

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094585.D
 Acq On : 24 Apr 2017 15:12
 Operator : SJ/MA
 Sample : I2780-07 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Apr 25 01:04:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	152233	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	590892	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	246675	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	359261	20.00	ng	0.00
75) Chrysene-d12	14.49	240	190057	20.00	ng	0.02
86) Perylene-d12	16.11	264	269526	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	687609	74.94	ng	0.00
7) Phenol-d6	5.38	99	830790	76.80	ng	0.00
23) Nitrobenzene-d5	6.40	82	489807	51.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	128993	66.85	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	844498	50.37	ng	-0.01
78) Terphenyl-d14	13.19	244	459802	64.67	ng	0.00

Target Compounds

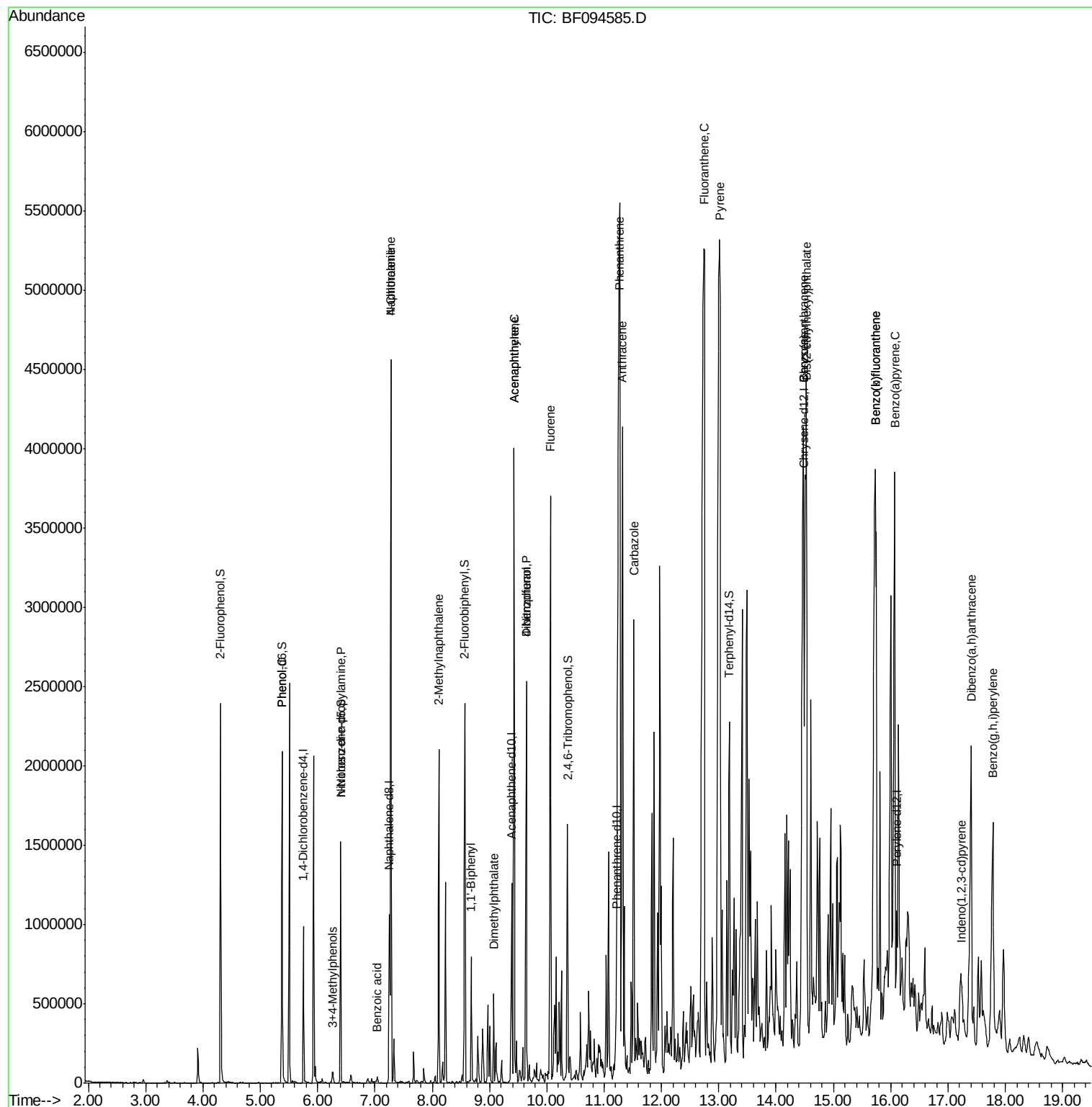
						Qvalue
10) Phenol	5.39	94	33419	2.51	ng	96
19) n-Nitroso-di-n-propylamine	6.40	70	62941	8.78	ng	# 78
20) 3+4-Methylphenols	6.26	107	24946	2.23	ng	# 62
31) Naphthalene	7.28	128	2437343	85.80	ng	99
32) Benzoic acid	7.04	122	10174	2.19	ng	# 14
33) 4-Chloroaniline	7.28	127	333660	28.24	ng	# 31
37) 2-Methylnaphthalene	8.11	142	639298	32.90	ng	99
45) 1,1'-Biphenyl	8.68	154	235640	11.69	ng	97
48) Acenaphthylene	9.43	152	576277	23.07	ng	# 1
49) Dimethylphthalate	9.07	163	226131	12.30	ng	98
51) Acenaphthene	9.43	154	1065656	71.22	ng	100
54) Dibenzofuran	9.64	168	1216093	55.92	ng	98
55) 4-Nitrophenol	9.64	139	453856	134.57	ng	# 27
57) Fluorene	10.07	166	1341460	79.21	ng	99
70) Phenanthrene	11.28	178	5875625	290.43	ng	100
71) Anthracene	11.32	178	2246566	107.35	ng	99
72) Carbazole	11.52	167	1471253	74.90	ng	98
74) Fluoranthene	12.75	202	6370576	303.83	ng	99
77) Pyrene	13.02	202	2086939	157.17	ng	96
80) Benzo(a)anthracene	14.48	228	3473512	314.44	ng	98
82) Chrysene	14.48	228	3473512	344.06	ng	96
83) Bis(2-ethylhexyl)phthalate	14.52	149	17499	2.24	ng	# 78
85) Indeno(1,2,3-cd)pyrene	17.24	276	281794	29.34	ng	95
87) Benzo(b)fluoranthene	15.73	252	4640171	281.43	ng	97
88) Benzo(k)fluoranthene	15.73	252	4640171	297.39	ng	96
89) Benzo(a)pyrene	16.07	252	2492692	162.51	ng	97
90) Dibenzo(a,h)anthracene	17.41	278	373663	29.34	ng	92
91) Benzo(g,h,i)perylene	17.78	276	1263412	97.43	ng	96

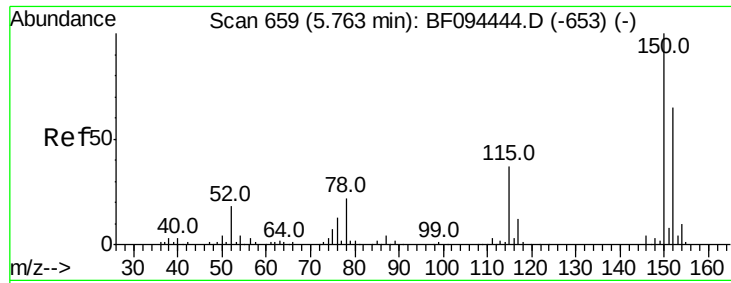
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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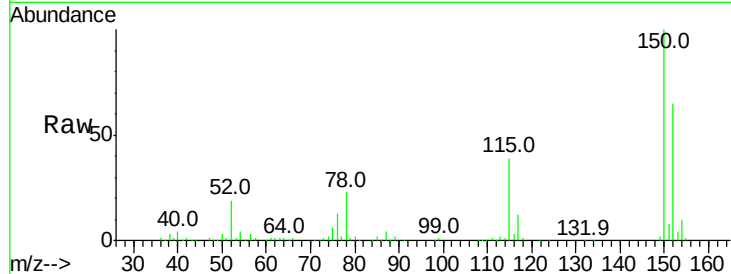


#1

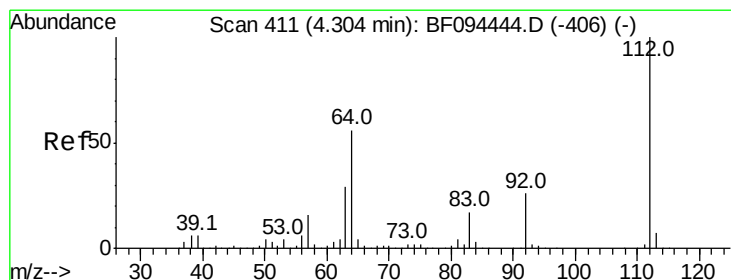
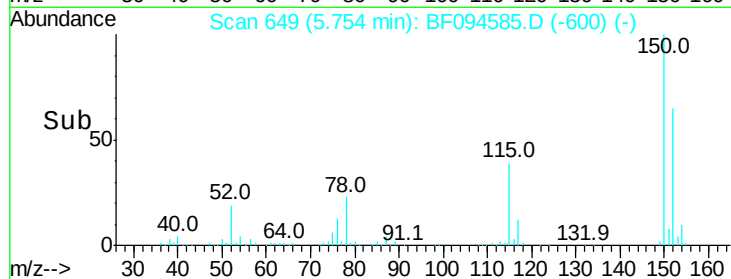
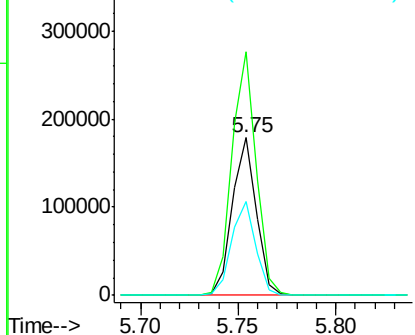
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094585.D
Acq: 24 Apr 2017 15:12

Instrument :
BNA_F
ClientSampleId :
PE-4

Tot Ion:152 Resp: 152233
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 59.8 52.2 78.2



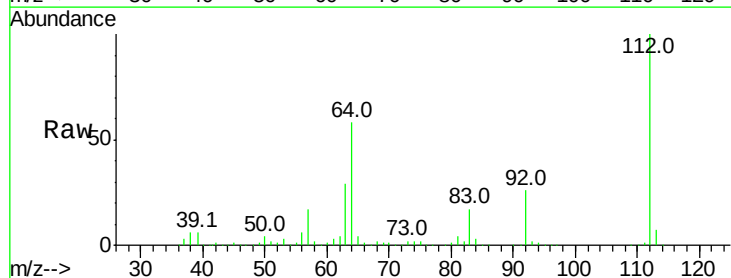
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



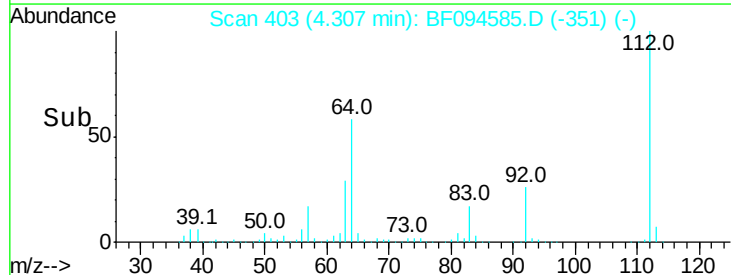
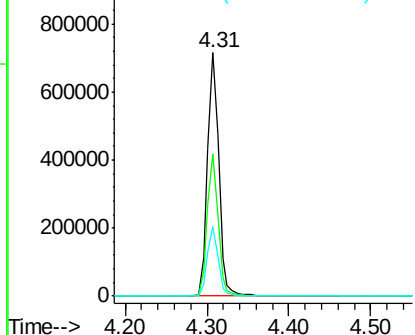
#5

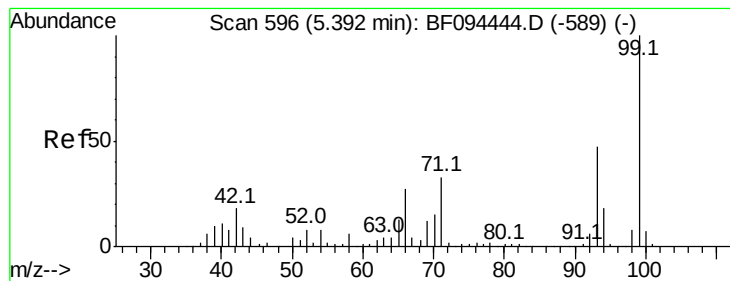
2-Fluorophenol
Concen: 74.94 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094585.D
Acq: 24 Apr 2017 15:12

Tgt Ion:112 Resp: 687609
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 28.7 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: 76.80 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampled :

PE-4

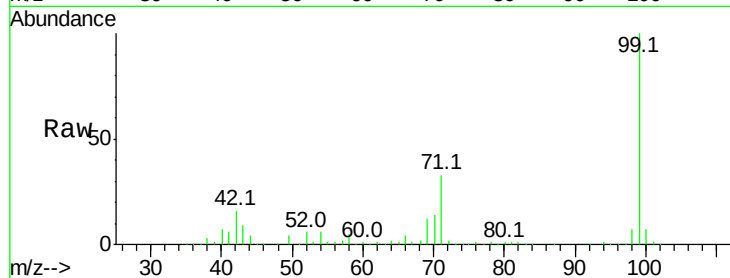
Tot Ion: 99 Resp: 830790

Ion Ratio Lower Upper

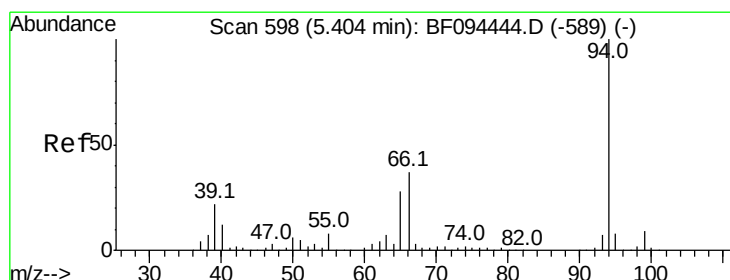
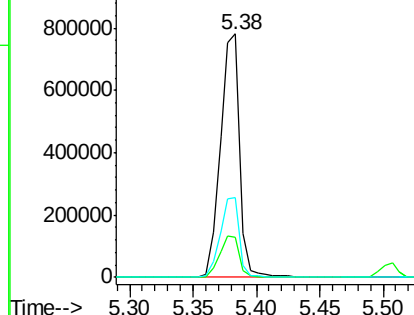
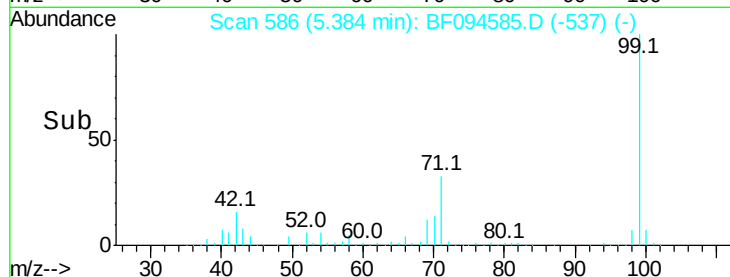
99 100

42 16.5 13.5 20.3

71 32.6 24.5 36.7



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



#10

Phenol

Concen: 2.51 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

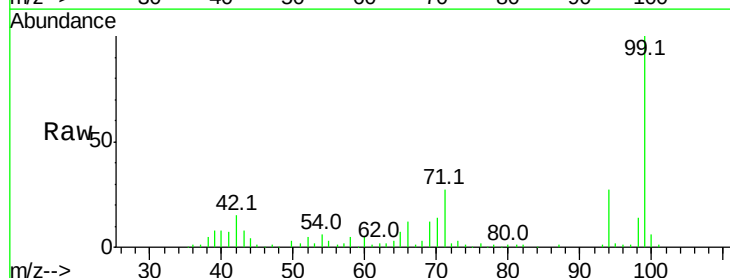
Tgt Ion: 94 Resp: 33419

Ion Ratio Lower Upper

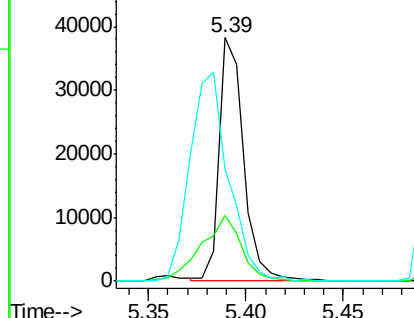
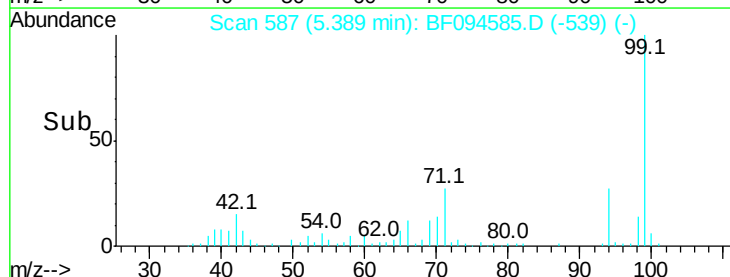
94 100

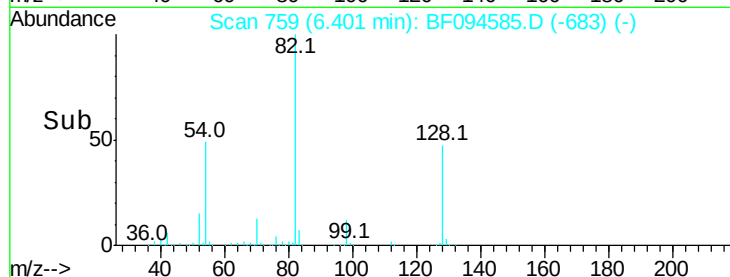
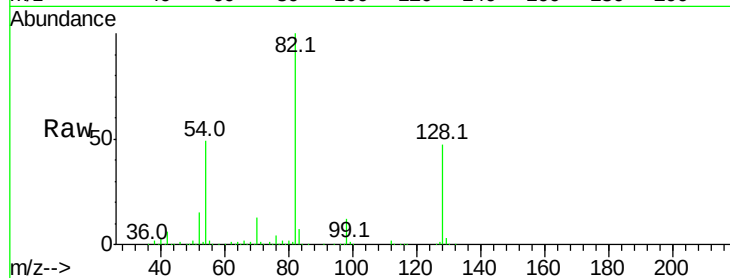
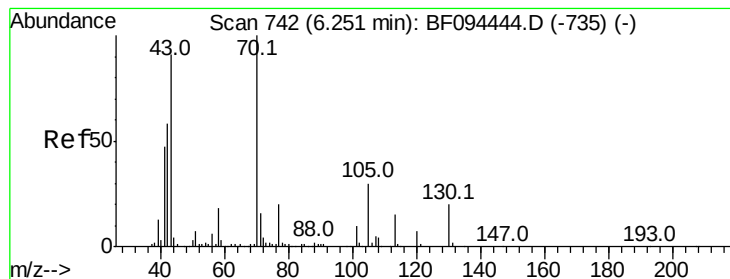
65 27.1 9.9 49.9

66 45.7 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: 8.78 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PE-4

Tot Ion: 70 Resp: 62941

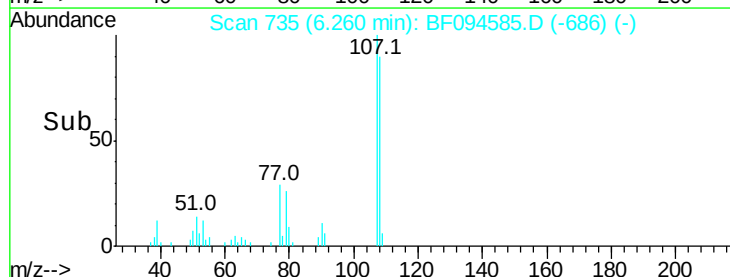
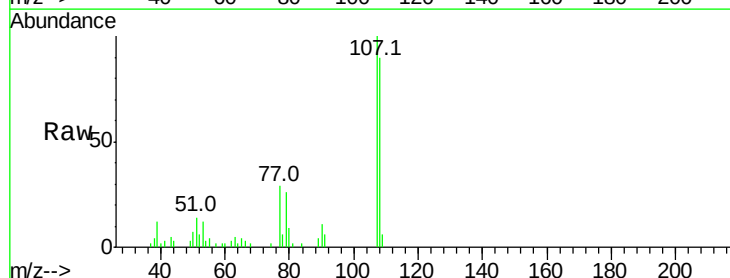
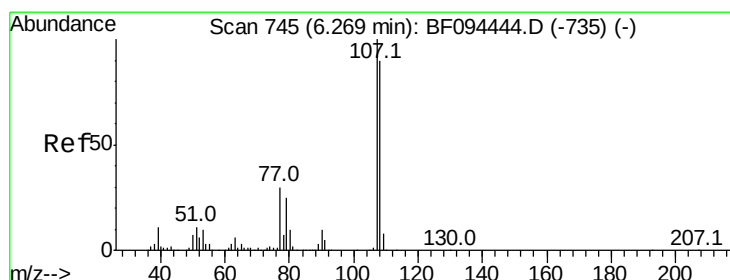
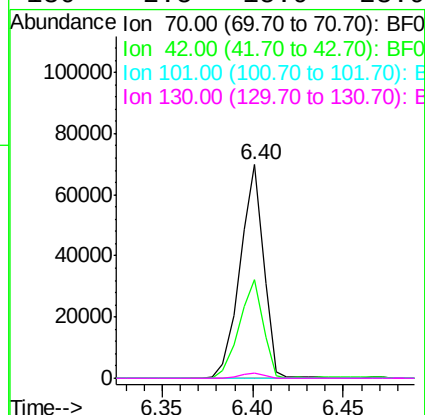
Ion Ratio Lower Upper

70 100

42 46.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#



#20

3+4-Methylphenols

Concen: 2.23 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Tgt Ion:107 Resp: 24946

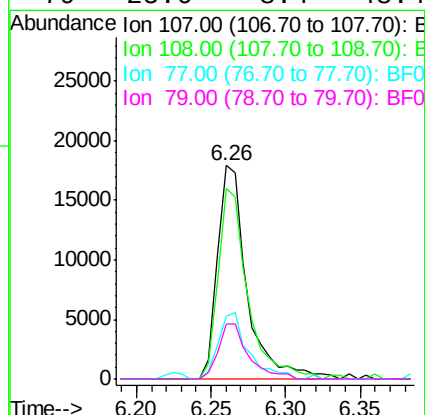
Ion Ratio Lower Upper

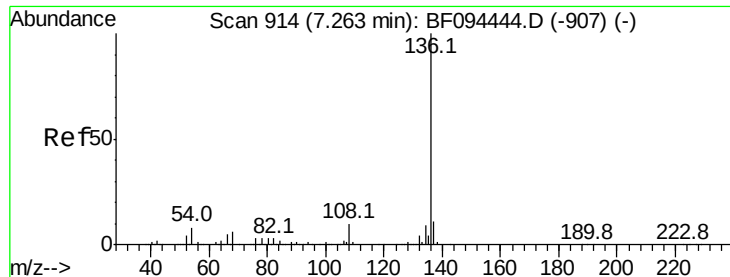
107 100

108 89.5 71.0 111.0

77 29.4 90.5 130.5#

79 25.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PE-4

Tot Ion:136 Resp: 590892

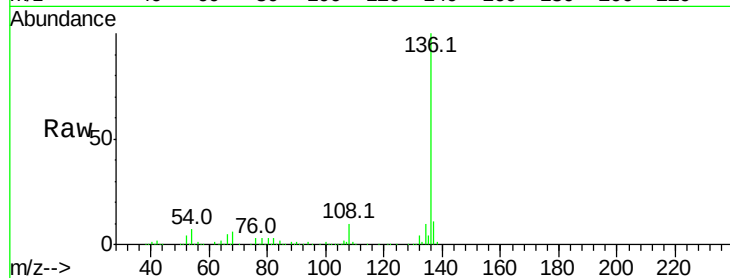
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

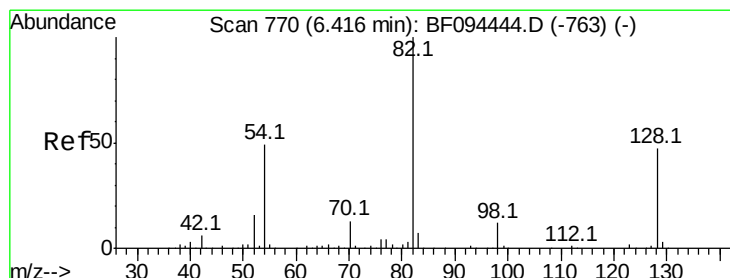
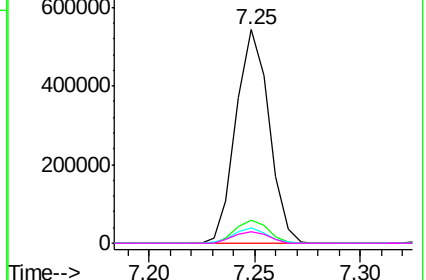
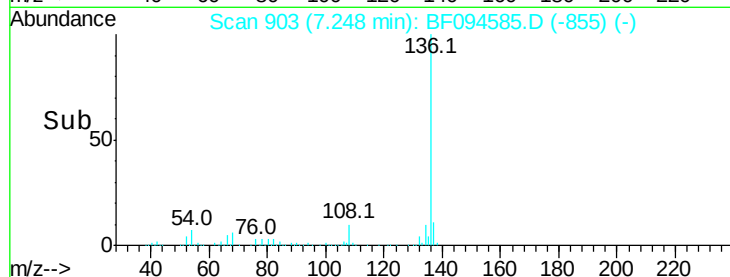


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 51.18 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

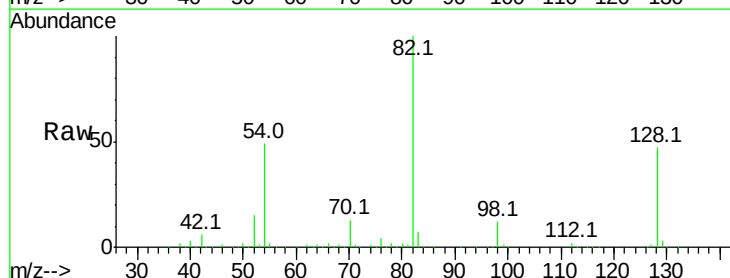
Tgt Ion: 82 Resp: 489807

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

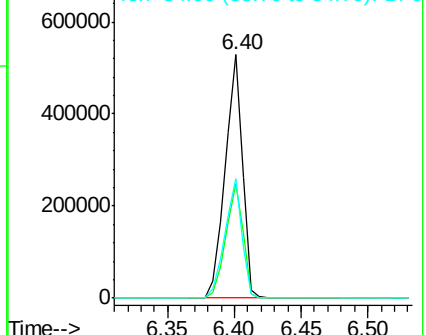
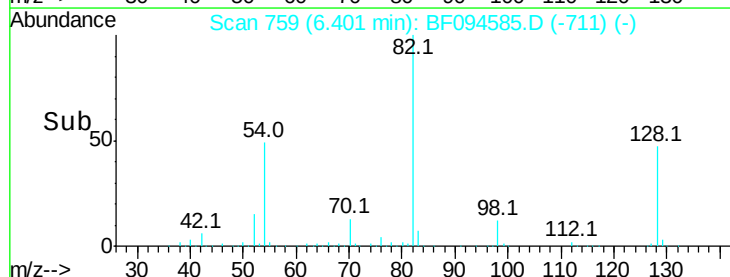
54 49.0 42.2 63.2

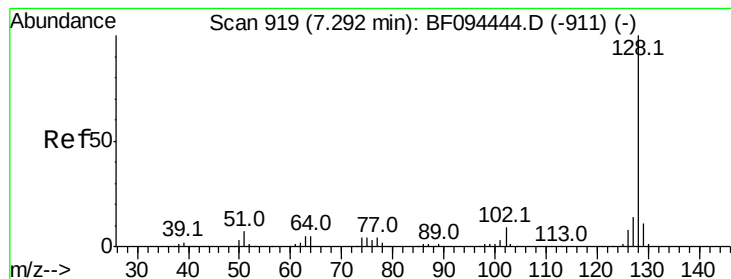


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 85.80 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PE-4

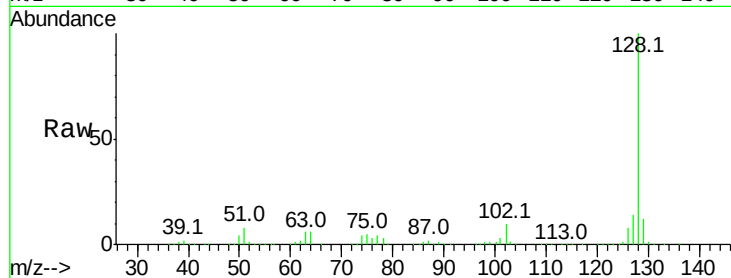
Tot Ion:128 Resp: 2437343

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

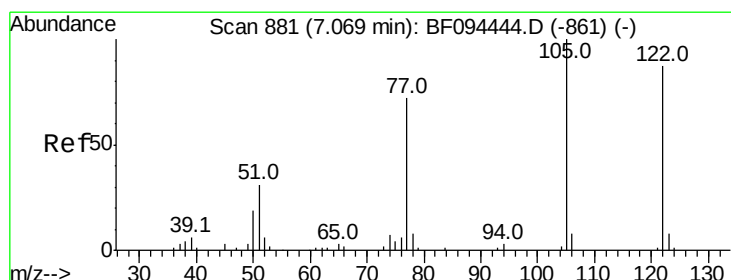
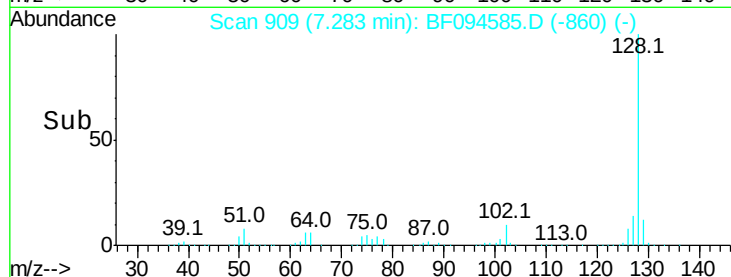
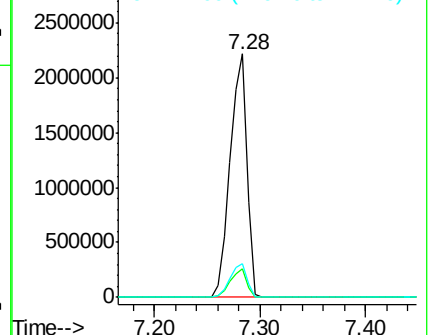
127 13.8 10.8 16.2



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



#32

Benzoic acid

Concen: 2.19 ng

RT: 7.04 min Scan# 868

Delta R.T. -0.03 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

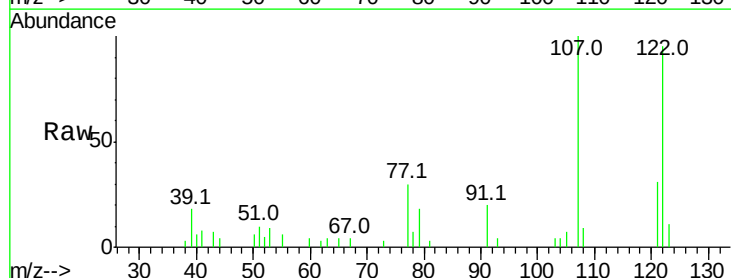
Tgt Ion:122 Resp: 10174

Ion Ratio Lower Upper

122 100

105 7.0 103.3 143.3#

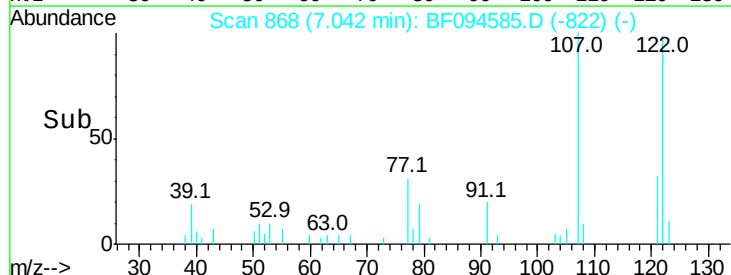
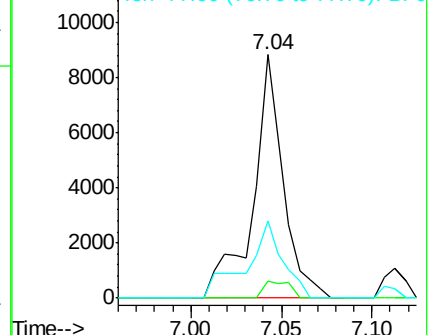
77 31.6 73.7 113.7#

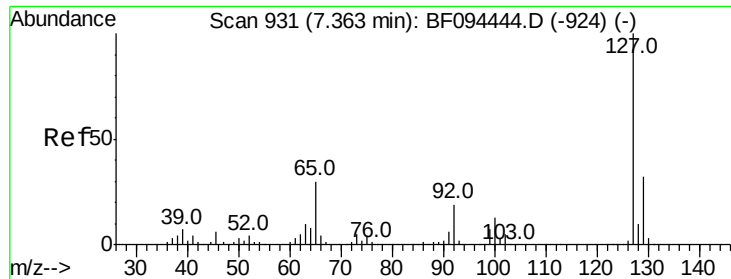


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

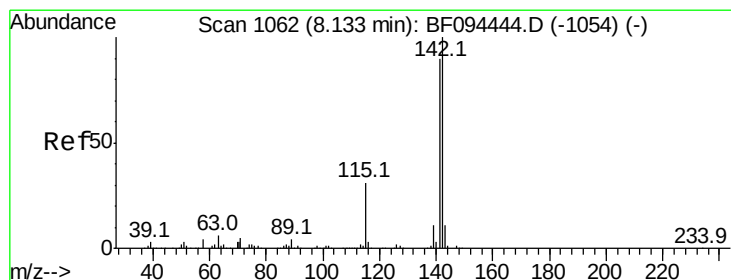
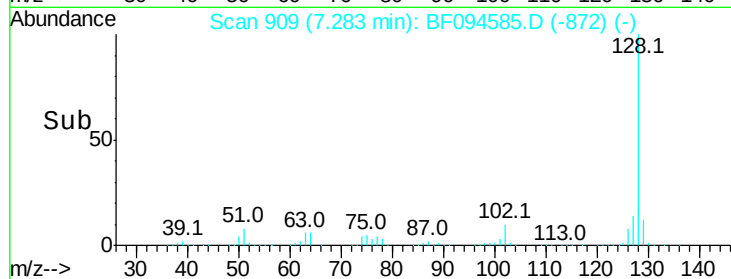
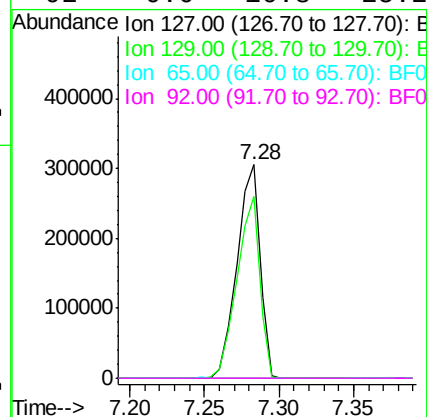
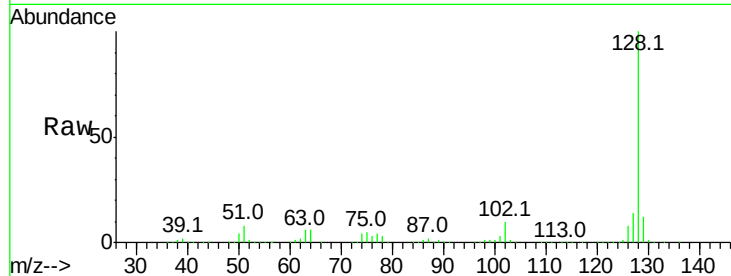




#33
 4-Chloroaniline
 Concen: 28.24 ng
 RT: 7.28 min Scan# 909
 Delta R.T. -0.08 min
 Lab File: BF094585.D
 Acq: 24 Apr 2017 15:12

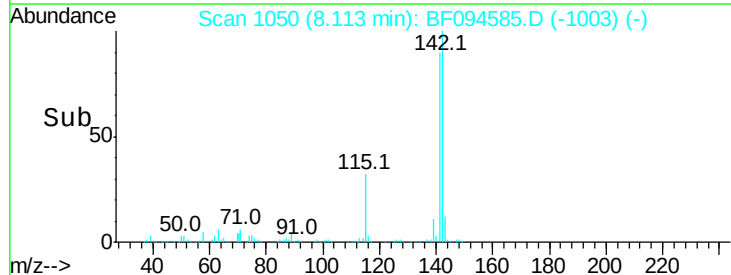
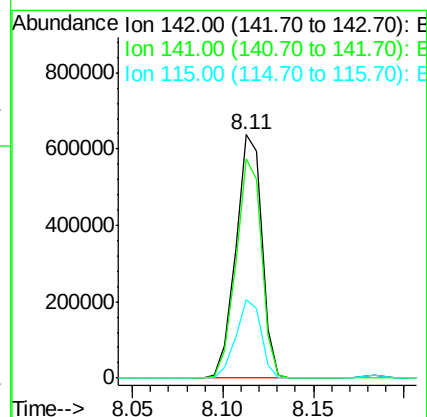
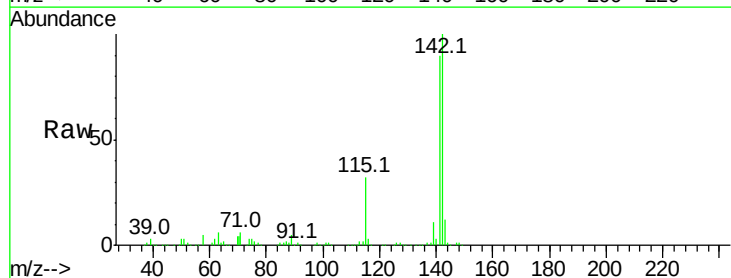
Instrument :
 BNA_F
 ClientSampleId :
 PE-4

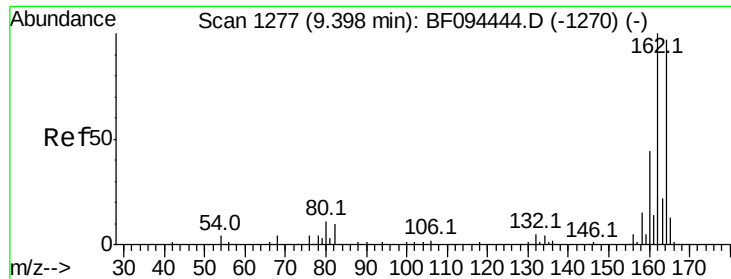
Tot Ion:	127	Resp:	333660
Ion	Ratio	Lower	Upper
127	100		
129	84.9	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
 2-Methylnaphthalene
 Concen: 32.90 ng
 RT: 8.11 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BF094585.D
 Acq: 24 Apr 2017 15:12

Tgt Ion:	142	Resp:	639298
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	32.3	27.1	40.7

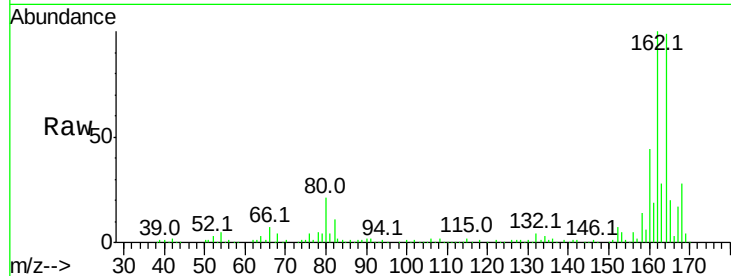




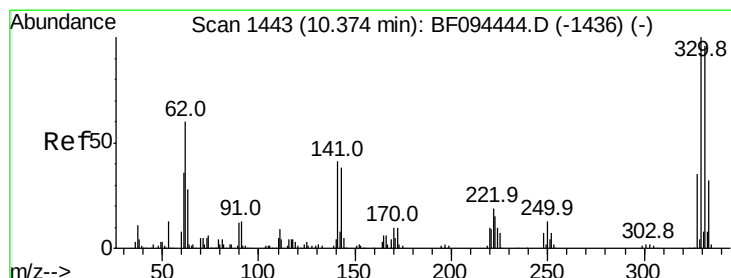
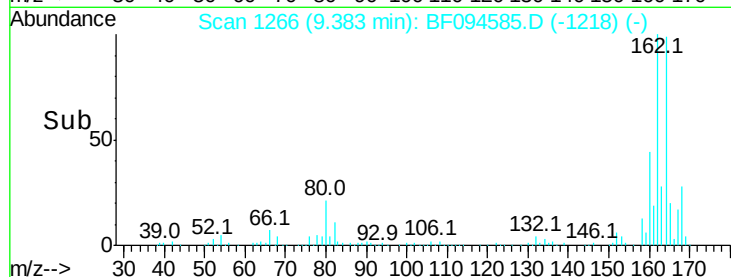
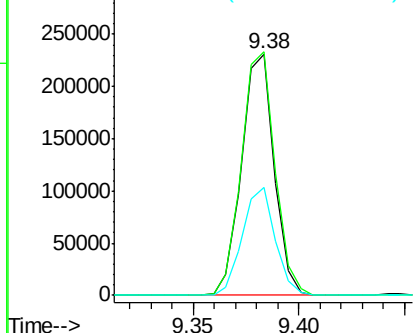
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094585.D
 Acq: 24 Apr 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tot Ion:164 Resp: 246675
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.6 123.8
 160 44.8 36.2 54.2

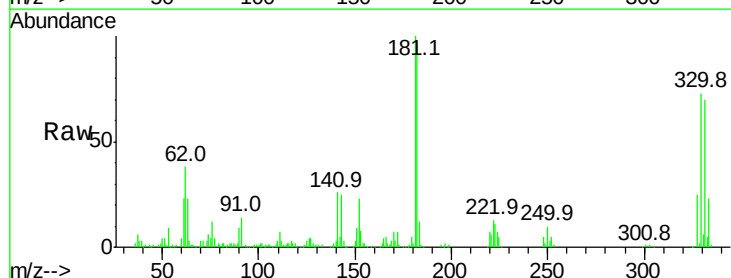


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

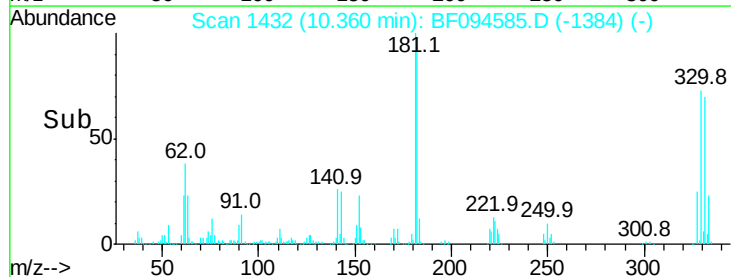
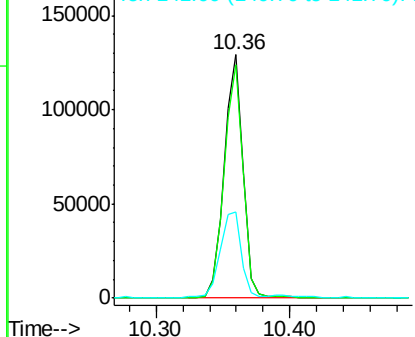


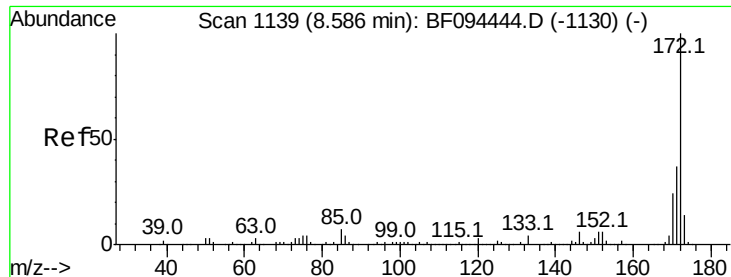
#41
 2,4,6-Tribromophenol
 Concen: 66.85 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094585.D
 Acq: 24 Apr 2017 15:12

Tgt Ion:330 Resp: 128993
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.6 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

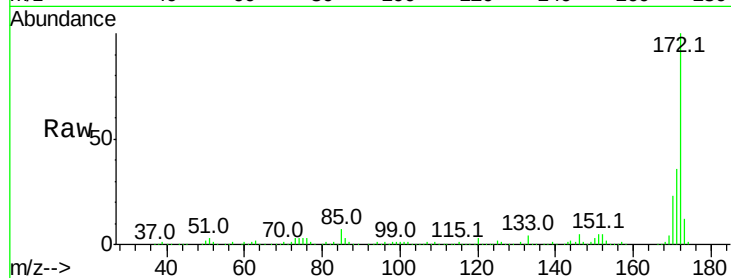




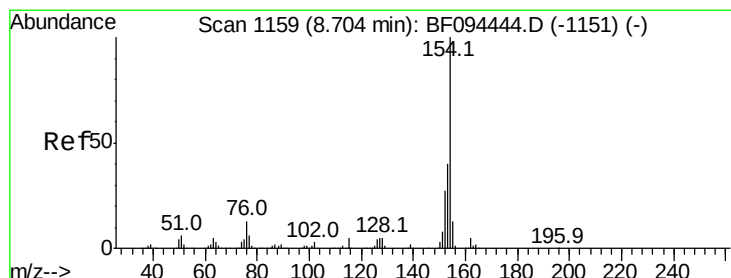
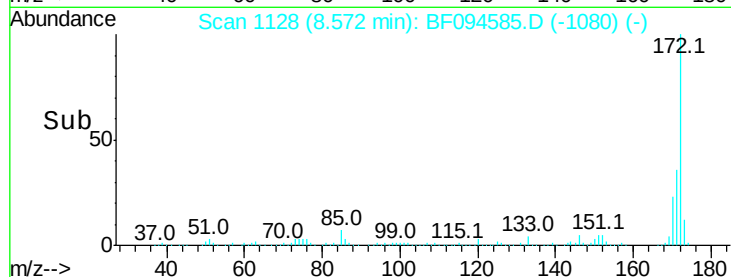
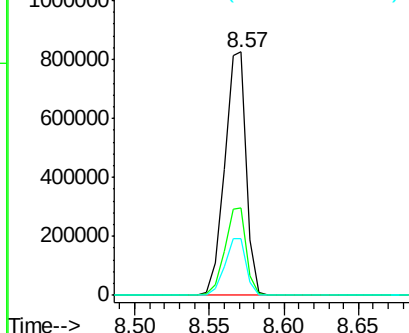
#44
 2-Fluorobiphenyl
 Concen: 50.37 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094585.D
 Acq: 24 Apr 2017 15:12

Instrument :
 BNA_F
 ClientSampled :
 PE-4

Tot Ion:172 Resp: 844498
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.4 19.8 29.8

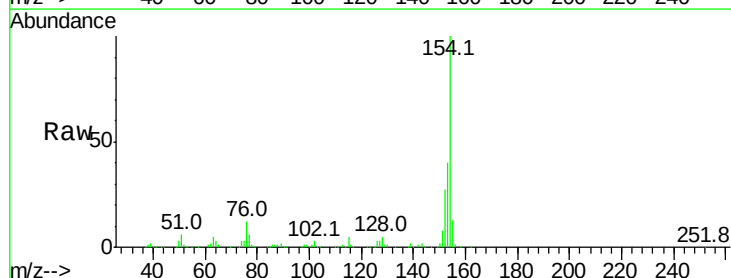


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

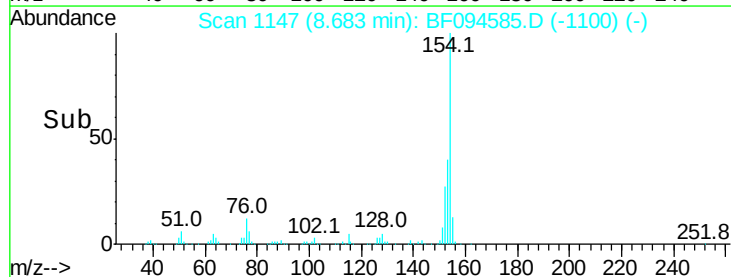
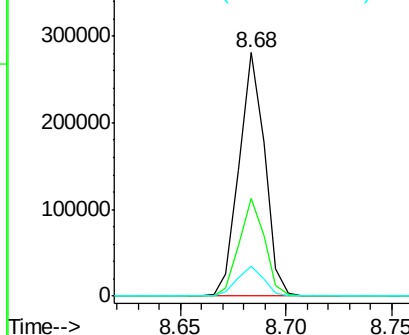


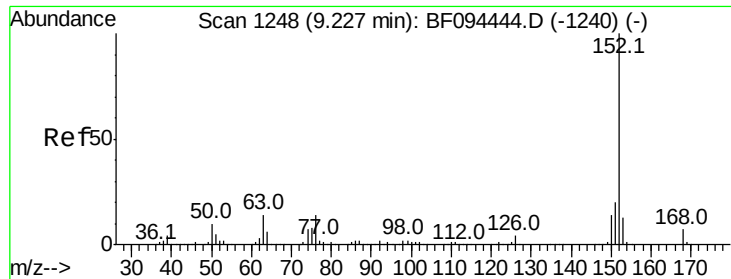
#45
 1,1'-Biphenyl
 Concen: 11.69 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF094585.D
 Acq: 24 Apr 2017 15:12

Tgt Ion:154 Resp: 235640
 Ion Ratio Lower Upper
 154 100
 153 39.9 21.2 61.2
 76 12.4 0.0 29.9



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): BF0





#48

Acenaphthylene

Concen: 23.07 ng

RT: 9.43 min Scan# 1274

Delta R.T. 0.20 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampled :

PE-4

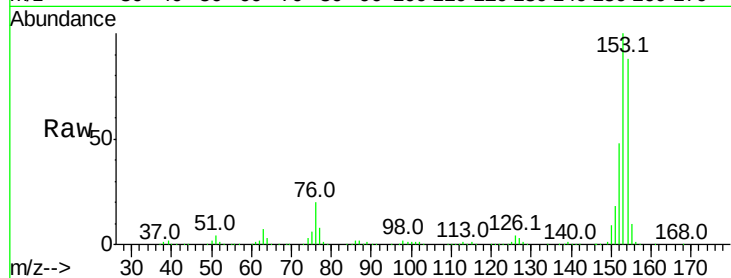
Tot Ion:152 Resp: 576277

Ion Ratio Lower Upper

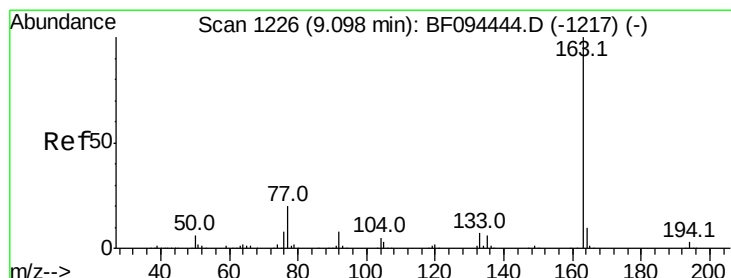
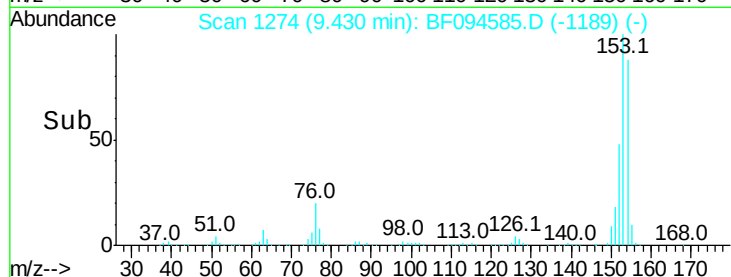
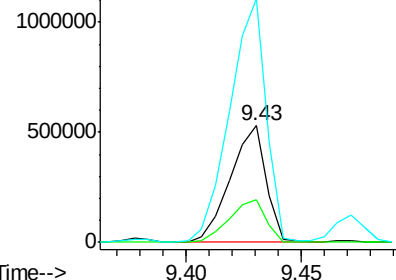
152 100

151 37.1 16.8 25.2#

153 208.9 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: 12.30 ng

RT: 9.07 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

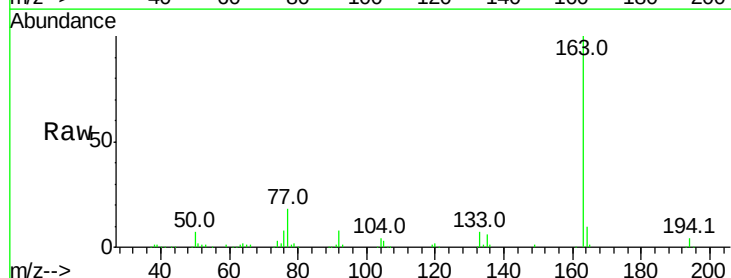
Tgt Ion:163 Resp: 226131

Ion Ratio Lower Upper

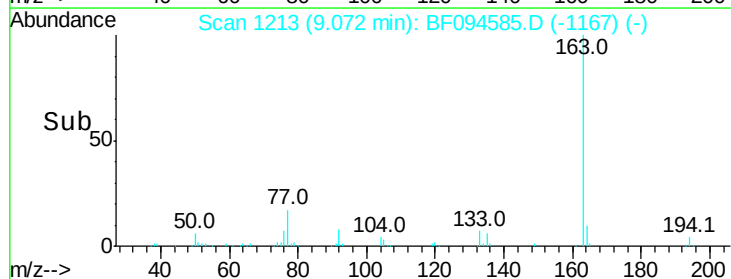
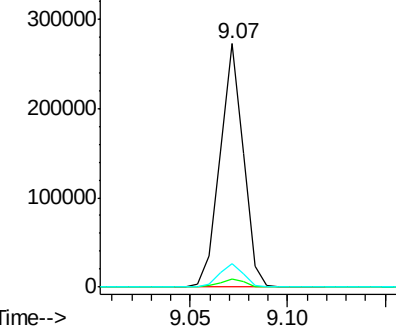
163 100

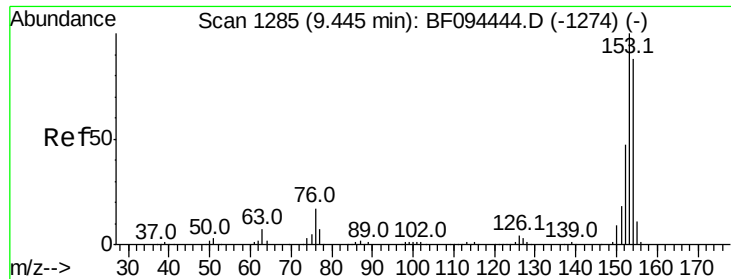
194 3.6 2.6 4.0

164 9.6 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: 71.22 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PE-4

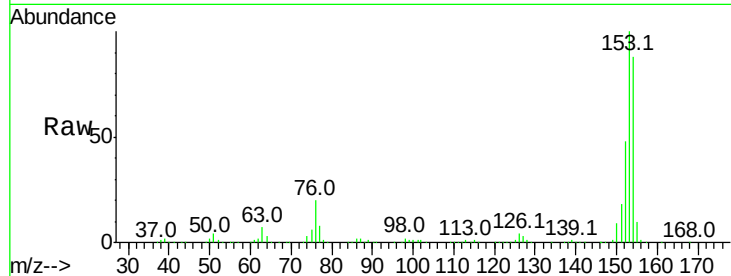
Tot Ion:154 Resp: 1065656

Ion Ratio Lower Upper

154 100

153 113.7 90.5 135.7

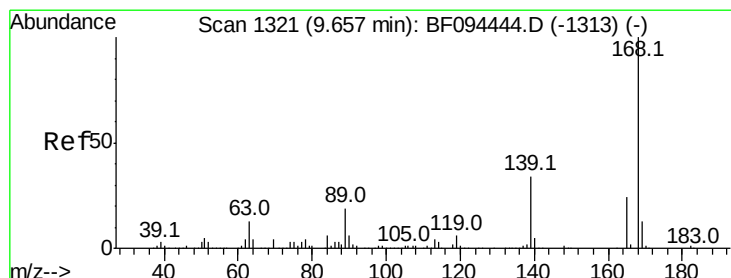
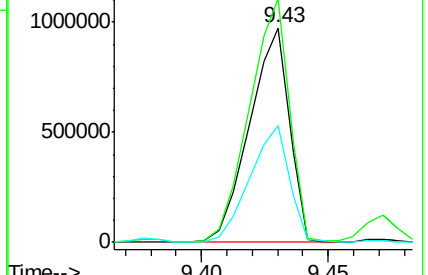
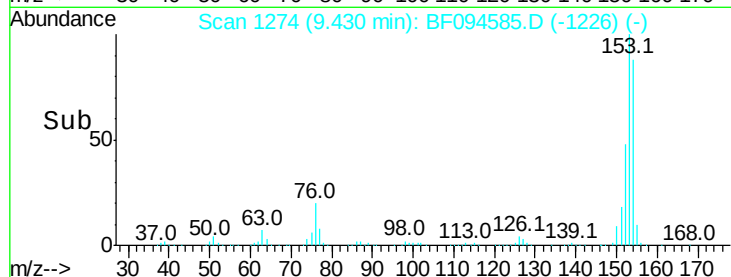
152 54.4 43.6 65.4



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: 55.92 ng

RT: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

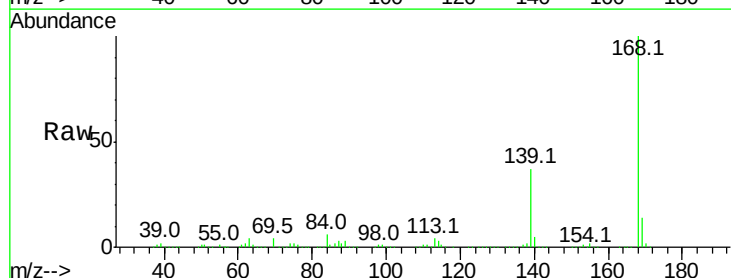
Tgt Ion:168 Resp: 1216093

Ion Ratio Lower Upper

168 100

139 36.8 30.6 45.8

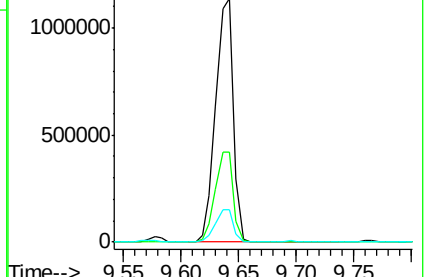
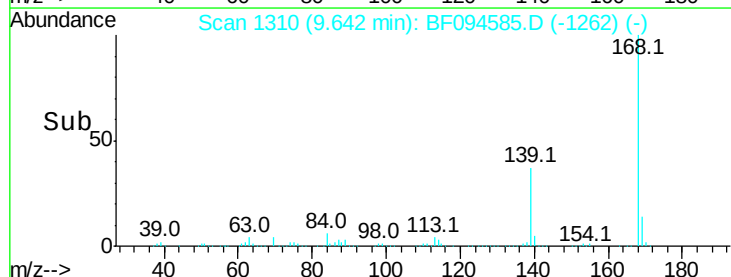
169 13.6 10.8 16.2

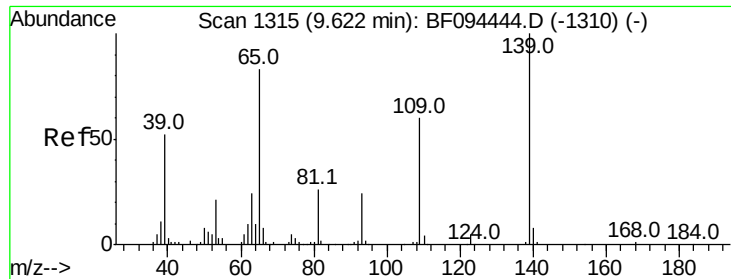


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 134.57 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampled :

PE-4

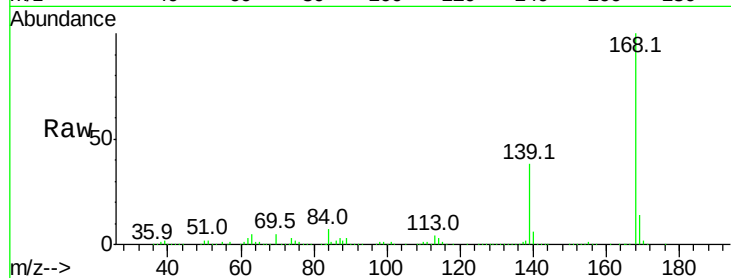
Tot Ion:139 Resp: 453856

Ion Ratio Lower Upper

139 100

109 0.7 34.1 74.1#

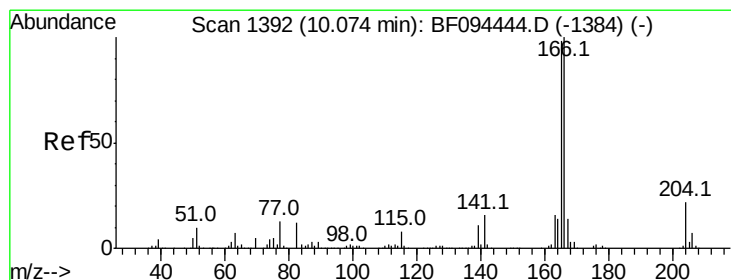
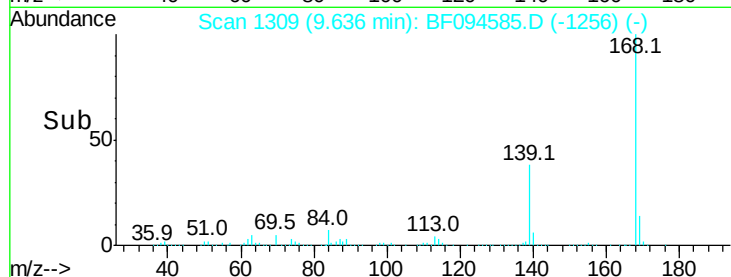
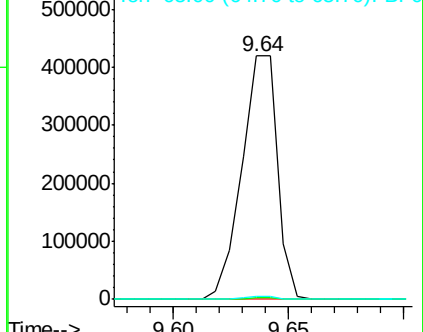
65 1.3 31.4 71.4#



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: 79.21 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

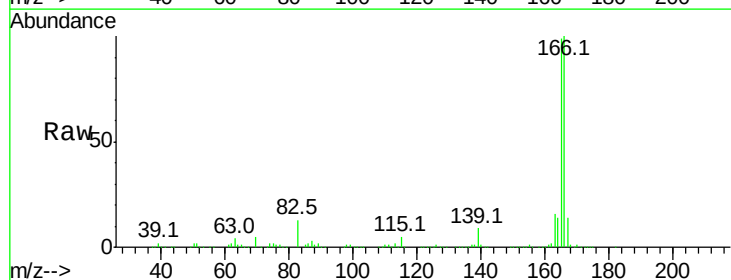
Tgt Ion:166 Resp: 1341460

Ion Ratio Lower Upper

166 100

165 98.9 78.8 118.2

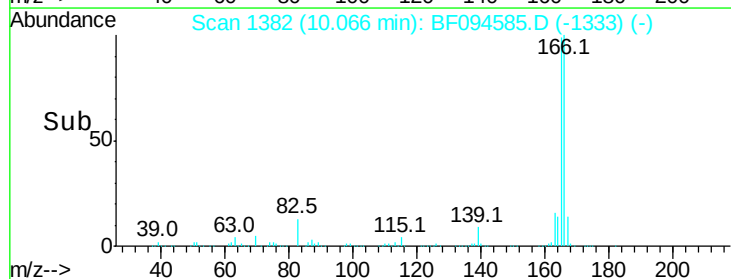
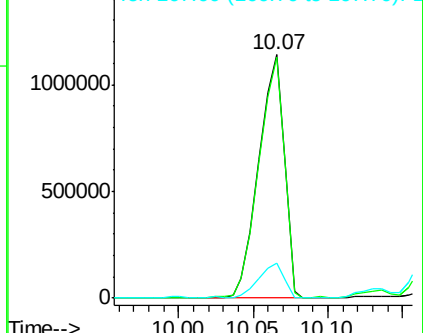
167 14.3 10.6 16.0

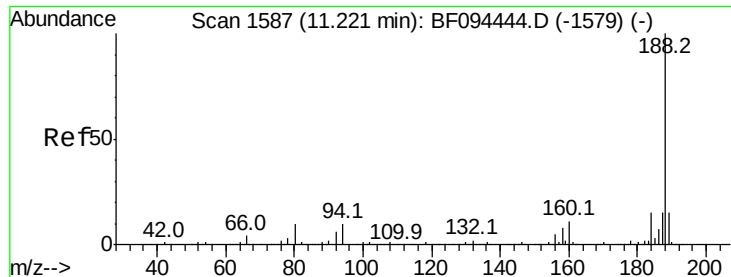


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

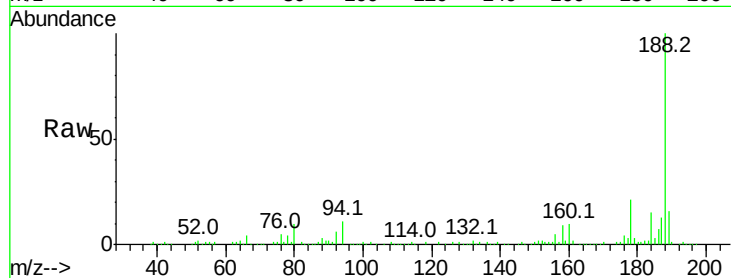




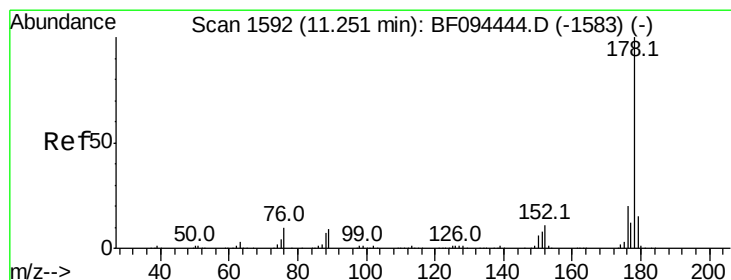
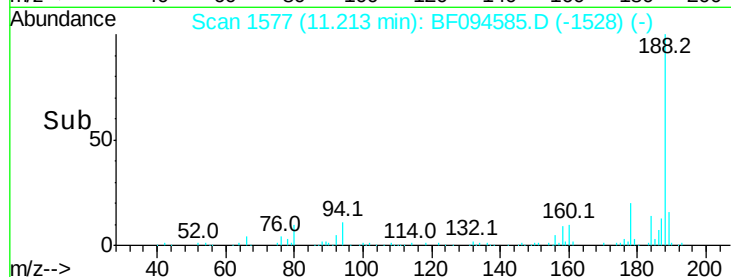
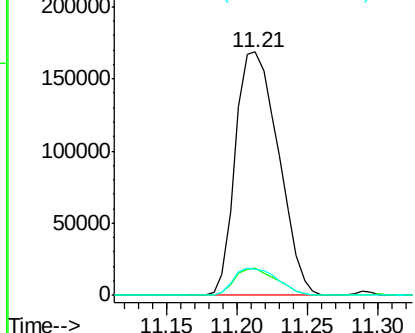
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094585.D
Acq: 24 Apr 2017 15:12

Instrument :
BNA_F
ClientSampleId :
PE-4

Tot Ion:188 Resp: 359261
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 10.4 10.2 15.2

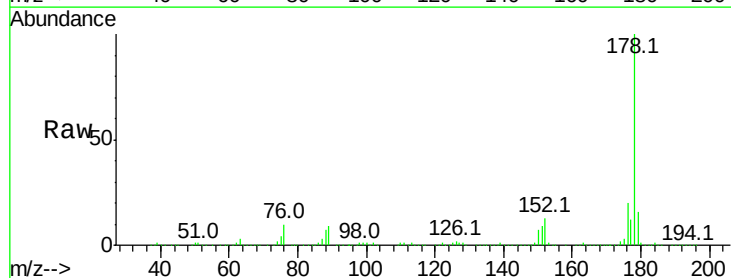


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

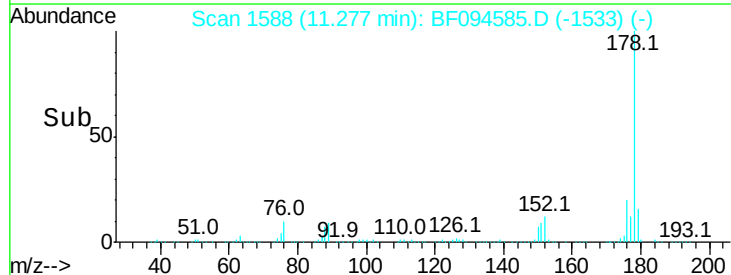
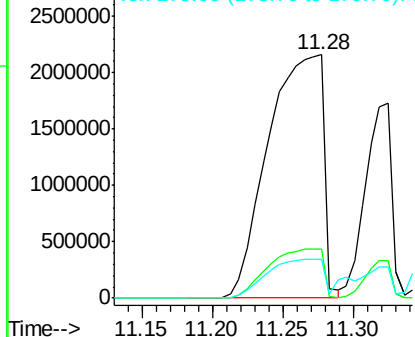


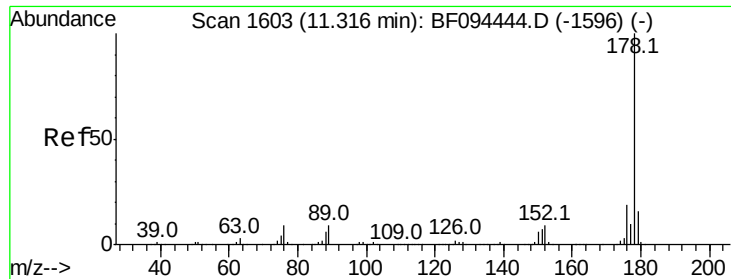
#70
Phenanthrene
Concen: 290.43 ng
RT: 11.28 min Scan# 1588
Delta R.T. 0.03 min
Lab File: BF094585.D
Acq: 24 Apr 2017 15:12

Tgt Ion:178 Resp: 5875625
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 15.8 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

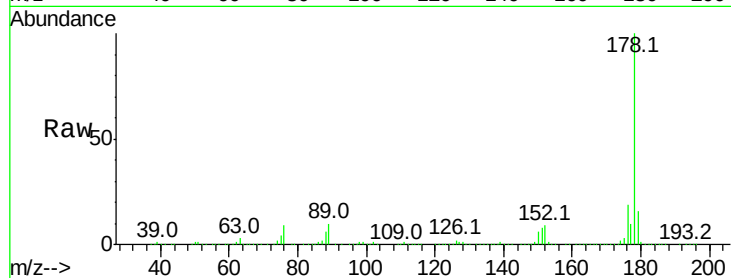




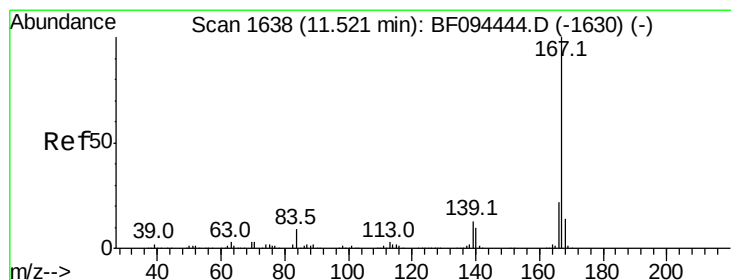
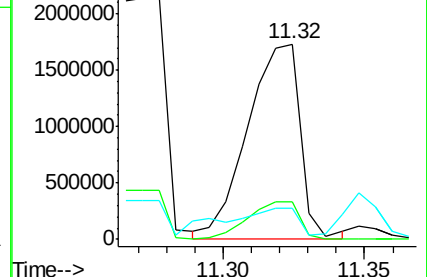
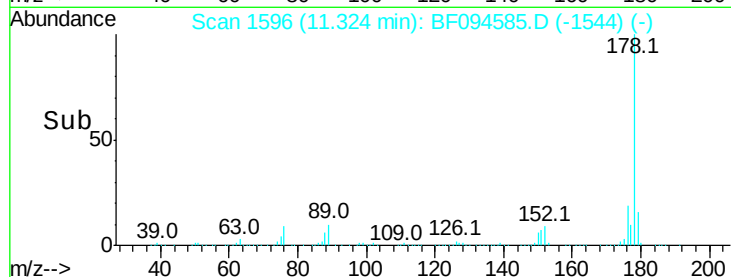
#71
 Anthracene
 Concen: 107.35 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF094585.D
 Acq: 24 Apr 2017 15:12

Instrument :
 BNA_F
 ClientSampled :
 PE-4

Tot Ion:178 Resp: 2246566
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.7 12.7 19.1

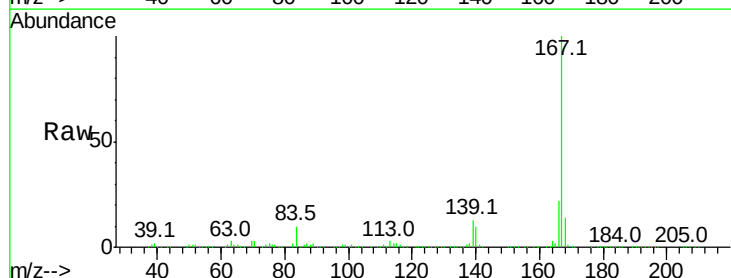


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

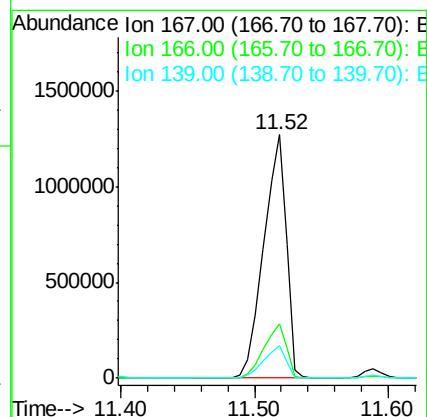
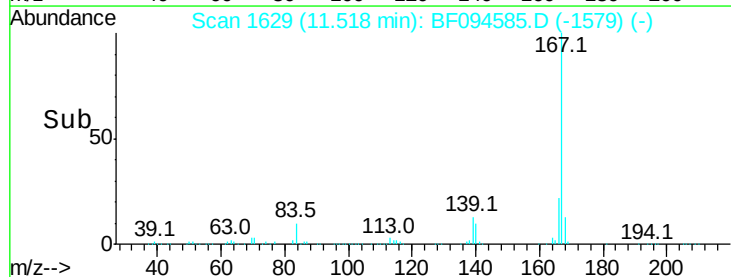


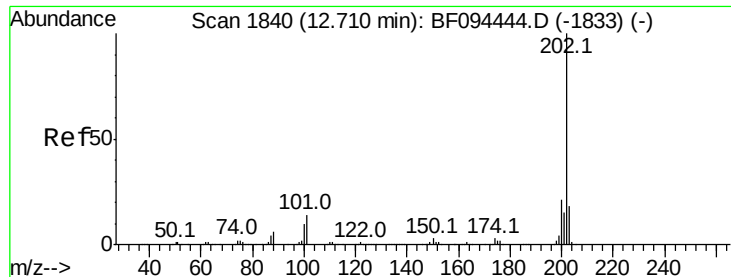
#72
 Carbazole
 Concen: 74.90 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094585.D
 Acq: 24 Apr 2017 15:12

Tgt Ion:167 Resp: 1471253
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.2 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: 303.83 ng

RT: 12.75 min Scan# 1838

Delta R.T. 0.04 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PE-4

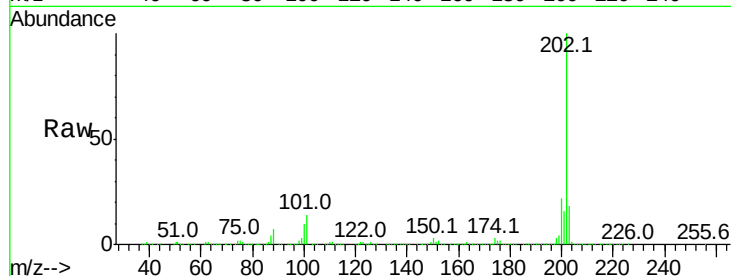
Tot Ion:202 Resp: 6370576

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

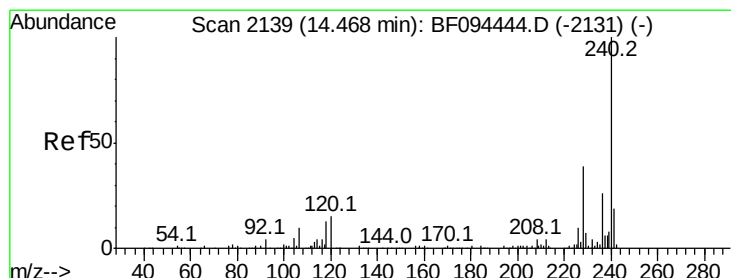
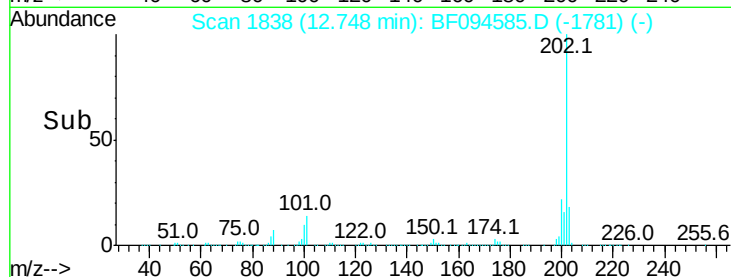
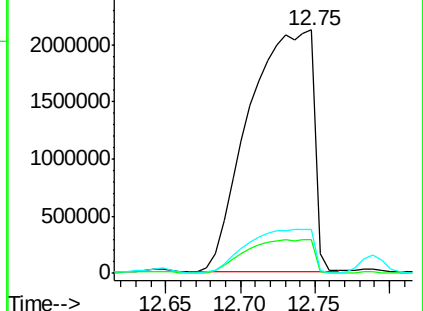
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.49 min Scan# 2134

Delta R.T. 0.02 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

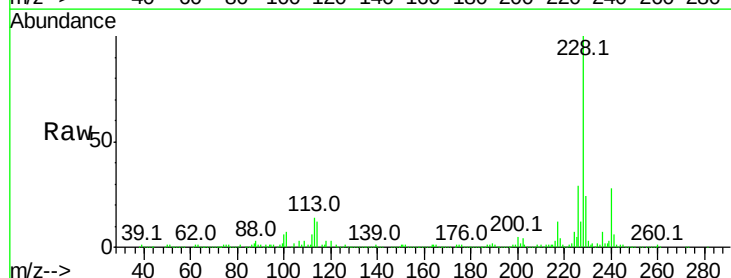
Tgt Ion:240 Resp: 190057

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

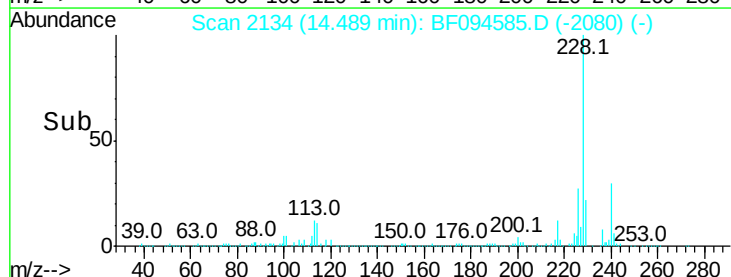
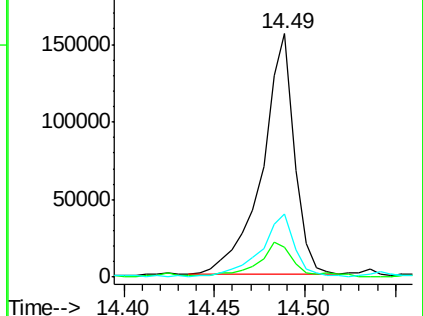
236 26.1 20.5 30.7

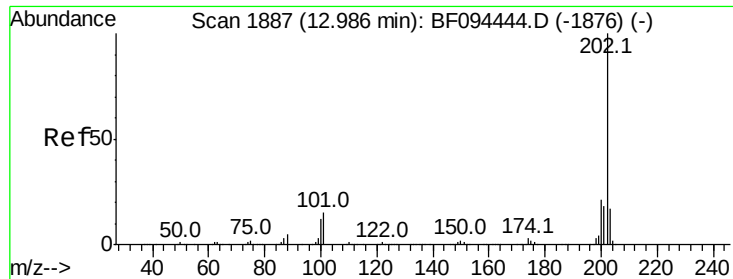


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

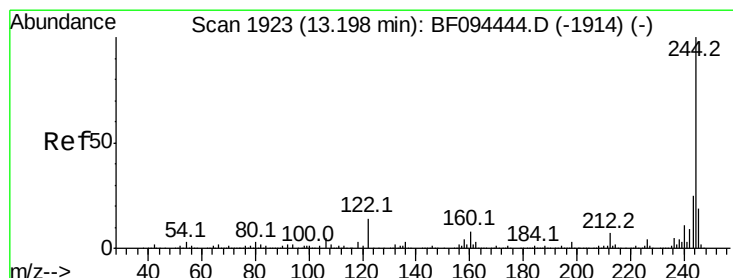
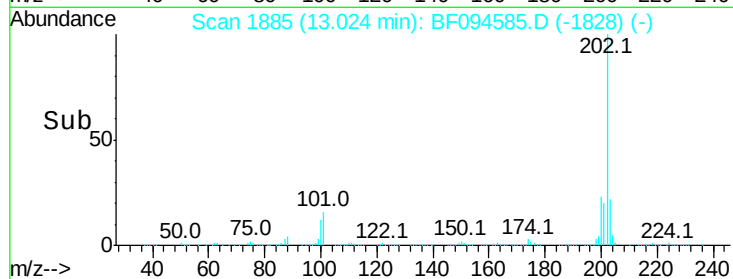
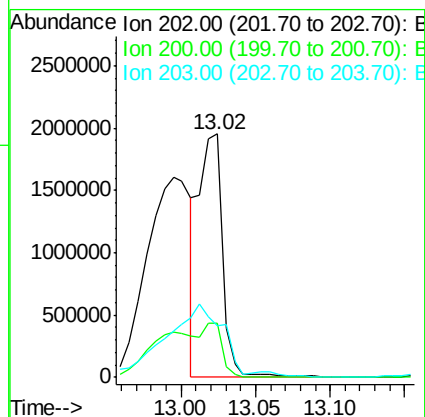
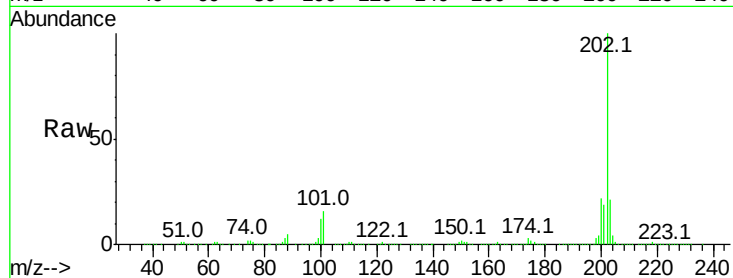




#77
Pvrene
Concen: 157.17 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.04 min
Lab File: BF094585.D
Acq: 24 Apr 2017 15:12

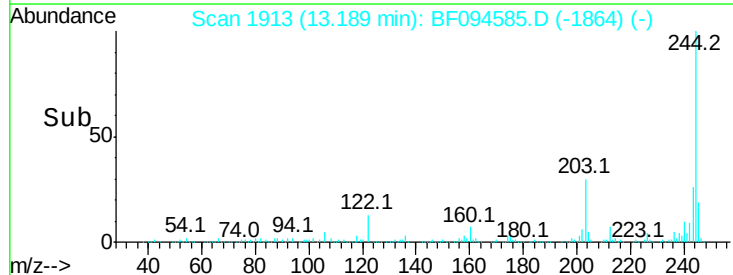
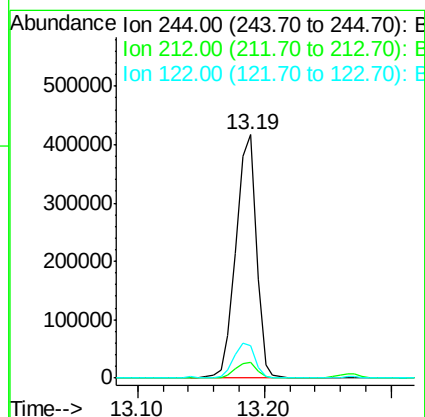
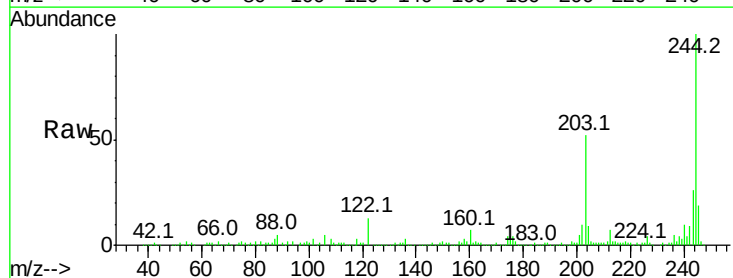
Instrument :
BNA_F
ClientSampled :
PE-4

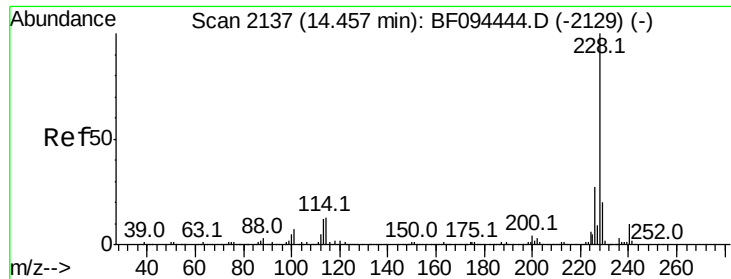
Tot Ion:202 Resp: 2086939
Ion Ratio Lower Upper
202 100
200 22.5 17.6 26.4
203 21.4 14.4 21.6



#78
Terphenyl-d14
Concen: 64.67 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094585.D
Acq: 24 Apr 2017 15:12

Tgt Ion:244 Resp: 459802
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 13.4 10.3 15.5





#80

Benzo(a)anthracene

Concen: 314.44 ng

RT: 14.48 min Scan# 2132

Delta R.T. 0.02 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

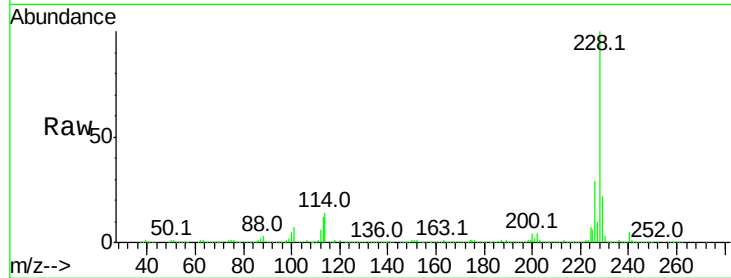
BNA_F

ClientSampleId :

PE-4

Tot Ion:228 Resp: 3473512

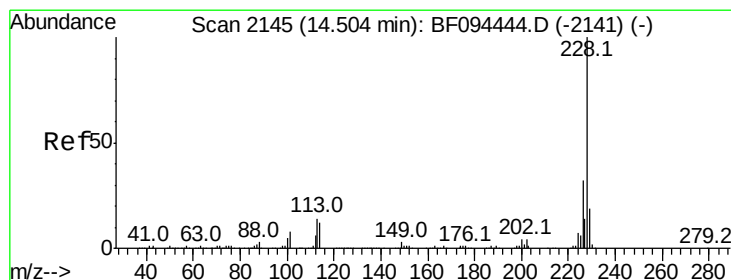
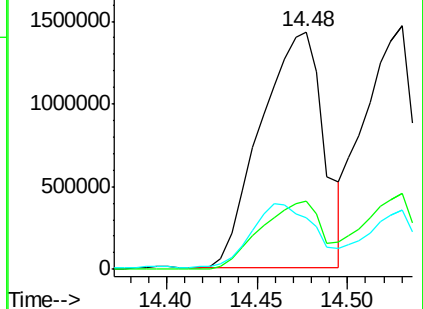
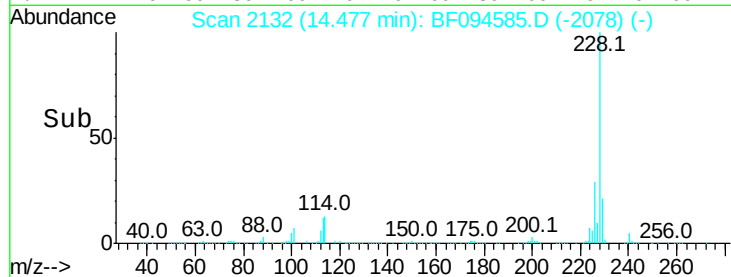
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.8	16.3	24.5



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: 344.06 ng

RT: 14.48 min Scan# 2132

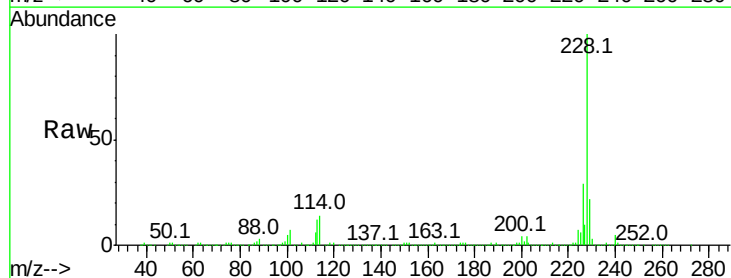
Delta R.T. -0.03 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Tgt Ion:228 Resp: 3473512

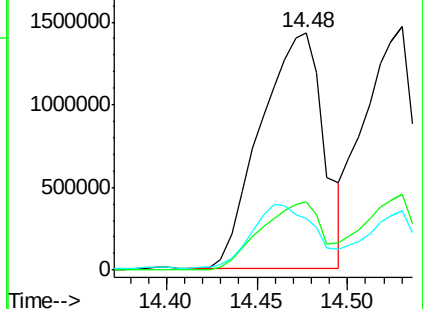
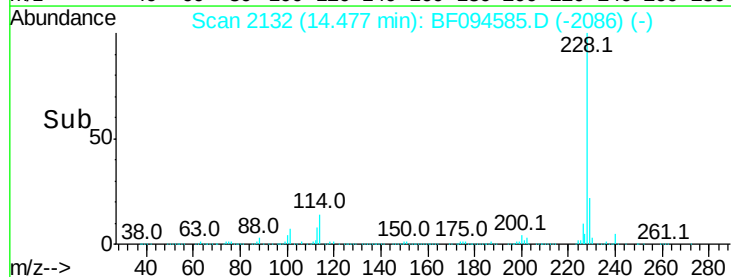
Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	21.8	15.8	23.6

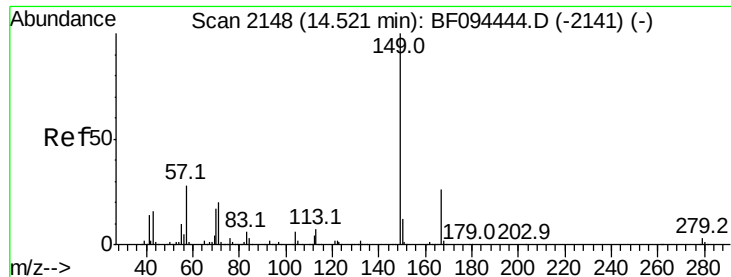


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.24 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PE-4

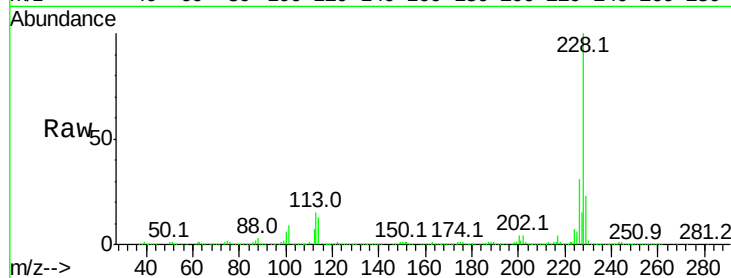
Tot Ion:149 Resp: 17499

Ion Ratio Lower Upper

149 100

167 14.4 21.0 31.4#

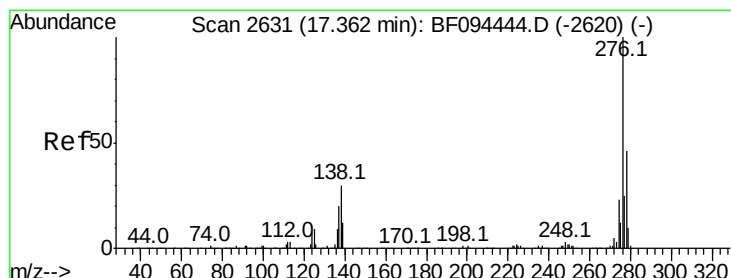
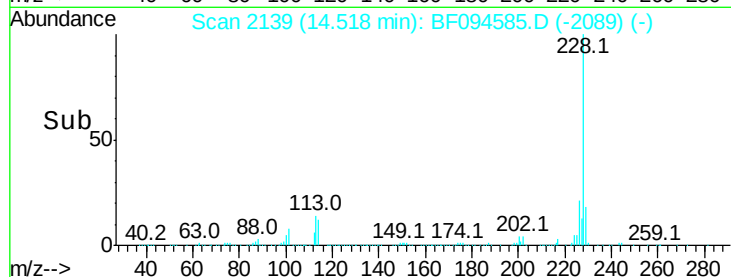
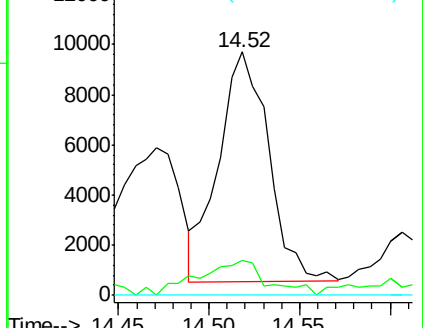
279 0.0 1.9 2.9#



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: 29.34 ng

RT: 17.24 min Scan# 2602

Delta R.T. -0.12 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

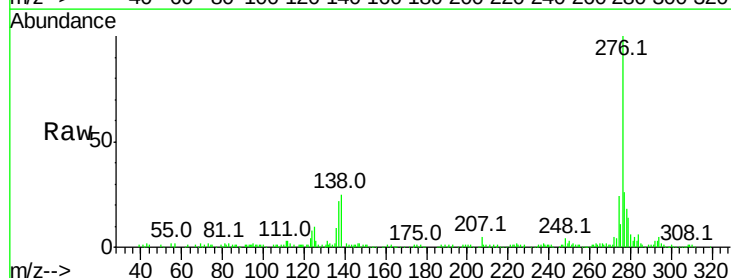
Tgt Ion:276 Resp: 281794

Ion Ratio Lower Upper

276 100

138 31.2 27.8 41.6

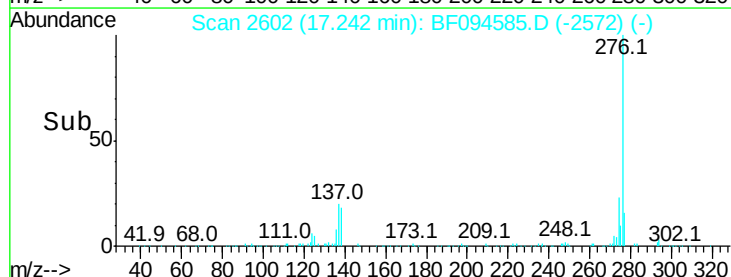
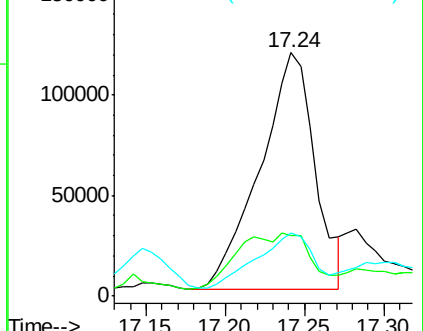
277 23.6 20.2 30.4

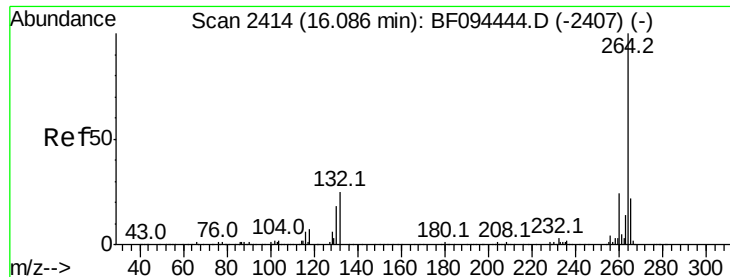


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

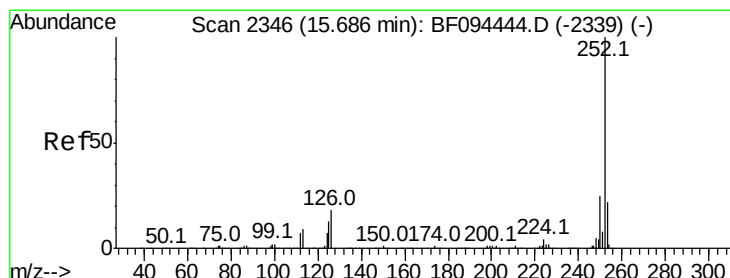
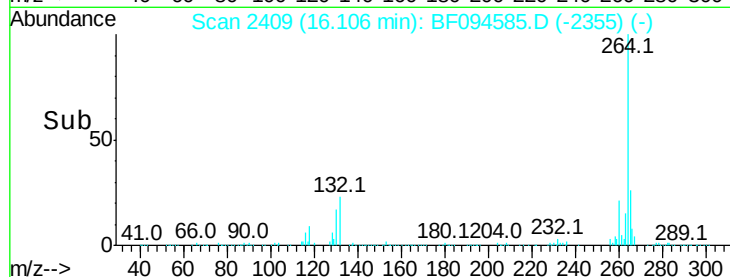
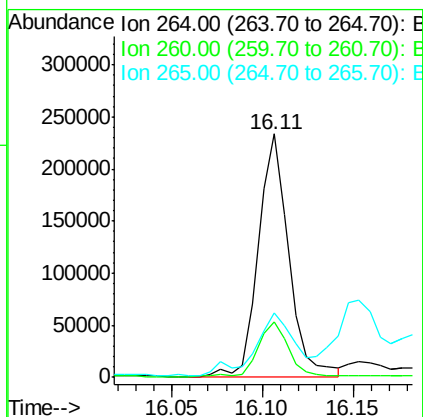
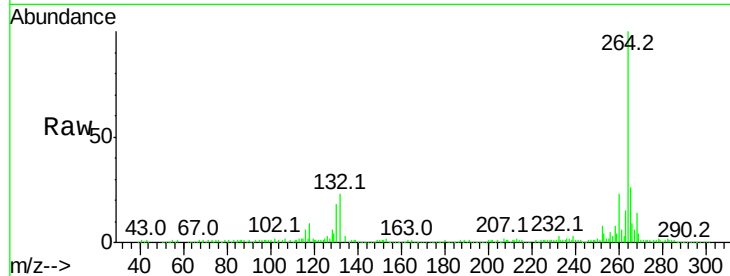




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 2409
Delta R.T. 0.02 min
Lab File: BF094585.D
Acq: 24 Apr 2017 15:12

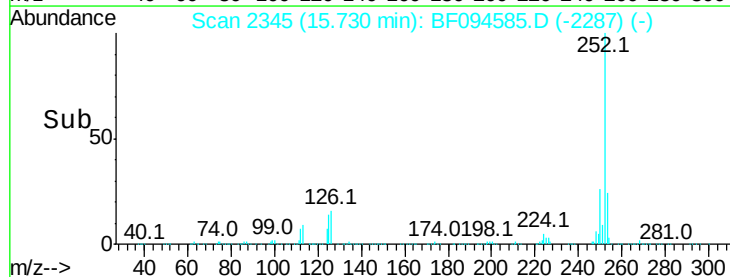
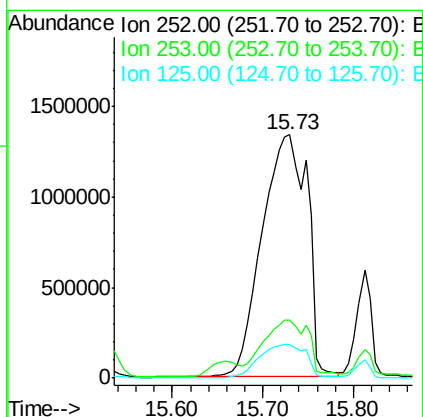
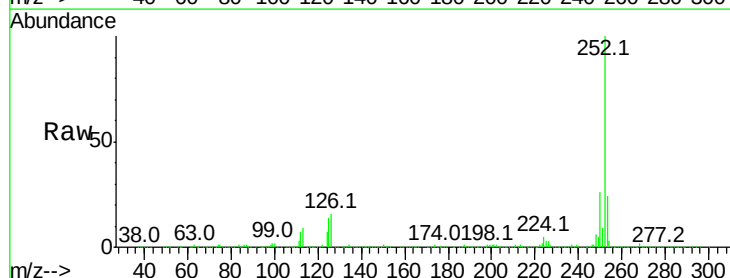
Instrument :
BNA_F
ClientSampleId :
PE-4

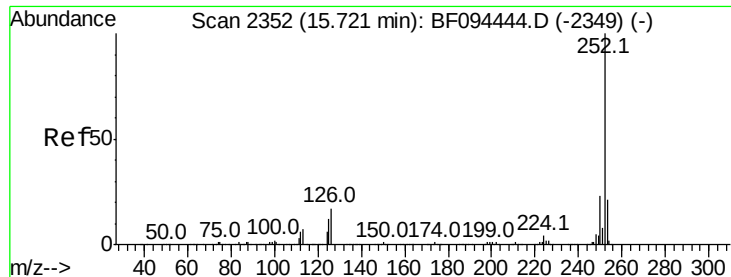
Tot Ion:264 Resp: 269526
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 26.4 17.2 25.8#



#87
Benzo(b)fluoranthene
Concen: 281.43 ng
RT: 15.73 min Scan# 2345
Delta R.T. 0.04 min
Lab File: BF094585.D
Acq: 24 Apr 2017 15:12

Tgt Ion:252 Resp: 4640171
Ion Ratio Lower Upper
252 100
253 24.1 18.1 27.1
125 13.9 9.8 14.8





#88

Benzo(k)fluoranthene

Concen: 297.39 ng

RT: 15.73 min Scan# 2345

Delta R.T. 0.01 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PE-4

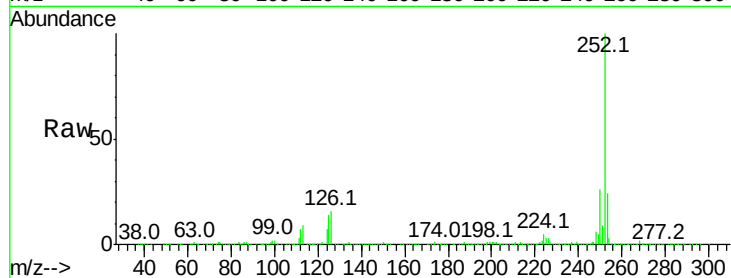
Tot Ion:252 Resp: 4640171

Ion Ratio Lower Upper

252 100

253 24.1 18.4 27.6

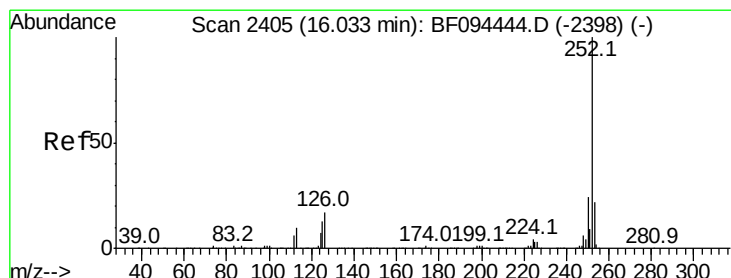
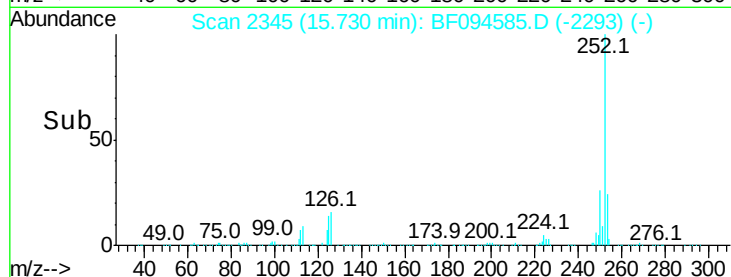
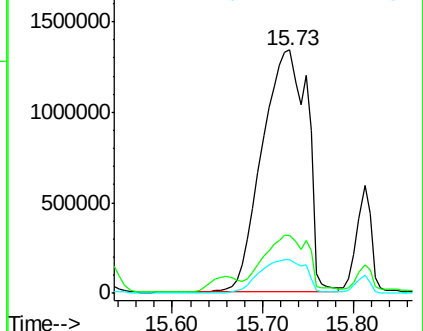
125 13.9 13.1 19.7



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: 162.51 ng

RT: 16.07 min Scan# 2403

Delta R.T. 0.04 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

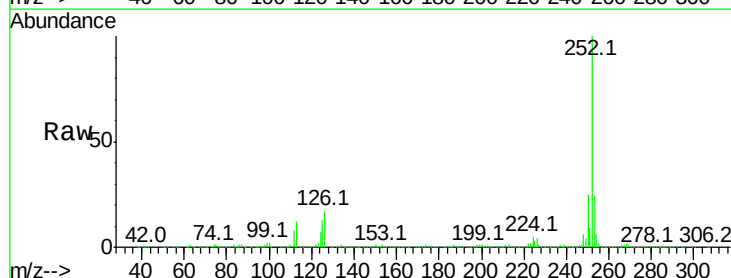
Tgt Ion:252 Resp: 2492692

Ion Ratio Lower Upper

252 100

253 24.4 17.5 26.3

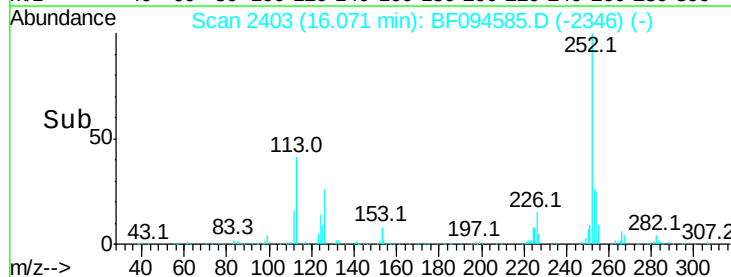
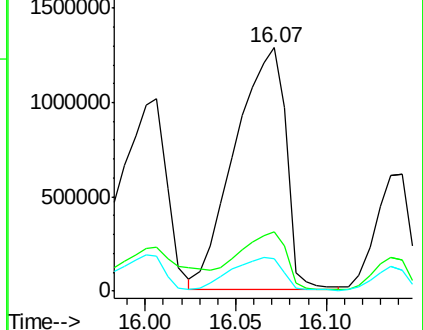
125 13.4 11.0 16.4

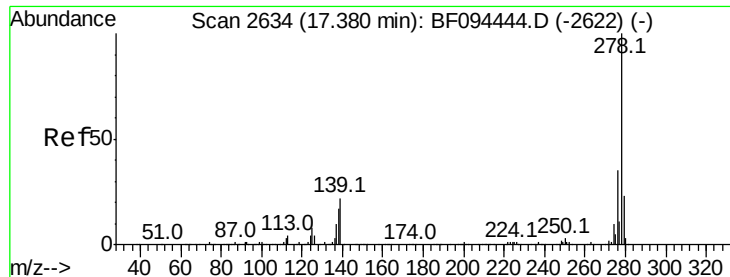


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 29.34 ng

RT: 17.41 min Scan# 2630

Delta R.T. 0.03 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PE-4

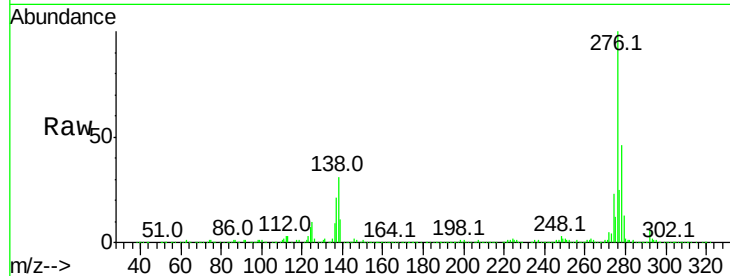
Tot Ion:278 Resp: 373663

Ion Ratio Lower Upper

278 100

139 23.5 16.6 24.8

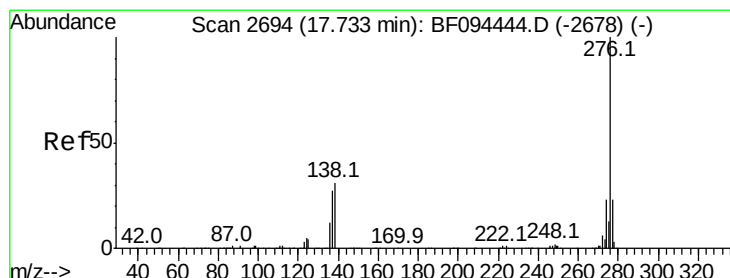
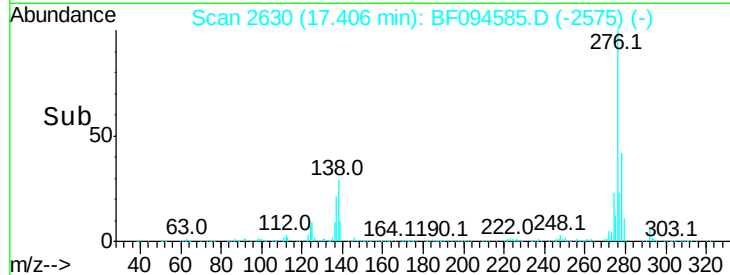
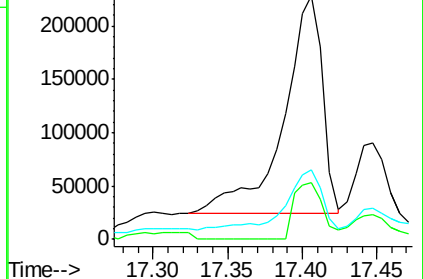
279 28.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 97.43 ng

RT: 17.78 min Scan# 2694

Delta R.T. 0.05 min

Lab File: BF094585.D

Acq: 24 Apr 2017 15:12

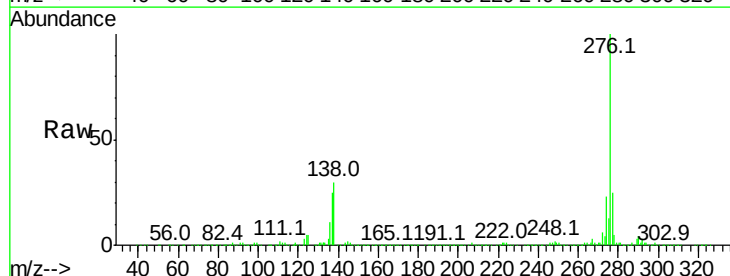
Tgt Ion:276 Resp: 1263412

Ion Ratio Lower Upper

276 100

277 25.4 18.6 28.0

138 30.1 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

