

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097197.D
 Acq On : 29 Jul 2017 11:51
 Operator : SJ/JU
 Sample : I4444-10DL 10X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-DDL

Quant Time: Jul 31 01:02:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	99551	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	386902	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	150550	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	213394	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	182594	20.00	ng	-0.01
86) Perylene-d12	14.96	264	135289	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	75072	11.37	ng	0.00
7) Phenol-d6	6.15	99	77959	10.34	ng	-0.02
23) Nitrobenzene-d5	7.06	82	35335	5.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	8602	7.23	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	67749	7.64	ng	-0.02
78) Terphenyl-d14	12.57	244	45563	5.09	ng	-0.02

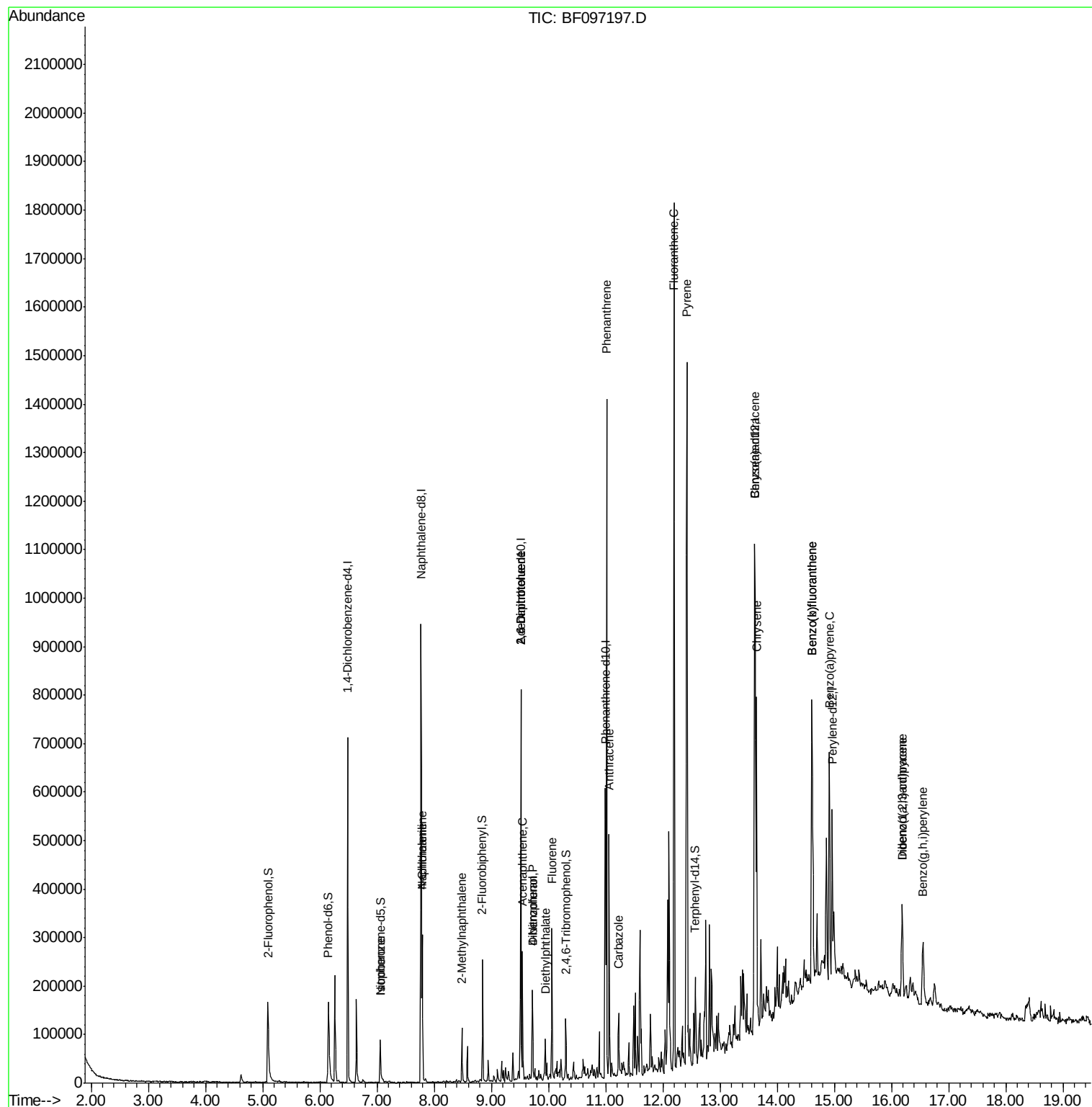
Target Compounds						Qvalue
25) Isophorone	7.06	82	35334	2.74	ng	# 67
31) Naphthalene	7.79	128	124787	6.84	ng	98
33) 4-Chloroaniline	7.79	127	15510	2.09	ng	# 29
37) 2-Methylnaphthalene	8.49	142	32700	2.83	ng	95
50) 2,6-Dinitrotoluene	9.52	165	20009	8.25	ng	# 31
51) Acenaphthene	9.55	154	51624	6.03	ng	99
54) Dibenzofuran	9.72	168	66409	5.83	ng	99
55) 4-Nitrophenol	9.72	139	25154	14.05	ng	# 28
56) 2,4-Dinitrotoluene	9.52	165	20009	7.18	ng	# 31
57) Fluorene	10.06	166	85076	9.93	ng	97
59) Diethylphthalate	9.95	149	27111	2.58	ng	99
70) Phenanthrene	11.02	178	492163	43.04	ng	98
71) Anthracene	11.06	178	176523	15.07	ng	98
72) Carbazole	11.23	167	44975	3.91	ng	# 97
74) Fluoranthene	12.20	202	674036	60.18	ng	99
77) Pyrene	12.42	202	601944	40.27	ng	99
80) Benzo(a)anthracene	13.60	228	314160	26.59	ng	98
82) Chrysene	13.64	228	261150	22.64	ng	98
85) Indeno(1,2,3-cd)pyrene	16.19	276	98749	9.98	ng	95
87) Benzo(b)fluoranthene	14.61	252	359470	44.20	ng	# 97
88) Benzo(k)fluoranthene	14.61	252	359470	46.39	ng	99
89) Benzo(a)pyrene	14.92	252	191562	25.74	ng	99
90) Dibenzo(a,h)anthracene	16.19	278	26879	4.40	ng	# 73
91) Benzo(g,h,i)perylene	16.55	276	88633	13.85	ng	98

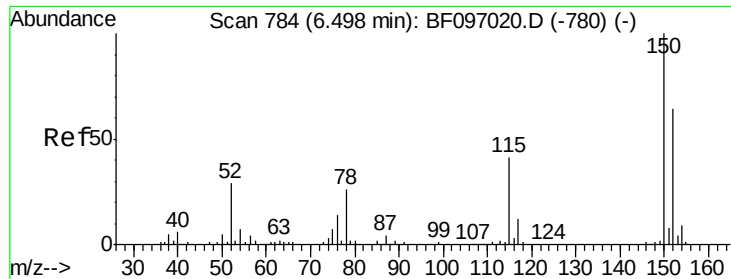
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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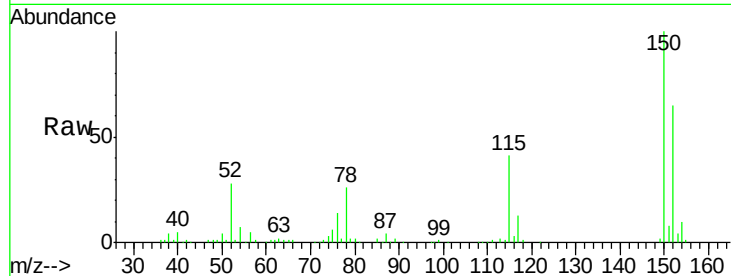


#1

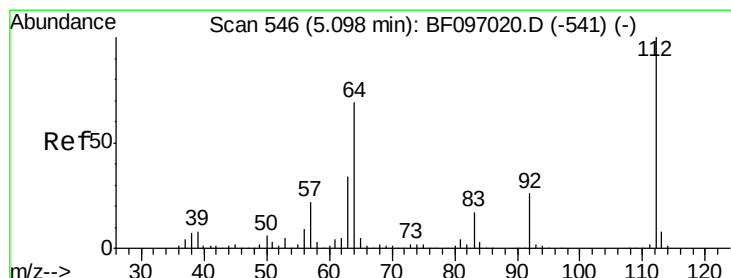
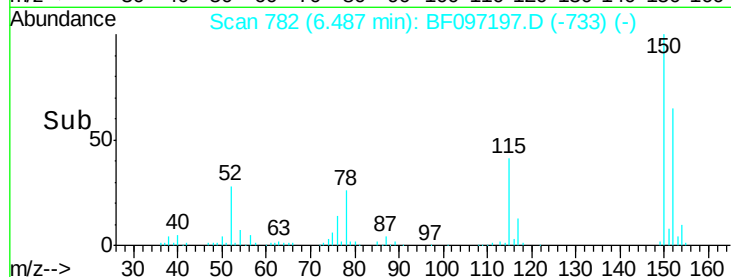
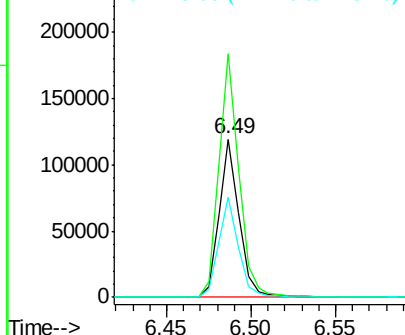
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tot Ion:152 Resp: 99551
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 63.2 52.2 78.2



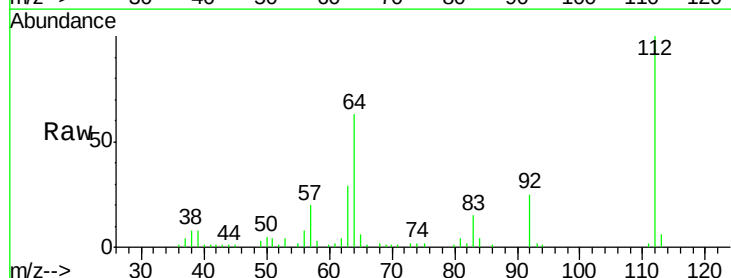
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



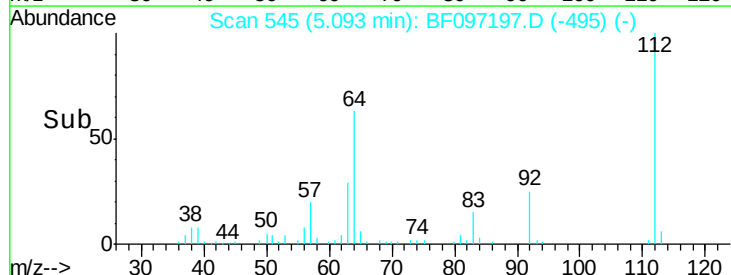
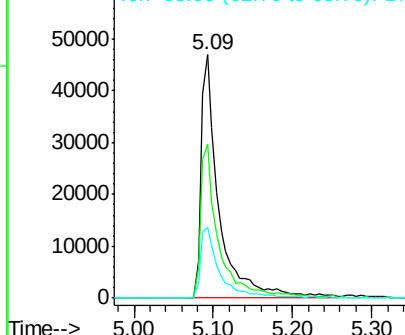
#5

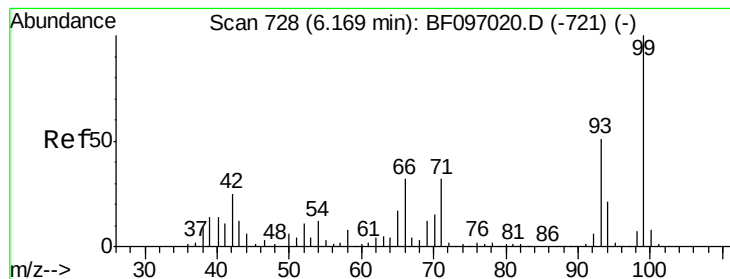
2-Fluorophenol
Concen: 11.37 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:112 Resp: 75072
Ion Ratio Lower Upper
112 100
64 63.4 46.0 69.0
63 29.0 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: 10.34 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

Instrument :

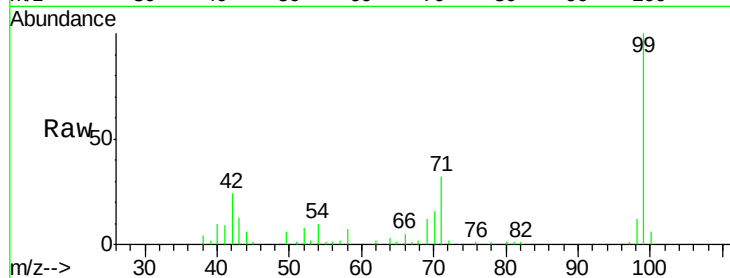
BNA_F

ClientSampleId :

EO-02-072517-DDL

Tot Ion: 99 Resp: 77959

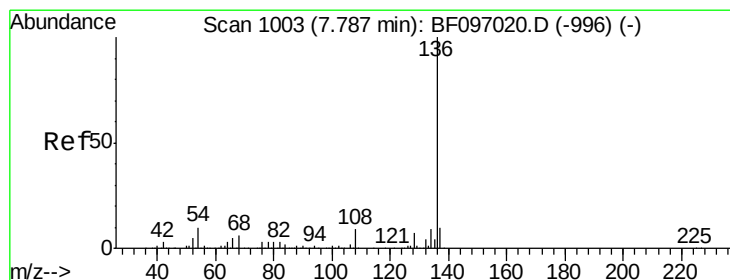
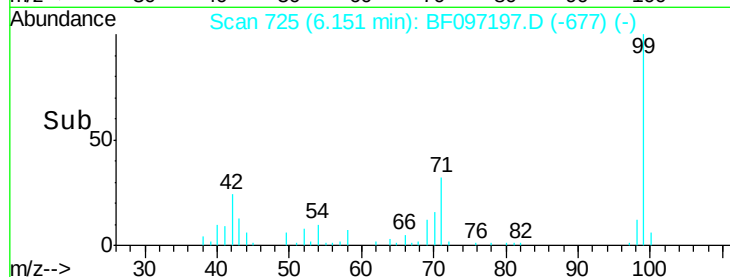
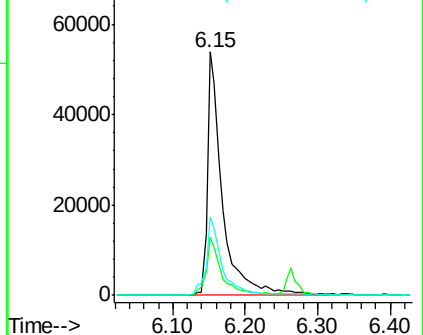
Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	32.3	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 1000

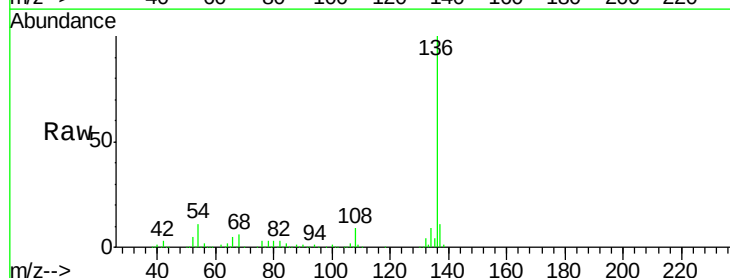
Delta R.T. -0.02 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

Tgt Ion:136 Resp: 386902

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.1	4.9	7.3#
68	6.2	4.1	6.1#

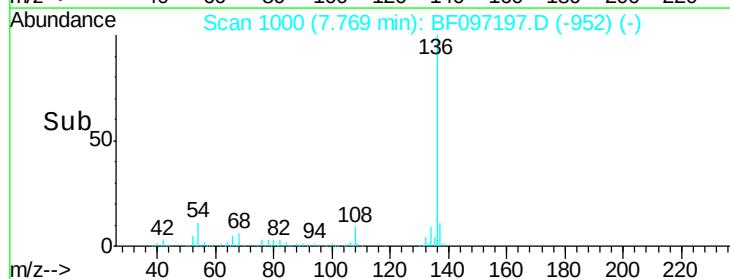
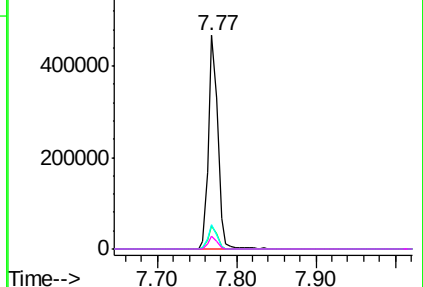


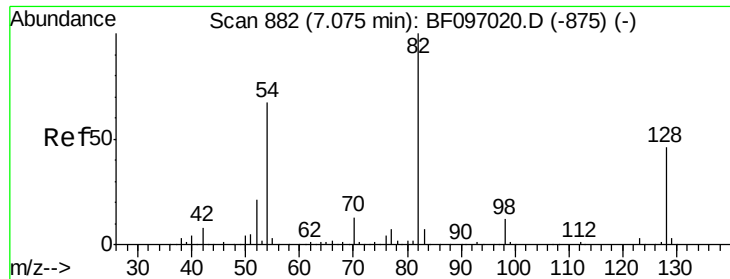
Abundance Ion 136.00 (135.70 to 136.70): E

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

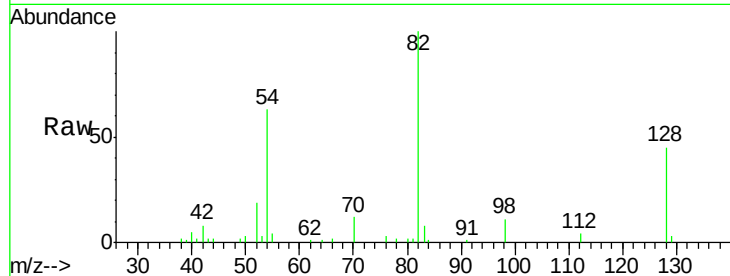




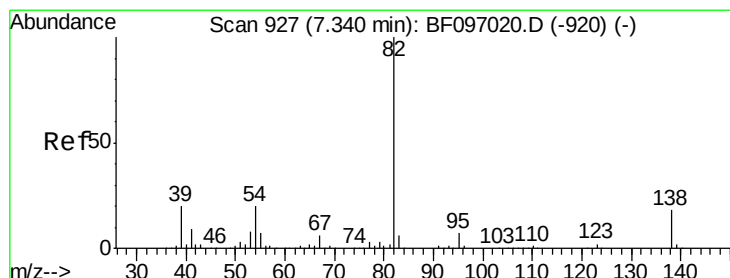
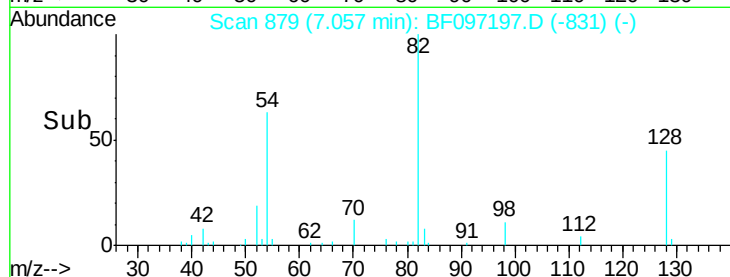
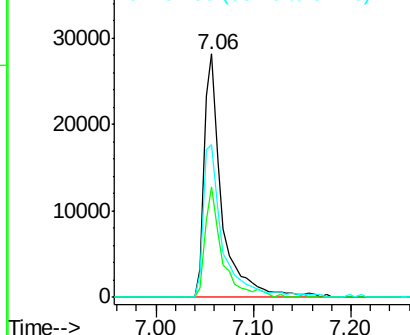
#23
Nitrobenzene-d5
Concen: 5.36 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tot Ion: 82 Resp: 35335
Ion Ratio Lower Upper
82 100
128 45.3 34.0 51.0
54 62.8 42.2 63.2

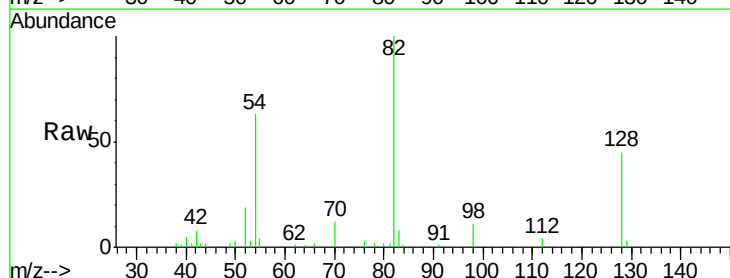


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

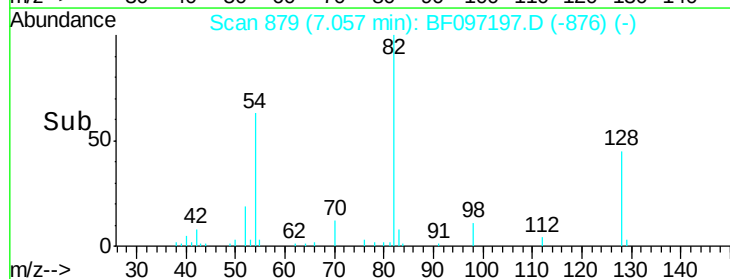
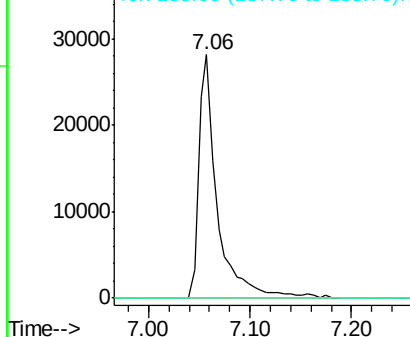


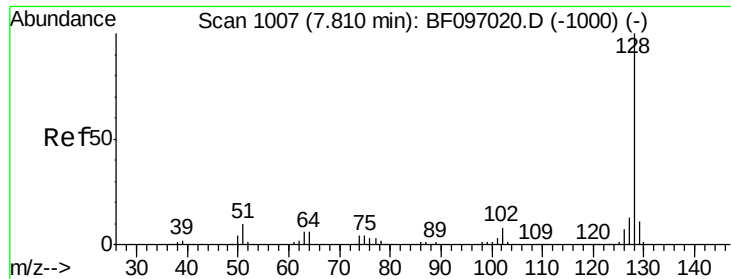
#25
Isophorone
Concen: 2.74 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion: 82 Resp: 35334
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): BF0

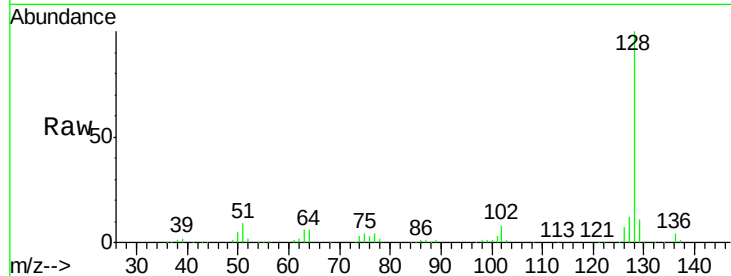




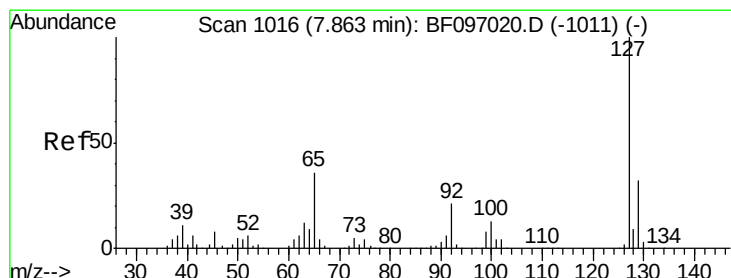
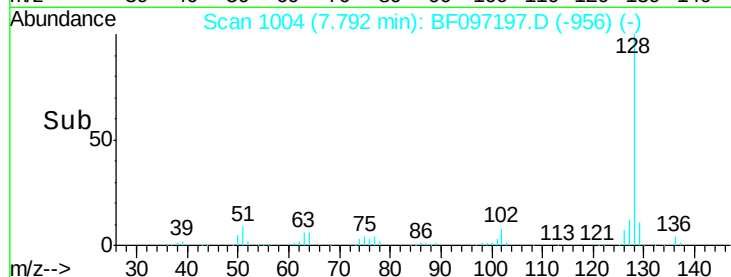
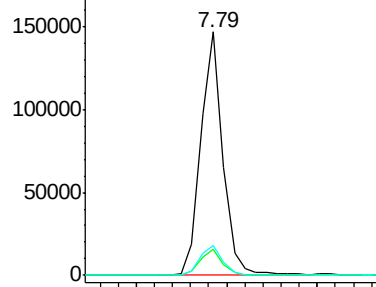
#31
Naphthalene
Concen: 6.84 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tot Ion:128 Resp: 124787
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.2 10.8 16.2

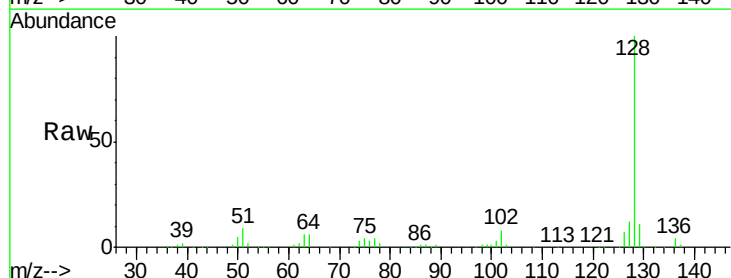


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

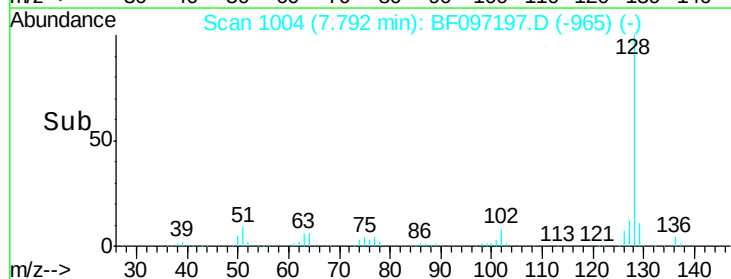
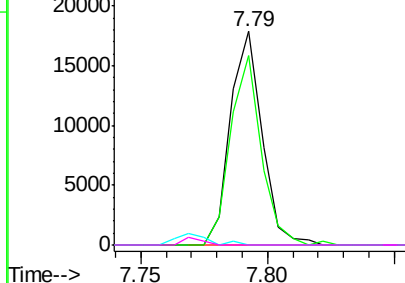


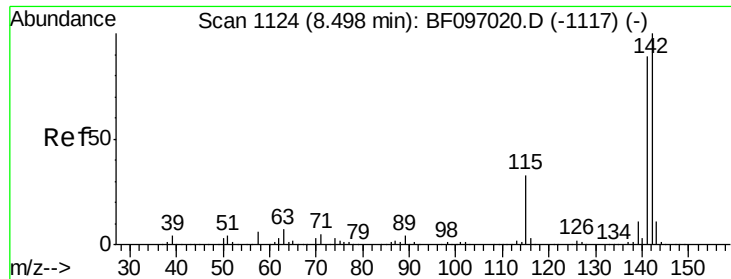
#33
4-Chloroaniline
Concen: 2.09 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.07 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:127 Resp: 15510
Ion Ratio Lower Upper
127 100
129 89.0 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 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

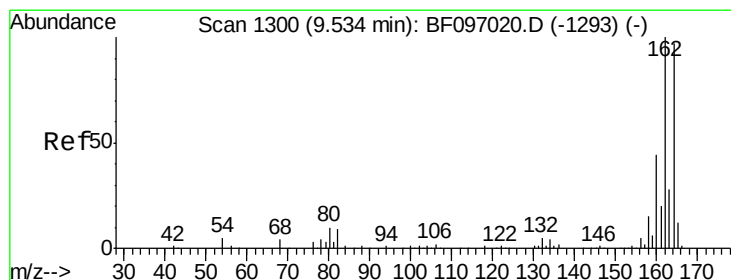
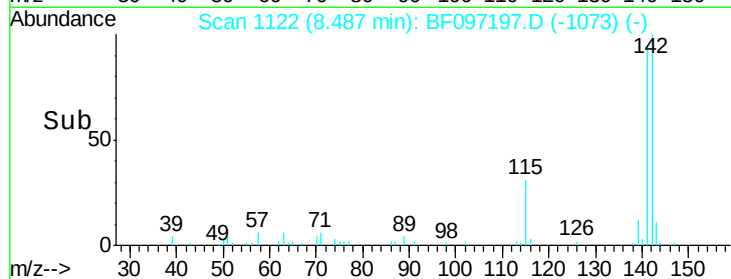
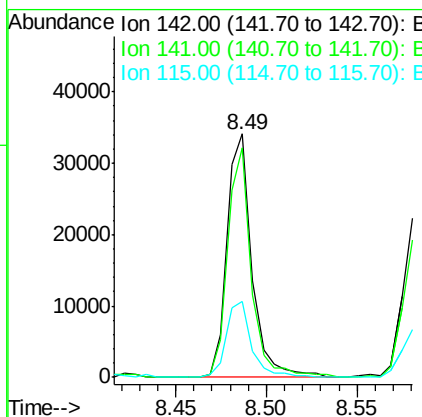
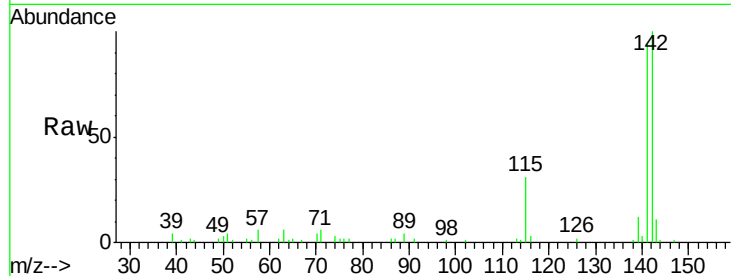




#37
 2-Methylnaphthalene
 Concen: 2.83 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF097197.D
 Acq: 29 Jul 2017 11:51

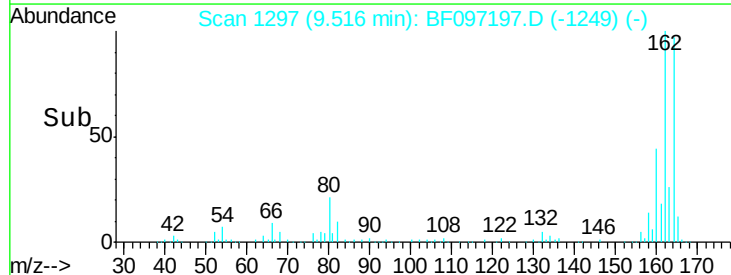
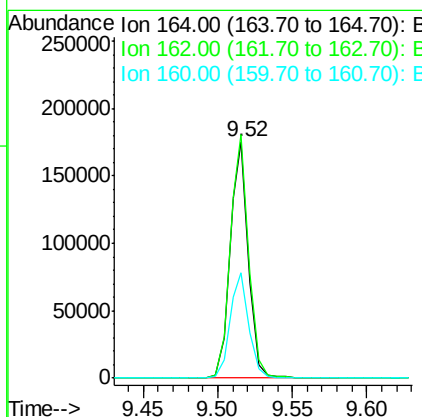
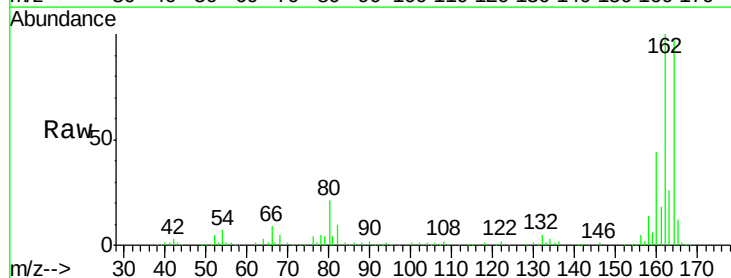
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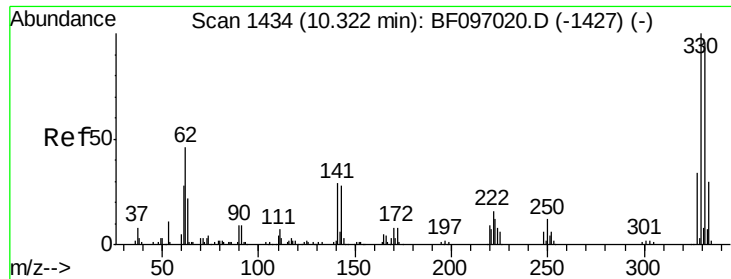
Tot Ion:142 Resp: 32700
 Ion Ratio Lower Upper
 142 100
 141 94.2 71.3 106.9
 115 31.0 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097197.D
 Acq: 29 Jul 2017 11:51

Tgt Ion:164 Resp: 150550
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 44.8 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 7.23 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-DDL

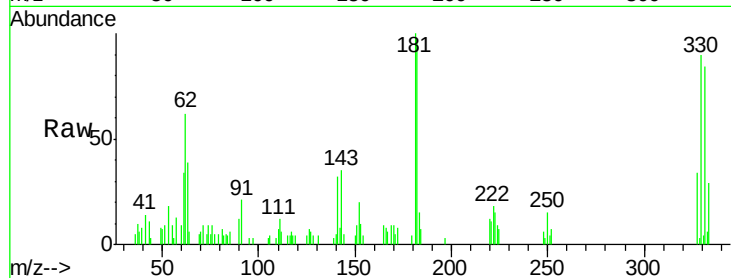
Tot Ion:330 Resp: 8602

Ion Ratio Lower Upper

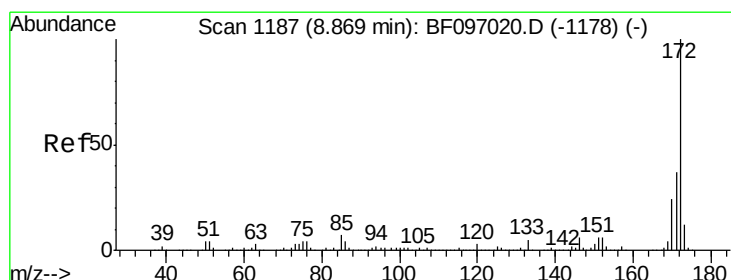
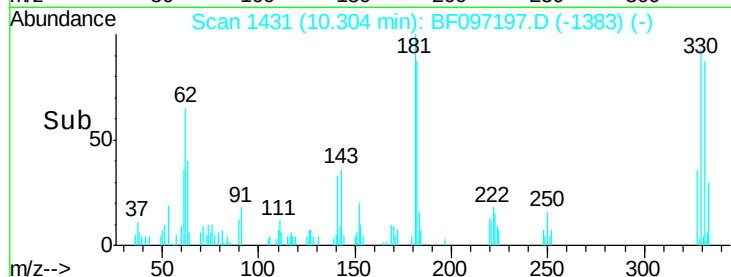
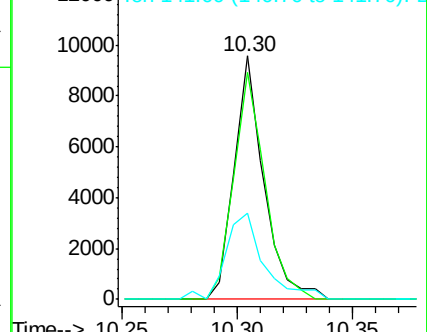
330 100

332 97.2 76.6 115.0

141 45.7 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: 7.64 ng

RT: 8.85 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

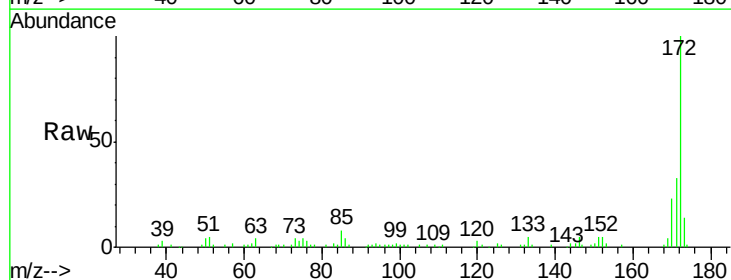
Tgt Ion:172 Resp: 67749

Ion Ratio Lower Upper

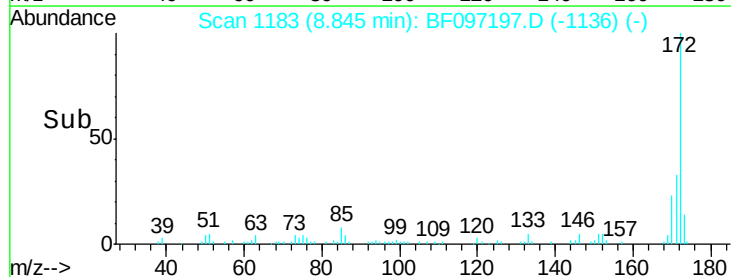
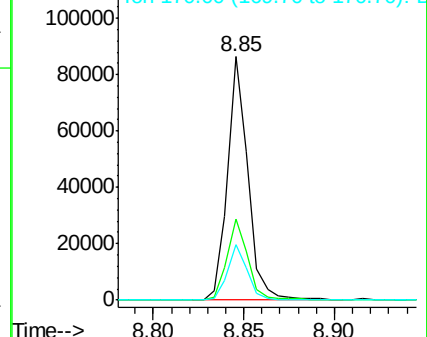
172 100

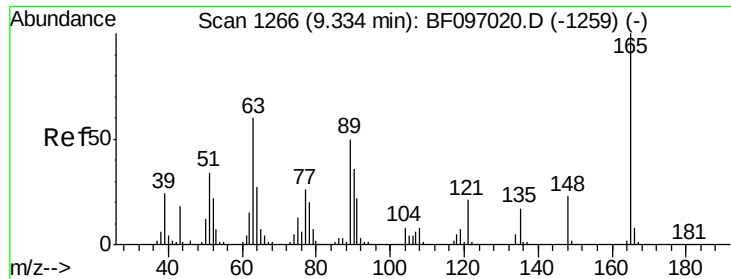
171 33.0 29.6 44.4

170 22.6 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





#50

2,6-Dinitrotoluene

Concen: 8.25 ng

RT: 9.52 min Scan# 1297

Delta R.T. 0.18 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-DDL

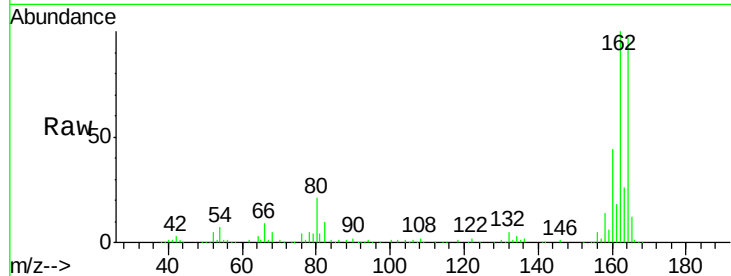
Tot Ion:165 Resp: 20009

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

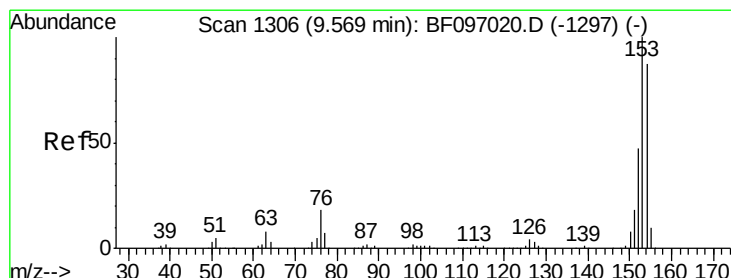
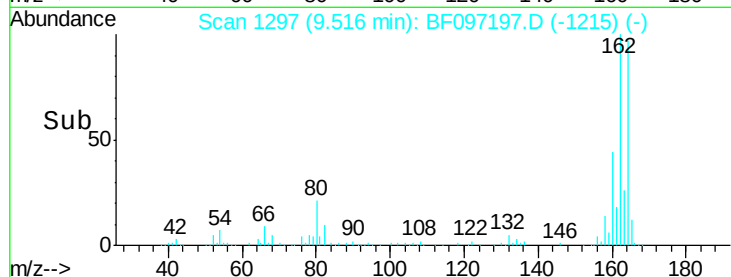
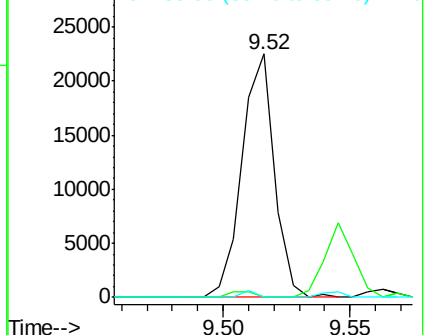
89 0.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 6.03 ng

RT: 9.55 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

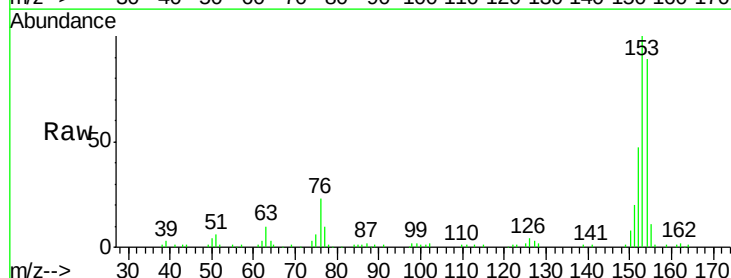
Tgt Ion:154 Resp: 51624

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

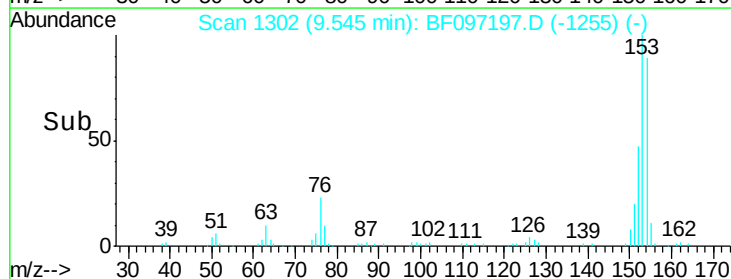
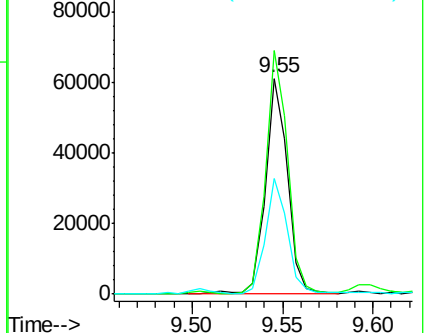
152 53.5 43.6 65.4

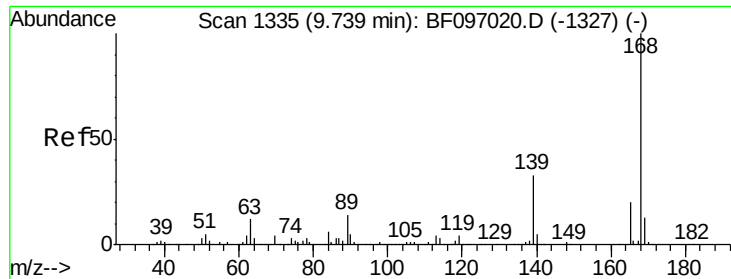


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 5.83 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

Instrument :

BNA_F

ClientSampleID :

EO-02-072517-DDL

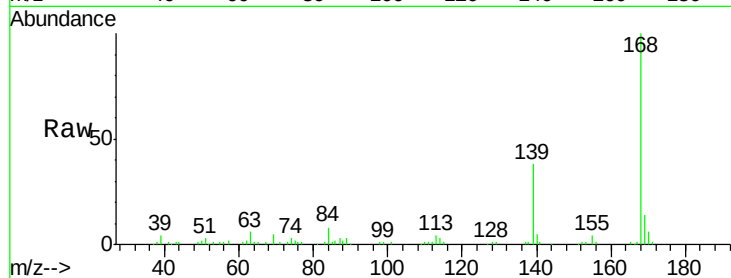
Tot Ion:168 Resp: 66409

Ion Ratio Lower Upper

168 100

139 37.9 30.6 45.8

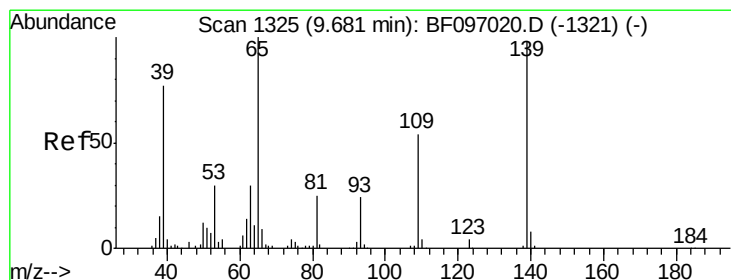
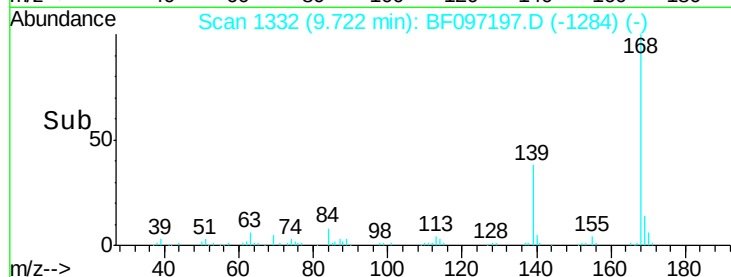
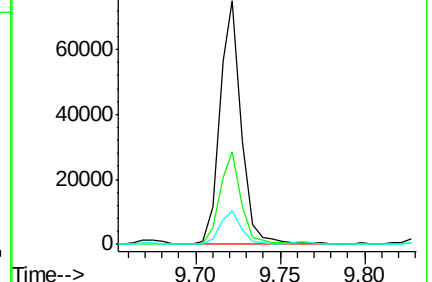
169 14.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 14.05 ng

RT: 9.72 min Scan# 1332

Delta R.T. 0.04 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

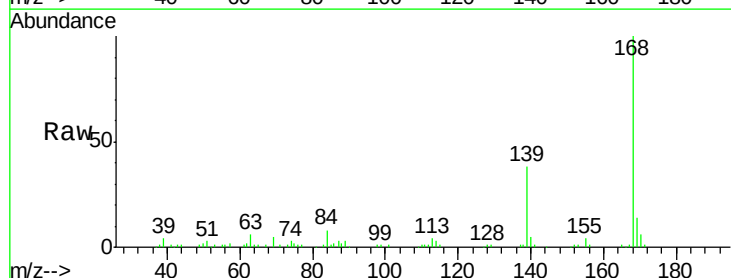
Tgt Ion:139 Resp: 25154

Ion Ratio Lower Upper

139 100

109 1.2 34.1 74.1#

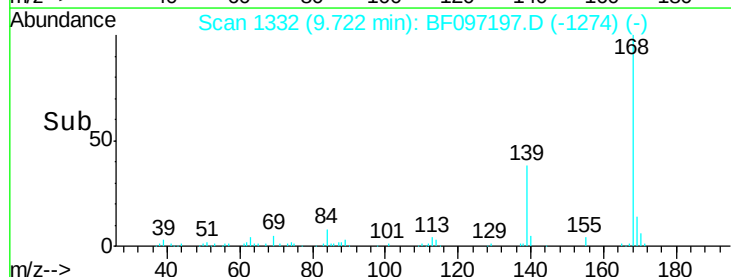
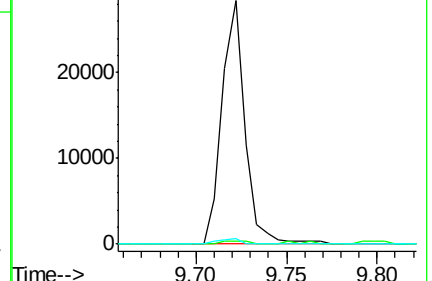
65 2.1 31.4 71.4#

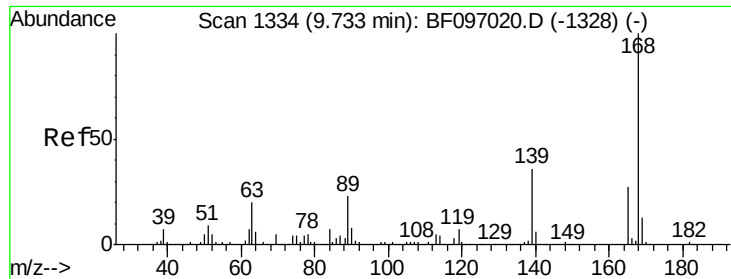


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.18 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.22 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-DDL

Tot Ion:165 Resp: 20009

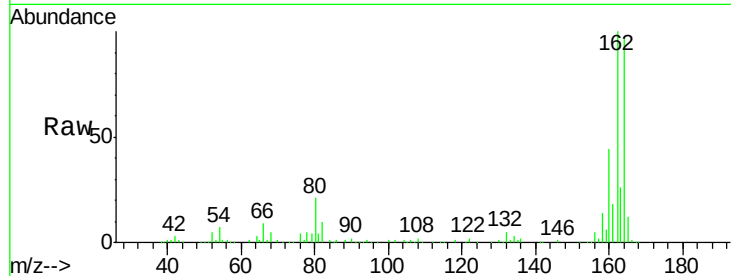
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

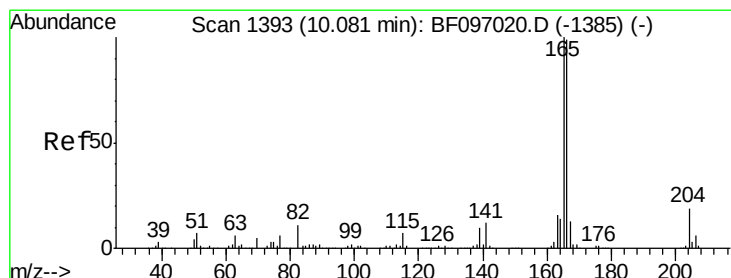
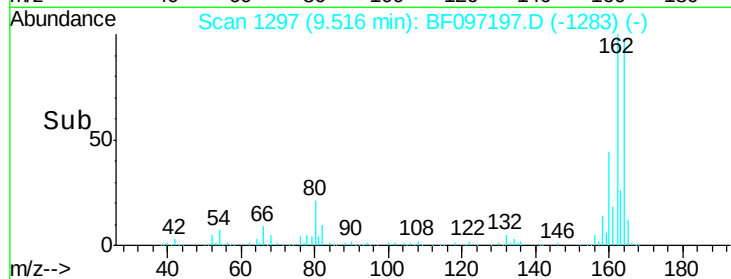
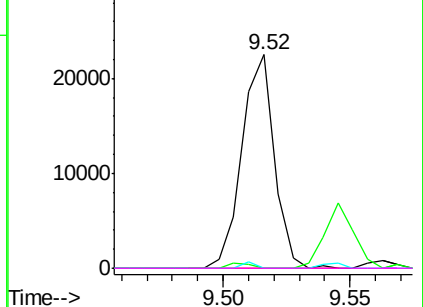


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 9.93 ng

RT: 10.06 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

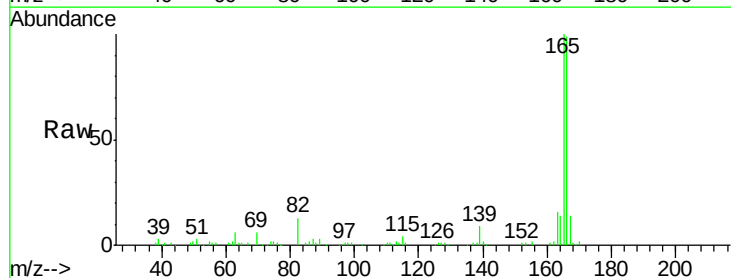
Tgt Ion:166 Resp: 85076

Ion Ratio Lower Upper

166 100

165 101.3 78.8 118.2

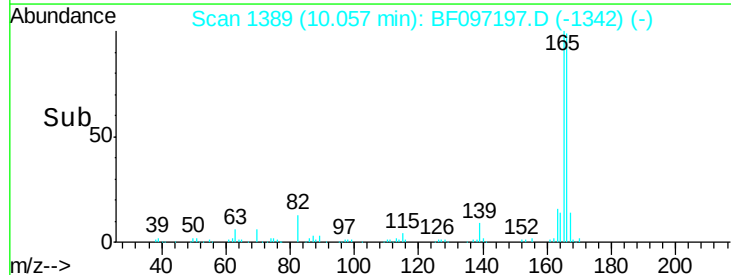
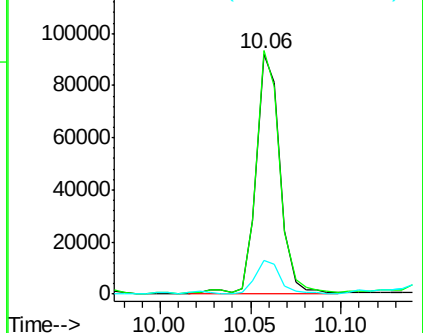
167 13.8 10.6 16.0

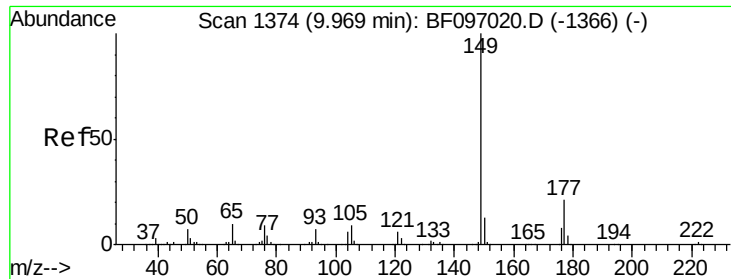


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

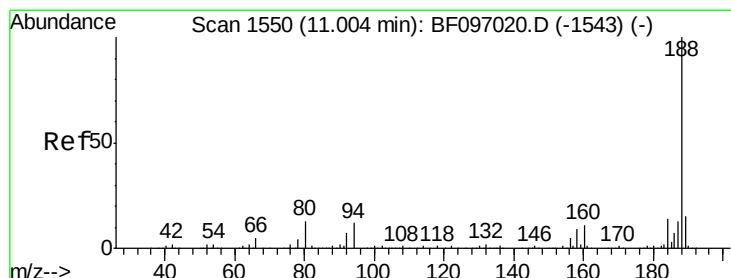
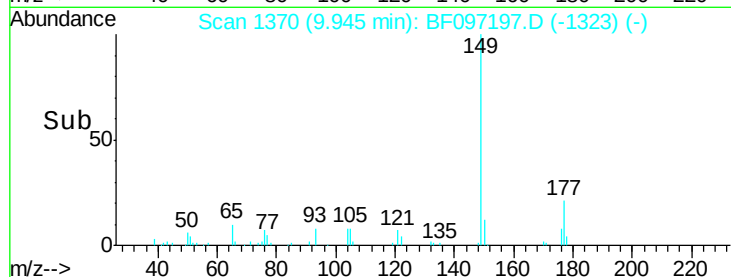
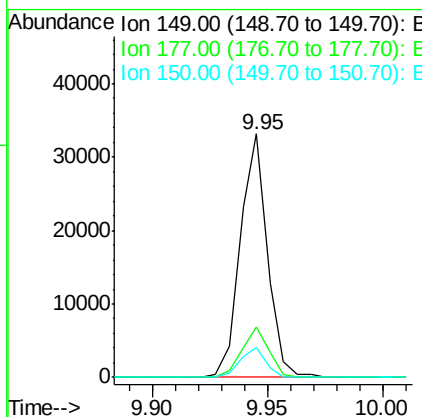
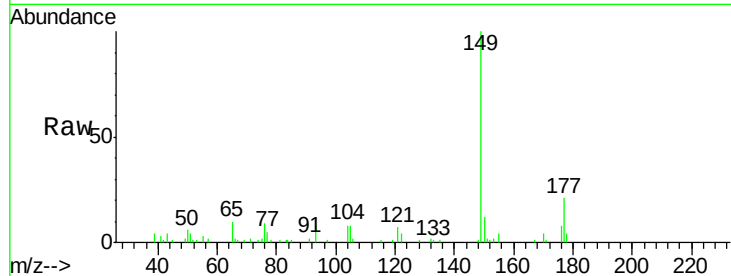




#59
Diethylphthalate
Concen: 2.58 ng
RT: 9.95 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

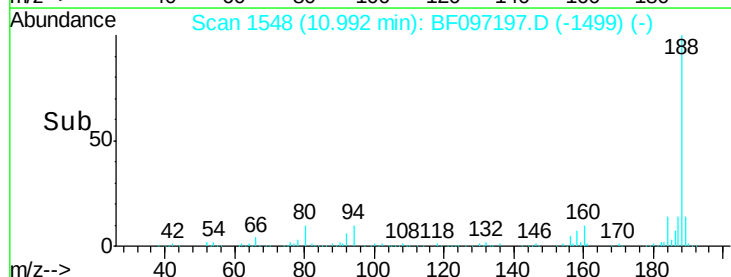
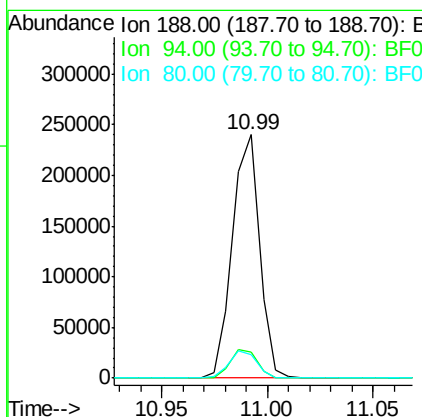
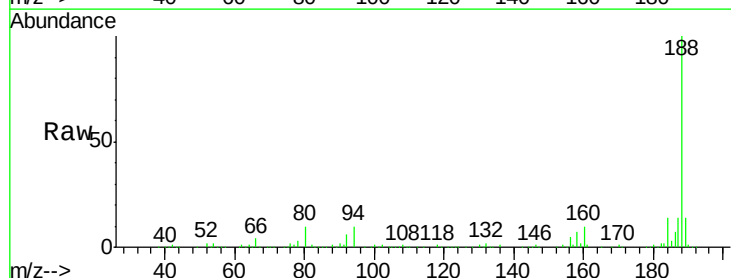
Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

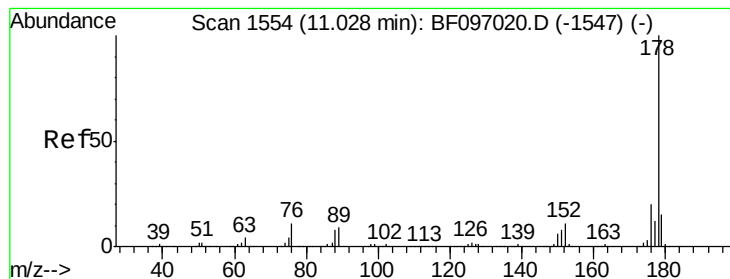
Tot Ion:149 Resp: 27111
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.3 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:188 Resp: 213394
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 9.8 10.2 15.2#





#70

Phenanthrene

Concen: 43.04 ng

RT: 11.02 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-DDL

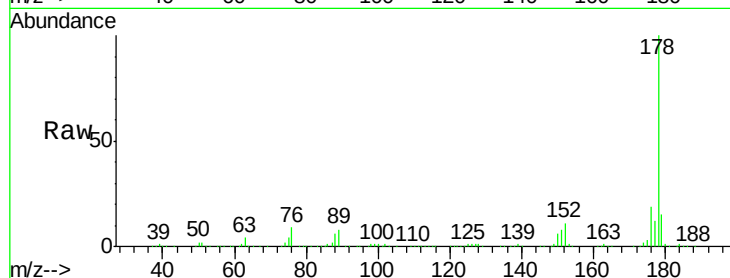
Tot Ion:178 Resp: 492163

Ion Ratio Lower Upper

178 100

176 19.2 16.2 24.4

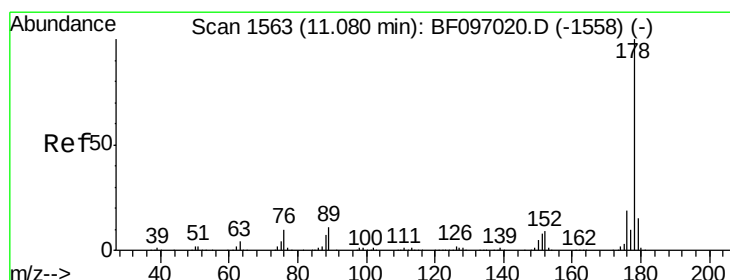
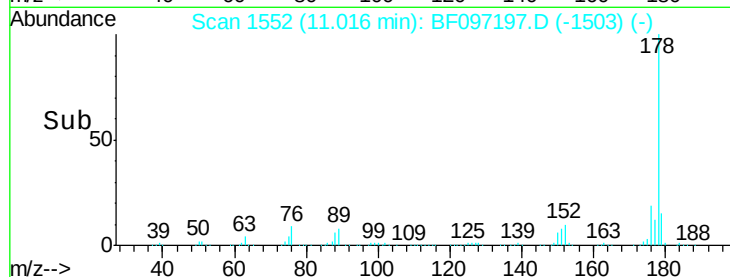
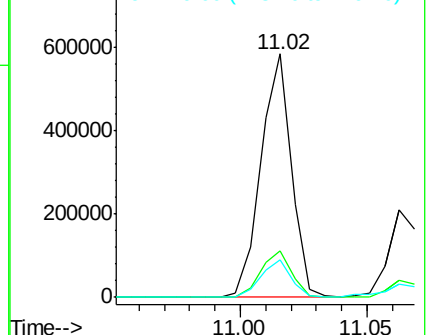
179 15.5 12.6 19.0



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



#71

Anthracene

Concen: 15.07 ng

RT: 11.06 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

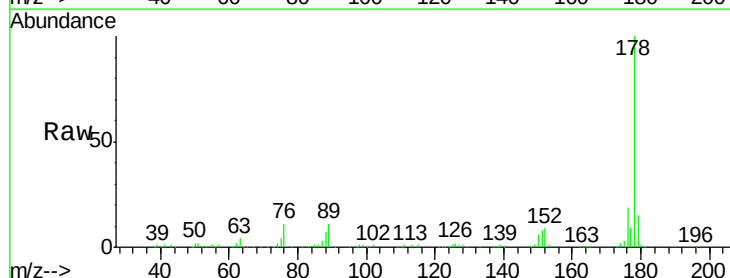
Tgt Ion:178 Resp: 176523

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

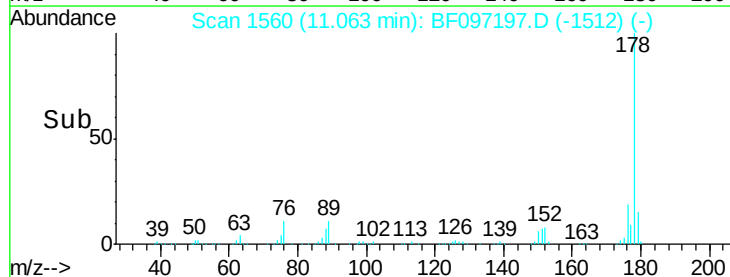
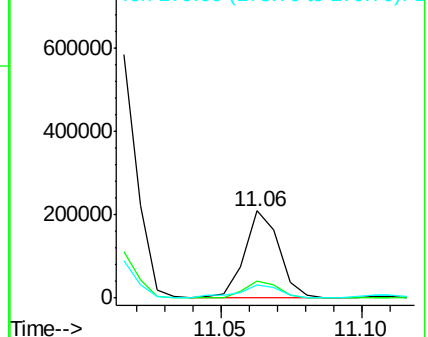
179 15.0 12.7 19.1

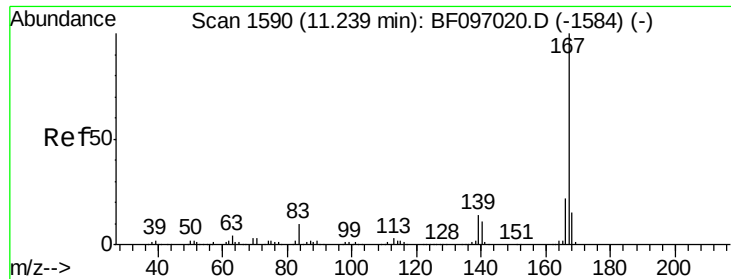


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.91 ng

RT: 11.23 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-DDL

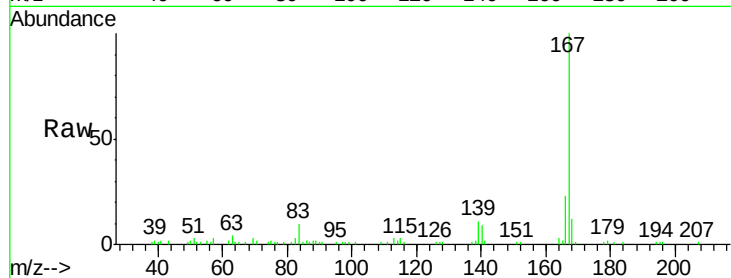
Tot Ion:167 Resp: 44975

Ion Ratio Lower Upper

167 100

166 23.0 18.1 27.1

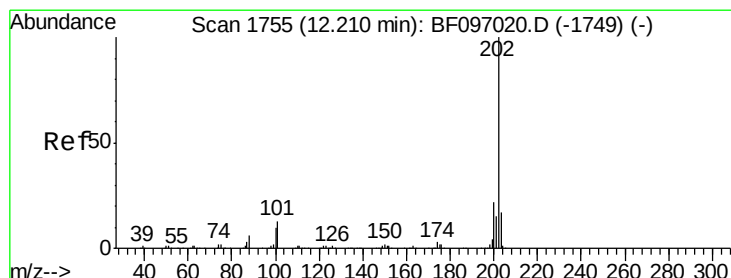
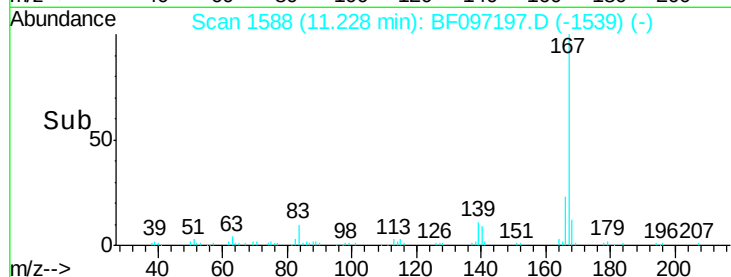
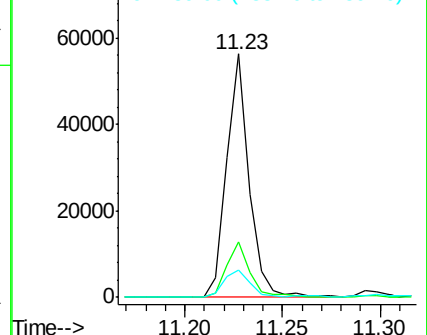
139 11.4 11.7 17.5#



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



#74

Fluoranthene

Concen: 60.18 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

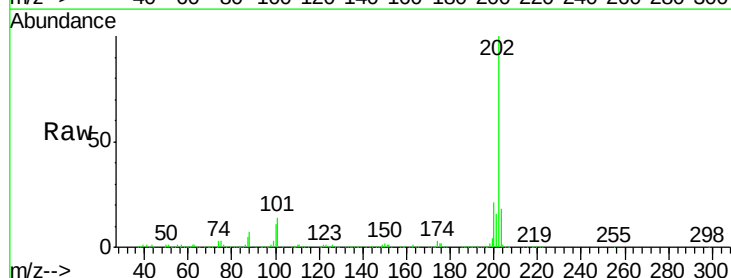
Tgt Ion:202 Resp: 674036

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

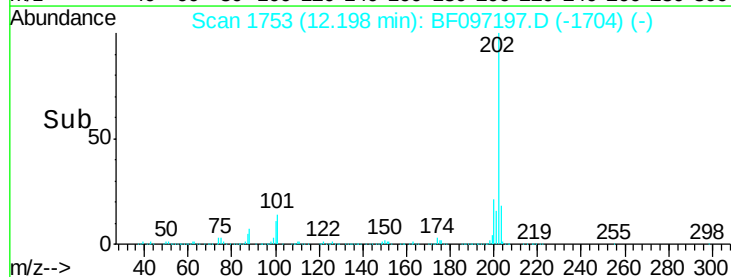
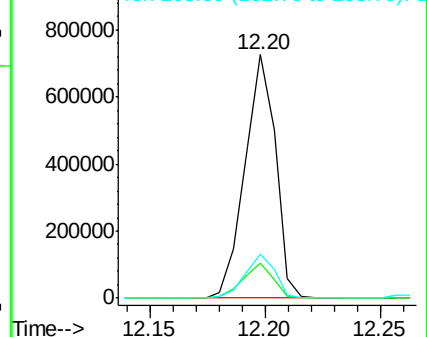
203 18.0 0.0 38.1

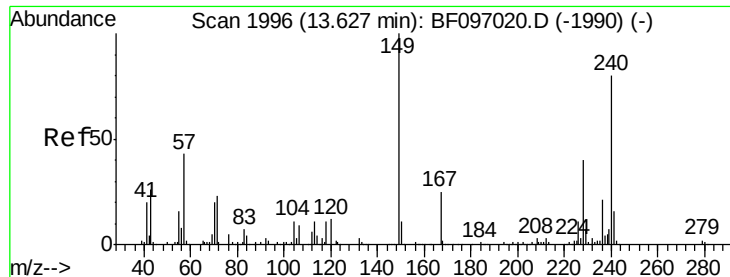


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-DDL

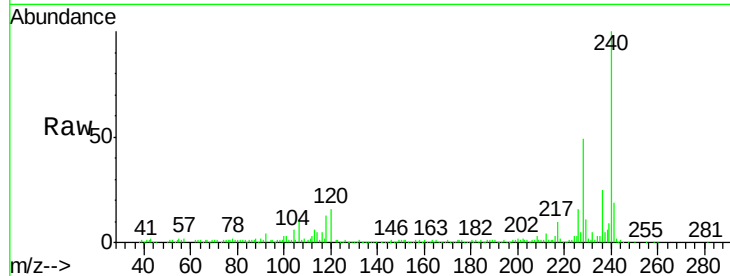
Tot Ion:240 Resp: 182594

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

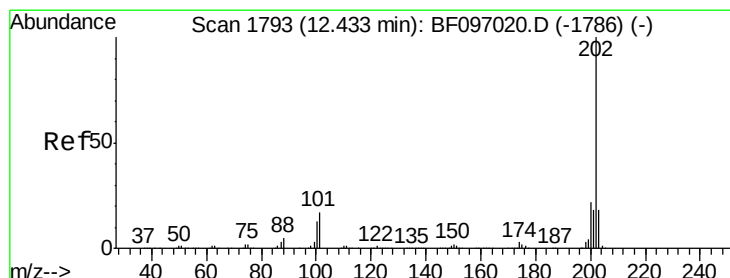
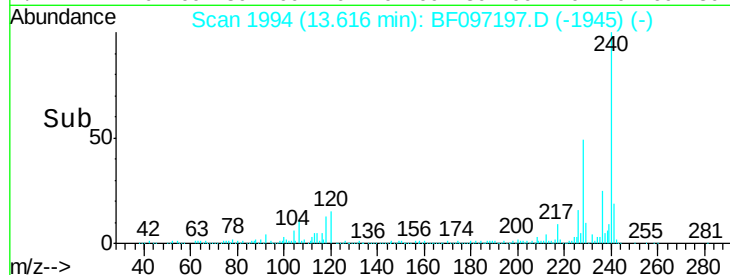
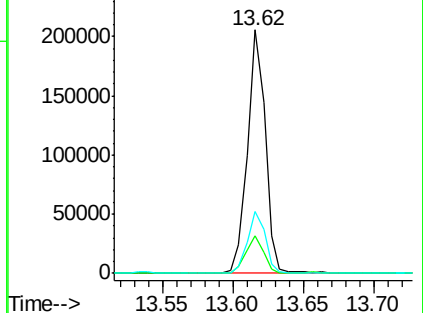
236 25.3 20.5 30.7



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

Pyrene

Concen: 40.27 ng

RT: 12.42 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

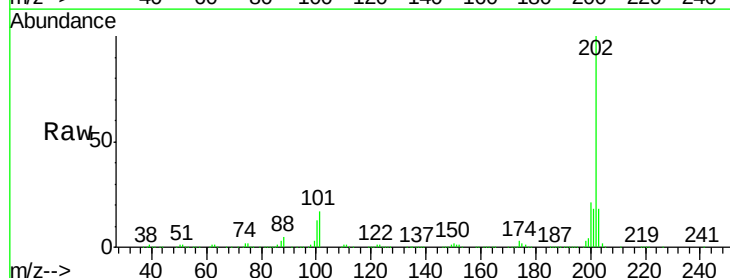
Tgt Ion:202 Resp: 601944

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

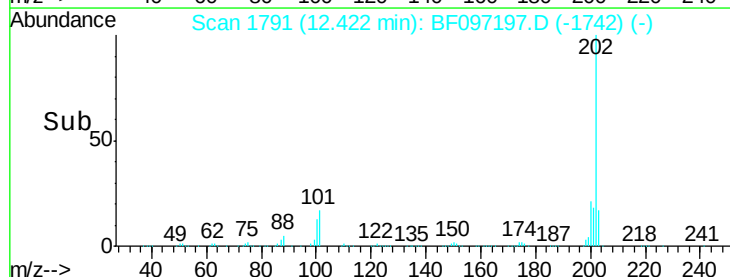
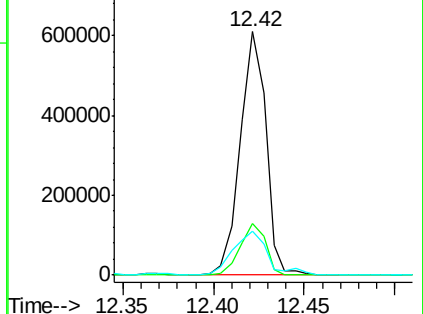
203 17.9 14.4 21.6

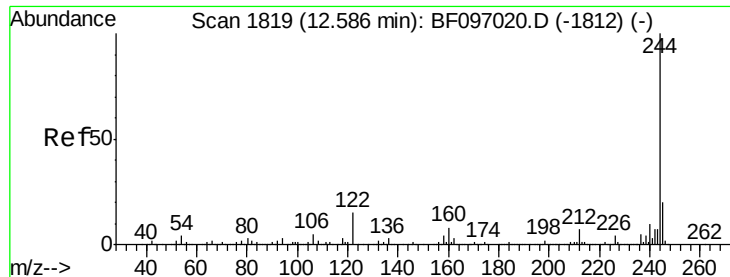


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

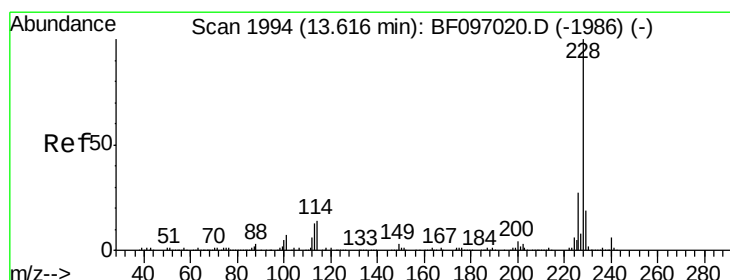
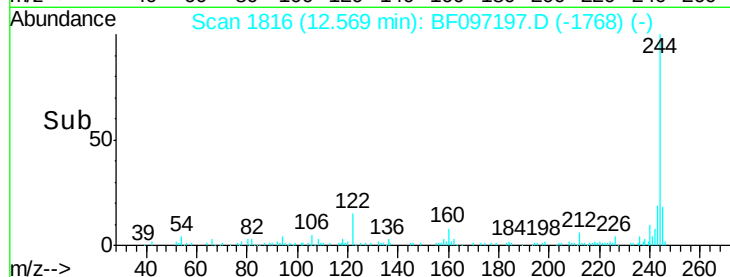
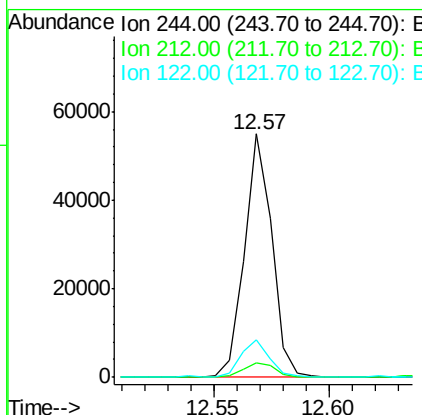
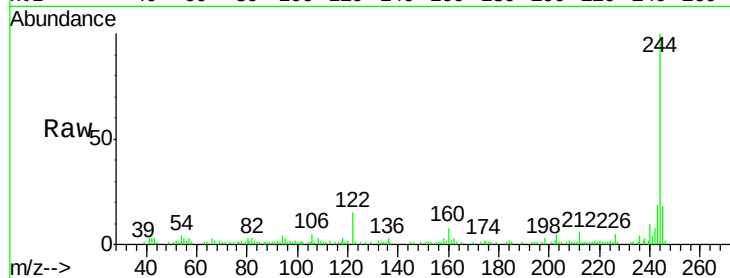




#78
 Terphenyl-d14
 Concen: 5.09 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF097197.D
 Acq: 29 Jul 2017 11:51

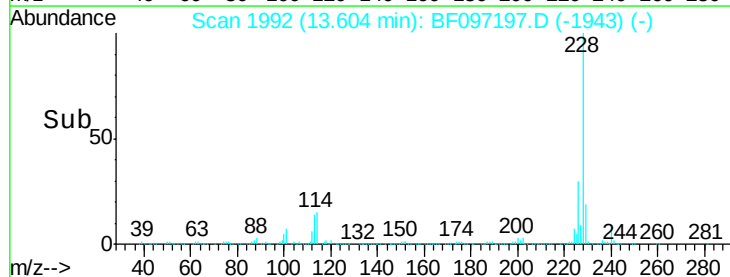
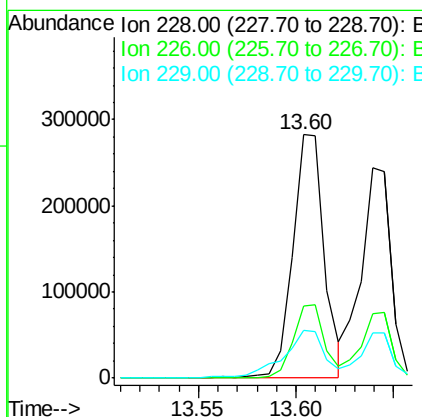
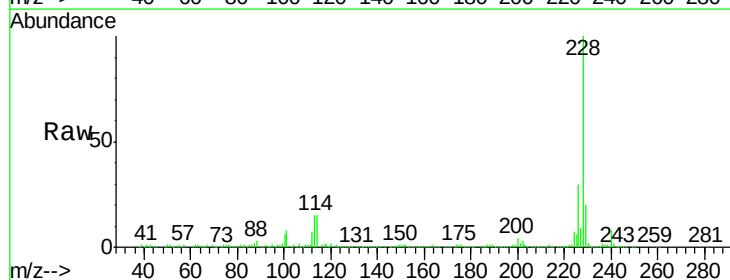
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-DDL

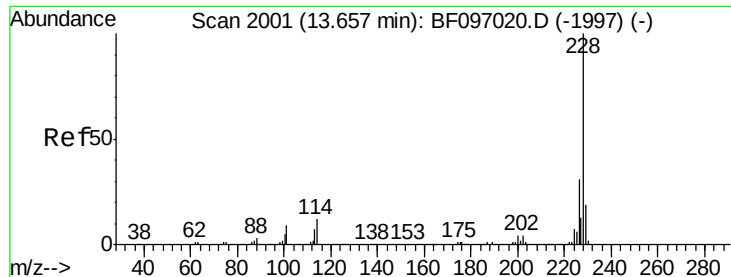
Tot Ion:244 Resp: 45563
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.0 9.0
 122 15.2 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 26.59 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF097197.D
 Acq: 29 Jul 2017 11:51

Tgt Ion:228 Resp: 314160
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.6 33.8
 229 19.8 16.3 24.5





#82

Chrysene

Concen: 22.64 ng

RT: 13.64 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-DDL

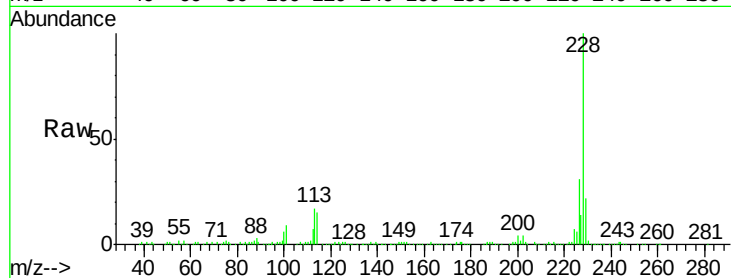
Tot Ion:228 Resp: 261150

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

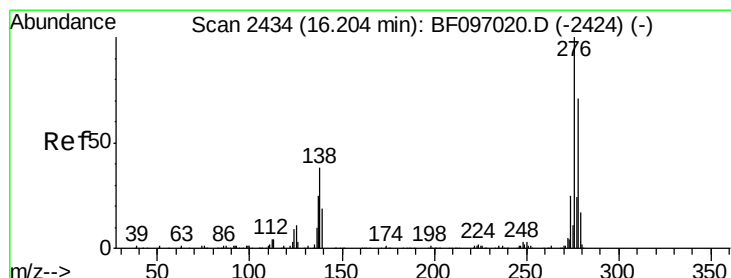
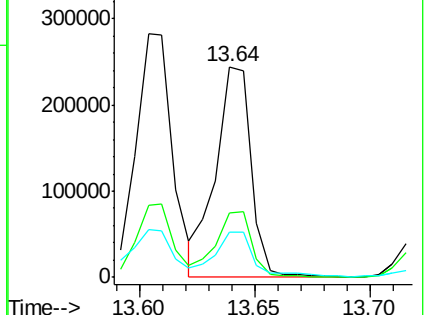
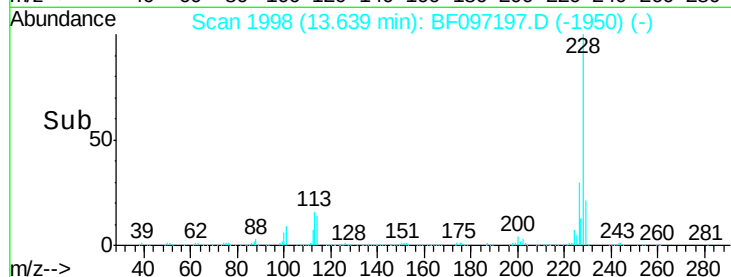
229 21.7 15.8 23.6



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: 9.98 ng

RT: 16.19 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BF097197.D

Acq: 29 Jul 2017 11:51

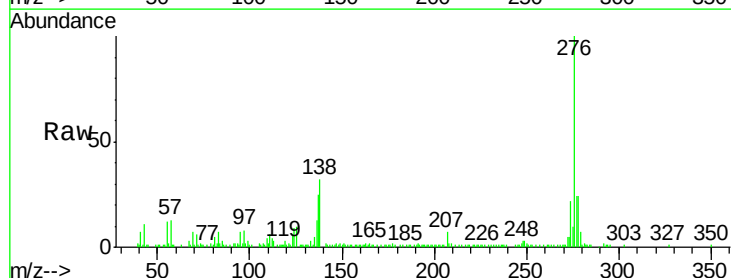
Tgt Ion:276 Resp: 98749

Ion Ratio Lower Upper

276 100

138 31.5 27.8 41.6

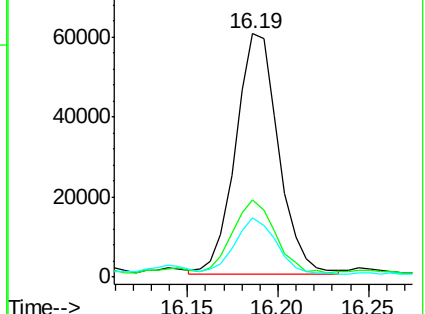
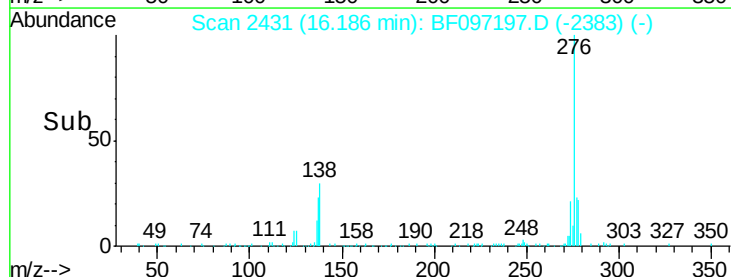
277 23.4 20.2 30.4

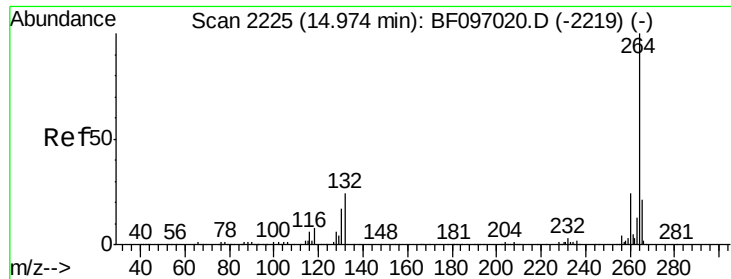


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

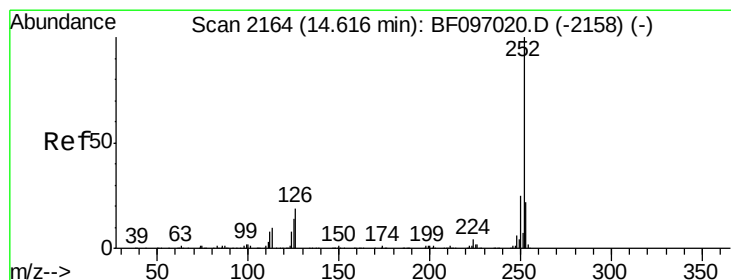
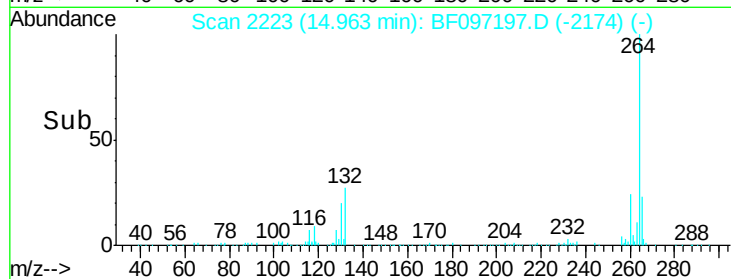
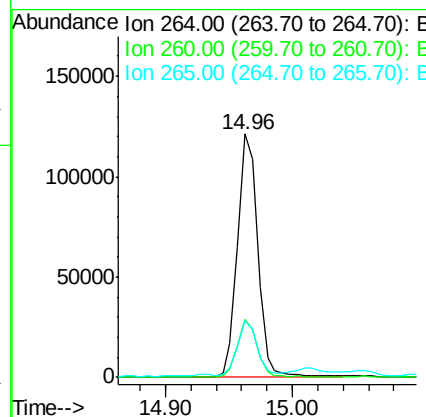
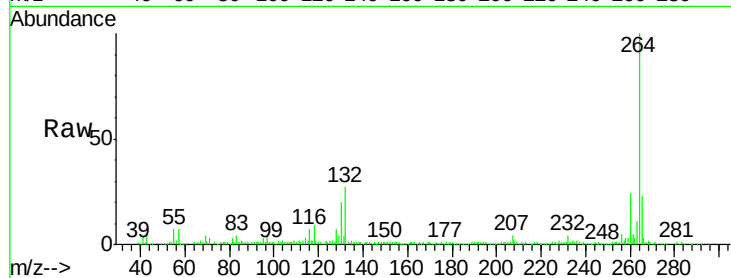




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

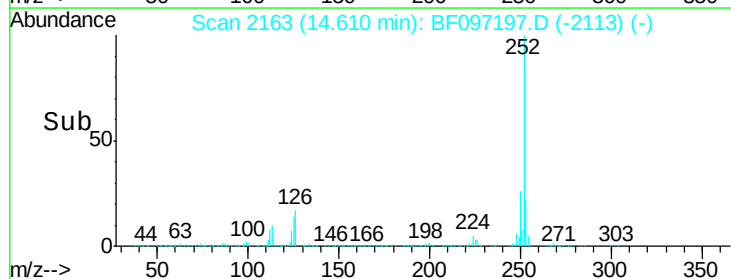
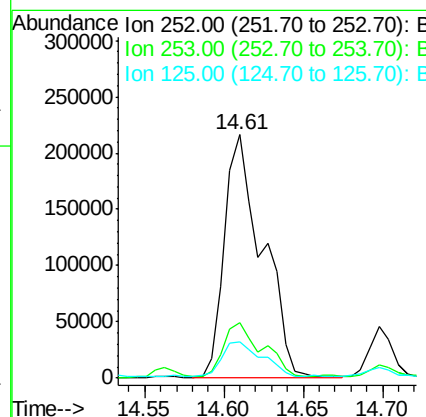
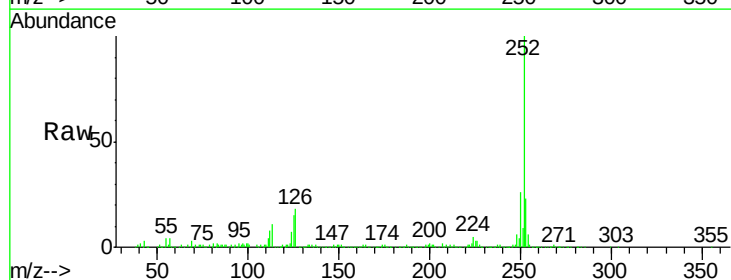
Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

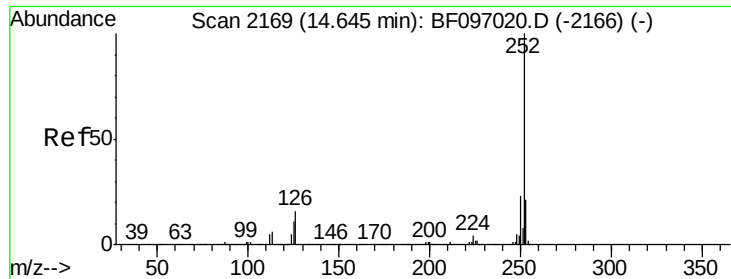
Tot Ion:264 Resp: 135289
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 23.1 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 44.20 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:252 Resp: 359470
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 15.1 9.8 14.8#

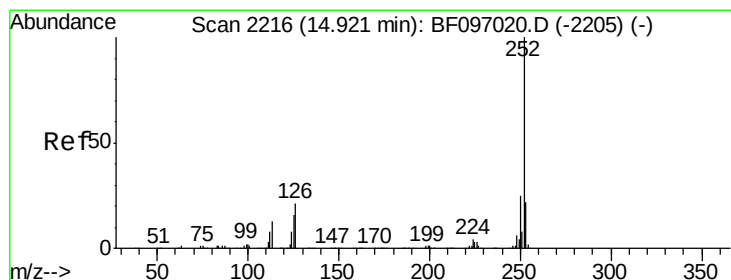
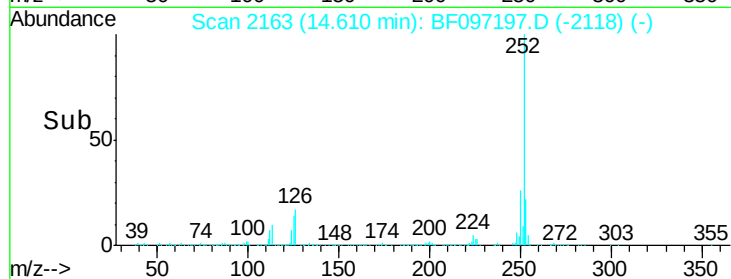
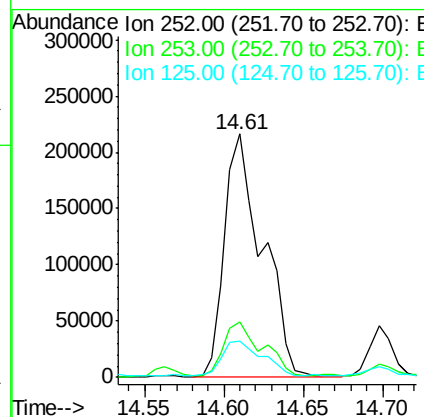
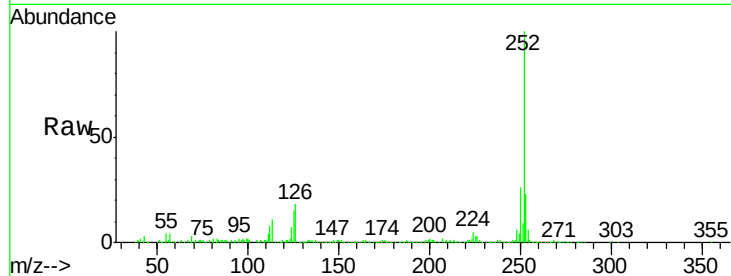




#88
Benzo(k)fluoranthene
Concen: 46.39 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

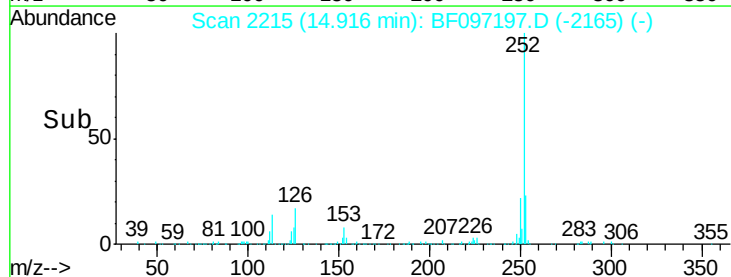
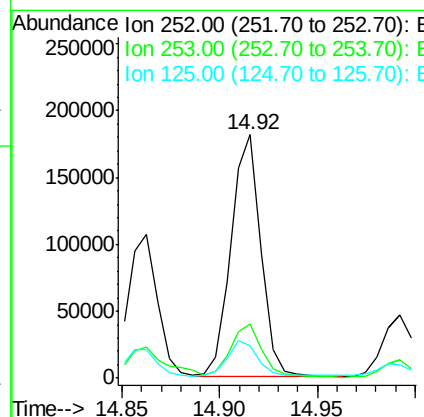
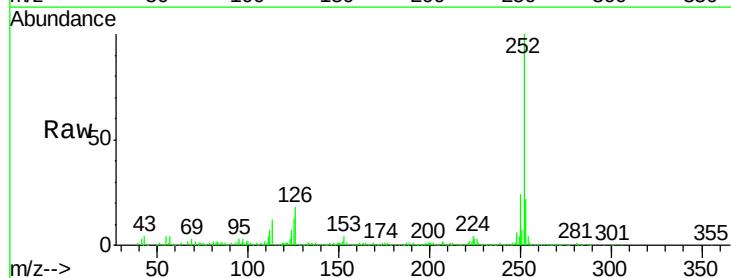
Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

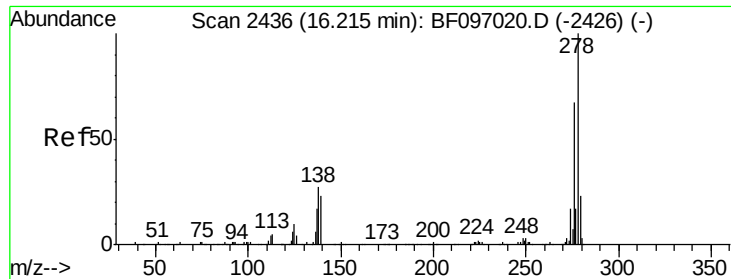
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	15.1	13.1	19.7



#89
Benzo(a)pyrene
Concen: 25.74 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	13.5	11.0	16.4

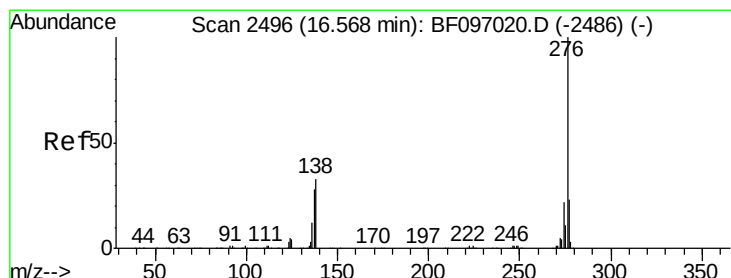
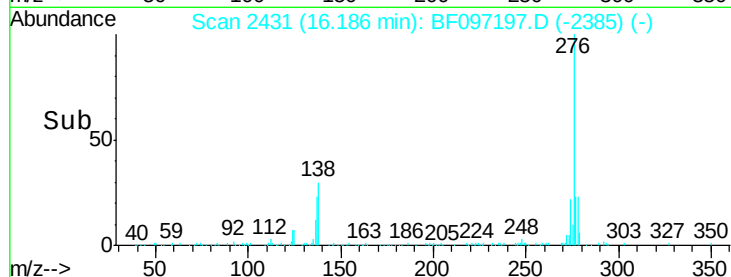
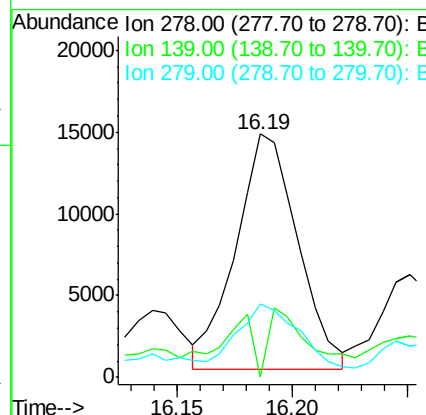
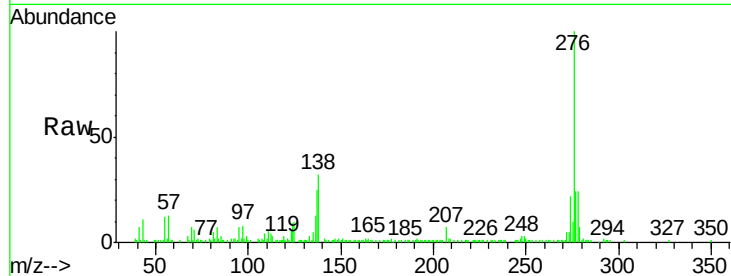




#90
Dibenzo(a,h)anthracene
Concen: 4.40 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.03 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tot Ion:278 Resp: 26879
Ion Ratio Lower Upper
278 100
139 0.0 16.6 24.8#
279 30.0 19.3 28.9#



#91
Benzo(g,h,i)perylene
Concen: 13.85 ng
RT: 16.55 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:276 Resp: 88633
Ion Ratio Lower Upper
276 100
277 25.4 18.6 28.0
138 31.9 25.4 38.0

