

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097344.D
 Acq On : 4 Aug 2017 4:04
 Operator : SJ/JU
 Sample : I4522-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 05:37:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	95212	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	336066	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	143433	20.00	ng	-0.06
63) Phenanthrene-d10	10.94	188	202529	20.00	ng	-0.06
75) Chrysene-d12	13.58	240	117688	20.00	ng	-0.05
86) Perylene-d12	14.93	264	92547	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.05	112	600520	95.08	ng	-0.05
7) Phenol-d6	6.12	99	692336	96.02	ng	-0.05
23) Nitrobenzene-d5	7.02	82	376390	65.70	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	94262	83.18	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	447902	53.00	ng	-0.06
78) Terphenyl-d14	12.53	244	274359	47.53	ng	-0.05

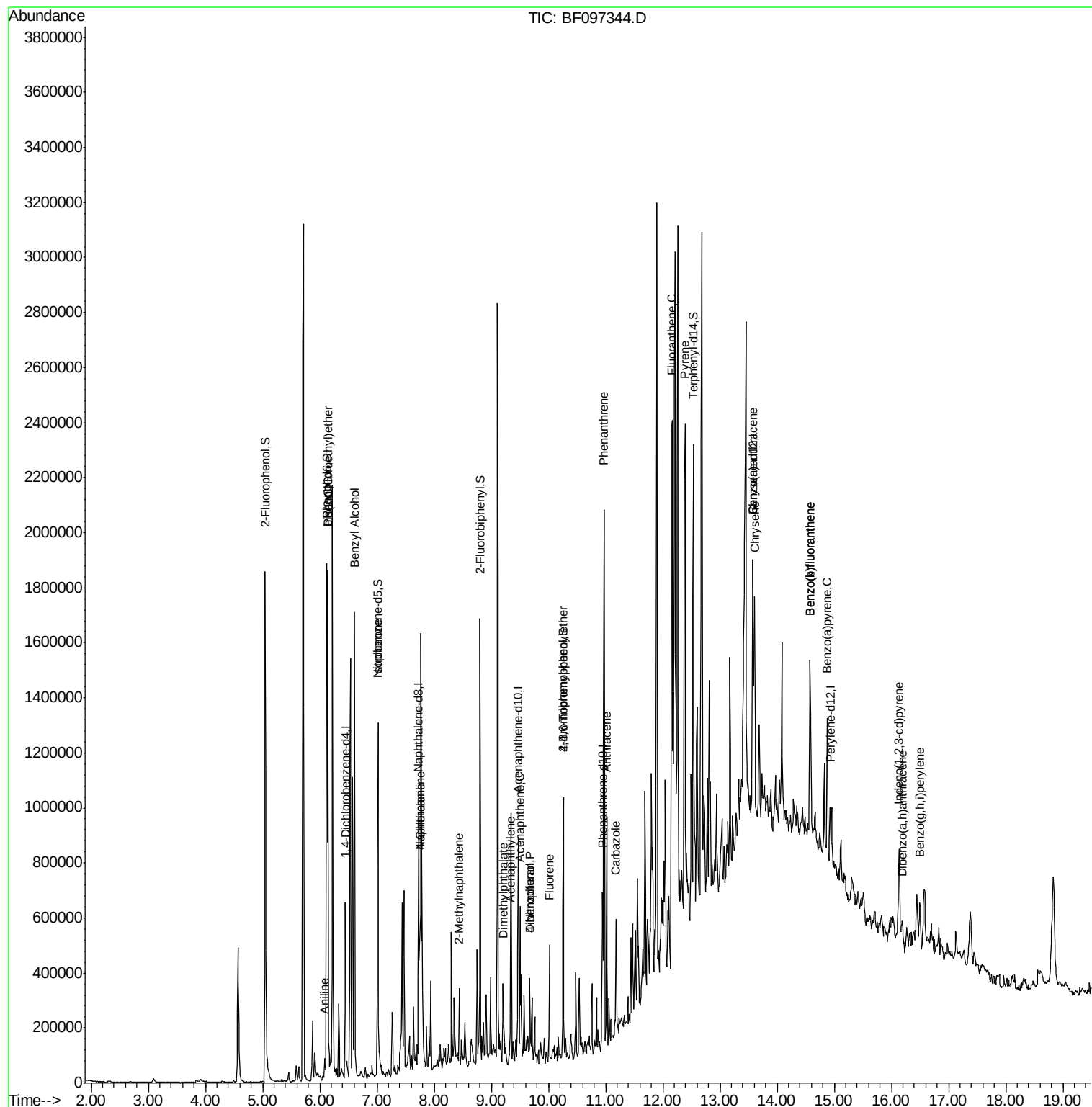
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.09	93	19655	2.166	ng	# 50
10) Phenol	6.14	94	55144	6.448	ng	# 66
11) bis(2-Chloroethyl)ether	6.14	93	300790	44.467	ng	# 22
15) Benzyl Alcohol	6.60	79	16462	3.606	ng	# 22
25) Isophorone	7.02	82	373892	33.327	ng	# 67
31) Naphthalene	7.75	128	227810	14.380	ng	100
33) 4-Chloroaniline	7.75	127	29288	4.544	ng	# 37
37) 2-Methylnaphthalene	8.44	142	51182	5.103	ng	98
48) Acenaphthylene	9.33	152	47119	3.405	ng	99
49) Dimethylphthalate	9.20	163	91711	8.420	ng	100
51) Acenaphthene	9.50	154	95148	11.673	ng	99
54) Dibenzofuran	9.67	168	93636	8.624	ng	98
55) 4-Nitrophenol	9.67	139	35355	20.733	ng	# 31
57) Fluorene	10.02	166	109808	13.457	ng	99
66) 4-Bromophenyl-phenylether	10.26	248	5822	2.881	ng	# 1
70) Phenanthrene	10.97	178	819482	75.517	ng	99
71) Anthracene	11.02	178	260733	23.459	ng	98
72) Carbazole	11.18	167	158761	14.524	ng	99
74) Fluoranthene	12.16	202	964557	90.732	ng	98
77) Pvrene	12.39	202	778464	80.798	ng	99
80) Benzo(a)anthracene	13.57	228	376985	49.506	ng	98
82) Chrysene	13.61	228	322188	43.330	ng	96
85) Indeno(1,2,3-cd)pyrene	16.13	276	146050	22.906	ng	97
87) Benzo(b)fluoranthene	14.57	252	466371	83.831	ng	# 96
88) Benzo(k)fluoranthene	14.57	252	466371	87.974	ng	99
89) Benzo(a)pyrene	14.87	252	245899	48.295	ng	# 95
90) Dibenzo(a,h)anthracene	16.19	278	15565	3.728	ng	# 66
91) Benzo(g,h,i)perylene	16.50	276	139381	31.833	ng	97

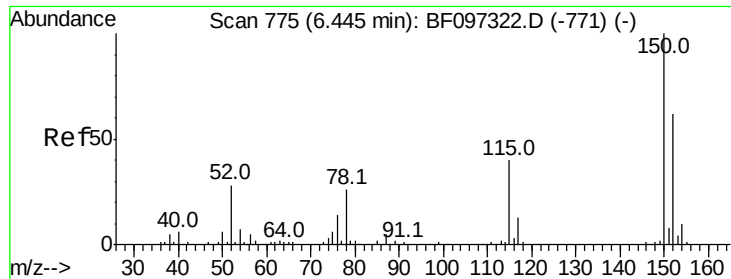
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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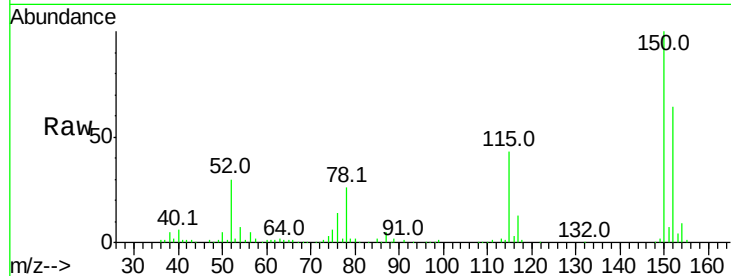


#1

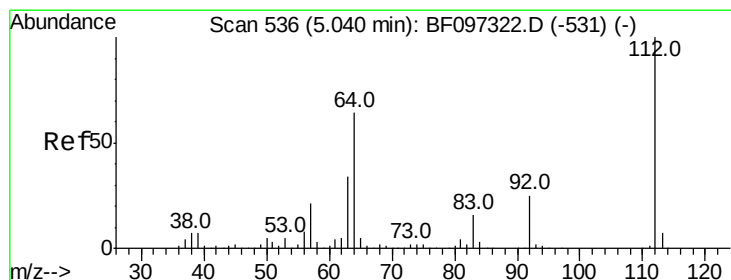
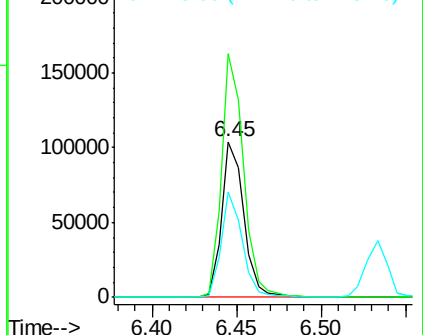
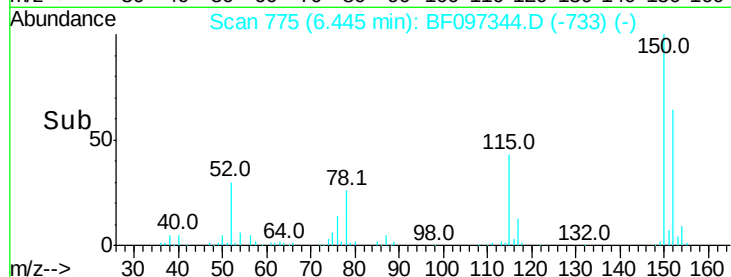
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95212
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 67.4 52.2 78.2



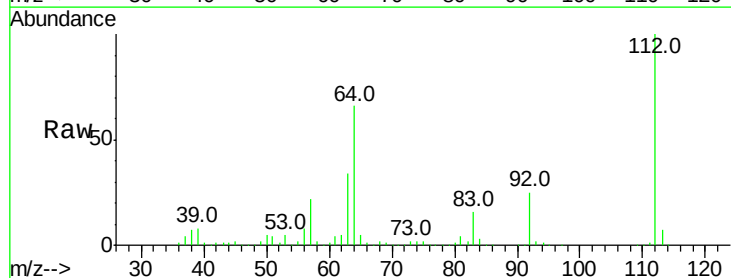
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



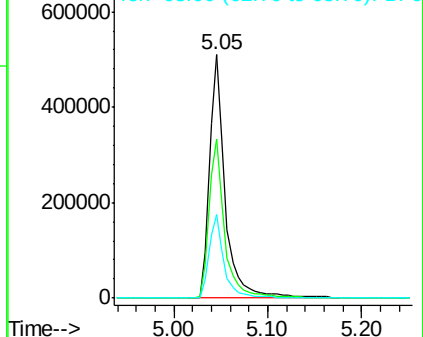
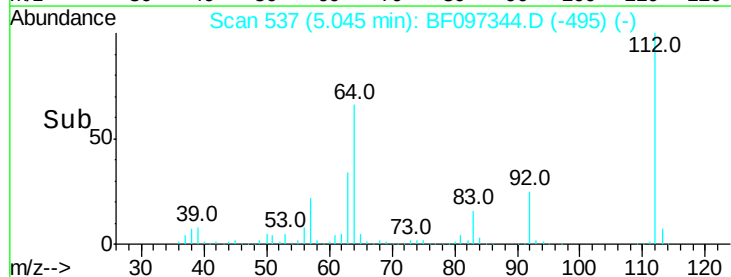
#5

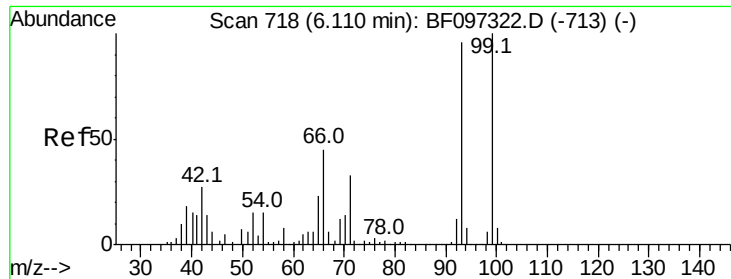
2-Fluorophenol
Concen: 95.080 ng
RT: 5.05 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

Tgt Ion:112 Resp: 600520
Ion Ratio Lower Upper
112 100
64 65.6 46.0 69.0
63 34.4 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





#6

Aniline

Concen: 2.166 ng

RT: 6.09 min Scan# 714

Delta R.T. -0.08 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

Instrument :

BNA_F

ClientSampled :

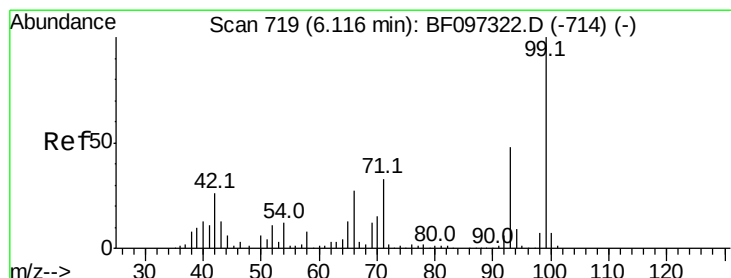
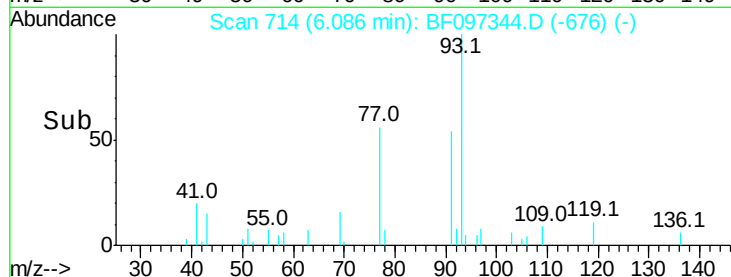
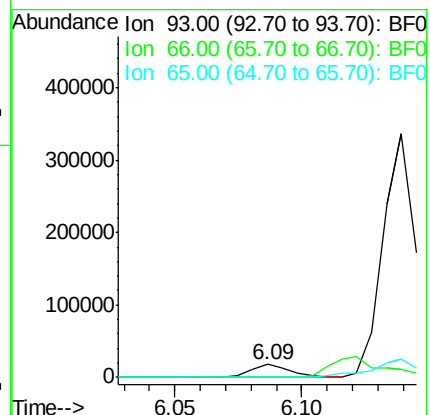
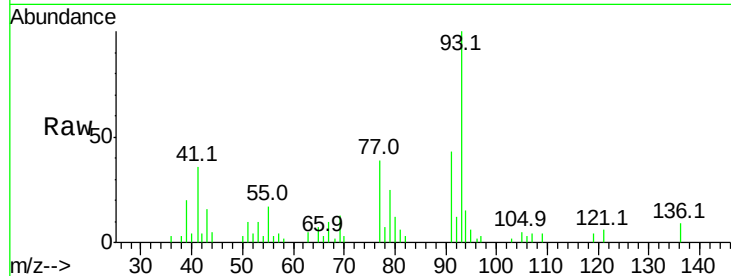
Tot Ion: 93 Resp: 19655

Ion Ratio Lower Upper

93 100

66 2.9 32.9 49.3#

65 6.7 16.0 24.0#



#7

Phenol-d6

Concen: 96.019 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

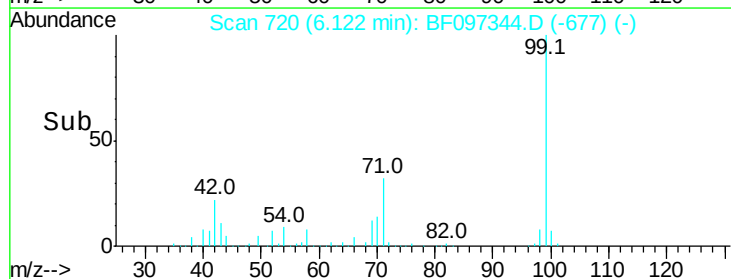
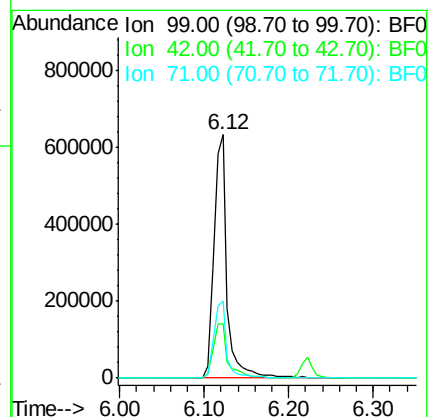
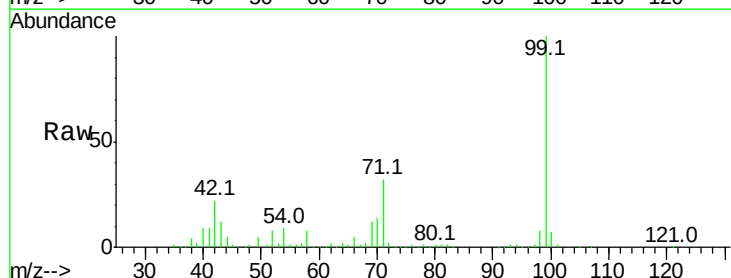
Tgt Ion: 99 Resp: 692336

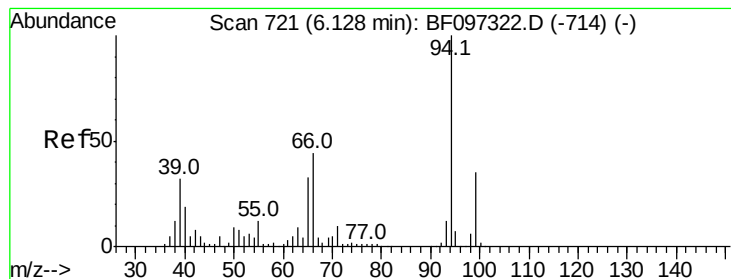
Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

71 31.7 24.5 36.7





#10

Phenol

Concen: 6.448 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

Instrument :

BNA_F

ClientSampleId :

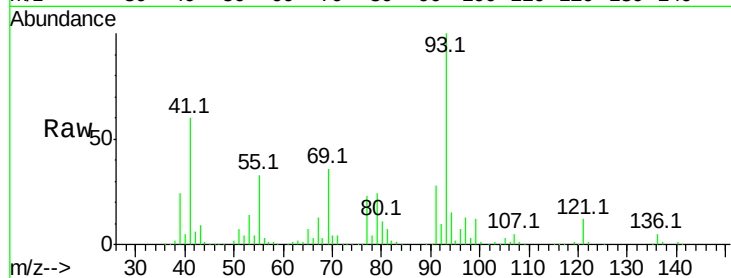
Tot Ion: 94 Resp: 55144

Ion Ratio Lower Upper

94 100

65 49.1 9.9 49.9

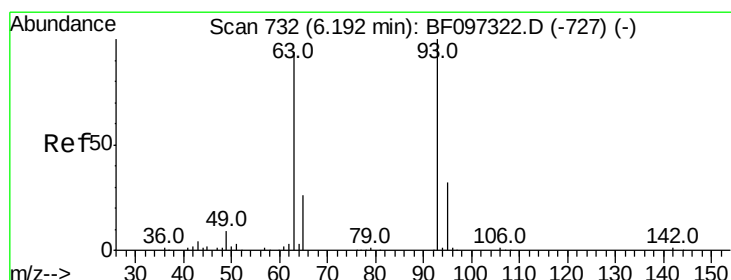
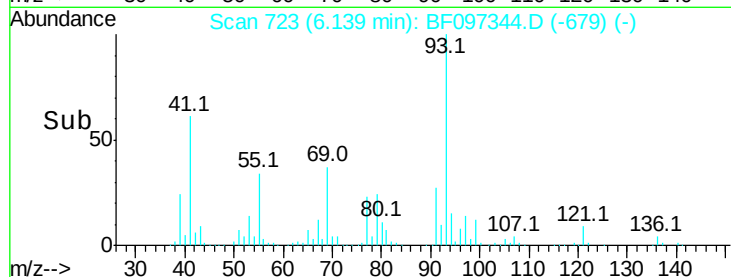
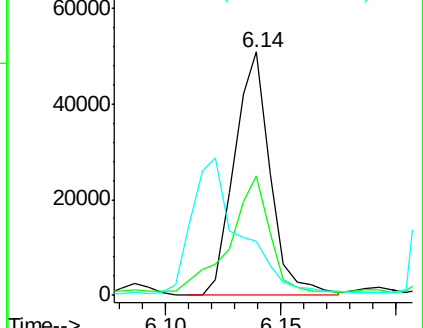
66 22.4 23.1 63.1#



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



#11

bis(2-Chloroethyl)ether

Concen: 44.467 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.11 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

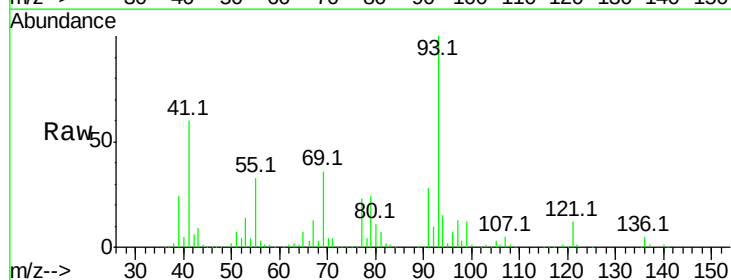
Tgt Ion: 93 Resp: 300790

Ion Ratio Lower Upper

93 100

63 2.0 59.2 99.2#

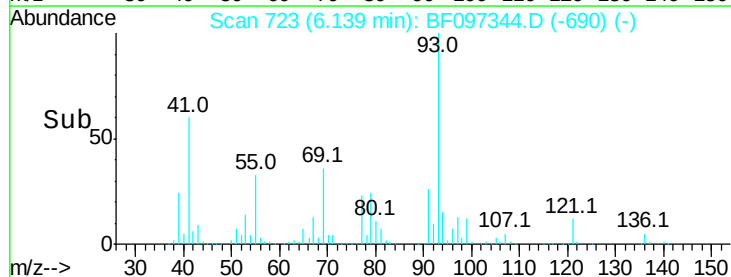
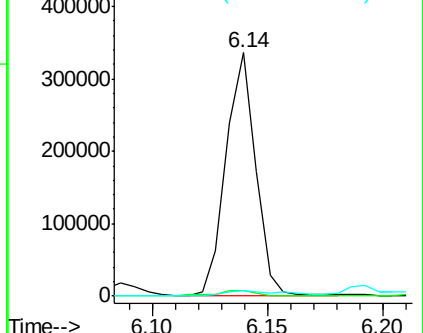
95 2.5 12.8 52.8#

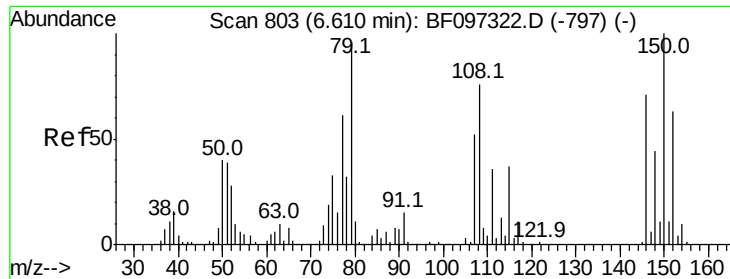


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

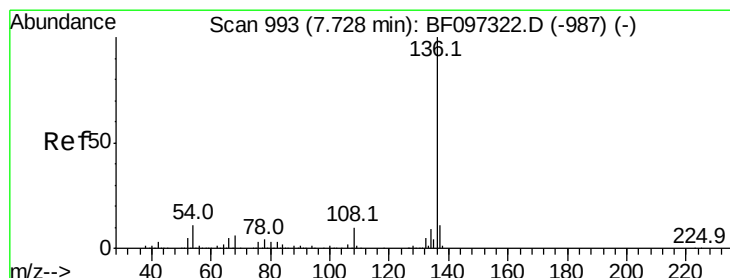
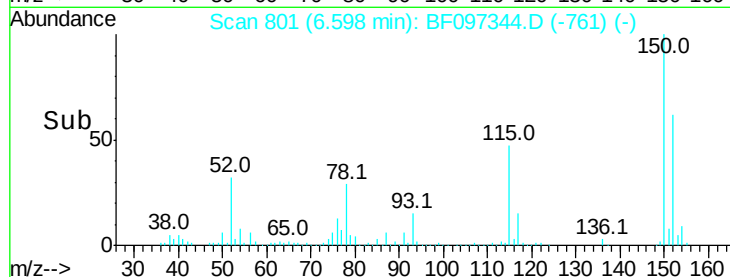
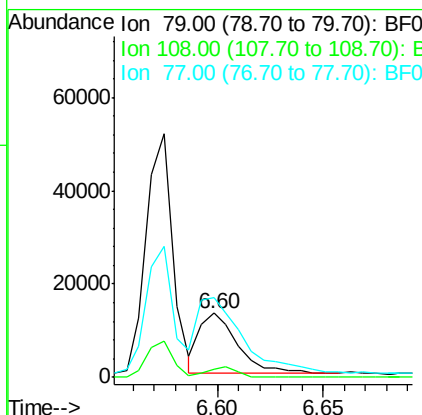
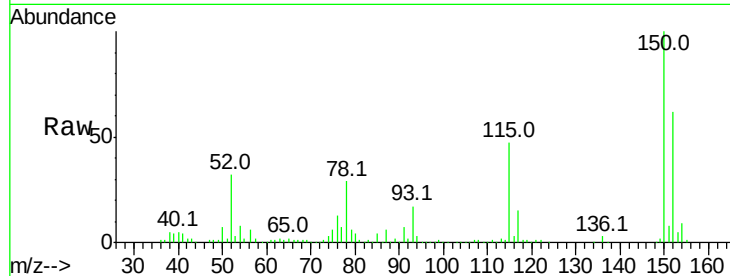




#15
Benzyl Alcohol
Concen: 3.606 ng
RT: 6.60 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

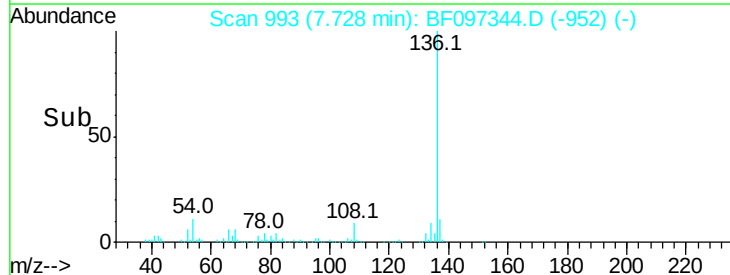
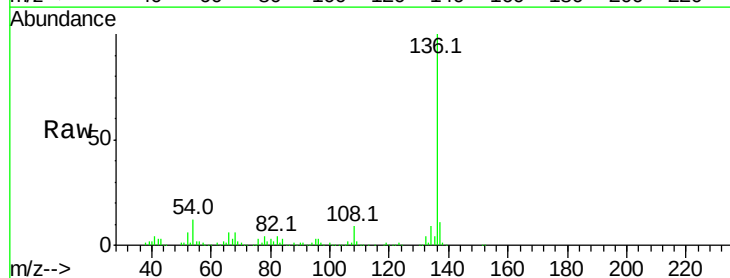
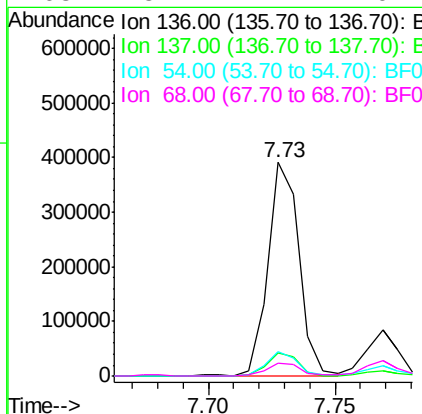
Instrument :
BNA_F
ClientSampleId :

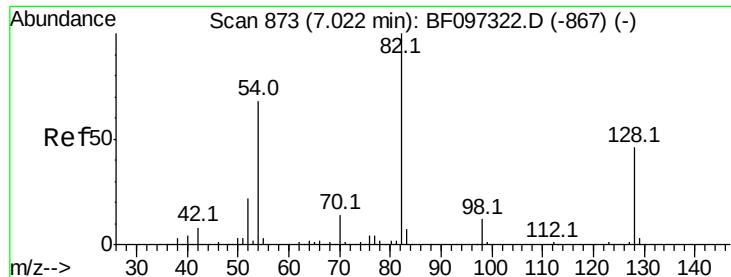
Tot Ion: 79 Resp: 16462
Ion Ratio Lower Upper
79 100
108 11.7 63.4 95.0#
77 123.1 49.2 73.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

Tgt Ion: 136 Resp: 336066
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.5 4.9 7.3#
68 5.7 4.1 6.1

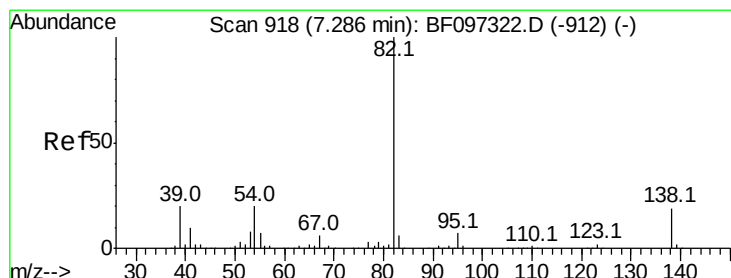
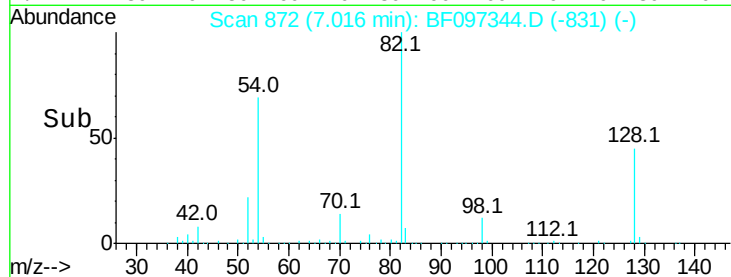
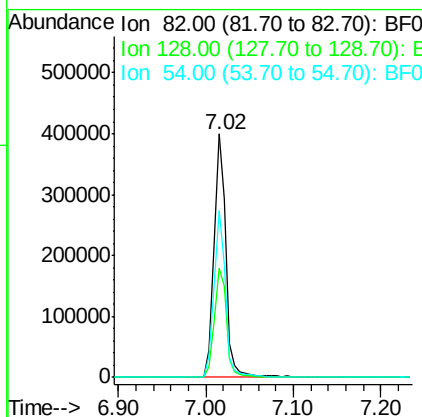
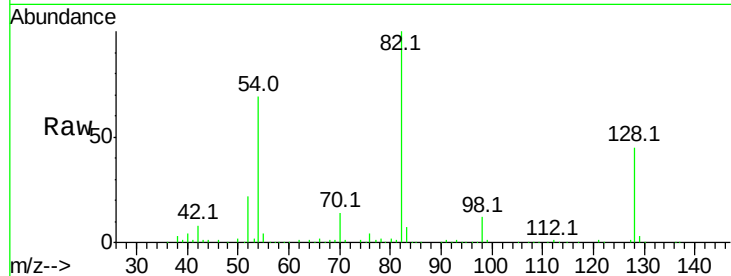




#23
 Nitrobenzene-d5
 Concen: 65.703 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.06 min
 Lab File: BF097344.D
 Acq: 4 Aug 2017 4:04

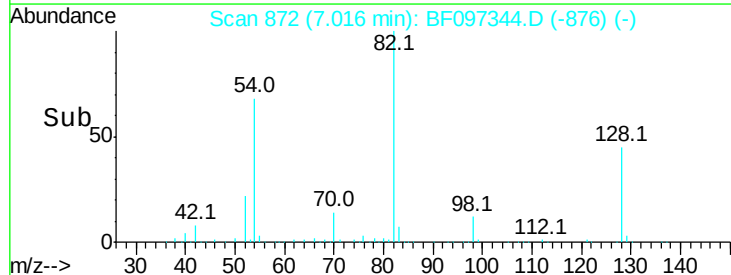
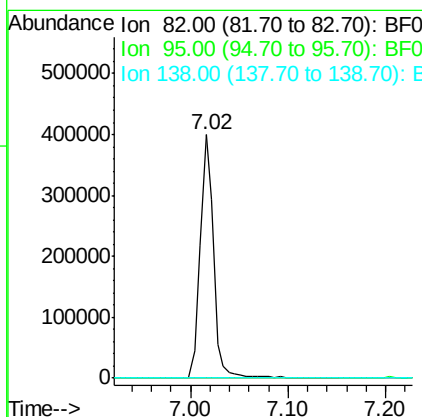
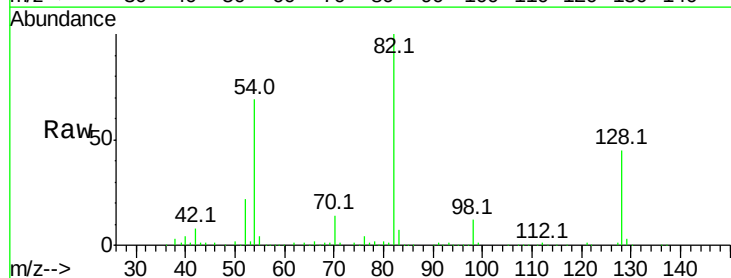
Instrument :
 BNA_F
 ClientSampled :

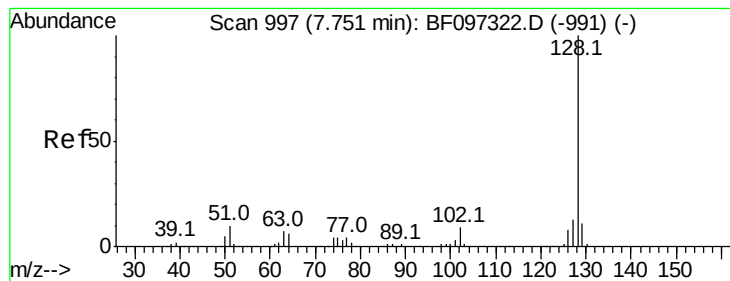
Tot Ion	82	Resp	376390
Ion Ratio	Lower	Upper	
82	100		
128	45.0	34.0	51.0
54	68.6	42.2	63.2#



#25
 Isophorone
 Concen: 33.327 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.32 min
 Lab File: BF097344.D
 Acq: 4 Aug 2017 4:04

Tgt Ion	82	Resp	373892
Ion Ratio	Lower	Upper	
82	100		
95	0.2	5.3	7.9#
138	0.0	13.1	19.7#





#31

Naphthalene

Concen: 14.380 ng

RT: 7.75 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

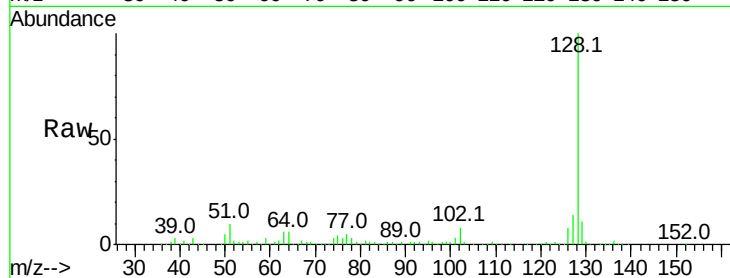
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 227810

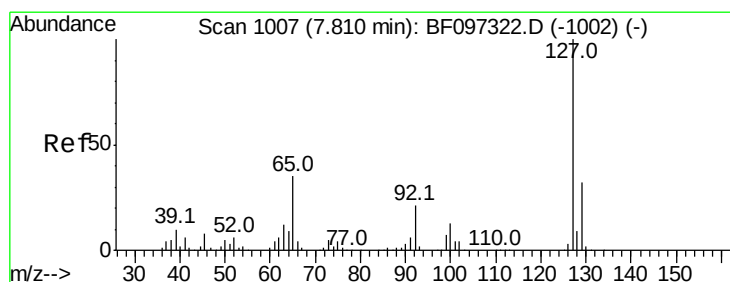
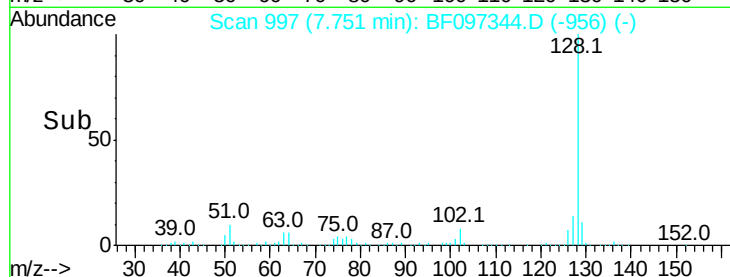
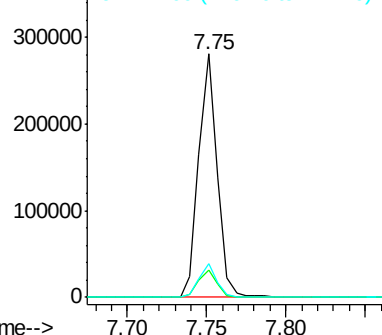
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.7	10.8	16.2



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: 4.544 ng

RT: 7.75 min Scan# 997

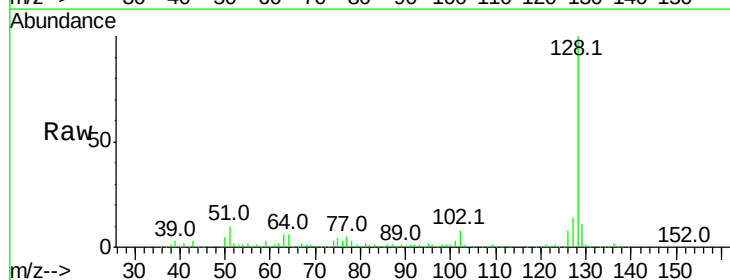
Delta R.T. -0.11 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

Tgt Ion:127 Resp: 29288

Ion	Ratio	Lower	Upper
127	100		
129	83.3	26.2	39.2#
65	2.9	27.8	41.8#
92	4.6	16.8	25.2#

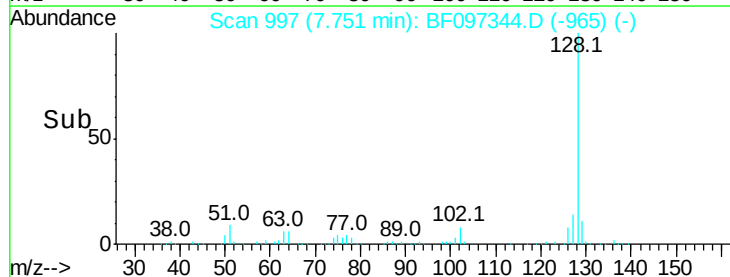
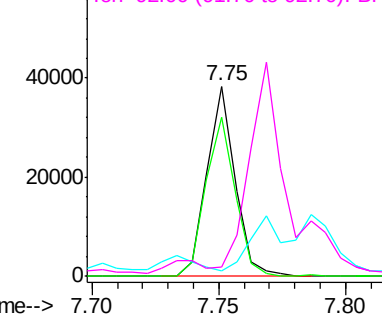


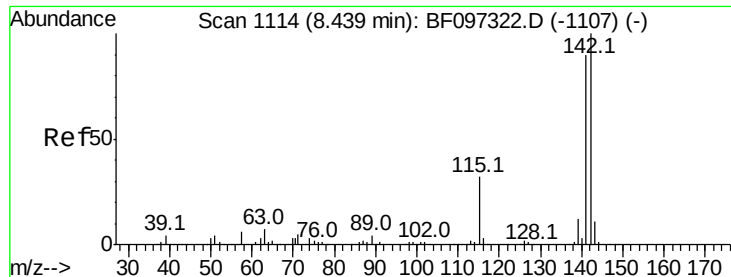
Abundance Ion 127.00 (126.70 to 127.70): E

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

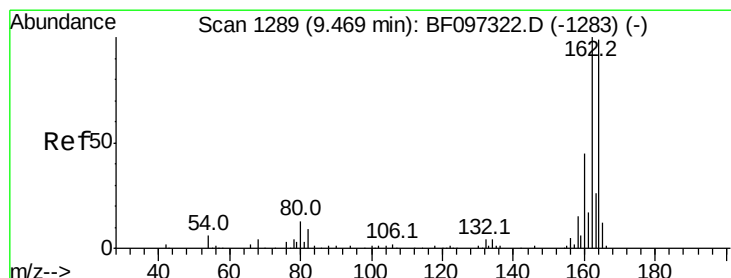
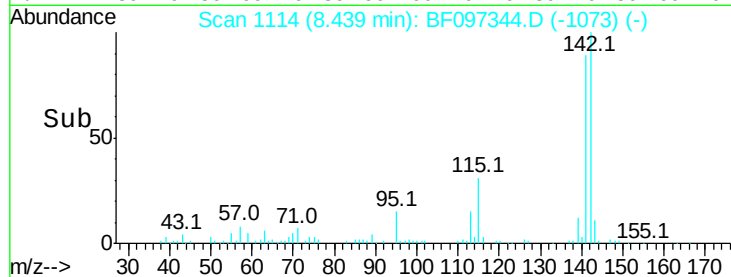
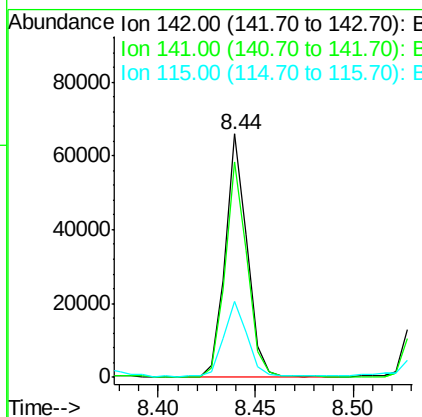
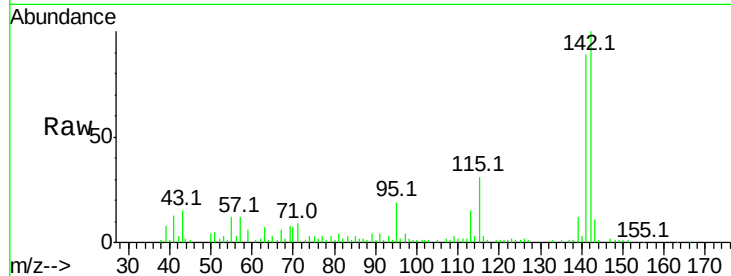




#37
 2-Methylnaphthalene
 Concen: 5.103 ng
 RT: 8.44 min Scan# 1114
 Delta R.T. -0.06 min
 Lab File: BF097344.D
 Acq: 4 Aug 2017 4:04

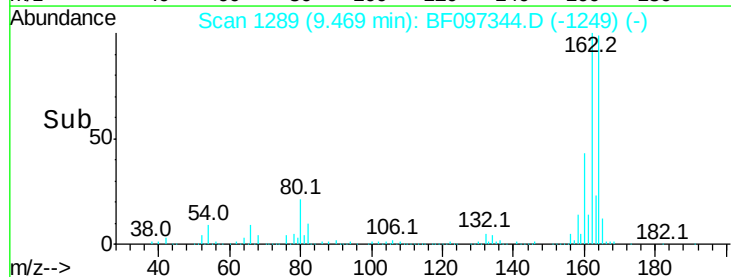
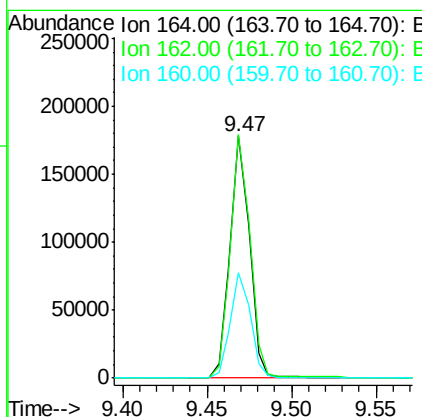
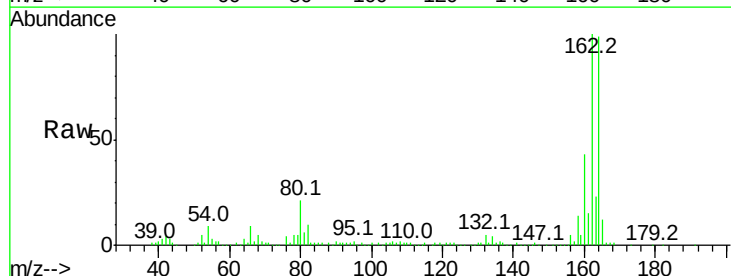
Instrument :
 BNA_F
 ClientSampled :

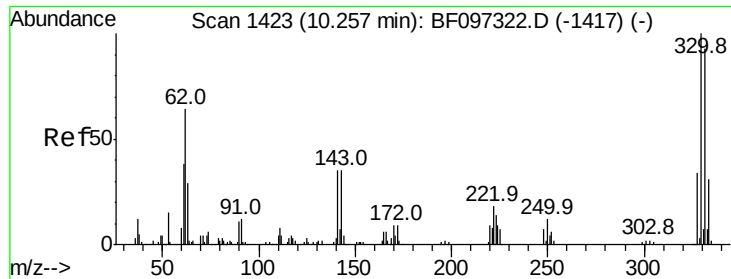
Tot Ion:142 Resp: 51182
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.3 106.9
 115 31.3 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF097344.D
 Acq: 4 Aug 2017 4:04

Tgt Ion:164 Resp: 143433
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 123.8
 160 43.5 36.2 54.2

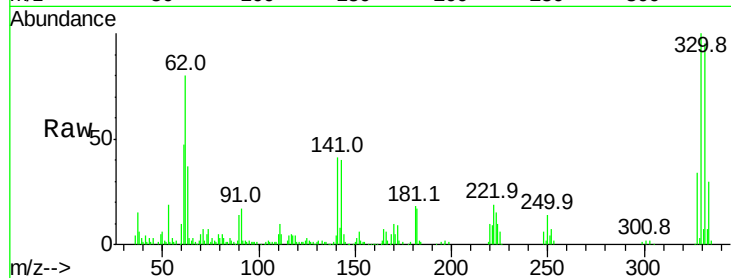




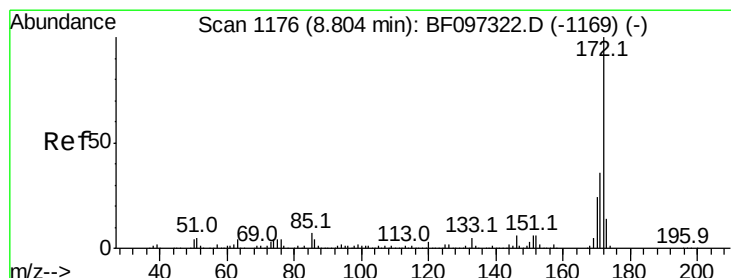
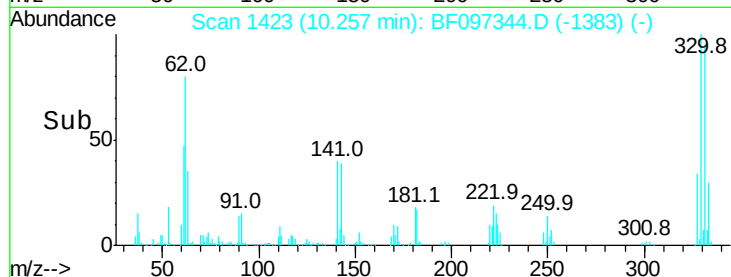
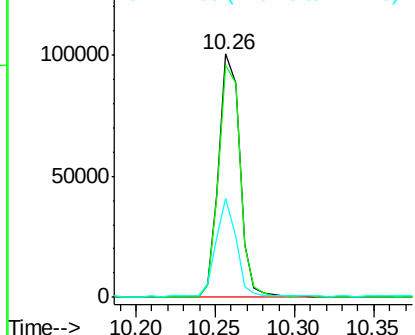
#41
 2,4,6-Tribromophenol
 Concen: 83.178 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.06 min
 Lab File: BF097344.D
 Acq: 4 Aug 2017 4:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 94262
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 40.2 31.4 47.2

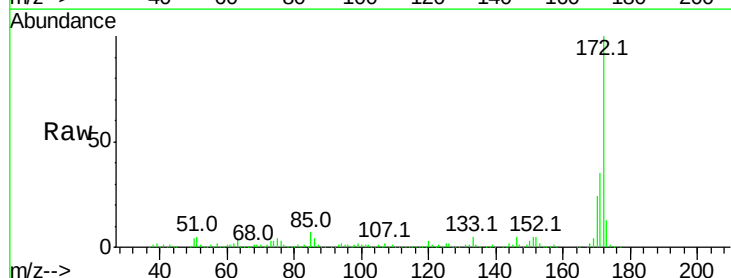


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

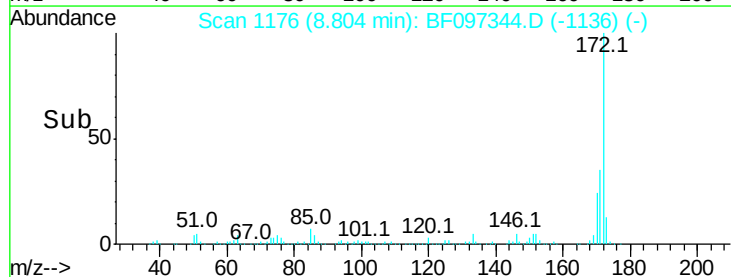
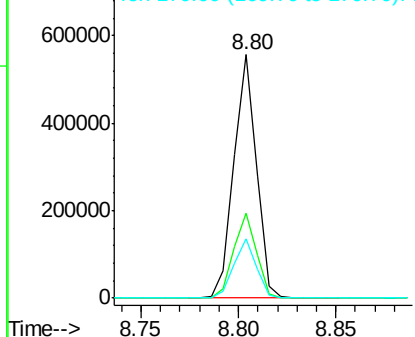


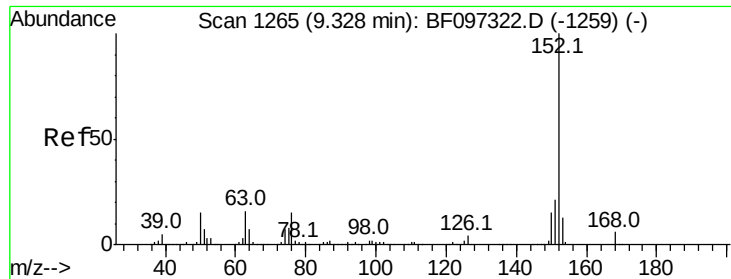
#44
 2-Fluorobiphenyl
 Concen: 52.996 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF097344.D
 Acq: 4 Aug 2017 4:04

Tgt Ion:172 Resp: 447902
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 24.3 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 3.405 ng

RT: 9.33 min Scan# 1266

Delta R.T. -0.06 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

Instrument :

BNA_F

ClientSampleId :

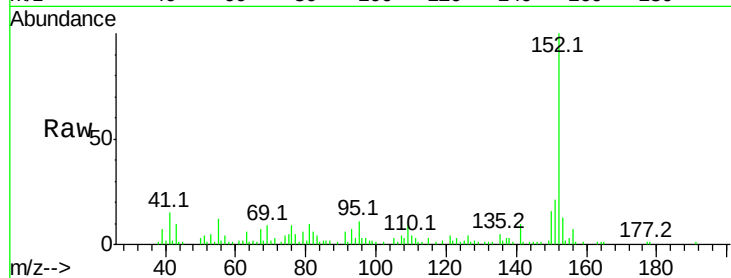
Tot Ion:152 Resp: 47119

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

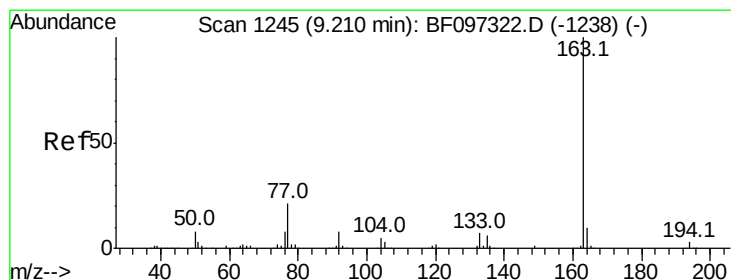
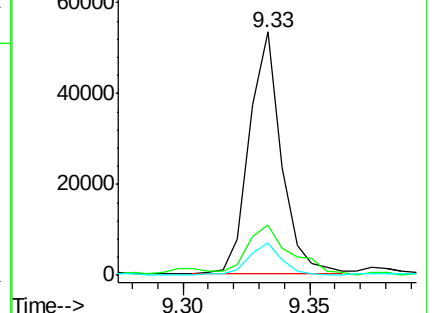
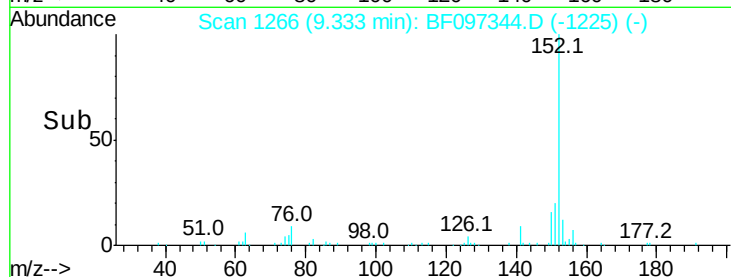
153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 8.420 ng

RT: 9.20 min Scan# 1244

Delta R.T. -0.07 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

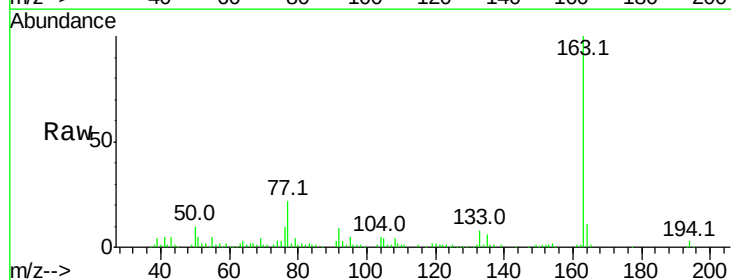
Tgt Ion:163 Resp: 91711

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

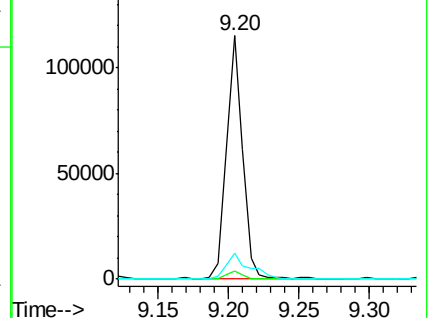
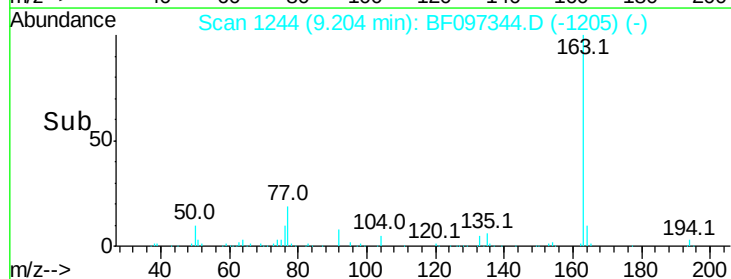
164 10.5 8.4 12.6

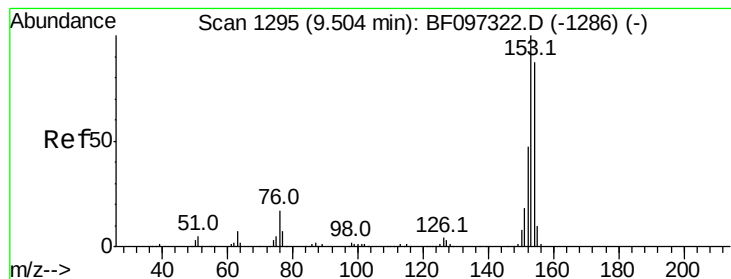


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 11.673 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.06 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

Instrument :

BNA_F

ClientSampleId :

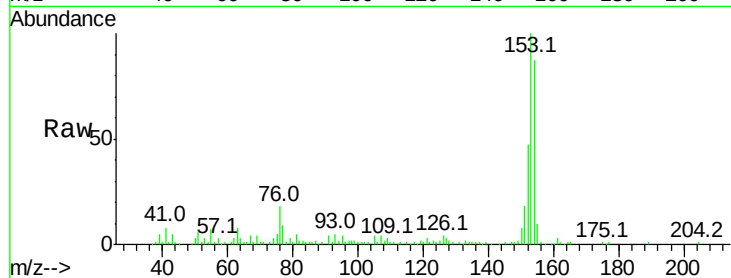
Tot Ion:154 Resp: 95148

Ion Ratio Lower Upper

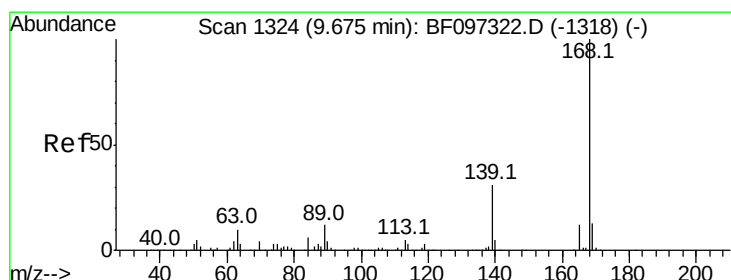
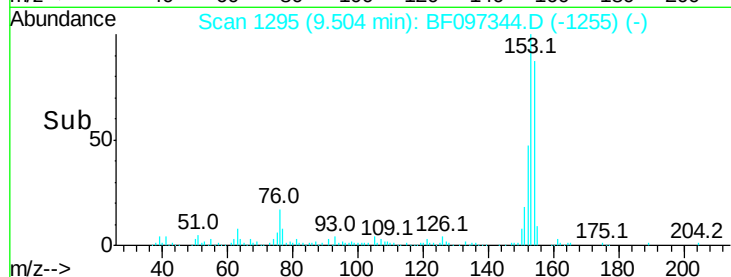
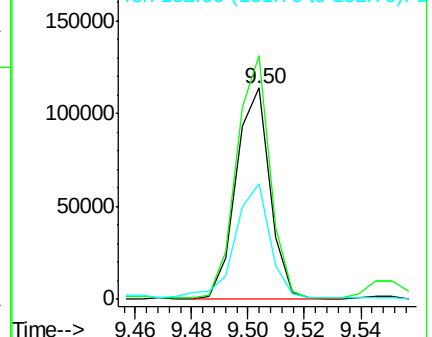
154 100

153 115.3 90.5 135.7

152 54.6 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: 8.624 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.06 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

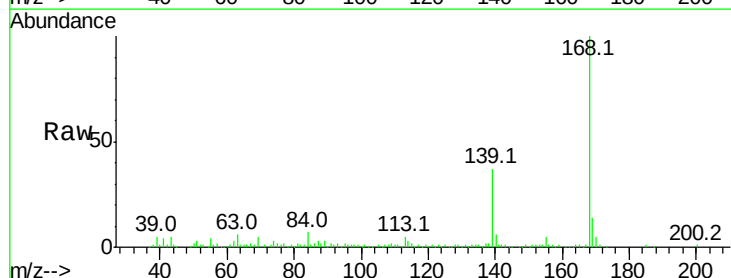
Tgt Ion:168 Resp: 93636

Ion Ratio Lower Upper

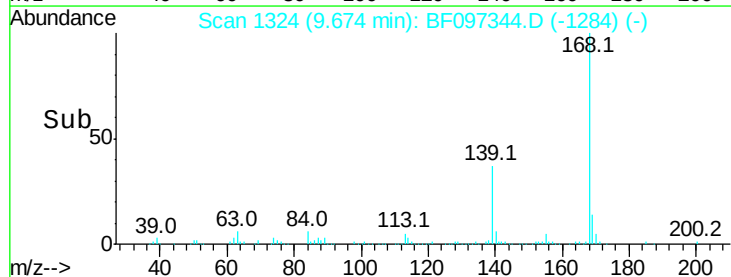
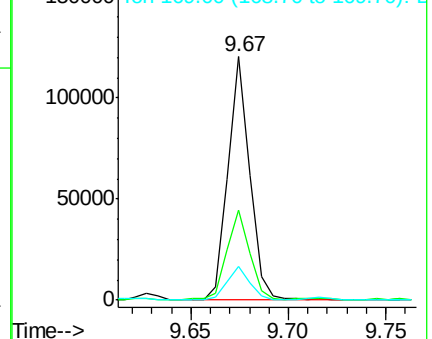
168 100

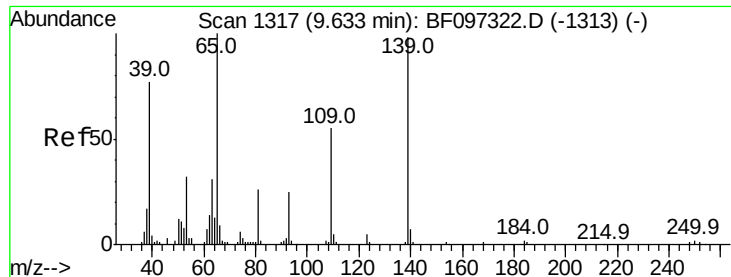
139 37.0 30.6 45.8

169 13.9 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: 20.733 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

Instrument :

BNA_F

ClientSampled :

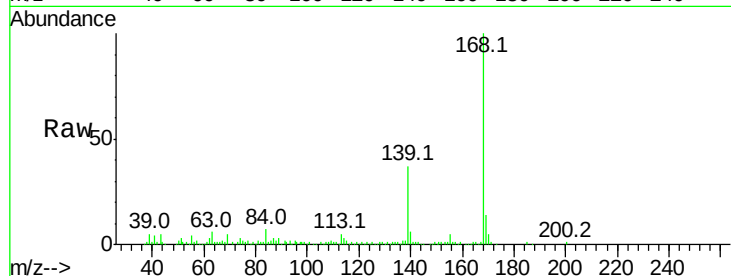
Tot Ion:139 Resp: 35355

Ion Ratio Lower Upper

139 100

109 4.5 34.1 74.1#

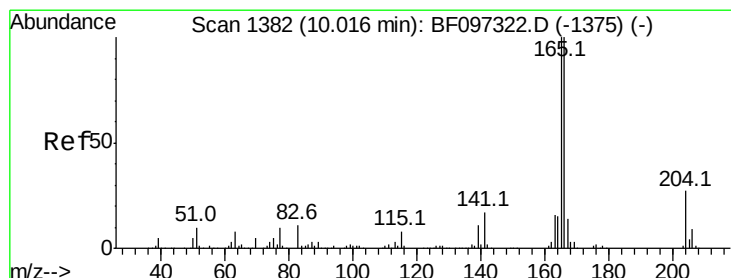
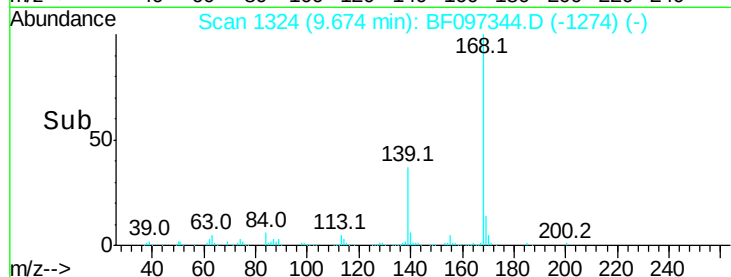
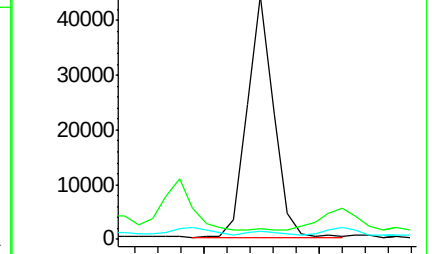
65 3.3 31.4 71.4#



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: 13.457 ng

RT: 10.02 min Scan# 1382

Delta R.T. -0.06 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

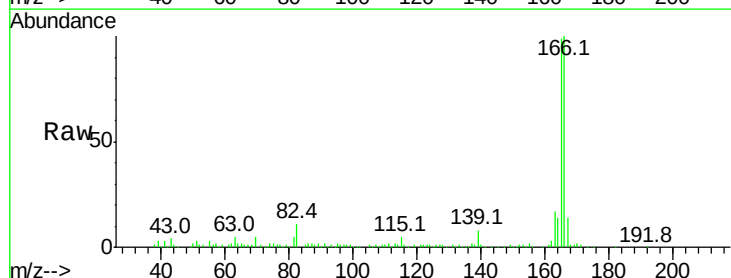
Tgt Ion:166 Resp: 109808

Ion Ratio Lower Upper

166 100

165 98.9 78.8 118.2

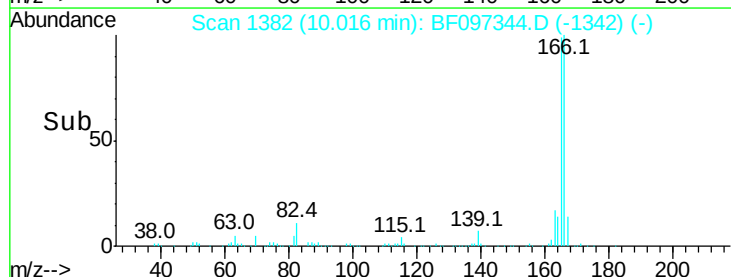
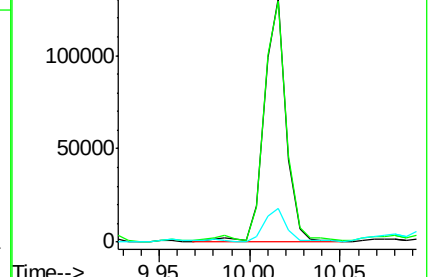
167 14.0 10.6 16.0

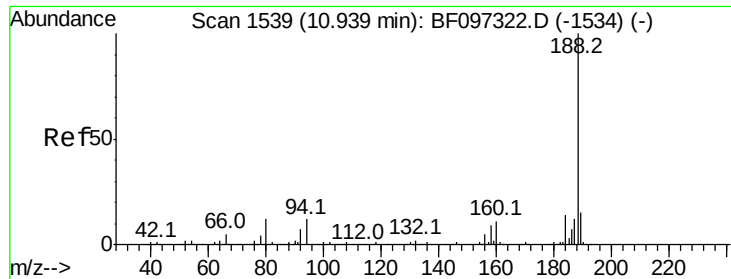


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

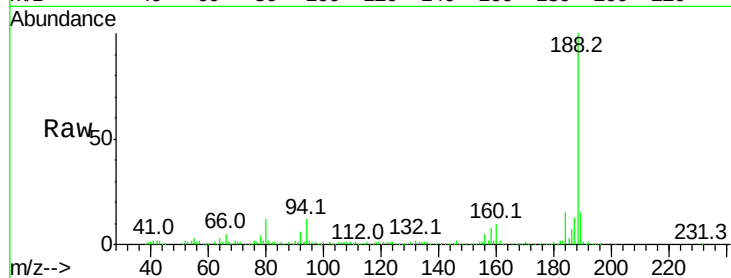




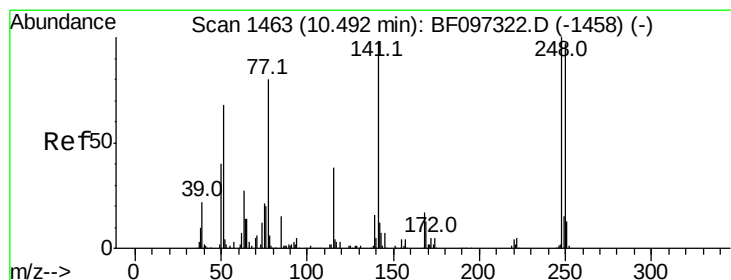
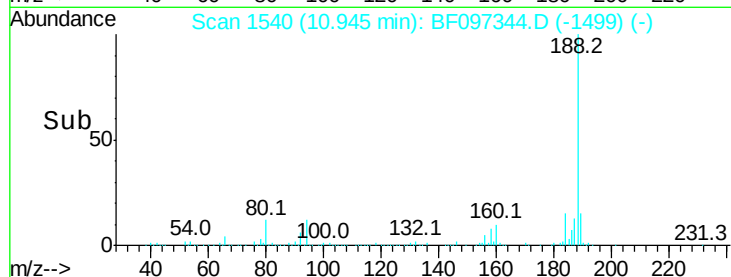
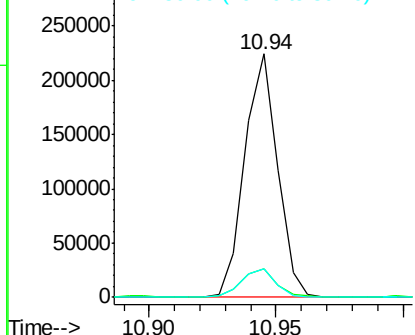
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.94 min Scan# 1540
 Delta R.T. -0.06 min
 Lab File: BF097344.D
 Acq: 4 Aug 2017 4:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 202529
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 11.8 10.2 15.2

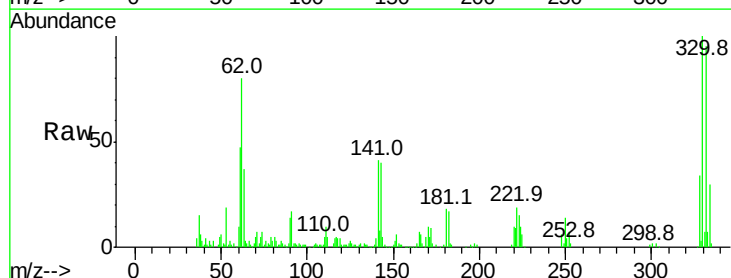


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

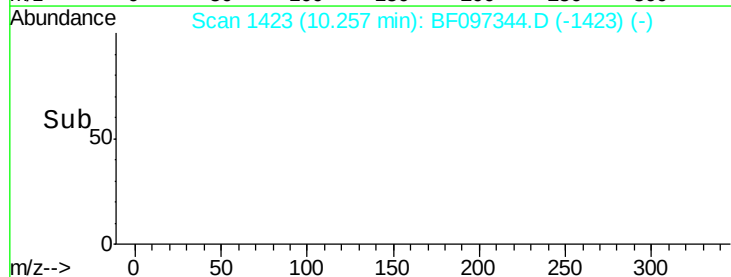
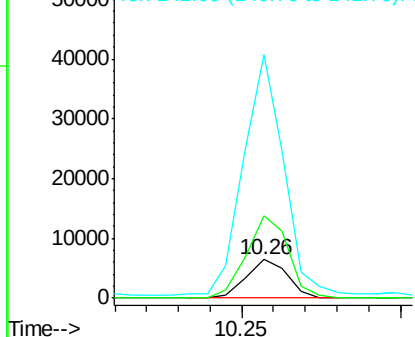


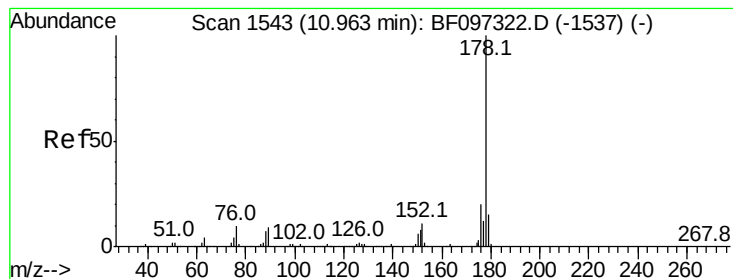
#66
 4-Bromophenyl-phenylether
 Concen: 2.881 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.30 min
 Lab File: BF097344.D
 Acq: 4 Aug 2017 4:04

Tgt Ion:248 Resp: 5822
 Ion Ratio Lower Upper
 248 100
 250 212.5 76.8 115.2#
 141 627.8 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 75.517 ng

RT: 10.97 min Scan# 1545

Delta R.T. -0.05 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

Instrument :

BNA_F

ClientSampleId :

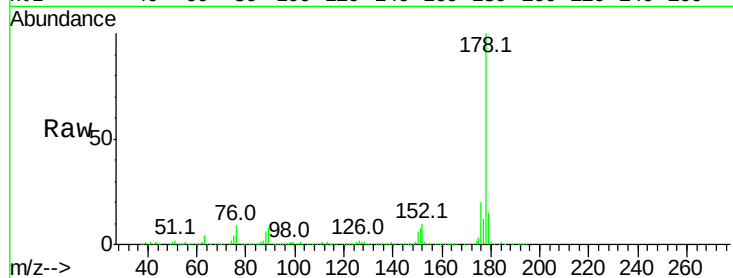
Tot Ion:178 Resp: 819482

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

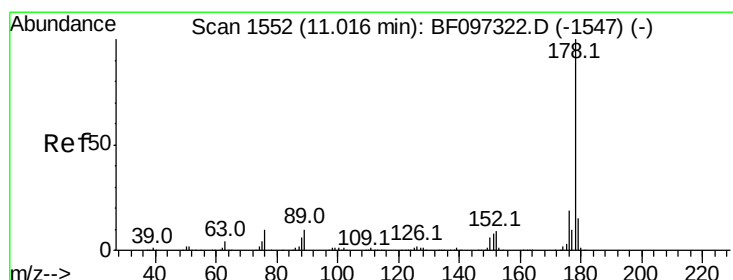
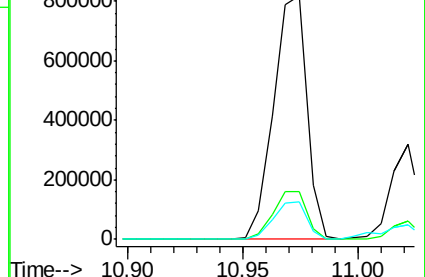
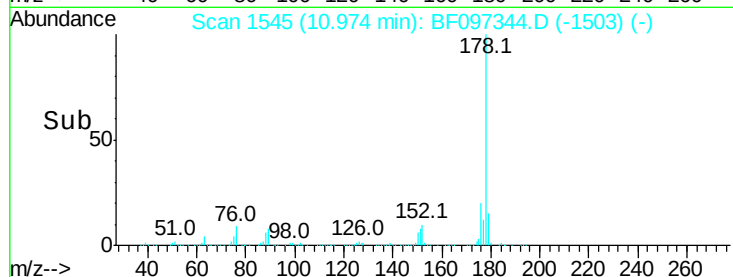
179 15.2 12.6 19.0



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: 23.459 ng

RT: 11.02 min Scan# 1553

Delta R.T. -0.06 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

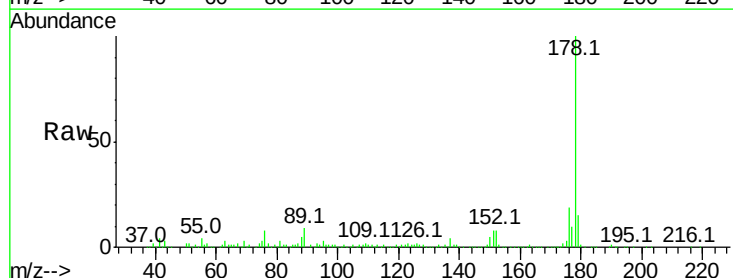
Tgt Ion:178 Resp: 260733

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

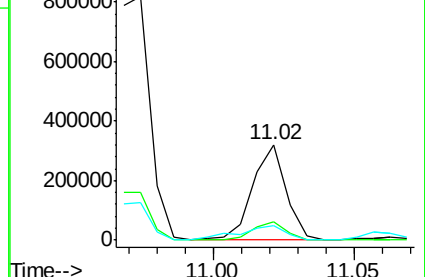
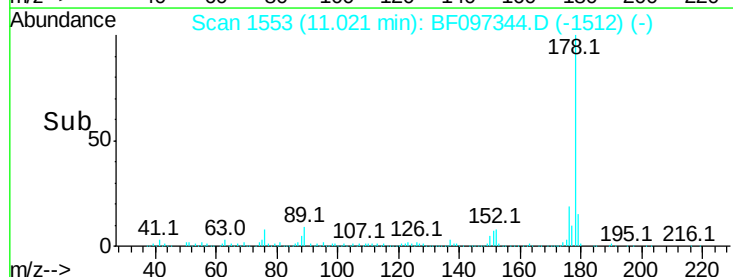
179 15.3 12.7 19.1

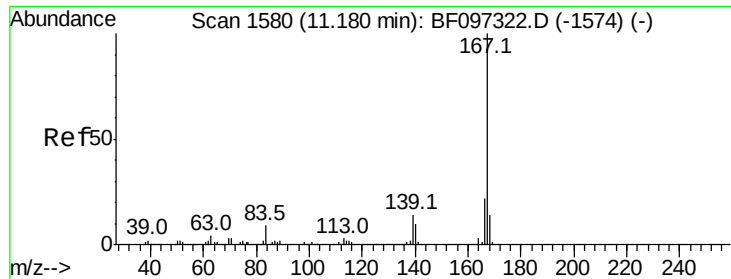


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 14.524 ng

RT: 11.18 min Scan# 1580

Delta R.T. -0.06 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

Instrument :

BNA_F

ClientSampled :

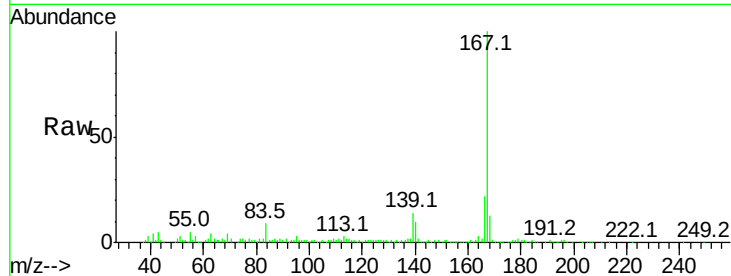
Tot Ion:167 Resp: 158761

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

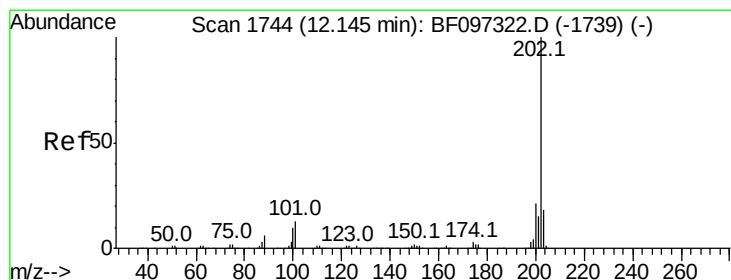
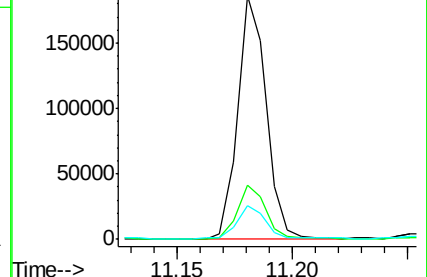
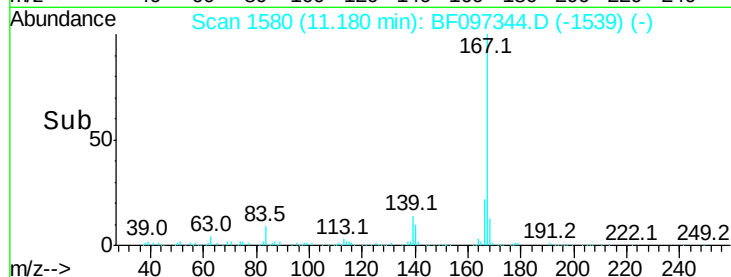
139 13.9 11.7 17.5



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: 90.732 ng

RT: 12.16 min Scan# 1747

Delta R.T. -0.05 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

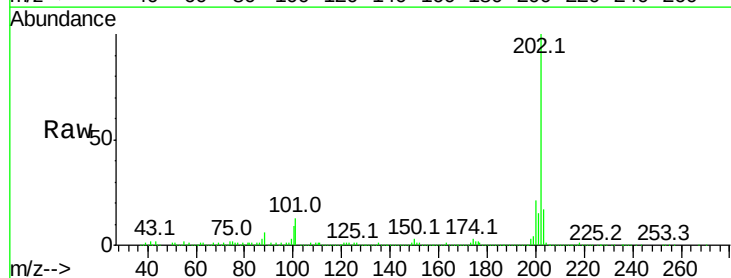
Tgt Ion:202 Resp: 964557

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

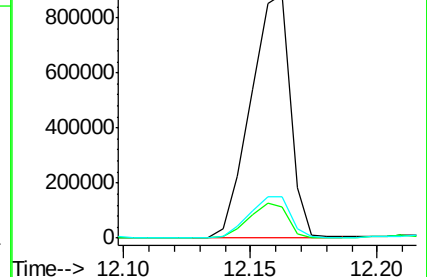
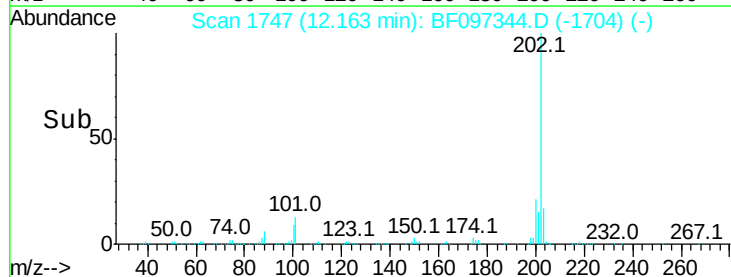
203 17.2 0.0 38.1

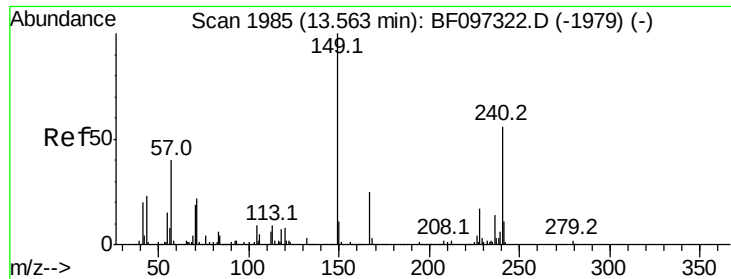


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.58 min Scan# 1988

Delta R.T. -0.05 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

Instrument :

BNA_F

ClientSampleId :

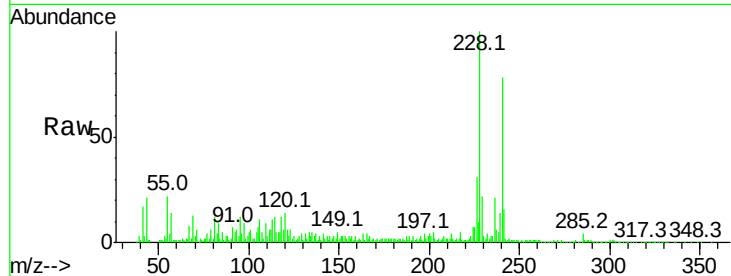
Tot Ion:240 Resp: 117688

Ion Ratio Lower Upper

240 100

120 18.1 5.8 8.8#

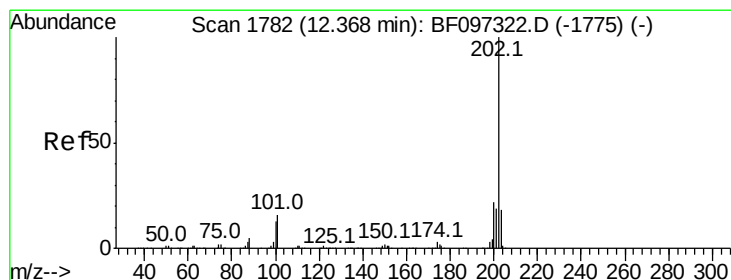
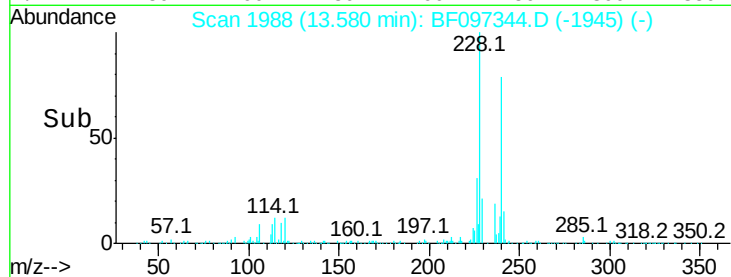
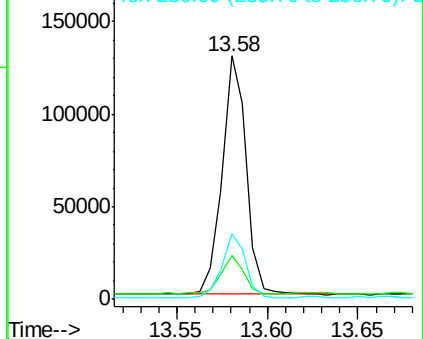
236 27.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 80.798 ng

RT: 12.39 min Scan# 1785

Delta R.T. -0.05 min

Lab File: BF097344.D

Acq: 4 Aug 2017 4:04

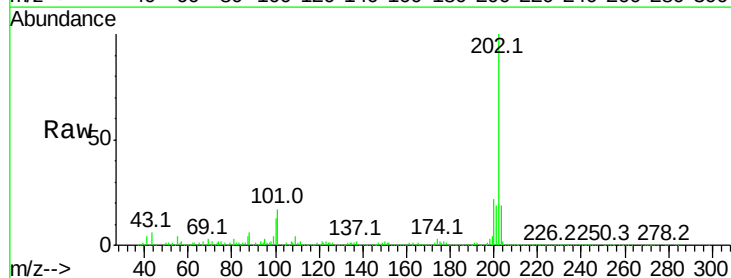
Tgt Ion:202 Resp: 778464

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

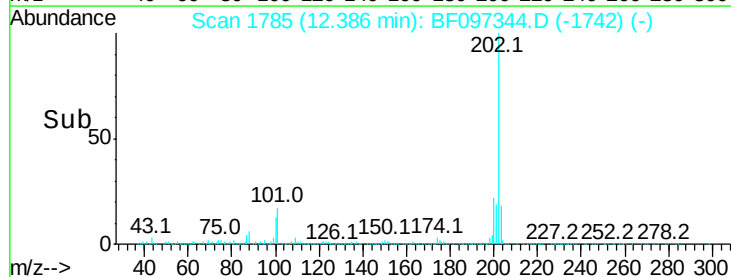
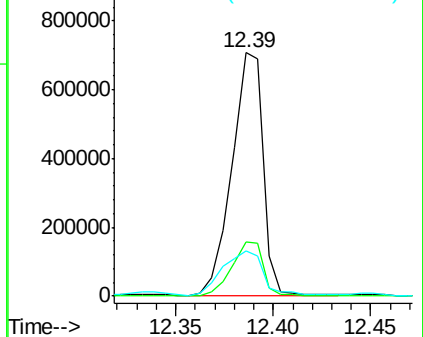
203 18.6 14.4 21.6

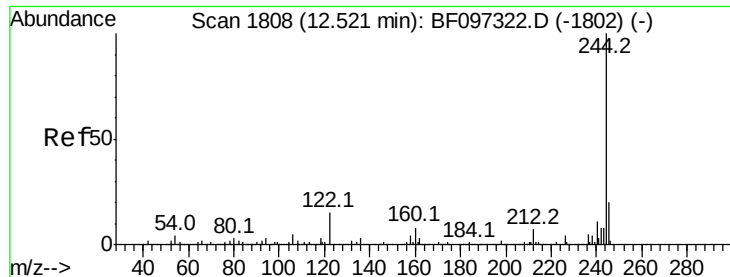


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

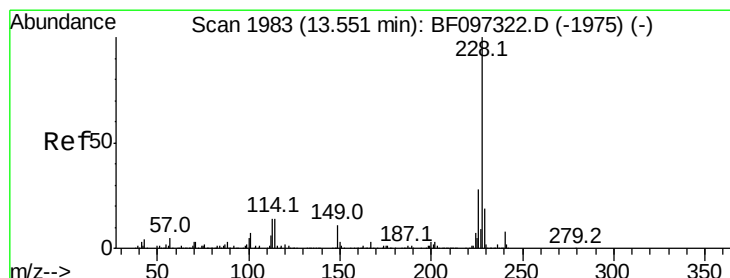
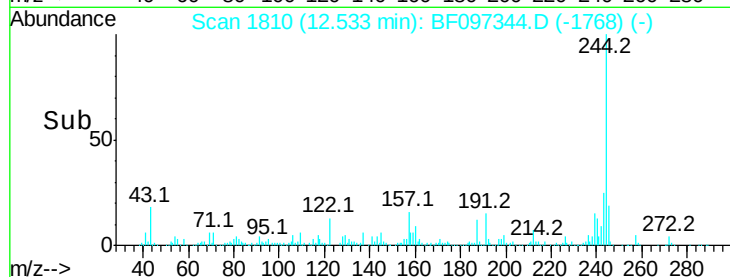
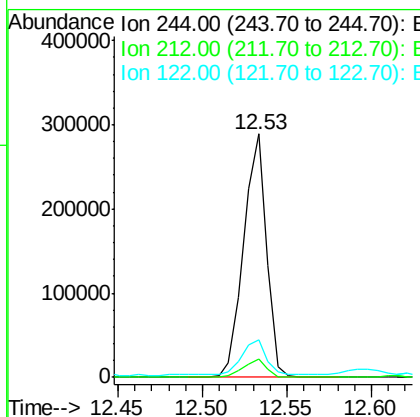
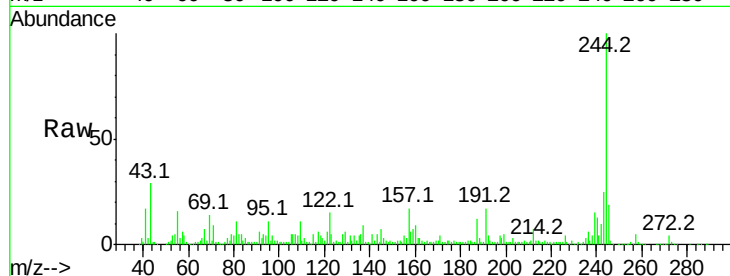




#78
 Terphenyl-d14
 Concen: 47.531 ng
 RT: 12.53 min Scan# 1810
 Delta R.T. -0.05 min
 Lab File: BF097344.D
 Acq: 4 Aug 2017 4:04

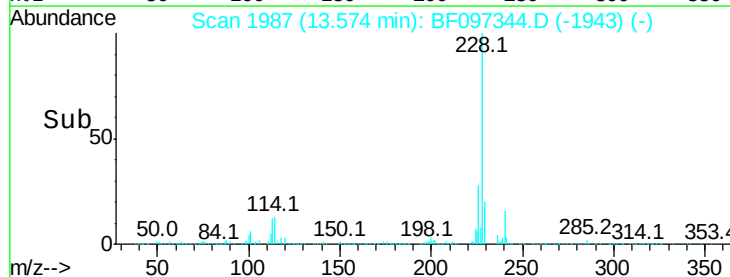
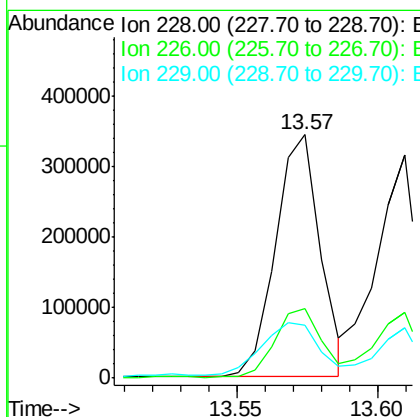
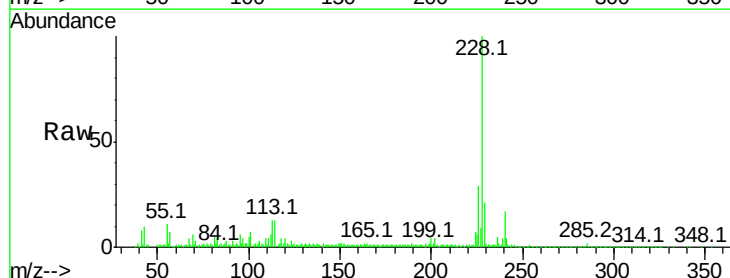
Instrument :
 BNA_F
 ClientSampleId :

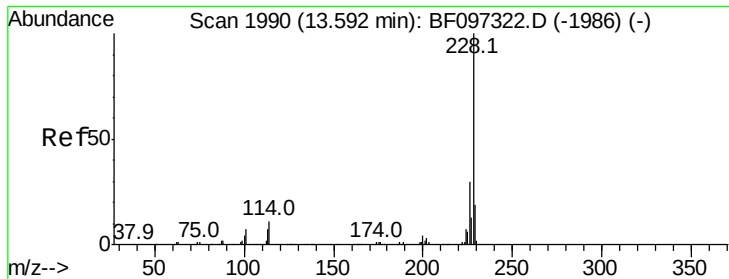
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	15.4	10.3	15.5



#80
 Benzo(a)anthracene
 Concen: 49.506 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.04 min
 Lab File: BF097344.D
 Acq: 4 Aug 2017 4:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.5	16.3	24.5

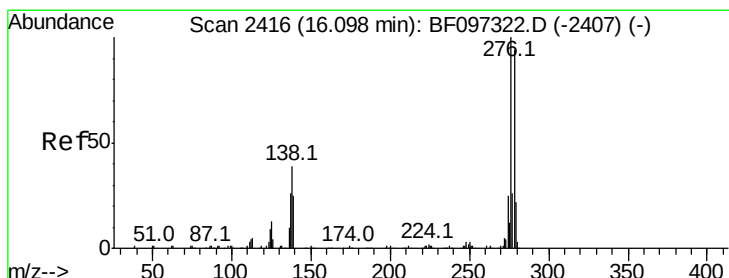
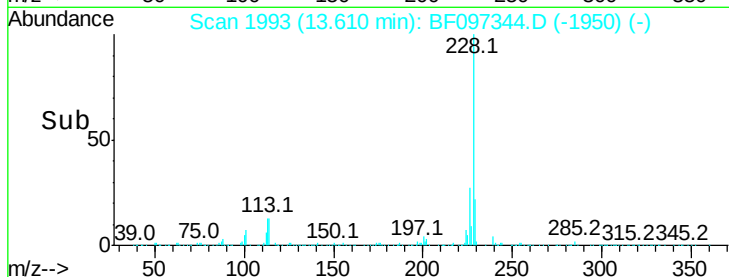
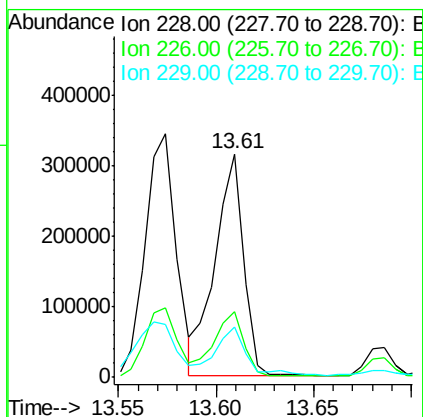
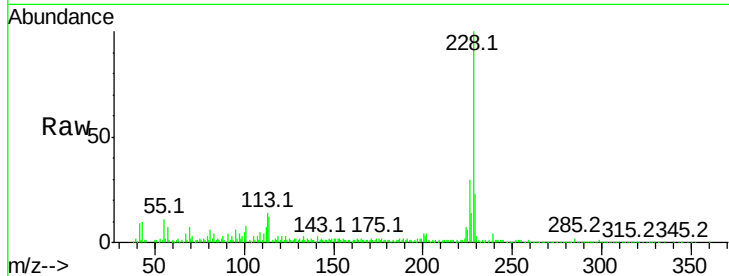




#82
Chrysene
Concen: 43.330 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.05 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

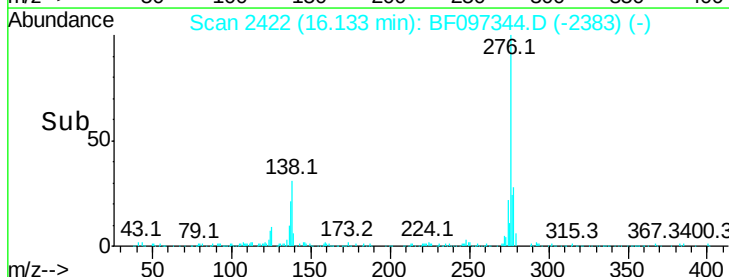
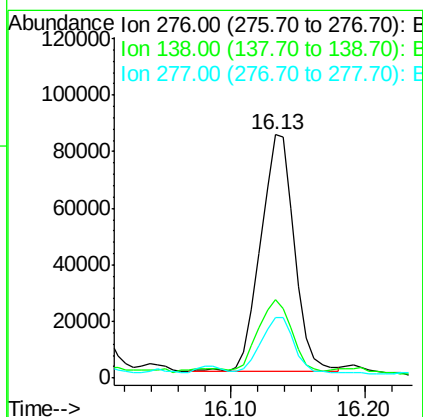
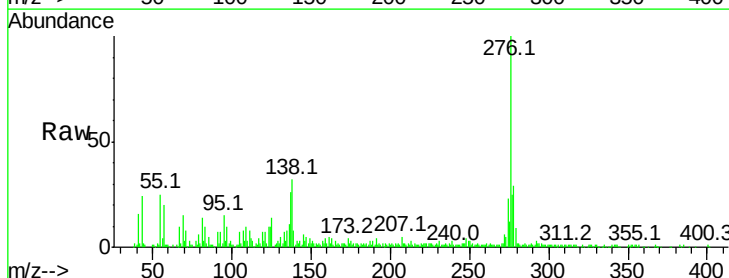
Instrument :
BNA_F
ClientSampleId :

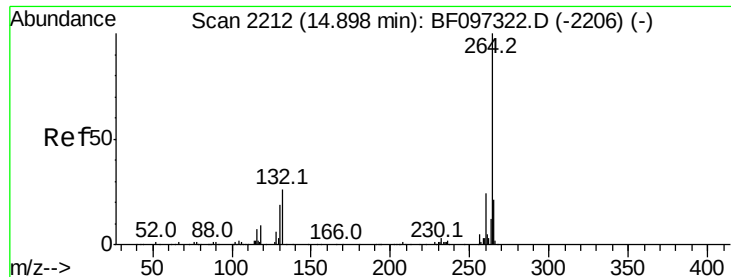
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	22.8	15.8	23.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 22.906 ng
RT: 16.13 min Scan# 2422
Delta R.T. -0.07 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.1	27.8	41.6
277	25.1	20.2	30.4

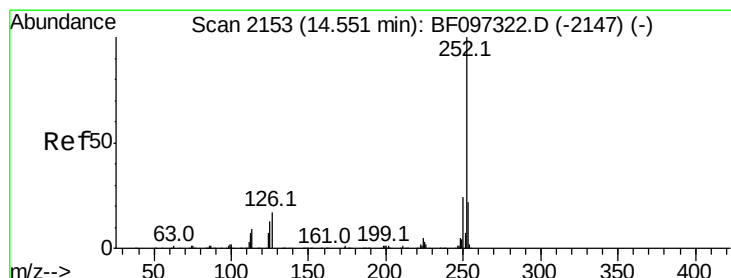
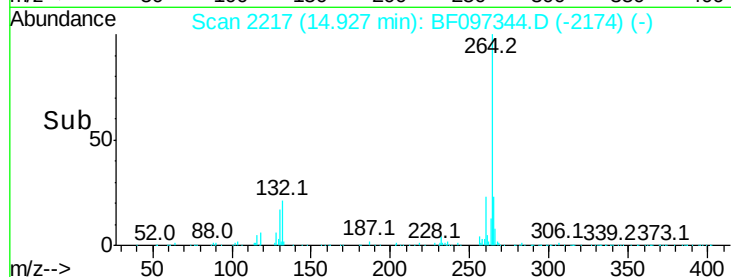
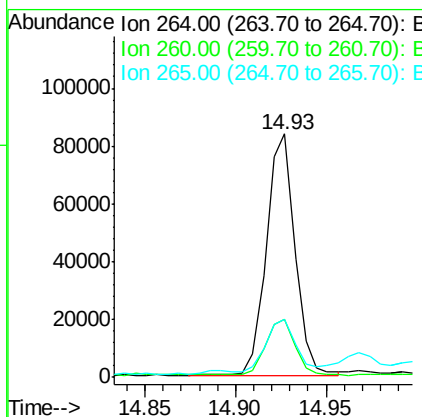
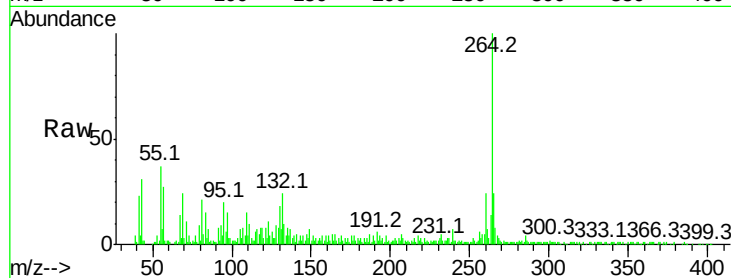




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.93 min Scan# 2217
Delta R.T. -0.05 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

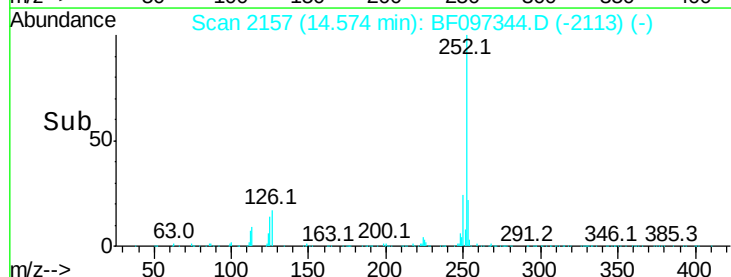
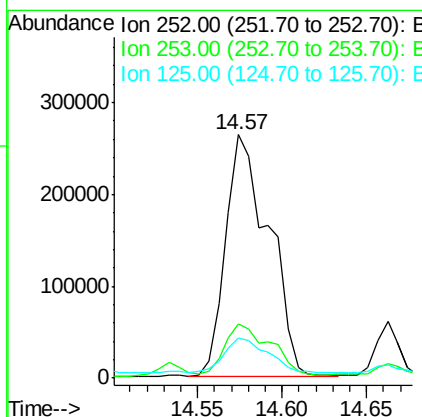
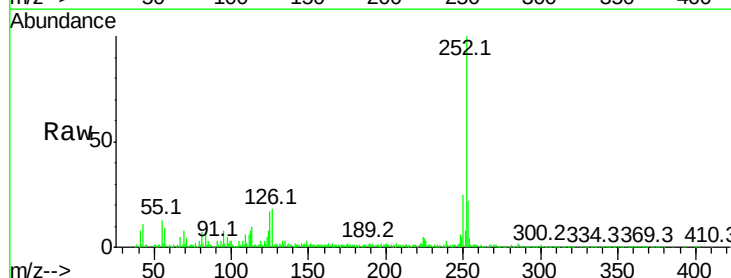
Instrument :
BNA_F
ClientSampleId :

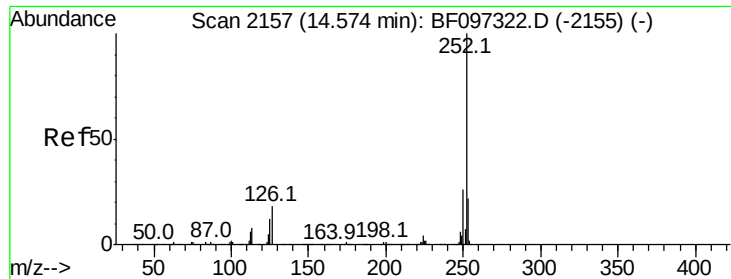
Tot Ion:264 Resp: 92547
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 24.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 83.831 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.04 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

Tgt Ion:252 Resp: 466371
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 16.5 9.8 14.8#

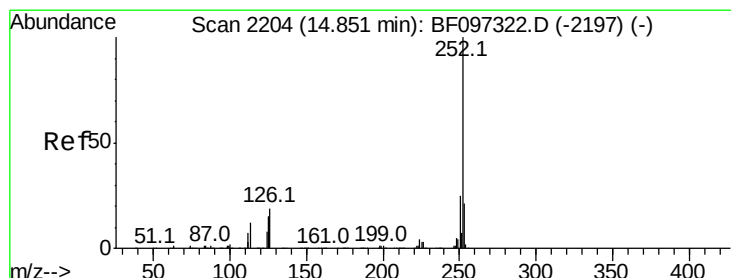
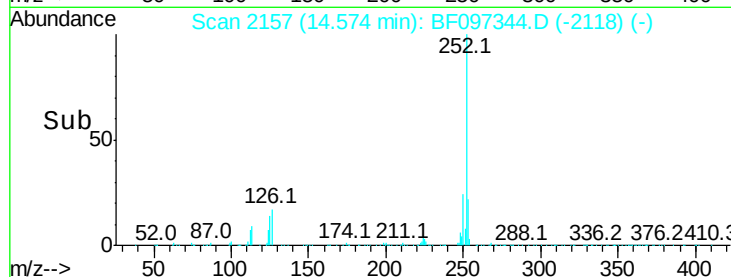
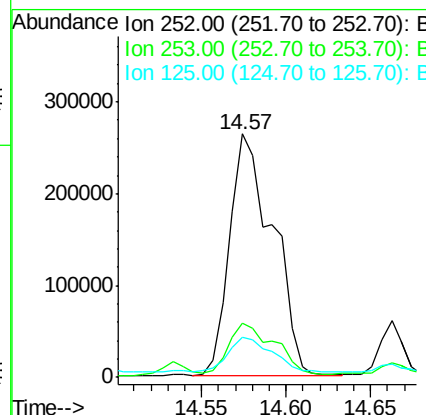
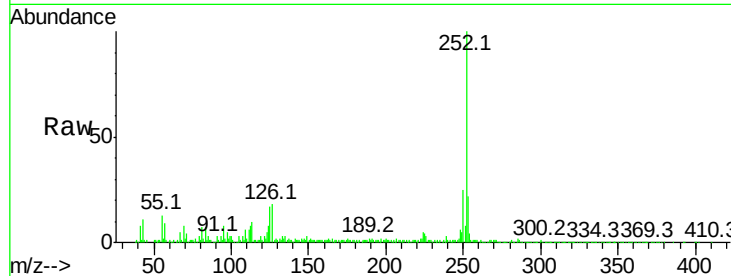




#88
Benzo(k)fluoranthene
Concen: 87.974 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.07 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

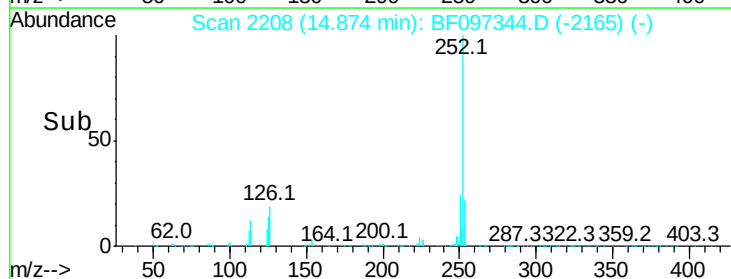
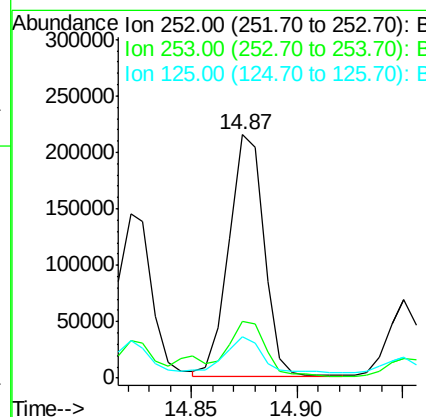
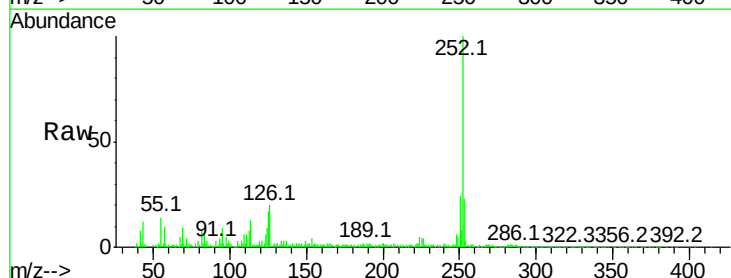
Instrument :
BNA_F
ClientSampleId :

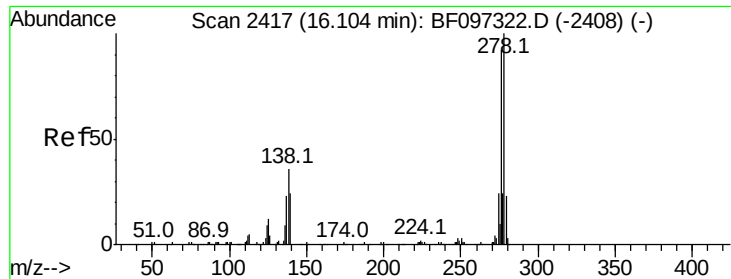
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	16.5	13.1	19.7



#89
Benzo(a)pyrene
Concen: 48.295 ng
RT: 14.87 min Scan# 2208
Delta R.T. -0.05 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	17.0	11.0	16.4

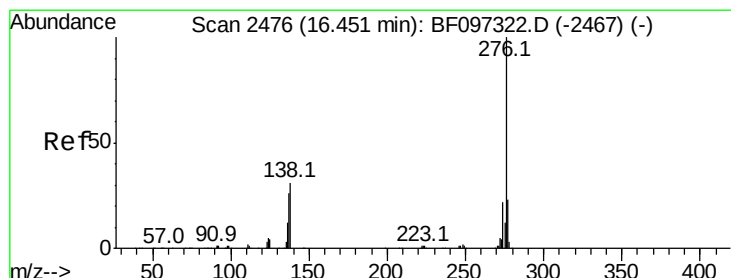
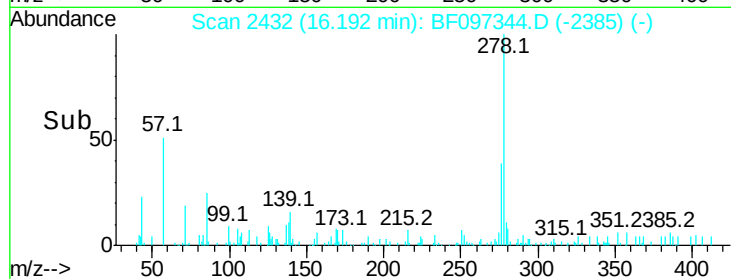
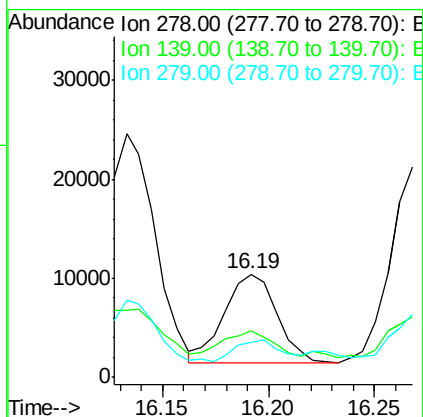
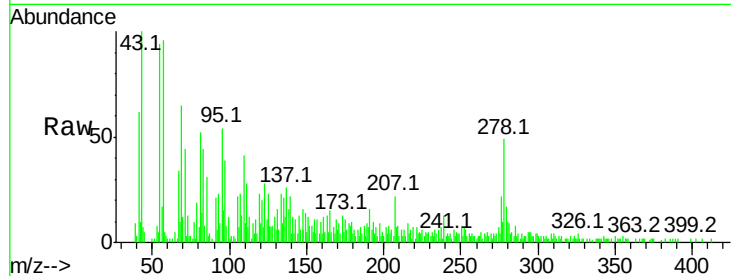




#90
Dibenzo(a,h)anthracene
Concen: 3.728 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 15565
Ion Ratio Lower Upper
278 100
139 44.7 16.6 24.8#
279 33.6 19.3 28.9#



#91
Benzo(g,h,i)perylene
Concen: 31.833 ng
RT: 16.50 min Scan# 2484
Delta R.T. -0.07 min
Lab File: BF097344.D
Acq: 4 Aug 2017 4:04

Tgt Ion:276 Resp: 139381
Ion Ratio Lower Upper
276 100
277 25.1 18.6 28.0
138 30.1 25.4 38.0

