

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097255.D
 Acq On : 2 Aug 2017 5:37
 Operator : SJ/JU
 Sample : I4471-22 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-ESW

Quant Time: Aug 02 07:13:50 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	6.46	152	103893	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	394033	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	126399	20.00	ng	-0.04
63) Phenanthrene-d10	10.97	188	199490	20.00	ng	-0.03
75) Chrysene-d12	13.62	240	145587	20.00	ng	0.00
86) Perylene-d12	14.96	264	150366	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	416379	60.42	ng	-0.03
7) Phenol-d6	6.13	99	441580	56.12	ng	-0.04
23) Nitrobenzene-d5	7.03	82	236492	35.21	ng	-0.05
41) 2,4,6-Tribromophenol	10.28	330	52898	52.97	ng	-0.04
44) 2-Fluorobiphenyl	8.82	172	326488	43.84	ng	-0.05
78) Terphenyl-d14	12.56	244	236596	33.13	ng	-0.03

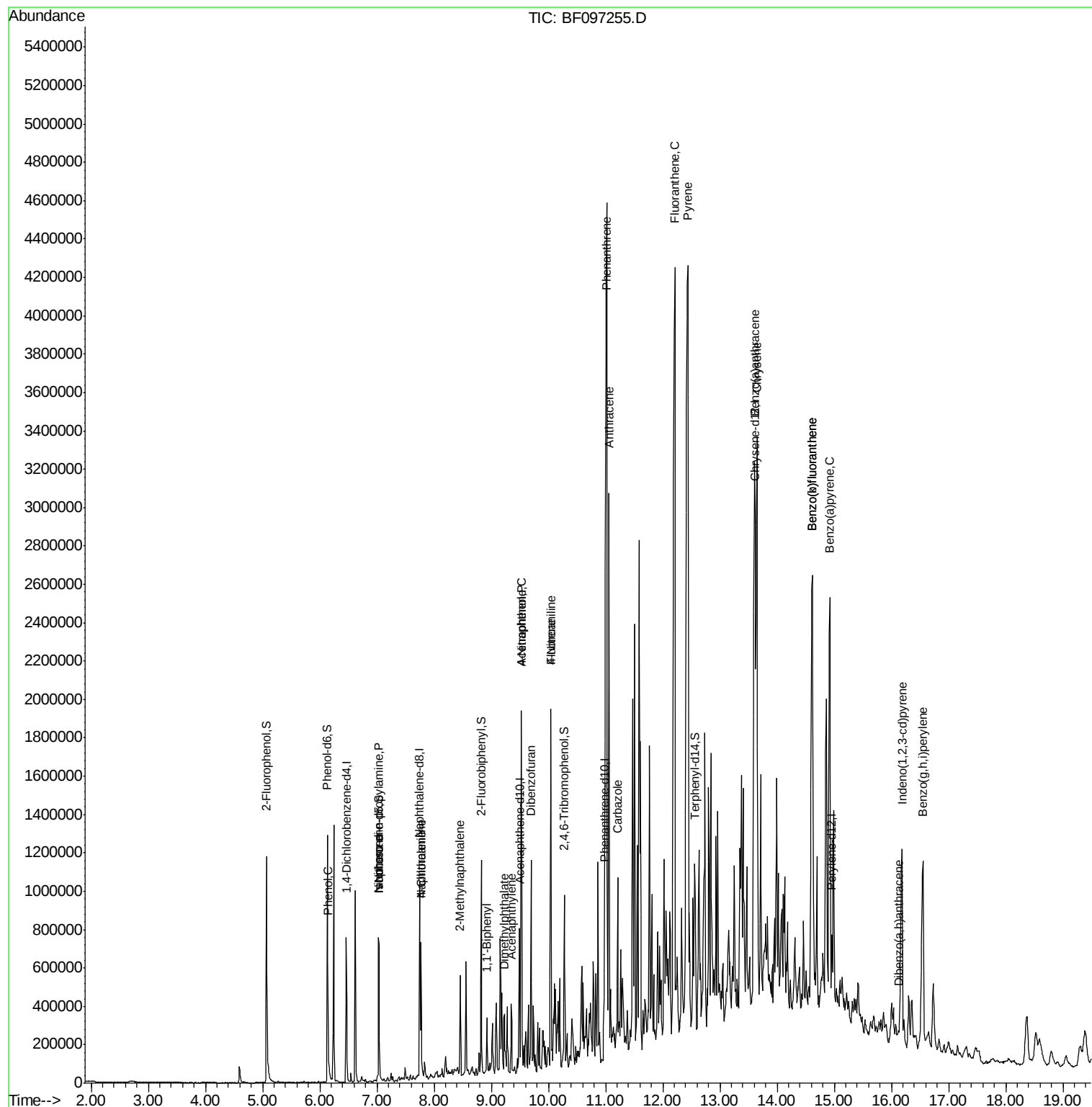
Target Compounds						Qvalue
10) Phenol	6.15	94	23171	2.48	ng	82
19) n-Nitroso-di-n-propylamine	7.03	70	31397	6.06	ng	# 83
25) Isophorone	7.03	82	235304	17.89	ng	# 67
31) Naphthalene	7.77	128	289019	15.56	ng	98
33) 4-Chloroaniline	7.77	127	37724	4.99	ng	# 35
37) 2-Methylnaphthalene	8.46	142	128549	10.93	ng	98
45) 1,1'-Biphenyl	8.92	154	64830	6.00	ng	94
48) Acenaphthylene	9.35	152	70122	5.75	ng	# 94
49) Dimethylphthalate	9.23	163	113113	11.78	ng	99
51) Acenaphthene	9.53	154	402206	55.99	ng	97
54) Dibenzofuran	9.70	168	316438	33.07	ng	99
55) 4-Nitrophenol	9.53	139	5686	3.78	ng	86
57) Fluorene	10.04	166	469398	65.28	ng	97
61) 4-Nitroaniline	10.04	138	5607	2.34	ng	# 30
70) Phenanthrene	11.02	178	3583830	335.29	ng	100
71) Anthracene	11.06	178	1273629	116.34	ng	99
72) Carbazole	11.21	167	363025	33.72	ng	98
74) Fluoranthene	12.21	202	3902555	372.69	ng	99
77) Pyrene	12.44	202	3833661	321.65	ng	97
80) Benzo(a)anthracene	13.61	228	2059648	218.64	ng	98
82) Chrysene	13.65	228	1471322	159.95	ng	97
85) Indeno(1,2,3-cd)pyrene	16.19	276	712971	90.39	ng	95
87) Benzo(b)fluoranthene	14.61	252	2198778	243.26	ng	# 97
88) Benzo(k)fluoranthene	14.61	252	2198778	255.28	ng	98
89) Benzo(a)pyrene	14.92	252	1293180	156.32	ng	97
90) Dibenzo(a,h)anthracene	16.12	278	30374	4.48	ng	95
91) Benzo(g,h,i)perylene	16.55	276	753642	105.94	ng	96

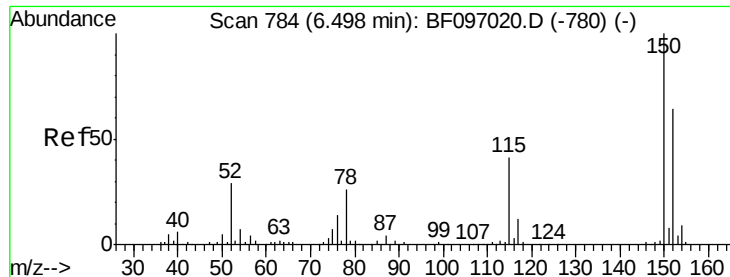
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-L6-ESW

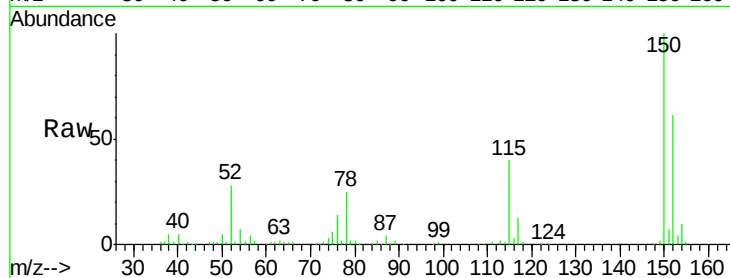
Tot Ion:152 Resp: 103893

Ion Ratio Lower Upper

152 100

150 163.5 126.2 189.2

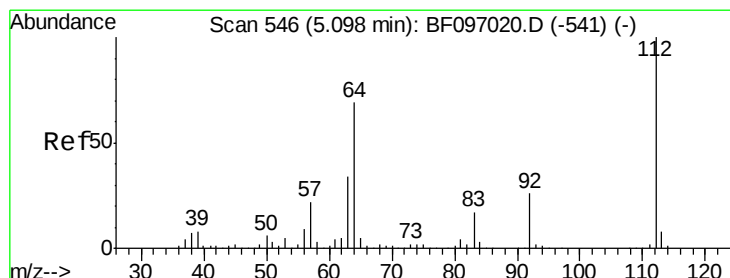
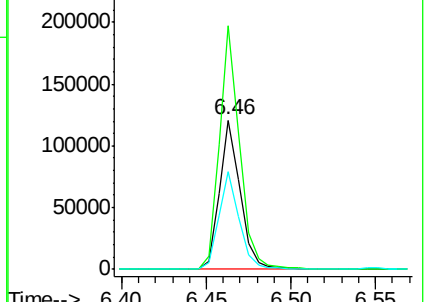
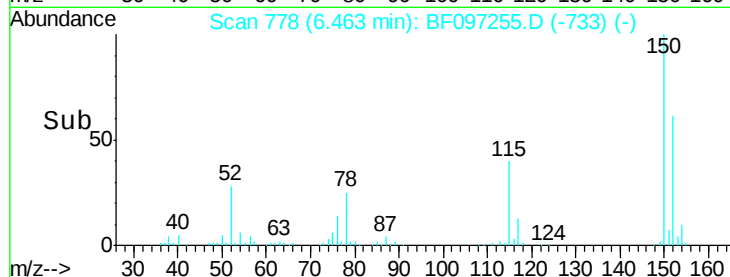
115 65.7 52.2 78.2



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: 60.42 ng

RT: 5.07 min Scan# 541

Delta R.T. -0.03 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

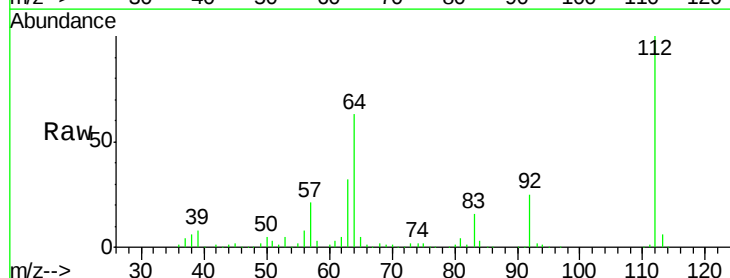
Tgt Ion:112 Resp: 416379

Ion Ratio Lower Upper

112 100

64 62.8 46.0 69.0

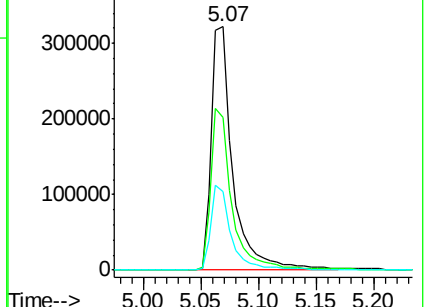
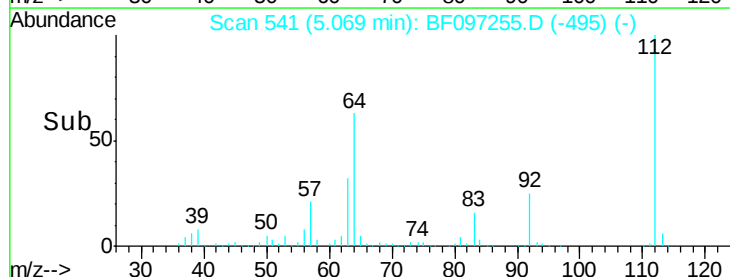
63 32.1 23.4 35.0

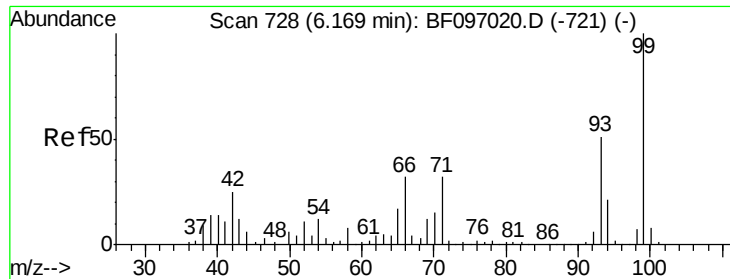


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 56.12 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-L6-ESW

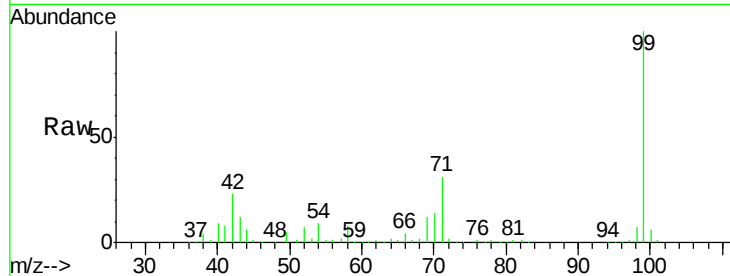
Tot Ion: 99 Resp: 441580

Ion Ratio Lower Upper

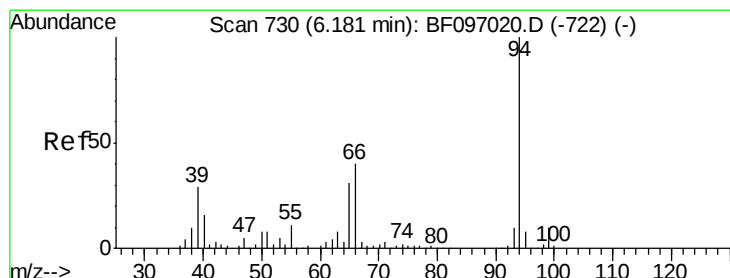
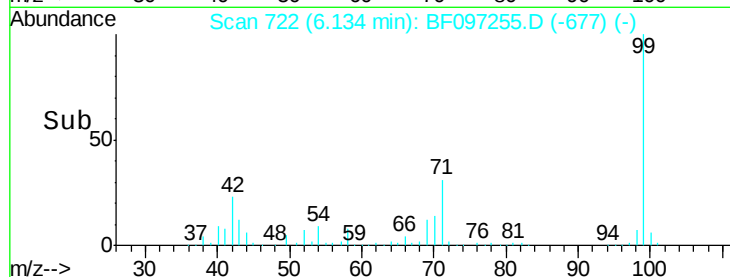
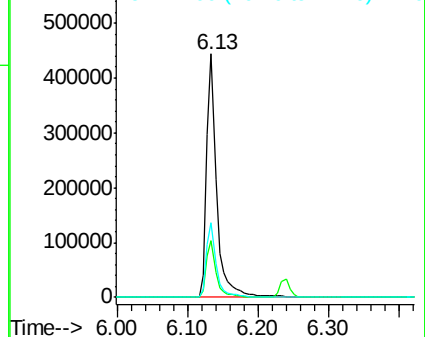
99 100

42 23.1 13.5 20.3#

71 30.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.48 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

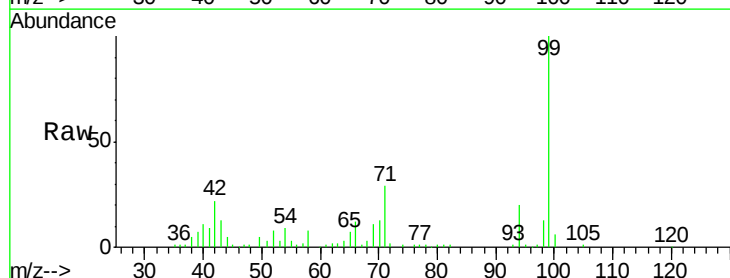
Tgt Ion: 94 Resp: 23171

Ion Ratio Lower Upper

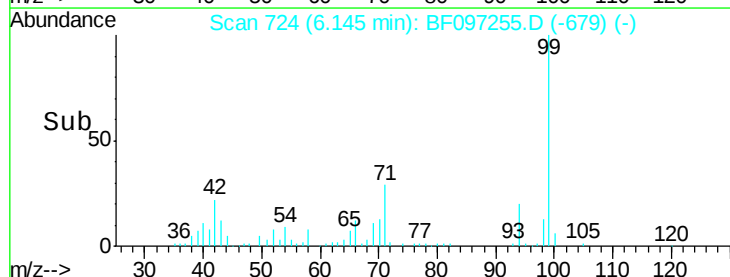
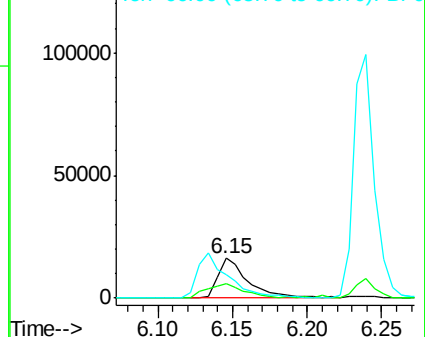
94 100

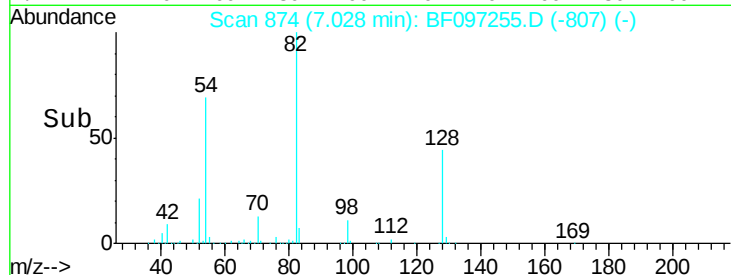
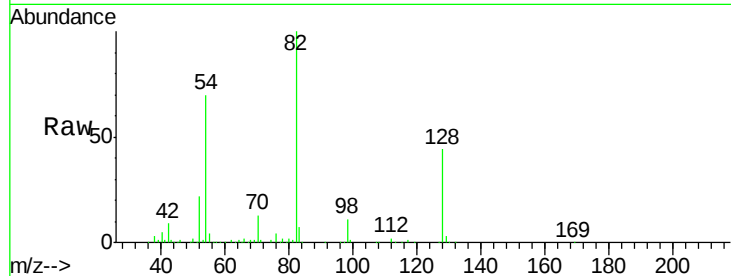
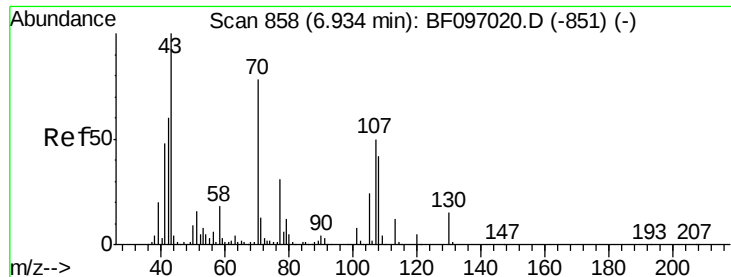
65 35.2 9.9 49.9

66 58.4 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

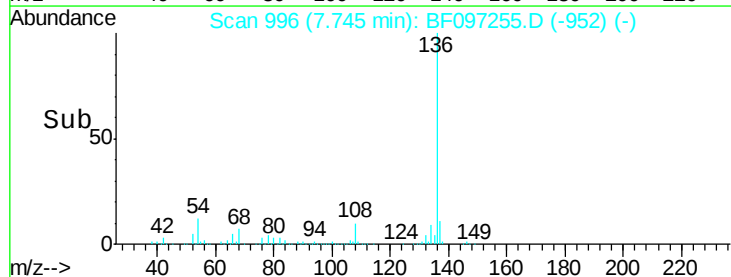
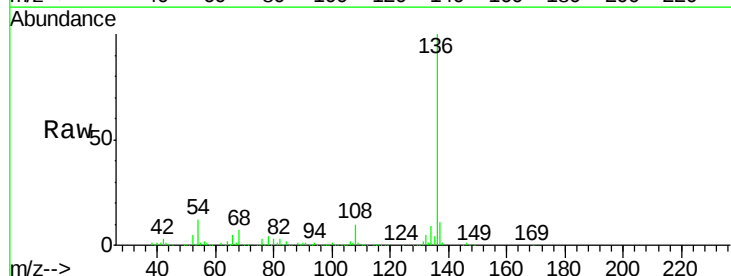
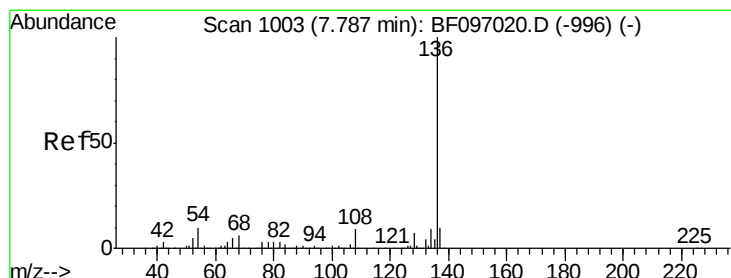
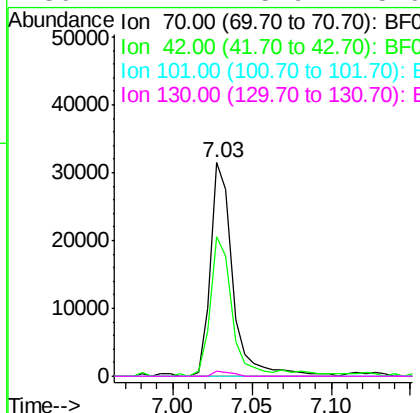




#19
n-Nitroso-di-n-propylamine
Concen: 6.06 ng
RT: 7.03 min Scan# 874
Delta R.T. 0.09 min
Lab File: BF097255.D
Acq: 2 Aug 2017 5:37

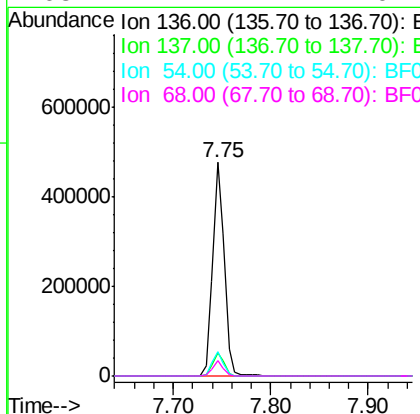
Instrument :
BNA_F
ClientSampleId :
E2-L6-ESW

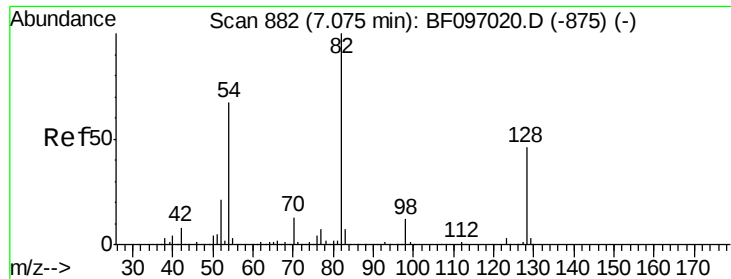
Tot Ion: 70 Resp: 31397
Ion Ratio Lower Upper
70 100
42 65.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF097255.D
Acq: 2 Aug 2017 5:37

Tgt Ion: 136 Resp: 394033
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.7 4.9 7.3#
68 7.1 4.1 6.1#

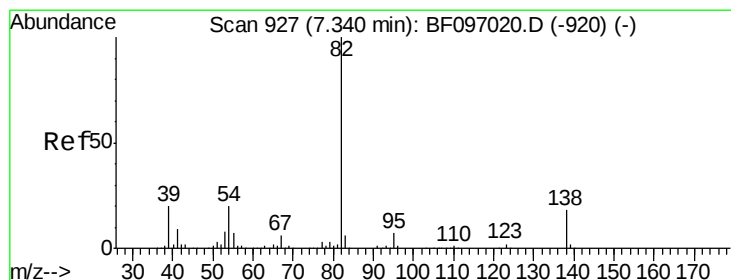
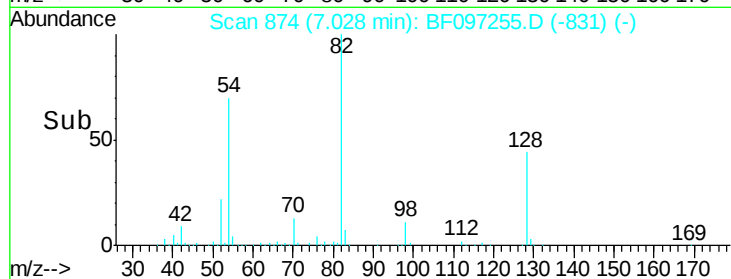
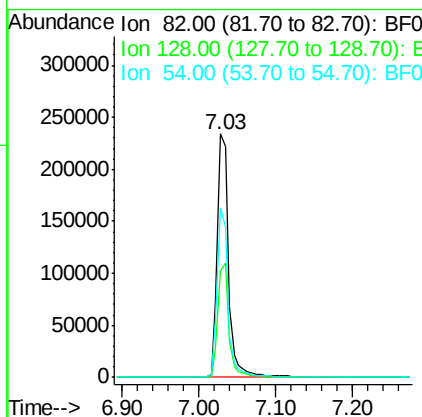
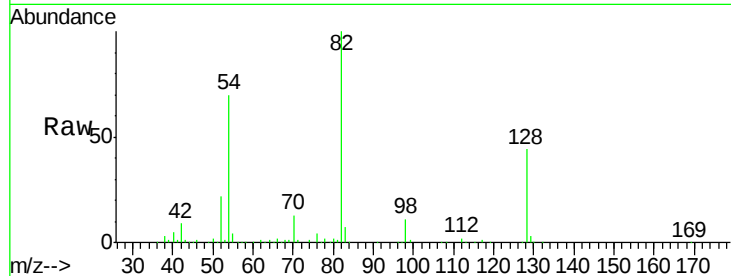




#23
 Nitrobenzene-d5
 Concen: 35.21 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.05 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

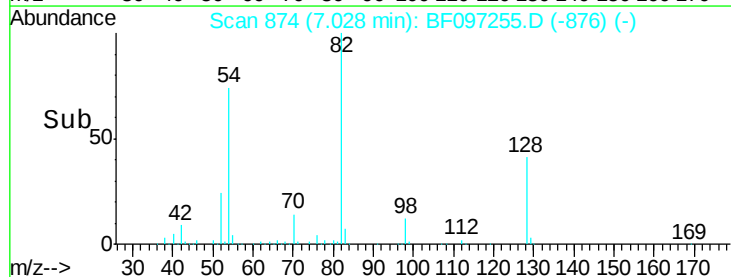
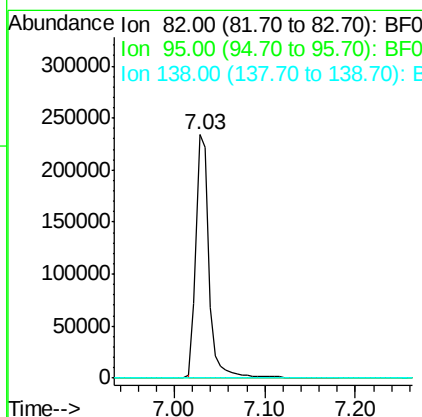
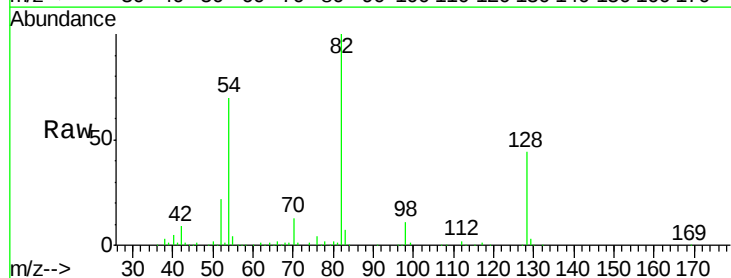
Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-ESW

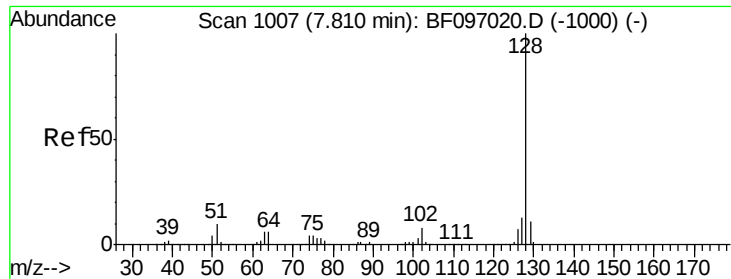
Tot Ion	82	Resp	236492
Ion Ratio	Lower	Upper	
82	100		
128	43.8	34.0	51.0
54	69.7	42.2	63.2#



#25
 Isophorone
 Concen: 17.89 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.31 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

Tgt Ion	82	Resp	235304
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

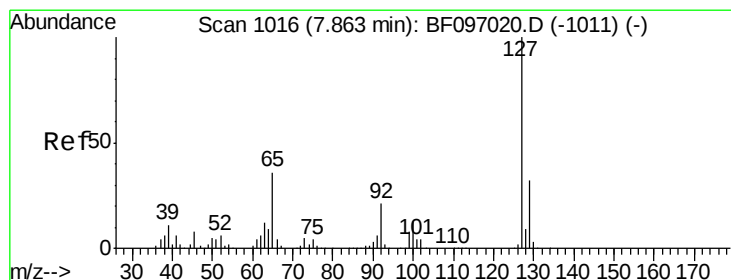
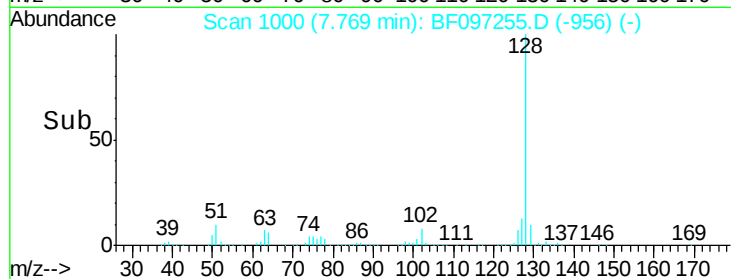
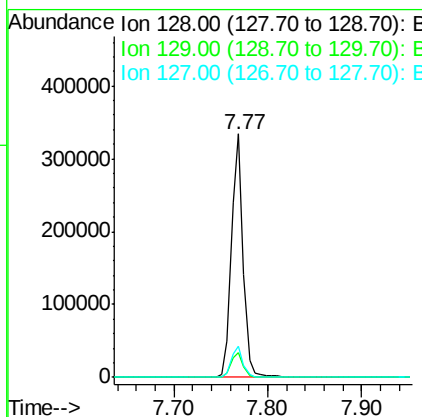
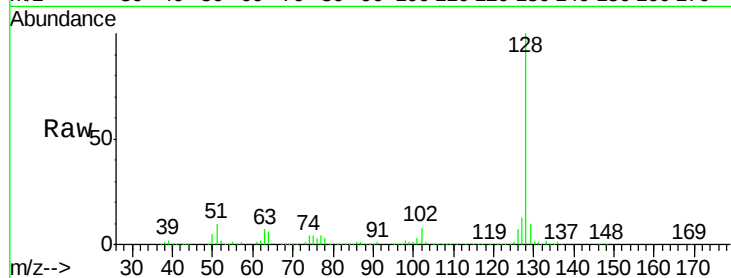




#31
Naphthalene
Concen: 15.56 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF097255.D
Acq: 2 Aug 2017 5:37

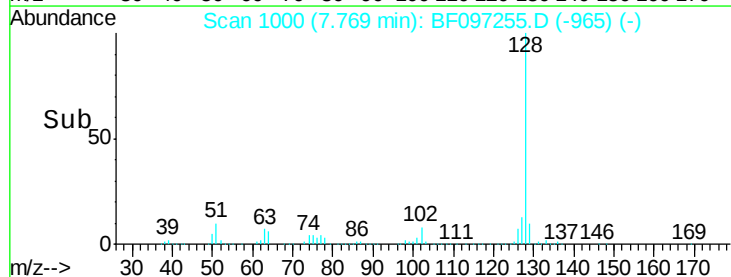
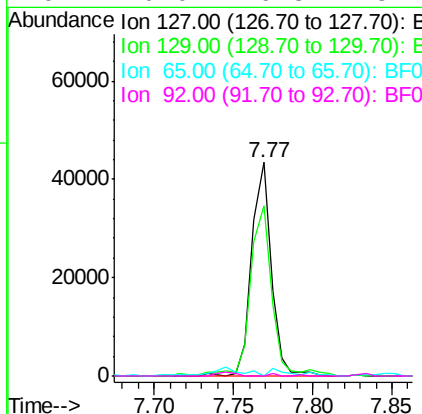
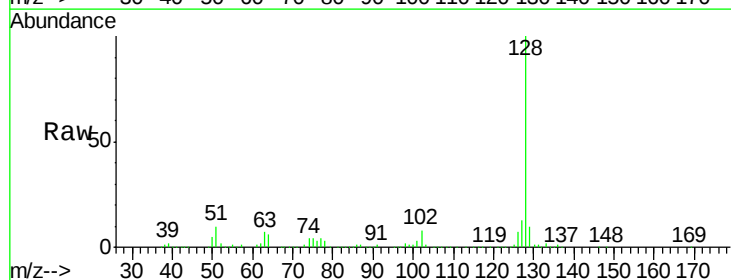
Instrument :
BNA_F
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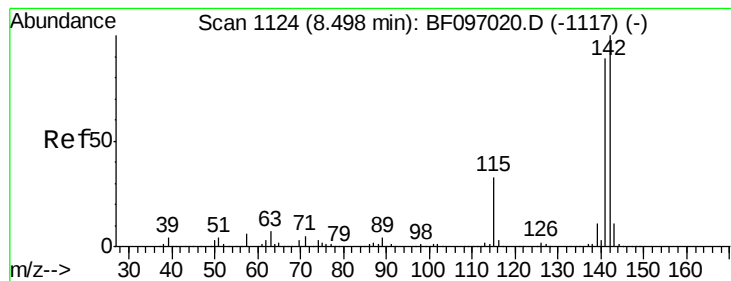
Tot Ion:128 Resp: 289019
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 13.0 10.8 16.2



#33
4-Chloroaniline
Concen: 4.99 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.09 min
Lab File: BF097255.D
Acq: 2 Aug 2017 5:37

Tgt Ion:127 Resp: 37724
Ion Ratio Lower Upper
127 100
129 79.8 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#

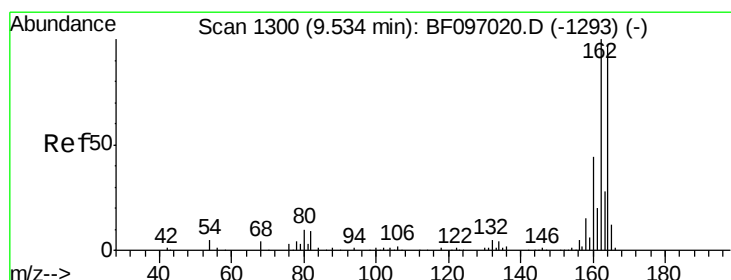
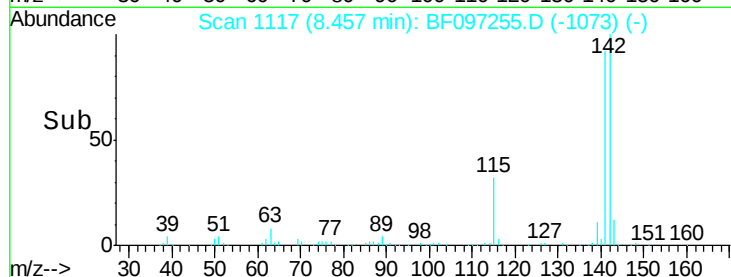
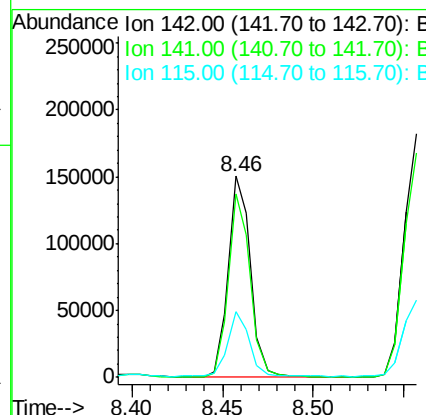
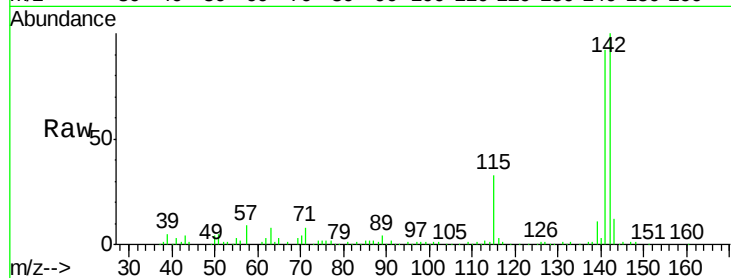




#37
 2-Methylnaphthalene
 Concen: 10.93 ng
 RT: 8.46 min Scan# 1117
 Delta R.T. -0.04 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

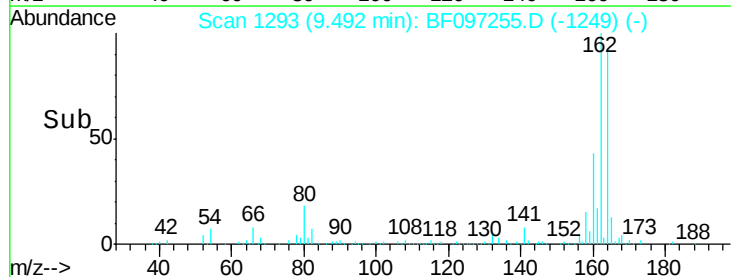
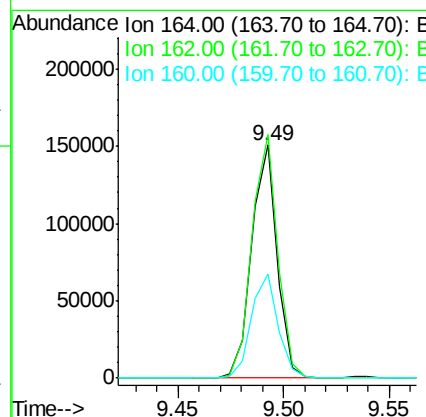
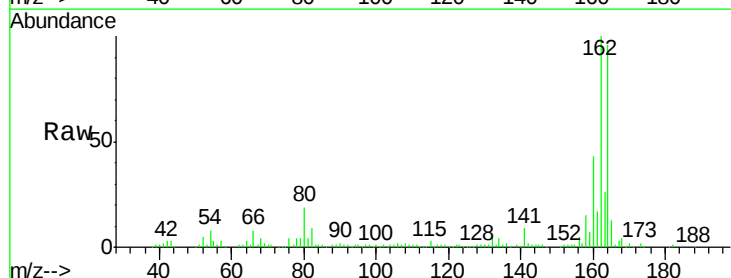
Instrument :
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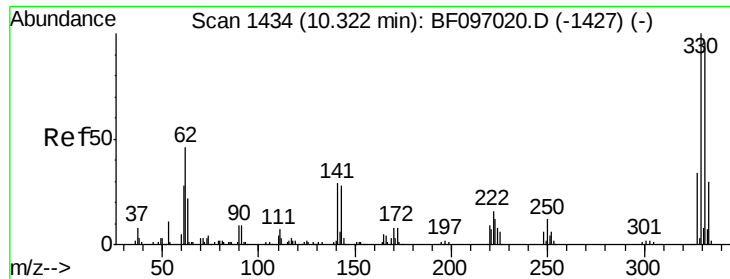
Tot Ion:142 Resp: 128549
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.3 106.9
 115 32.8 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.04 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

Tgt Ion:164 Resp: 126399
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 44.7 36.2 54.2

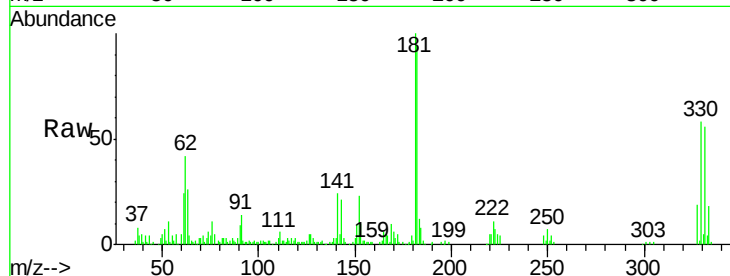




#41
 2,4,6-Tribromophenol
 Concen: 52.97 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-ESW

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.6	115.0
141	45.1	31.4	47.2

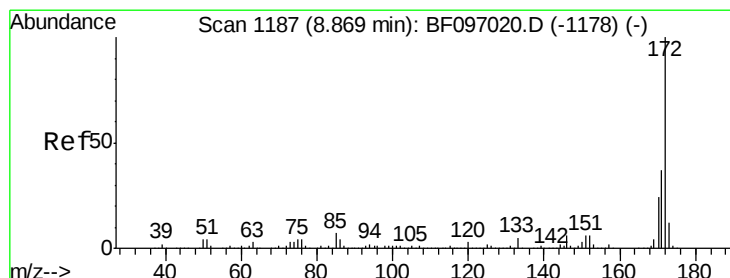
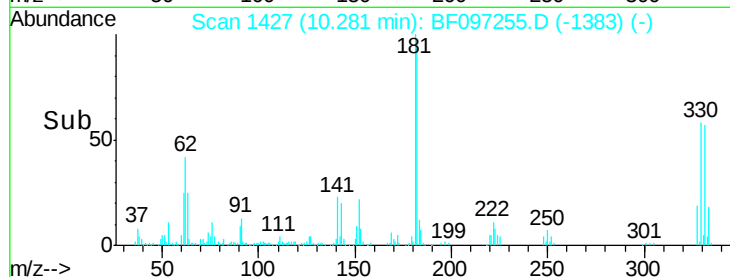
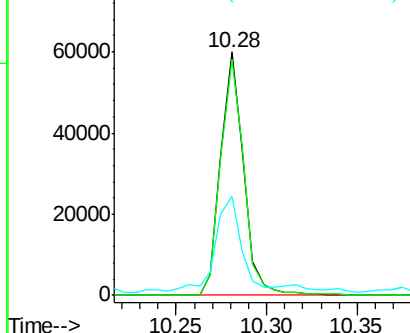


Abundance

Ion 329.80 (329.50 to 330.50): E

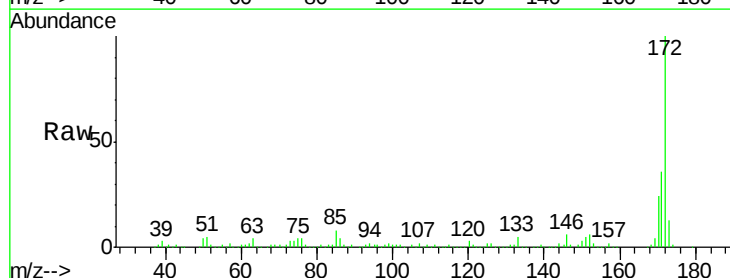
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 43.84 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.8	19.8	29.8

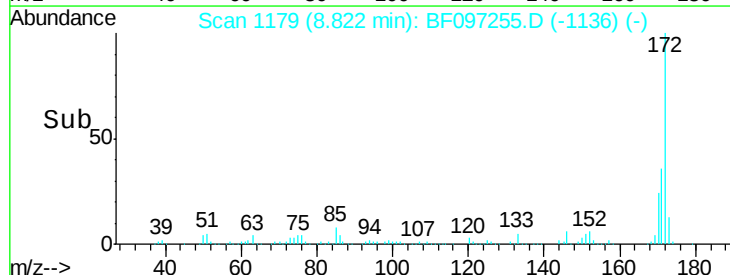
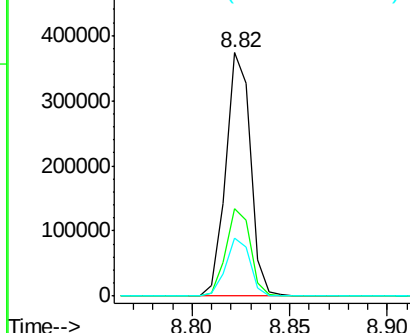


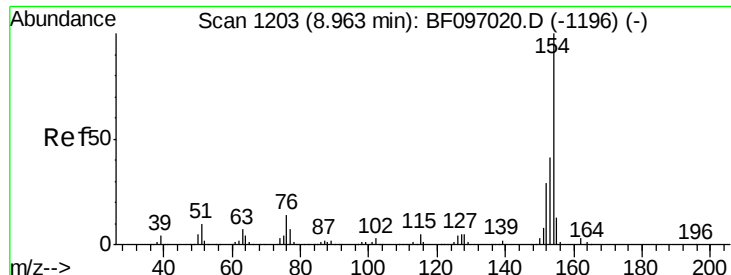
Abundance

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

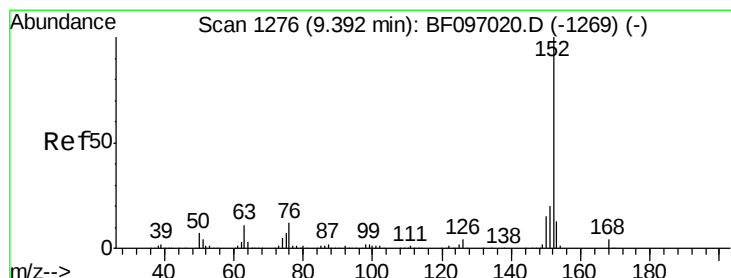
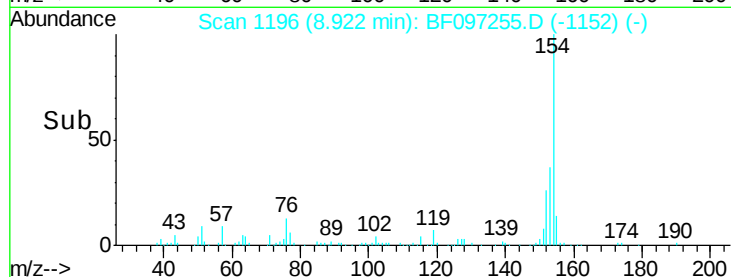
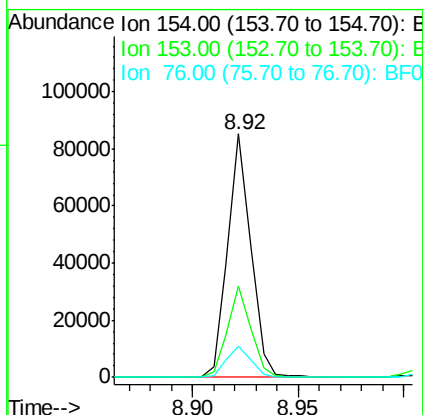
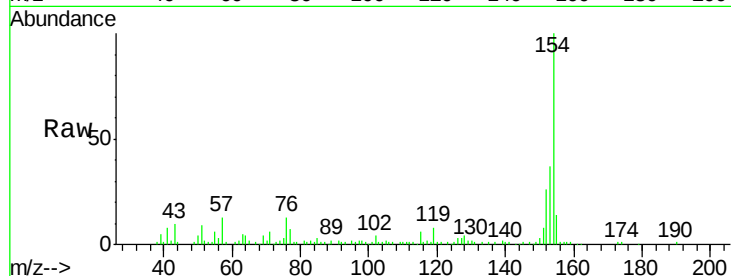




#45
 1,1'-Biphenyl
 Concen: 6.00 ng
 RT: 8.92 min Scan# 1196
 Delta R.T. -0.04 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

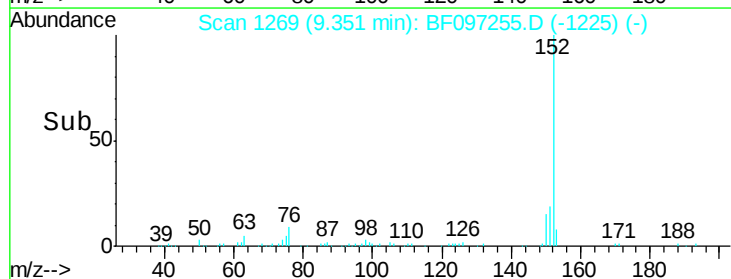
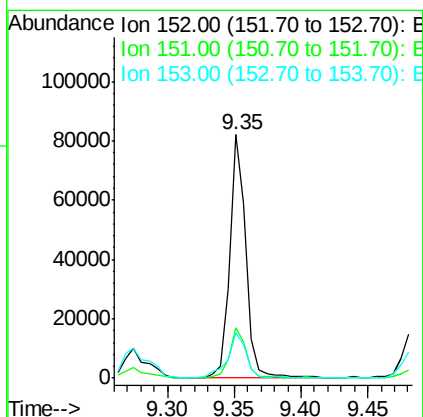
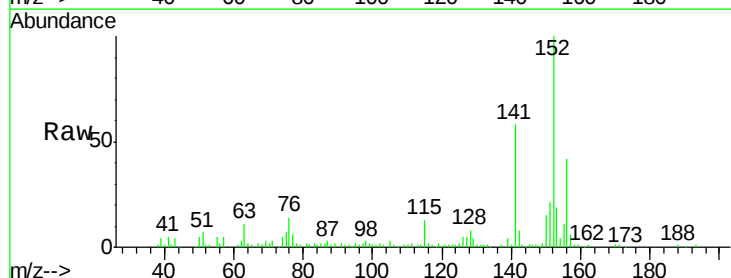
Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-ESW

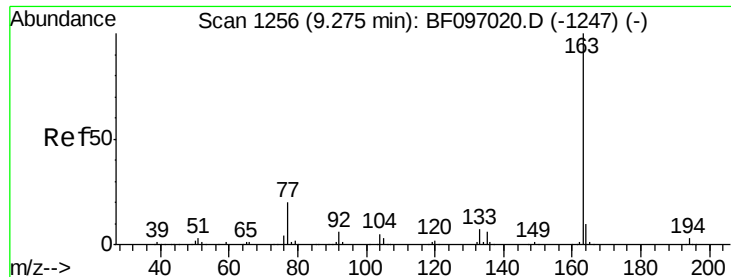
Tot Ion	Ratio	Lower	Upper
154	100		
153	37.5	21.2	61.2
76	13.0	0.0	29.9



#48
 Acenaphthylene
 Concen: 5.75 ng
 RT: 9.35 min Scan# 1269
 Delta R.T. -0.04 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	18.8	10.8	16.2#

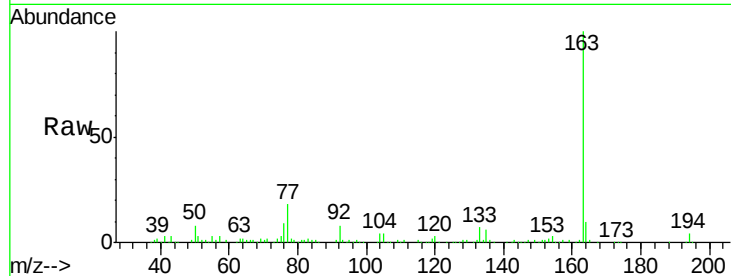




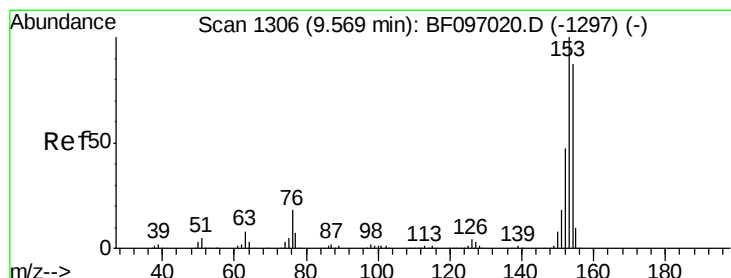
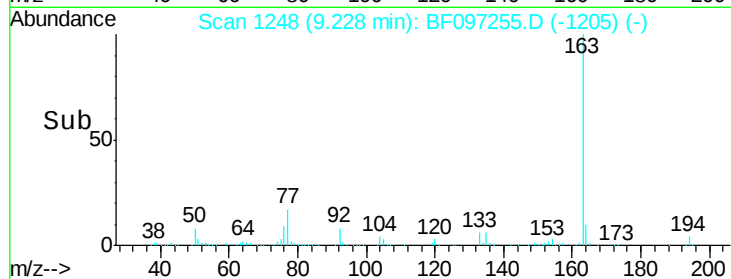
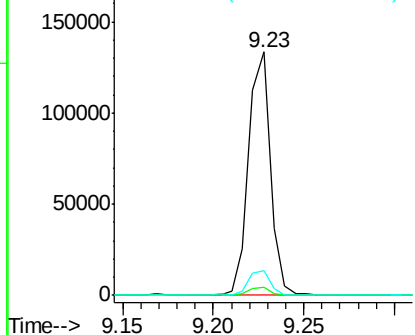
#49
Dimethylphthalate
Concen: 11.78 ng
RT: 9.23 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF097255.D
Acq: 2 Aug 2017 5:37

Instrument :
BNA_F
ClientSampleId :
E2-L6-ESW

Tot Ion:163 Resp: 113113
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.4 12.6

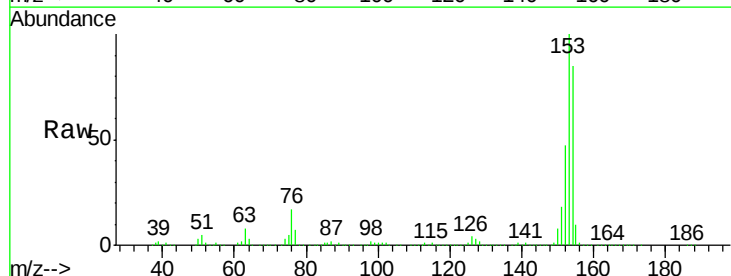


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

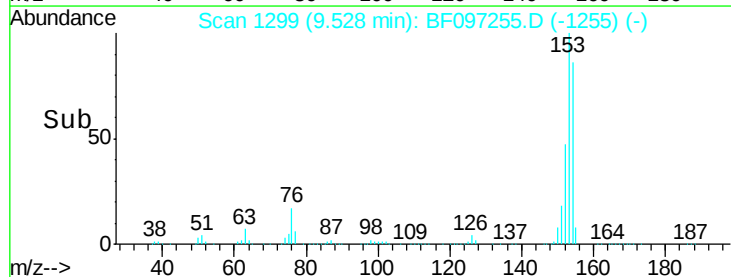
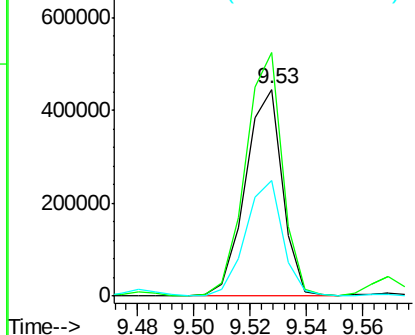


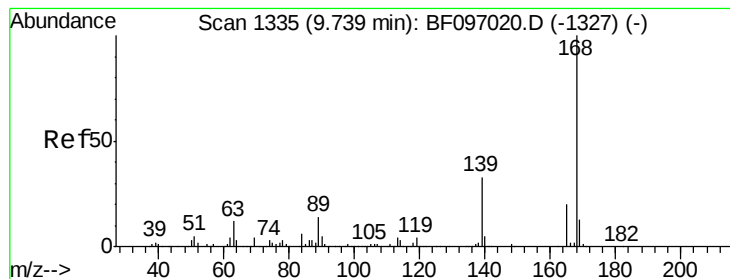
#51
Acenaphthene
Concen: 55.99 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.04 min
Lab File: BF097255.D
Acq: 2 Aug 2017 5:37

Tgt Ion:154 Resp: 402206
Ion Ratio Lower Upper
154 100
153 117.7 90.5 135.7
152 55.7 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





#54

Dibenzofuran

Concen: 33.07 ng

RT: 9.70 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-L6-ESW

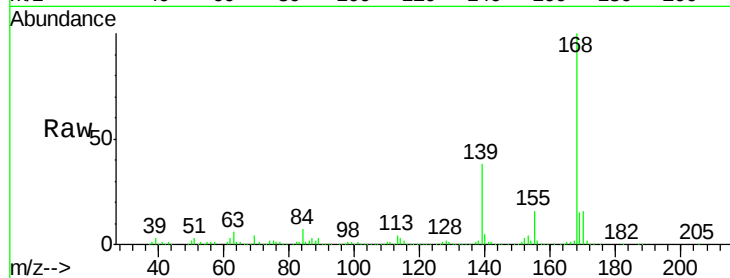
Tot Ion:168 Resp: 316438

Ion Ratio Lower Upper

168 100

139 38.2 30.6 45.8

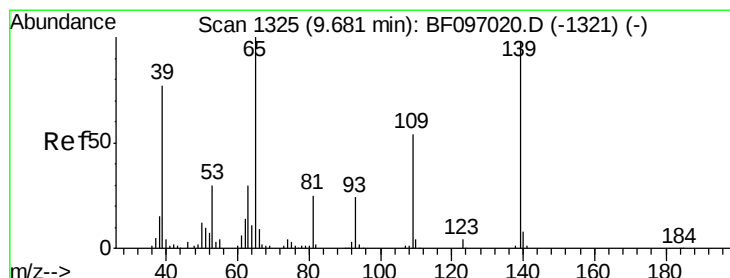
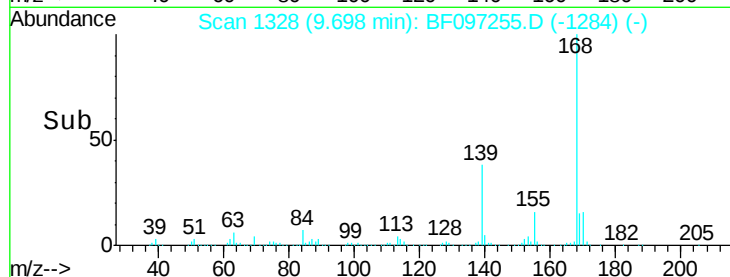
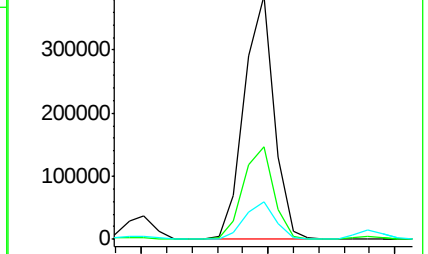
169 15.3 10.8 16.2



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: 3.78 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.15 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

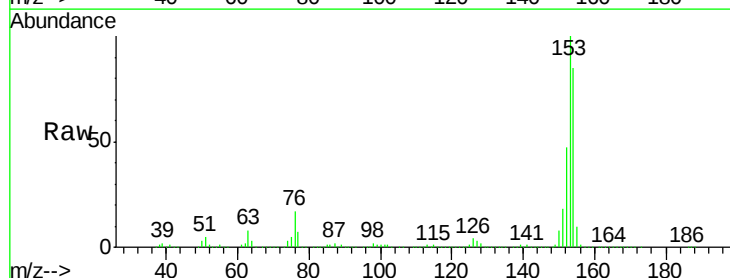
Tgt Ion:139 Resp: 5686

Ion Ratio Lower Upper

139 100

109 39.0 34.1 74.1

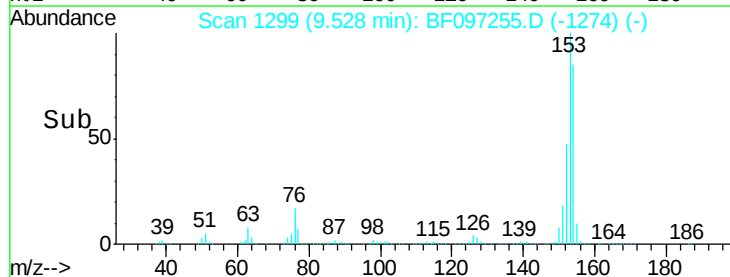
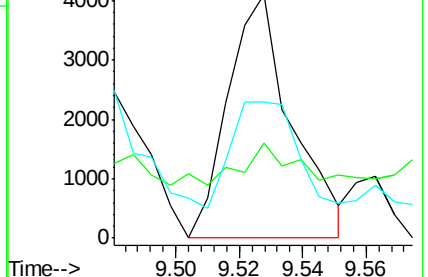
65 56.0 31.4 71.4

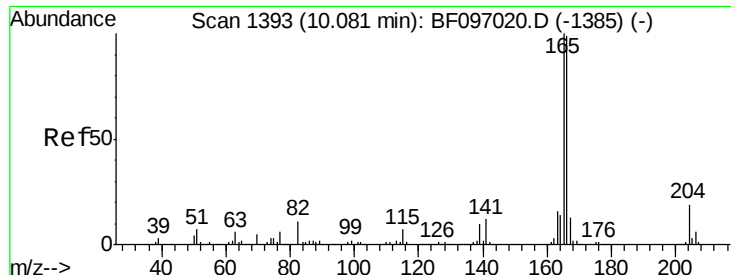


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

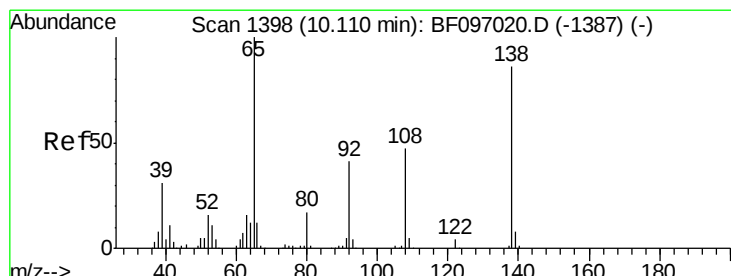
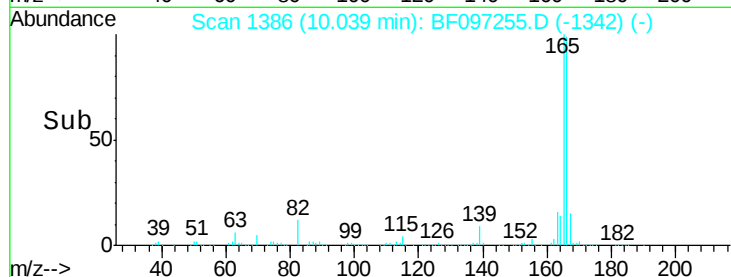
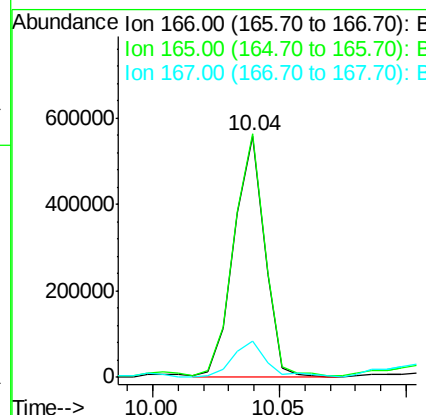
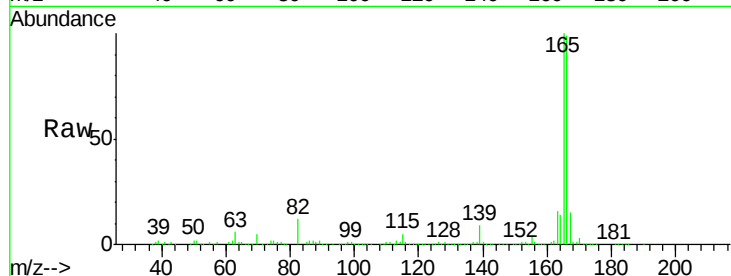




#57
 Fluorene
 Concen: 65.28 ng
 RT: 10.04 min Scan# 1386
 Delta R.T. -0.04 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

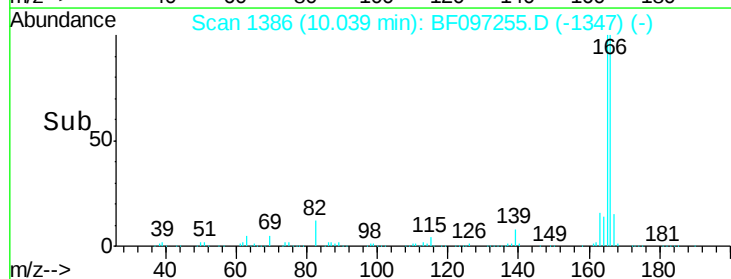
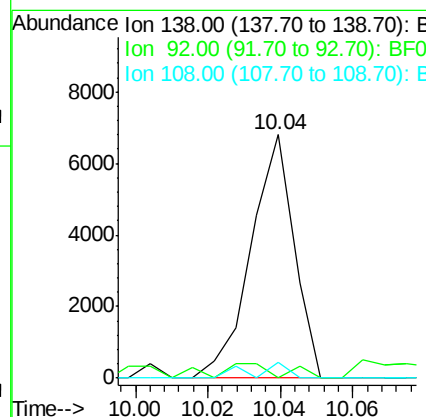
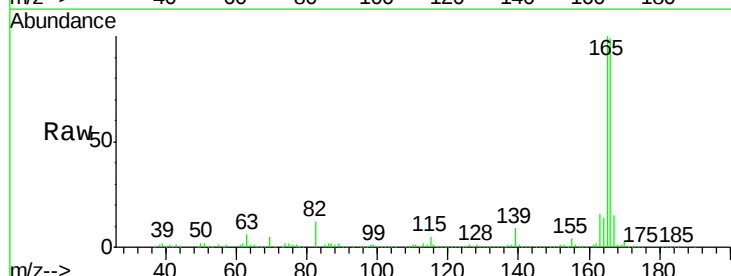
Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-ESW

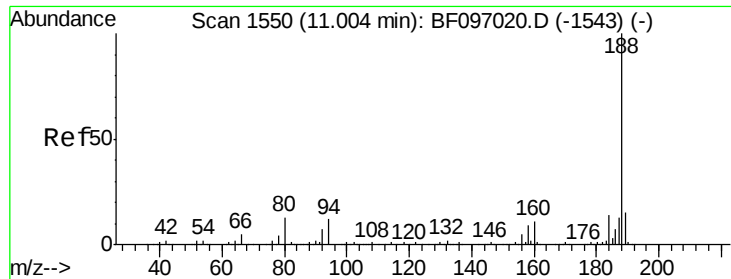
Tot Ion:166 Resp: 469398
 Ion Ratio Lower Upper
 166 100
 165 100.8 78.8 118.2
 167 15.0 10.6 16.0



#61
 4-Nitroaniline
 Concen: 2.34 ng
 RT: 10.04 min Scan# 1386
 Delta R.T. -0.07 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

Tgt Ion:138 Resp: 5607
 Ion Ratio Lower Upper
 138 100
 92 0.0 21.8 61.8#
 108 6.4 42.3 82.3#

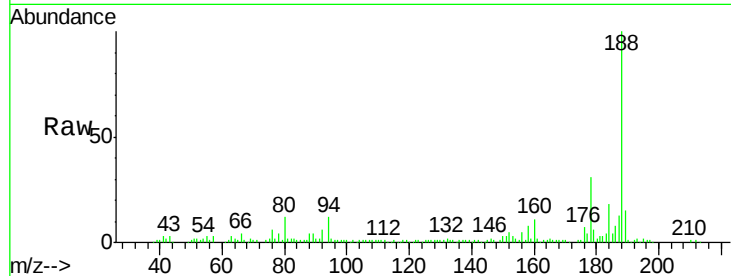




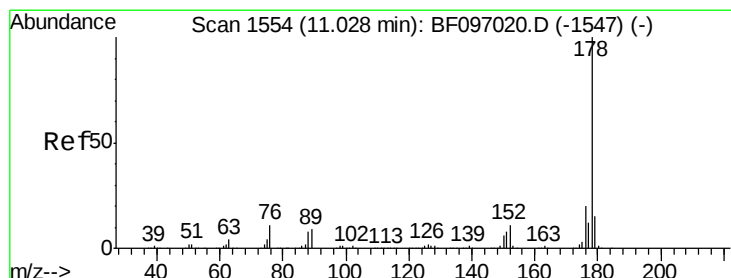
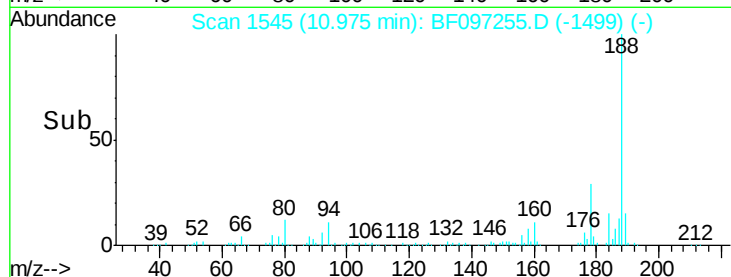
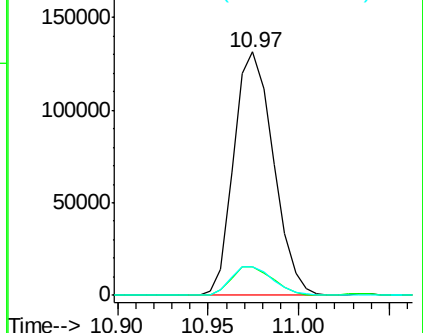
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF097255.D
Acq: 2 Aug 2017 5:37

Instrument :
BNA_F
ClientSampleId :
E2-L6-ESW

Tot Ion:188 Resp: 199490
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 11.6 10.2 15.2

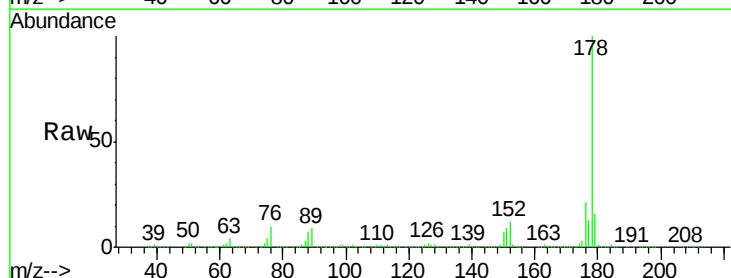


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

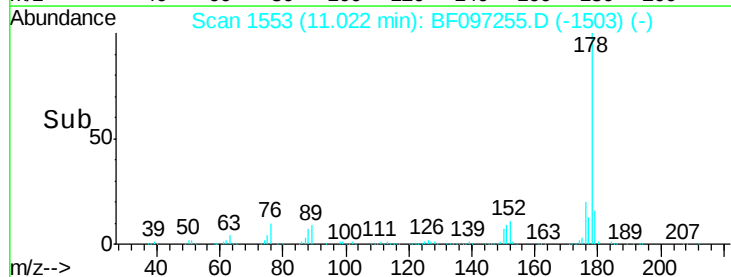
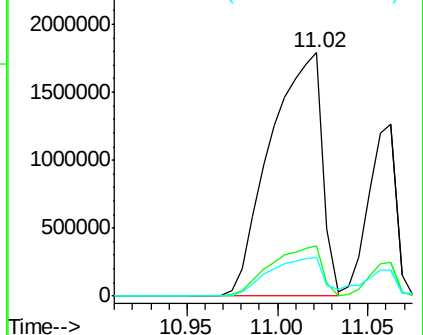


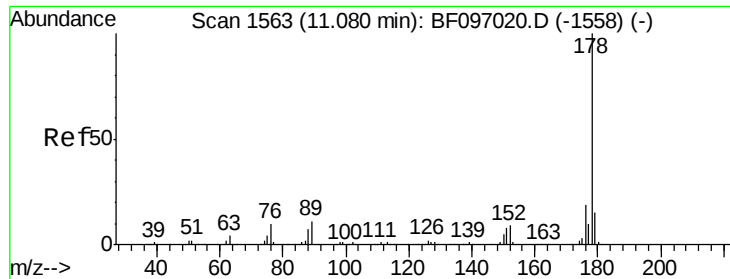
#70
Phenanthrene
Concen: 335.29 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF097255.D
Acq: 2 Aug 2017 5:37

Tgt Ion:178 Resp: 3583830
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 15.7 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

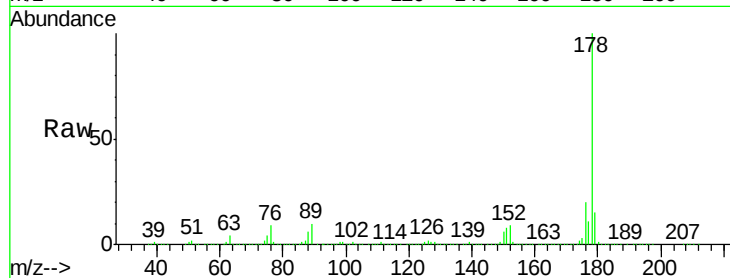




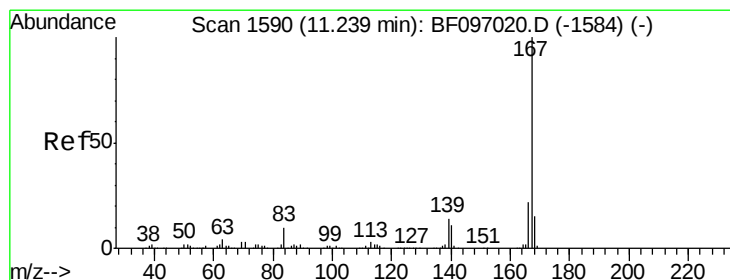
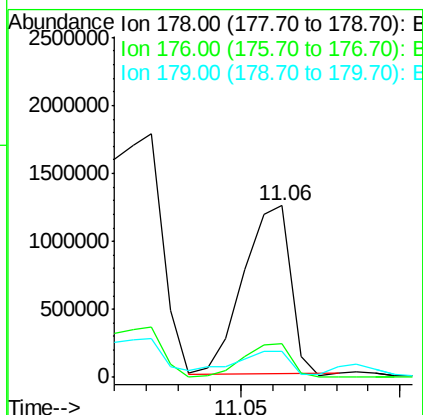
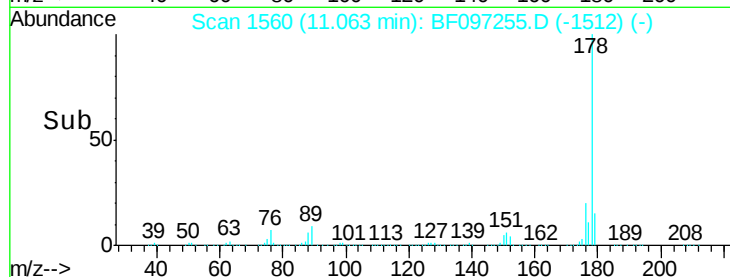
#71
 Anthracene
 Concen: 116.34 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-ESW

Tot Ion:178 Resp: 1273629
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.4 12.7 19.1

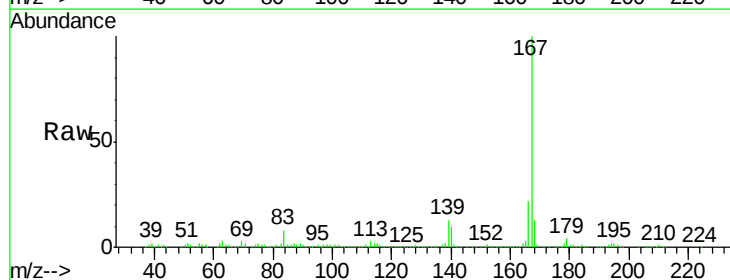


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

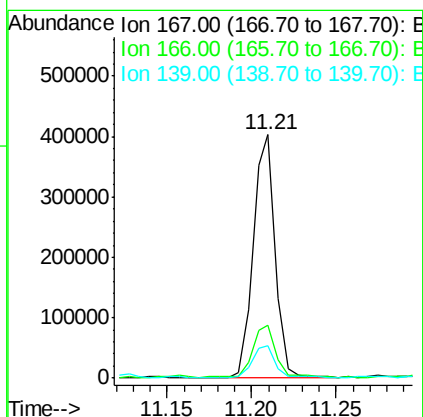
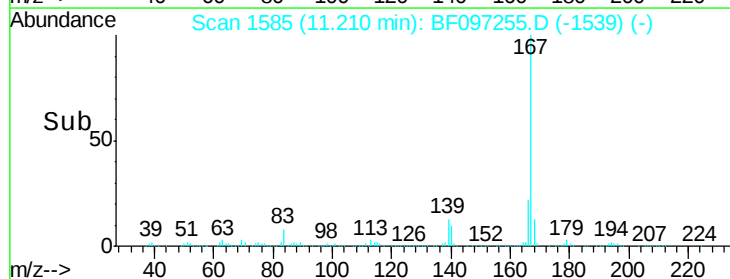


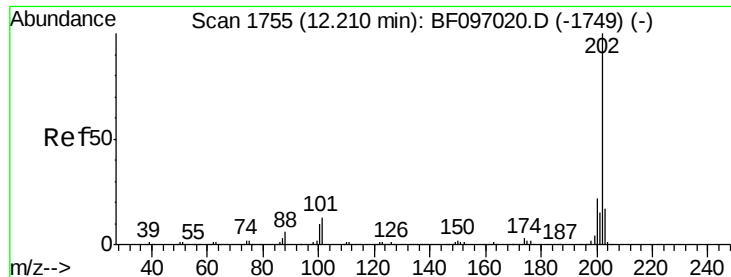
#72
 Carbazole
 Concen: 33.72 ng
 RT: 11.21 min Scan# 1585
 Delta R.T. -0.03 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

Tgt Ion:167 Resp: 363025
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.3 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: 372.69 ng

RT: 12.21 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

Instrument :

BNA_F

ClientSampled :

E2-L6-ESW

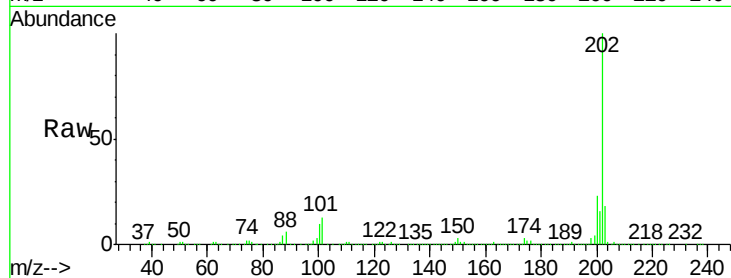
Tot Ion:202 Resp: 3902555

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.2

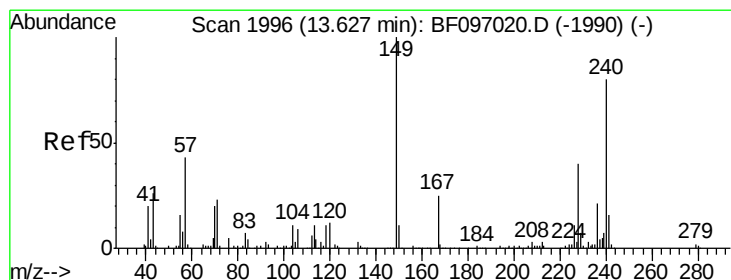
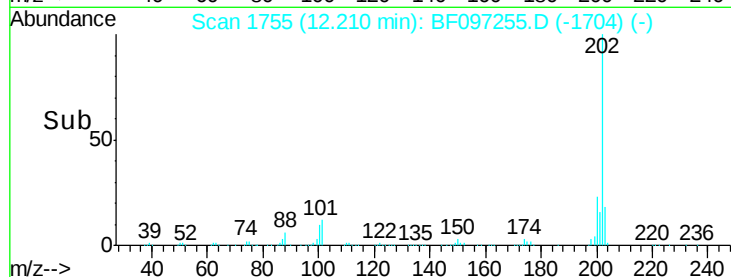
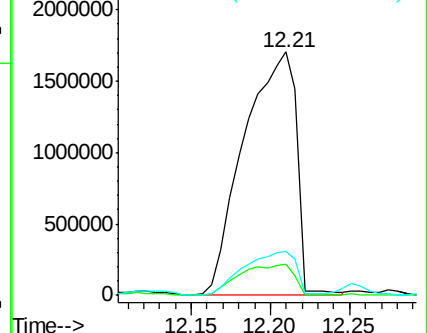
203 18.1 0.0 38.1



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# 1995

Delta R.T. -0.01 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

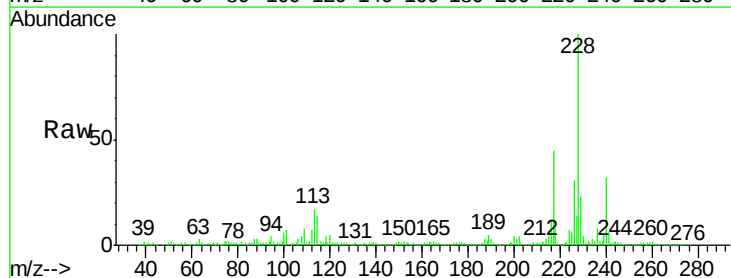
Tgt Ion:240 Resp: 145587

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

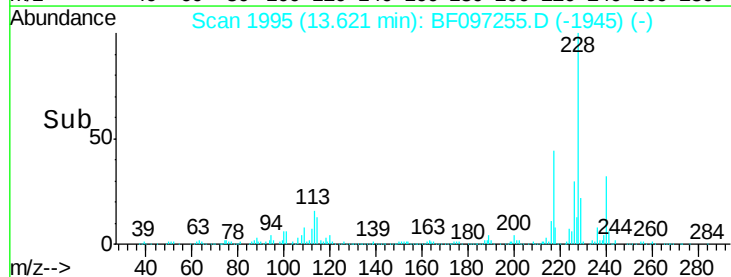
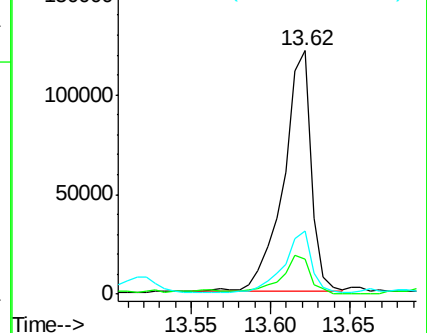
236 26.2 20.5 30.7

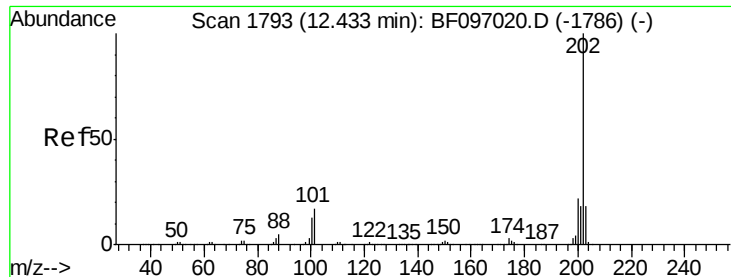


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 321.65 ng

RT: 12.44 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-L6-ESW

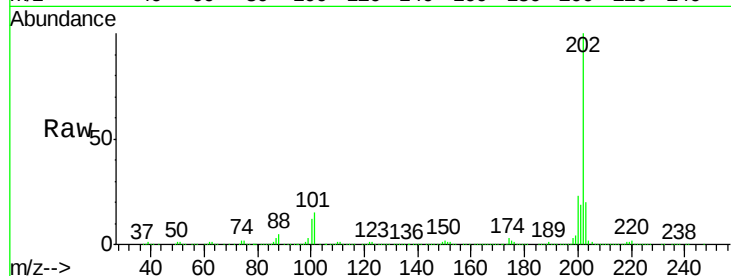
Tot Ion:202 Resp: 3833661

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

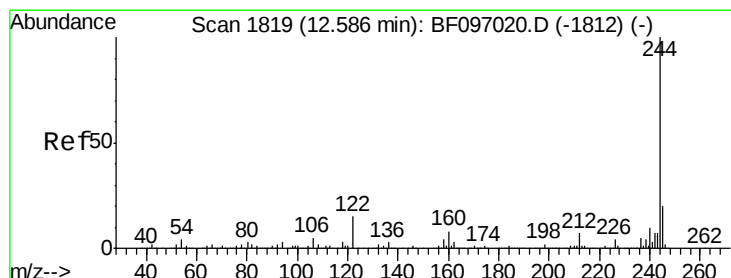
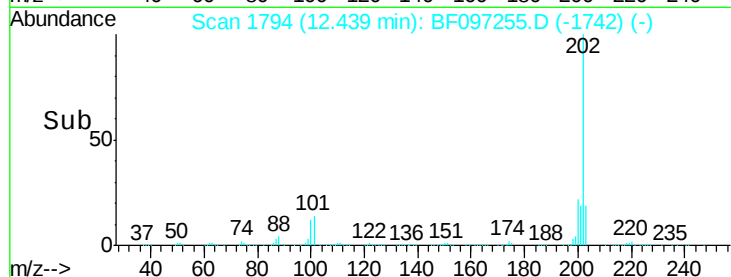
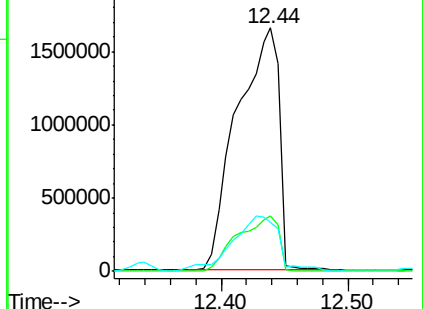
203 20.0 14.4 21.6



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: 33.13 ng

RT: 12.56 min Scan# 1814

Delta R.T. -0.03 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

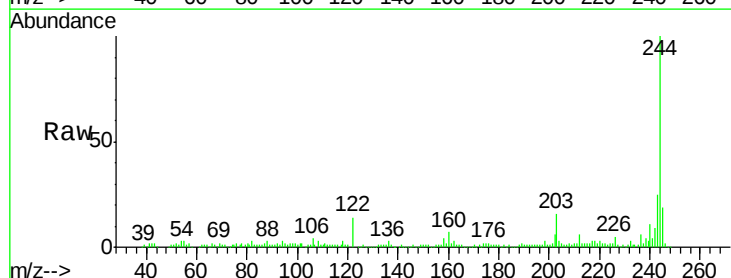
Tgt Ion:244 Resp: 236596

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

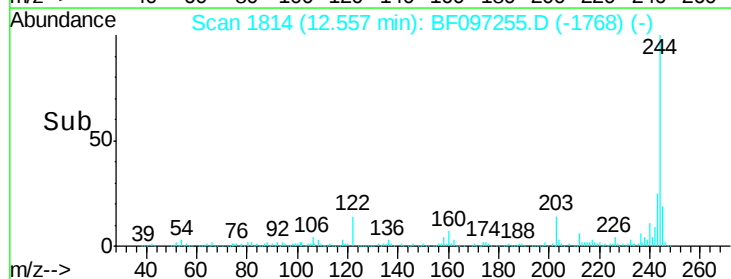
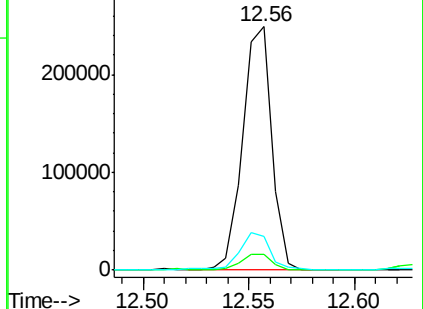
122 13.9 10.3 15.5

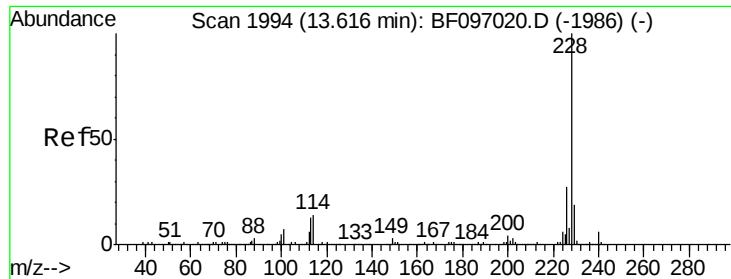


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 218.64 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-L6-ESW

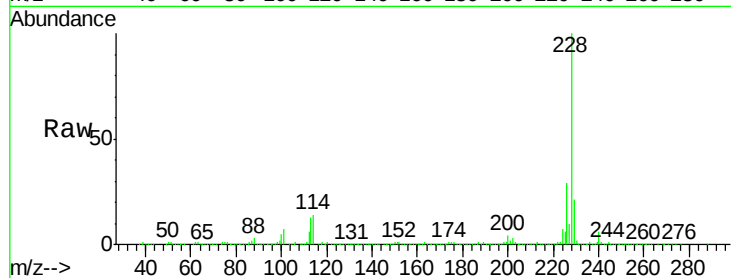
Tot Ion:228 Resp: 2059648

Ion Ratio Lower Upper

228 100

226 29.3 22.6 33.8

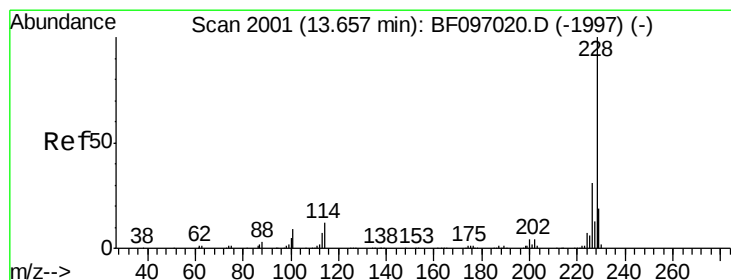
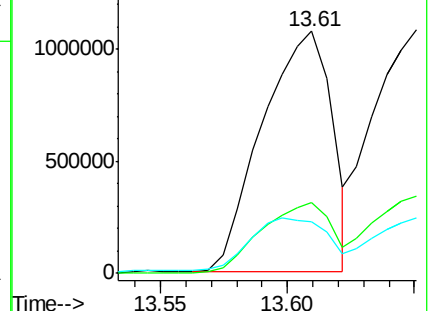
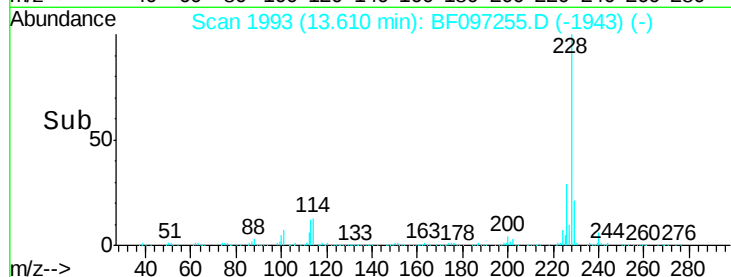
229 21.4 16.3 24.5



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: 159.95 ng

RT: 13.65 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

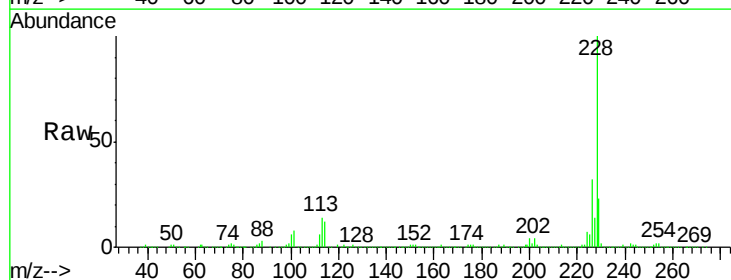
Tgt Ion:228 Resp: 1471322

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

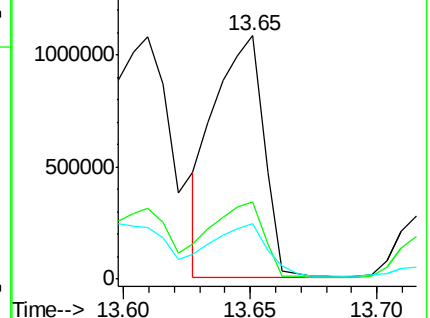
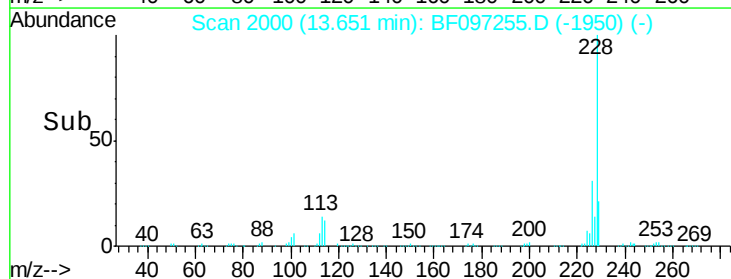
229 22.6 15.8 23.6

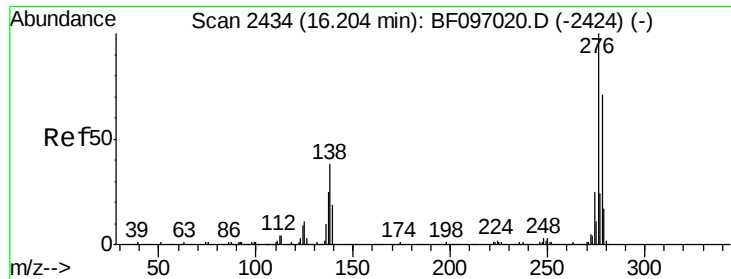


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

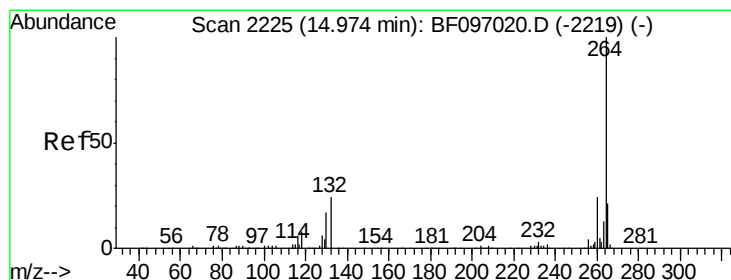
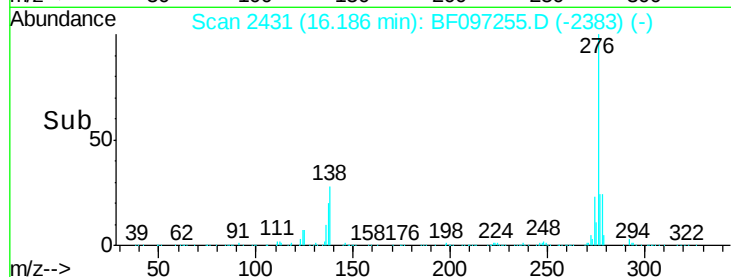
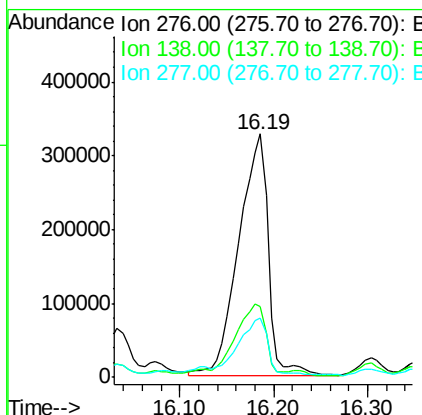
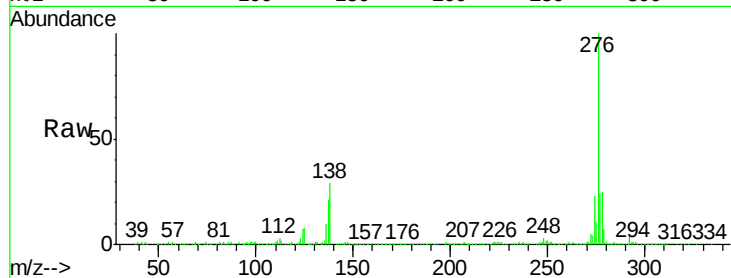




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 90.39 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

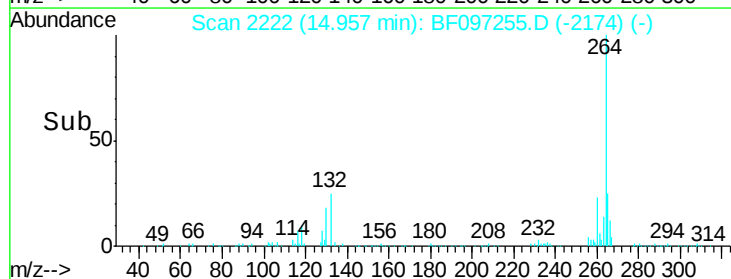
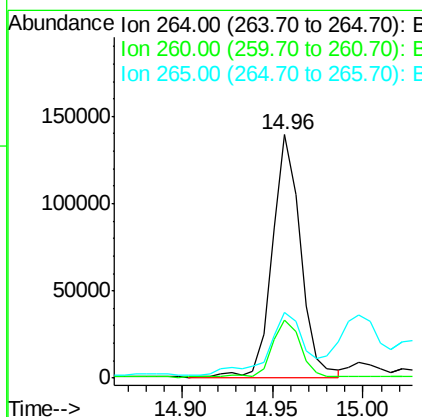
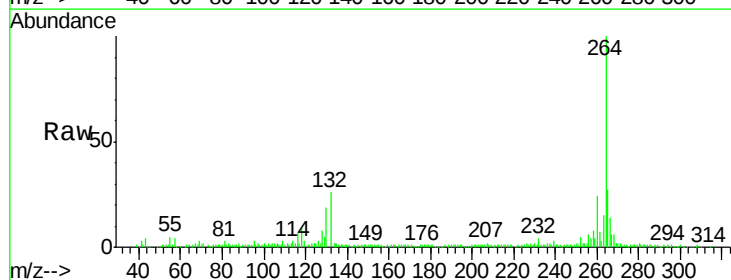
Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-ESW

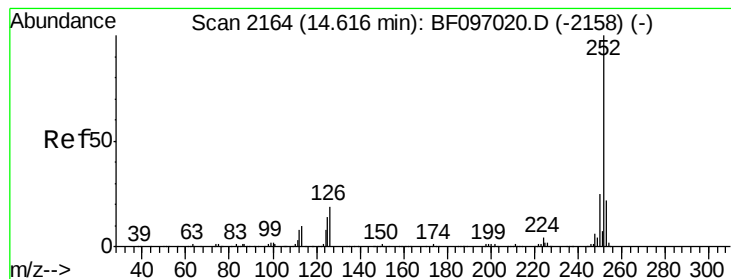
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	27.8	41.6
277	22.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF097255.D
 Acq: 2 Aug 2017 5:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	27.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 243.26 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-L6-ESW

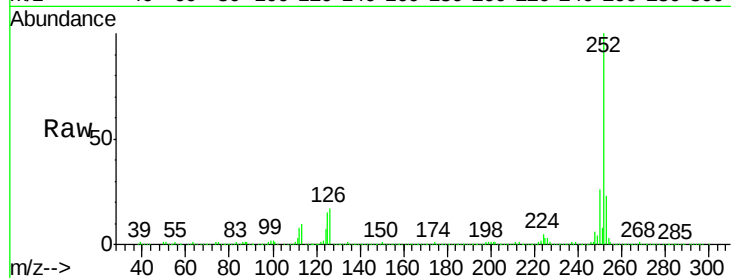
Tot Ion:252 Resp: 2198778

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

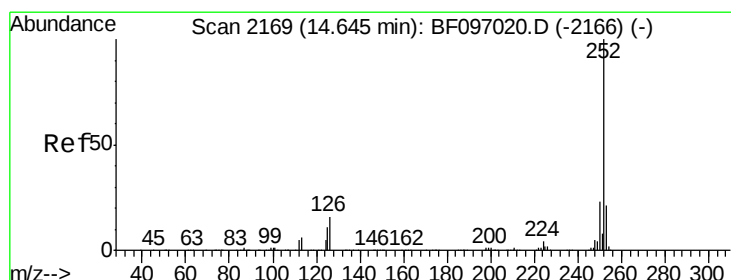
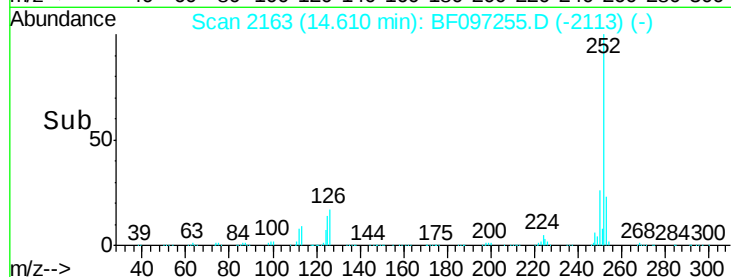
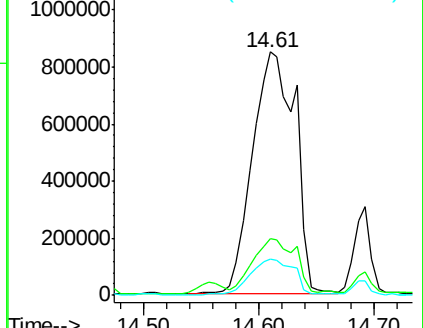
125 14.8 9.8 14.8#



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



#88

Benzo(k)fluoranthene

Concen: 255.28 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.04 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

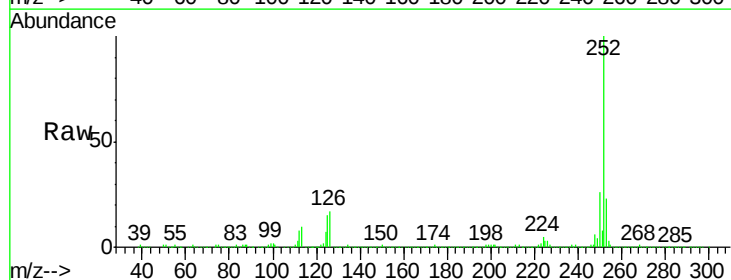
Tgt Ion:252 Resp: 2198778

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

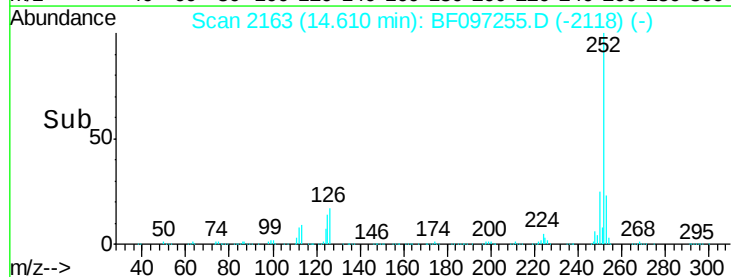
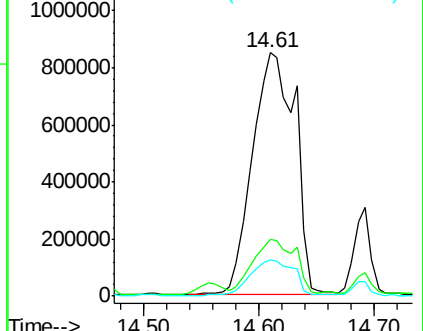
125 14.8 13.1 19.7

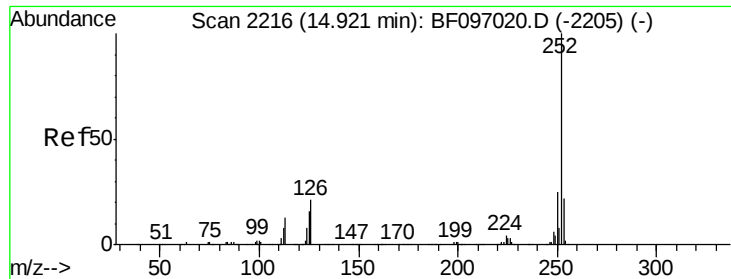


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

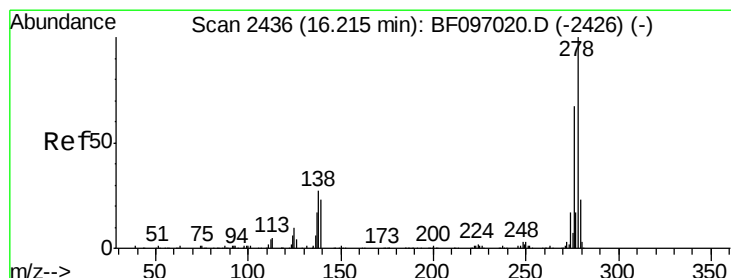
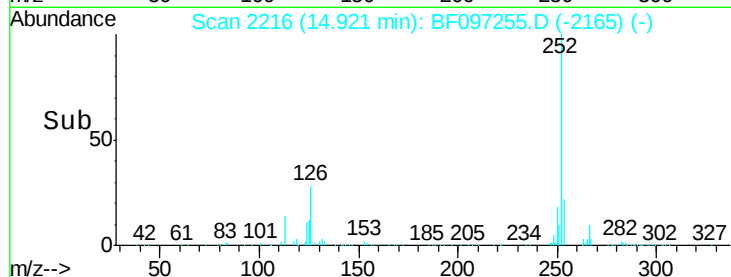
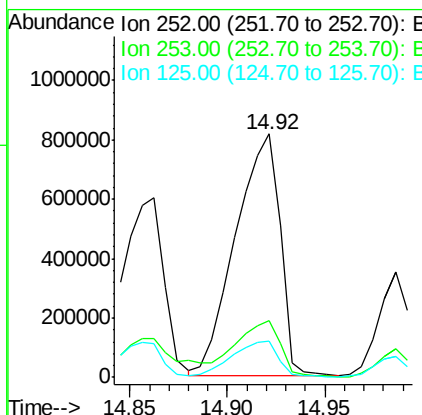
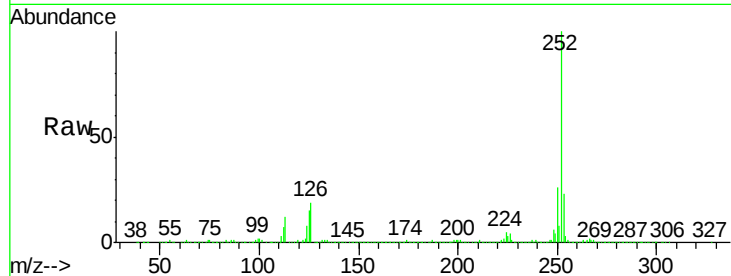




#89
Benzo(a)pyrene
Concen: 156.32 ng
RT: 14.92 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097255.D
Acq: 2 Aug 2017 5:37

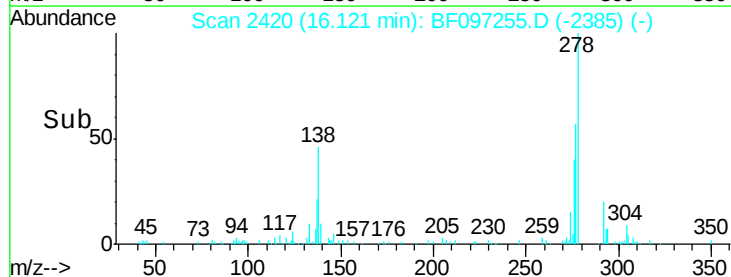
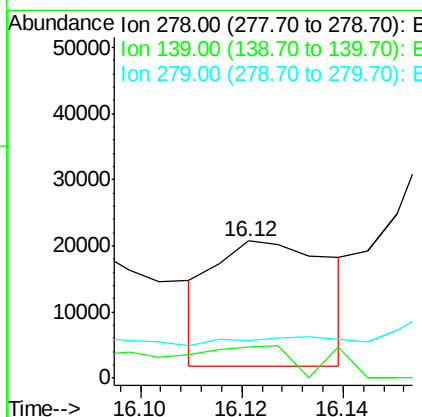
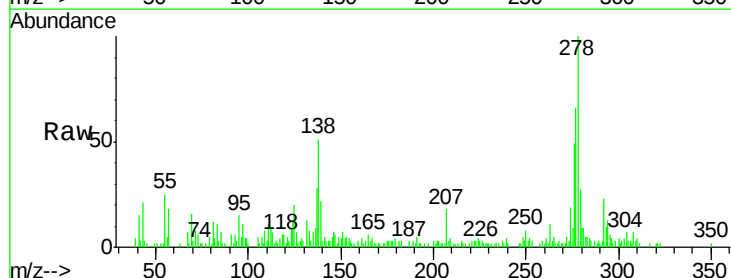
Instrument :
BNA_F
ClientSampled :
E2-L6-ESW

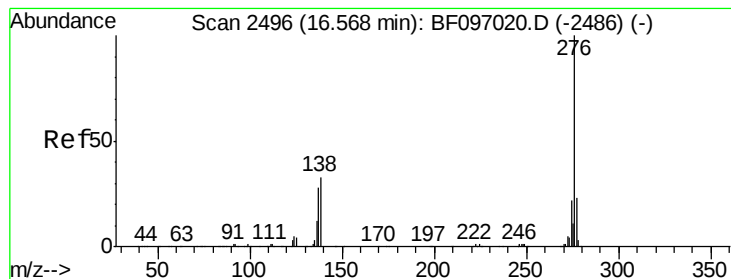
Tot Ion:252 Resp: 1293180
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 14.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 4.48 ng
RT: 16.12 min Scan# 2420
Delta R.T. -0.09 min
Lab File: BF097255.D
Acq: 2 Aug 2017 5:37

Tgt Ion:278 Resp: 30374
Ion Ratio Lower Upper
278 100
139 22.3 16.6 24.8
279 27.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 105.94 ng

RT: 16.55 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BF097255.D

Acq: 2 Aug 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-L6-ESW

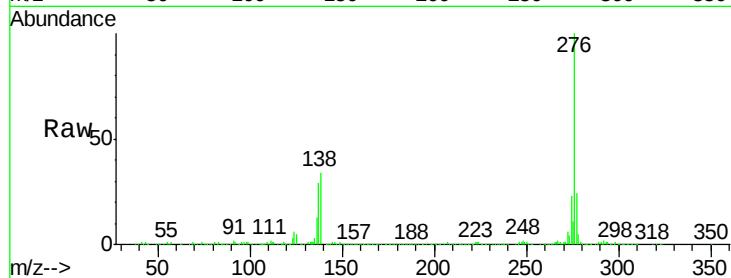
Tot Ion: 276 Resp: 753642

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 34.3 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

