

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097455.D
 Acq On : 8 Aug 2017 4:09
 Operator : SJ/JU
 Sample : I4610-04DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-BDL

Quant Time: Aug 08 04:53:38 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	6.41	152	91234	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	387919	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	126194	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	206399	20.00	ng	0.00
75) Chrysene-d12	13.54	240	181673	20.00	ng	0.00
86) Perylene-d12	14.87	264	133311	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	66193	10.94	ng	0.01
7) Phenol-d6	6.09	99	94208	13.64	ng	0.00
23) Nitrobenzene-d5	6.99	82	46858	7.09	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	11652	11.69	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	93478	12.57	ng	0.00
78) Terphenyl-d14	12.49	244	58901	6.61	ng	-0.01

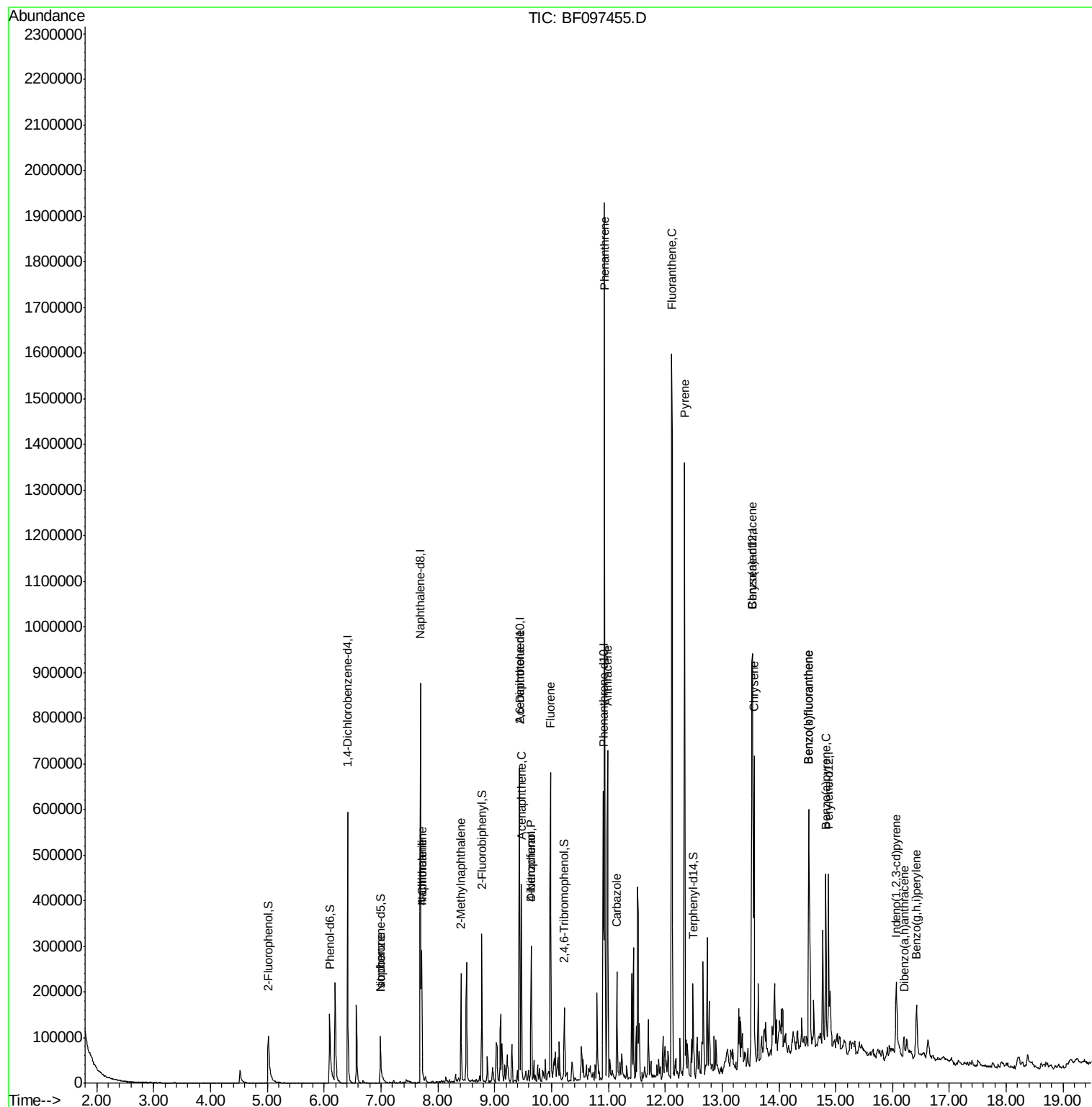
Target Compounds						Qvalue
25) Isophorone	6.99	82	46858	3.62	ng	# 67
31) Naphthalene	7.72	128	128793	7.04	ng	99
33) 4-Chloroaniline	7.72	127	17337	2.33	ng	# 32
37) 2-Methylnaphthalene	8.41	142	69995	6.05	ng	98
50) 2,6-Dinitrotoluene	9.43	165	18103	8.91	ng	# 35
51) Acenaphthene	9.47	154	88222	12.30	ng	97
54) Dibenzofuran	9.64	168	109714	11.49	ng	97
55) 4-Nitrophenol	9.64	139	41705	27.80	ng	# 27
57) Fluorene	9.98	166	178314	24.84	ng	99
70) Phenanthrene	10.93	178	776751	70.24	ng	99
71) Anthracene	10.99	178	266809	23.56	ng	98
72) Carbazole	11.15	167	86650	7.78	ng	96
74) Fluoranthene	12.12	202	663247	61.22	ng	98
77) Pyrene	12.34	202	573328	38.55	ng	99
80) Benzo(a)anthracene	13.53	228	290756	24.73	ng	99
82) Chrysene	13.56	228	233055	20.30	ng	98
85) Indeno(1,2,3-cd)pyrene	16.07	276	77318	7.86	ng	97
87) Benzo(b)fluoranthene	14.53	252	306352	38.23	ng	# 97
88) Benzo(k)fluoranthene	14.53	252	306352	40.12	ng	99
89) Benzo(a)pyrene	14.83	252	152303	20.77	ng	99
90) Dibenzo(a,h)anthracene	16.20	278	15875	2.64	ng	98
91) Benzo(g,h,i)perylene	16.42	276	73087	11.59	ng	93

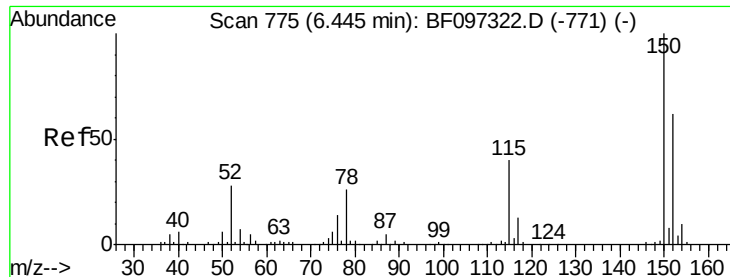
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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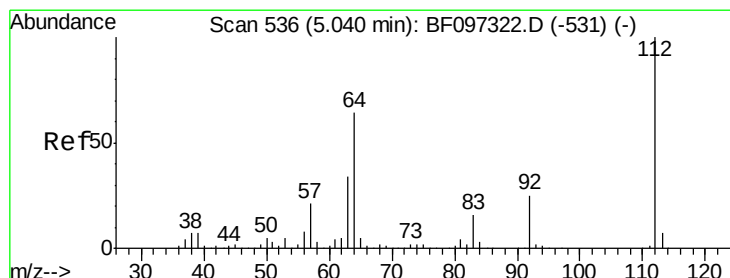
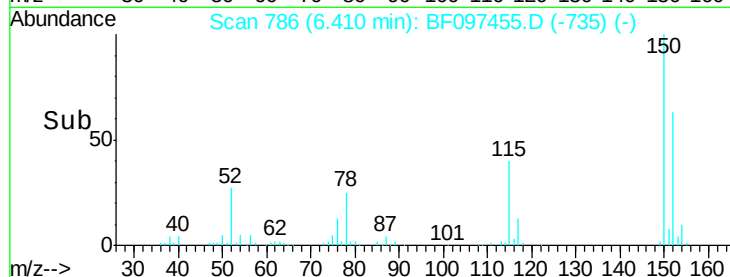
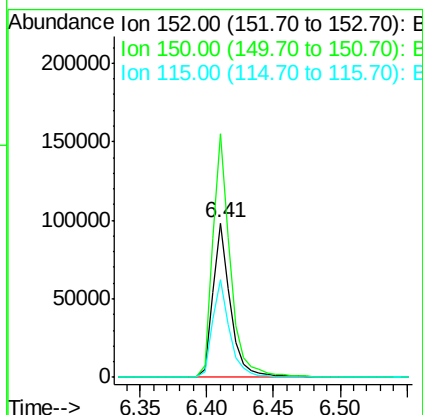
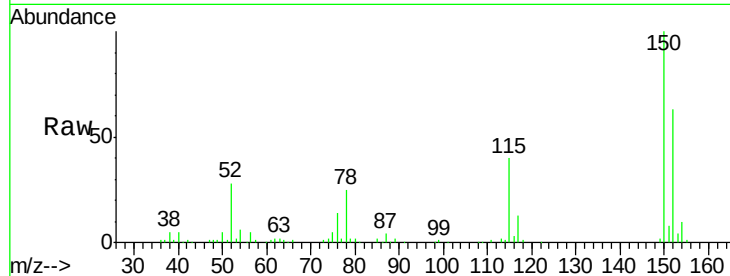


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-BDL

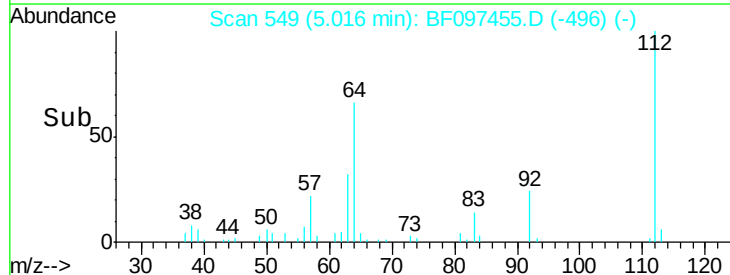
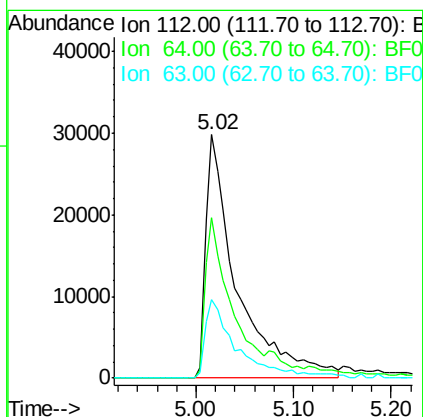
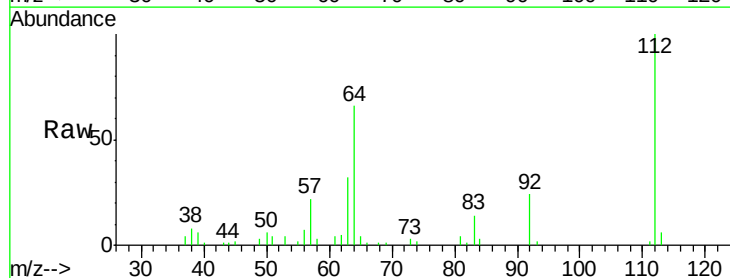
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	63.6	52.2	78.2

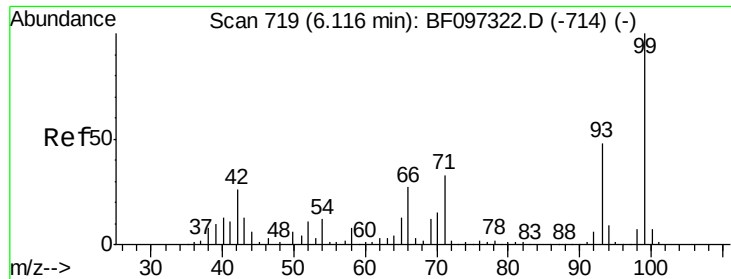


#5

2-Fluorophenol
 Concen: 10.94 ng
 RT: 5.02 min Scan# 549
 Delta R.T. 0.01 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	32.2	23.4	35.0





#7

Phenol-d6

Concen: 13.64 ng

RT: 6.09 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097455.D

Acq: 8 Aug 2017 4:09

Instrument :

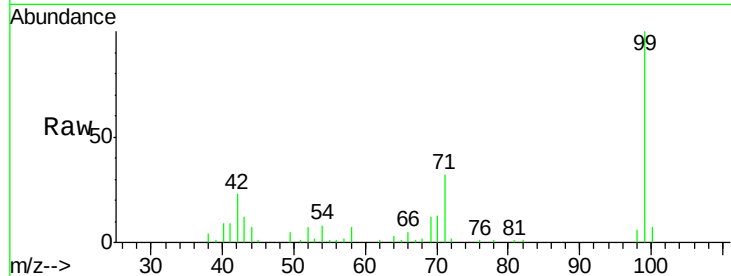
BNA_F

ClientSampleId :

PL-02-080317-BDL

Tot Ion: 99 Resp: 94208

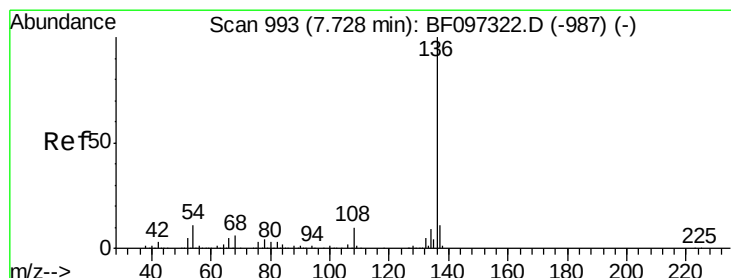
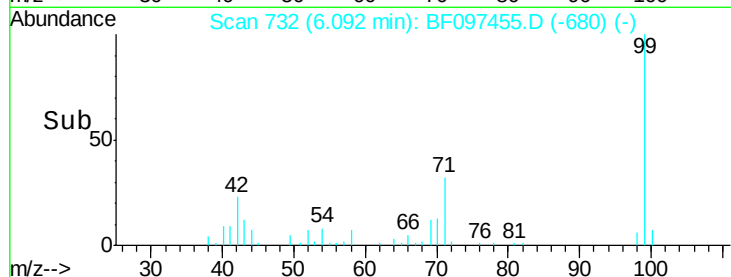
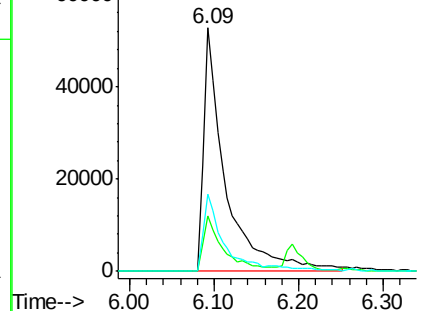
Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	31.6	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 1004

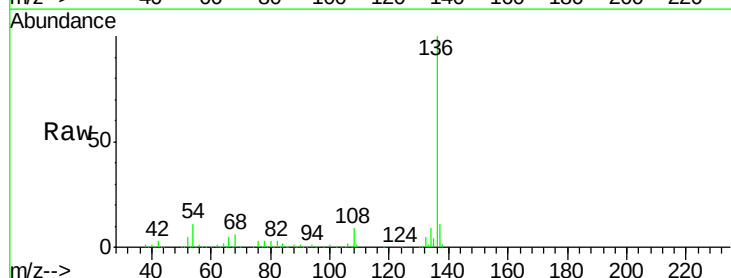
Delta R.T. -0.01 min

Lab File: BF097455.D

Acq: 8 Aug 2017 4:09

Tgt Ion: 136 Resp: 387919

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.1	4.9	7.3#
68	5.7	4.1	6.1

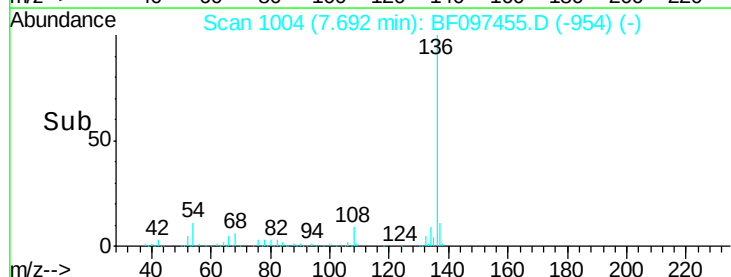
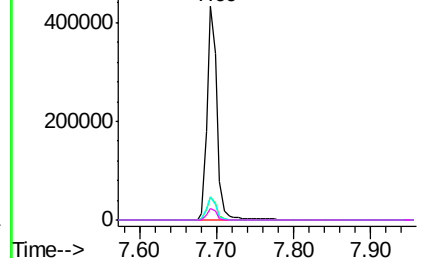


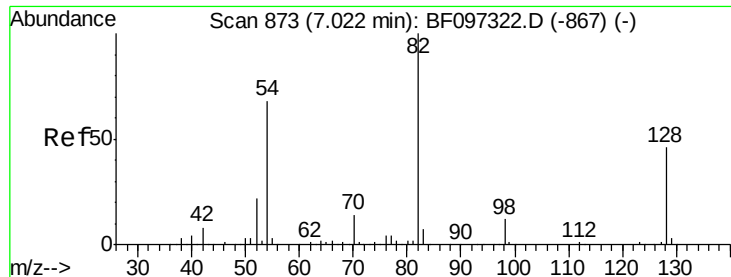
Abundance Ion 136.00 (135.70 to 136.70): E

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

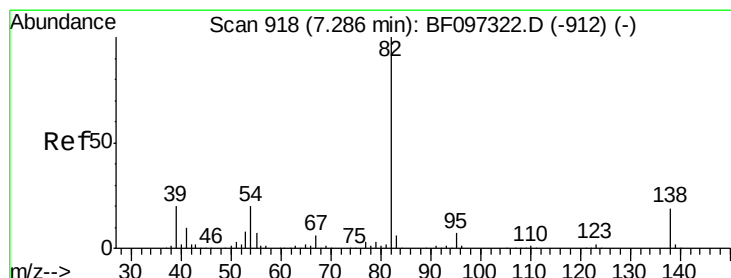
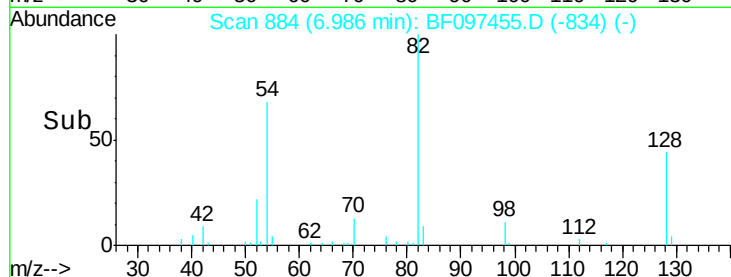
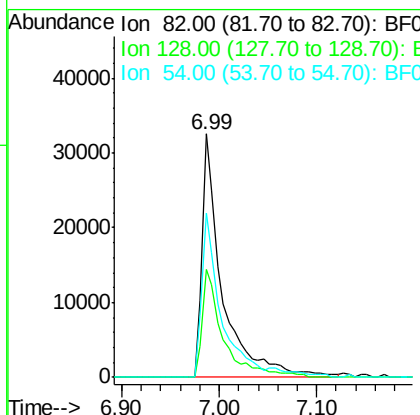
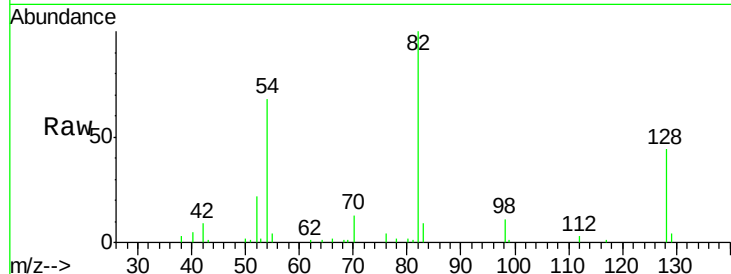




#23
 Nitrobenzene-d5
 Concen: 7.09 na
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

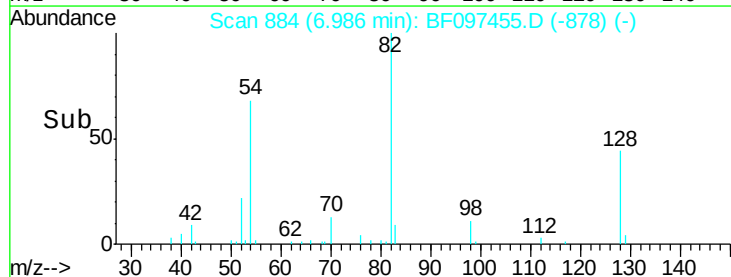
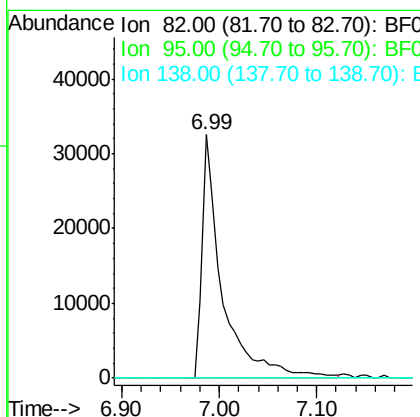
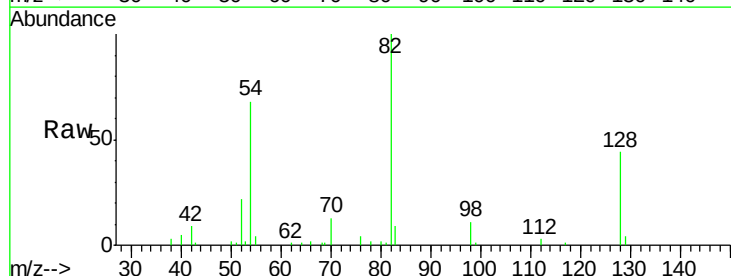
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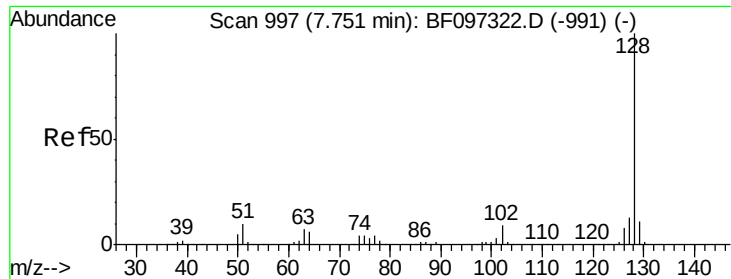
Tot Ion: 82 Resp: 46858
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.0 51.0
 54 67.7 42.2 63.2#



#25
 Isophorone
 Concen: 3.62 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

Tgt Ion: 82 Resp: 46858
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

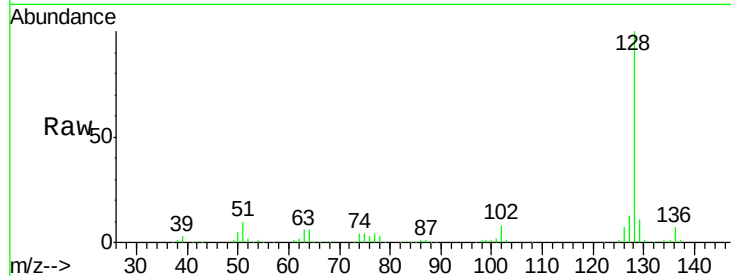




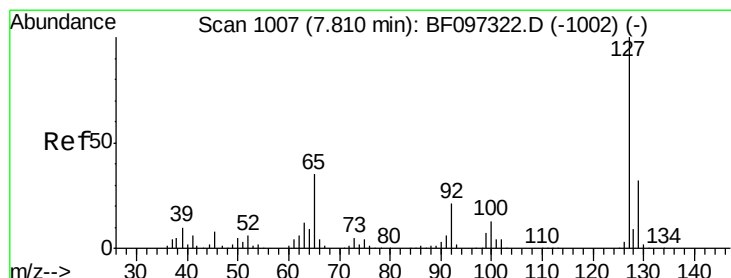
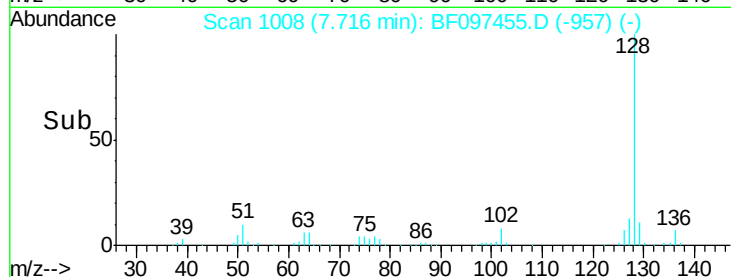
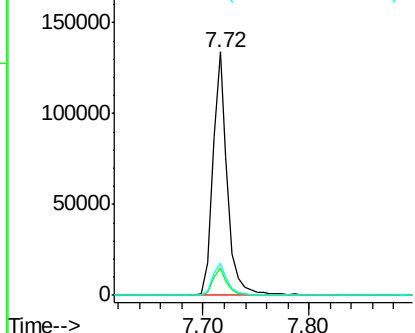
#31
Naphthalene
Concen: 7.04 ng
RT: 7.72 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-BDL

Tot Ion:128 Resp: 128793
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.2 10.8 16.2

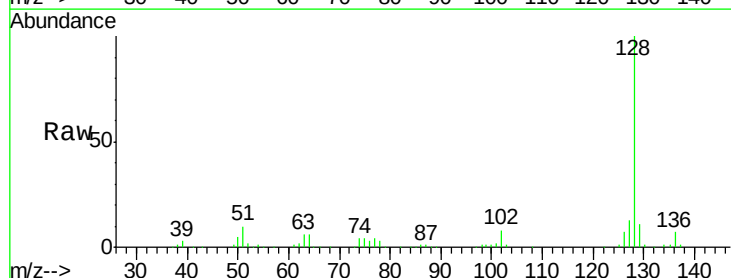


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

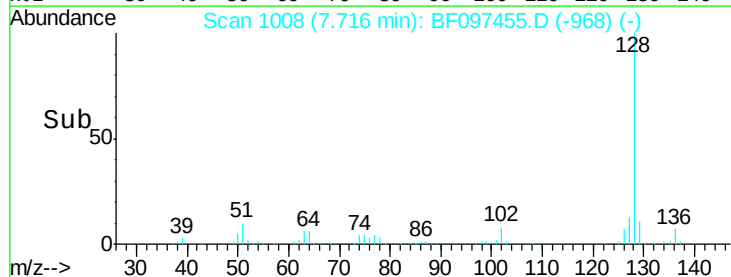
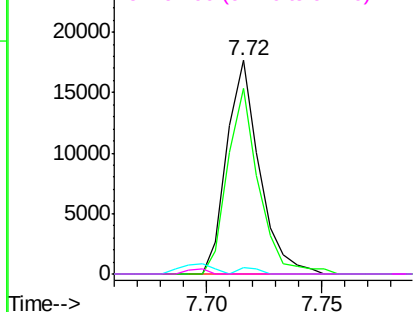


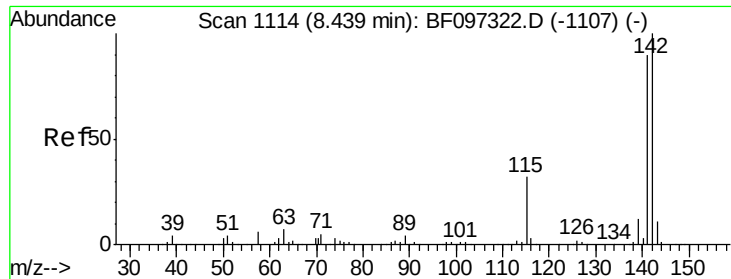
#33
4-Chloroaniline
Concen: 2.33 ng
RT: 7.72 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

Tgt Ion:127 Resp: 17337
Ion Ratio Lower Upper
127 100
129 86.7 26.2 39.2#
65 3.0 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

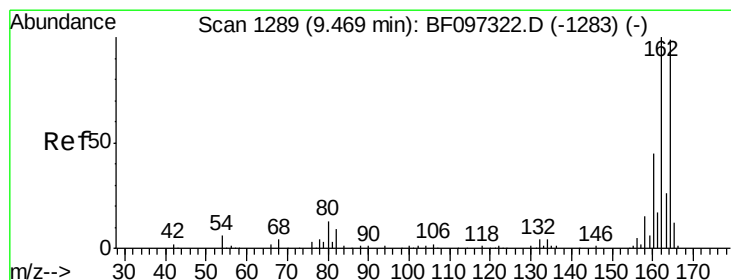
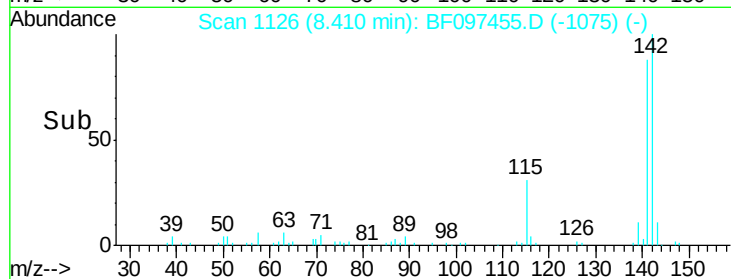
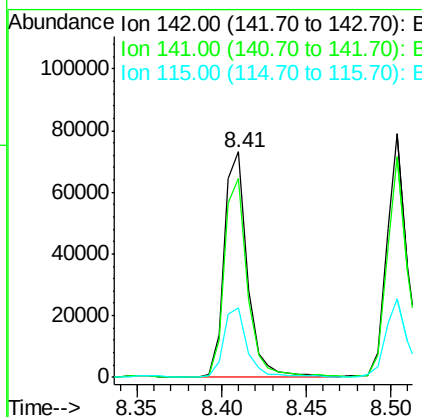
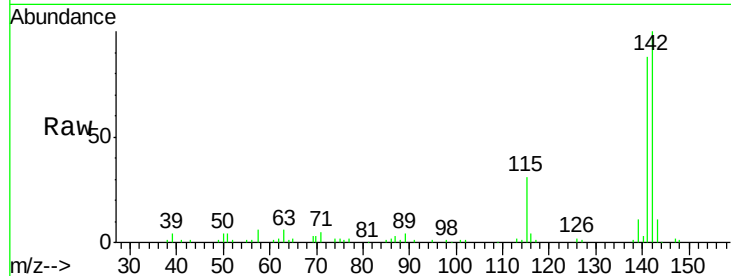




#37
2-Methylnaphthalene
Concen: 6.05 ng
RT: 8.41 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

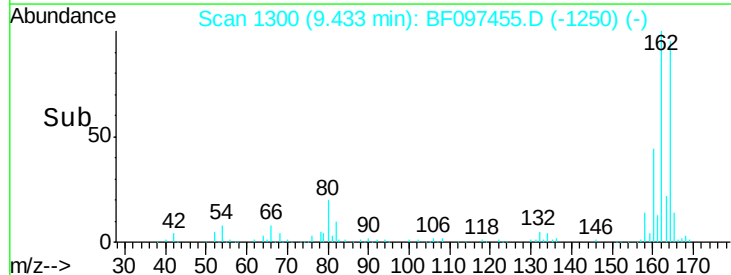
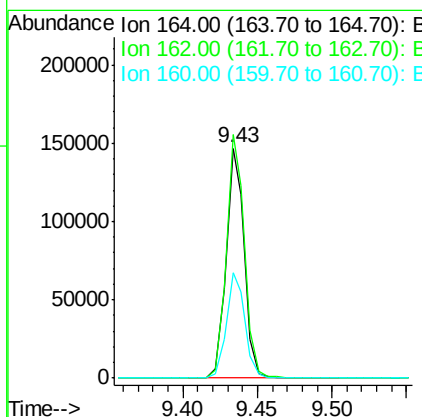
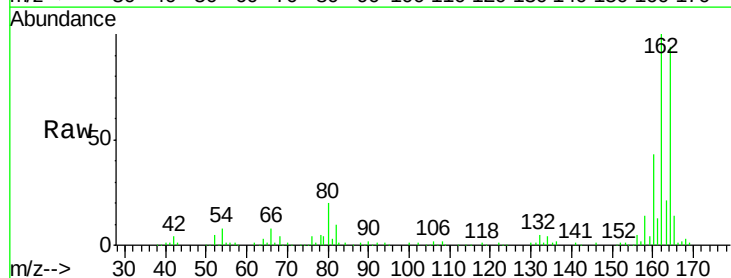
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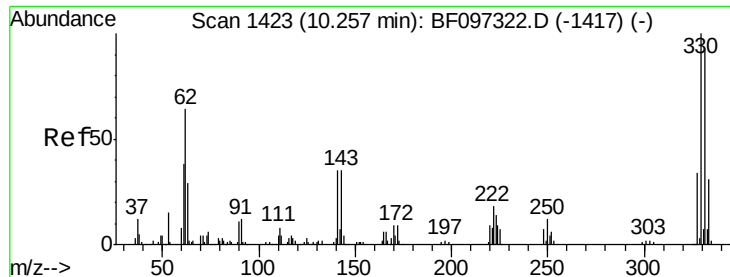
Tot Ion:142 Resp: 69995
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9
115 30.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

Tgt Ion:164 Resp: 126194
Ion Ratio Lower Upper
164 100
162 106.1 82.6 123.8
160 46.0 36.2 54.2

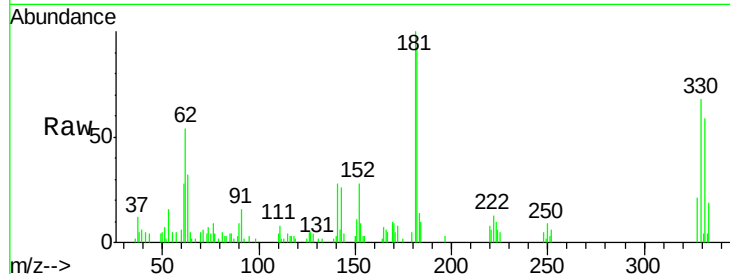




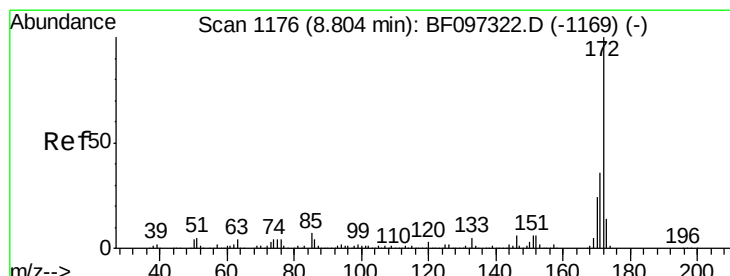
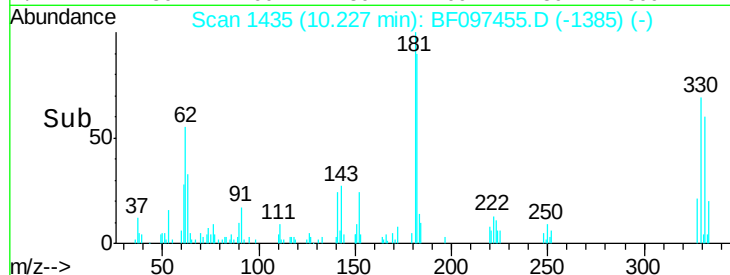
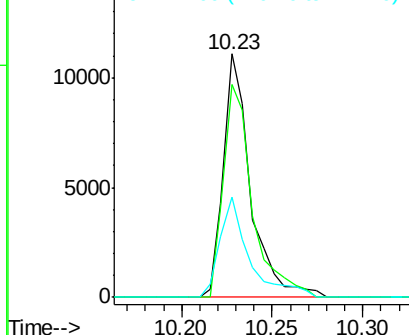
#41
 2,4,6-Tribromophenol
 Concen: 11.69 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-BDL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.6	115.0
141	44.3	31.4	47.2

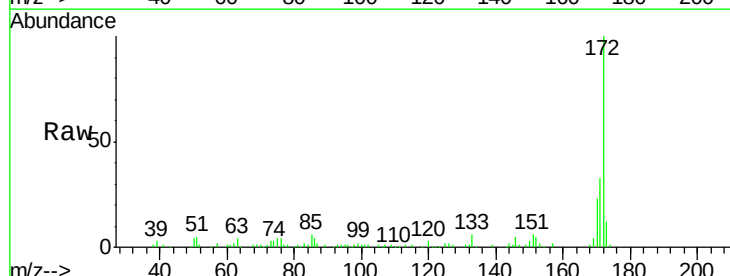


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

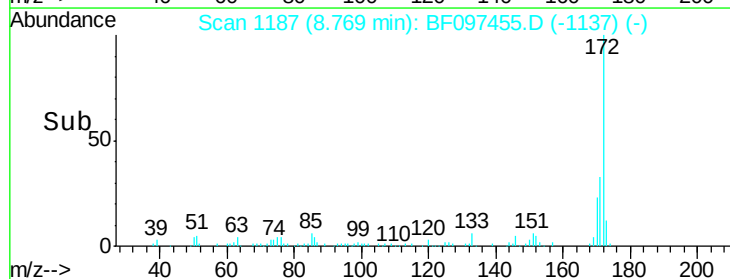
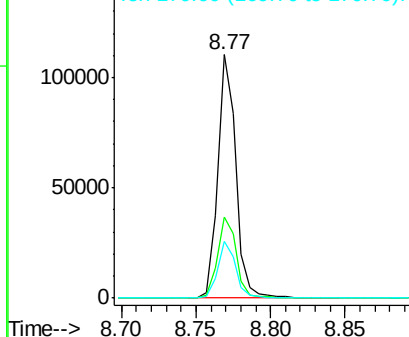


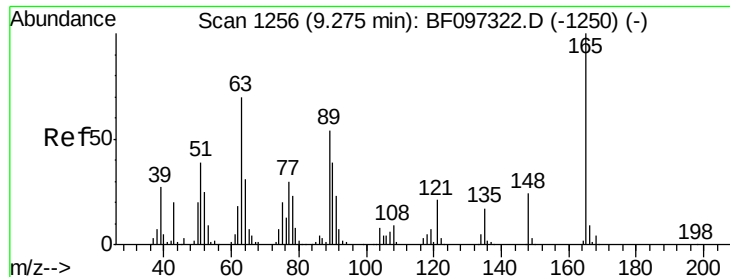
#44
 2-Fluorobiphenyl
 Concen: 12.57 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.6	44.4
170	23.2	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

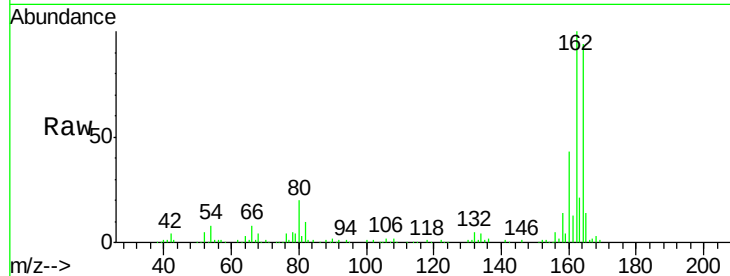




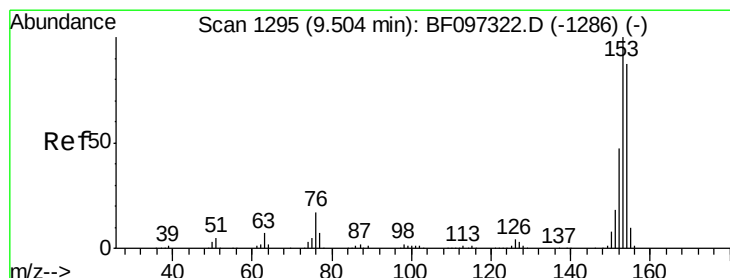
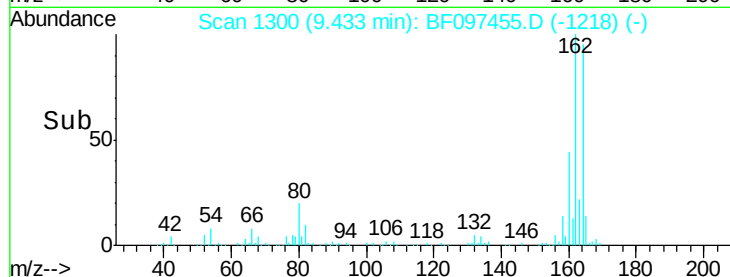
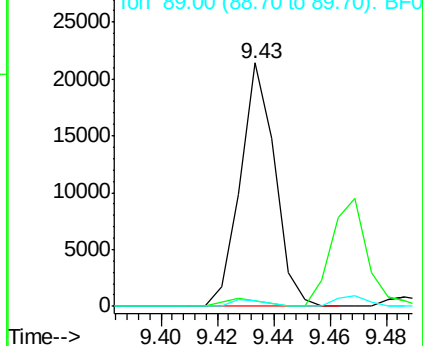
#50
 2,6-Dinitrotoluene
 Concen: 8.91 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. 0.18 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-BDL

Tot Ion:165 Resp: 18103
 Ion Ratio Lower Upper
 165 100
 63 2.3 34.3 51.5#
 89 2.4 37.1 55.7#

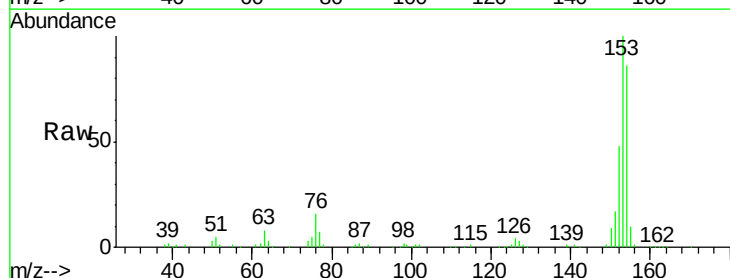


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

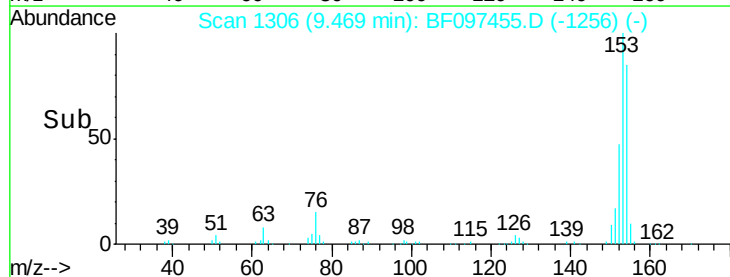
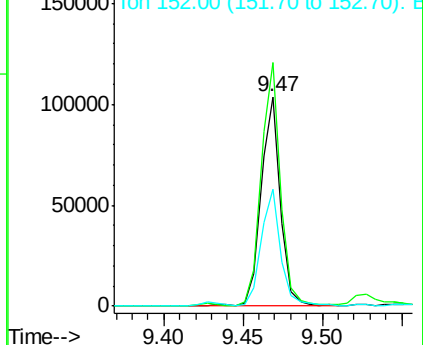


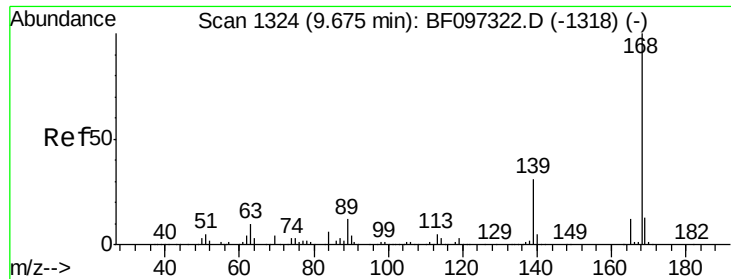
#51
 Acenaphthene
 Concen: 12.30 ng
 RT: 9.47 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

Tgt Ion:154 Resp: 88222
 Ion Ratio Lower Upper
 154 100
 153 116.3 90.5 135.7
 152 55.6 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

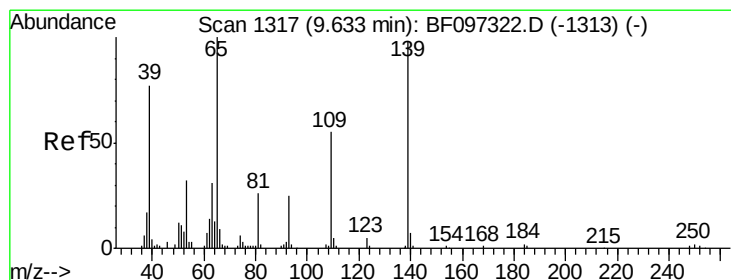
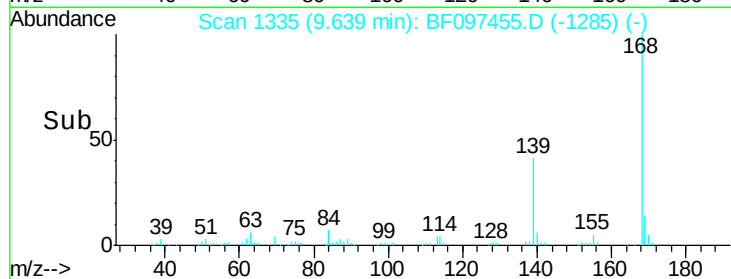
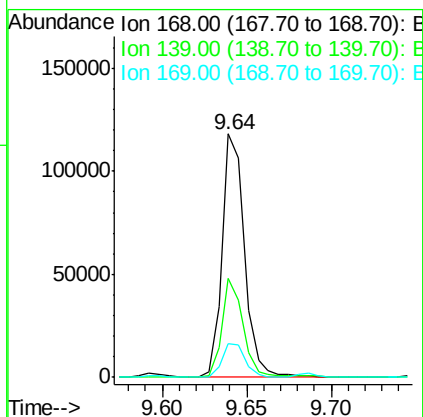
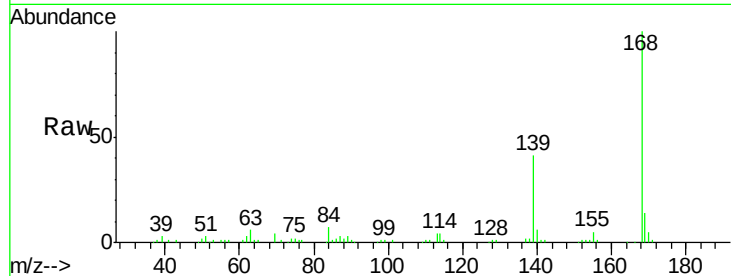




#54
Dibenzofuran
Concen: 11.49 ng
RT: 9.64 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

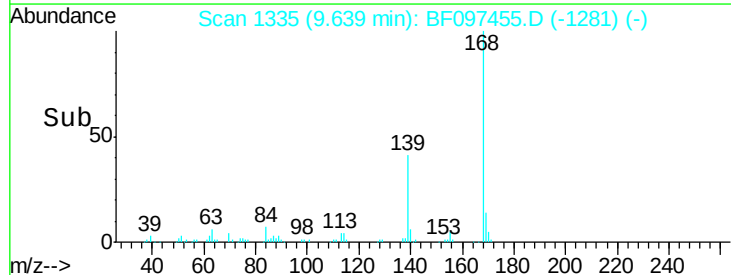
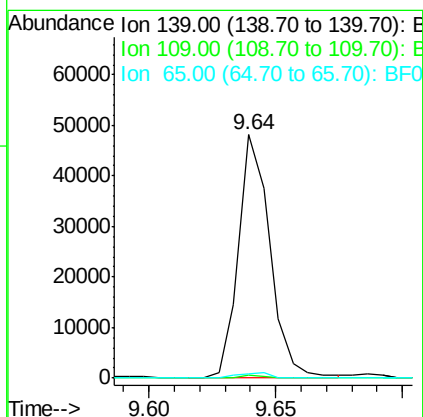
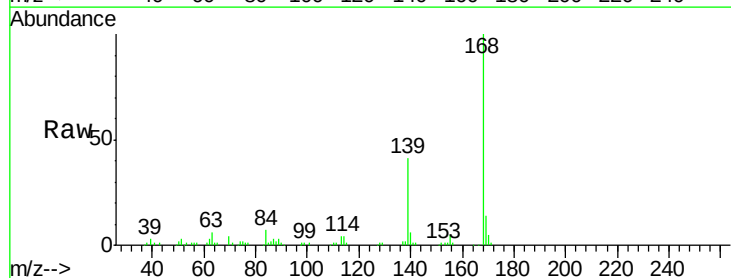
Instrument :
BNA_F
ClientSampleId :
PL-02-080317-BDL

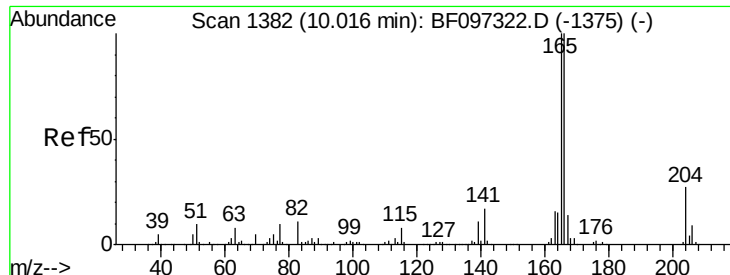
Tot Ion:168 Resp: 109714
Ion Ratio Lower Upper
168 100
139 40.8 30.6 45.8
169 14.0 10.8 16.2



#55
4-Nitrophenol
Concen: 27.80 ng
RT: 9.64 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

Tgt Ion:139 Resp: 41705
Ion Ratio Lower Upper
139 100
109 1.0 34.1 74.1#
65 1.7 31.4 71.4#

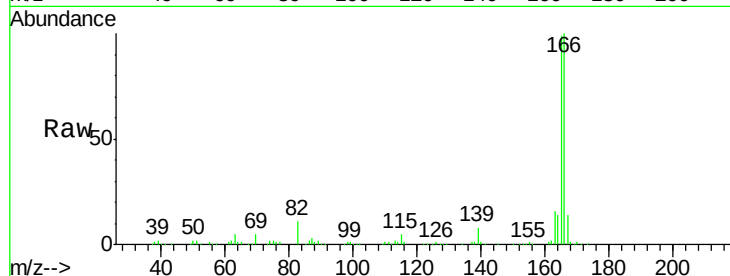




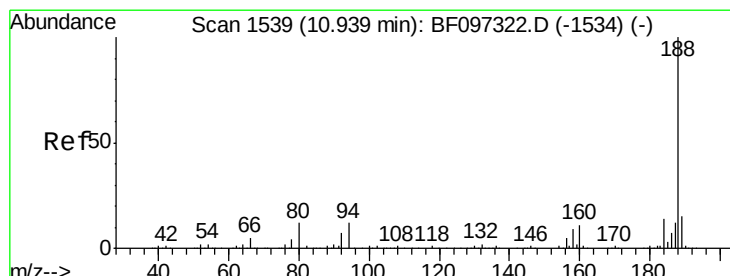
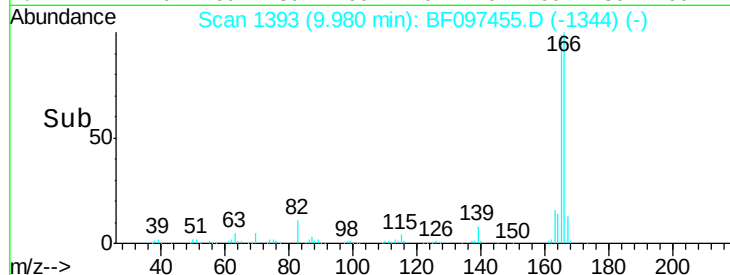
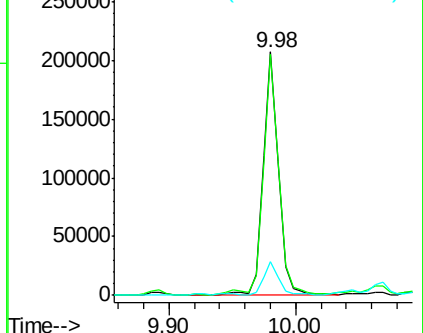
#57
Fluorene
 Concen: 24.84 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-BDL

Tot Ion:166 Resp: 178314
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 13.6 10.6 16.0

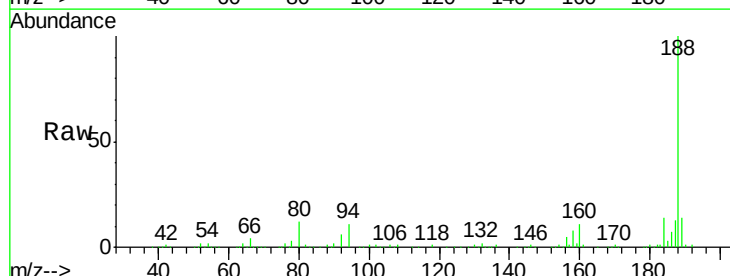


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

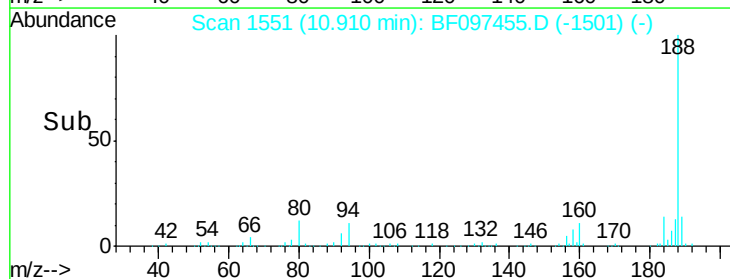
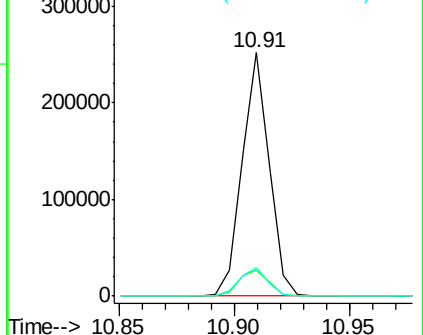


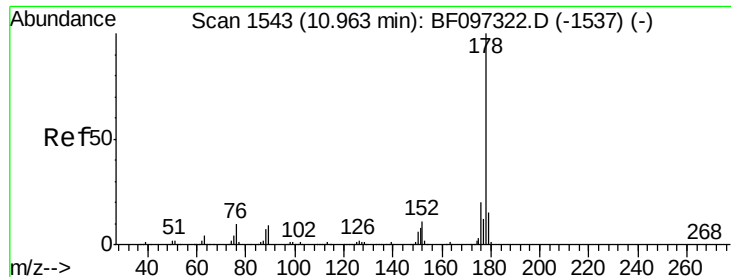
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

Tgt Ion:188 Resp: 206399
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 11.6 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





#70

Phenanthrene

Concen: 70.24 ng

RT: 10.93 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF097455.D

Acq: 8 Aug 2017 4:09

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-BDL

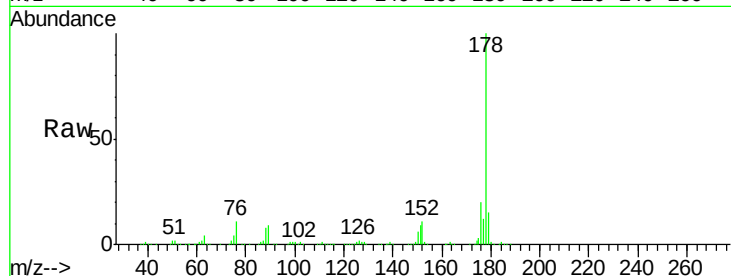
Tot Ion:178 Resp: 776751

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

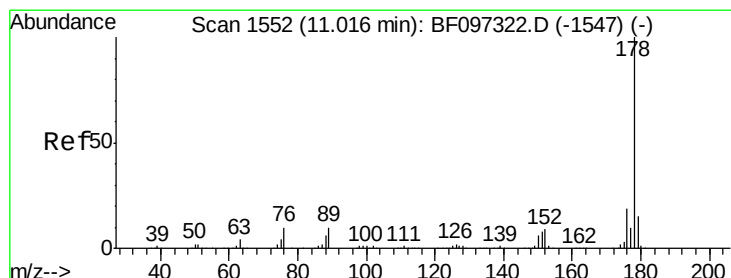
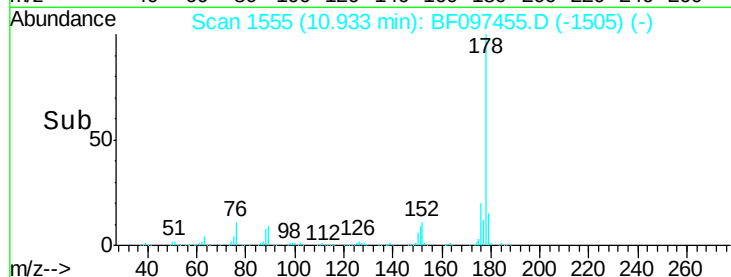
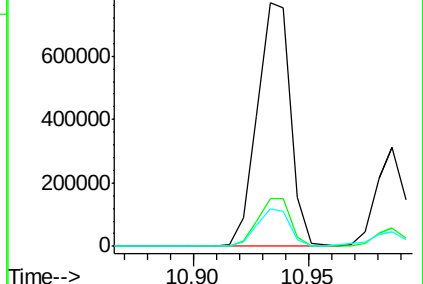
179 15.4 12.6 19.0



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: 23.56 ng

RT: 10.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF097455.D

Acq: 8 Aug 2017 4:09

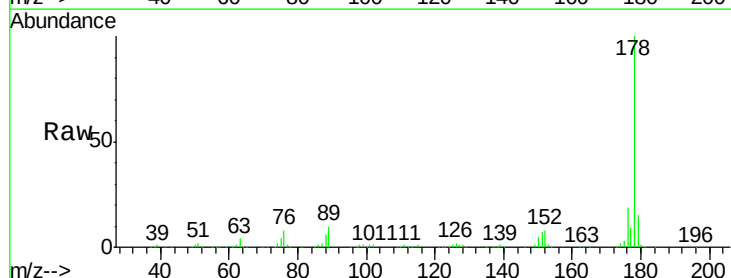
Tgt Ion:178 Resp: 266809

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

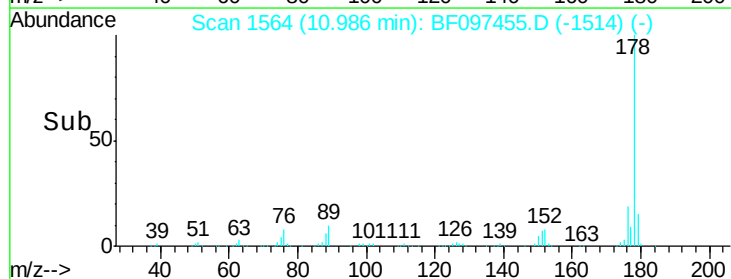
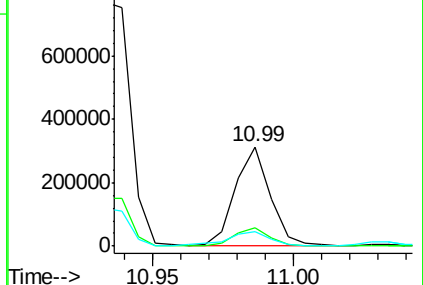
179 14.9 12.7 19.1

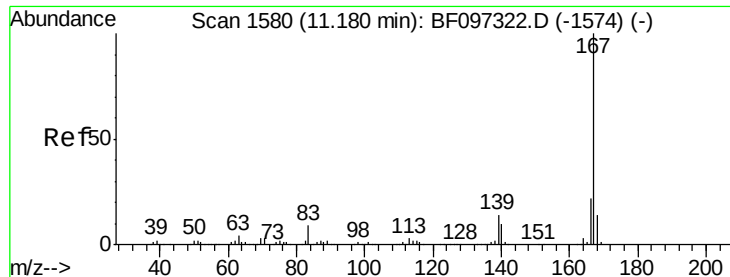


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

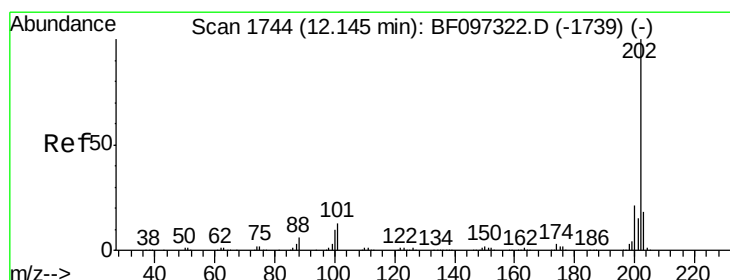
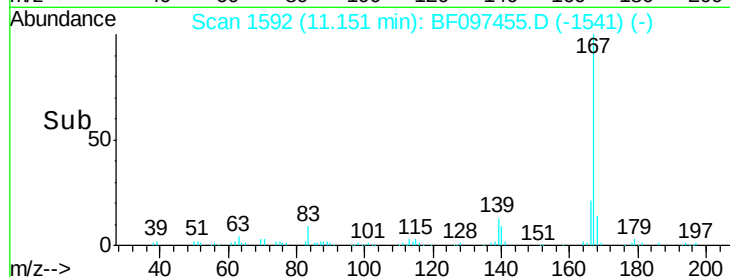
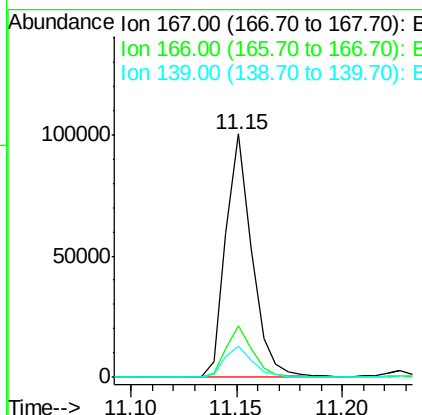
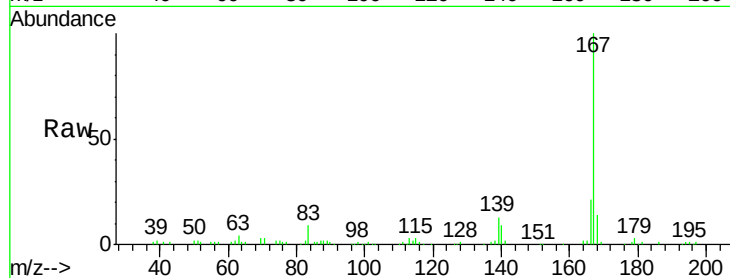




#72
 Carbazole
 Concen: 7.78 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

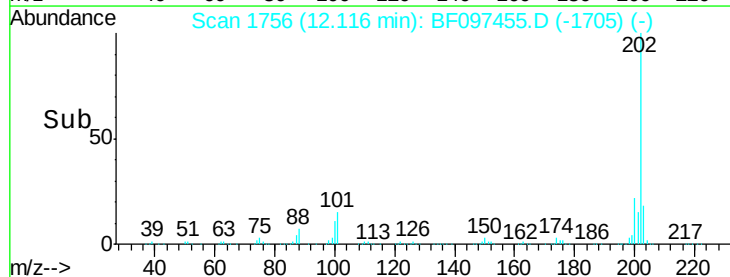
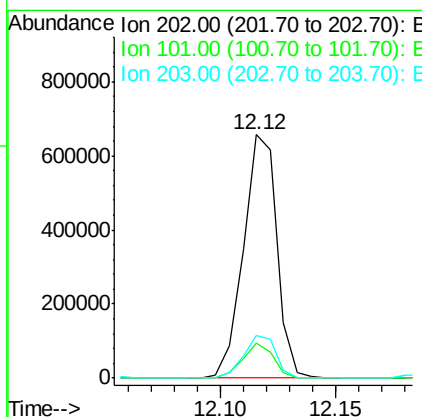
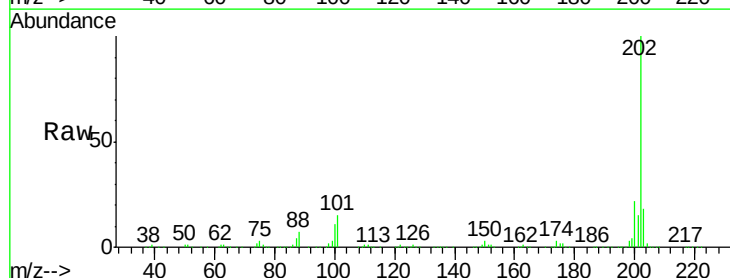
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-BDL

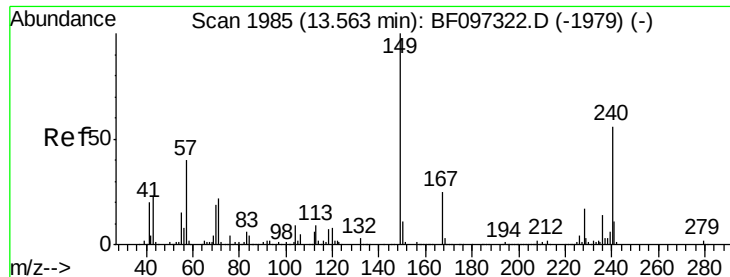
Tot Ion:167 Resp: 86650
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.1 27.1
 139 12.6 11.7 17.5



#74
 Fluoranthene
 Concen: 61.22 ng
 RT: 12.12 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF097455.D
 Acq: 8 Aug 2017 4:09

Tgt Ion:202 Resp: 663247
 Ion Ratio Lower Upper
 202 100
 101 14.6 0.0 33.2
 203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.54 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF097455.D

Acq: 8 Aug 2017 4:09

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-BDL

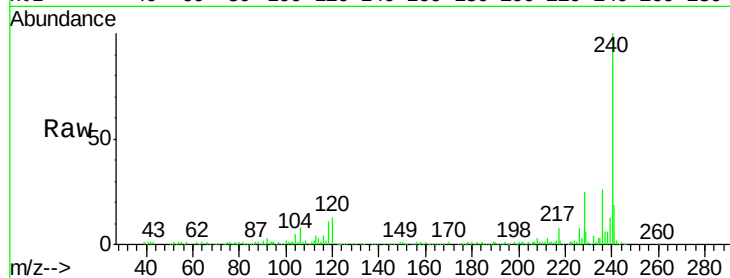
Tot Ion:240 Resp: 181673

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

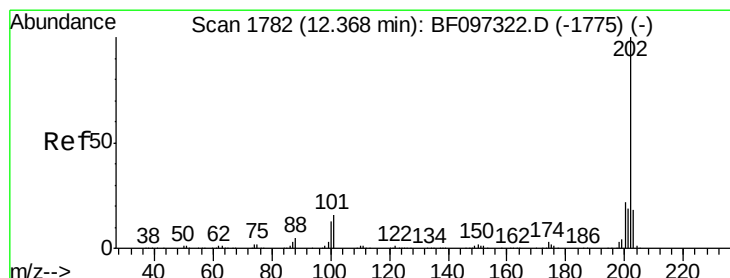
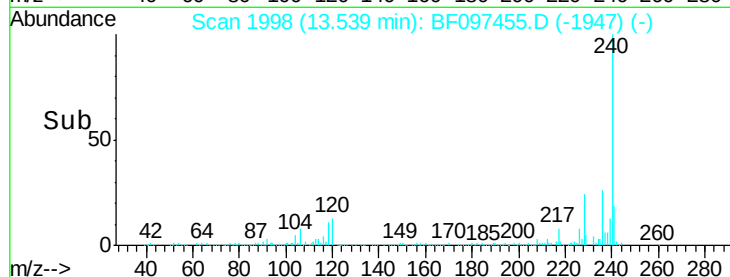
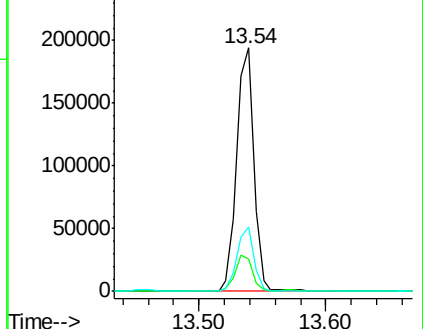
236 26.2 20.5 30.7



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: 38.55 ng

RT: 12.34 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF097455.D

Acq: 8 Aug 2017 4:09

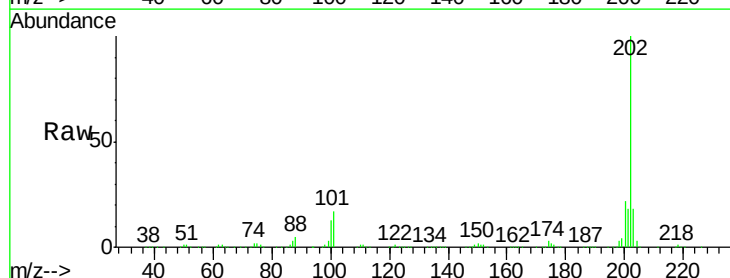
Tgt Ion:202 Resp: 573328

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

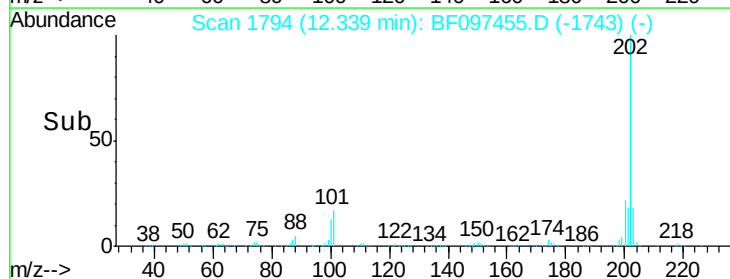
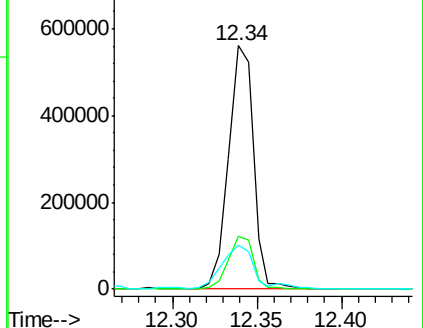
203 18.1 14.4 21.6

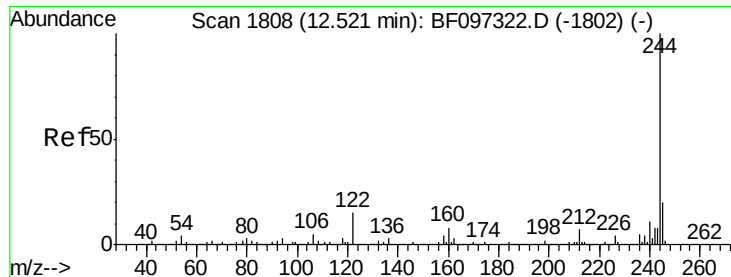


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 6.61 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097455.D

Acq: 8 Aug 2017 4:09

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-BDL

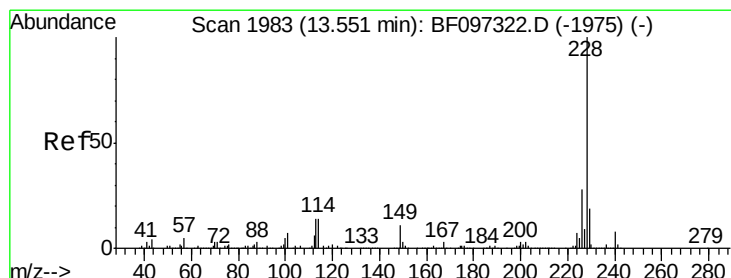
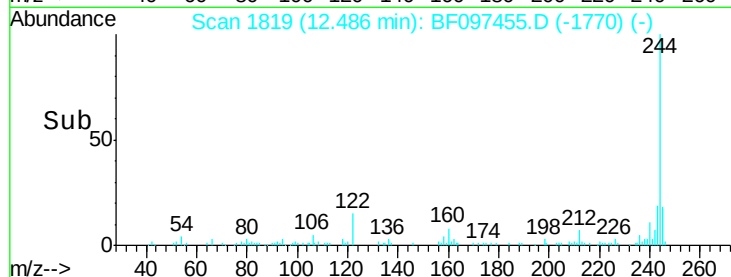
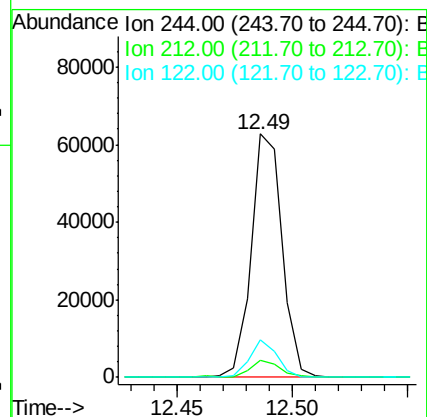
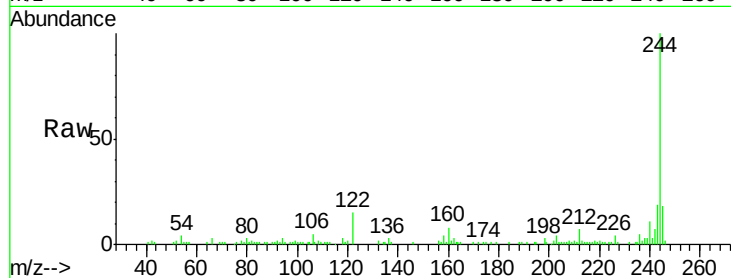
Tot Ion:244 Resp: 58901

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 15.4 10.3 15.5



#80

Benzo(a)anthracene

Concen: 24.73 ng

RT: 13.53 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF097455.D

Acq: 8 Aug 2017 4:09

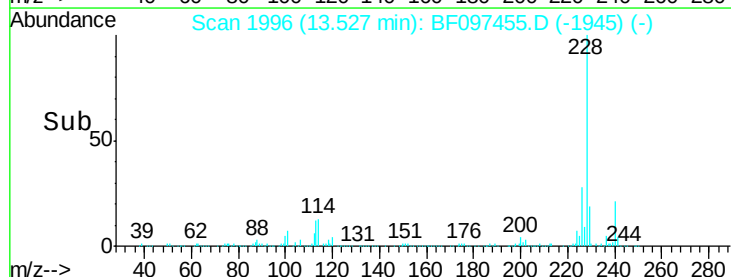
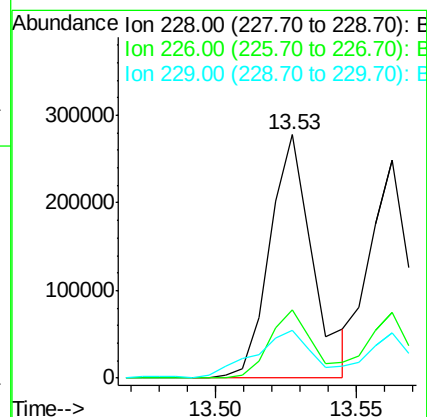
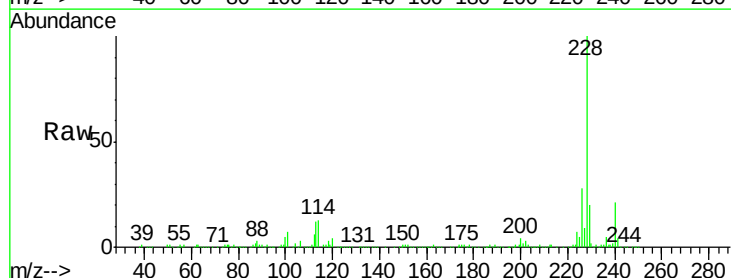
Tgt Ion:228 Resp: 290756

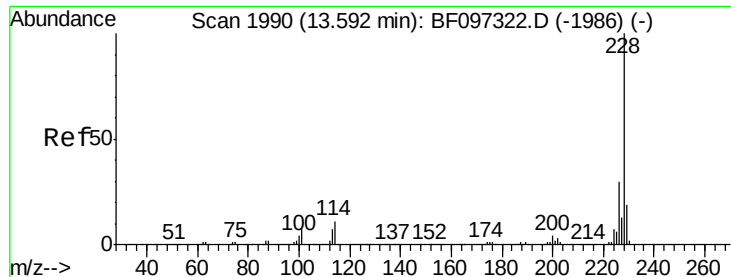
Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

229 19.5 16.3 24.5

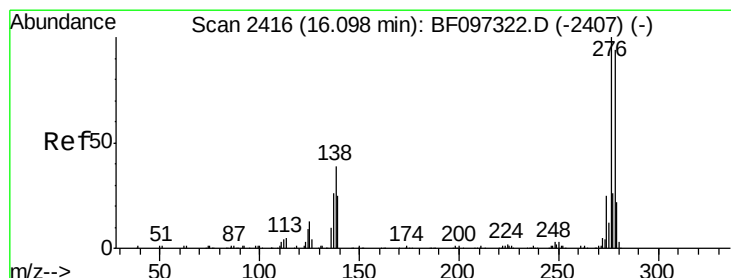
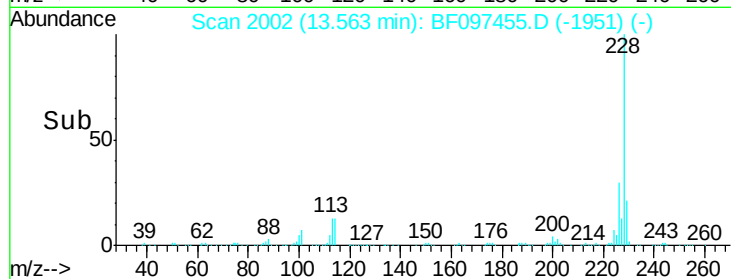
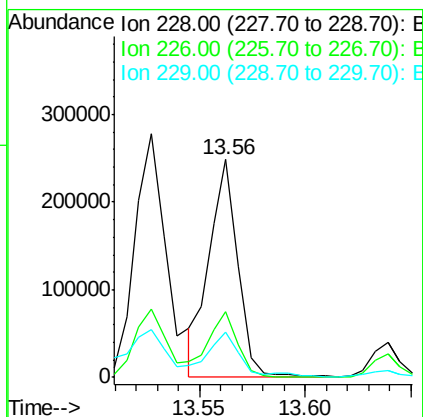
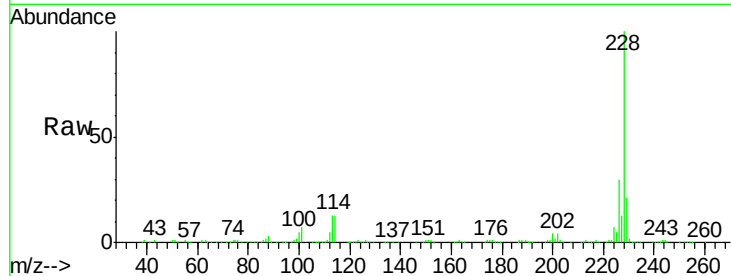




#82
Chrysene
Concen: 20.30 ng
RT: 13.56 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

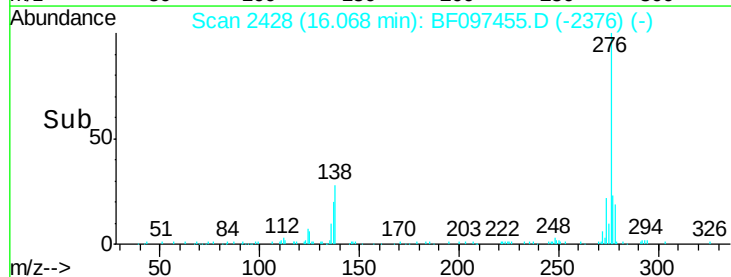
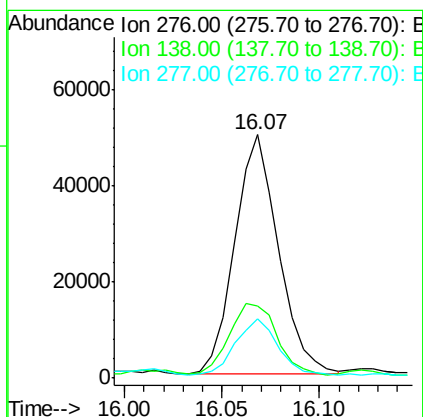
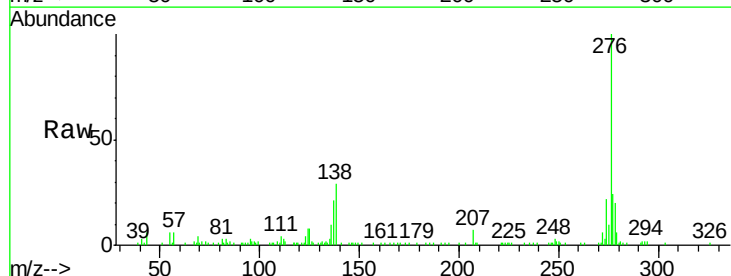
Instrument :
BNA_F
ClientSampleId :
PL-02-080317-BDL

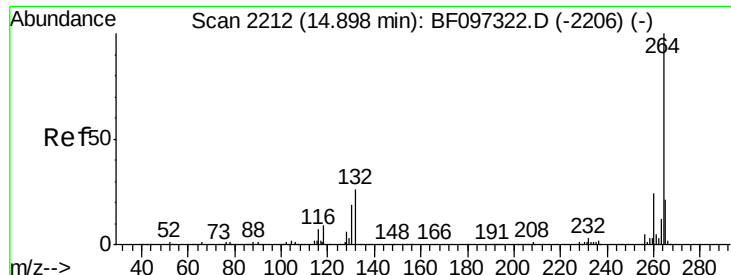
Tot Ion:228 Resp: 233055
Ion Ratio Lower Upper
228 100
226 30.4 24.9 37.3
229 21.1 15.8 23.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 7.86 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

Tgt Ion:276 Resp: 77318
Ion Ratio Lower Upper
276 100
138 33.3 27.8 41.6
277 22.9 20.2 30.4

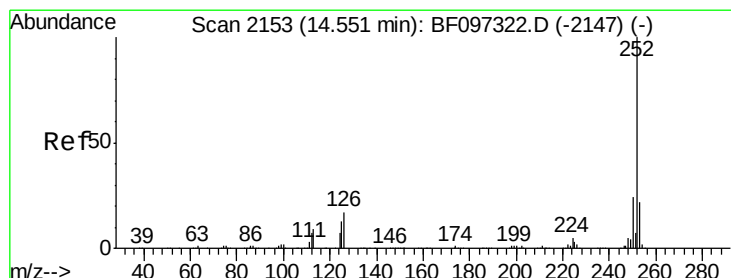
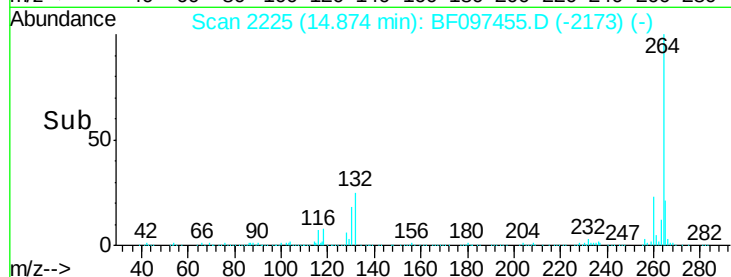
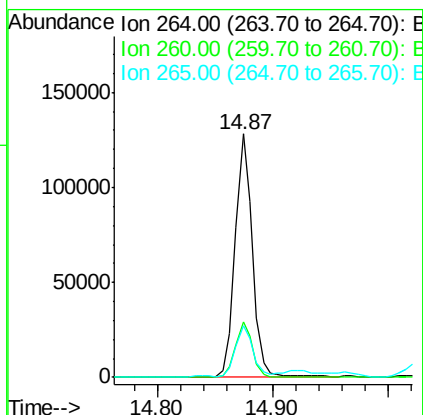
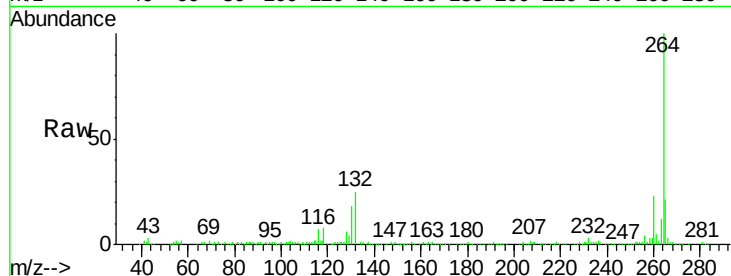




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

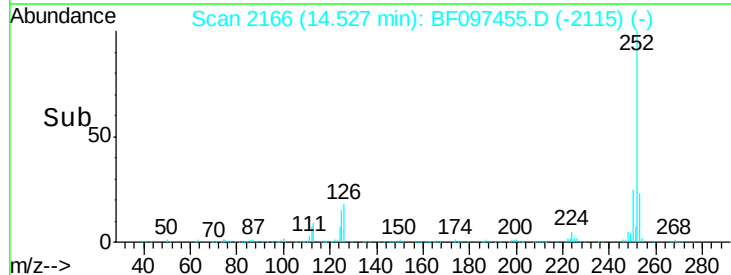
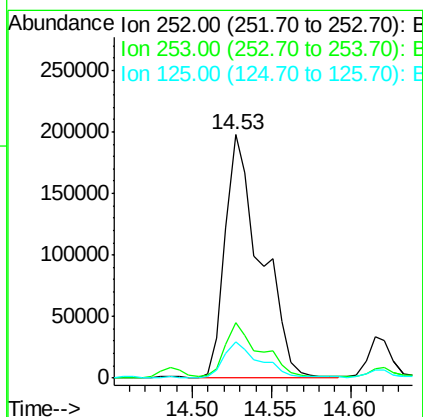
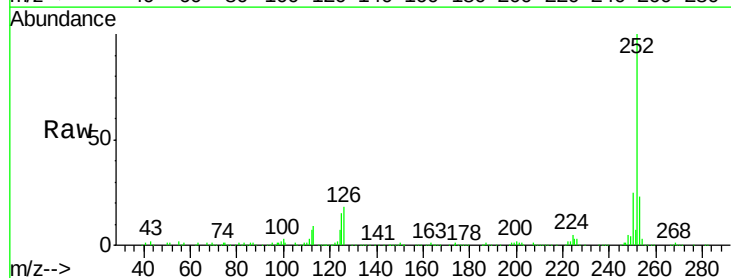
Instrument :
BNA_F
ClientSampleId :
PL-02-080317-BDL

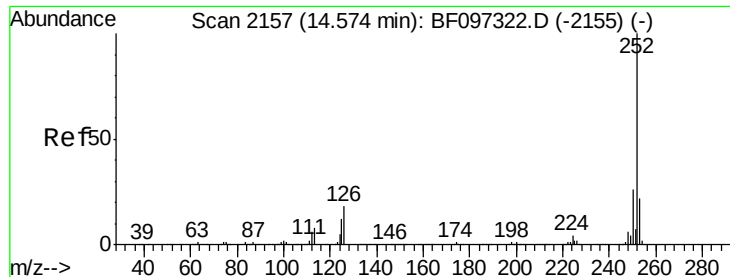
Tot Ion:264 Resp: 133311
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 38.23 ng
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

Tgt Ion:252 Resp: 306352
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 15.0 9.8 14.8#

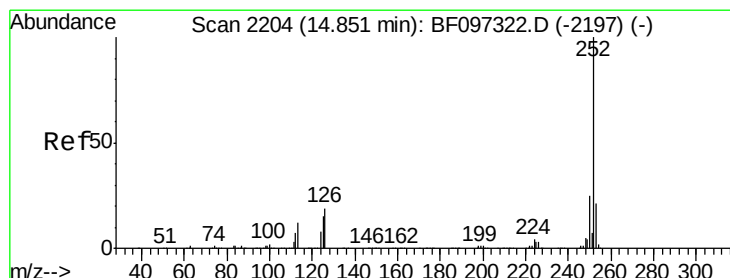
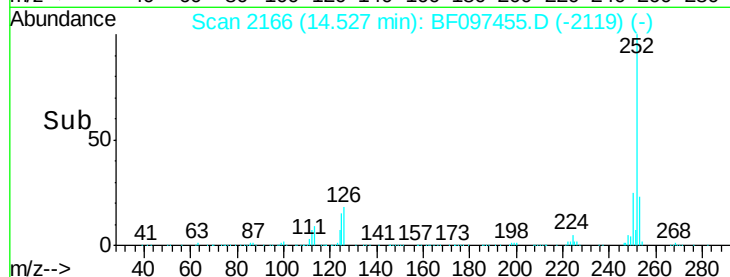
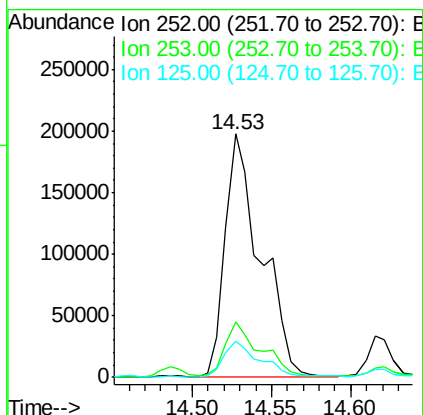
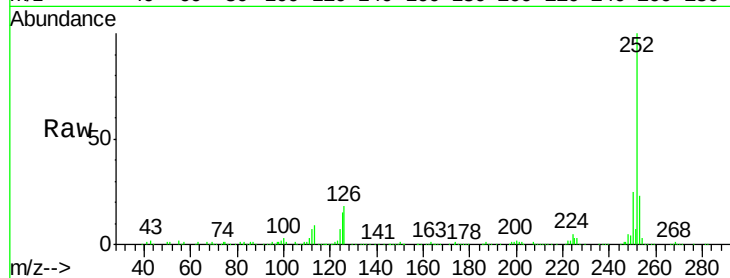




#88
Benzo(k)fluoranthene
Concen: 40.12 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

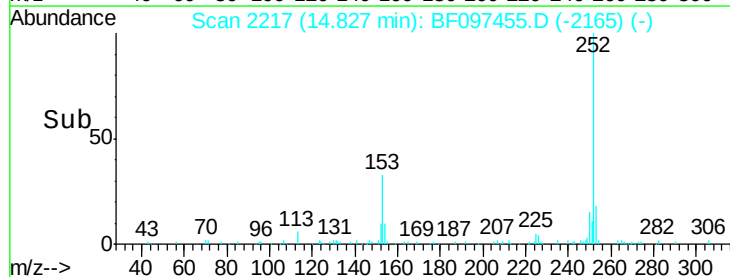
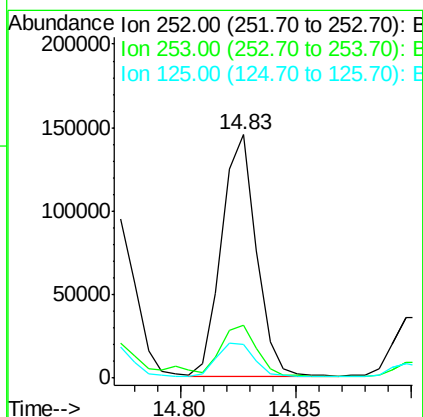
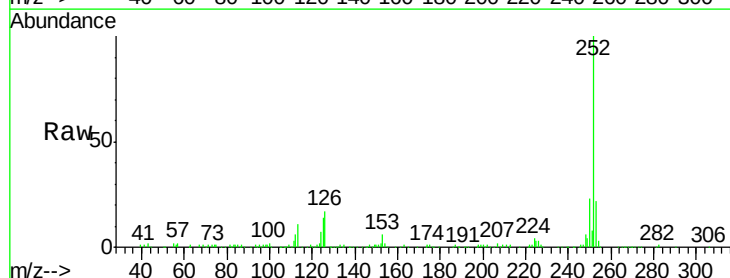
Instrument :
BNA_F
ClientSampleId :
PL-02-080317-BDL

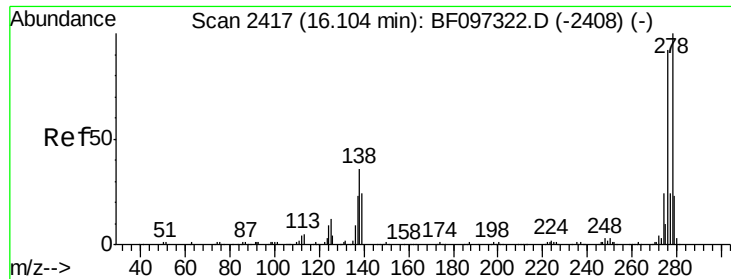
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	15.0	13.1	19.7



#89
Benzo(a)pyrene
Concen: 20.77 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097455.D
Acq: 8 Aug 2017 4:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.1	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 2.64 ng

RT: 16.20 min Scan# 2451

Delta R.T. 0.14 min

Lab File: BF097455.D

Acq: 8 Aug 2017 4:09

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-BDL

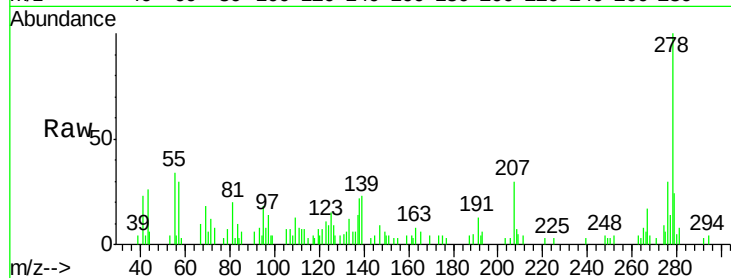
Tot Ion:278 Resp: 15875

Ion Ratio Lower Upper

278 100

139 22.8 16.6 24.8

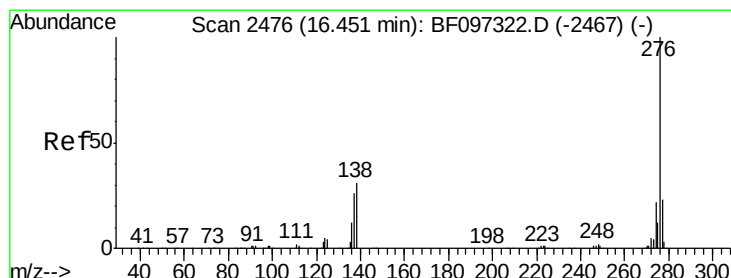
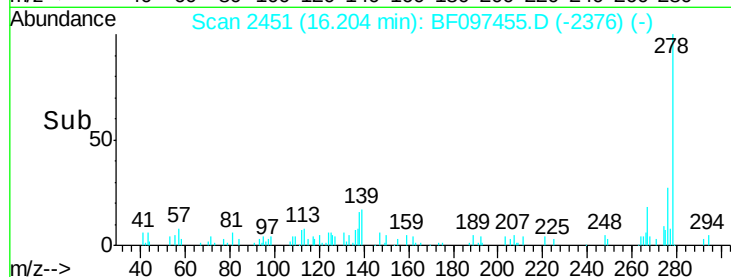
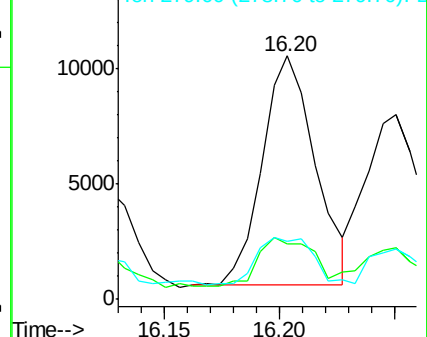
279 23.8 19.3 28.9



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: 11.59 ng

RT: 16.42 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF097455.D

Acq: 8 Aug 2017 4:09

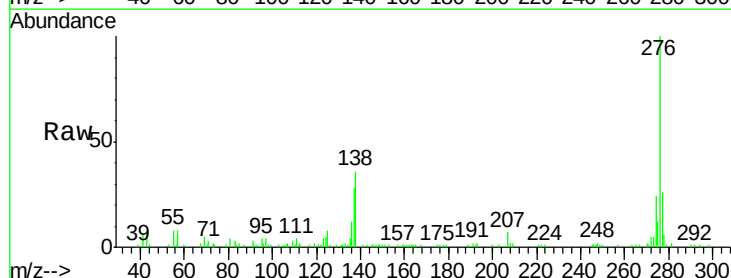
Tgt Ion:276 Resp: 73087

Ion Ratio Lower Upper

276 100

277 26.2 18.6 28.0

138 35.7 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

