

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093684.D
 Acq On : 15 Mar 2017 22:43
 Operator : SJ/MA
 Sample : I2264-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-EE9-BASE

Quant Time: Mar 16 01:44:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	164641	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	608025	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	240030	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	356375	20.00	ng	0.00
75) Chrysene-d12	13.90	240	264732	20.00	ng	0.01
86) Perylene-d12	15.31	264	318304	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1275721	128.96	ng	-0.01
7) Phenol-d6	6.37	99	1607329	128.85	ng	-0.01
23) Nitrobenzene-d5	7.28	82	950710	86.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	197014	125.98	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1077703	83.51	ng	-0.01
78) Terphenyl-d14	12.84	244	696901	68.44	ng	0.01

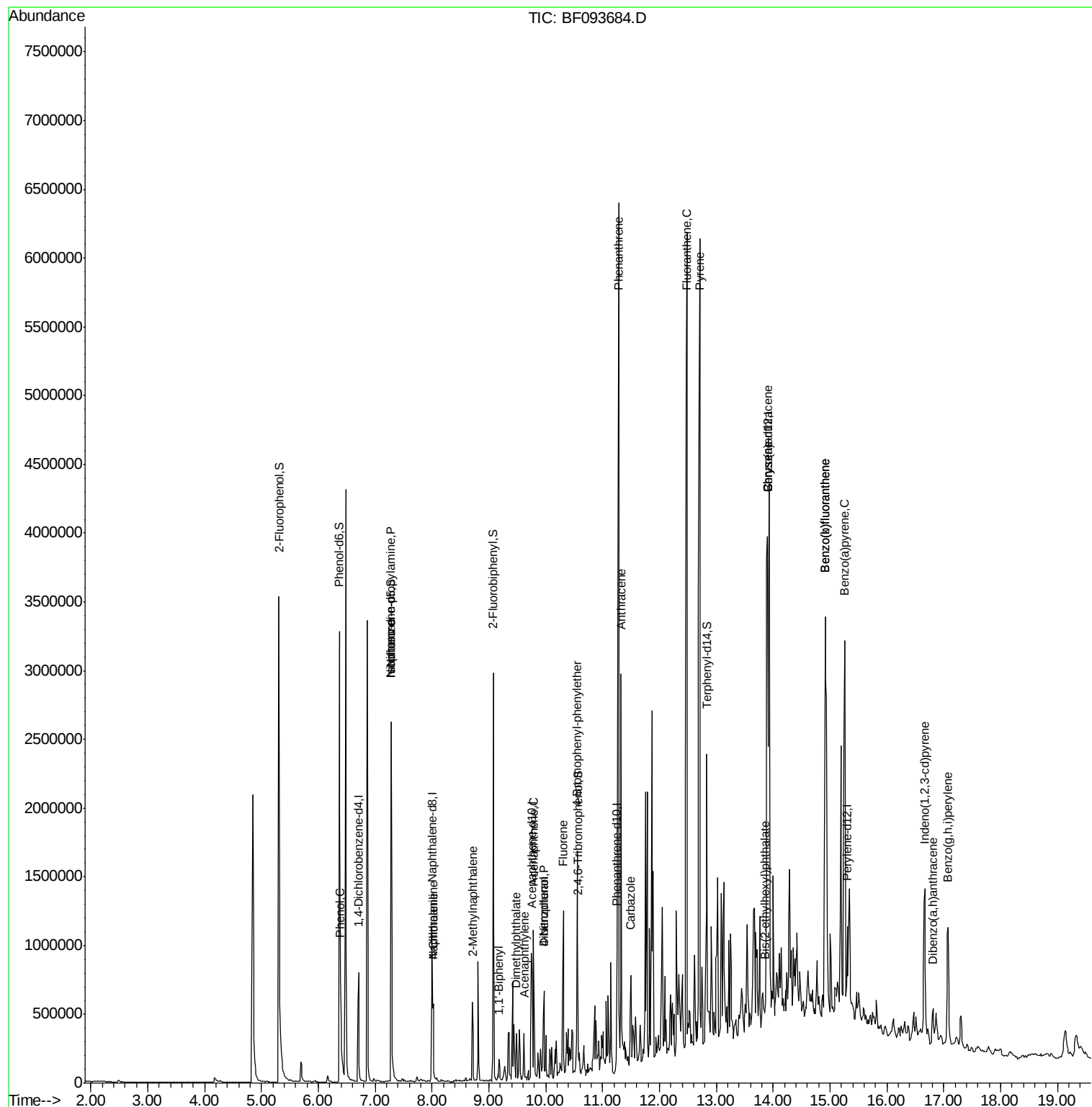
Target Compounds				Qvalue		
9) Benzaldehyde	6.38	77	3811	Below Cal	#	14
10) Phenol	6.39	94	127495	8.34	ng	80
19) n-Nitroso-di-n-propylamine	7.28	70	125823	14.67	ng	# 85
25) Isophorone	7.28	82	933202	42.23	ng	# 65
31) Naphthalene	8.02	128	356377	11.70	ng	98
33) 4-Chloroaniline	8.02	127	46006	3.72	ng	# 40
37) 2-Methylnaphthalene	8.71	142	202520	10.45	ng	99
45) 1,1'-Biphenyl	9.18	154	57897	3.31	ng	96
48) Acenaphthylene	9.62	152	131079	5.94	ng	98
49) Dimethylphthalate	9.49	163	147377	9.26	ng	98
51) Acenaphthene	9.78	154	266807	20.44	ng	97
54) Dibenzofuran	9.97	168	255045	15.61	ng	91
55) 4-Nitrophenol	9.97	139	94996	46.62	ng	# 6
57) Fluorene	10.31	166	407495	29.43	ng	98
66) 4-Bromophenyl-phenylether	10.55	248	13734	3.64	ng	# 1
70) Phenanthrene	11.28	178	3119894	153.37	ng	99
71) Anthracene	11.33	178	1135037	55.16	ng	99
72) Carbazole	11.50	167	255708	13.23	ng	# 97
74) Fluoranthene	12.48	202	3788423	192.81	ng	97
77) Pvrene	12.71	202	3621070	188.07	ng	98
80) Benzo(a)anthracene	13.90	228	2170056	138.81	ng	97
82) Chrysene	13.90	228	2170056	150.03	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	30756	2.72	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.67	276	809129	66.83	ng	97
87) Benzo(b)fluoranthene	14.92	252	2629446	135.64	ng	98
88) Benzo(k)fluoranthene	14.92	252	2629446	140.65	ng	# 97
89) Benzo(a)pyrene	15.26	252	1482577	83.68	ng	99
90) Dibenzo(a,h)anthracene	16.81	278	177667	12.12	ng	97
91) Benzo(g,h,i)perylene	17.08	276	724413	48.15	ng	# 92

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

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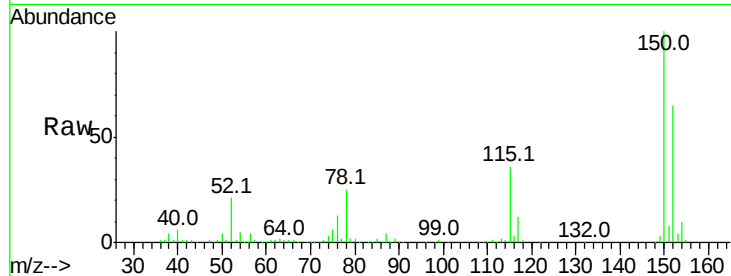


#1

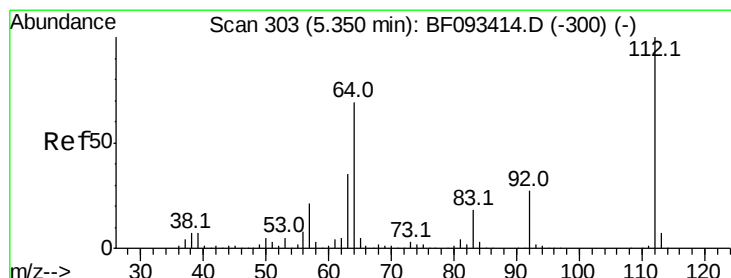
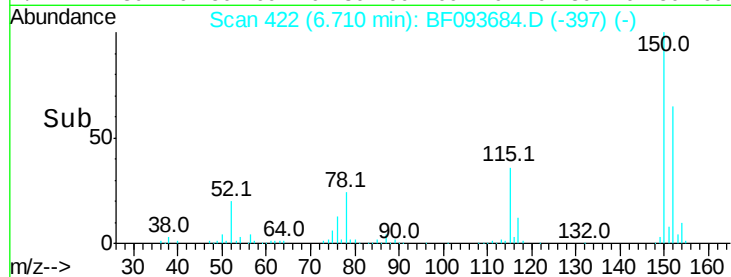
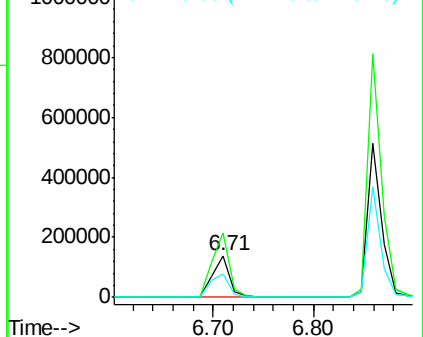
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093684.D
Acq: 15 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-EE9-BASE

Tot Ion:152 Resp: 164641
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 56.1 46.0 69.0



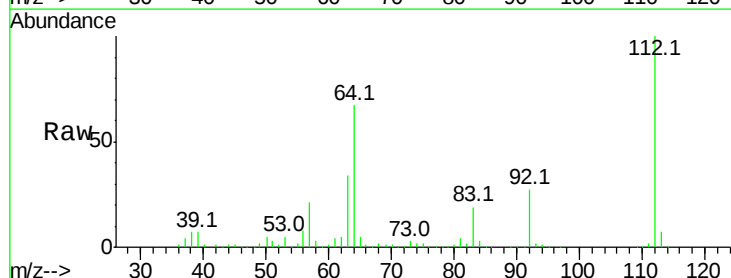
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



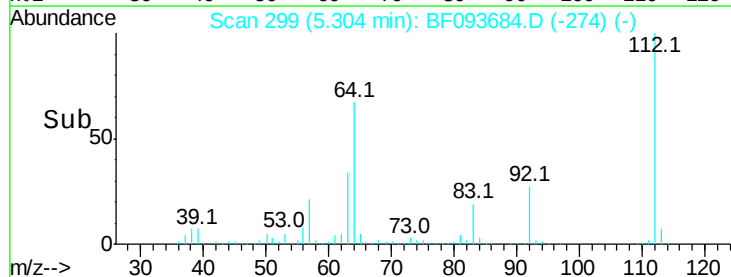
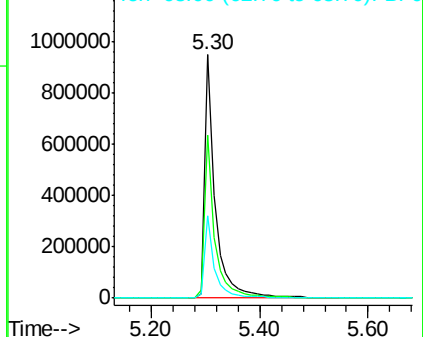
#5

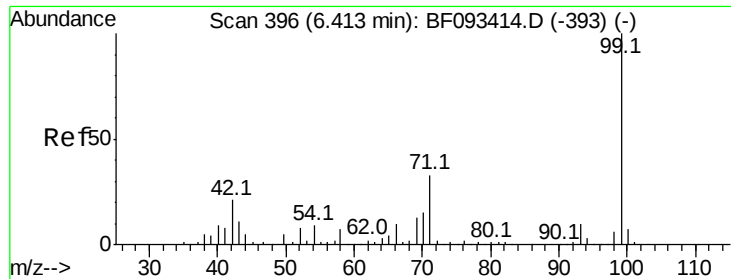
2-Fluorophenol
Concen: 128.96 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093684.D
Acq: 15 Mar 2017 22:43

Tgt Ion:112 Resp: 1275721
Ion Ratio Lower Upper
112 100
64 66.8 46.1 69.1
63 34.0 23.8 35.6



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: 128.85 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

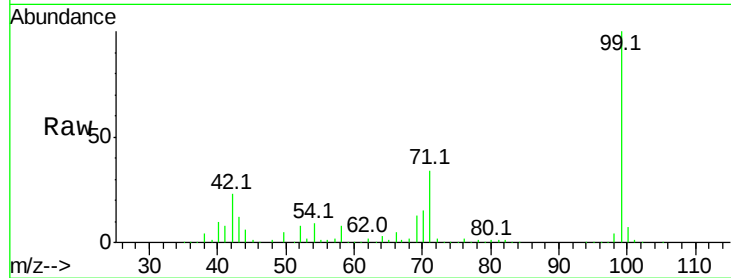
BNA_F

ClientSampleId :

E2-EE9-BASE

Tot Ion: 99 Resp: 1607329

Ion	Ratio	Lower	Upper
99	100		
42	23.3	15.6	23.4
71	34.5	27.5	41.3

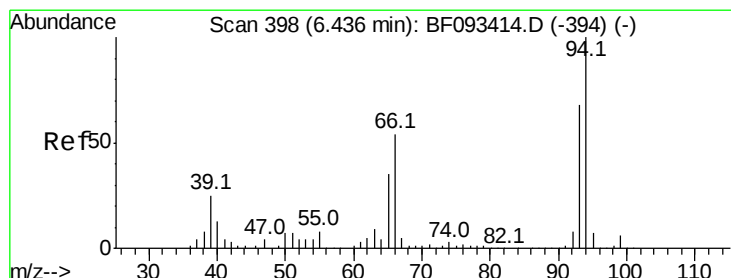
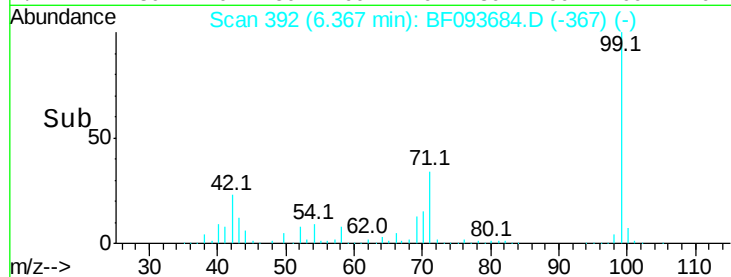


Abundance

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: 8.34 ng

RT: 6.39 min Scan# 394

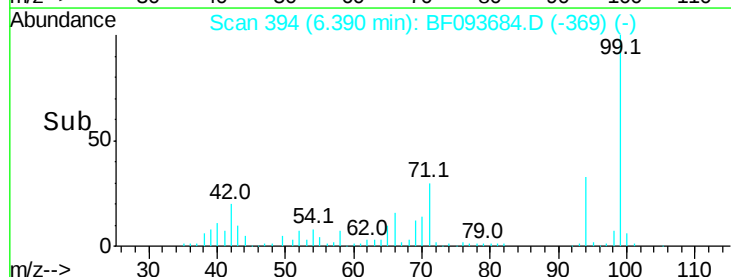
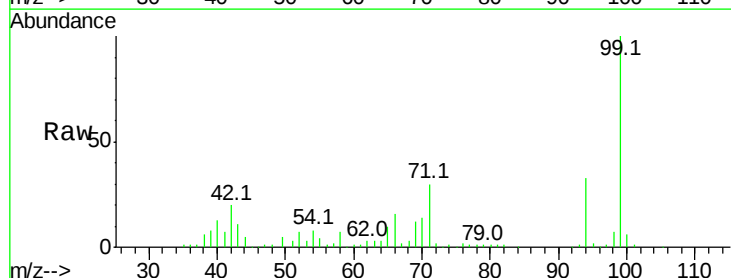
Delta R.T. -0.01 min

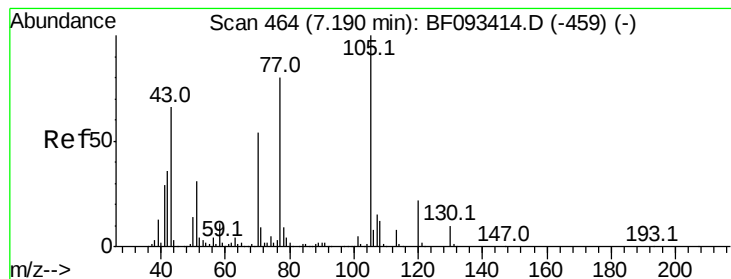
Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Tgt Ion: 94 Resp: 127495

Ion	Ratio	Lower	Upper
94	100		
65	29.7	21.4	61.4
66	47.9	44.0	84.0





#19

n-Nitroso-di-n-propylamine

Concen: 14.67 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-EE9-BASE

Tot Ion: 70 Resp: 125823

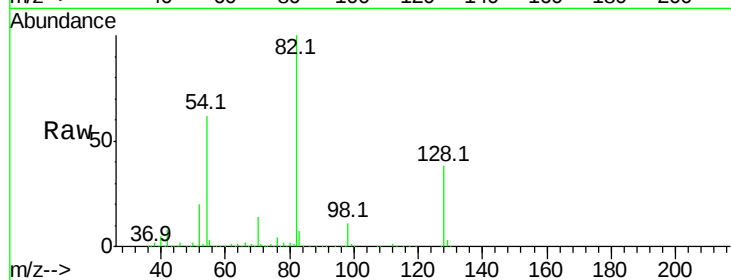
Ion Ratio Lower Upper

70 100

42 55.8 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

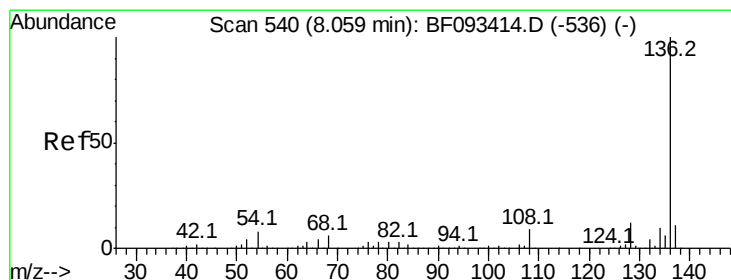
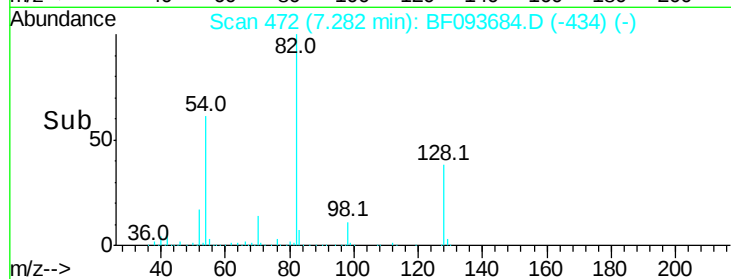
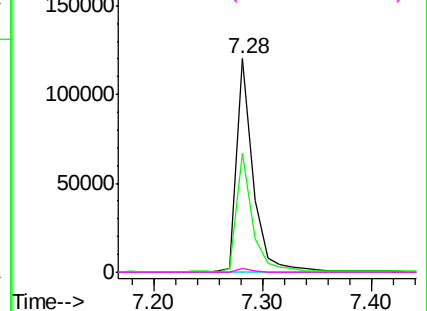


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Tgt Ion:136 Resp: 608025

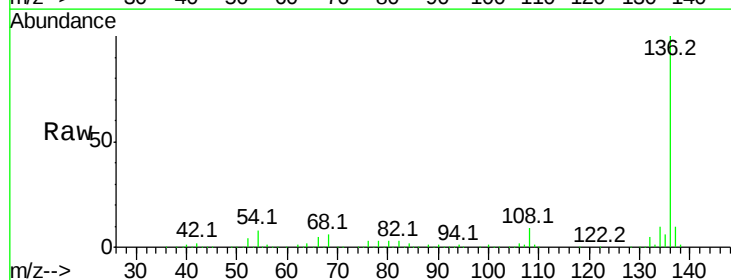
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 8.2 4.5 6.7#

68 5.7 3.6 5.4#

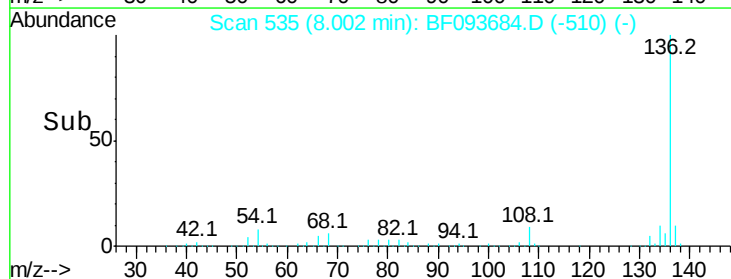
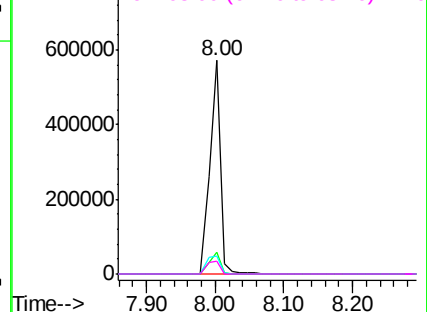


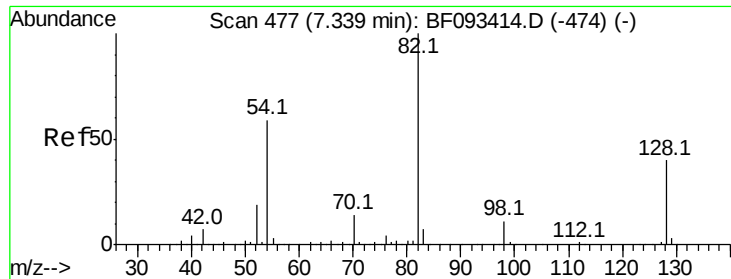
Abundance Ion 136.00 (135.70 to 136.70): E

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

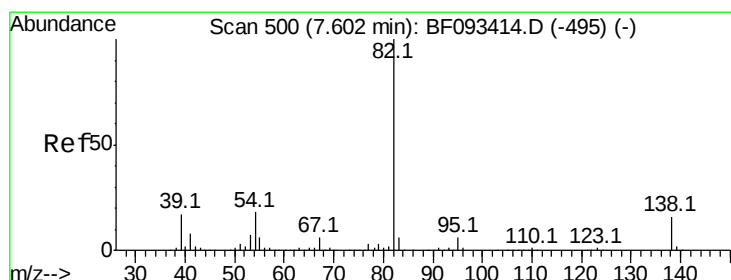
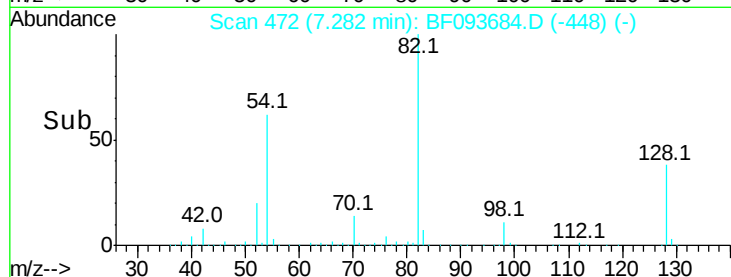
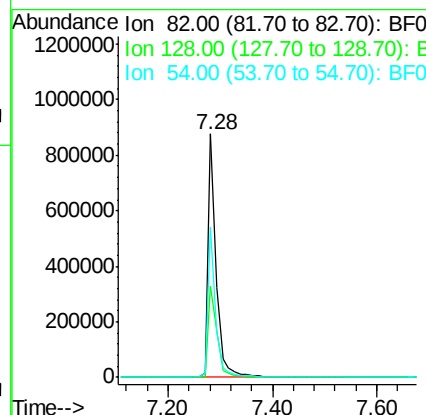
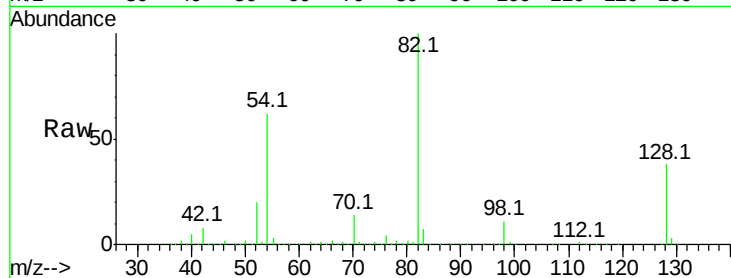




#23
 Nitrobenzene-d5
 Concen: 86.76 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093684.D
 Acq: 15 Mar 2017 22:43

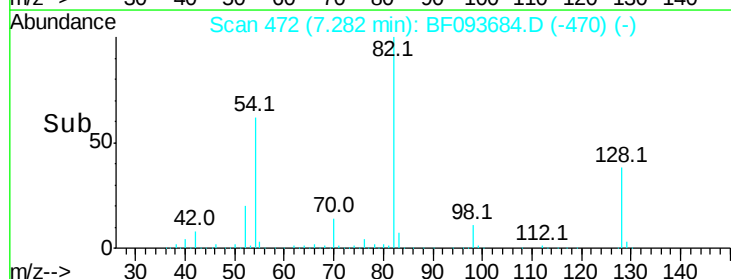
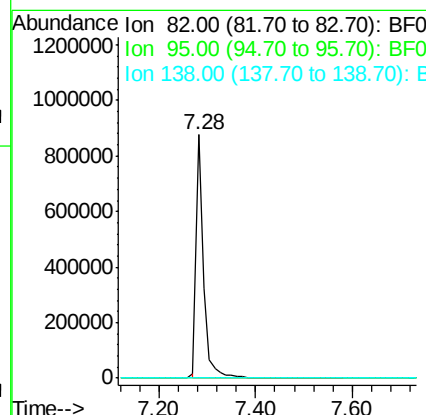
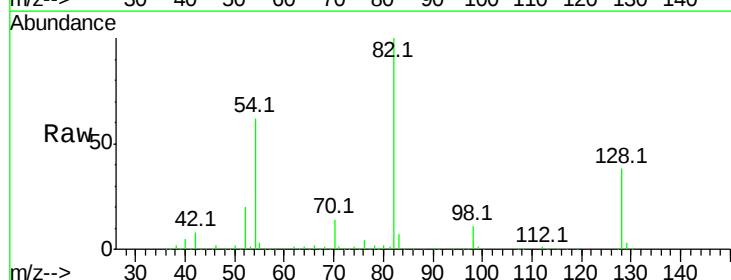
Instrument :
 BNA_F
 ClientSampleId :
 E2-EE9-BASE

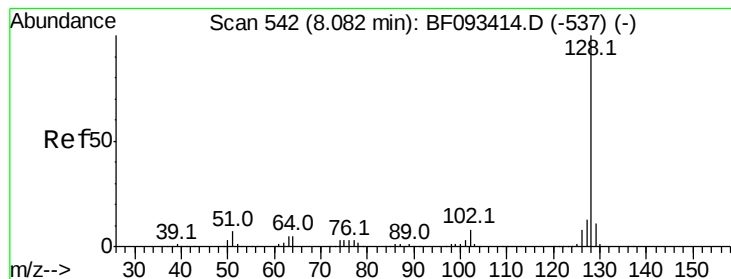
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	34.6	52.0
54	61.7	39.5	59.3



#25
 Isophorone
 Concen: 42.23 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093684.D
 Acq: 15 Mar 2017 22:43

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4
138	0.0	14.6	22.0





#31

Naphthalene

Concen: 11.70 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-EE9-BASE

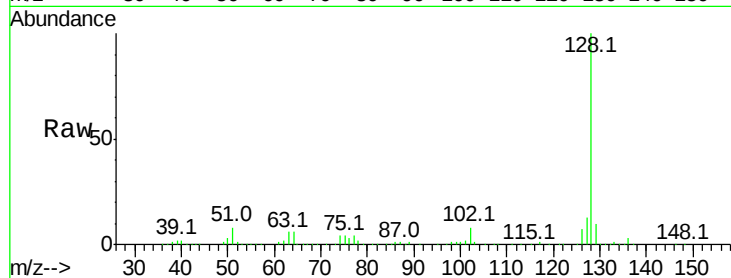
Tot Ion:128 Resp: 356377

Ion Ratio Lower Upper

128 100

129 10.3 9.5 14.3

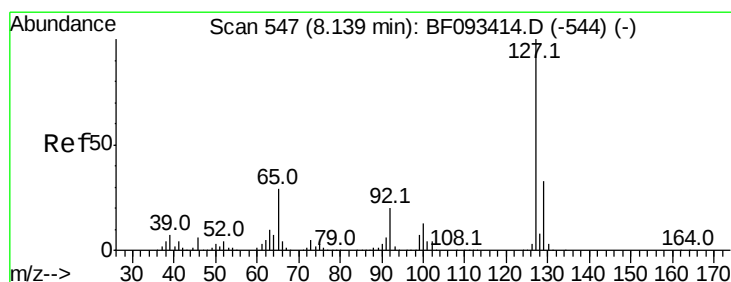
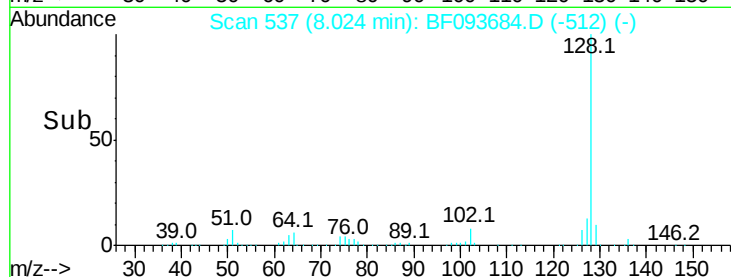
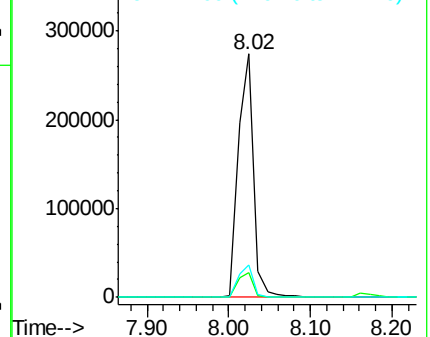
127 13.2 10.8 16.2



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: 3.72 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.07 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Tgt Ion:127 Resp: 46006

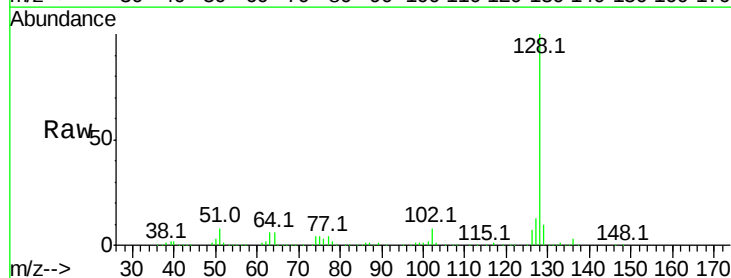
Ion Ratio Lower Upper

127 100

129 77.6 26.3 39.5#

65 3.5 25.8 38.8#

92 0.0 16.1 24.1#

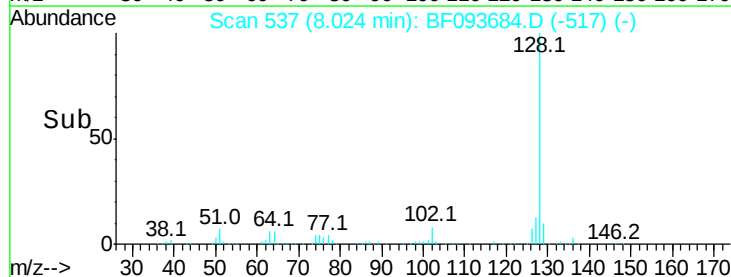
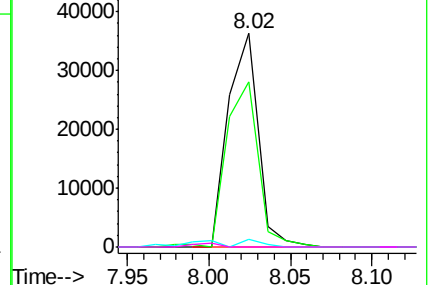


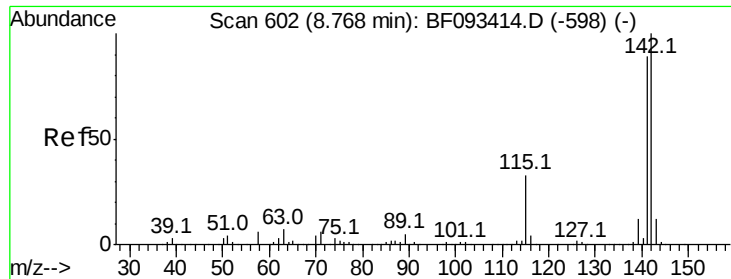
Abundance Ion 127.00 (126.70 to 127.70): E

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

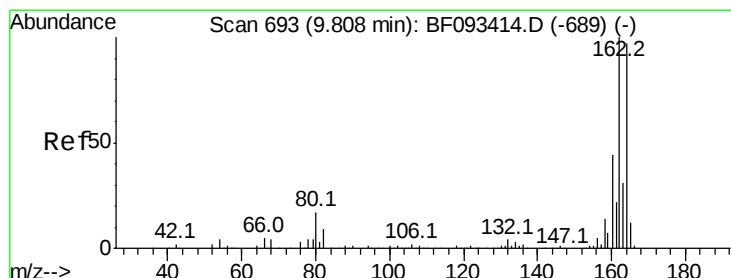
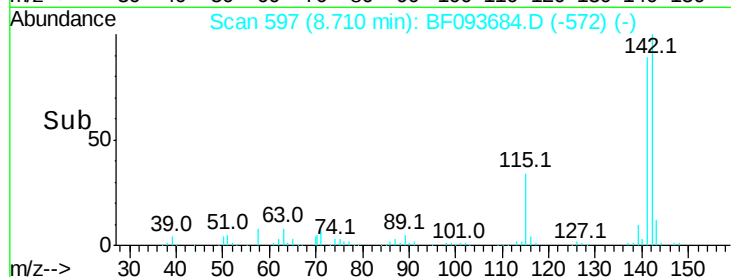
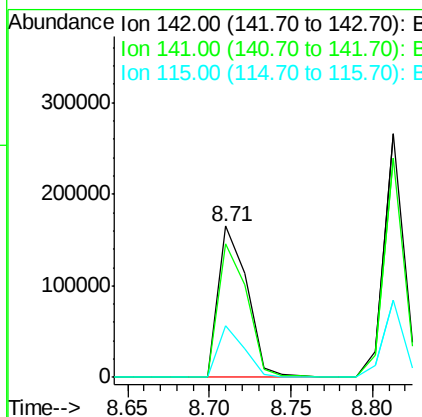
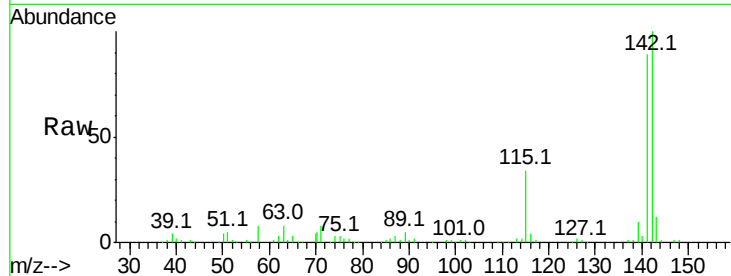




#37
 2-Methylnaphthalene
 Concen: 10.45 ng
 RT: 8.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF093684.D
 Acq: 15 Mar 2017 22:43

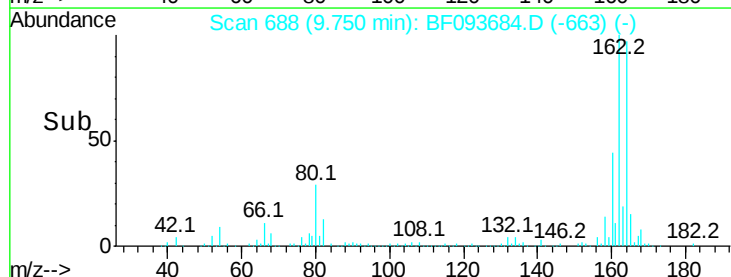
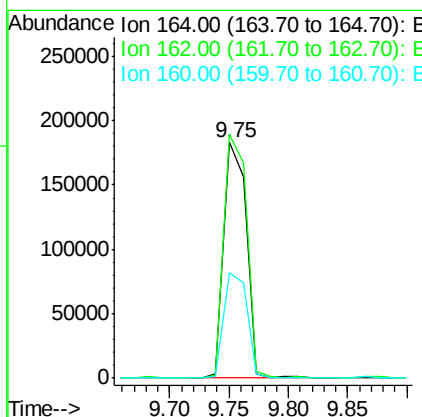
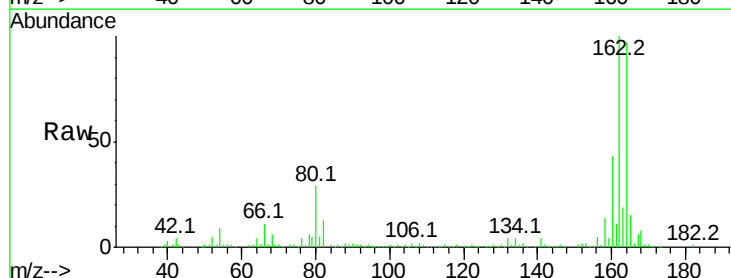
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 BNA_F
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 E2-EE9-BASE

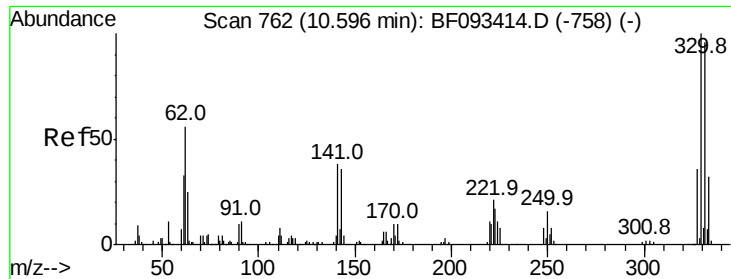
Tot Ion:142 Resp: 202520
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.0 106.6
 115 34.3 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093684.D
 Acq: 15 Mar 2017 22:43

Tgt Ion:164 Resp: 240030
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.2 120.2
 160 44.8 36.9 55.3

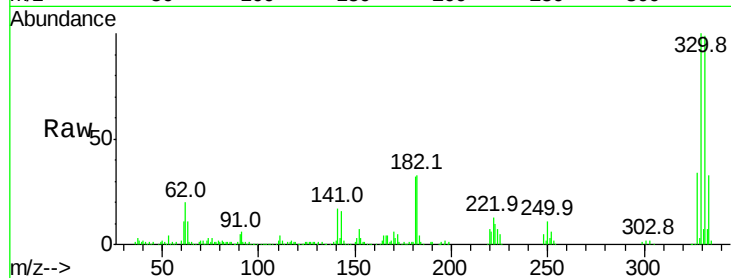




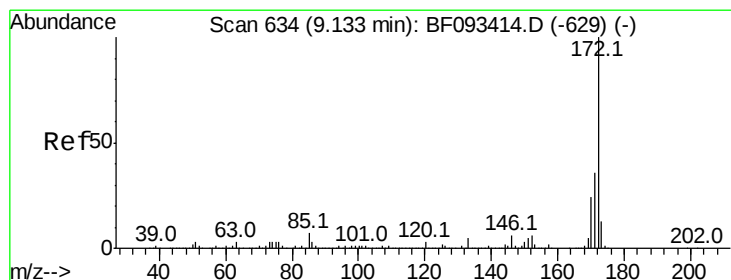
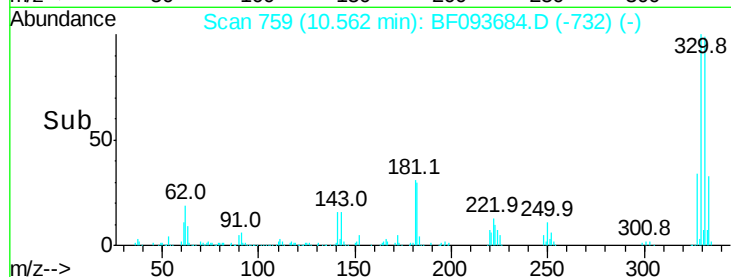
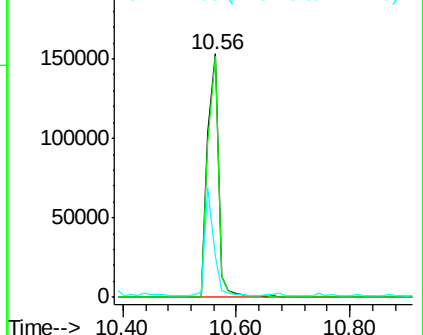
#41
 2,4,6-Tribromophenol
 Concen: 125.98 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093684.D
 Acq: 15 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-EE9-BASE

Tot Ion:330 Resp: 197014
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 36.2 34.1 51.1

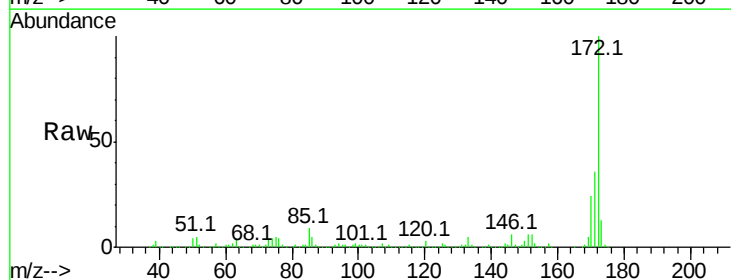


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

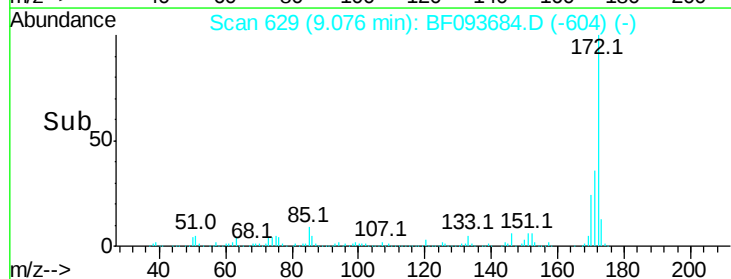
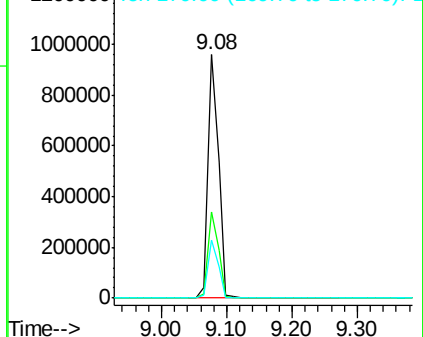


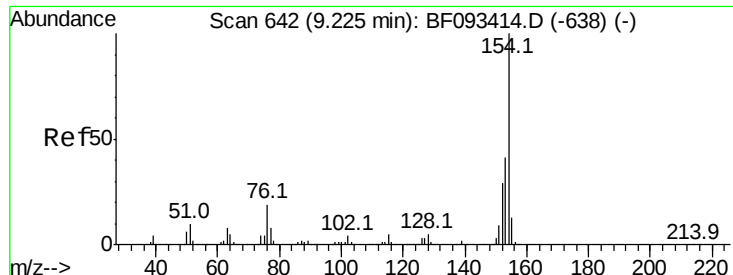
#44
 2-Fluorobiphenyl
 Concen: 83.51 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093684.D
 Acq: 15 Mar 2017 22:43

Tgt Ion:172 Resp: 1077703
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.9 20.2 30.4



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: 3.31 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-EE9-BASE

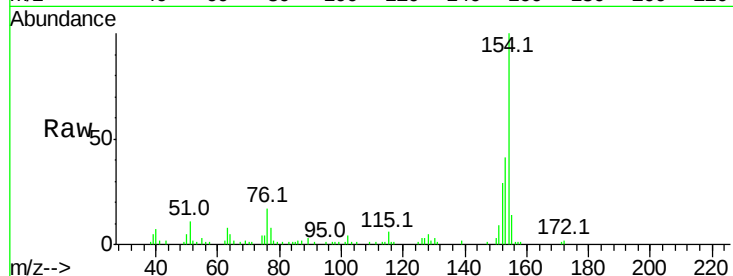
Tot Ion:154 Resp: 57897

Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

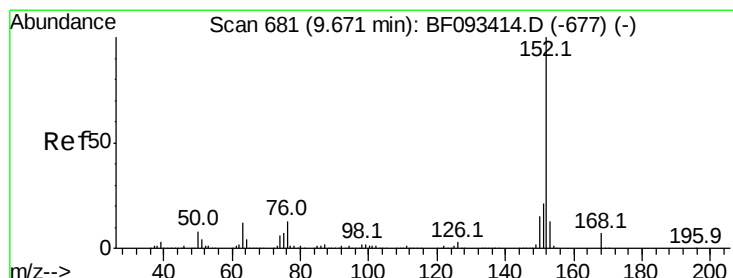
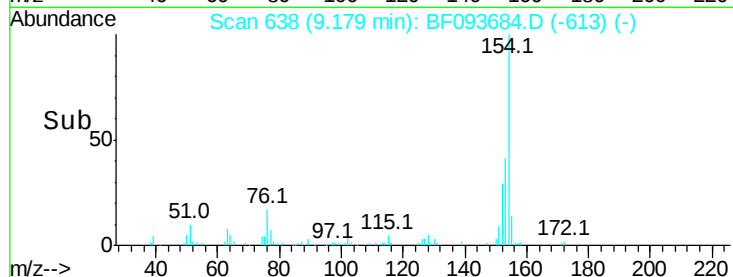
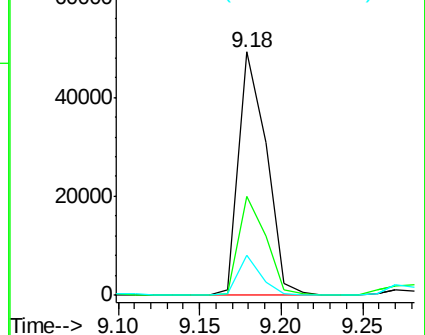
76 16.7 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#48

Acenaphthylene

Concen: 5.94 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

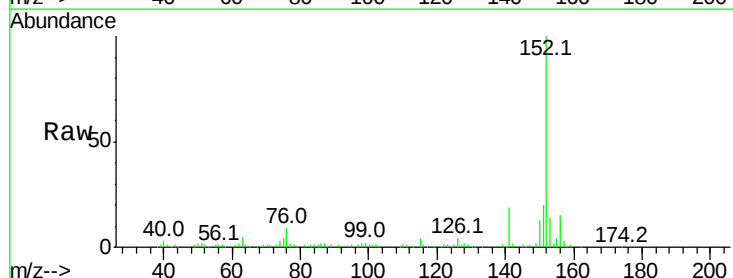
Tgt Ion:152 Resp: 131079

Ion Ratio Lower Upper

152 100

151 20.0 16.9 25.3

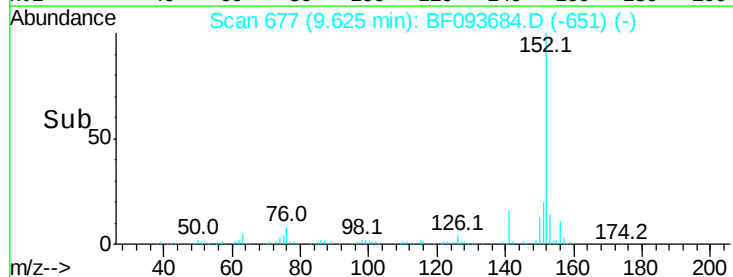
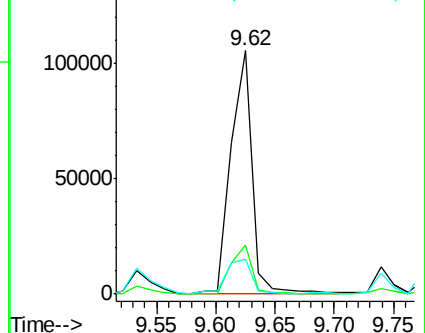
153 14.4 11.4 17.2

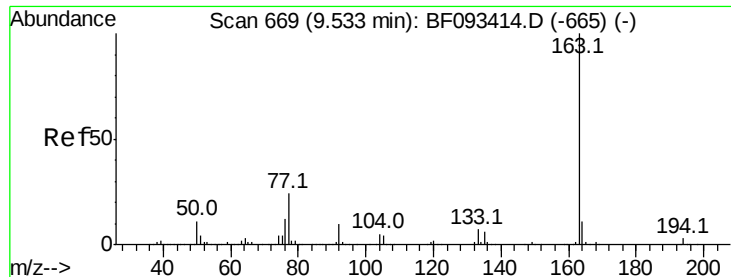


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

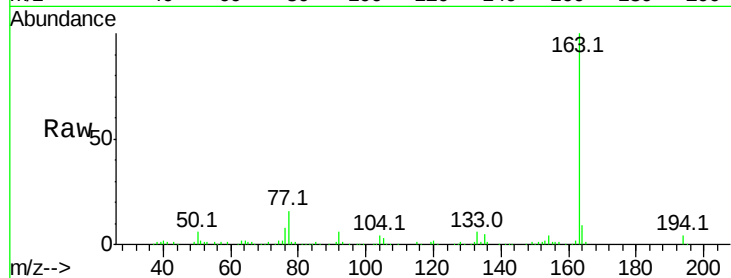




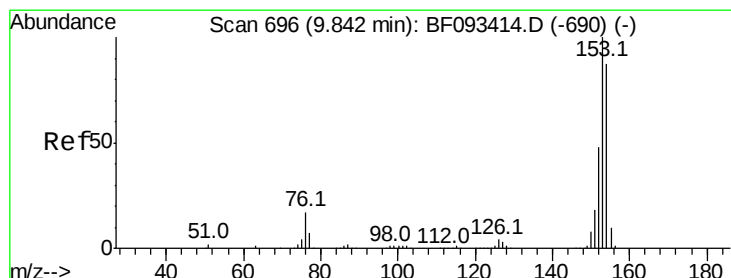
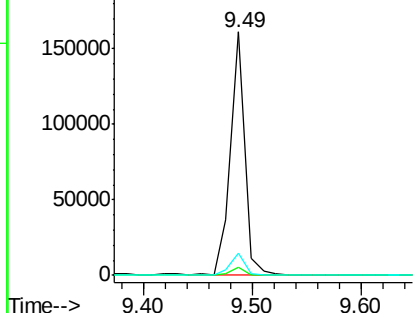
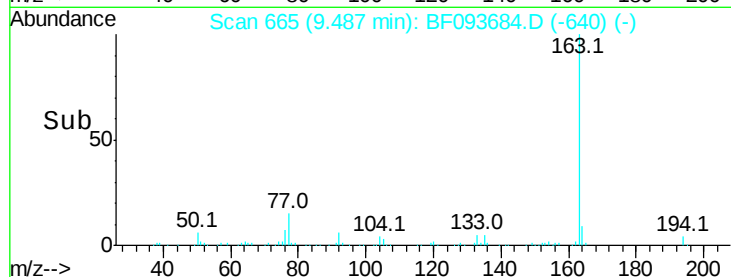
#49
Dimethylphthalate
Concen: 9.26 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093684.D
Acq: 15 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-EE9-BASE

Tot Ion:163 Resp: 147377
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.2 8.0 12.0

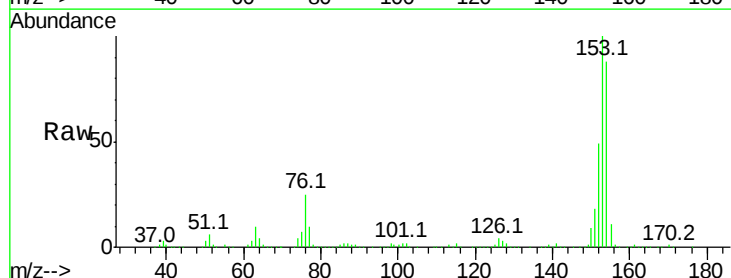


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

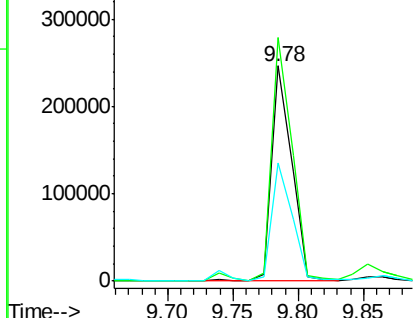
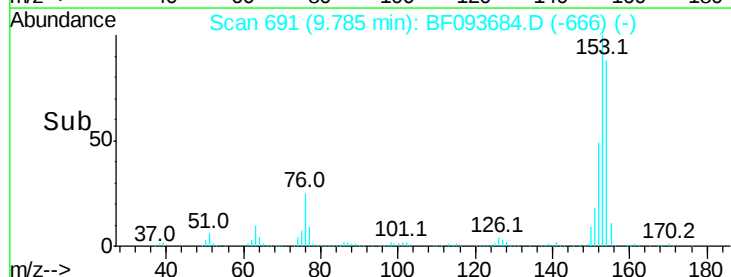


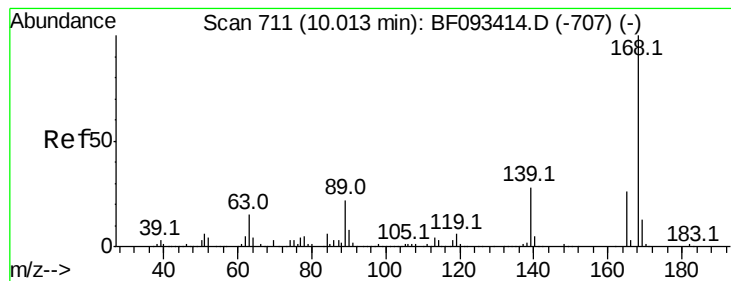
#51
Acenaphthene
Concen: 20.44 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF093684.D
Acq: 15 Mar 2017 22:43

Tgt Ion:154 Resp: 266807
Ion Ratio Lower Upper
154 100
153 113.1 88.6 133.0
152 55.0 41.6 62.4



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: 15.61 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-EE9-BASE

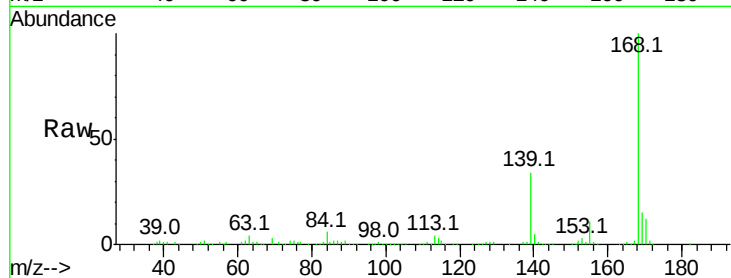
Tot Ion:168 Resp: 255045

Ion Ratio Lower Upper

168 100

139 33.7 32.6 49.0

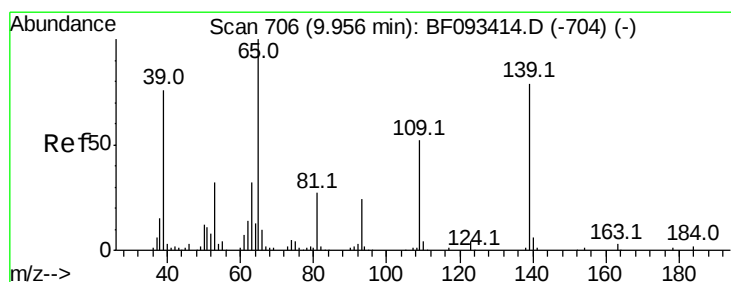
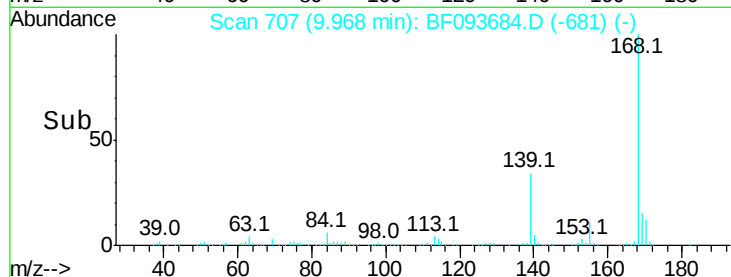
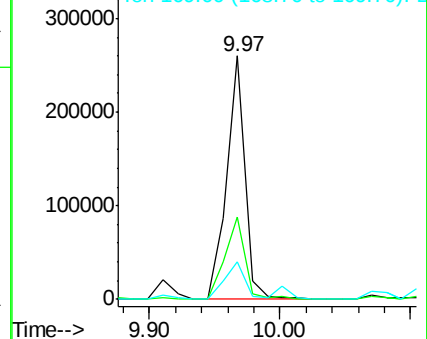
169 15.2 11.3 16.9



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: 46.62 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.03 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

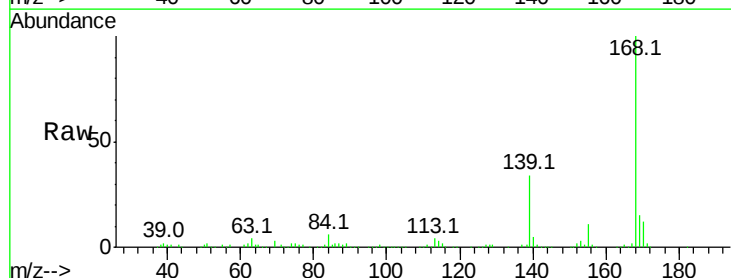
Tgt Ion:139 Resp: 94996

Ion Ratio Lower Upper

139 100

109 1.1 52.2 92.2#

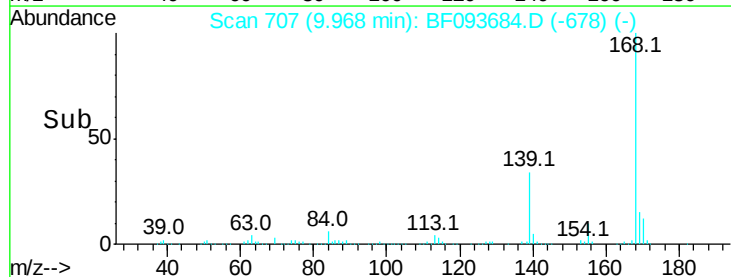
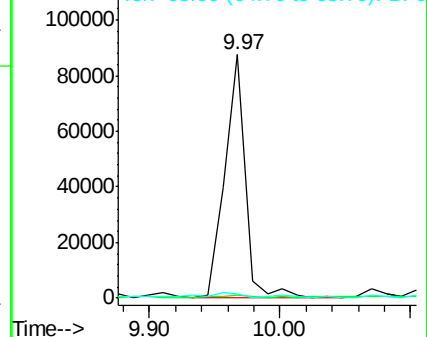
65 1.8 85.8 125.8#

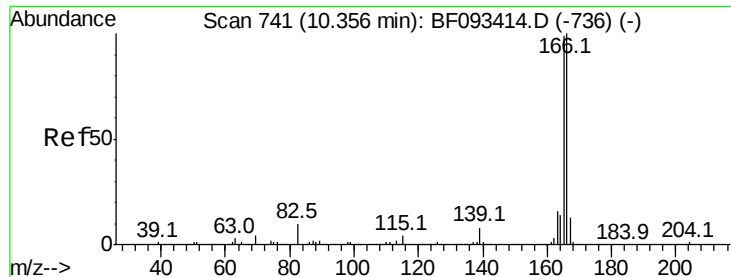


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 29.43 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-EE9-BASE

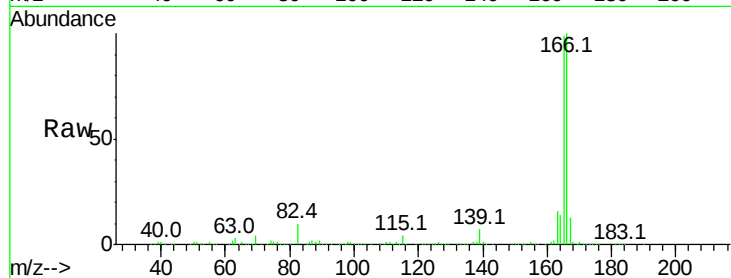
Tot Ion:166 Resp: 407495

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

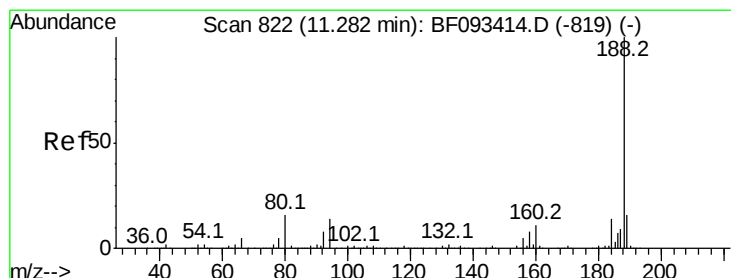
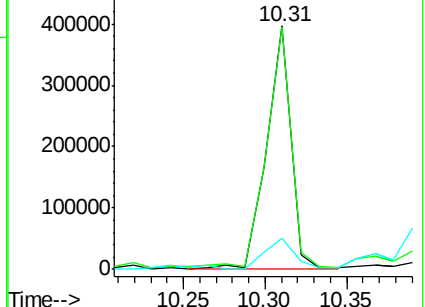
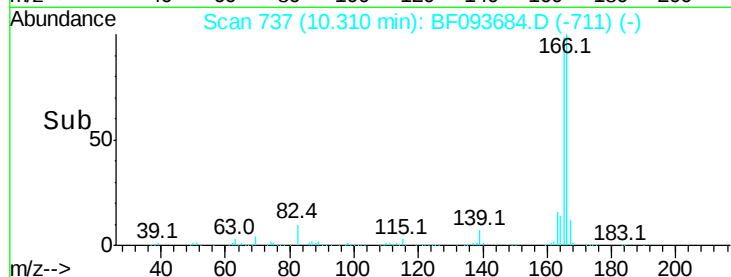
167 13.0 10.8 16.2



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: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

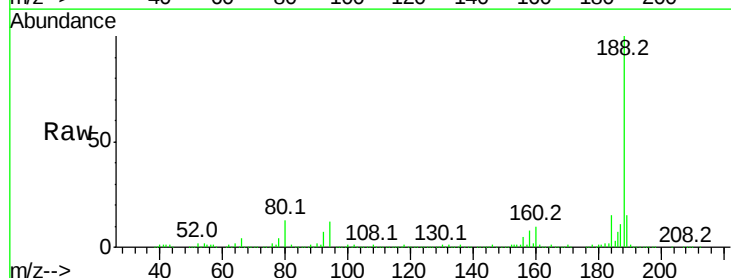
Tgt Ion:188 Resp: 356375

Ion Ratio Lower Upper

188 100

94 12.2 10.0 15.0

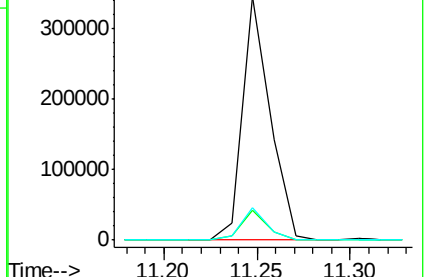
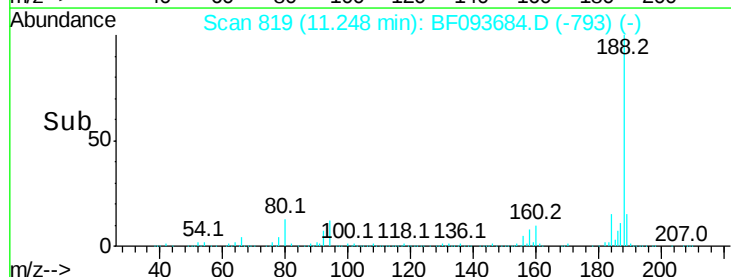
80 13.3 11.2 16.8

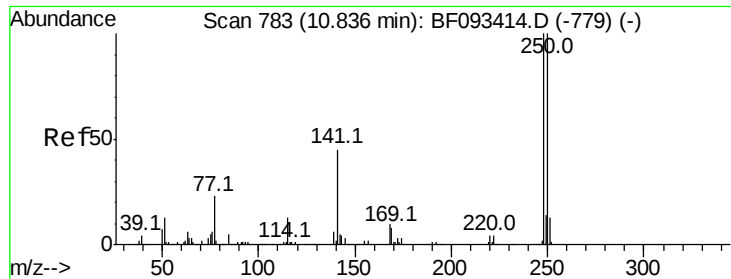


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.64 ng

RT: 10.55 min Scan# 758

Delta R.T. -0.24 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-EE9-BASE

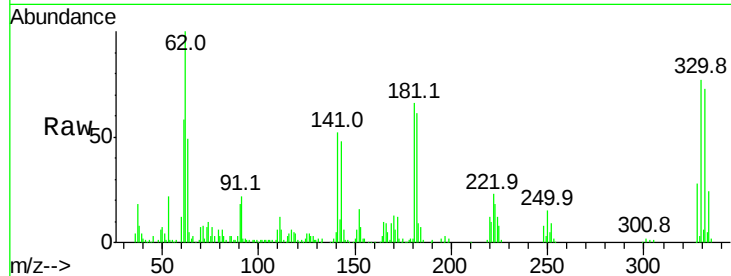
Tot Ion:248 Resp: 13734

Ion Ratio Lower Upper

248 100

250 195.4 76.9 115.3#

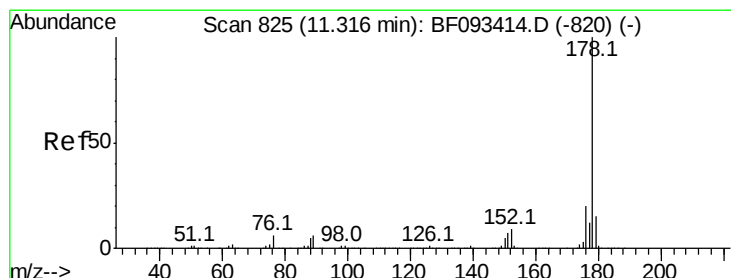
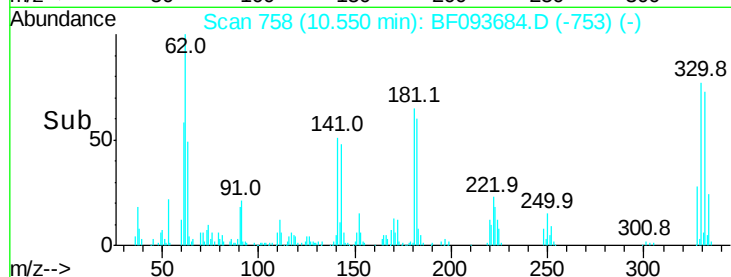
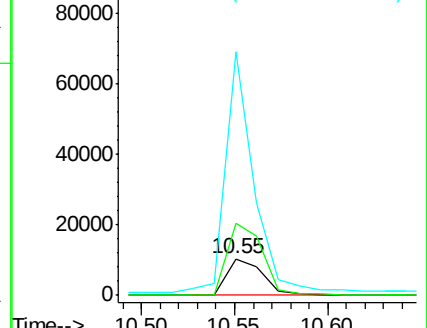
141 664.3 68.2 102.4#



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: 153.37 ng

RT: 11.28 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

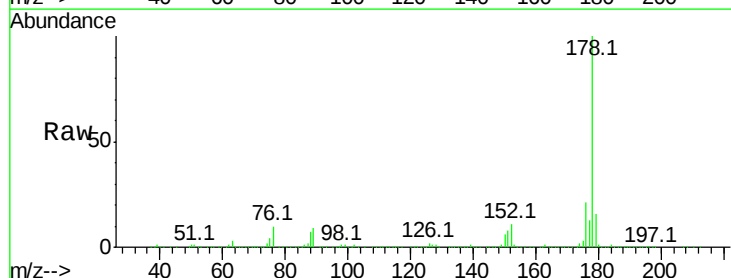
Tgt Ion:178 Resp: 3119894

Ion Ratio Lower Upper

178 100

176 20.5 16.6 25.0

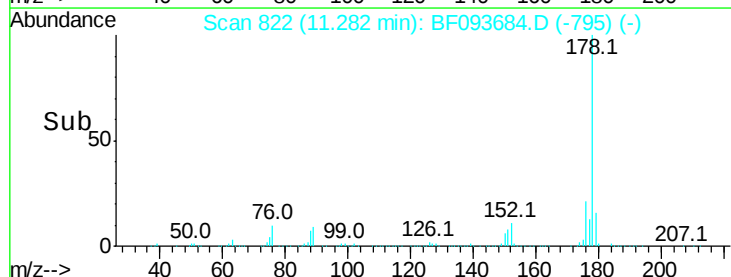
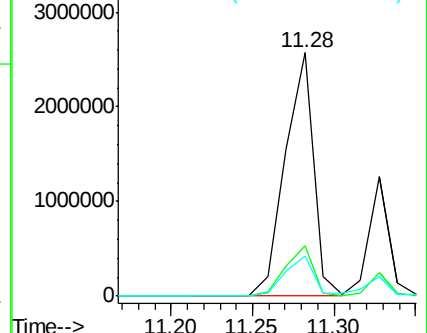
179 16.4 12.8 19.2

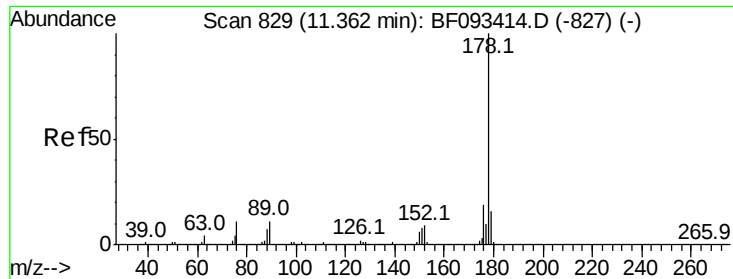


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

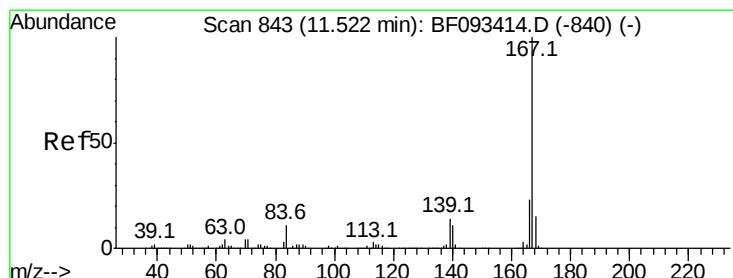
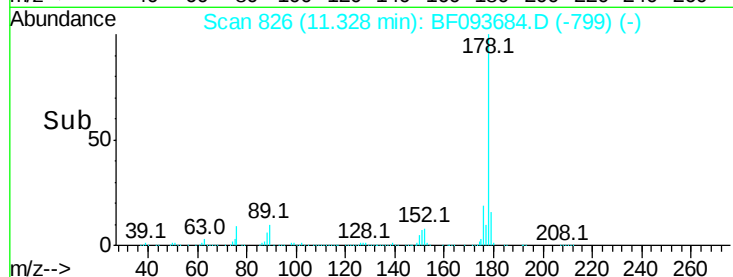
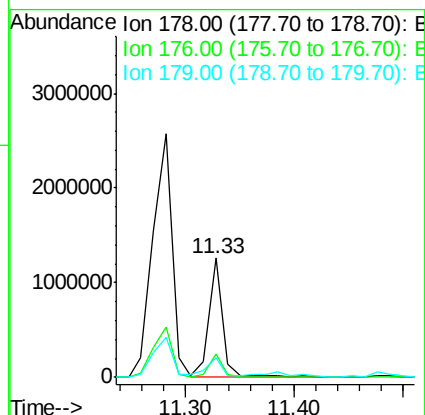
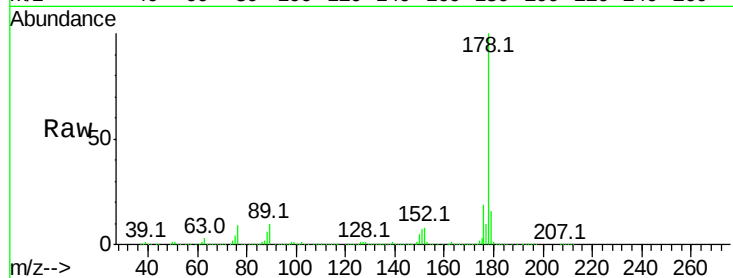




#71
 Anthracene
 Concen: 55.16 ng
 RT: 11.33 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF093684.D
 Acq: 15 Mar 2017 22:43

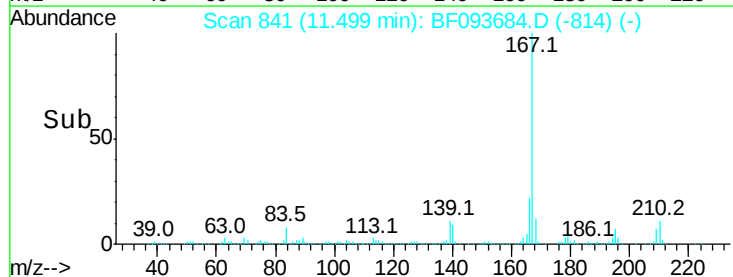
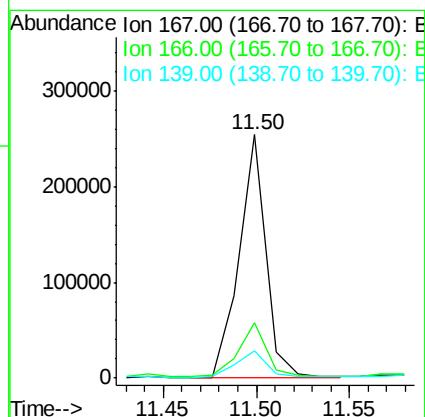
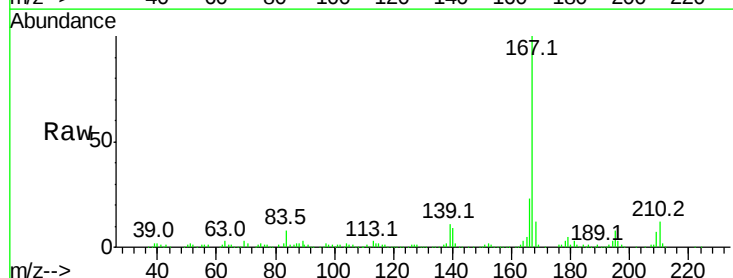
Instrument :
 BNA_F
 ClientSampleId :
 E2-EE9-BASE

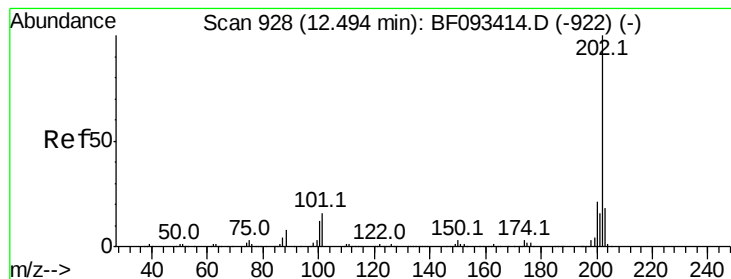
Tot Ion:178 Resp: 1135037
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 16.1 13.2 19.8



#72
 Carbazole
 Concen: 13.23 ng
 RT: 11.50 min Scan# 841
 Delta R.T. 0.01 min
 Lab File: BF093684.D
 Acq: 15 Mar 2017 22:43

Tgt Ion:167 Resp: 255708
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 11.3 11.4 17.2#





#74

Fluoranthene

Concen: 192.81 ng

RT: 12.48 min Scan# 927

Delta R.T. 0.02 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-EE9-BASE

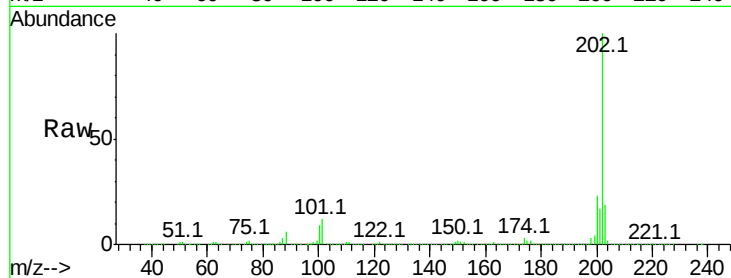
Tot Ion:202 Resp: 3788423

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.6

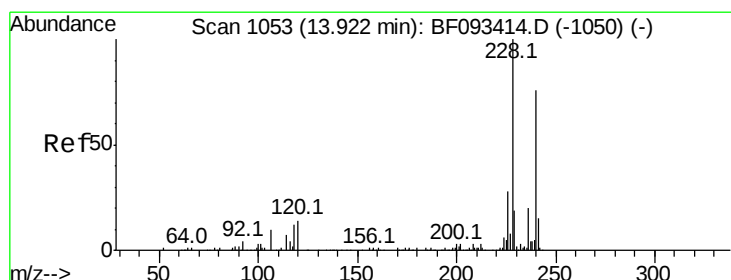
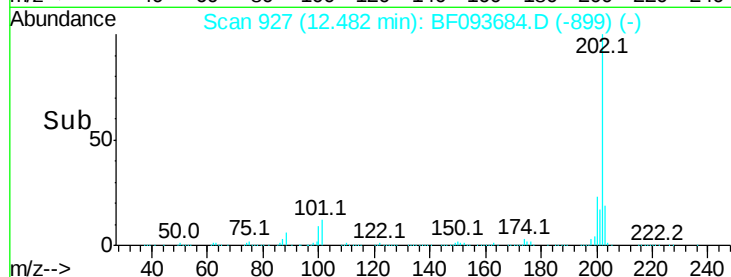
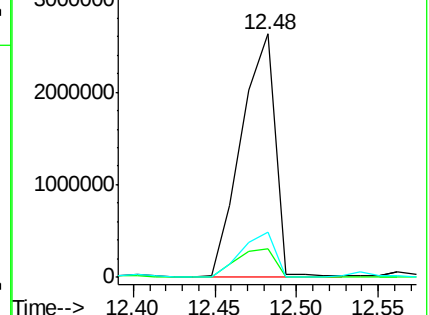
203 18.5 0.0 38.7



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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

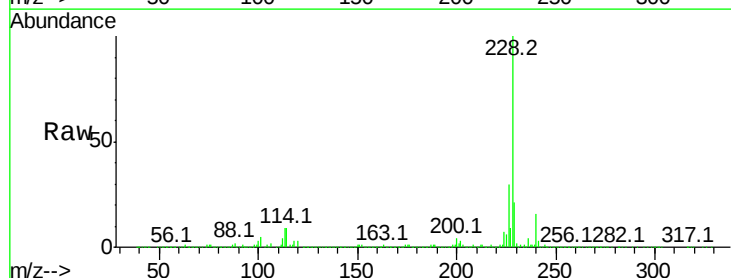
Tgt Ion:240 Resp: 264732

Ion Ratio Lower Upper

240 100

120 19.5 12.9 19.3#

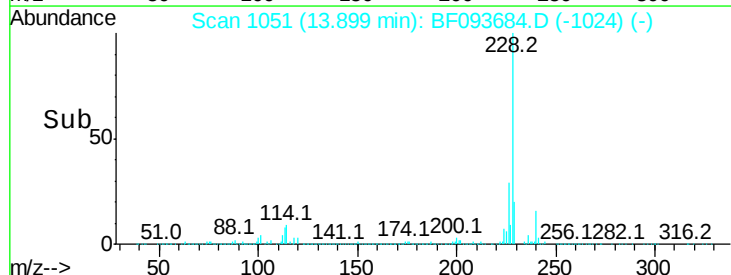
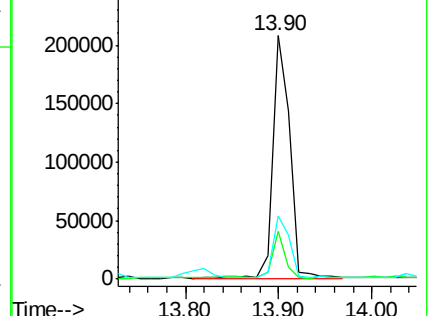
236 25.9 20.9 31.3

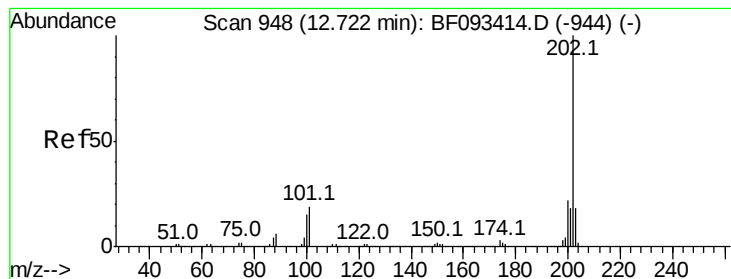


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 188.07 ng

RT: 12.71 min Scan# 947

Delta R.T. 0.03 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-EE9-BASE

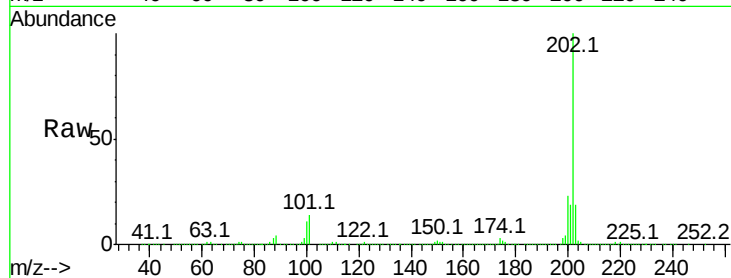
Tot Ion:202 Resp: 3621070

Ion Ratio Lower Upper

202 100

200 22.8 17.7 26.5

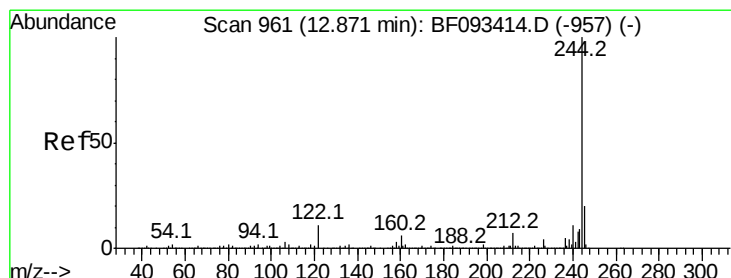
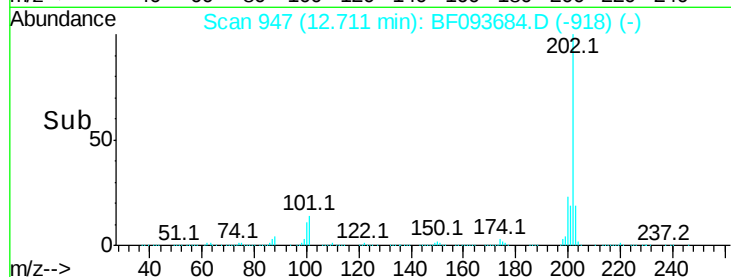
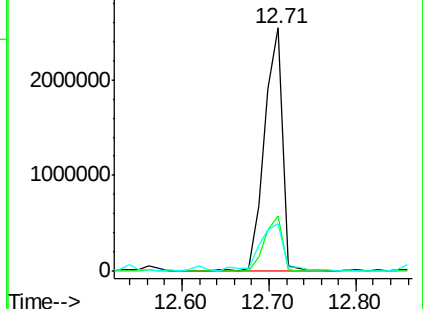
203 19.4 14.7 22.1



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: 68.44 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

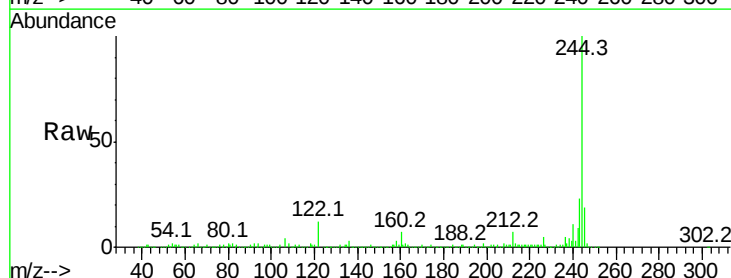
Tgt Ion:244 Resp: 696901

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

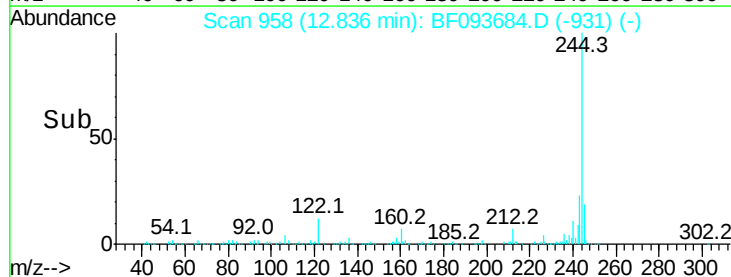
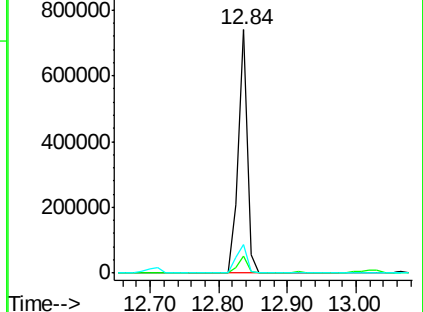
122 11.7 11.4 17.2

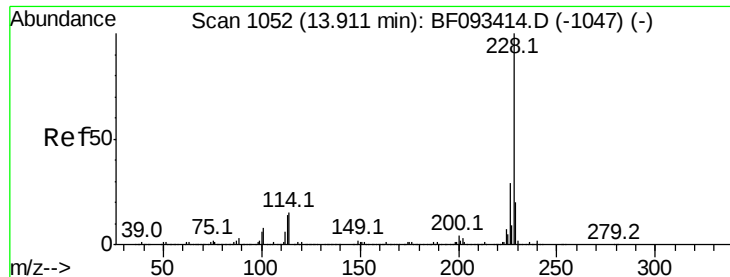


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 138.81 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.03 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

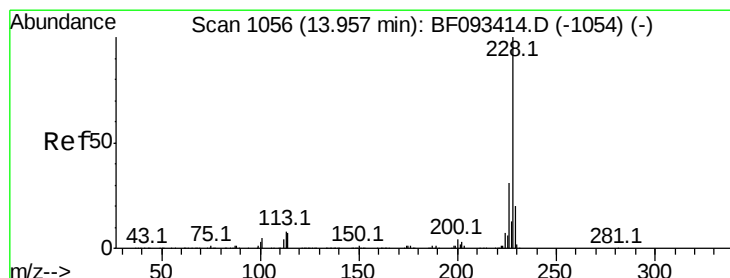
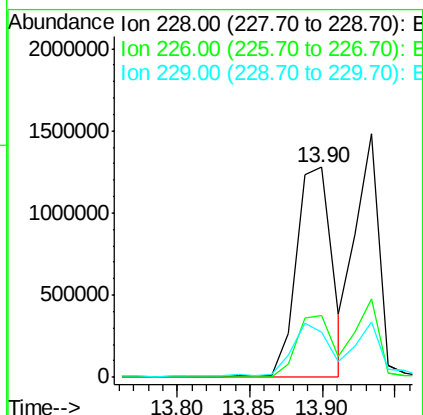
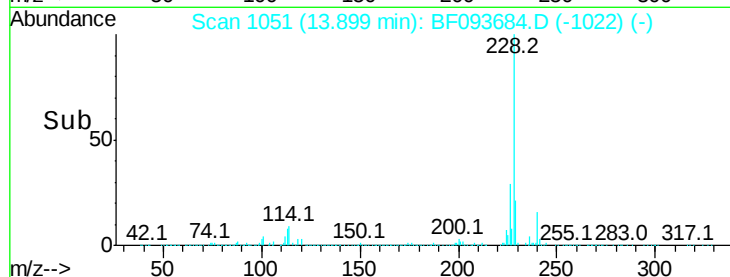
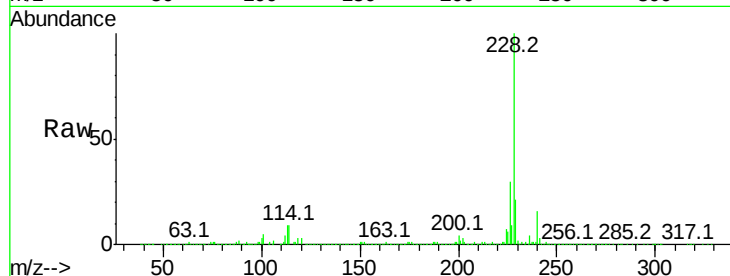
BNA_F

ClientSampleId :

E2-EE9-BASE

Tot Ion:228 Resp: 2170056

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.4	33.6
229	21.3	16.2	24.4



#82

Chrysene

Concen: 150.03 ng

RT: 13.90 min Scan# 1051

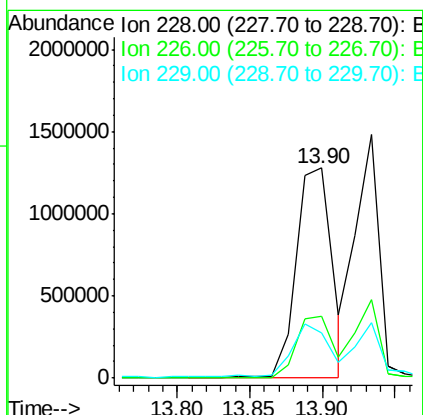
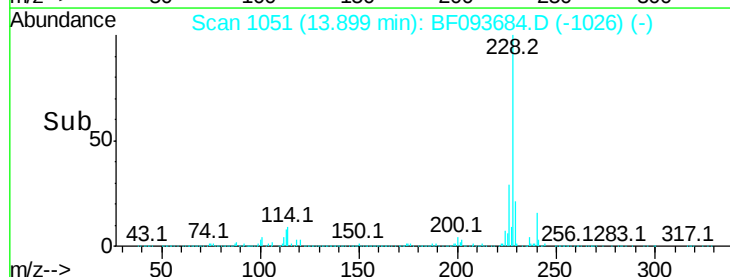
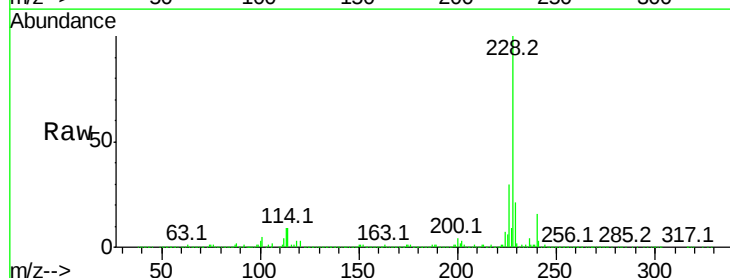
Delta R.T. -0.01 min

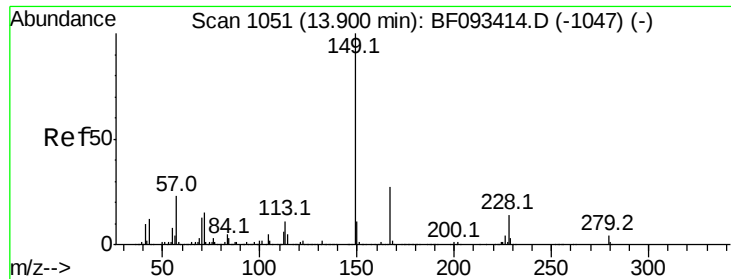
Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Tgt Ion:228 Resp: 2170056

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.0
229	21.3	16.2	24.2

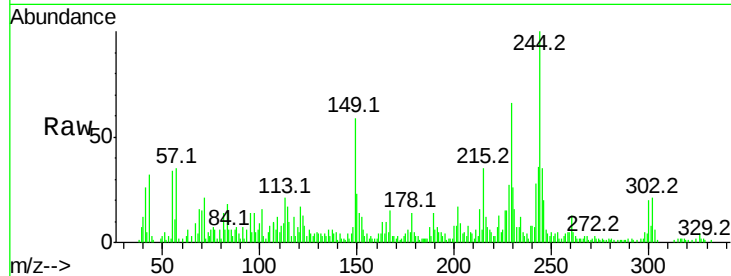




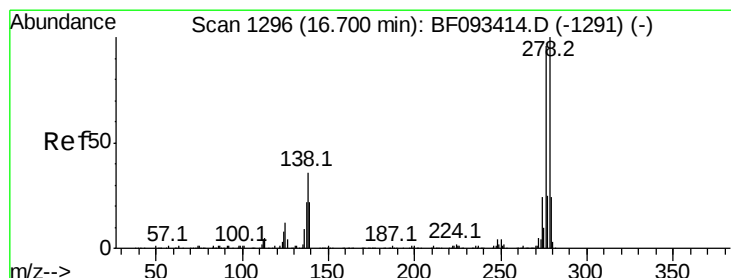
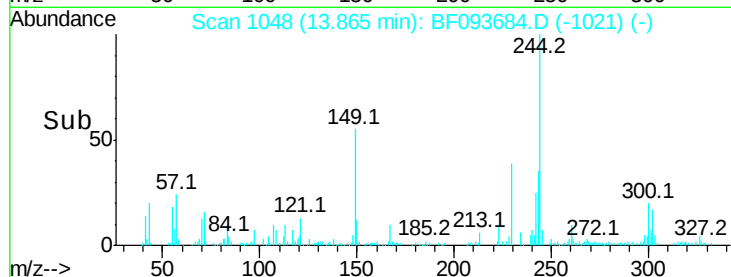
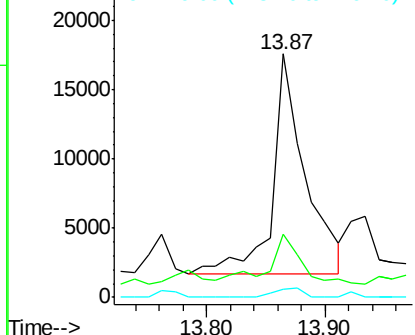
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.72 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF093684.D
 Acq: 15 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-EE9-BASE

Tot Ion:149 Resp: 30756
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.2 30.4
 279 3.5 1.8 2.8#

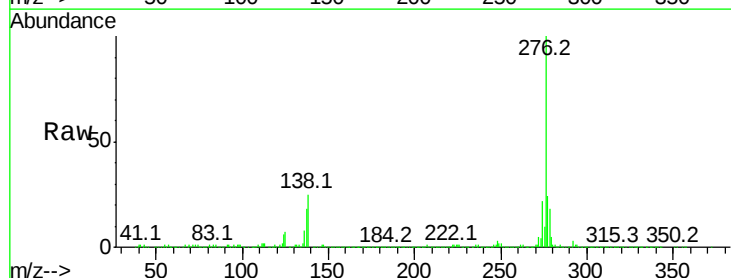


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

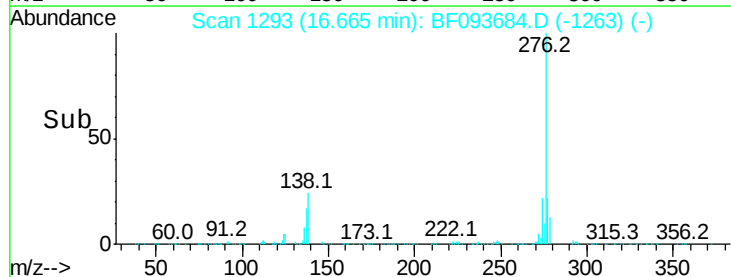
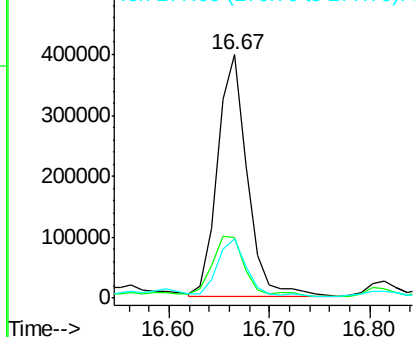


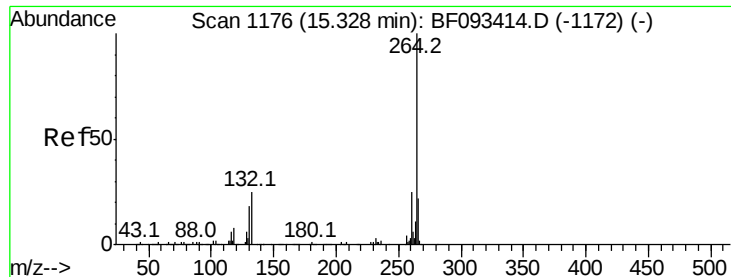
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 66.83 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. 0.05 min
 Lab File: BF093684.D
 Acq: 15 Mar 2017 22:43

Tgt Ion:276 Resp: 809129
 Ion Ratio Lower Upper
 276 100
 138 28.2 21.8 32.6
 277 23.7 20.2 30.4



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

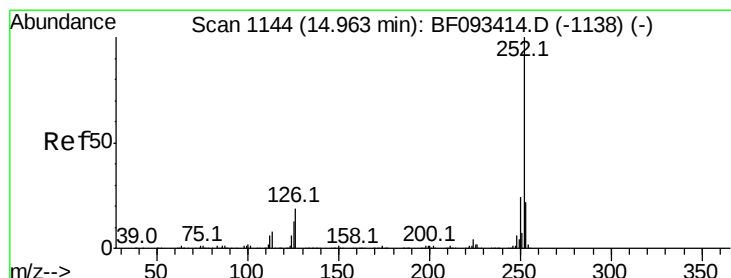
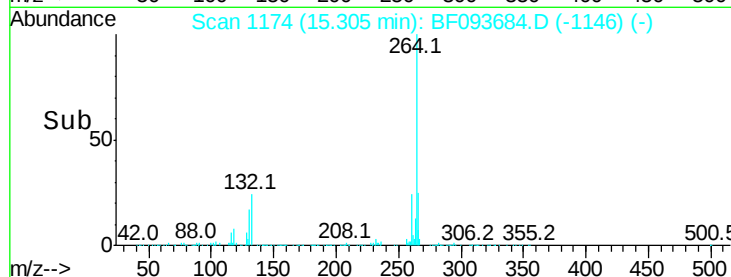
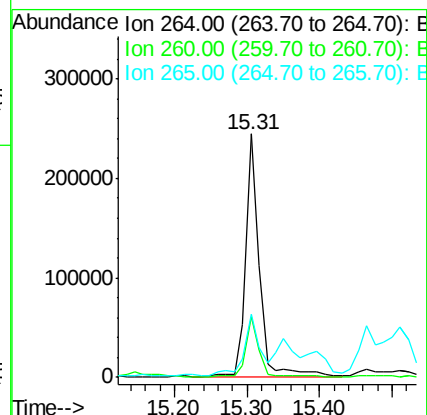
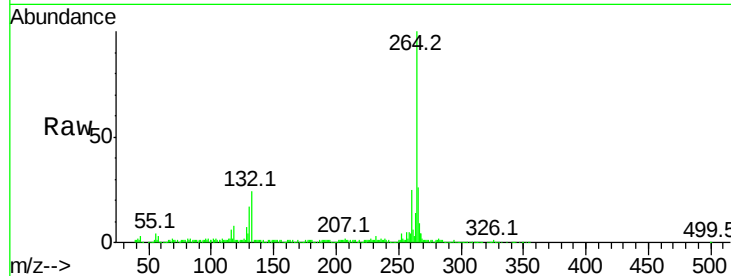




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093684.D
Acq: 15 Mar 2017 22:43

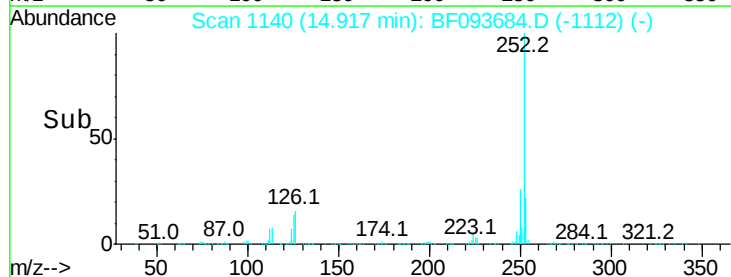
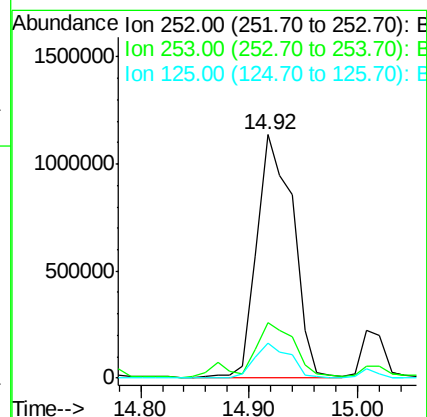
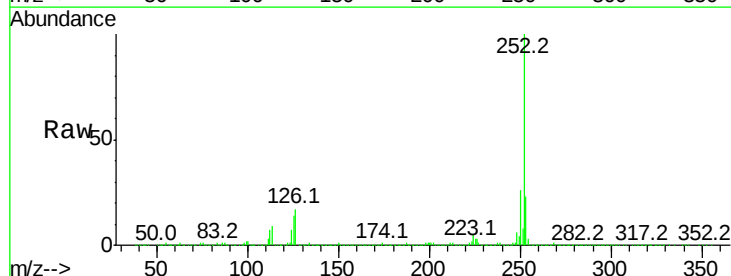
Instrument :
BNA_F
ClientSampleId :
E2-EE9-BASE

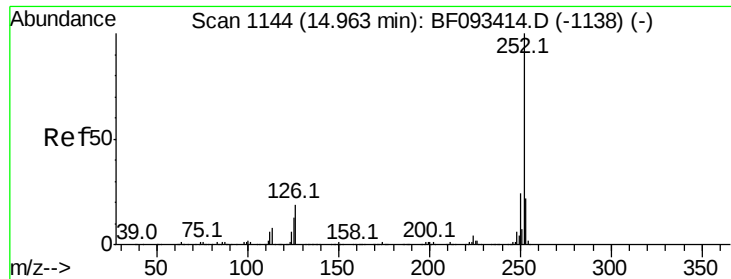
Tot Ion:264 Resp: 318304
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 25.9 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 135.64 ng
RT: 14.92 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BF093684.D
Acq: 15 Mar 2017 22:43

Tgt Ion:252 Resp: 2629446
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 14.2 9.8 14.6

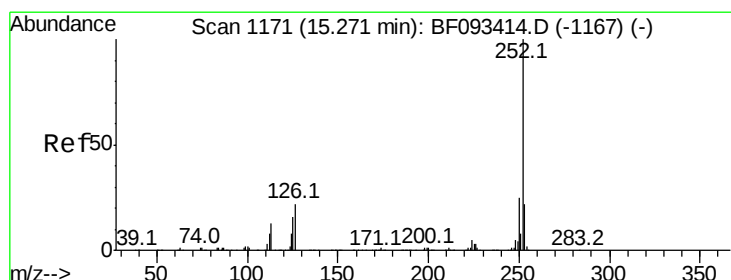
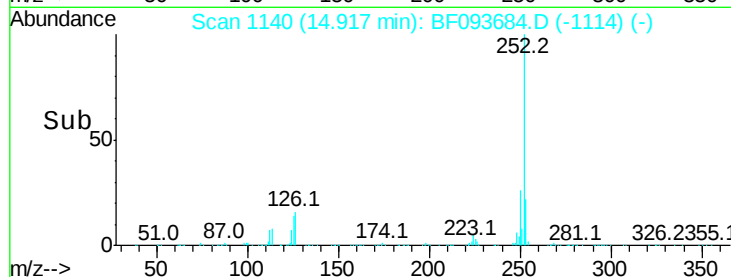
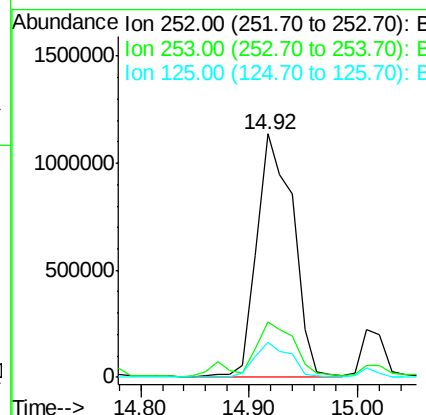
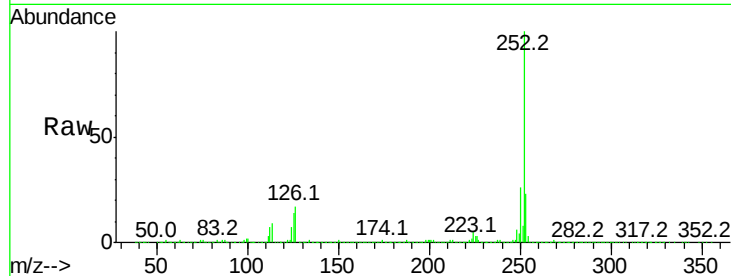




#88
Benzo(k)fluoranthene
Concen: 140.65 ng
RT: 14.92 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF093684.D
Acq: 15 Mar 2017 22:43

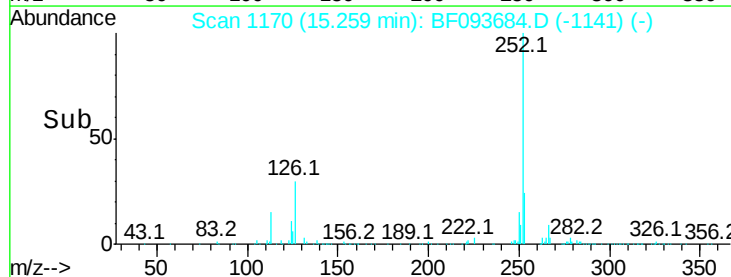
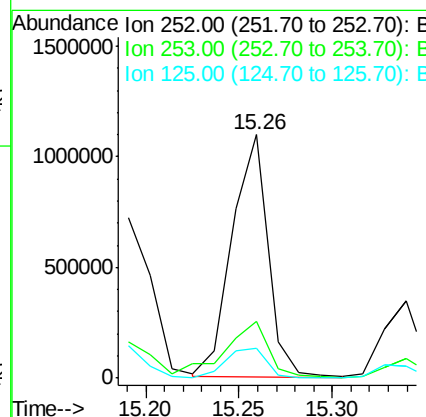
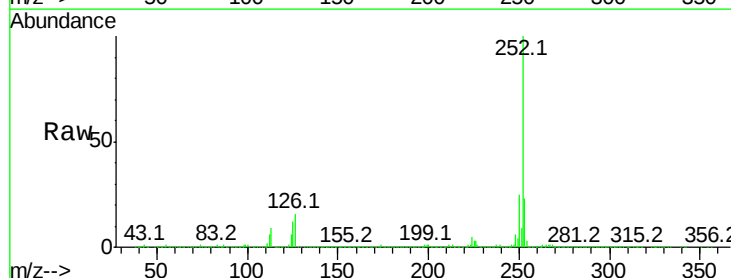
Instrument :
BNA_F
ClientSampleId :
E2-EE9-BASE

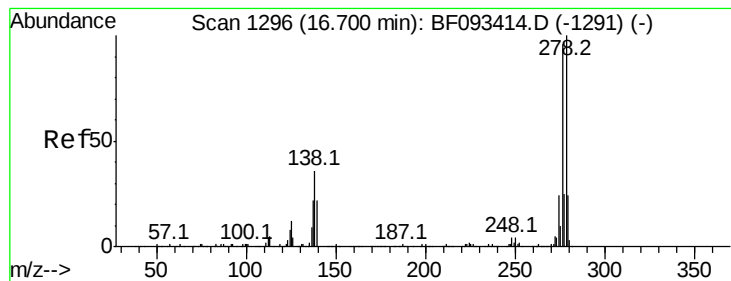
Tot Ion:252 Resp: 2629446
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 14.2 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 83.68 ng
RT: 15.26 min Scan# 1170
Delta R.T. 0.03 min
Lab File: BF093684.D
Acq: 15 Mar 2017 22:43

Tgt Ion:252 Resp: 1482577
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 12.1 10.0 15.0





#90

Dibenzo(a,h)anthracene

Concen: 12.12 ng

RT: 16.81 min Scan# 1306

Delta R.T. 0.19 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-EE9-BASE

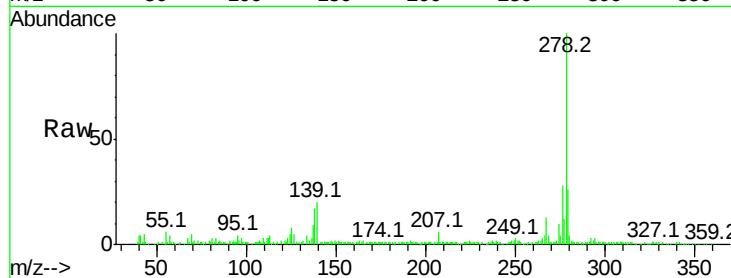
Tot Ion:278 Resp: 177667

Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.8	22.2
279	25.7	19.8	29.6

278 100

139 20.1 14.8 22.2

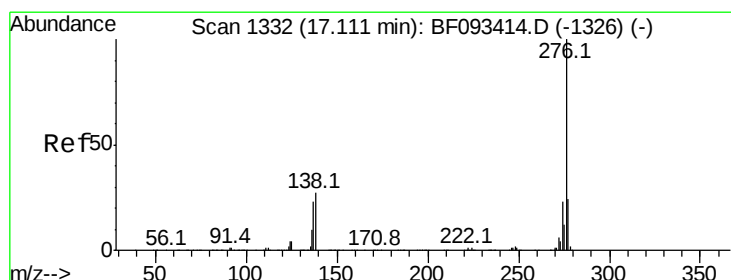
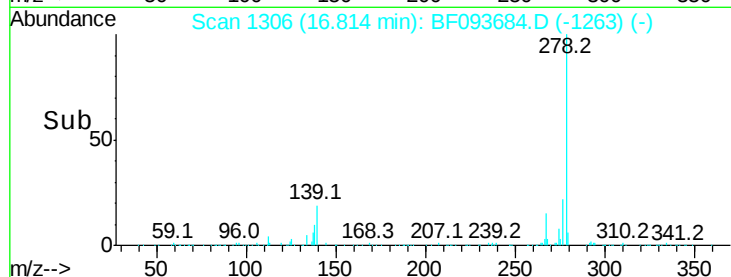
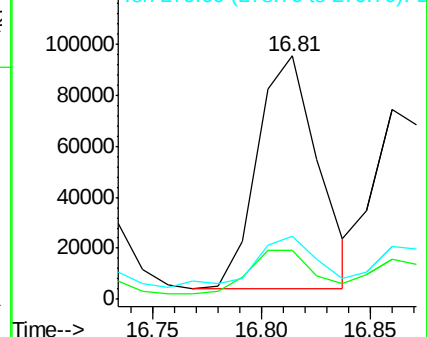
279 25.7 19.8 29.6



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: 48.15 ng

RT: 17.08 min Scan# 1329

Delta R.T. 0.06 min

Lab File: BF093684.D

Acq: 15 Mar 2017 22:43

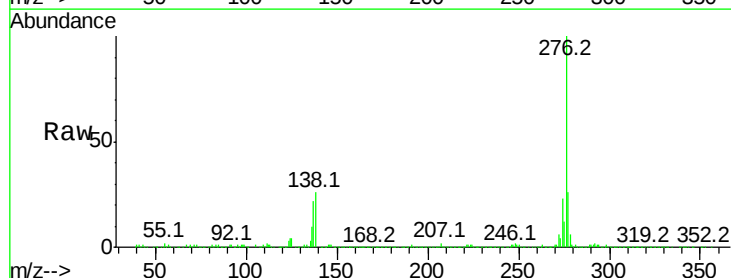
Tgt Ion:276 Resp: 724413

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.2	28.8
138	26.0	16.0	24.0

276 100

277 25.8 19.2 28.8

138 26.0 16.0 24.0



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

