

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097487.D
 Acq On : 9 Aug 2017 00:00
 Operator : SJ/JU
 Sample : I4655-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7DEL-WC1

Quant Time: Aug 09 01:03:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	103060	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	430691	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	155601	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	220863	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	175174	20.00	ng	0.00
86) Perylene-d12	14.87	264	150031	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	488270	71.42	ng	-0.01
7) Phenol-d6	6.07	99	570963	73.16	ng	-0.01
23) Nitrobenzene-d5	6.97	82	344619	46.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	79512	64.68	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	487955	53.22	ng	-0.01
78) Terphenyl-d14	12.49	244	270859	31.53	ng	-0.01

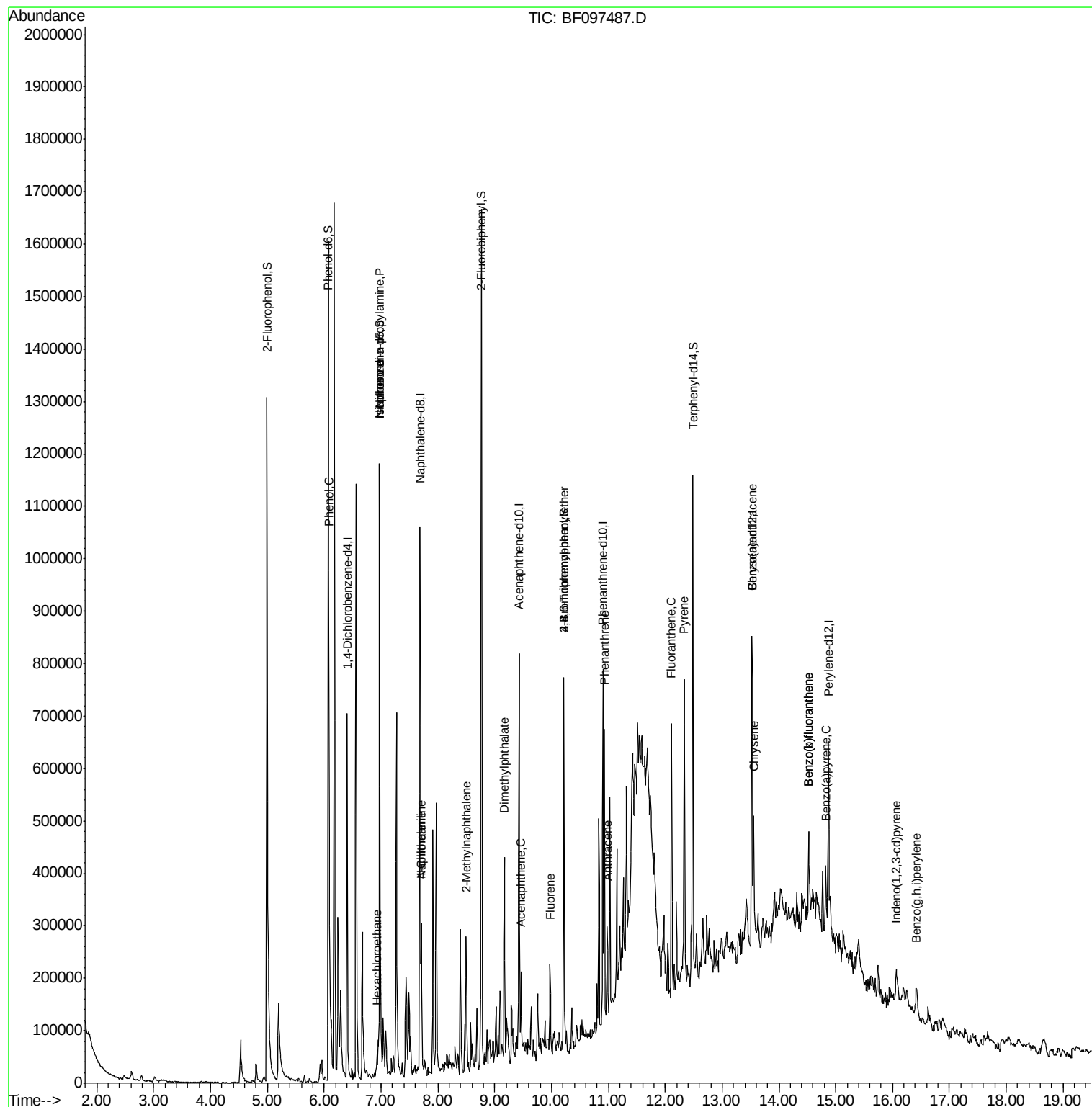
Target Compounds						Qvalue
10) Phenol	6.09	94	23741	2.56	ng	# 50
18) Hexachloroethane	6.93	117	6833	2.39	ng	# 1
19) n-Nitroso-di-n-propylamine	6.97	70	46650	9.08	ng	# 86
25) Isophorone	6.97	82	344615	23.97	ng	# 67
31) Naphthalene	7.71	128	128151	6.31	ng	98
33) 4-Chloroaniline	7.71	127	17326	2.10	ng	# 38
37) 2-Methylnaphthalene	8.50	142	62011	4.82	ng	96
49) Dimethylphthalate	9.17	163	130962	11.08	ng	98
51) Acenaphthene	9.46	154	28556	3.23	ng	94
57) Fluorene	9.97	166	38969	4.40	ng	99
66) 4-Bromophenyl-phenylether	10.22	248	4758	2.16	ng	# 1
70) Phenanthrene	10.93	178	192265	16.25	ng	99
71) Anthracene	10.98	178	60872	5.02	ng	98
74) Fluoranthene	12.11	202	211556	18.25	ng	99
77) Pyrene	12.33	202	232864	16.24	ng	99
80) Benzo(a)anthracene	13.52	228	92473	8.16	ng	97
82) Chrysene	13.56	228	85030	7.68	ng	96
85) Indeno(1,2,3-cd)pyrene	16.07	276	28931	3.05	ng	97
87) Benzo(b)fluoranthene	14.53	252	98629	10.94	ng	# 95
88) Benzo(k)fluoranthene	14.53	252	98629	11.48	ng	99
89) Benzo(a)pyrene	14.83	252	56901	6.89	ng	98
91) Benzo(g,h,i)perylene	16.42	276	31263	4.40	ng	95

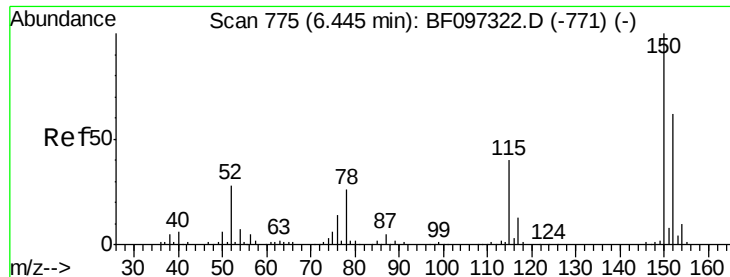
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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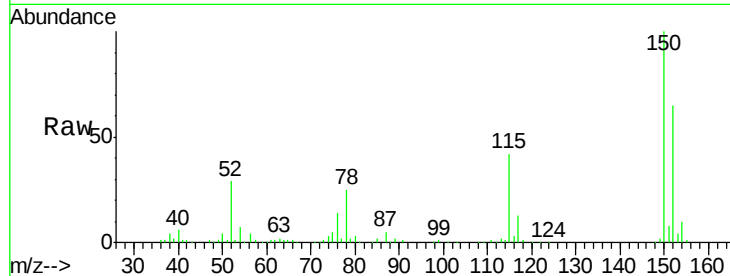


#1

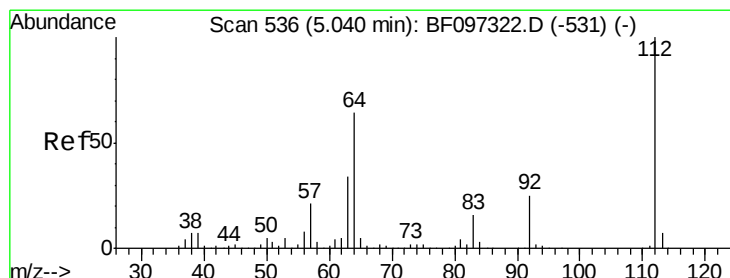
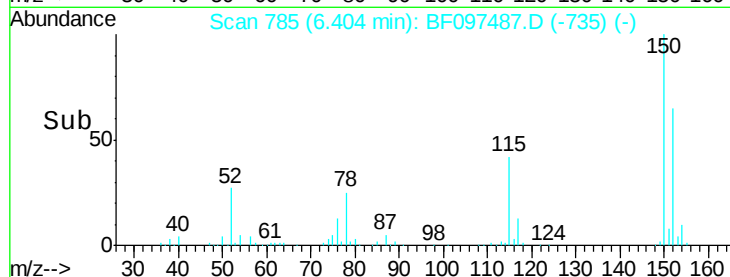
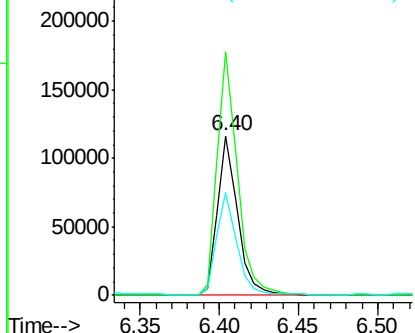
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

Instrument :
BNA_F
ClientSampleId :
TP7DEL-WC1

Tot Ion:152 Resp: 103060
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 64.6 52.2 78.2



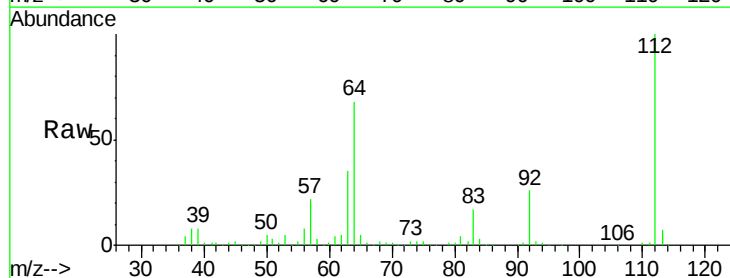
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



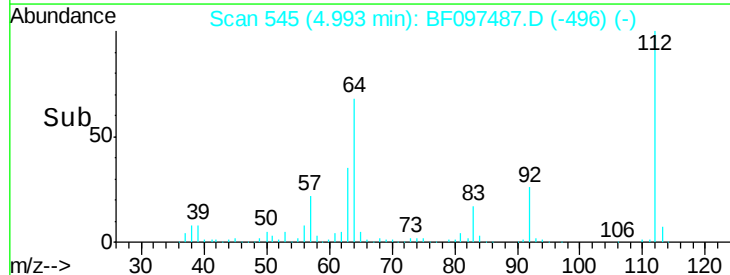
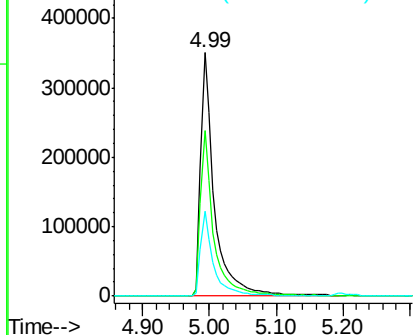
#5

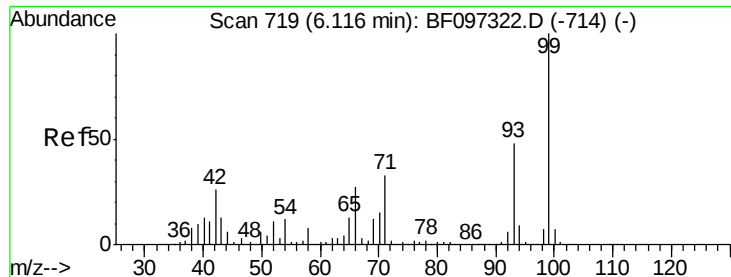
2-Fluorophenol
Concen: 71.42 ng
RT: 4.99 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

Tgt Ion:112 Resp: 488270
Ion Ratio Lower Upper
112 100
64 68.1 46.0 69.0
63 34.7 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: 73.16 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Instrument :

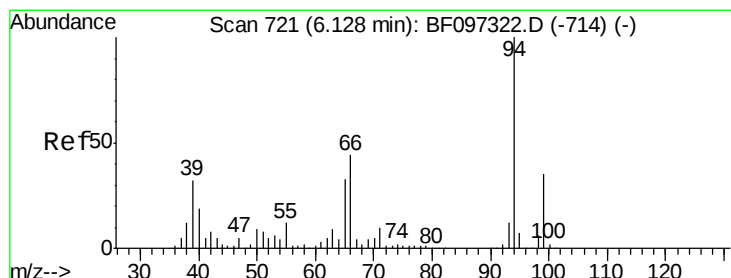
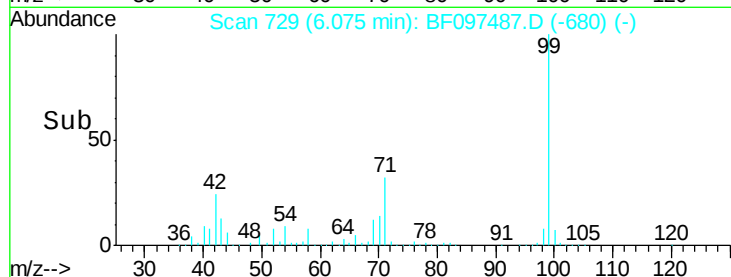
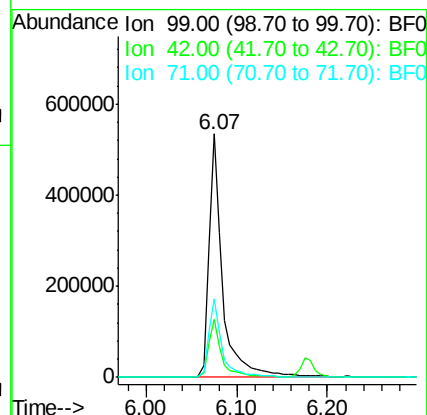
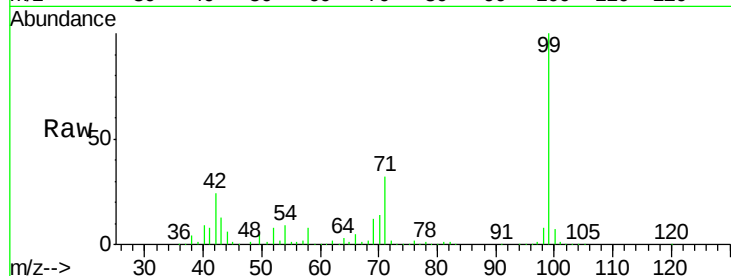
BNA_F

ClientSampleId :

TP7DEL-WC1

Tot Ion: 99 Resp: 570963

Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.5	20.3#
71	32.5	24.5	36.7



#10

Phenol

Concen: 2.56 ng

RT: 6.09 min Scan# 731

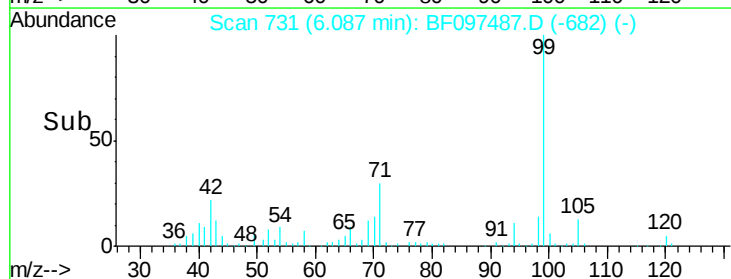
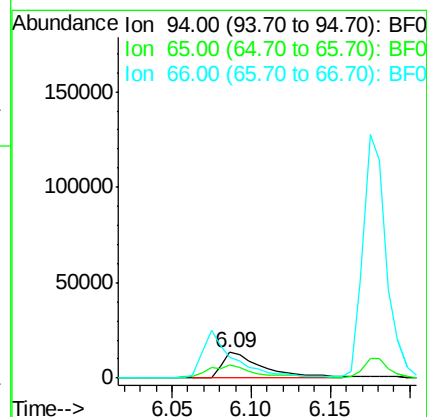
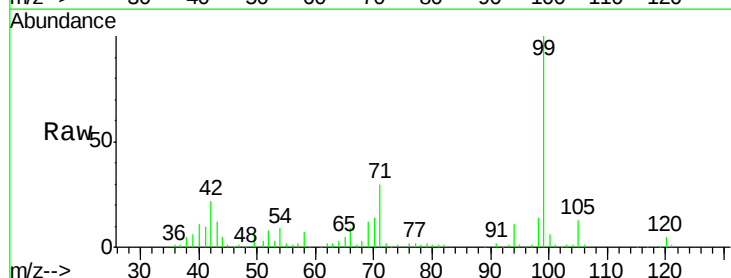
Delta R.T. -0.01 min

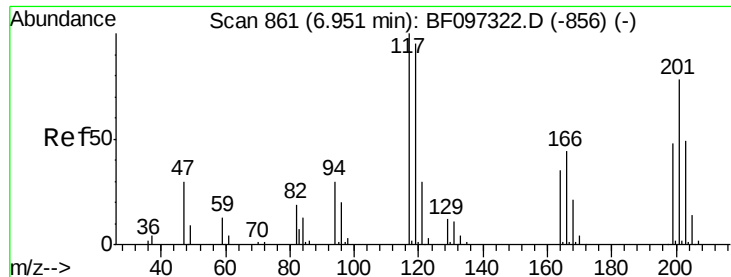
Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Tgt Ion: 94 Resp: 23741

Ion	Ratio	Lower	Upper
94	100		
65	50.3	9.9	49.9#
66	80.9	23.1	63.1#

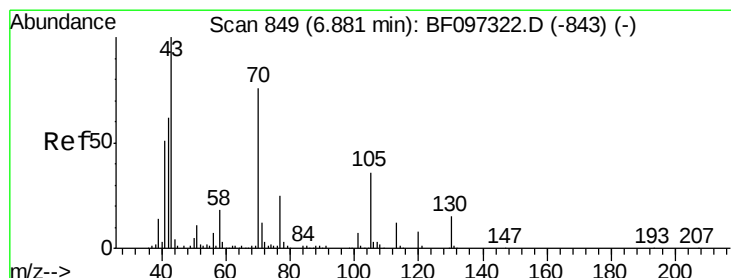
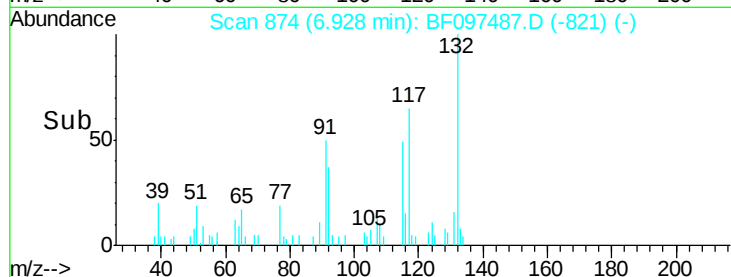
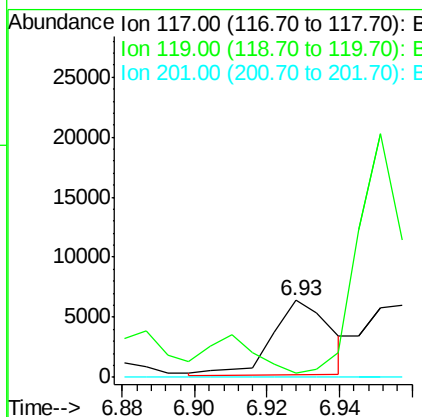
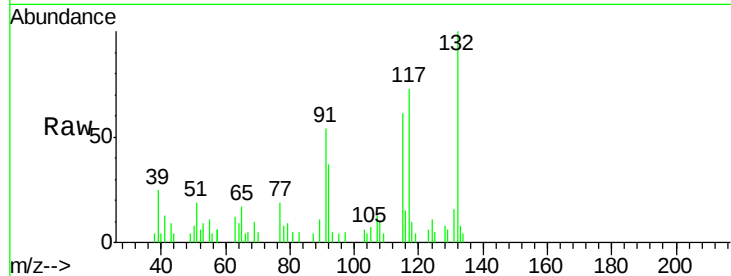




#18
Hexachloroethane
Concen: 2.39 ng
RT: 6.93 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

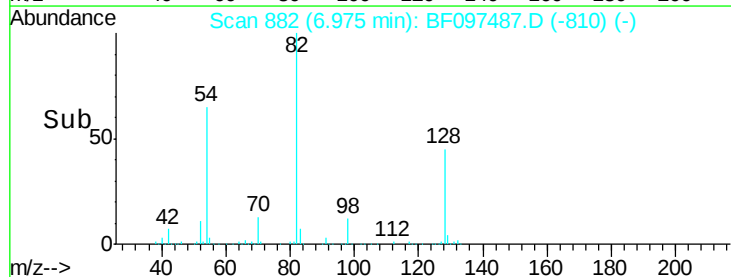
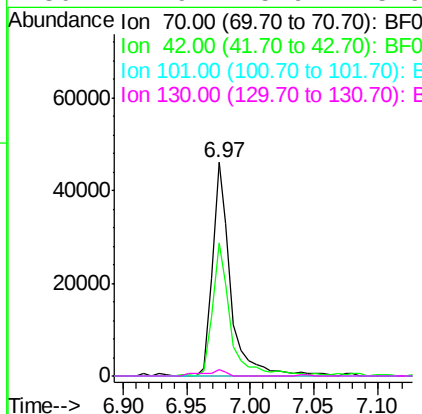
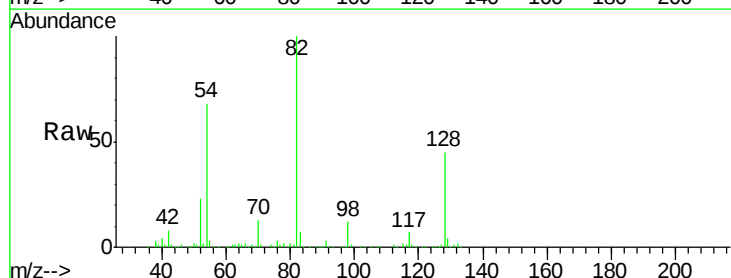
Instrument :
BNA_F
ClientSampleId :
TP7DEL-WC1

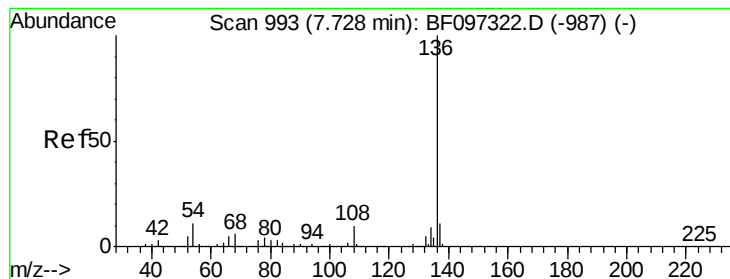
Tot Ion:117 Resp: 6833
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 9.08 ng
RT: 6.97 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

Tgt Ion: 70 Resp: 46650
Ion Ratio Lower Upper
70 100
42 62.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.9 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Instrument :

BNA_F

ClientSampleId :

TP7DEL-WC1

Tot Ion:136 Resp: 430691

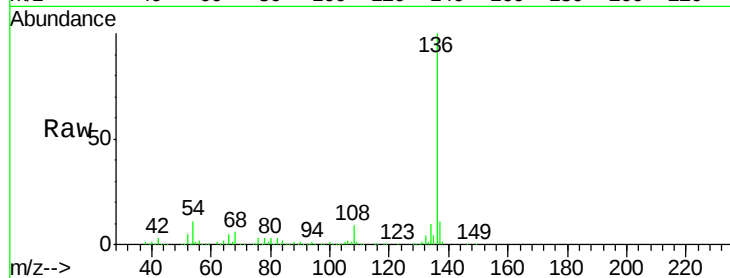
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.8 4.9 7.3#

68 5.6 4.1 6.1

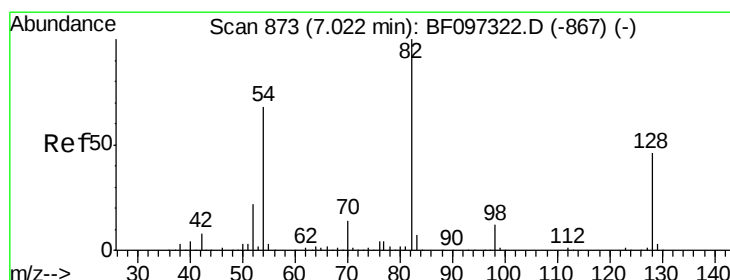
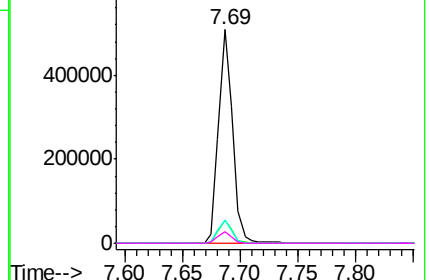
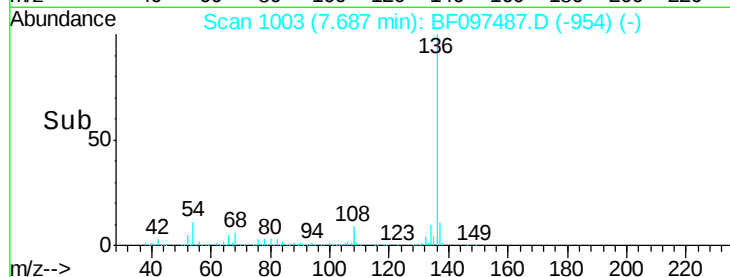


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.94 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

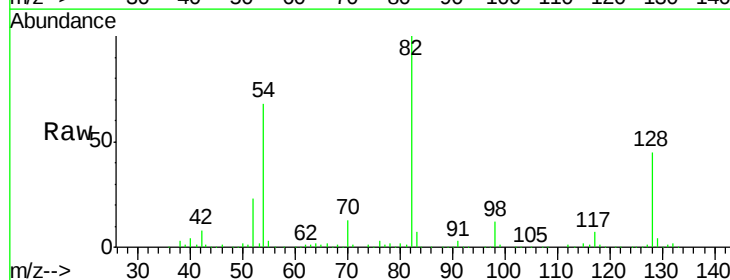
Tgt Ion: 82 Resp: 344619

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

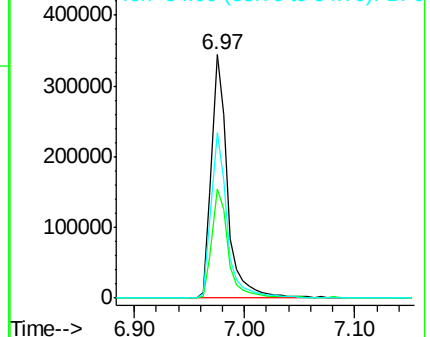
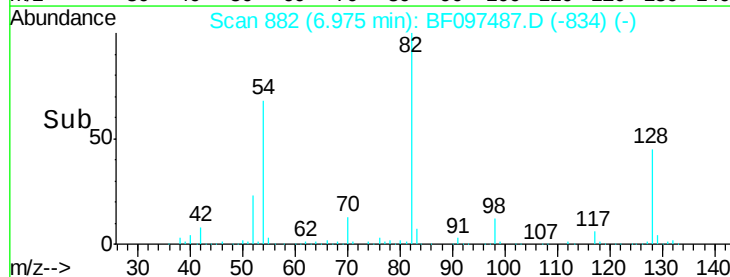
54 67.8 42.2 63.2#

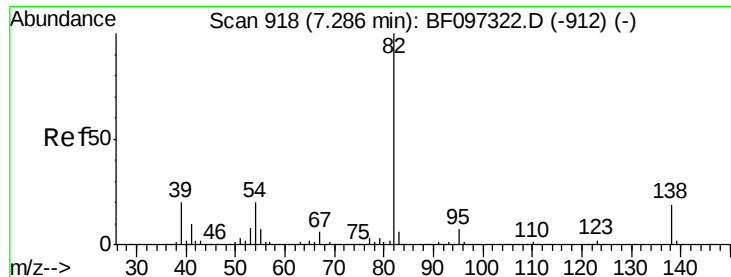


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 23.97 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

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BNA_F

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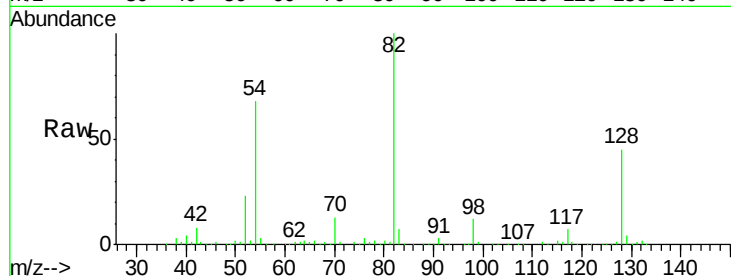
Tot Ion: 82 Resp: 344615

Ion Ratio Lower Upper

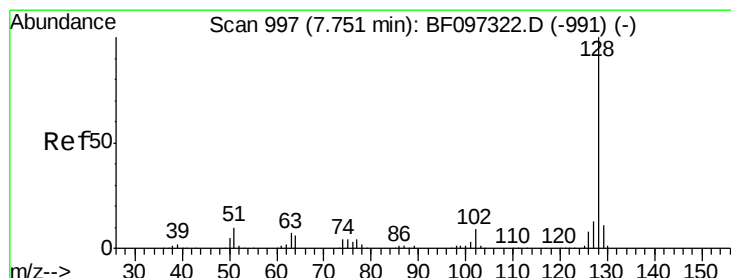
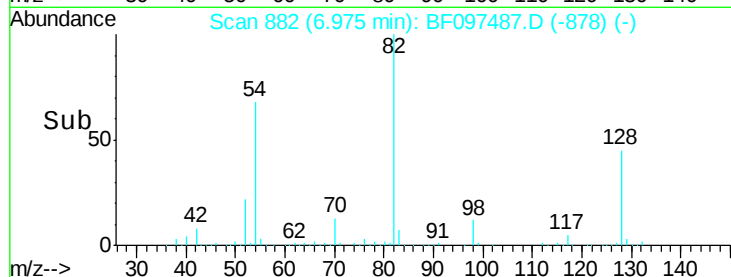
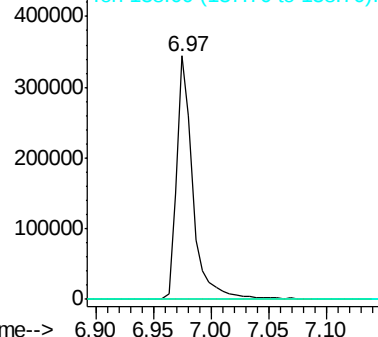
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 6.31 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

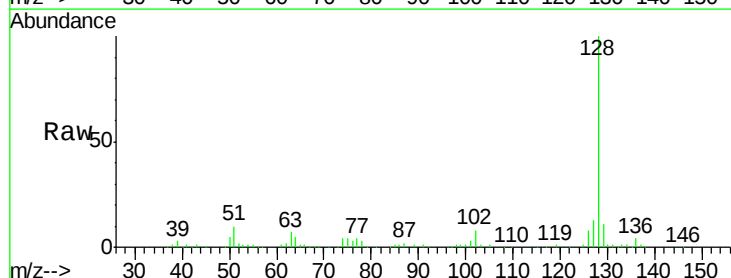
Tgt Ion: 128 Resp: 128151

Ion Ratio Lower Upper

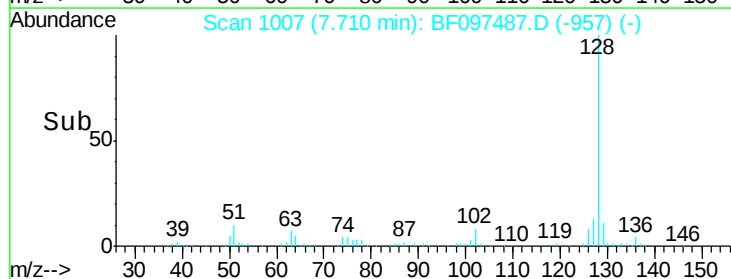
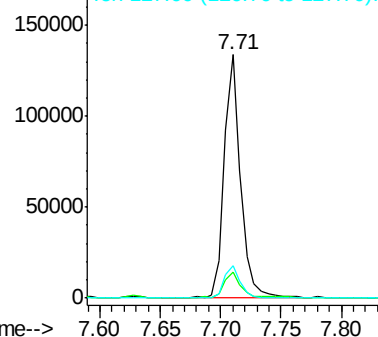
128 100

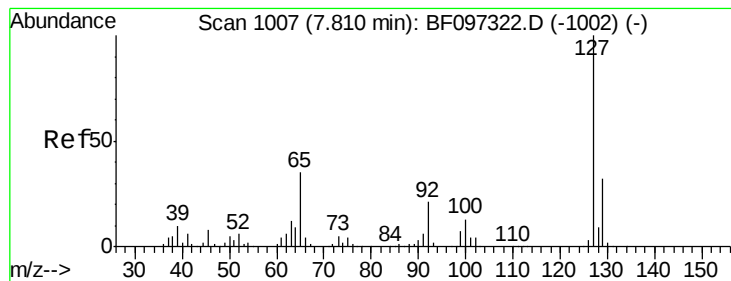
129 10.5 9.0 13.6

127 13.1 10.8 16.2



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





#33

4-Chloroaniline

Concen: 2.10 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.07 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Instrument :

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Tot Ion:127 Resp: 17326

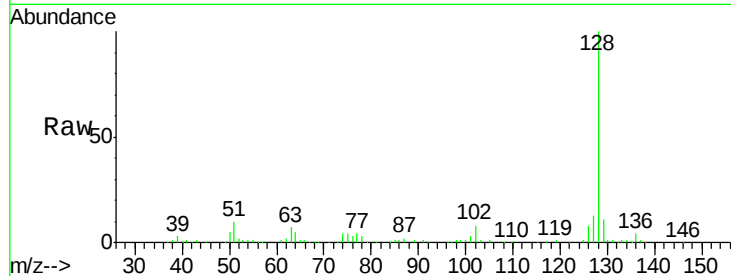
Ion Ratio Lower Upper

127 100

129 80.7 26.2 39.2#

65 4.7 27.8 41.8#

92 1.7 16.8 25.2#

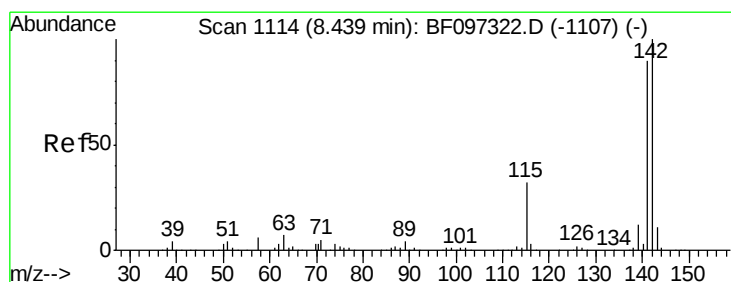
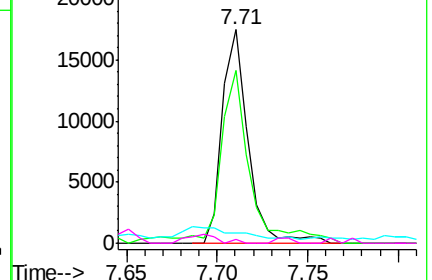
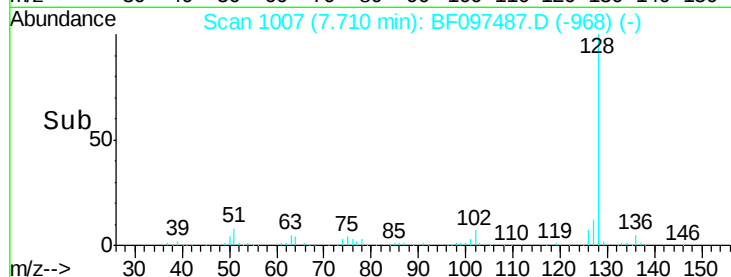


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#37

2-Methylnaphthalene

Concen: 4.82 ng

RT: 8.50 min Scan# 1141

Delta R.T. 0.09 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

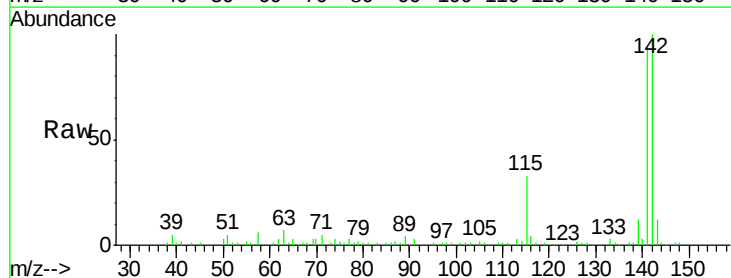
Tgt Ion:142 Resp: 62011

Ion Ratio Lower Upper

142 100

141 93.9 71.3 106.9

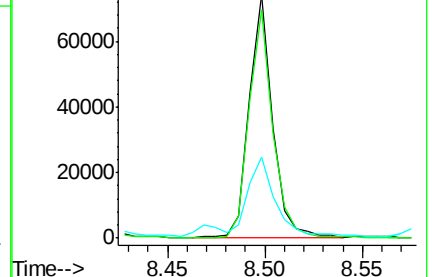
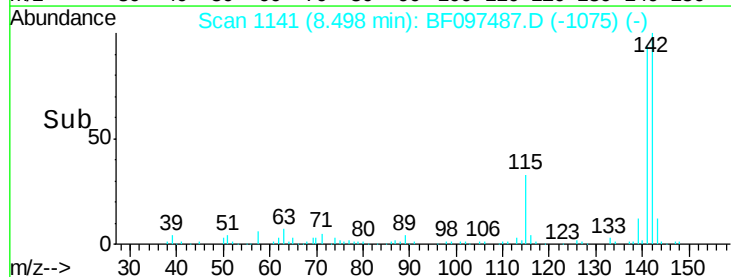
115 33.1 27.1 40.7

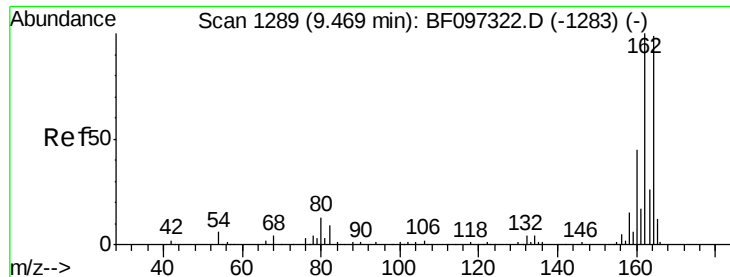


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Instrument :

BNA_F

ClientSampleId :

TP7DEL-WC1

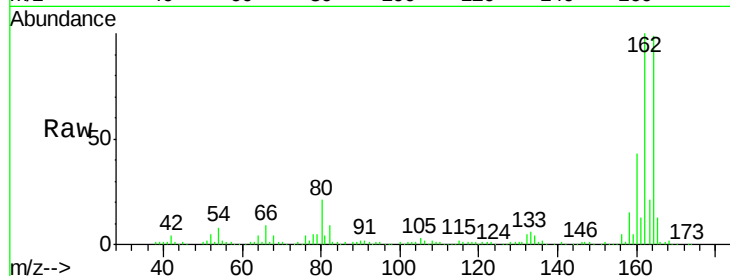
Tot Ion:164 Resp: 155601

Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

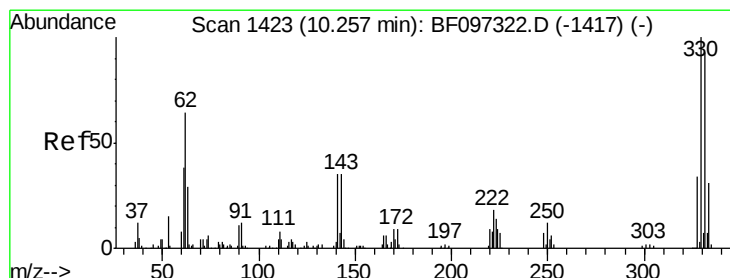
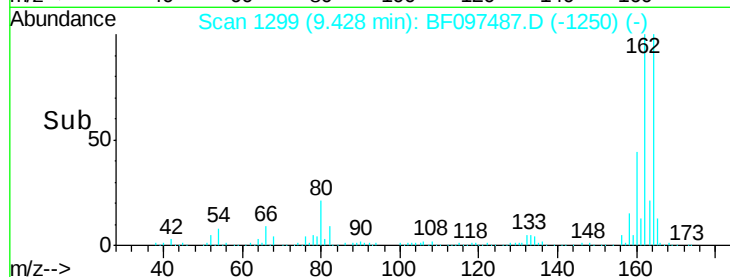
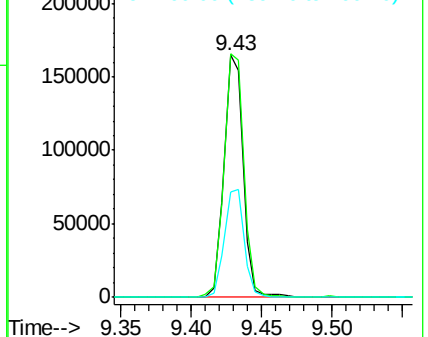
160 43.7 36.2 54.2



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: 64.68 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

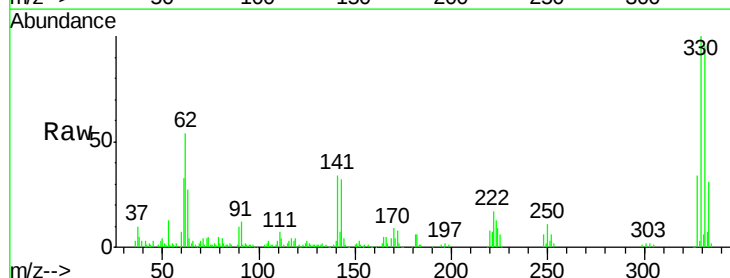
Tgt Ion:330 Resp: 79512

Ion Ratio Lower Upper

330 100

332 94.5 76.6 115.0

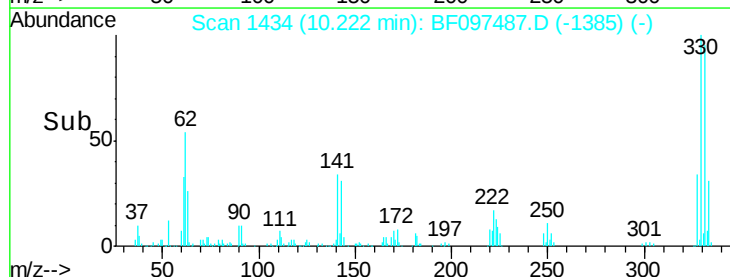
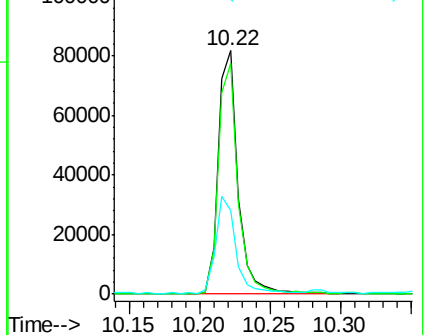
141 39.7 31.4 47.2

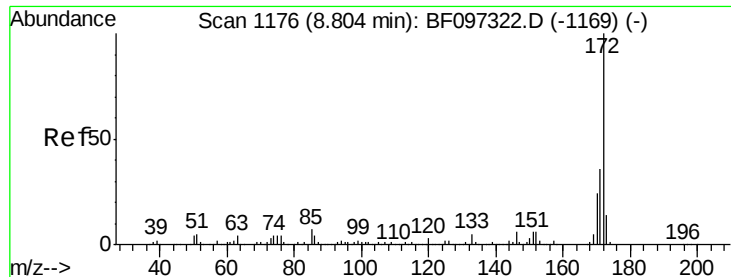


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

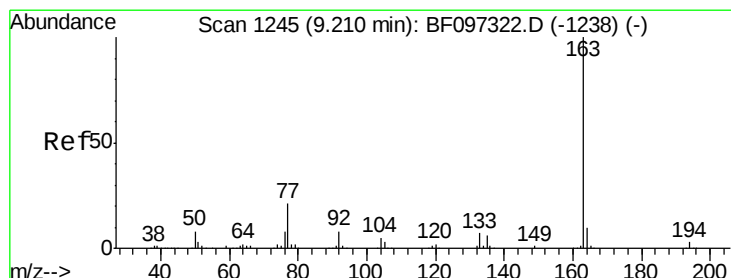
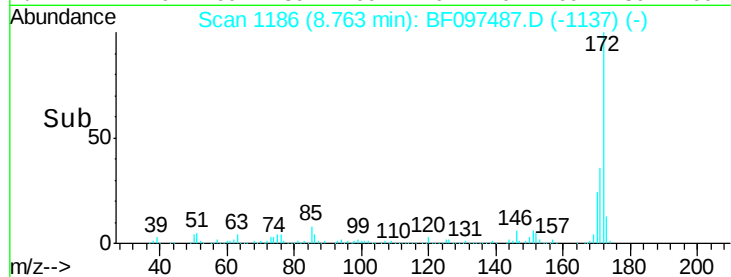
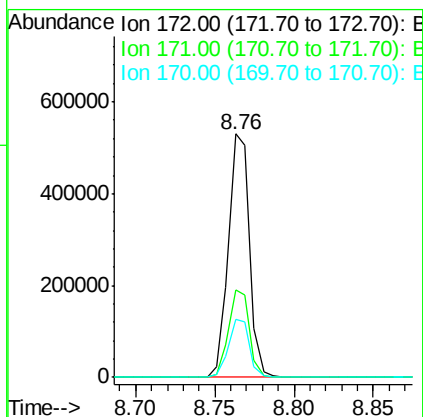
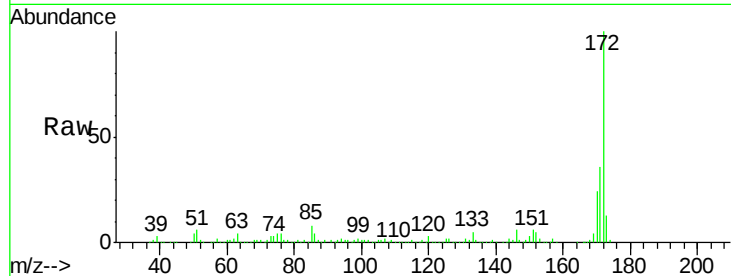




#44
2-Fluorobiphenyl
Concen: 53.22 ng
RT: 8.76 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

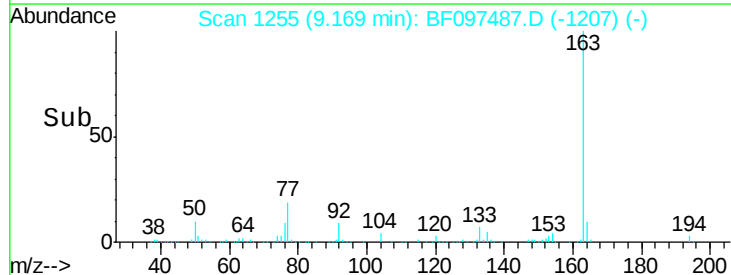
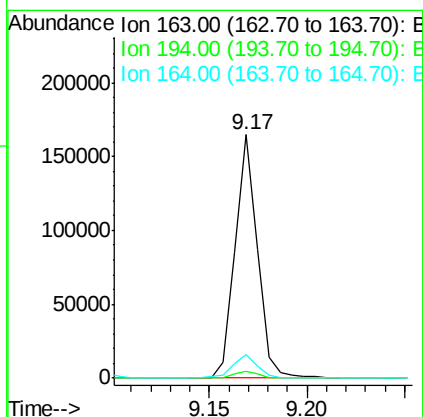
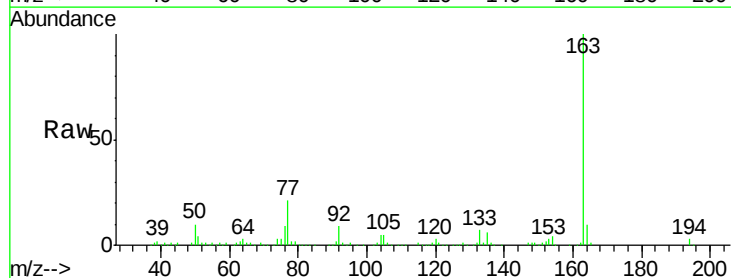
Instrument :
BNA_F
ClientSampleId :
TP7DEL-WC1

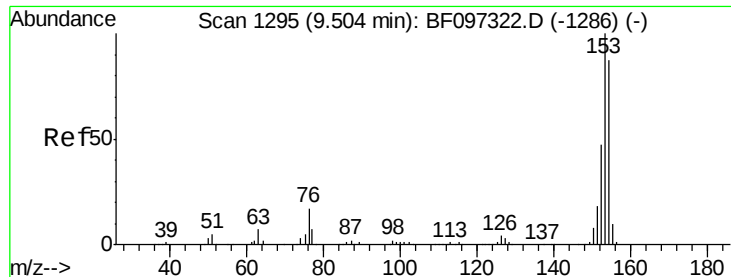
Tot Ion:172 Resp: 487955
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 11.08 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

Tgt Ion:163 Resp: 130962
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.6 8.4 12.6





#51

Acenaphthene

Concen: 3.23 ng

RT: 9.46 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Instrument :

BNA_F

ClientSampleId :

TP7DEL-WC1

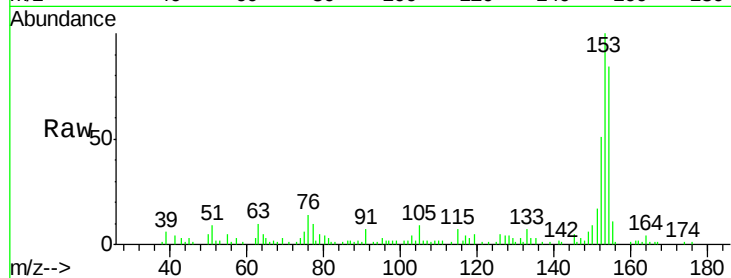
Tot Ion:154 Resp: 28556

Ion Ratio Lower Upper

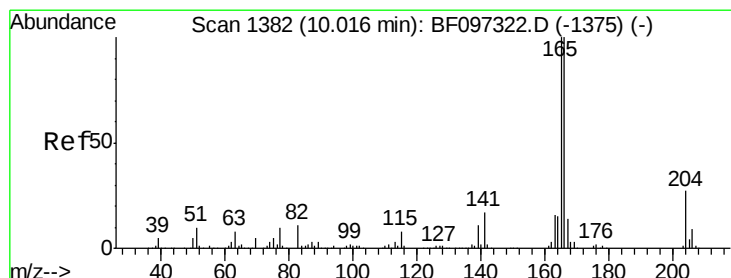
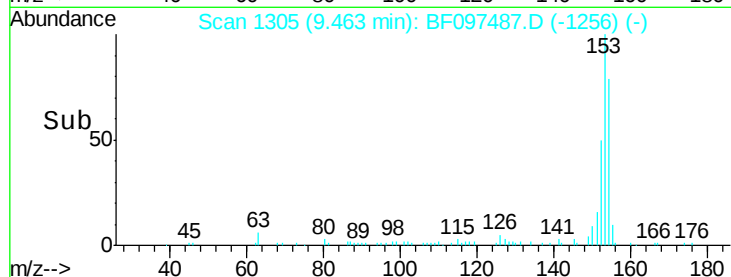
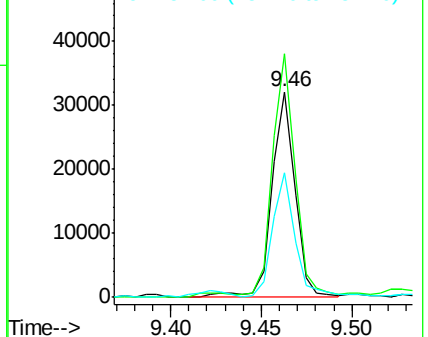
154 100

153 118.4 90.5 135.7

152 60.7 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



#57

Fluorene

Concen: 4.40 ng

RT: 9.97 min Scan# 1392

Delta R.T. -0.02 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

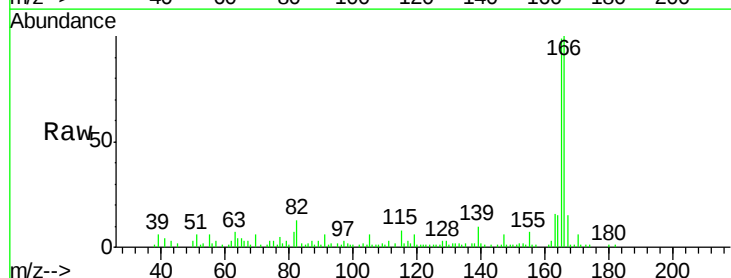
Tgt Ion:166 Resp: 38969

Ion Ratio Lower Upper

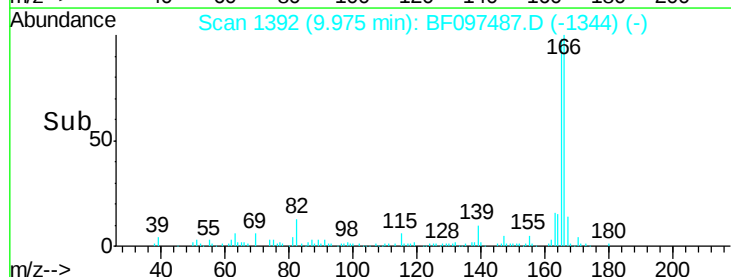
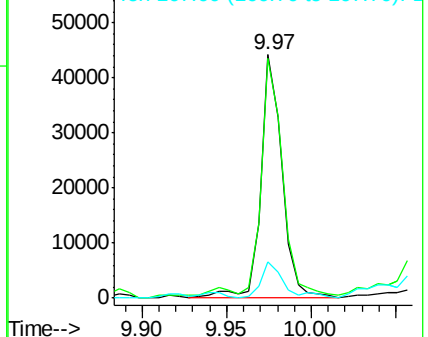
166 100

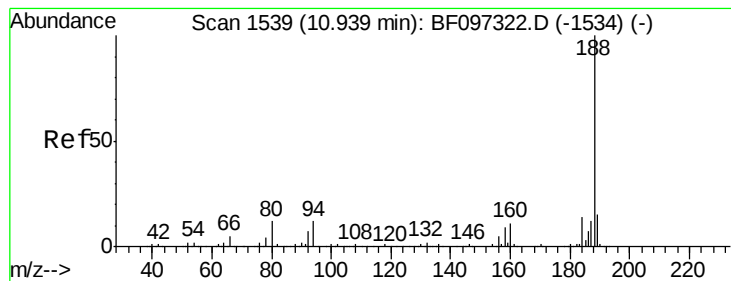
165 98.7 78.8 118.2

167 14.7 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.90 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Instrument :

BNA_F

ClientSampleId :

TP7DEL-WC1

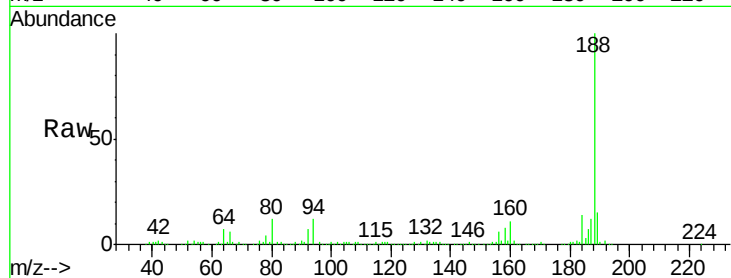
Tot Ion:188 Resp: 220863

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

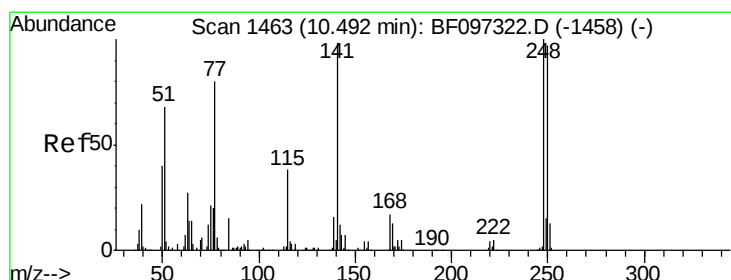
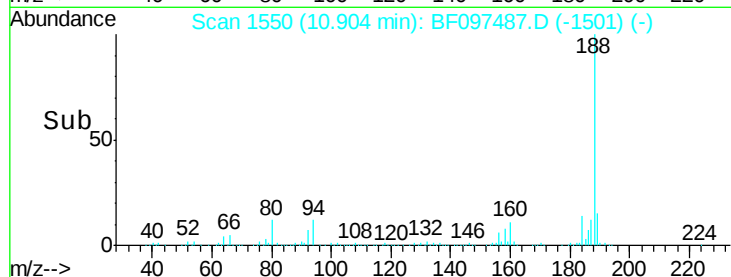
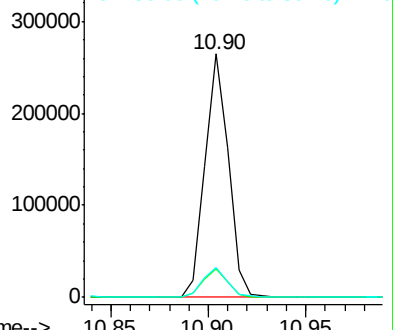
80 12.1 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 2.16 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

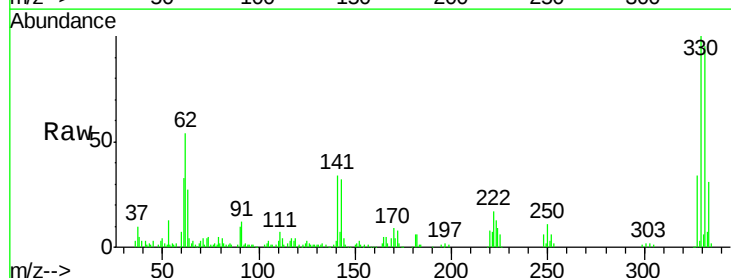
Tgt Ion:248 Resp: 4758

Ion Ratio Lower Upper

248 100

250 192.5 76.8 115.2#

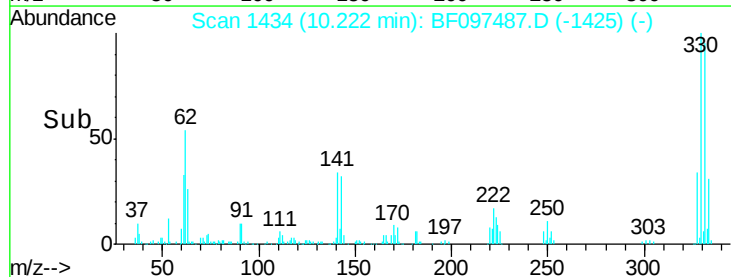
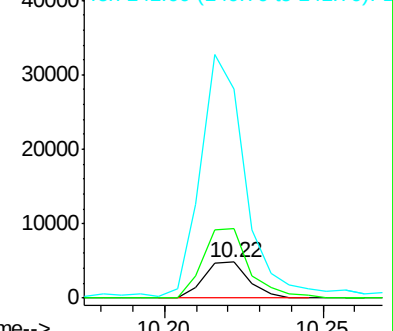
141 578.4 68.6 103.0#

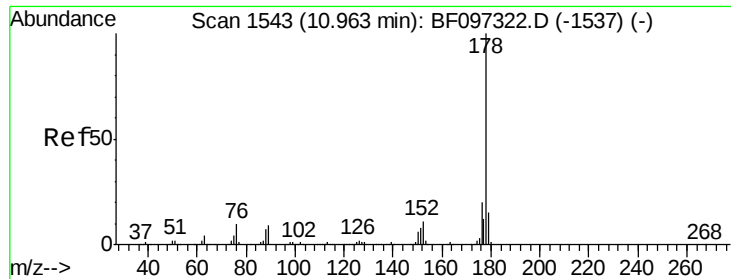


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

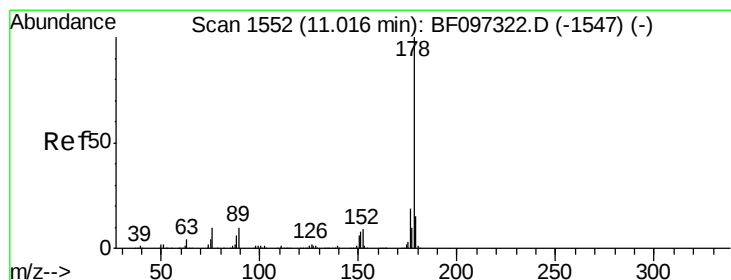
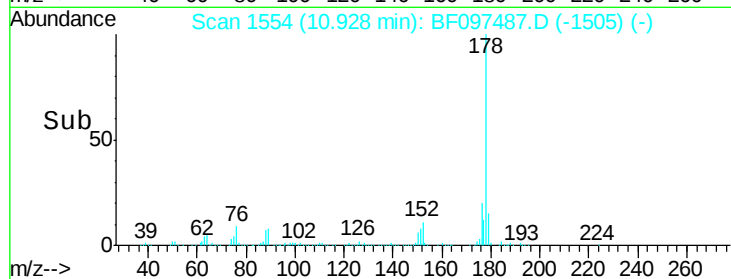
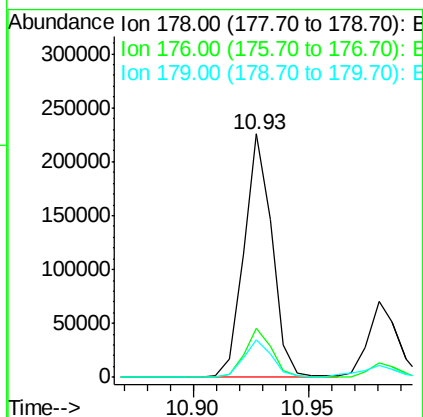
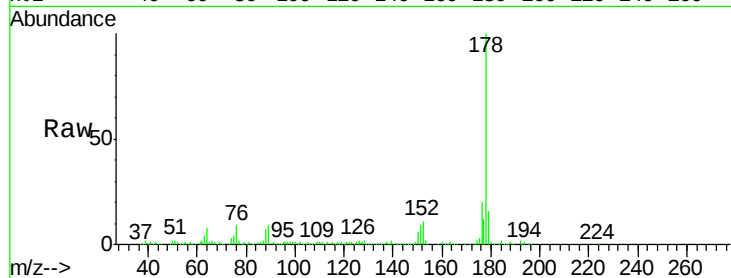




#70
Phenanthrene
Concen: 16.25 ng
RT: 10.93 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

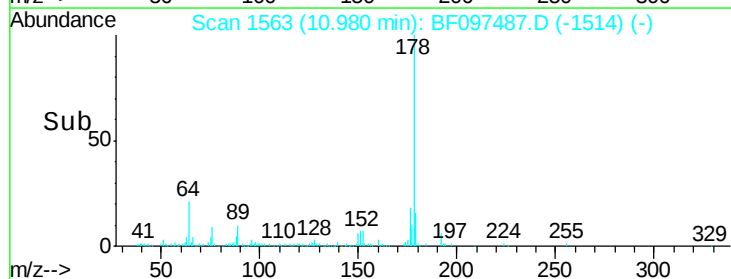
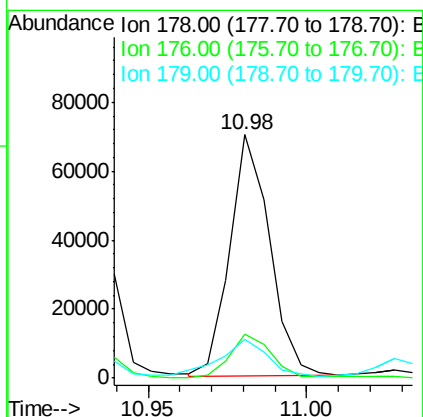
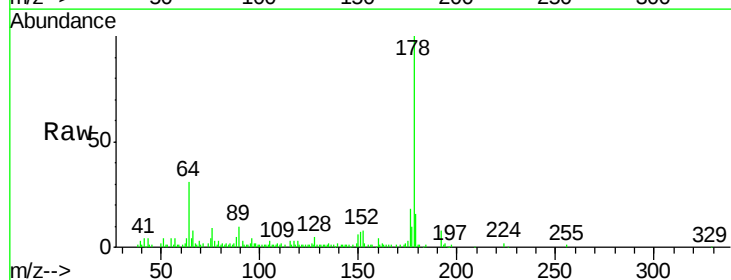
Instrument :
BNA_F
ClientSampleId :
TP7DEL-WC1

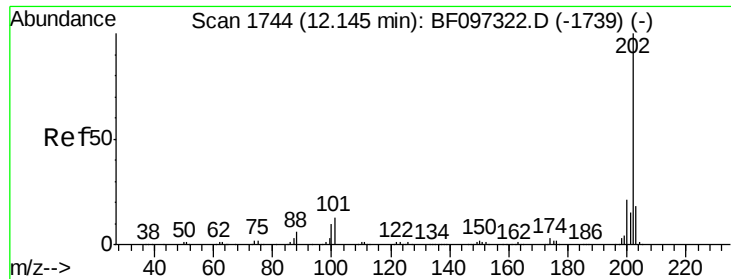
Tot Ion:178 Resp: 192265
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 15.6 12.6 19.0



#71
Anthracene
Concen: 5.02 ng
RT: 10.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

Tgt Ion:178 Resp: 60872
Ion Ratio Lower Upper
178 100
176 18.2 15.8 23.8
179 16.0 12.7 19.1





#74

Fluoranthene

Concen: 18.25 ng

RT: 12.11 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Instrument :

BNA_F

ClientSampleId :

TP7DEL-WC1

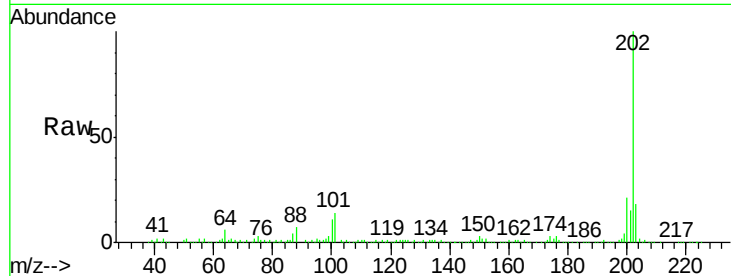
Tot Ion:202 Resp: 211556

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.2

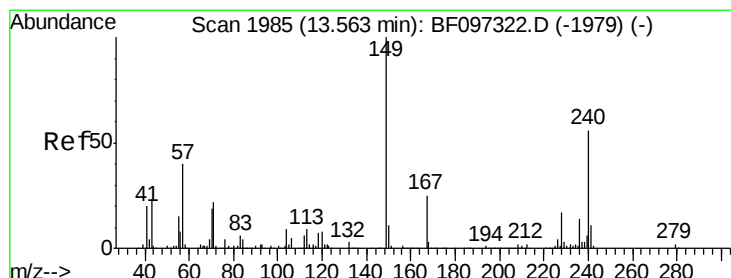
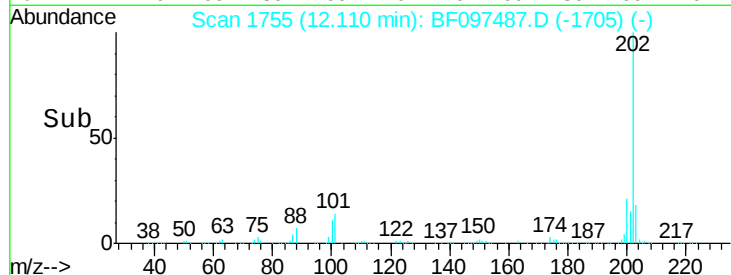
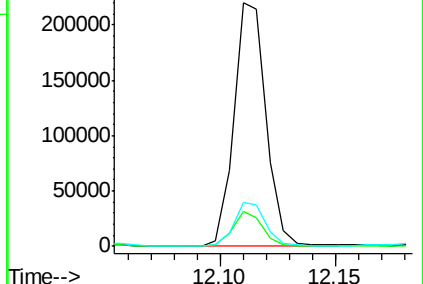
203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

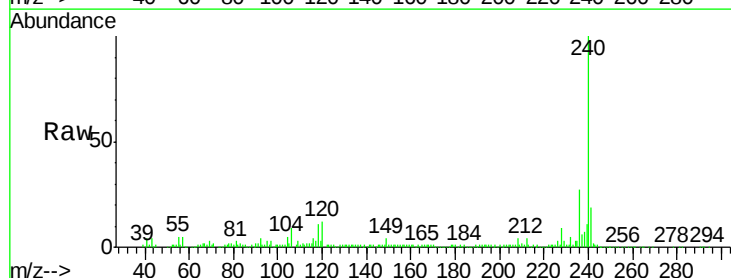
Tgt Ion:240 Resp: 175174

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

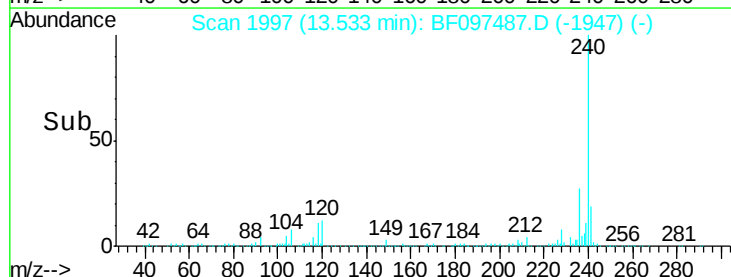
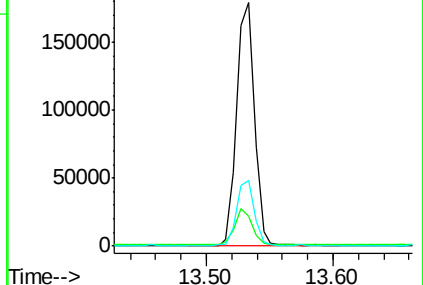
236 27.0 20.5 30.7

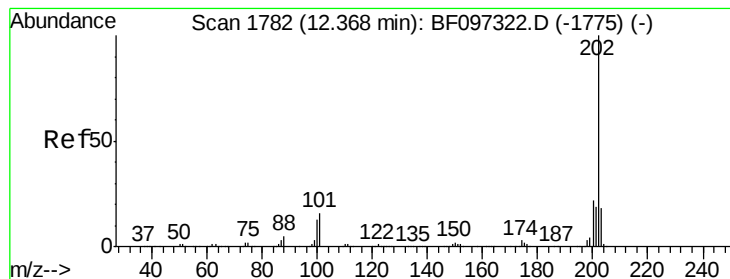


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 16.24 ng

RT: 12.33 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Instrument :

BNA_F

ClientSampleId :

TP7DEL-WC1

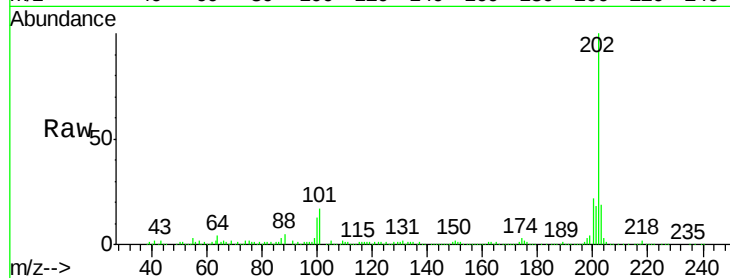
Tot Ion:202 Resp: 232864

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

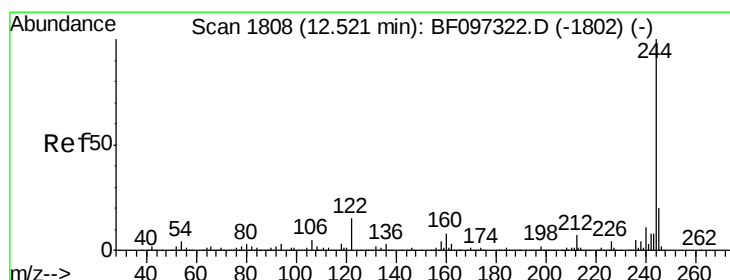
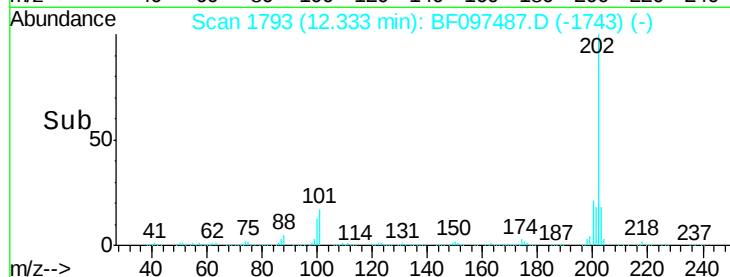
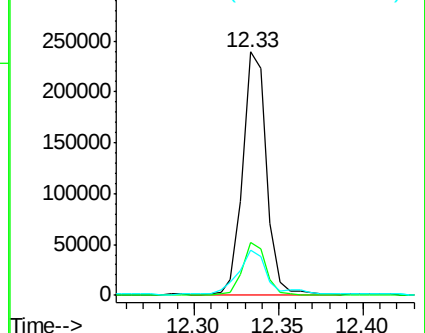
203 18.6 14.4 21.6



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: 31.53 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

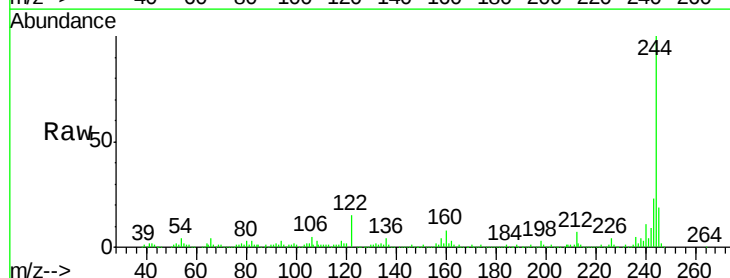
Tgt Ion:244 Resp: 270859

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

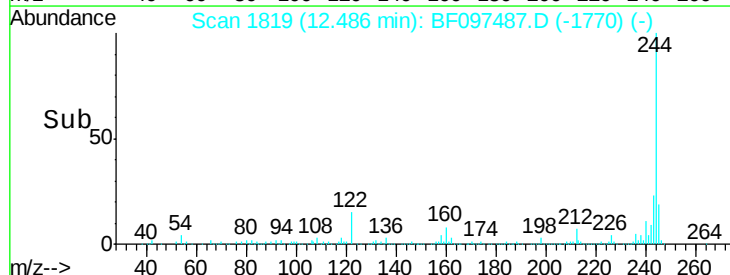
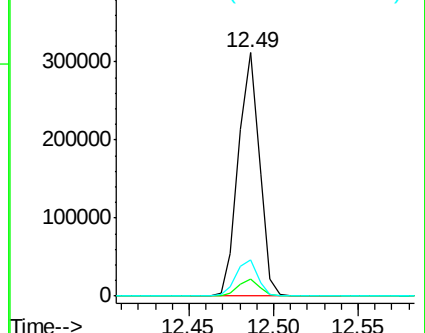
122 15.0 10.3 15.5

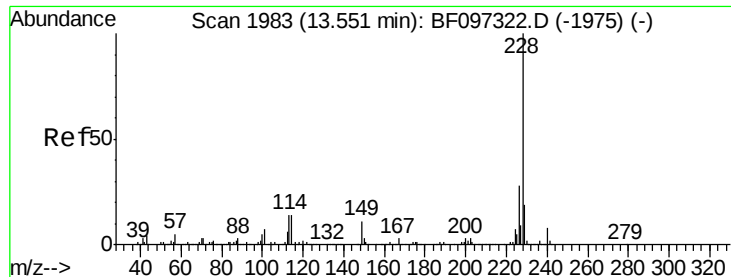


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 8.16 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Instrument :

BNA_F

ClientSampleId :

TP7DEL-WC1

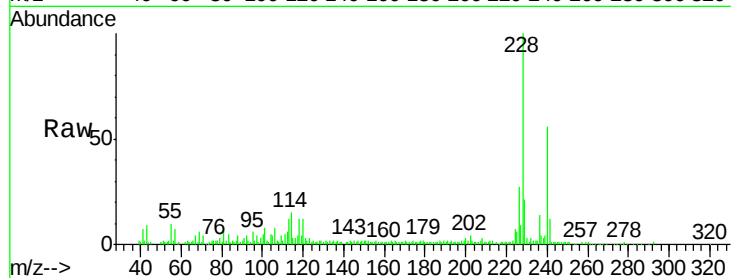
Tot Ion:228 Resp: 92473

Ion Ratio Lower Upper

228 100

226 26.7 22.6 33.8

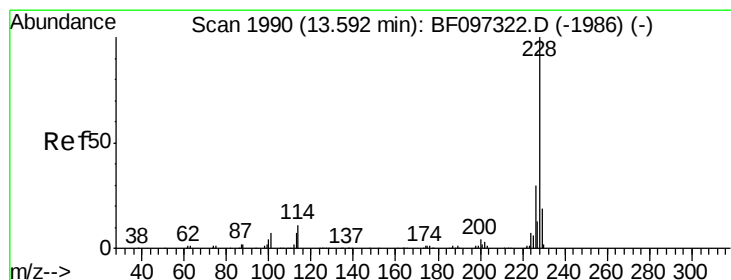
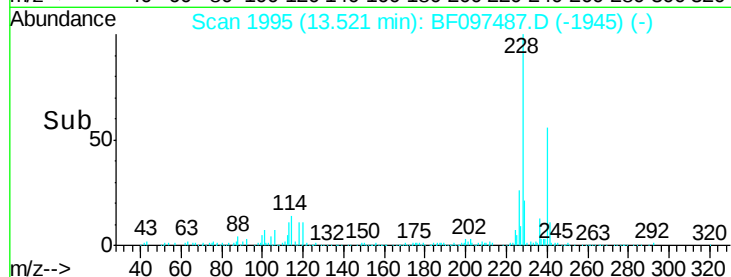
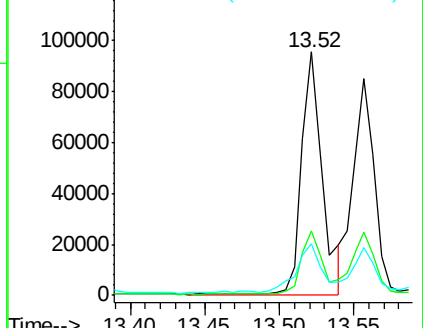
229 21.4 16.3 24.5



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: 7.68 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

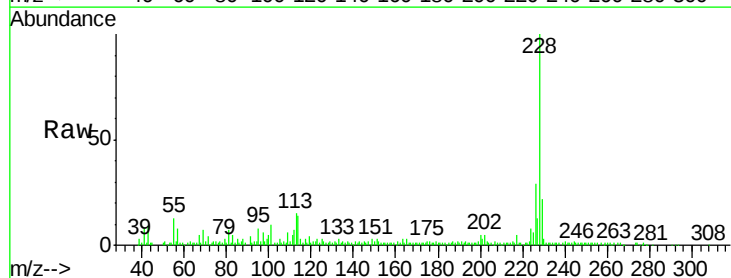
Tgt Ion:228 Resp: 85030

Ion Ratio Lower Upper

228 100

226 28.9 24.9 37.3

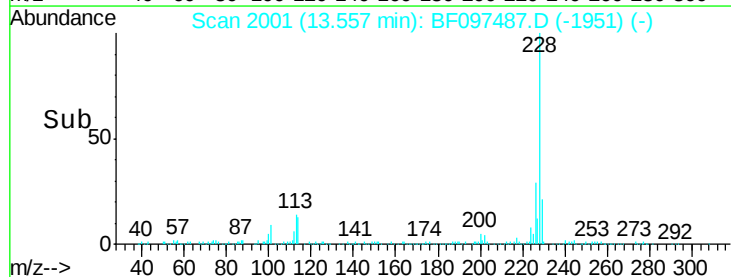
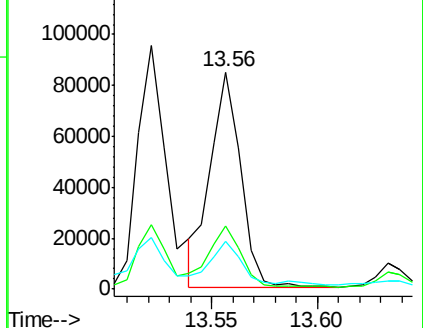
229 21.9 15.8 23.6

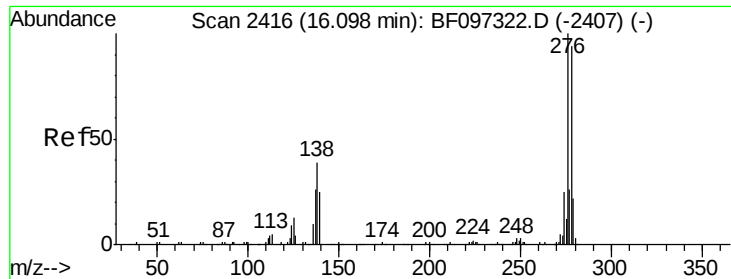


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

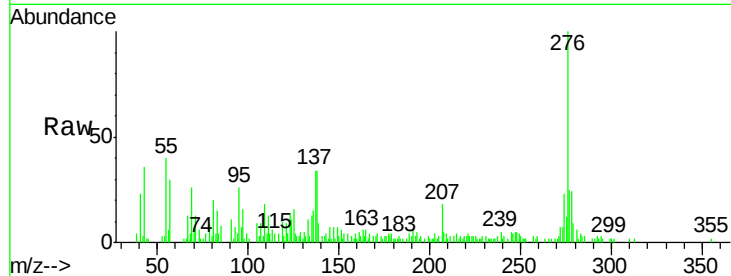




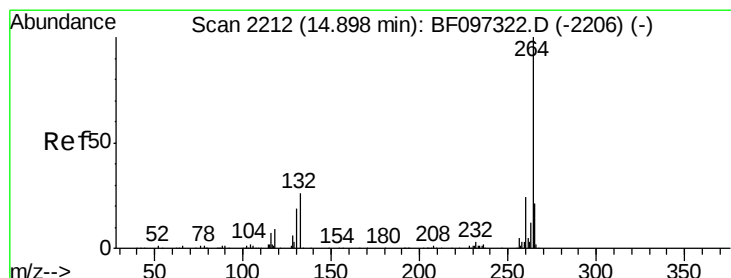
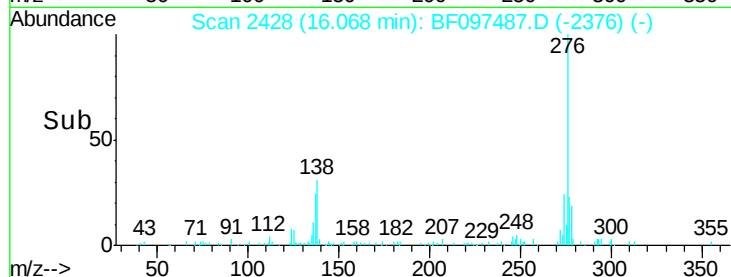
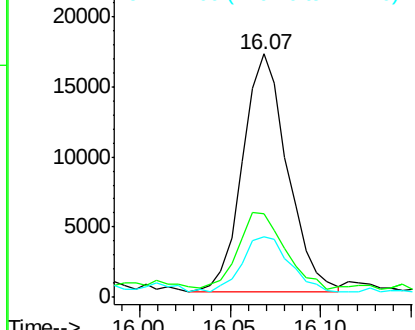
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.05 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

Instrument :
BNA_F
ClientSampleId :
TP7DEL-WC1

Tot Ion:276 Resp: 28931
Ion Ratio Lower Upper
276 100
138 32.3 27.8 41.6
277 25.9 20.2 30.4

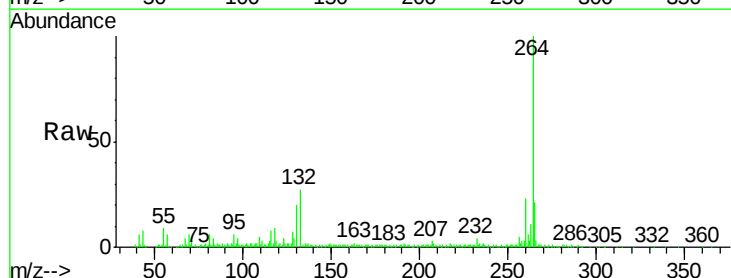


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

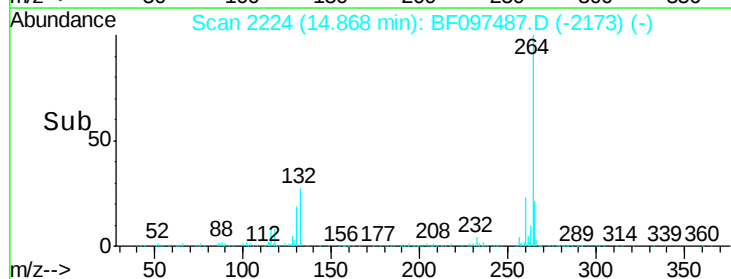
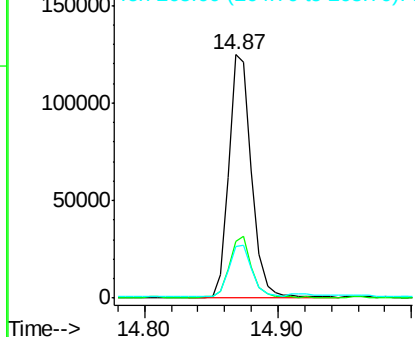


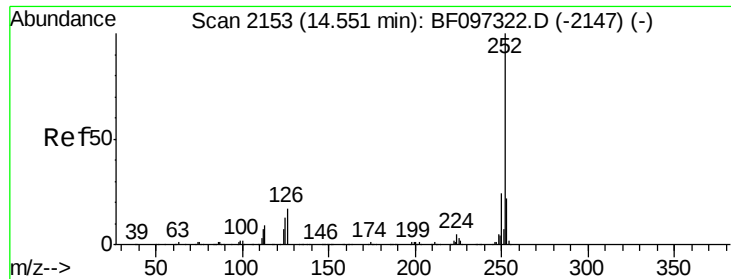
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

Tgt Ion:264 Resp: 150031
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

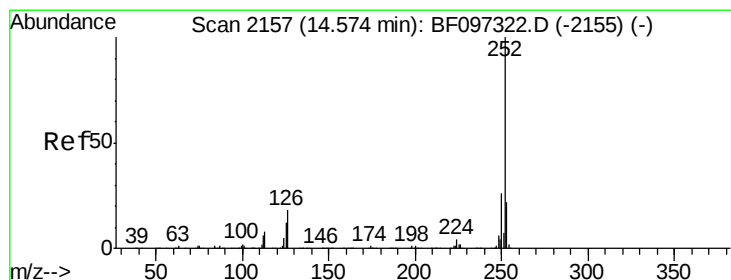
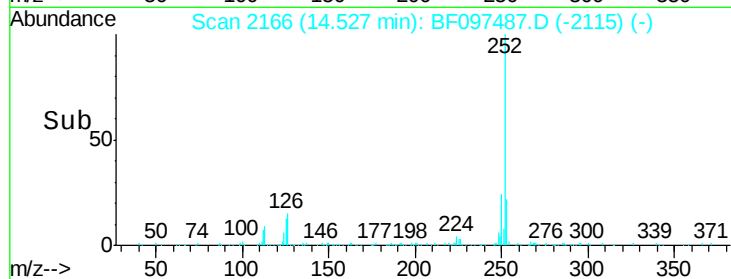
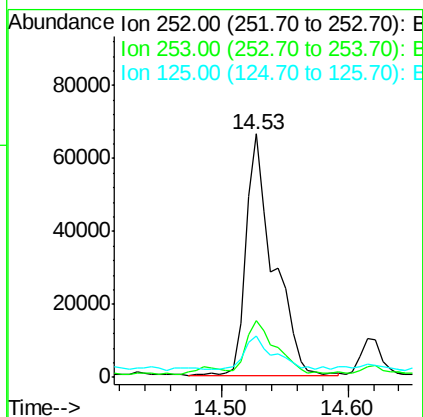
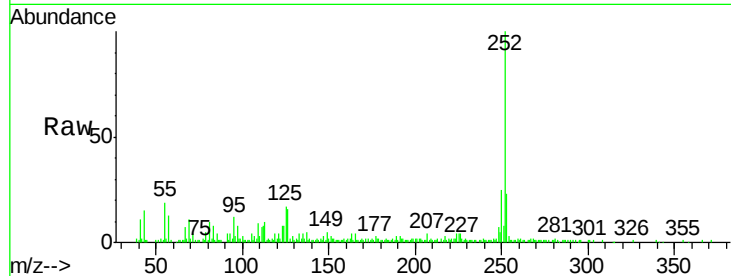




#87
Benzo(b)fluoranthene
Concen: 10.94 ng
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

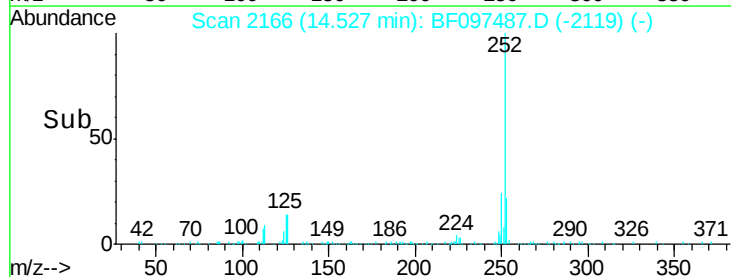
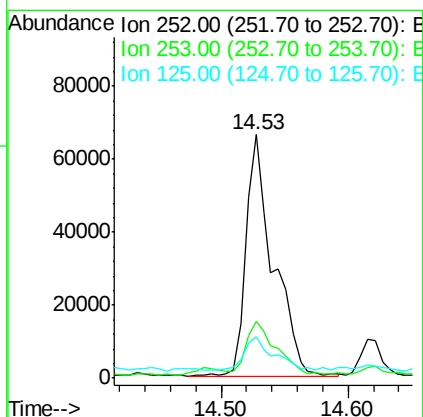
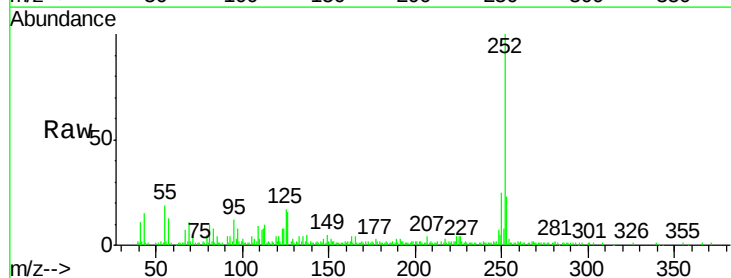
Instrument :
BNA_F
ClientSampleId :
TP7DEL-WC1

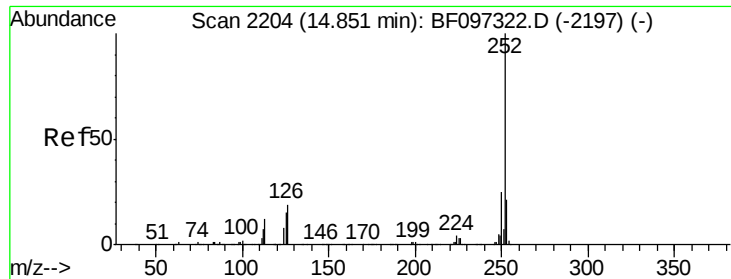
Tot Ion:252 Resp: 98629
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 17.0 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 11.48 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF097487.D
Acq: 9 Aug 2017 00:00

Tgt Ion:252 Resp: 98629
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 17.0 13.1 19.7





#89

Benzo(a)pyrene

Concen: 6.89 ng

RT: 14.83 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

Instrument :

BNA_F

ClientSampleId :

TP7DEL-WC1

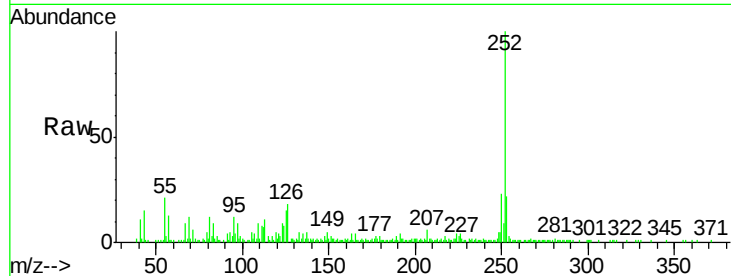
Tot Ion:252 Resp: 56901

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

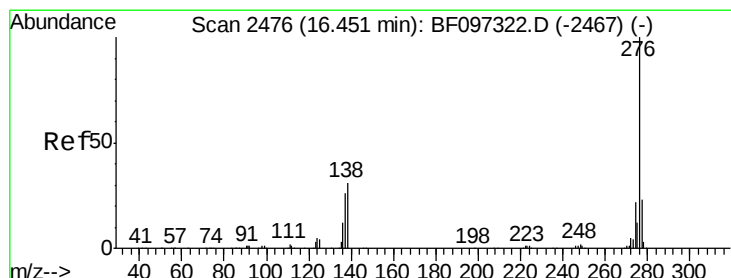
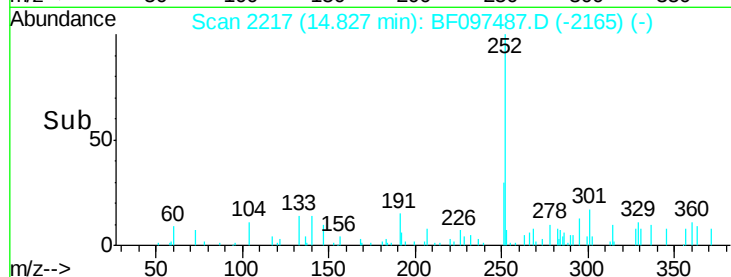
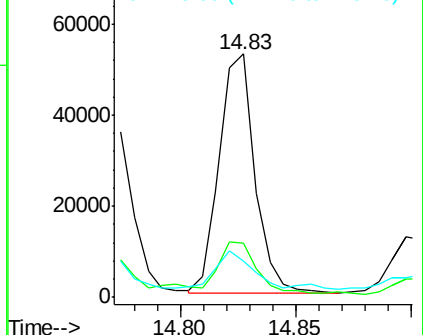
125 14.6 11.0 16.4



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



#91

Benzo(g,h,i)perylene

Concen: 4.40 ng

RT: 16.42 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF097487.D

Acq: 9 Aug 2017 00:00

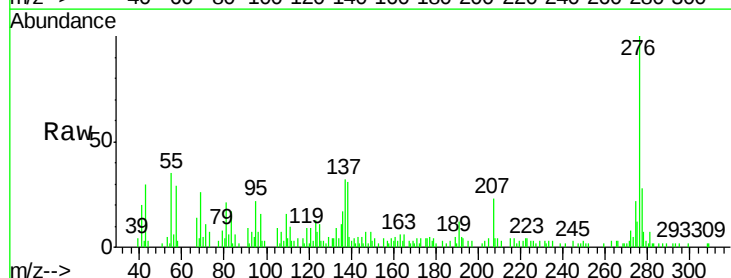
Tgt Ion:276 Resp: 31263

Ion Ratio Lower Upper

276 100

277 27.5 18.6 28.0

138 30.6 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

