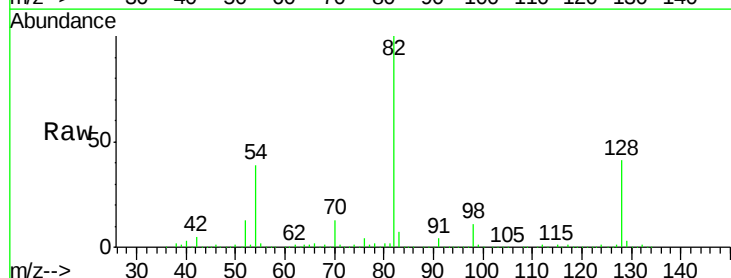
Tgt Ion: 82 Resp: 676395

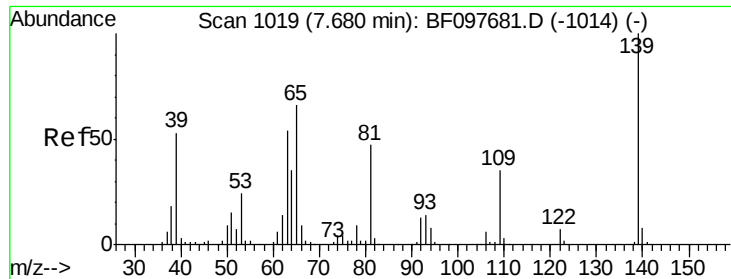
Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#

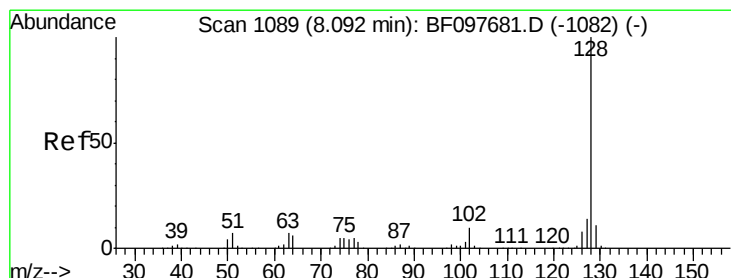
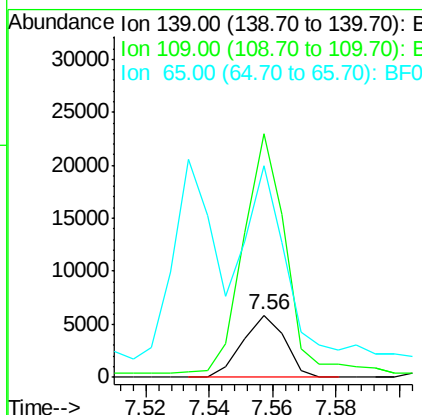
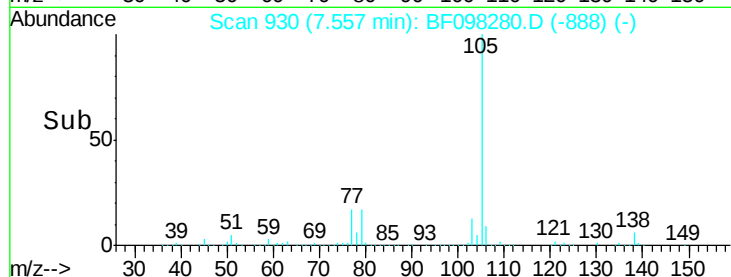
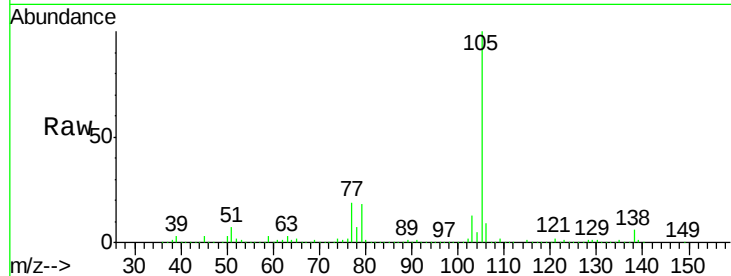




#26
2-Nitrophenol
Concen: 6.68 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.05 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

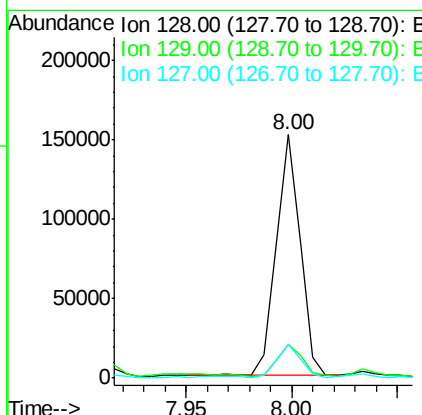
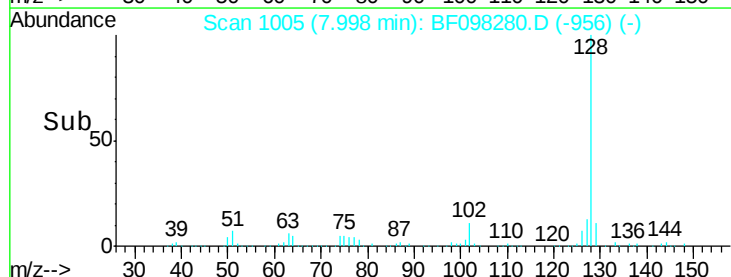
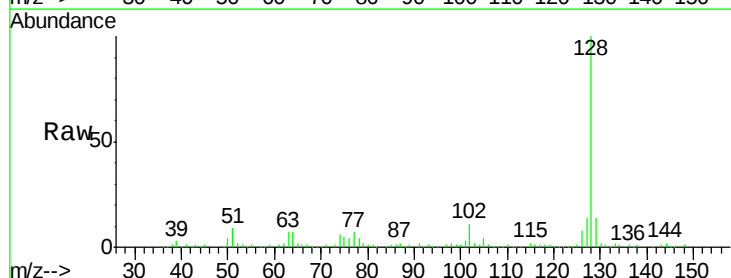
Instrument :
BNA_F
ClientSampleId :
TP9-WC1

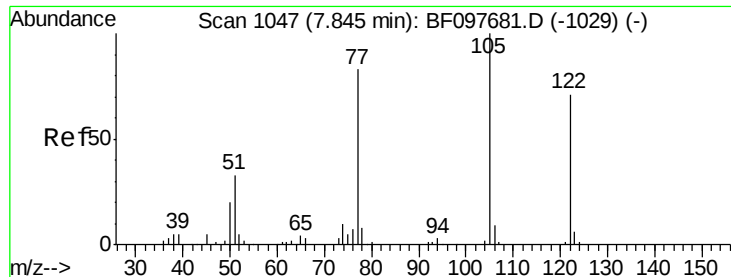
Tot Ion:139 Resp: 5345
Ion Ratio Lower Upper
139 100
109 392.5 21.0 31.6#
65 341.5 33.0 49.6#



#31
Naphthalene
Concen: 5.12 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

Tgt Ion:128 Resp: 119754
Ion Ratio Lower Upper
128 100
129 13.9 9.0 13.6#
127 13.6 10.8 16.2





#32

Benzoic acid

Concen: 6.59 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

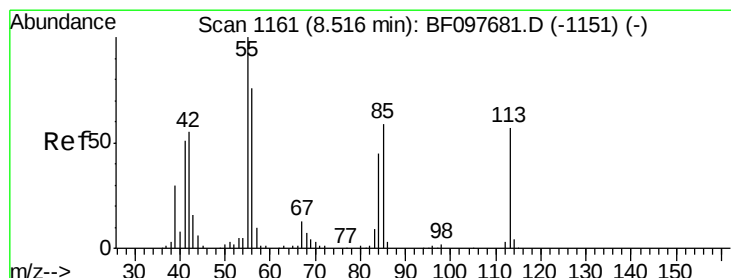
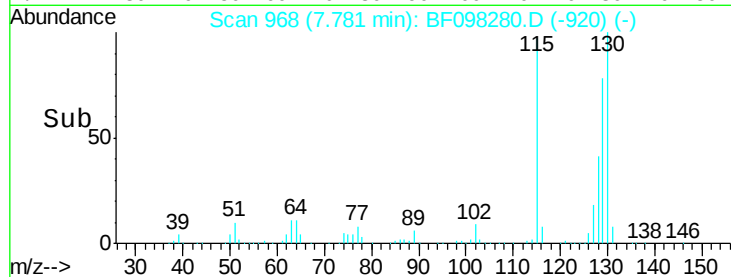
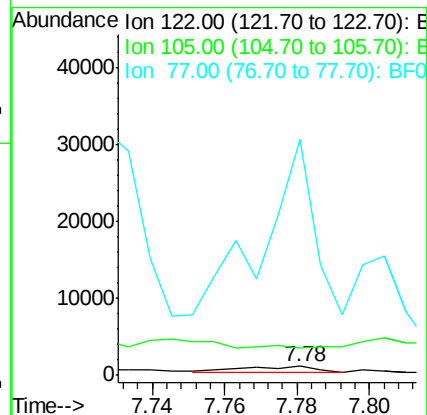
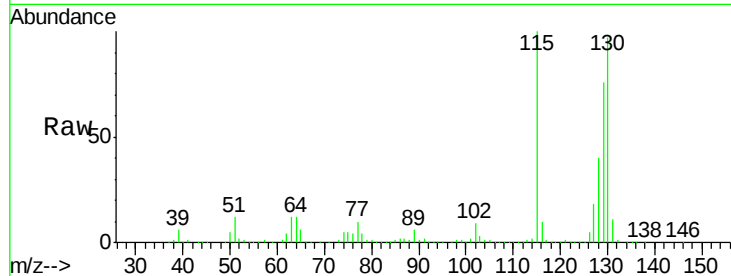
Tot Ion:122 Resp: 1122

Ion Ratio Lower Upper

122 100

105 301.2 103.3 143.3#

77 2656.1 73.7 113.7#



#35

Caprolactam

Concen: 2.24 ng

RT: 8.46 min Scan# 1083

Delta R.T. 0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

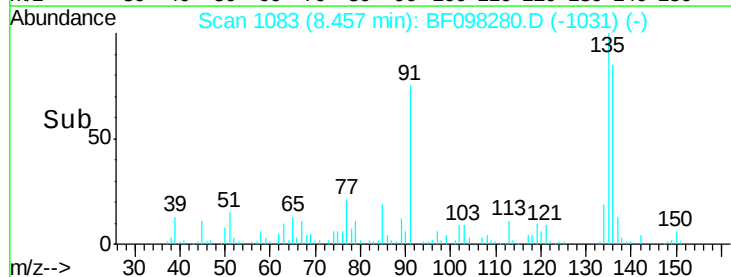
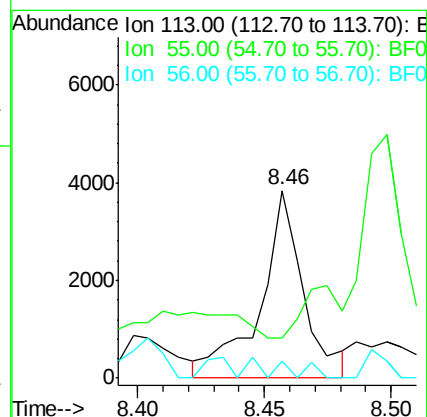
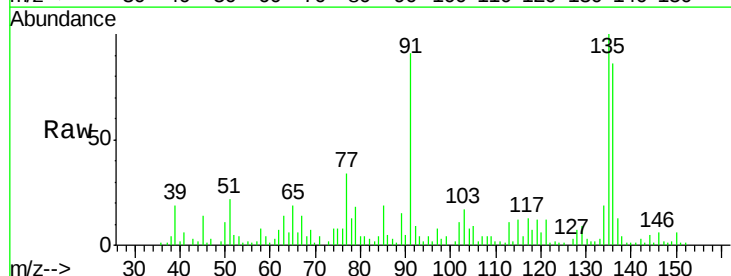
Tgt Ion:113 Resp: 4543

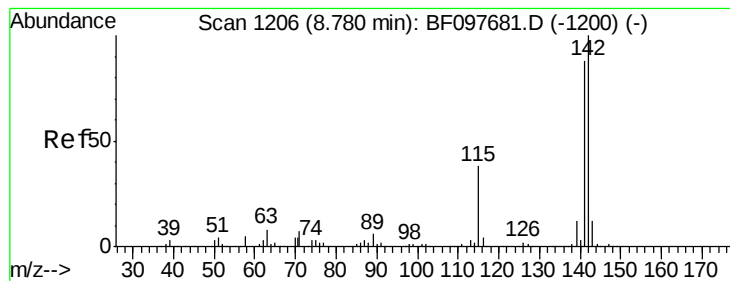
Ion Ratio Lower Upper

113 100

55 21.1 150.2 190.2#

56 9.3 107.8 147.8#





#37

2-Methylnaphthalene

Concen: 3.72 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

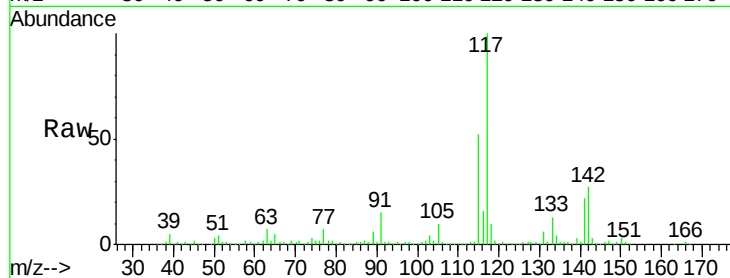
Tot Ion:142 Resp: 53311

Ion Ratio Lower Upper

142 100

141 82.4 71.3 106.9

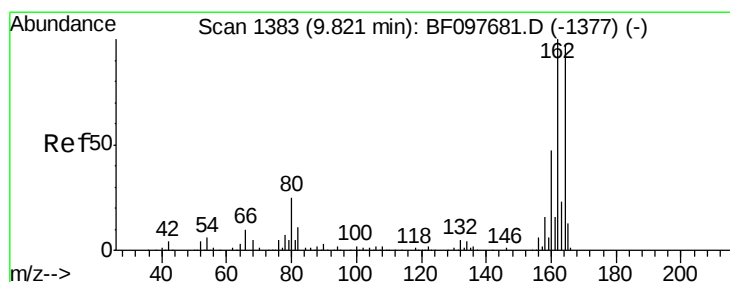
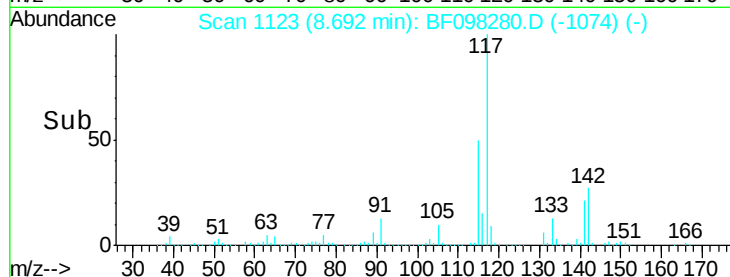
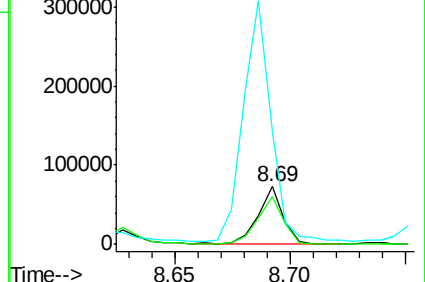
115 194.8 27.1 40.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

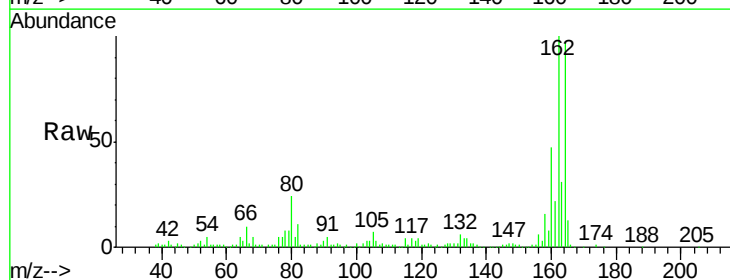
Tgt Ion:164 Resp: 204326

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

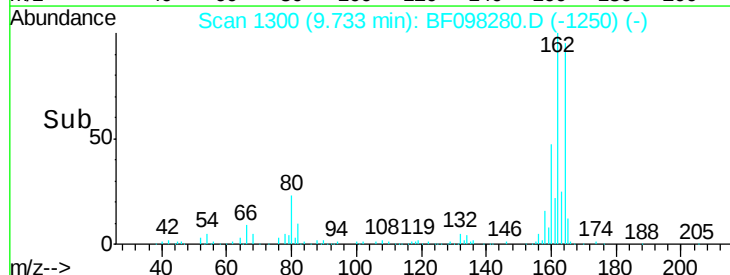
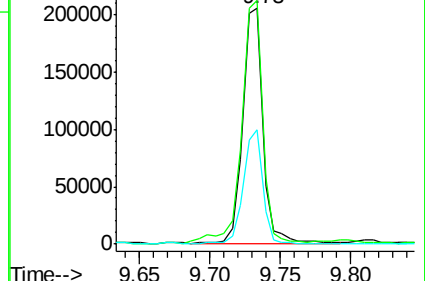
160 48.4 36.2 54.2

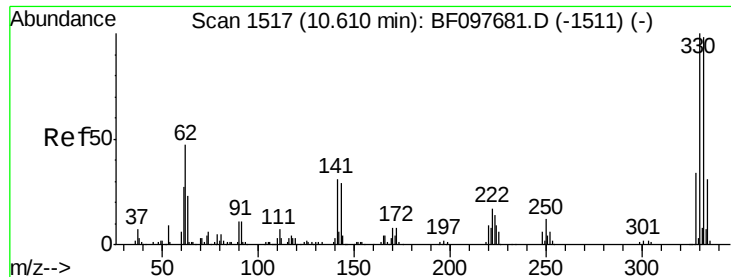


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

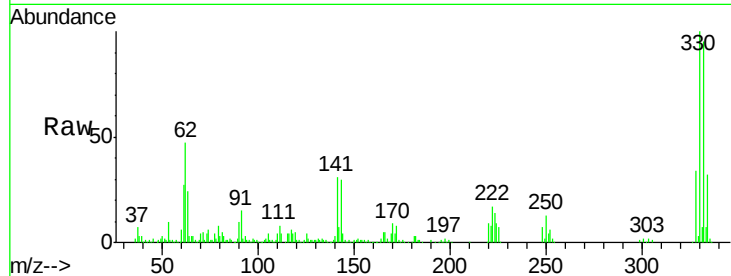




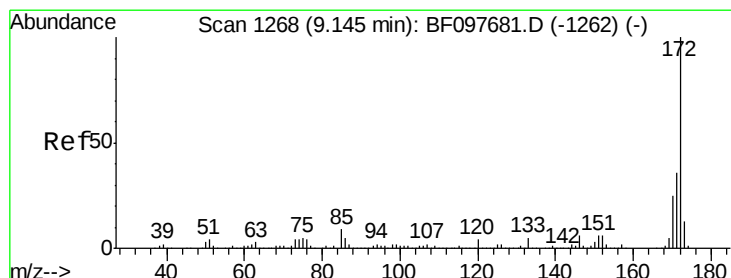
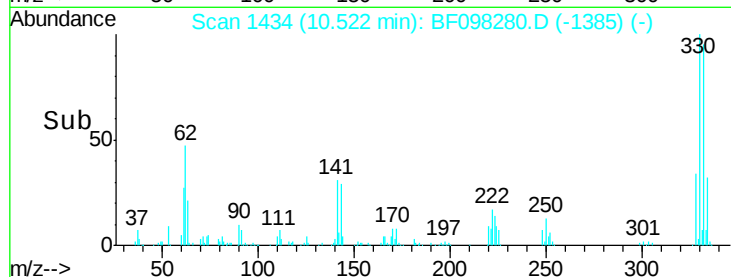
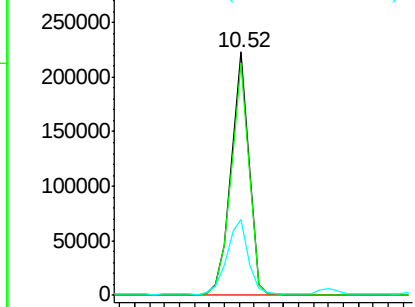
#41
 2,4,6-Tribromophenol
 Concen: 109.52 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098280.D
 Acq: 6 Sep 2017 18:46

Instrument :
 BNA_F
 ClientSampleId :
 TP9-WC1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	36.2	31.4	47.2

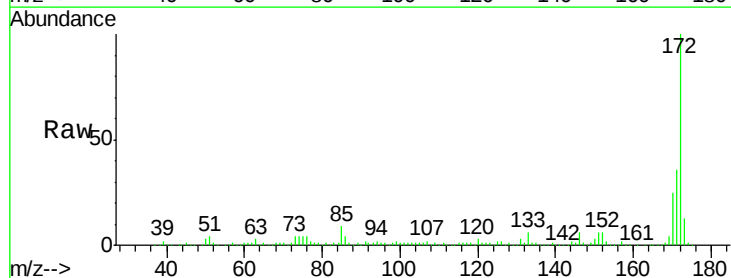


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

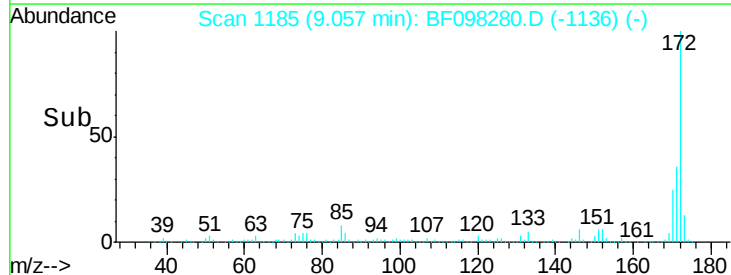
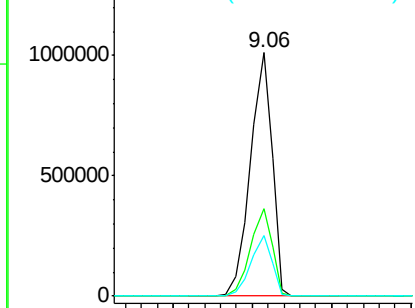


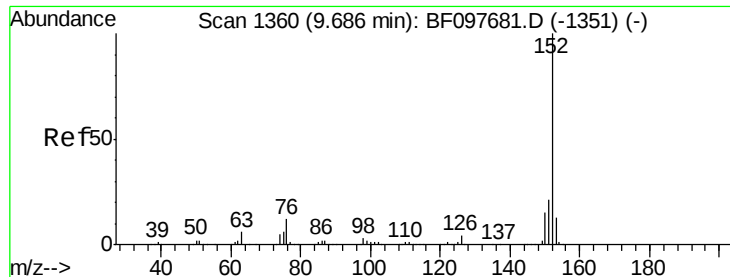
#44
 2-Fluorobiphenyl
 Concen: 69.28 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098280.D
 Acq: 6 Sep 2017 18:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.7	19.8	29.8



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





#48

Acenaphthylene

Concen: 6.25 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

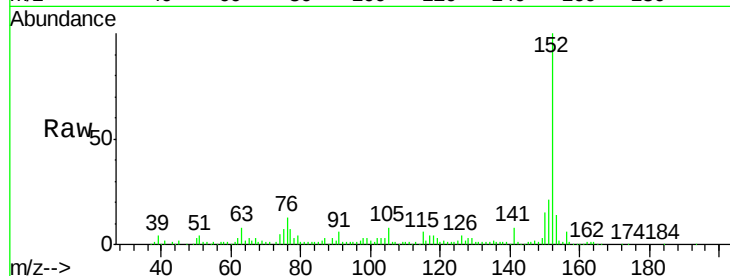
Tot Ion:152 Resp: 135087

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

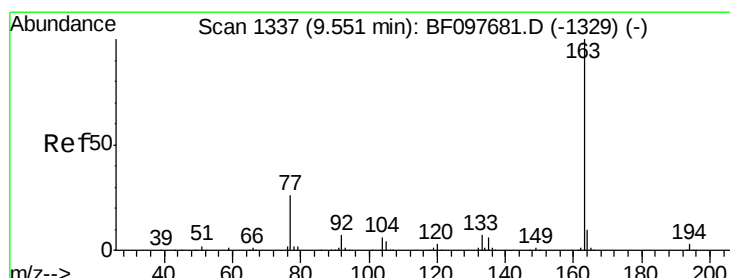
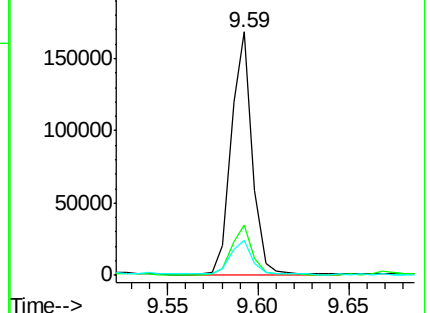
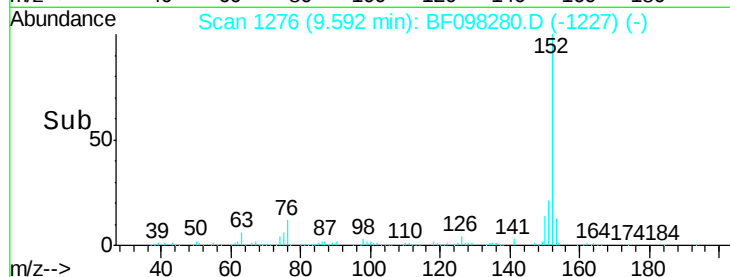
153 14.1 10.8 16.2



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: 10.45 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

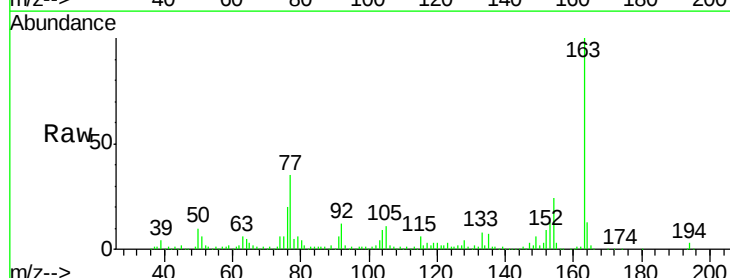
Tgt Ion:163 Resp: 156070

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

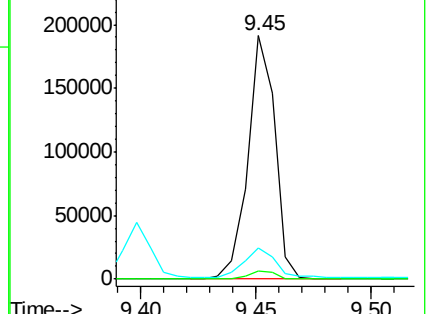
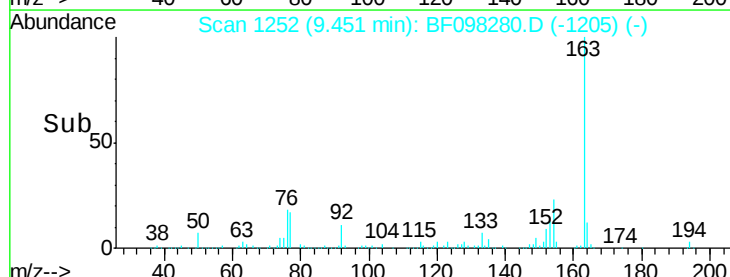
164 12.6 8.4 12.6#

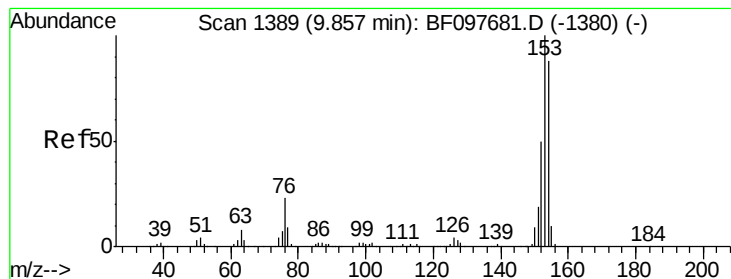


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.41 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

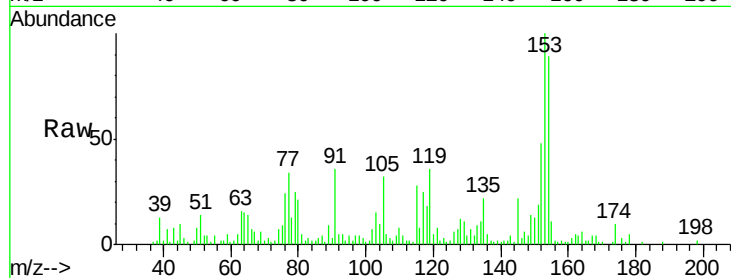
Tot Ion:154 Resp: 32804

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

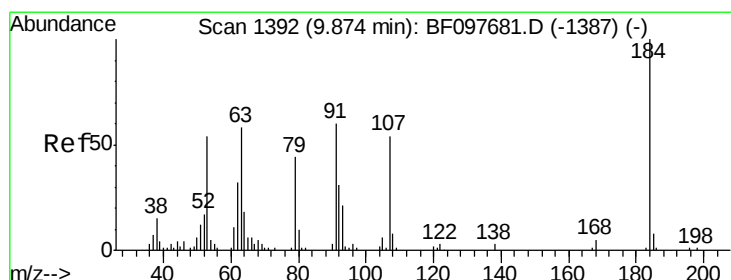
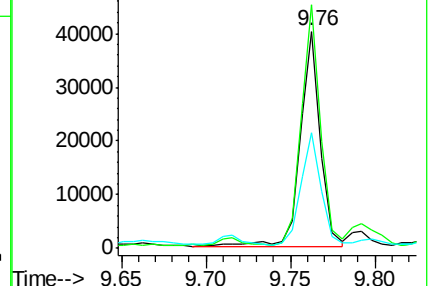
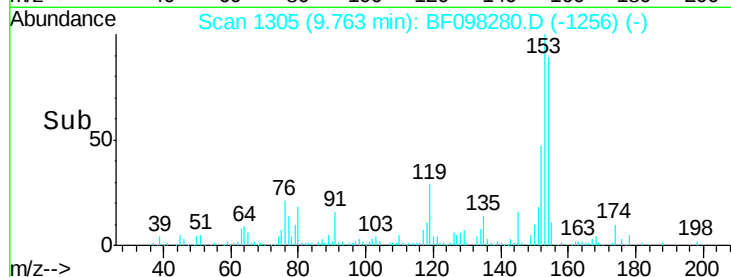
152 53.4 43.6 65.4



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



#53

2,4-Dinitrophenol

Concen: 10.80 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.04 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

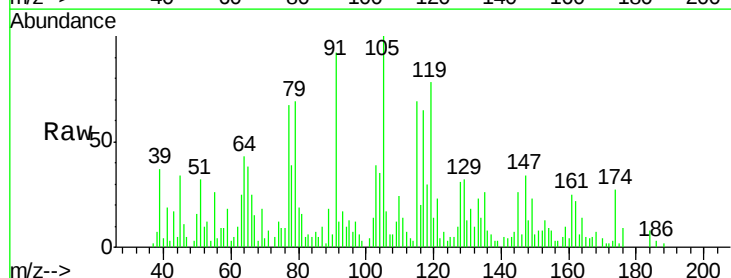
Tgt Ion:184 Resp: 1063

Ion Ratio Lower Upper

184 100

63 311.1 62.7 94.1#

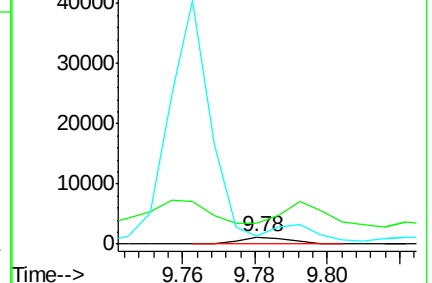
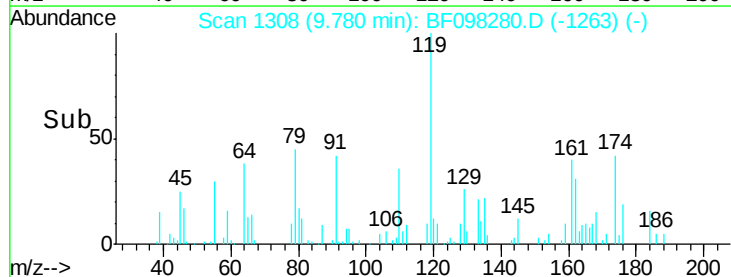
154 114.0 81.1 121.7

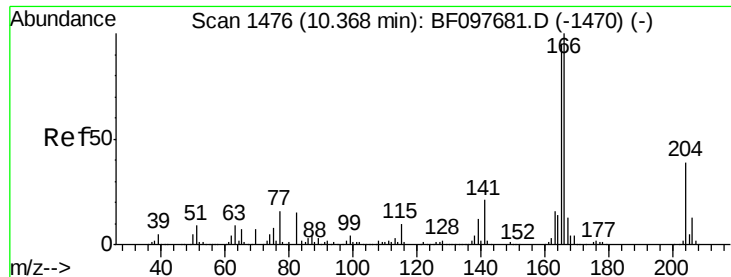


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

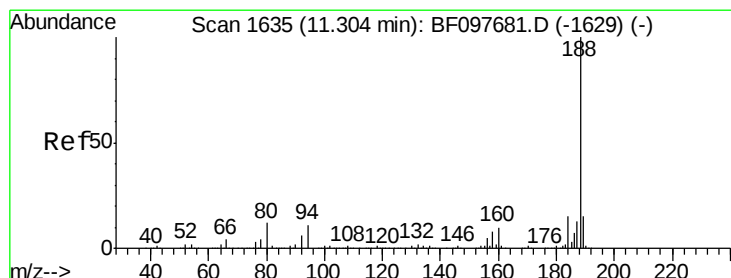
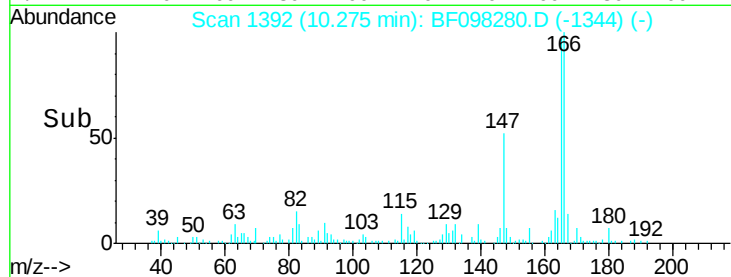
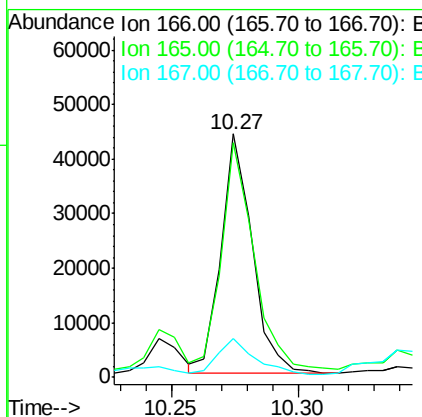
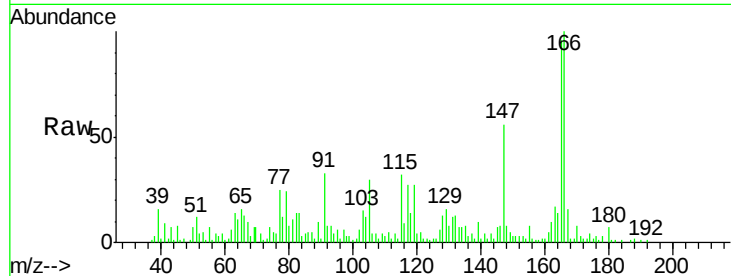




#57
Fluorene
 Concen: 2.68 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.02 min
 Lab File: BF098280.D
 Acq: 6 Sep 2017 18:46

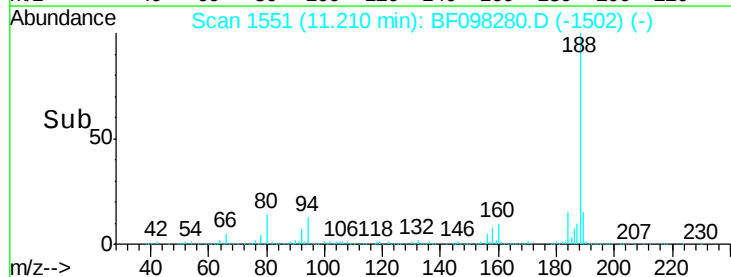
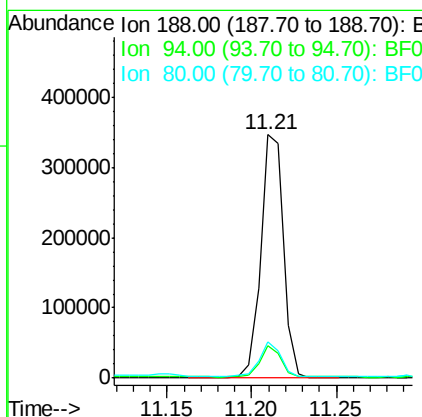
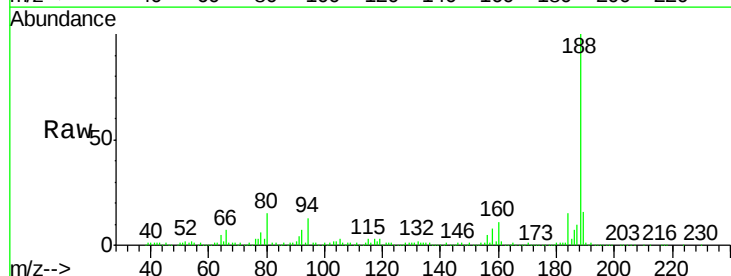
Instrument :
 BNA_F
 ClientSampleId :
 TP9-WC1

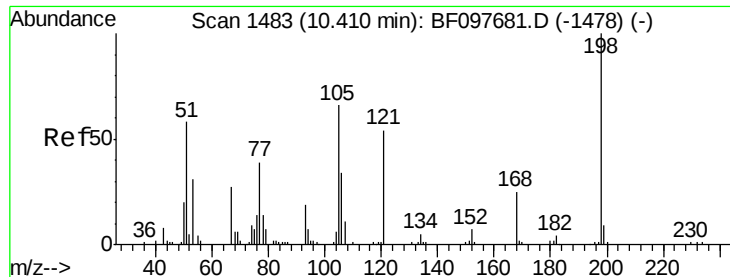
Tot Ion:166 Resp: 37885
 Ion Ratio Lower Upper
 166 100
 165 96.5 78.8 118.2
 167 15.9 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF098280.D
 Acq: 6 Sep 2017 18:46

Tgt Ion:188 Resp: 321820
 Ion Ratio Lower Upper
 188 100
 94 13.4 9.4 14.2
 80 15.1 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.38 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.02 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

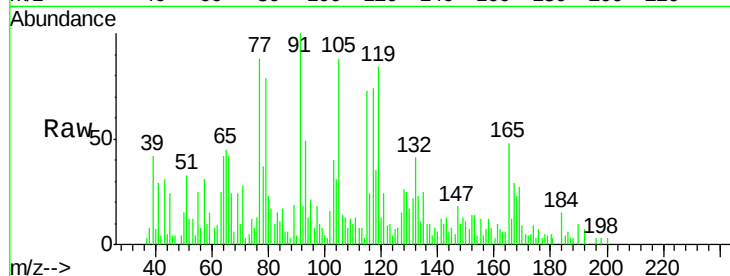
Tot Ion:198 Resp: 117

Ion Ratio Lower Upper

198 100

51 1124.5 53.2 93.2#

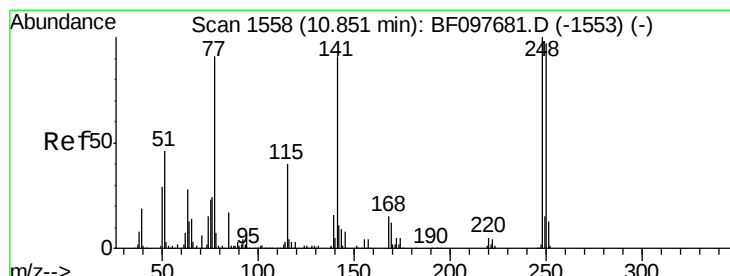
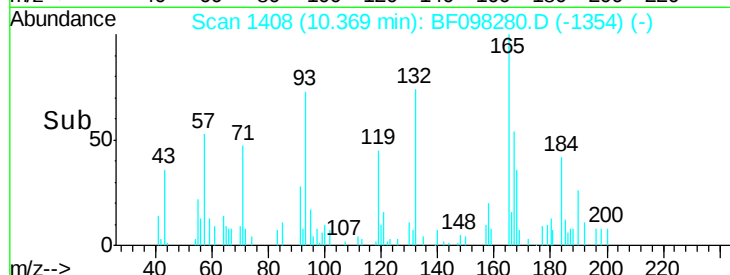
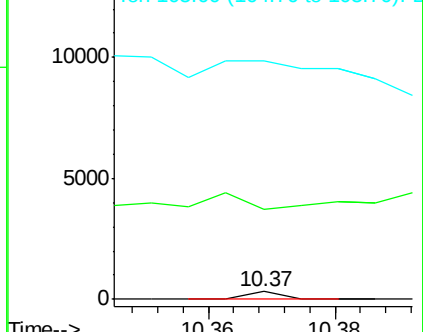
105 2982.5 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.87 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

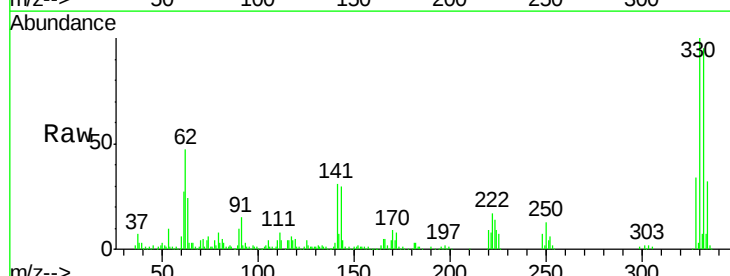
Tgt Ion:248 Resp: 12922

Ion Ratio Lower Upper

248 100

250 192.4 76.8 115.2#

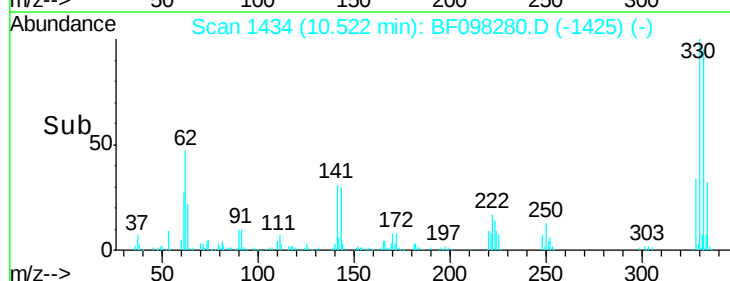
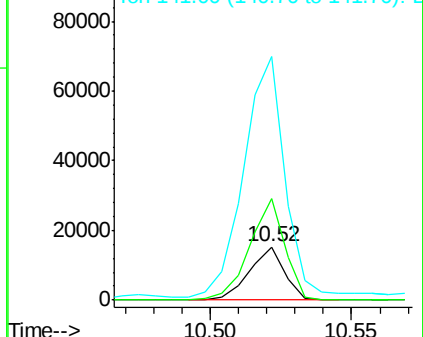
141 459.0 68.6 103.0#

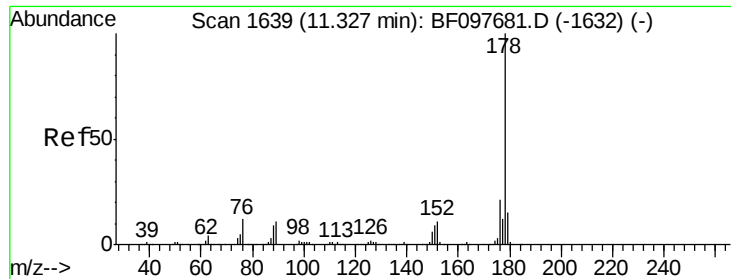


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

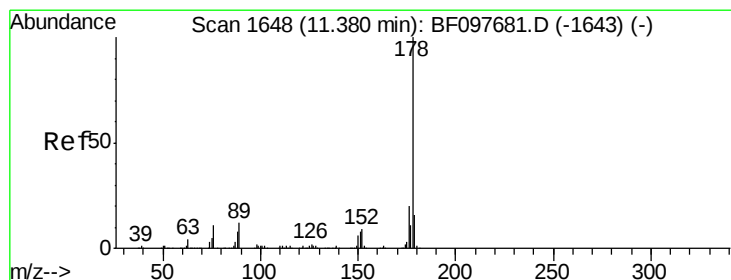
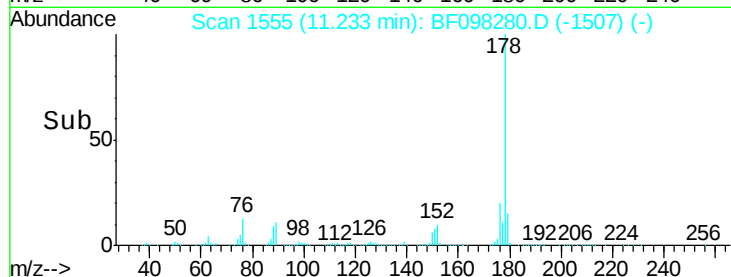
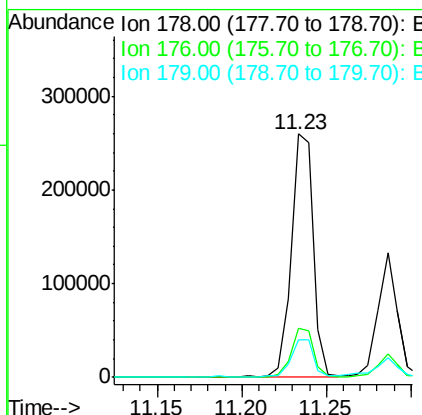
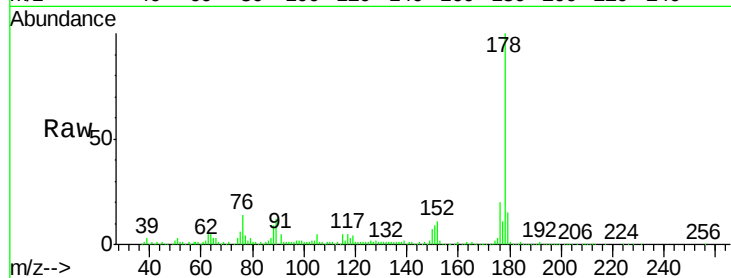




#70
Phenanthrene
Concen: 13.60 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

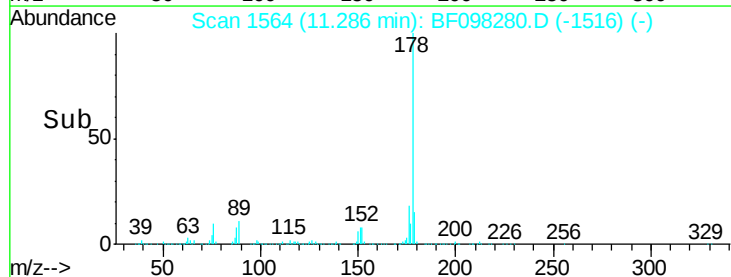
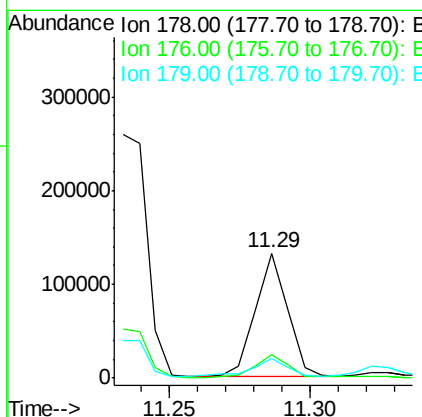
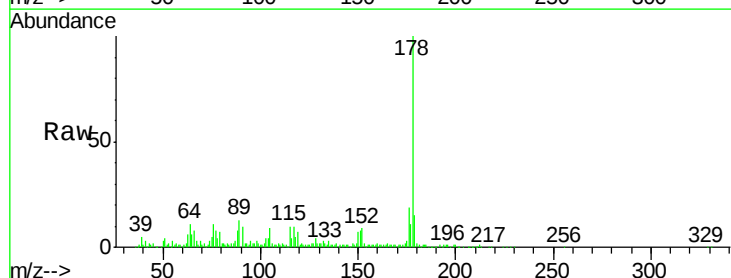
Instrument :
BNA_F
ClientSampleId :
TP9-WC1

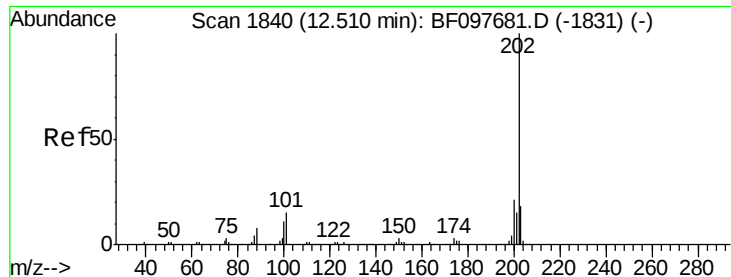
Tot Ion:178 Resp: 233149
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.4 12.6 19.0



#71
Anthracene
Concen: 5.97 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

Tgt Ion:178 Resp: 103902
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.4 12.7 19.1





#74

Fluoranthene

Concen: 39.67 ng

RT: 12.43 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

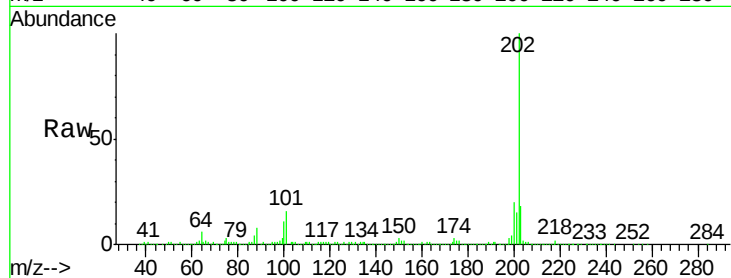
Tot Ion:202 Resp: 710086

Ion Ratio Lower Upper

202 100

101 15.7 0.0 33.2

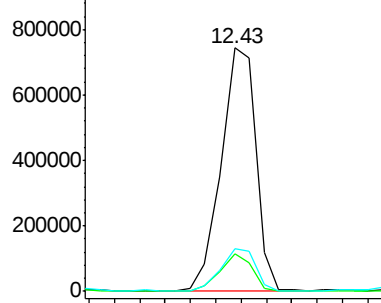
203 17.6 0.0 38.1



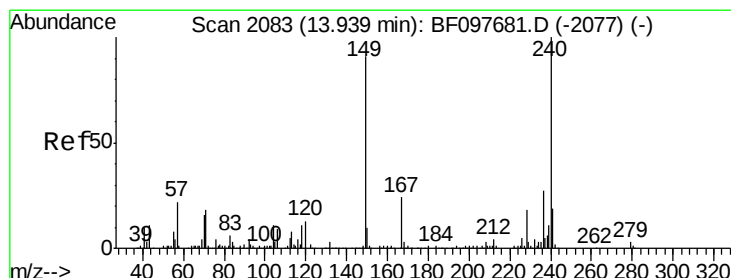
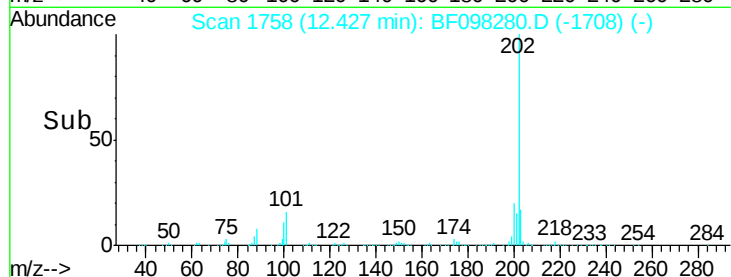
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

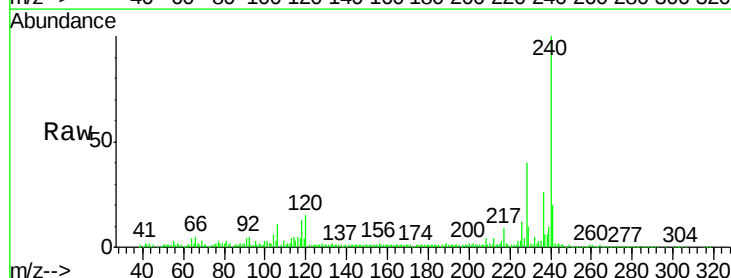
Tgt Ion:240 Resp: 226674

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

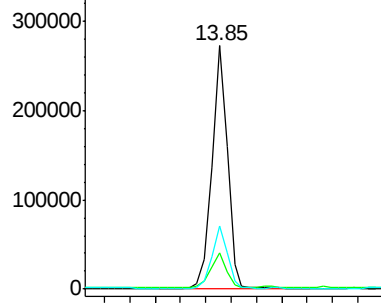
236 25.8 20.5 30.7



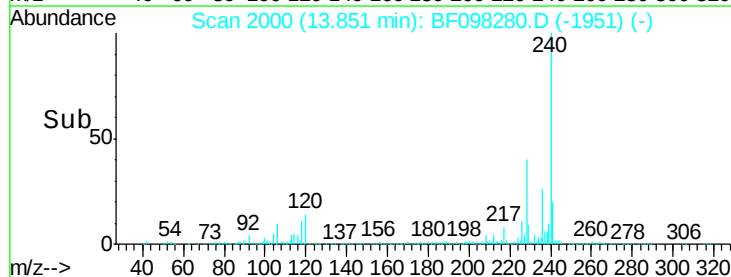
Abundance Ion 240.00 (239.70 to 240.70): E

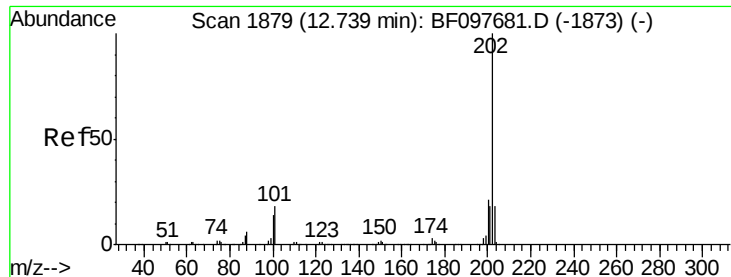
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Pvrene

Concen: 40.30 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

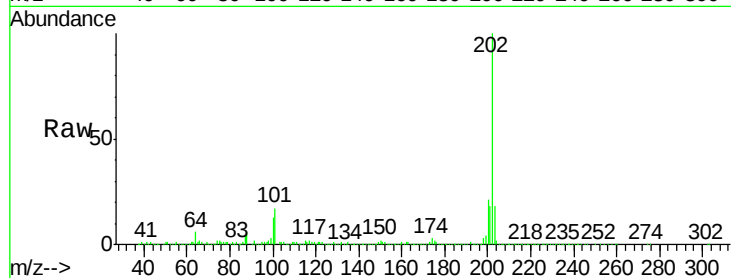
Tot Ion:202 Resp: 747172

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

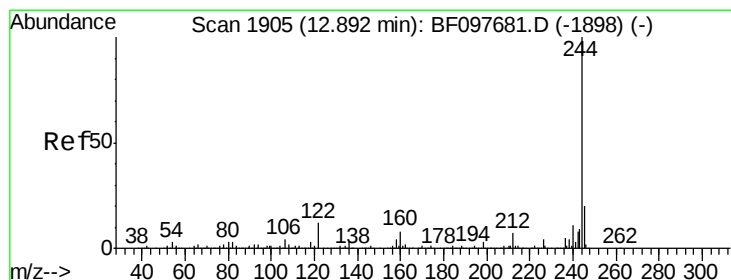
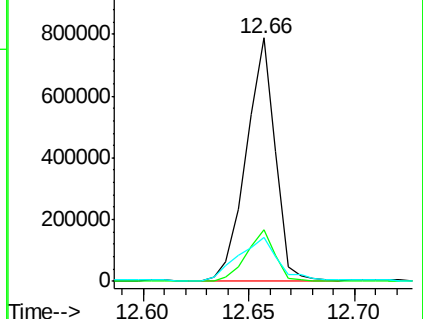
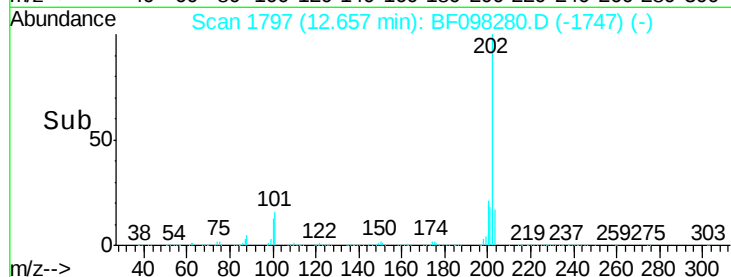
203 18.1 14.4 21.6



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: 57.42 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

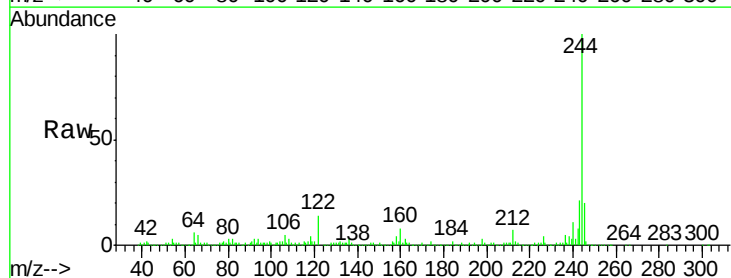
Tgt Ion:244 Resp: 624192

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

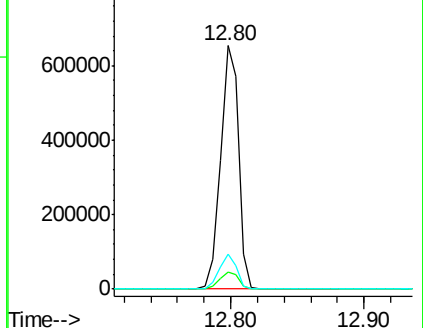
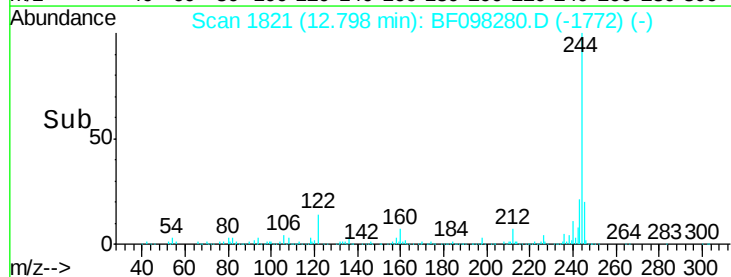
122 14.3 10.3 15.5

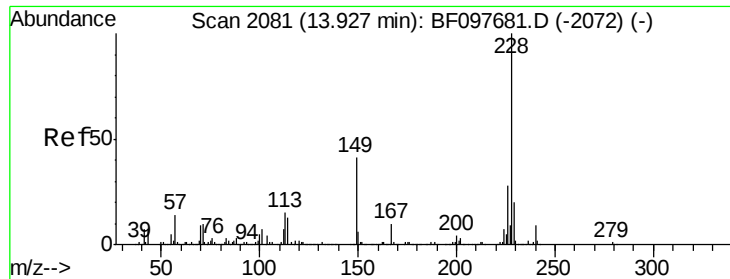


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 29.44 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

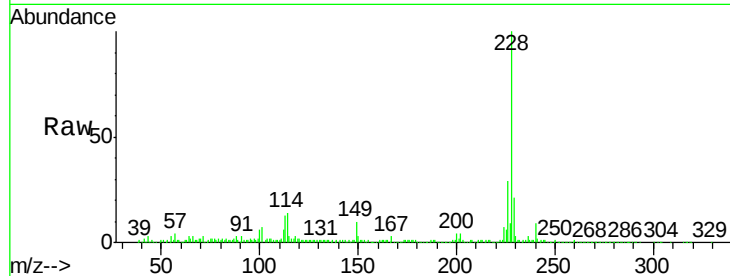
Tot Ion:228 Resp: 400015

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

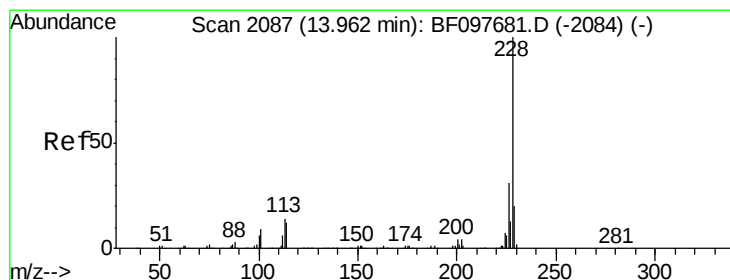
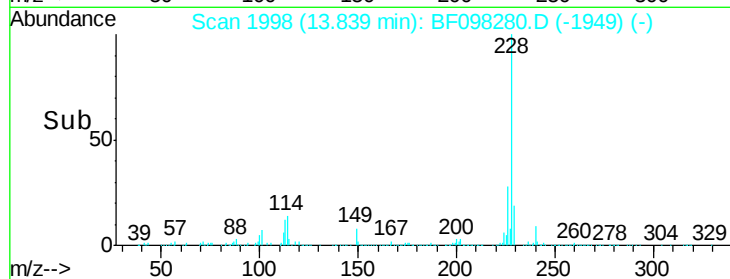
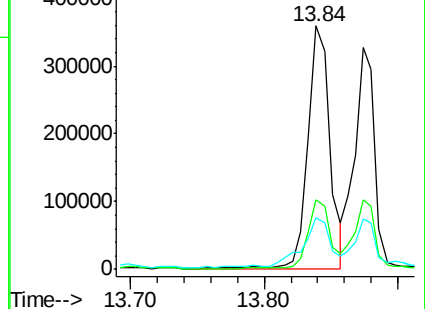
229 21.0 16.3 24.5



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



#82

Chrysene

Concen: 25.28 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

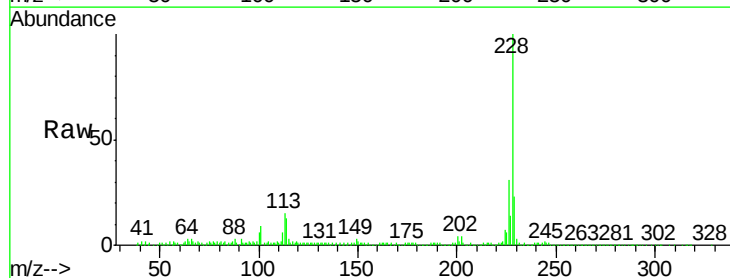
Tgt Ion:228 Resp: 341635

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

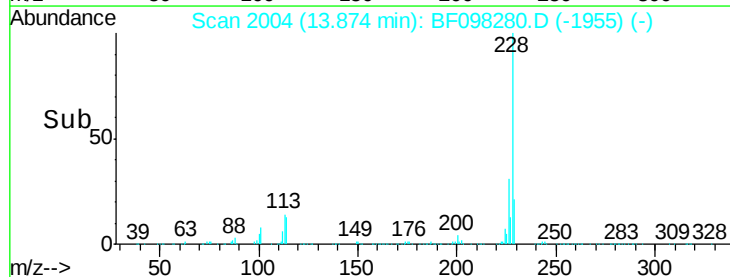
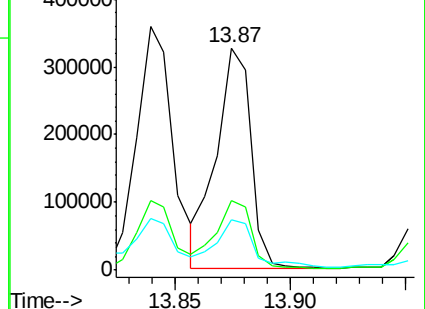
229 22.8 15.8 23.6

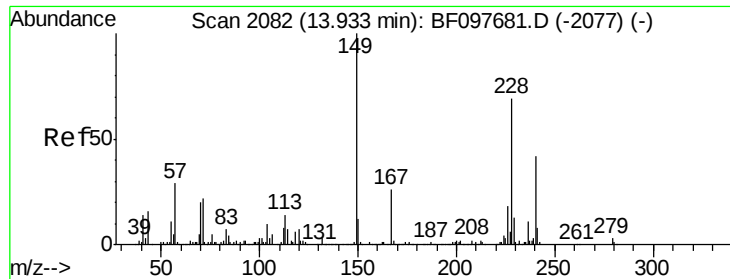


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

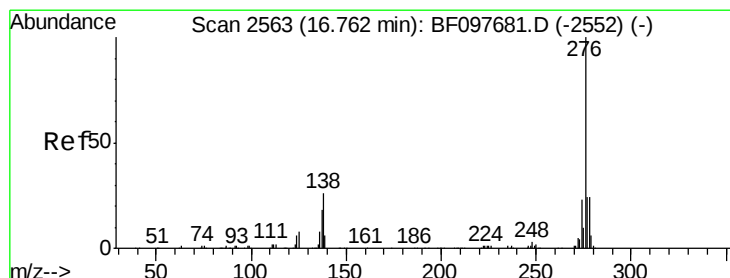
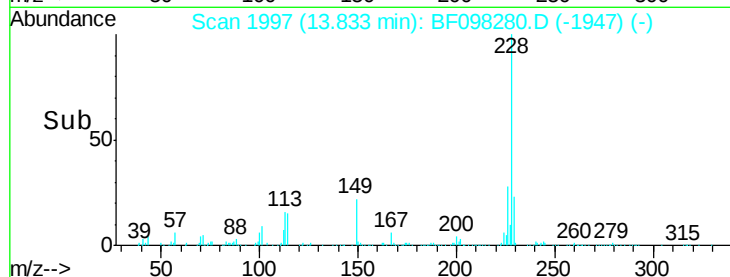
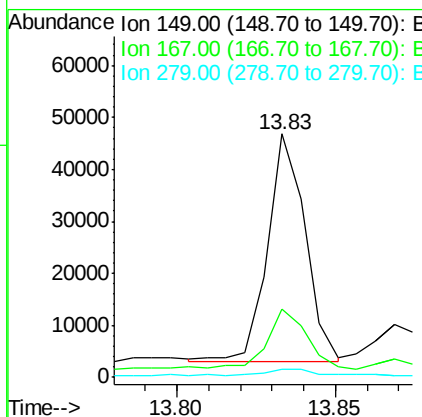
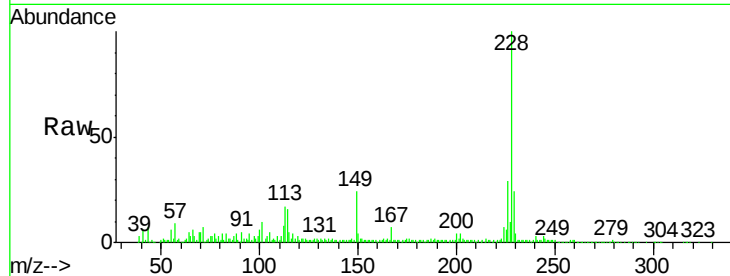




#83
Bis(2-ethylhexyl)phthalate
Concen: 4.62 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

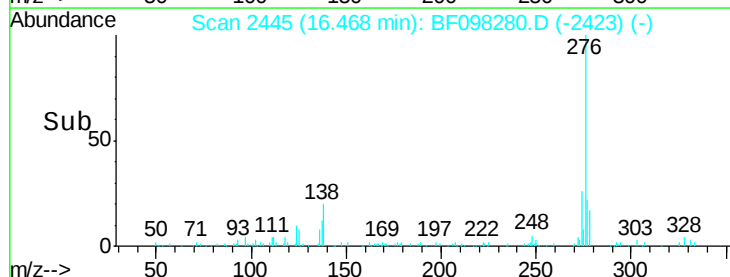
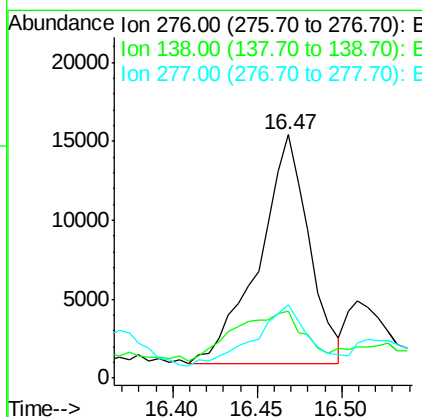
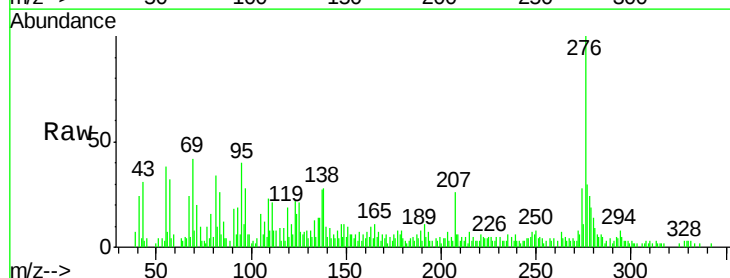
Instrument :
BNA_F
ClientSampleId :
TP9-WC1

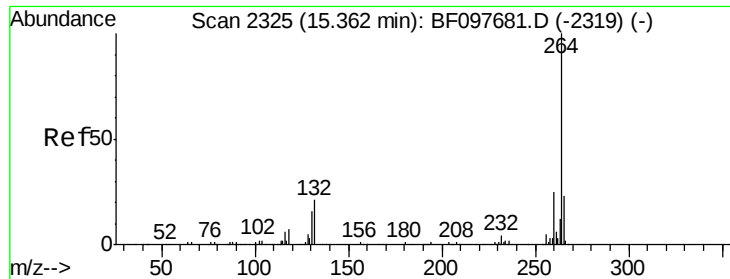
Tot Ion:149 Resp: 36401
Ion Ratio Lower Upper
149 100
167 28.1 21.0 31.4
279 3.3 1.9 2.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.17 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

Tgt Ion:276 Resp: 29840
Ion Ratio Lower Upper
276 100
138 29.3 27.8 41.6
277 28.6 20.2 30.4

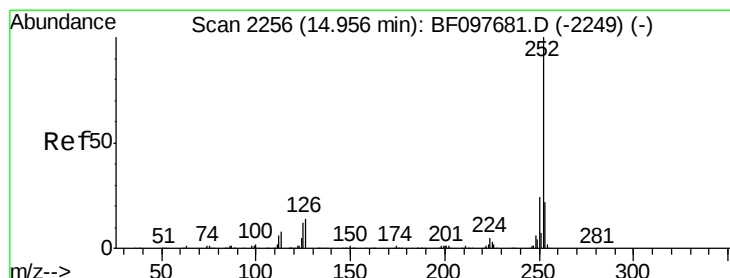
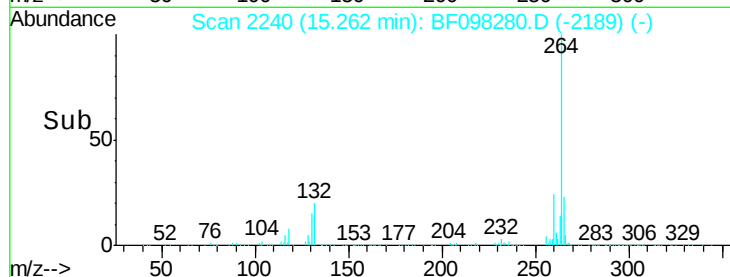
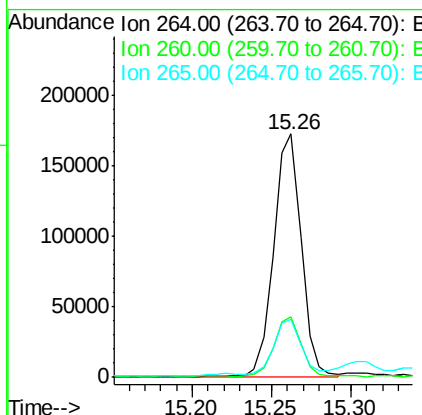
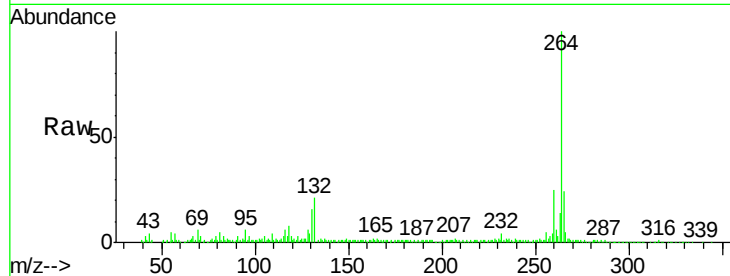




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

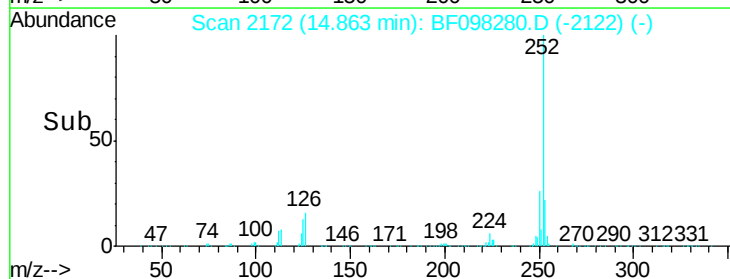
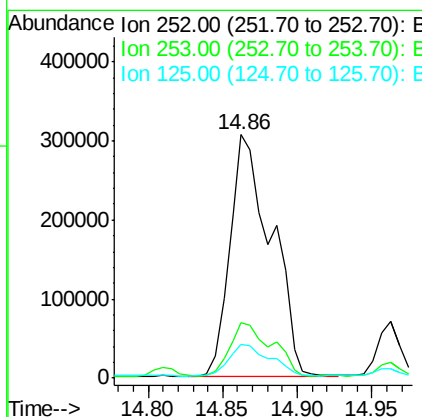
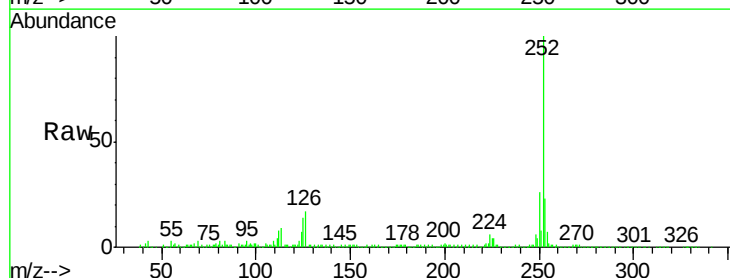
Instrument :
BNA_F
ClientSampled :
TP9-WC1

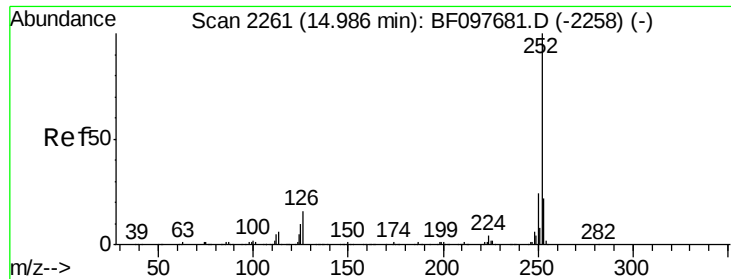
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	23.8	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 45.16 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.7	9.8	14.8

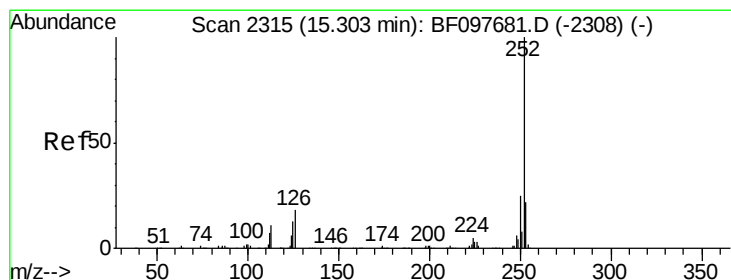
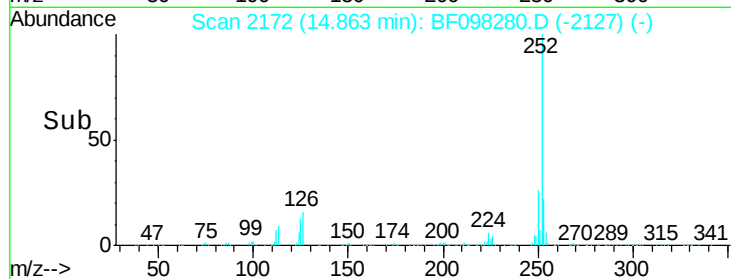
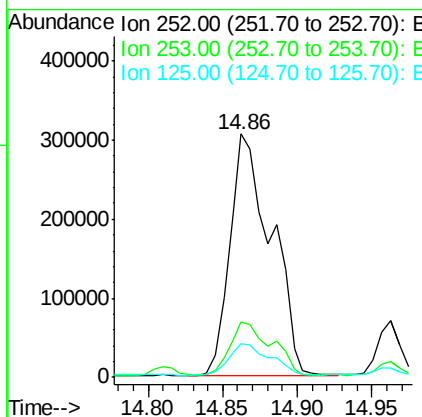
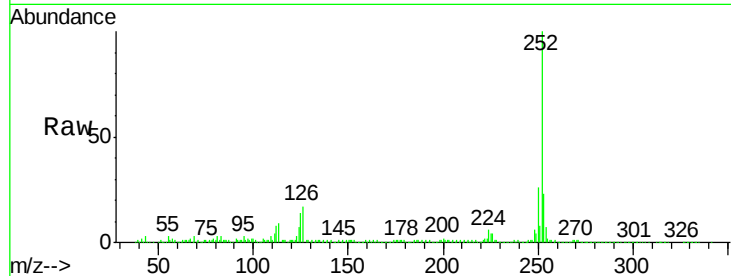




#88
Benzo(k)fluoranthene
Concen: 48.07 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.04 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

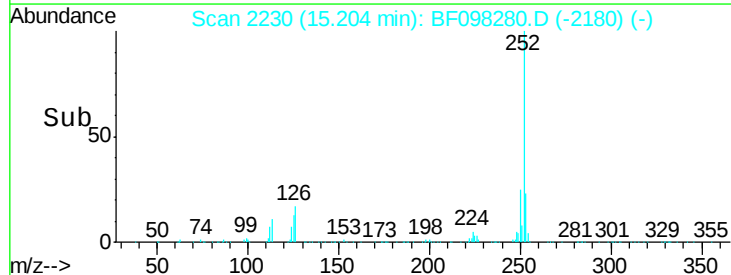
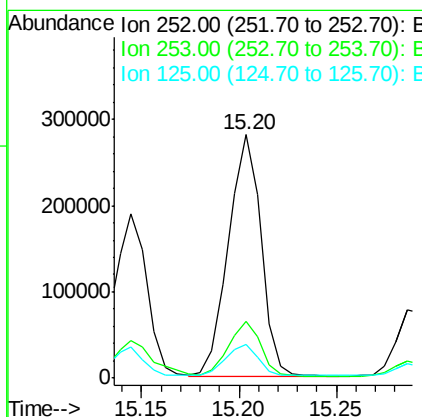
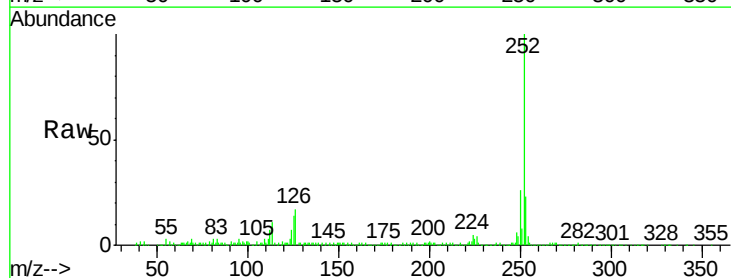
Instrument :
BNA_F
ClientSampleId :
TP9-WC1

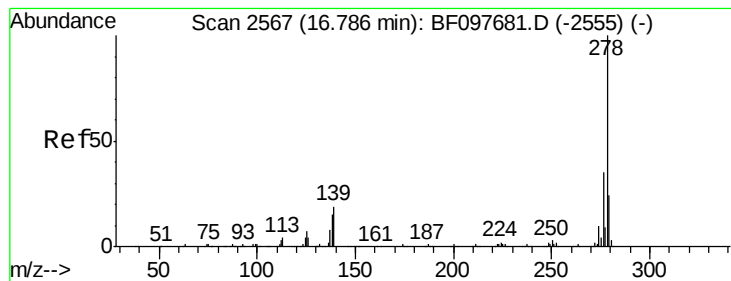
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	13.7	13.1	19.7



#89
Benzo(a)pyrene
Concen: 28.16 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098280.D
Acq: 6 Sep 2017 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	13.7	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 4.45 ng

RT: 16.62 min Scan# 2471

Delta R.T. -0.03 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_F

ClientSampleId :

TP9-WC1

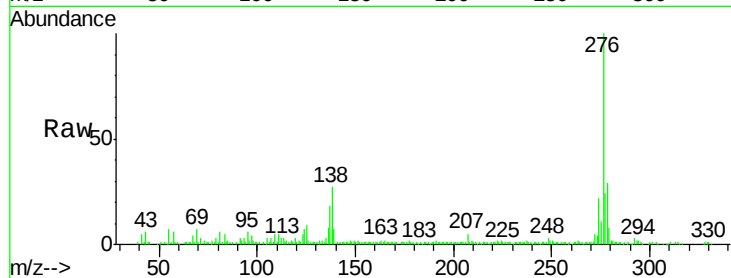
Tot Ion:278 Resp: 41986

Ion Ratio Lower Upper

278 100

139 23.4 16.6 24.8

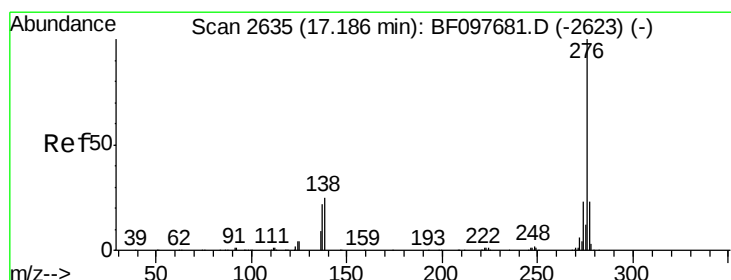
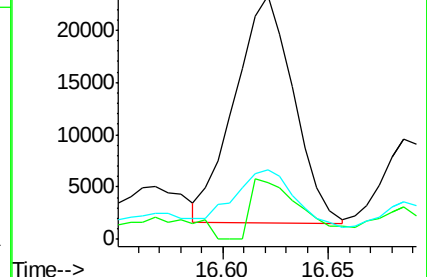
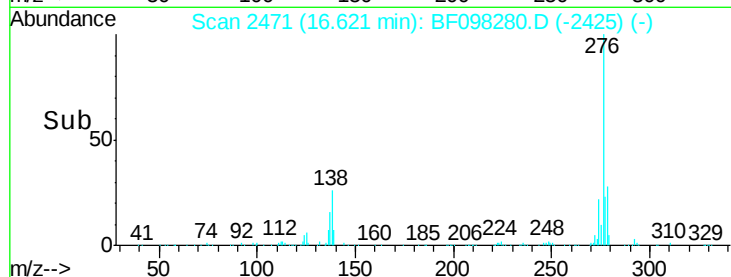
279 28.5 19.3 28.9



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: 16.16 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BF098280.D

Acq: 6 Sep 2017 18:46

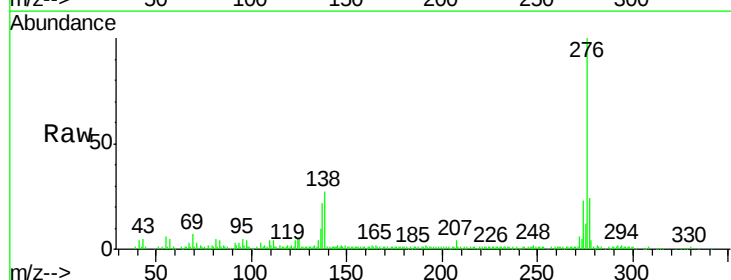
Tgt Ion:276 Resp: 159251

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 27.1 25.4 38.0



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

