

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094507.D
 Acq On : 19 Apr 2017 00:51
 Operator : SJ/MA
 Sample : I2708-17 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 03:03:47 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	5.77	152	116528	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	426145	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	151624	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	252728	20.00	ng	0.00
75) Chrysene-d12	14.48	240	256996	20.00	ng	0.00
86) Perylene-d12	16.10	264	196300	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	344025	48.98	ng	0.01
7) Phenol-d6	5.40	99	412635	49.83	ng	0.00
23) Nitrobenzene-d5	6.41	82	238509	34.56	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	56366	47.53	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	388164	37.67	ng	0.00
78) Terphenyl-d14	13.20	244	298349	31.03	ng	0.00

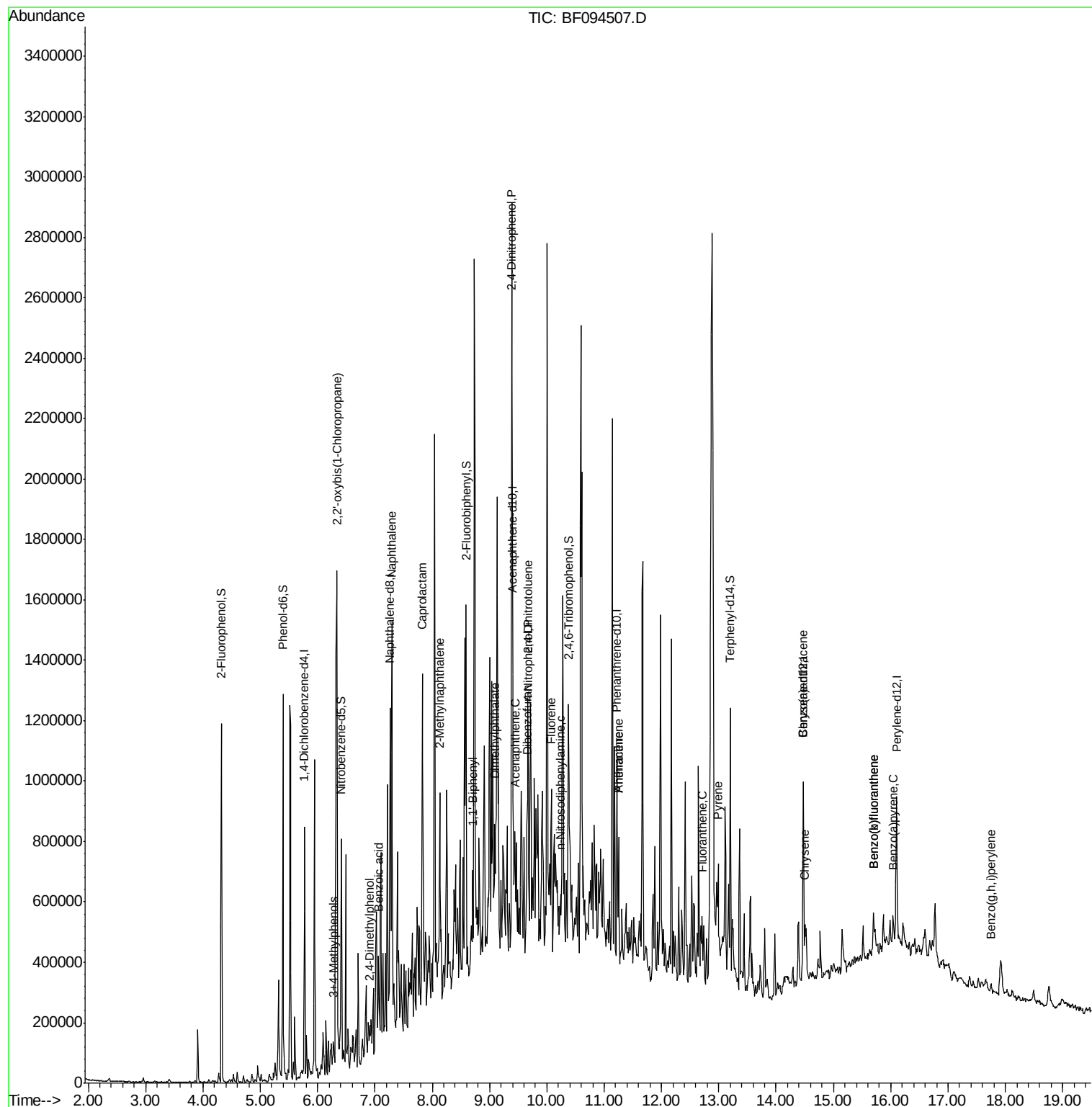
Target Compounds						Qvalue
16) 2,2'-oxybis(1-Chloropropan	6.34	45	105627	10.84	ng	# 1
20) 3+4-Methylphenols	6.28	107	31729	3.71	ng	# 62
27) 2,4-Dimethylphenol	6.91	122	31988	5.04	ng	# 93
31) Naphthalene	7.30	128	58741	2.87	ng	# 87
32) Benzoic acid	7.06	122	51858	15.46	ng	# 22
35) Caprolactam	7.83	113	21831	11.78	ng	# 38
37) 2-Methylnaphthalene	8.14	142	164505	11.74	ng	# 98
45) 1,1'-Biphenyl	8.71	154	31114	2.51	ng	# 98
49) Dimethylphthalate	9.09	163	147316	13.04	ng	# 99
51) Acenaphthene	9.44	154	18720	2.04	ng	# 92
53) 2,4-Dinitrophenol	9.38	184	590	6.16	ng	# 1
54) Dibenzofuran	9.65	168	38201	2.86	ng	# 83
55) 4-Nitrophenol	9.66	139	24678	11.90	ng	# 71
56) 2,4-Dinitrotoluene	9.67	165	12682	4.08	ng	# 53
57) Fluorene	10.08	166	34204	3.29	ng	# 85
65) n-Nitrosodiphenylamine	10.24	169	50609	5.76	ng	# 49
70) Phenanthrene	11.25	178	159724	11.22	ng	# 97
71) Anthracene	11.25	178	159724	10.85	ng	# 98
74) Fluoranthene	12.71	202	114193	7.74	ng	# 99
77) Pvrene	12.99	202	117677	6.55	ng	# 97
80) Benzo(a)anthracene	14.47	228	50885	3.41	ng	# 92
82) Chrysene	14.51	228	58552	4.29	ng	# 93
87) Benzo(b)fluoranthene	15.70	252	90615	7.55	ng	# 94
88) Benzo(k)fluoranthene	15.70	252	90615	7.97	ng	# 99
89) Benzo(a)pyrene	16.04	252	39879	3.57	ng	# 91
91) Benzo(g,h,i)perylene	17.75	276	21151	2.24	ng	# 87

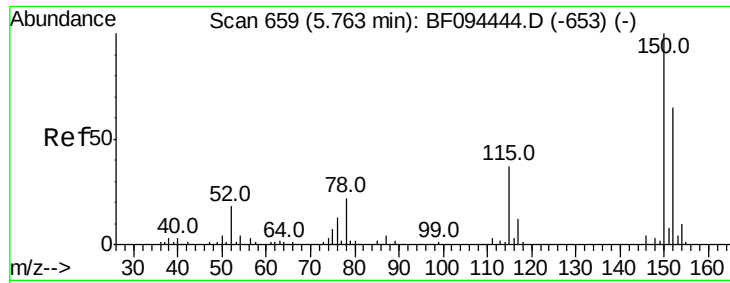
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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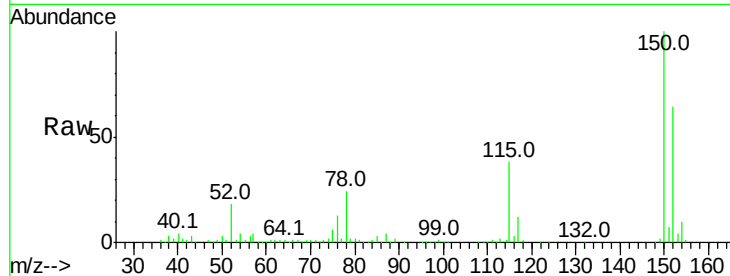


#1

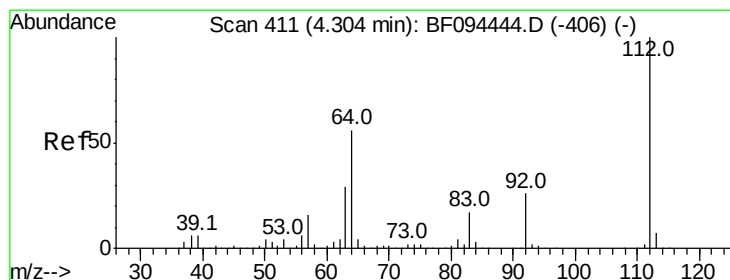
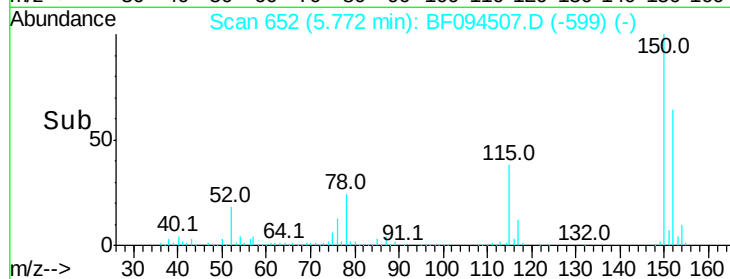
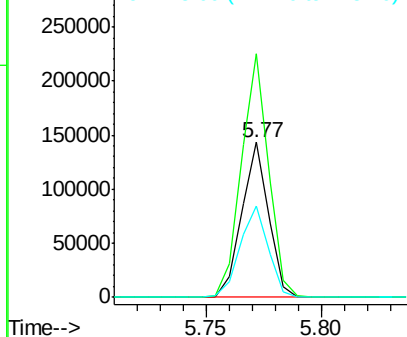
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094507.D
Acq: 19 Apr 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116528
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 59.2 52.2 78.2



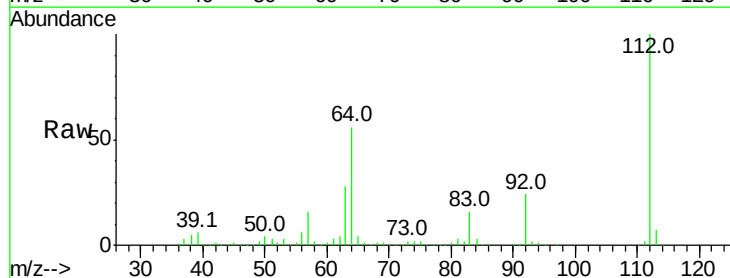
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



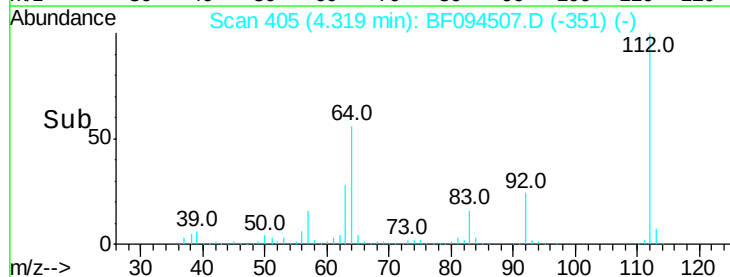
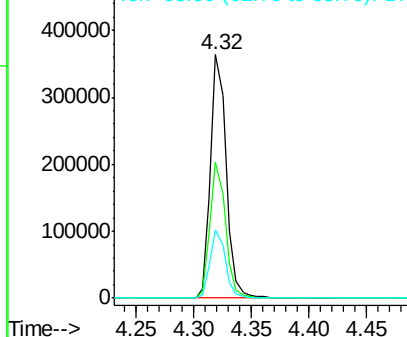
#5

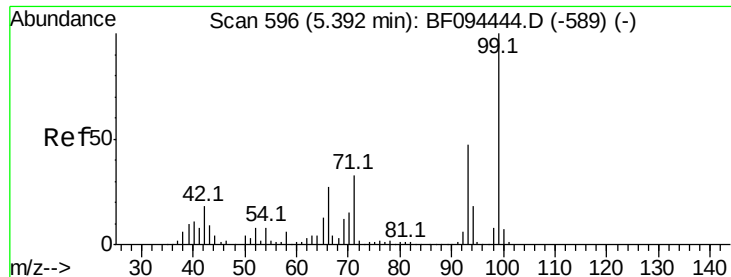
2-Fluorophenol
Concen: 48.98 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF094507.D
Acq: 19 Apr 2017 00:51

Tgt Ion:112 Resp: 344025
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 27.9 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: 49.83 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

Instrument :
BNA_F
ClientSampleId :

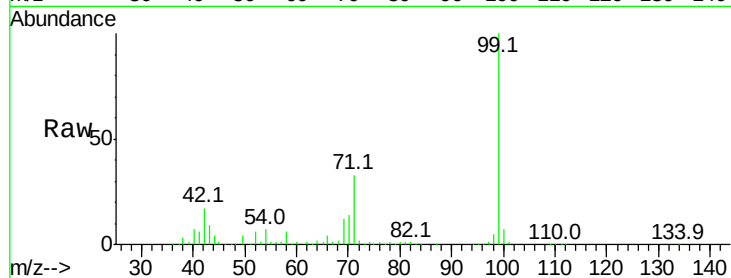
Tot Ion: 99 Resp: 412635

Ion Ratio Lower Upper

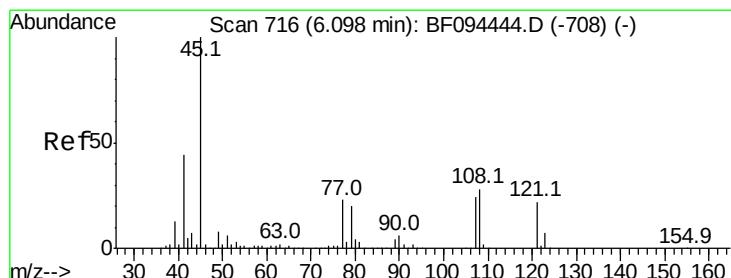
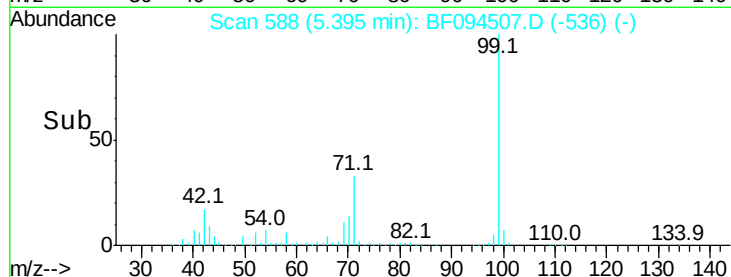
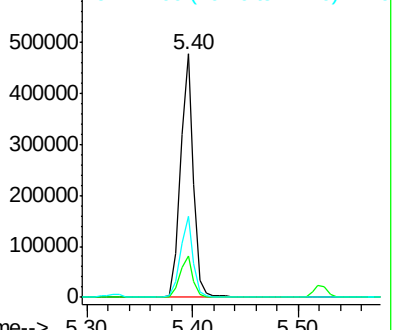
99 100

42 17.0 13.5 20.3

71 33.1 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.84 ng

RT: 6.34 min Scan# 748

Delta R.T. 0.24 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

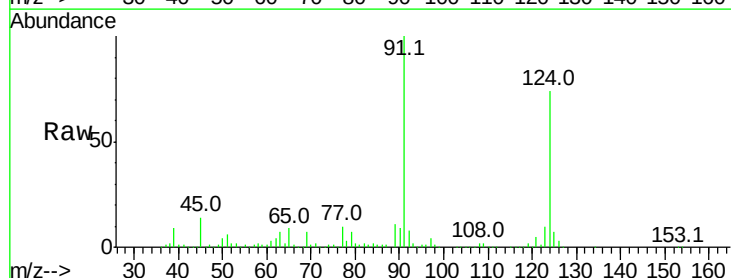
Tgt Ion: 45 Resp: 105627

Ion Ratio Lower Upper

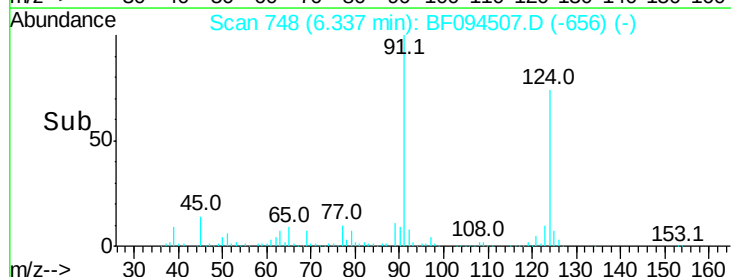
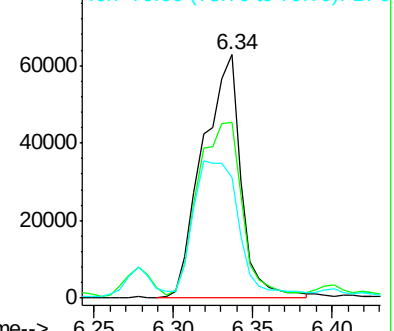
45 100

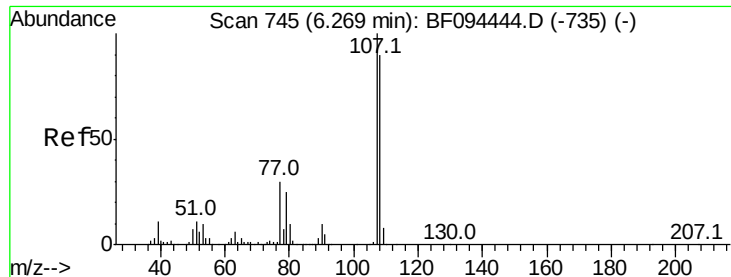
77 72.0 0.0 33.2#

79 49.5 0.0 30.0#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#20

3+4-Methylphenols

Concen: 3.71 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 31729

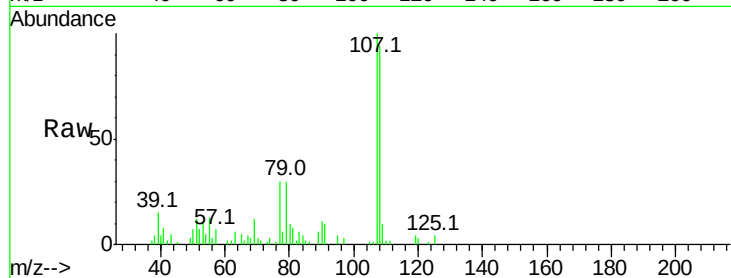
Ion Ratio Lower Upper

107 100

108 94.1 71.0 111.0

77 30.2 90.5 130.5#

79 30.4 8.4 48.4

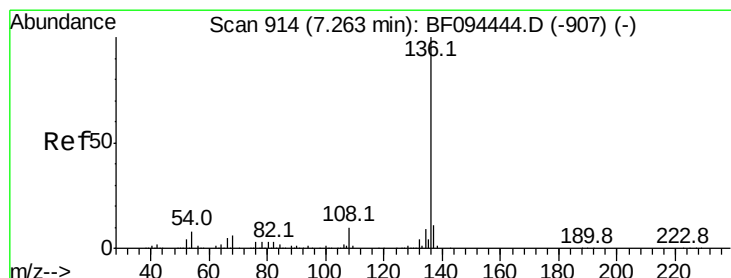
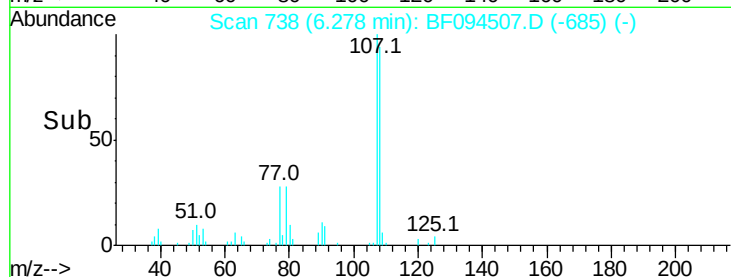
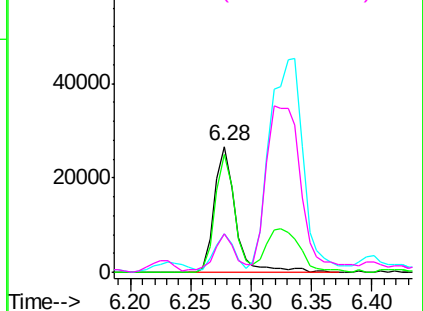


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

Tgt Ion:136 Resp: 426145

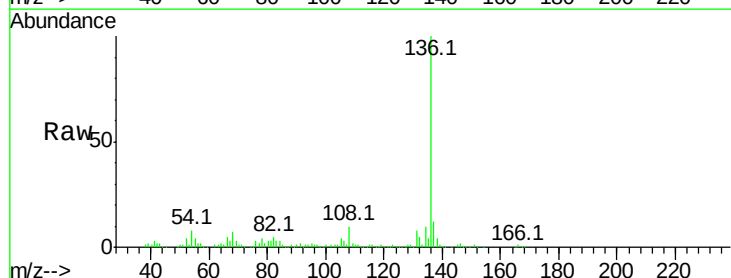
Ion Ratio Lower Upper

136 100

137 11.8 8.5 12.7

54 7.8 4.9 7.3#

68 6.8 4.1 6.1#

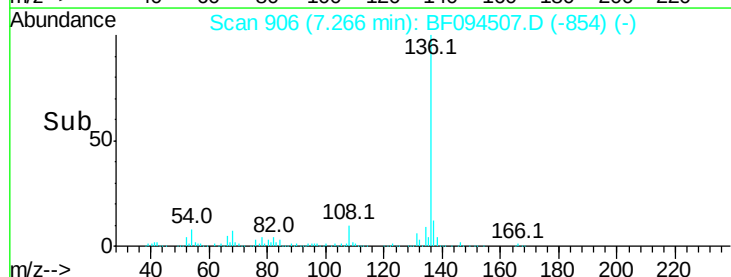
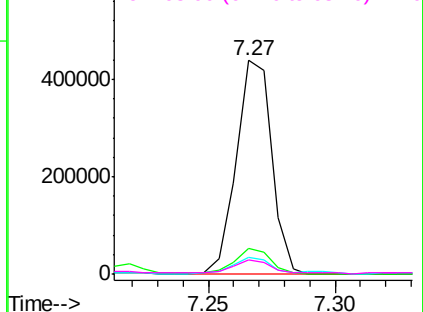


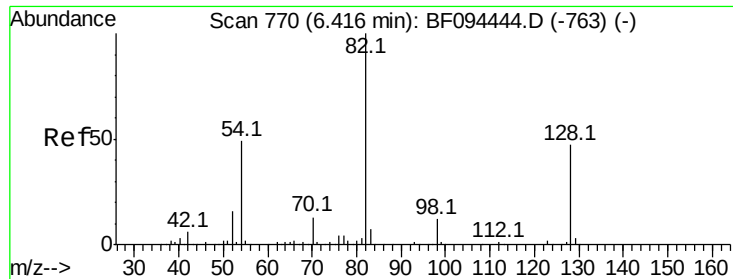
Abundance Ion 136.00 (135.70 to 136.70): E

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

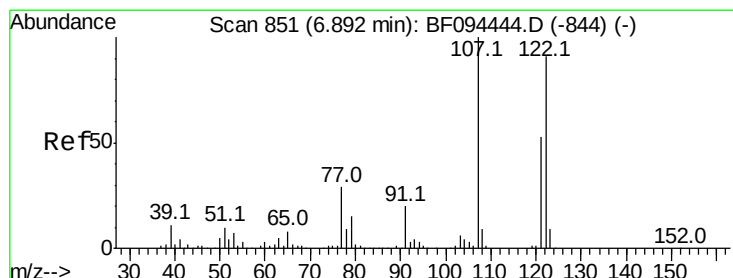
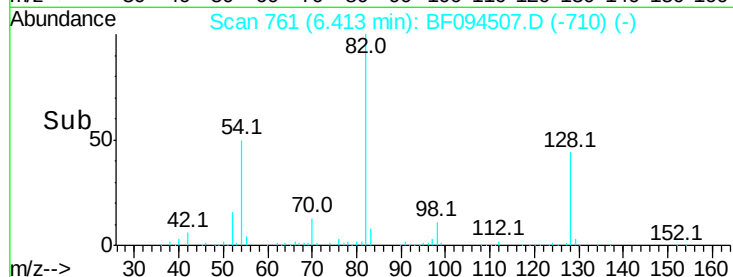
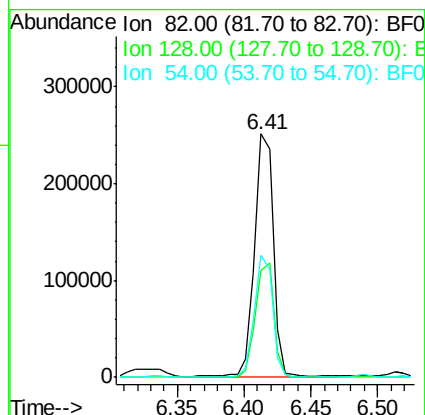
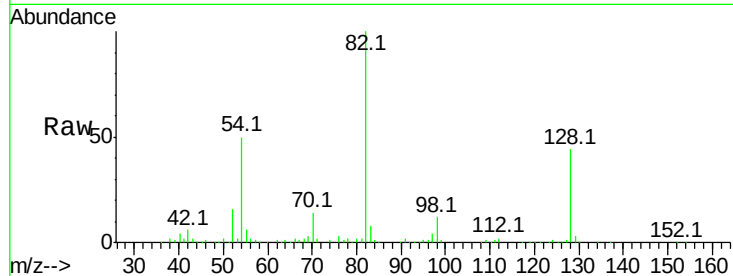




#23
 Nitrobenzene-d5
 Concen: 34.56 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

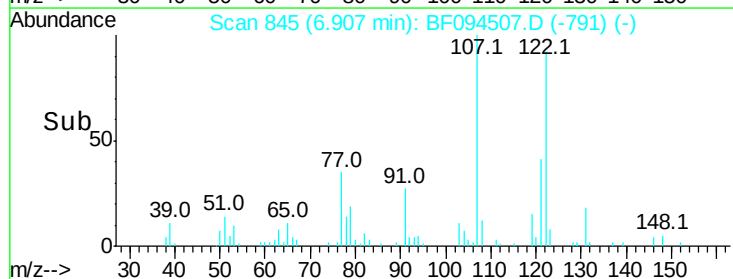
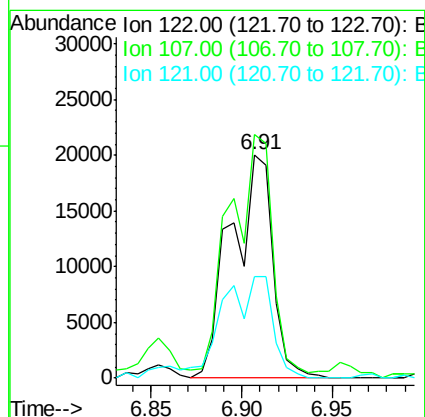
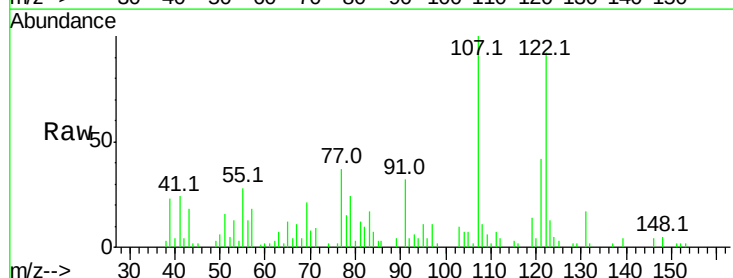
Instrument :
 BNA_F
 ClientSampleId :

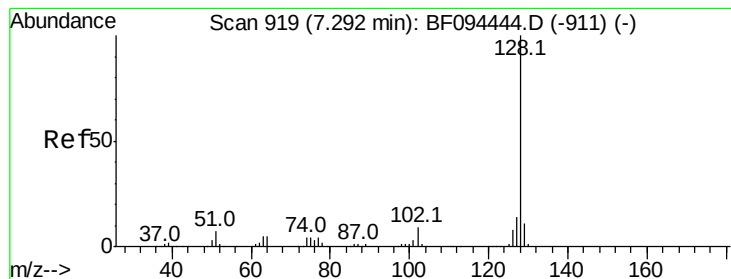
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	50.1	42.2	63.2



#27
 2,4-Dimethylphenol
 Concen: 5.04 ng
 RT: 6.91 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.8	89.2	133.8
121	45.5	45.2	67.8





#31

Naphthalene

Concen: 2.87 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

Instrument :

BNA_F

ClientSampleId :

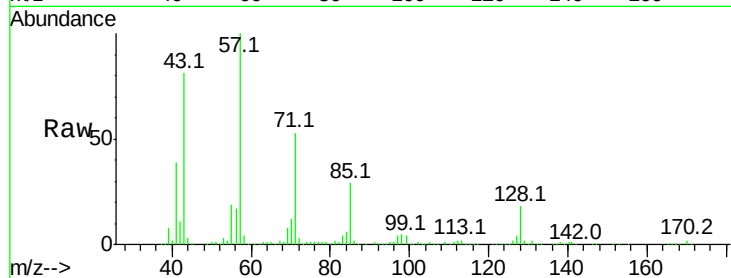
Tot Ion:128 Resp: 58741

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

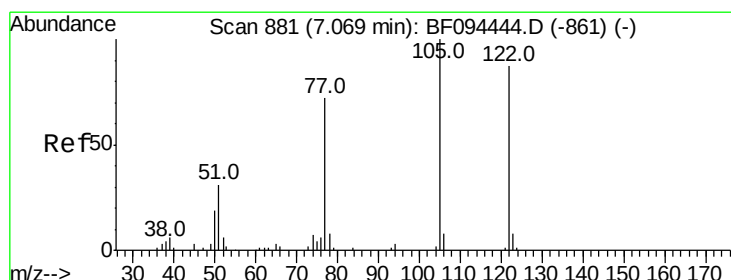
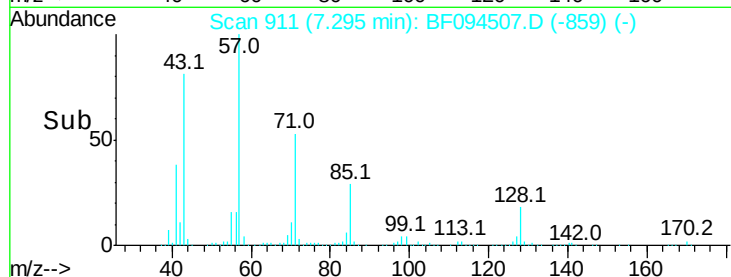
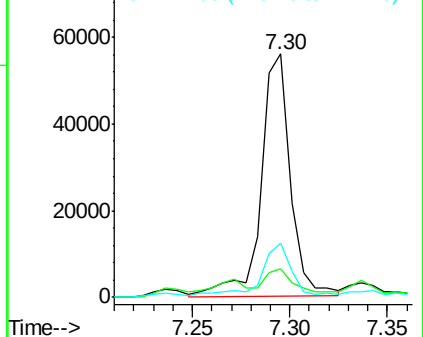
127 22.5 10.8 16.2#



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: 15.46 ng

RT: 7.06 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

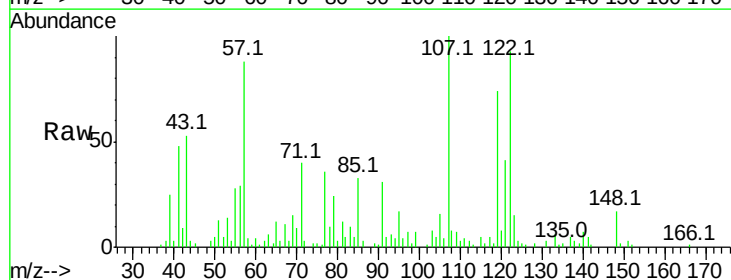
Tgt Ion:122 Resp: 51858

Ion Ratio Lower Upper

122 100

105 17.1 103.3 143.3#

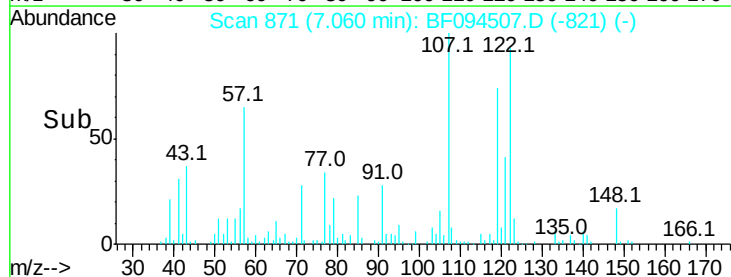
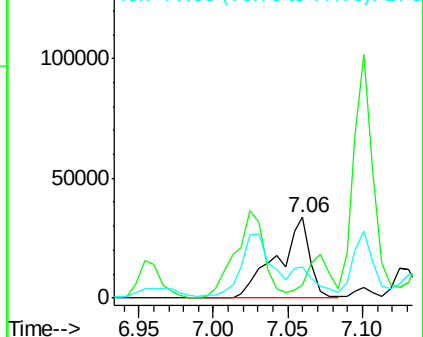
77 38.4 73.7 113.7#

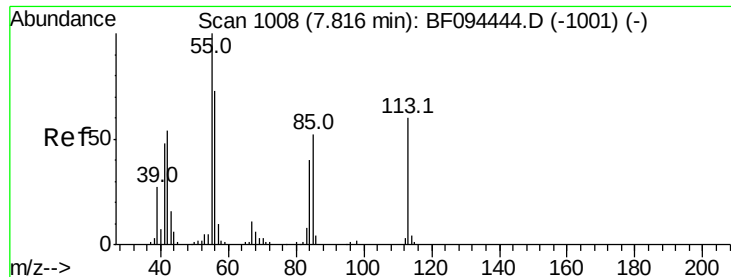


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

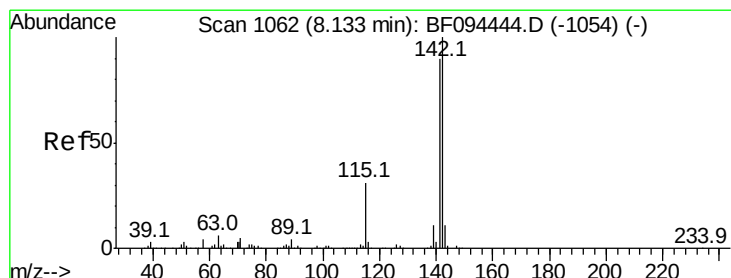
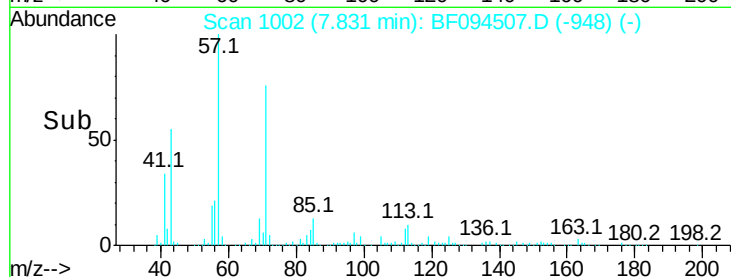
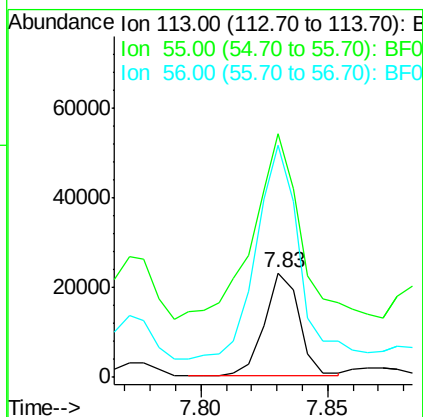
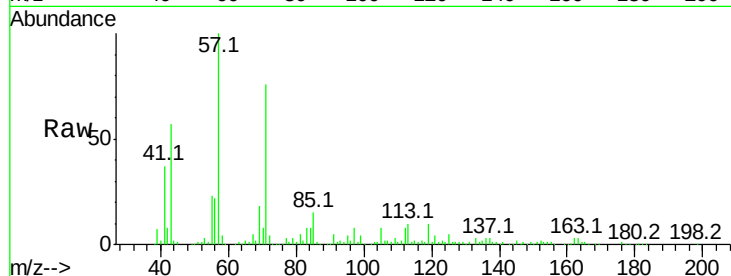




#35
 Caprolactam
 Concen: 11.78 ng
 RT: 7.83 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

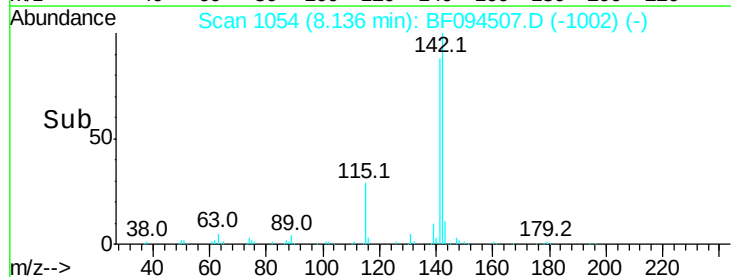
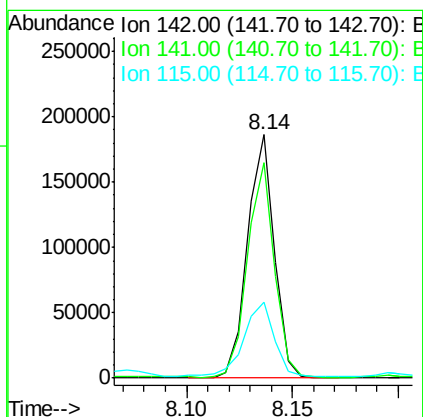
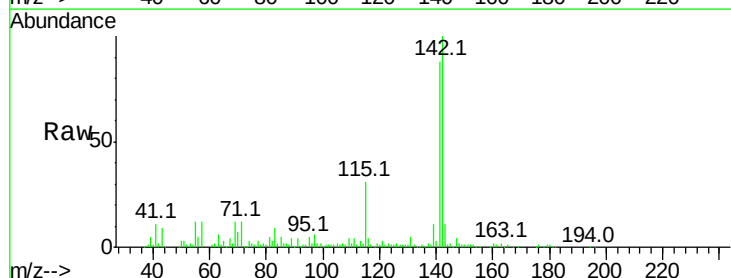
Instrument :
 BNA_F
 ClientSampleId :

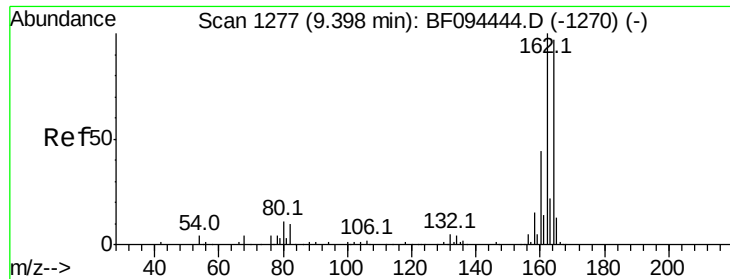
Tot Ion:113 Resp: 21831
 Ion Ratio Lower Upper
 113 100
 55 233.6 150.2 190.2#
 56 222.5 107.8 147.8#



#37
 2-Methylnaphthalene
 Concen: 11.74 ng
 RT: 8.14 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

Tgt Ion:142 Resp: 164505
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.3 106.9
 115 31.3 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.41 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

Instrument :

BNA_F

ClientSampled :

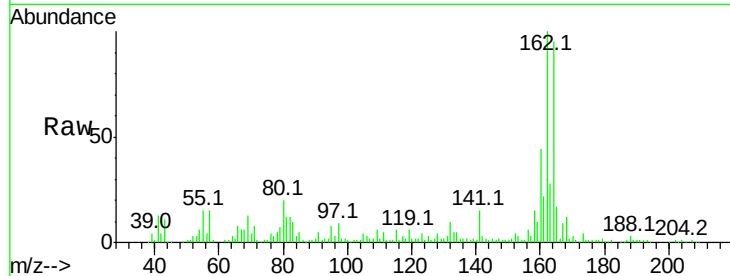
Tot Ion:164 Resp: 151624

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

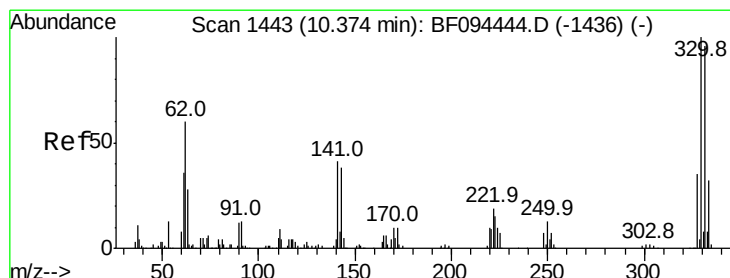
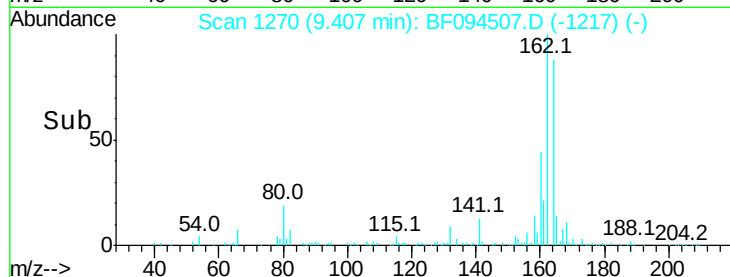
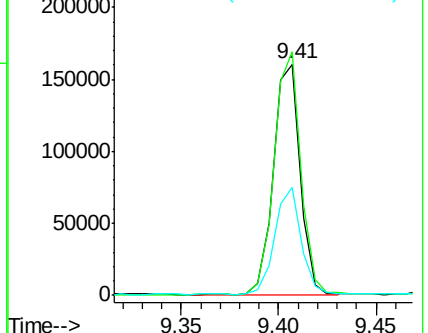
160 46.6 36.2 54.2



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: 47.53 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

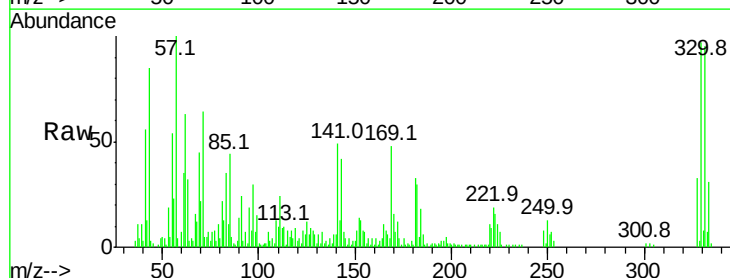
Tgt Ion:330 Resp: 56366

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

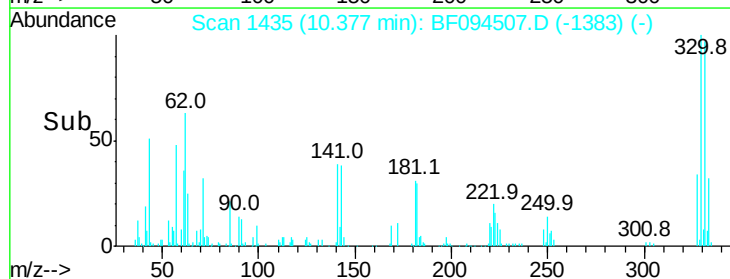
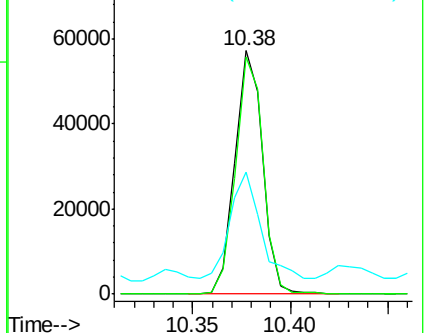
141 47.5 31.4 47.2#

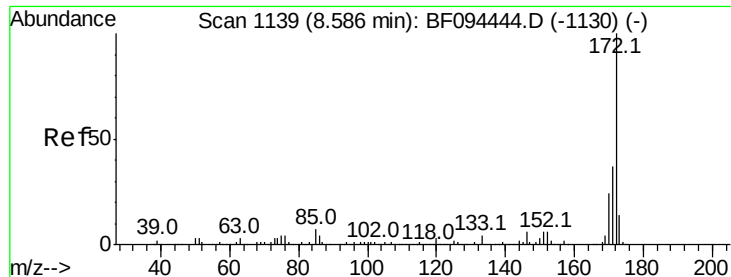


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 37.67 ng

RT: 8.59 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

Instrument :

BNA_F

ClientSampleId :

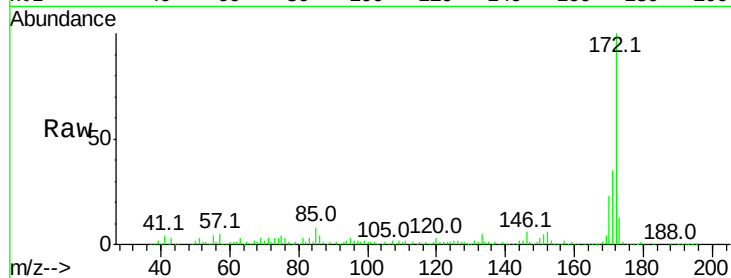
Tot Ion:172 Resp: 388164

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

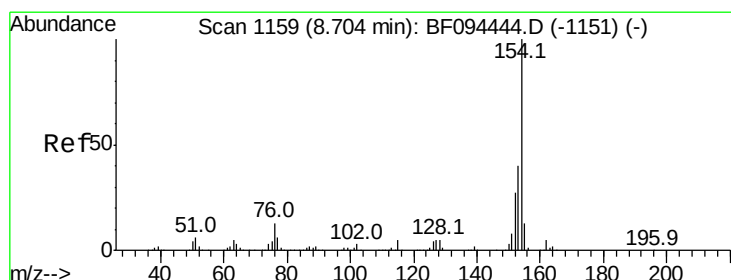
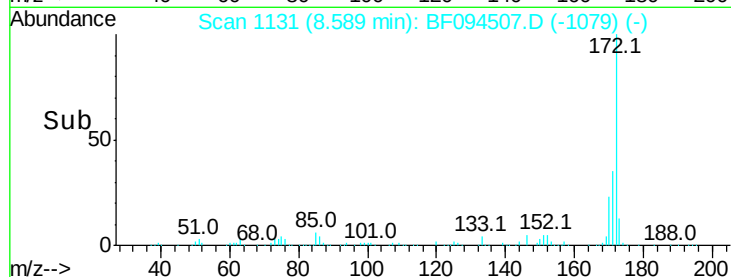
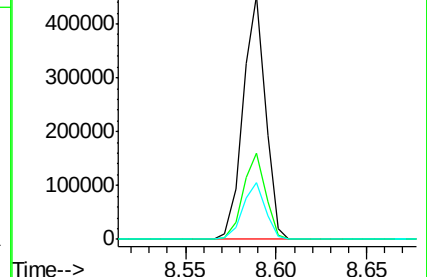
170 23.2 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 2.51 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

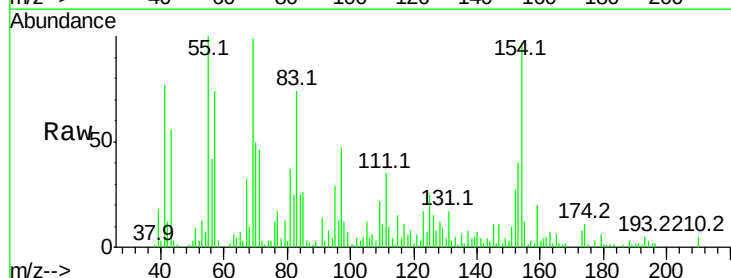
Tgt Ion:154 Resp: 31114

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

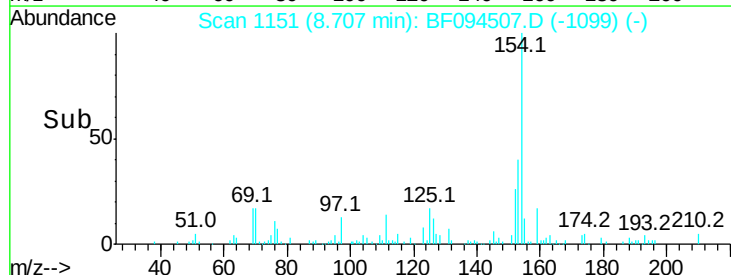
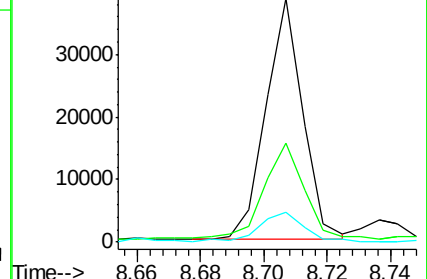
76 12.1 0.0 29.9

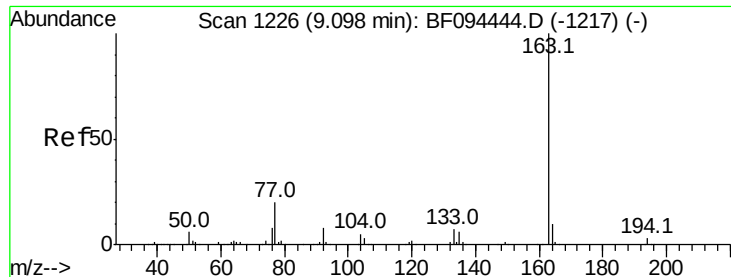


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

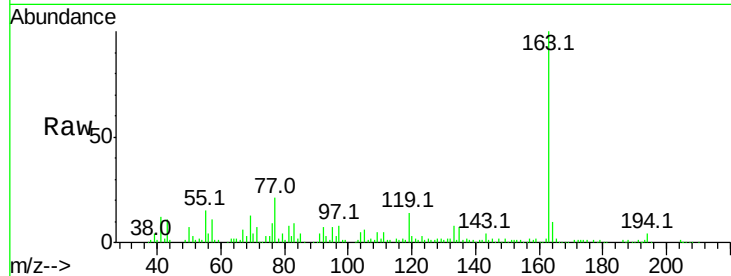




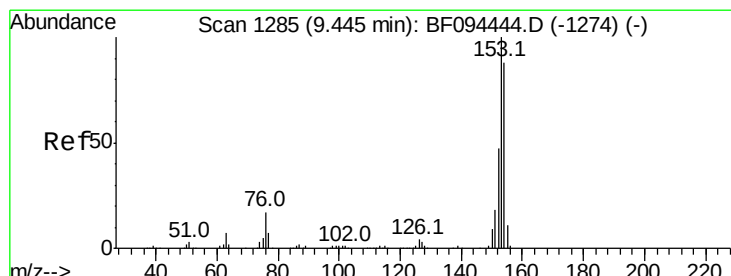
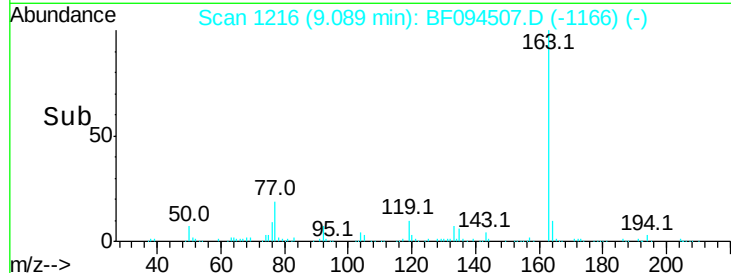
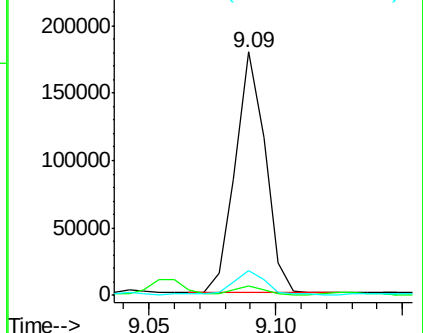
#49
Dimethylphthalate
Concen: 13.04 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094507.D
Acq: 19 Apr 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 147316
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 10.4 8.4 12.6

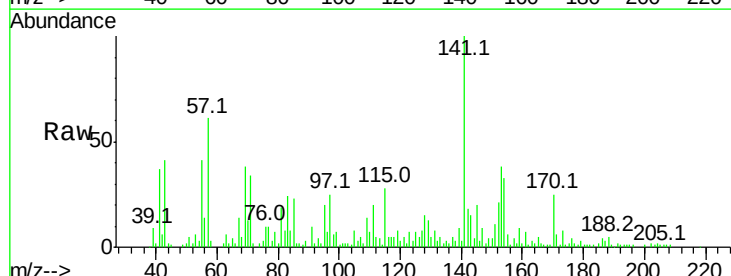


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

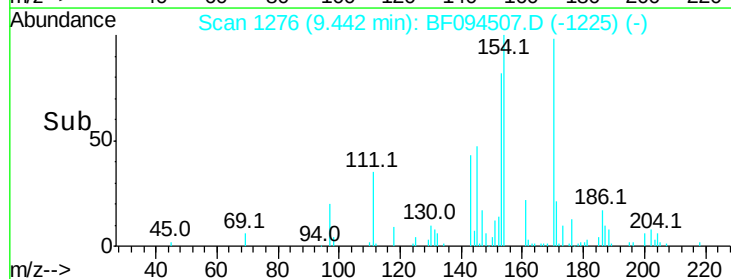
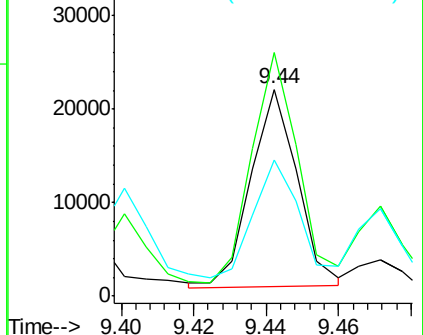


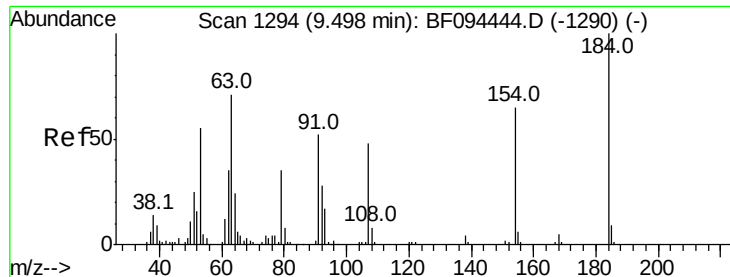
#51
Acenaphthene
Concen: 2.04 ng
RT: 9.44 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF094507.D
Acq: 19 Apr 2017 00:51

Tgt Ion:154 Resp: 18720
Ion Ratio Lower Upper
154 100
153 117.5 90.5 135.7
152 65.5 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

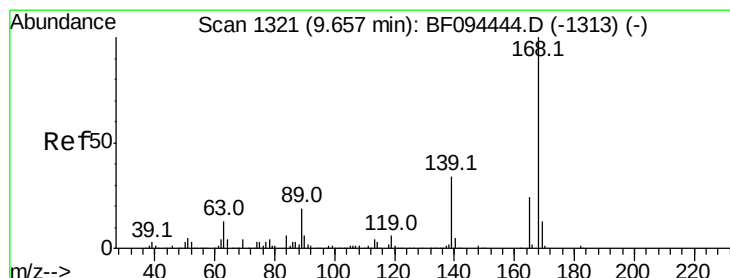
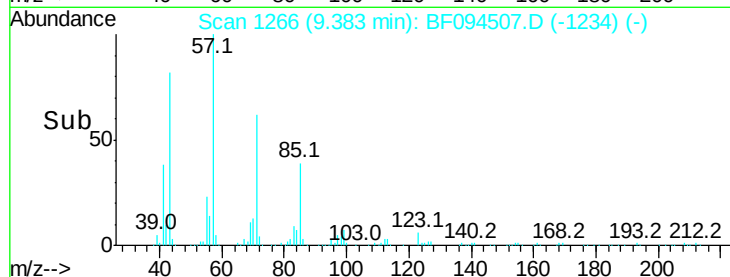
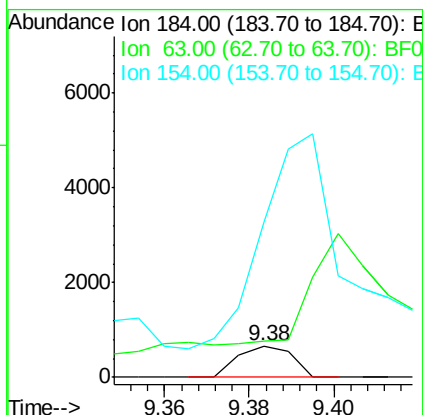
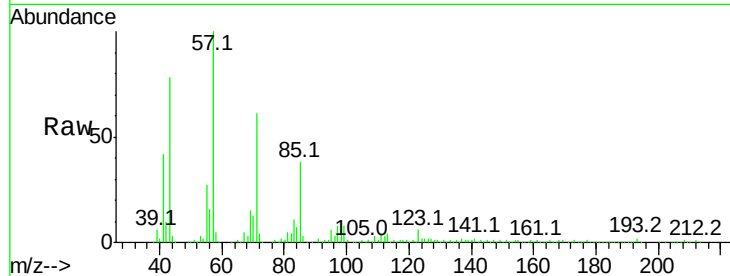




#53
 2,4-Dinitrophenol
 Concen: 6.16 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.11 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

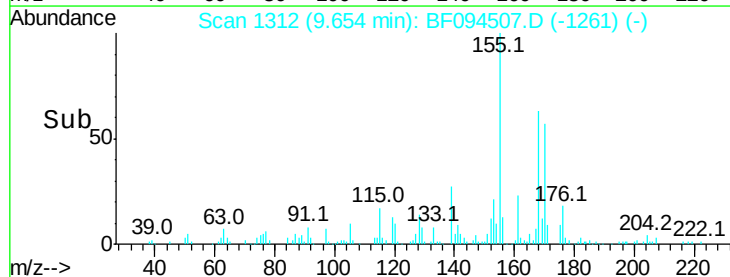
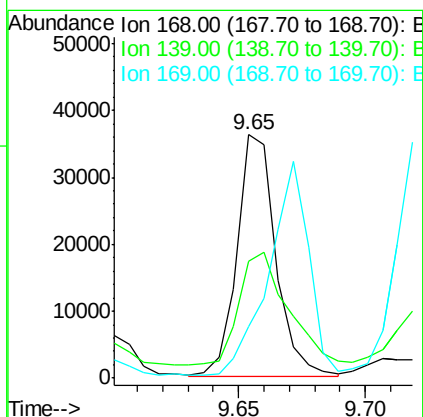
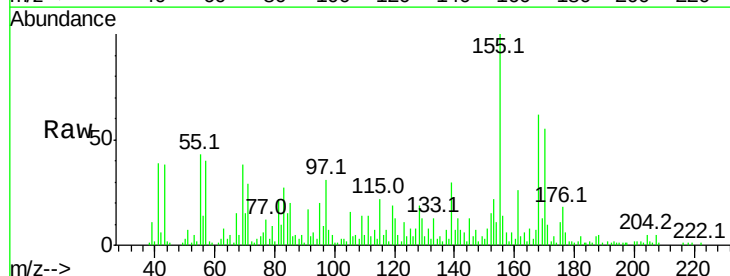
Instrument :
 BNA_F
 ClientSampleId :

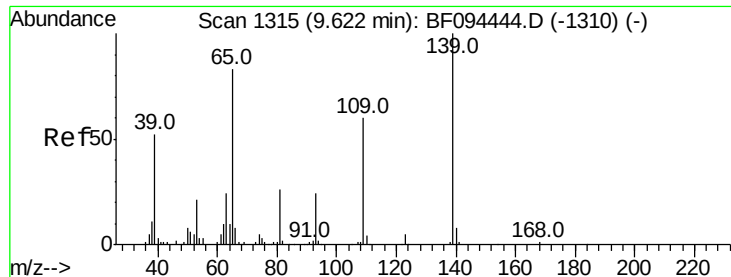
Tot Ion:184 Resp: 590
 Ion Ratio Lower Upper
 184 100
 63 114.5 62.7 94.1#
 154 494.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 2.86 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

Tgt Ion:168 Resp: 38201
 Ion Ratio Lower Upper
 168 100
 139 48.1 30.6 45.8#
 169 21.0 10.8 16.2#

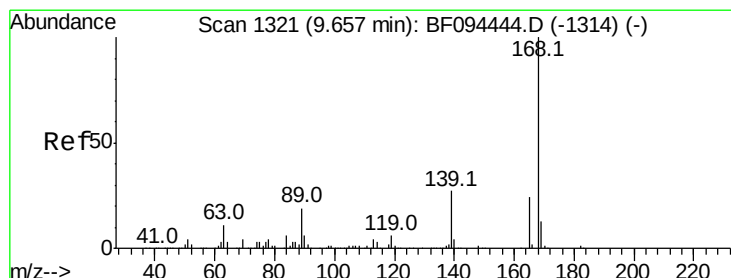
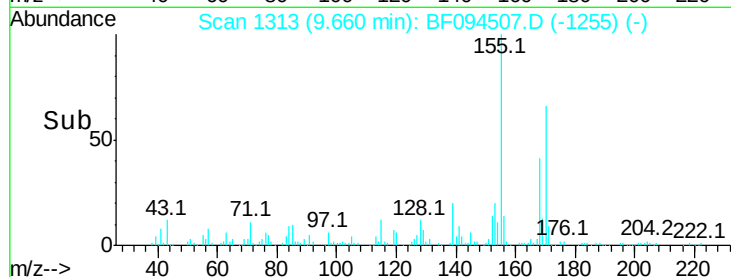
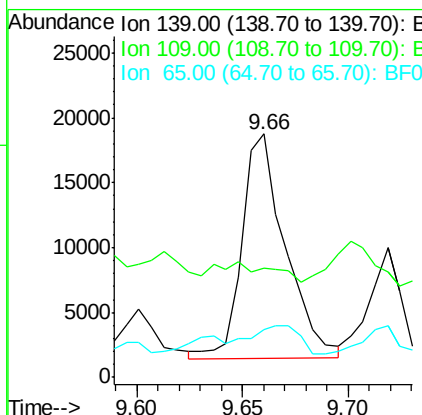
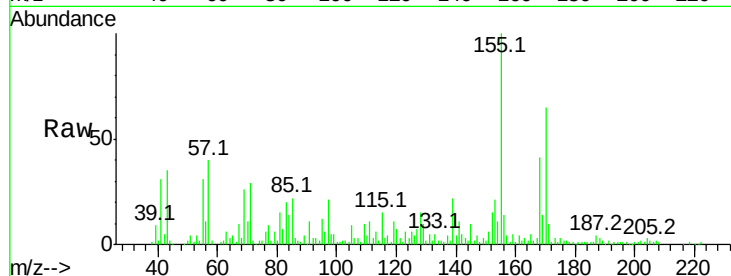




#55
4-Nitrophenol
Concen: 11.90 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.04 min
Lab File: BF094507.D
Acq: 19 Apr 2017 00:51

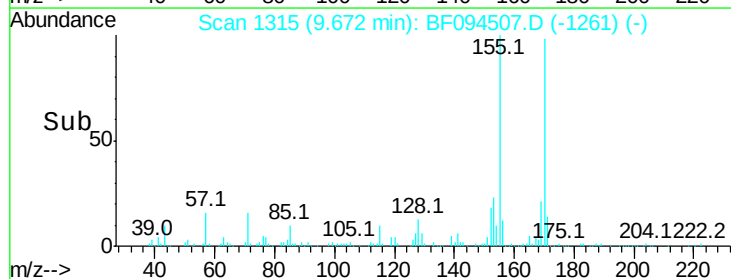
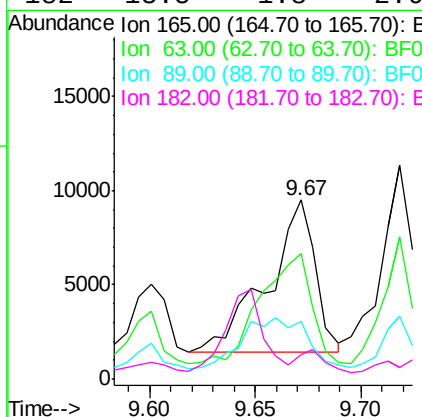
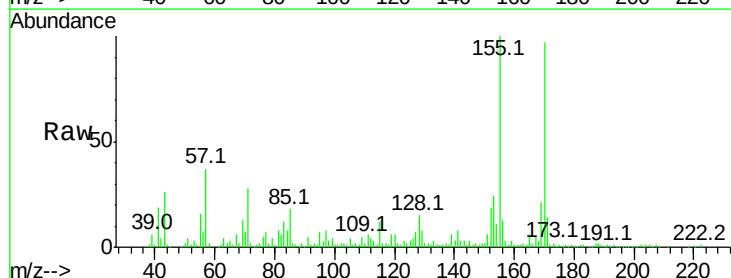
Instrument :
BNA_F
ClientSampled :

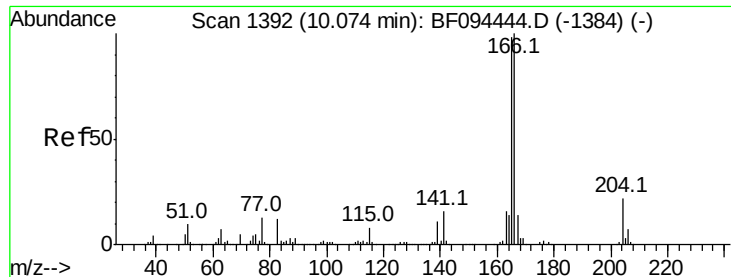
Tot Ion:139 Resp: 24678
Ion Ratio Lower Upper
139 100
109 44.7 34.1 74.1
65 19.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 4.08 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF094507.D
Acq: 19 Apr 2017 00:51

Tgt Ion:165 Resp: 12682
Ion Ratio Lower Upper
165 100
63 70.3 25.4 38.0#
89 31.9 46.4 69.6#
182 13.5 1.8 2.6#

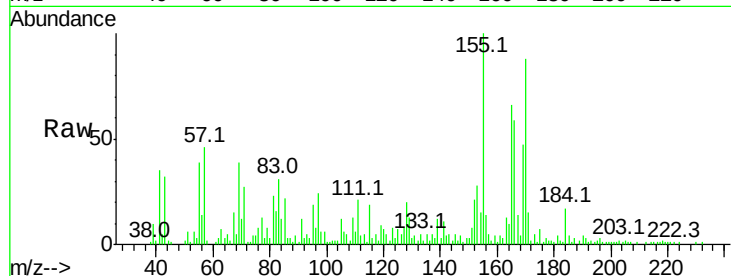




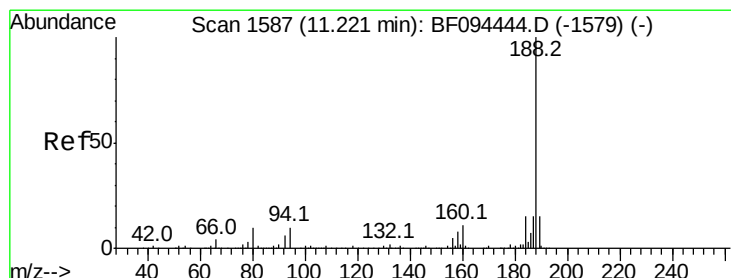
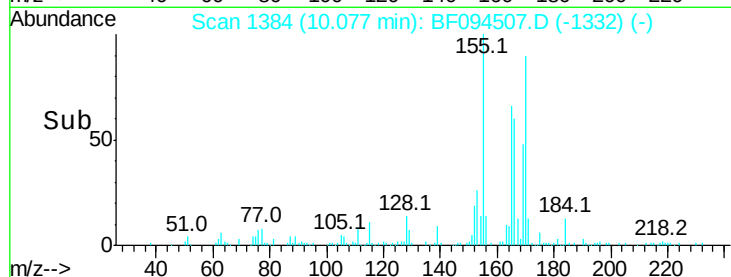
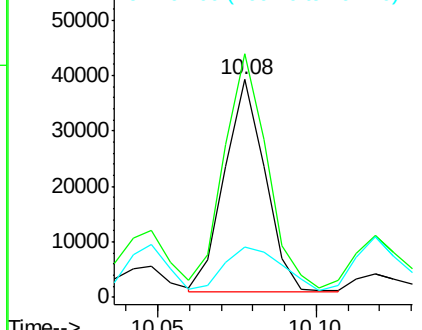
#57
 Fluorene
 Concen: 3.29 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 34204
 Ion Ratio Lower Upper
 166 100
 165 111.7 78.8 118.2
 167 23.4 10.6 16.0#

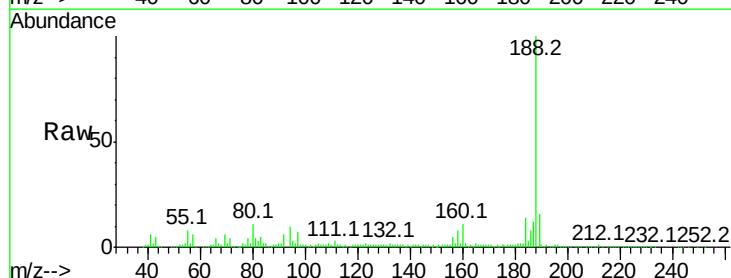


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

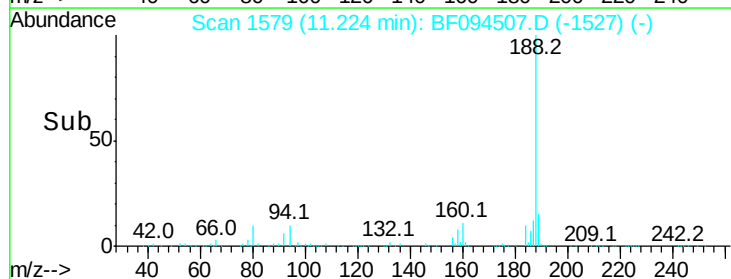
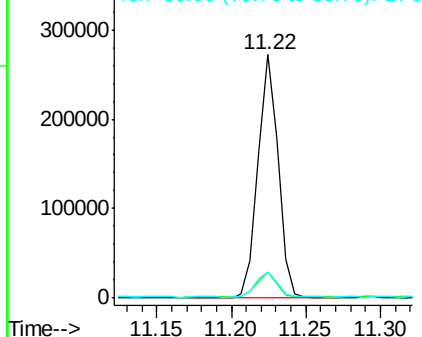


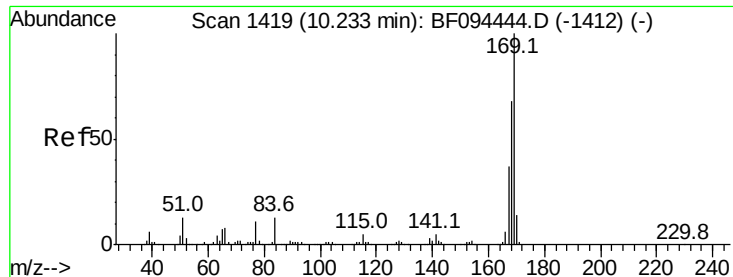
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

Tgt Ion:188 Resp: 252728
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.8 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

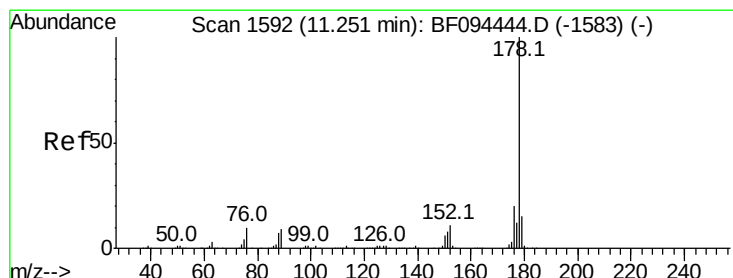
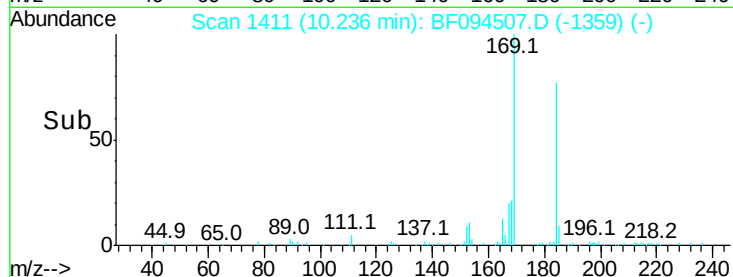
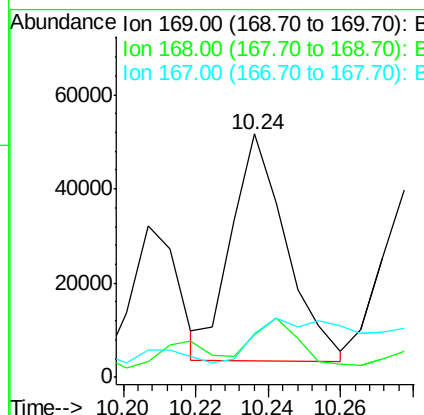
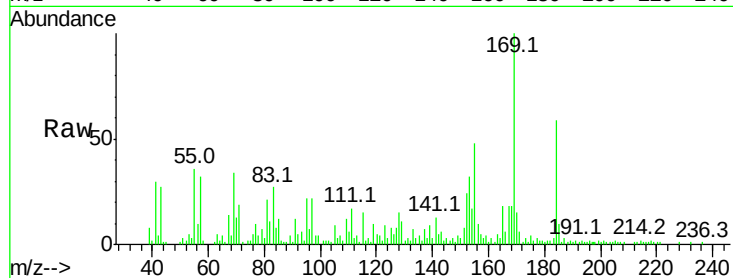




#65
 n-Nitrosodiphenylamine
 Concen: 5.76 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

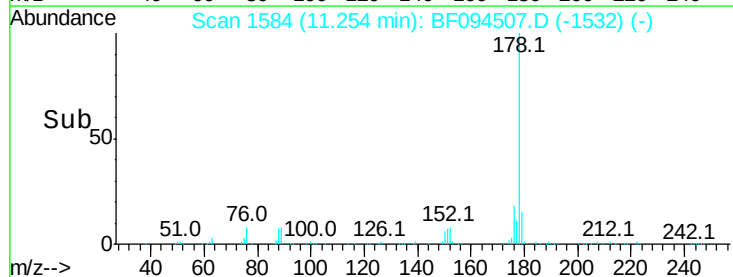
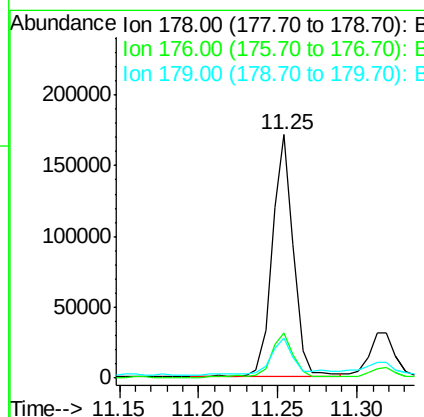
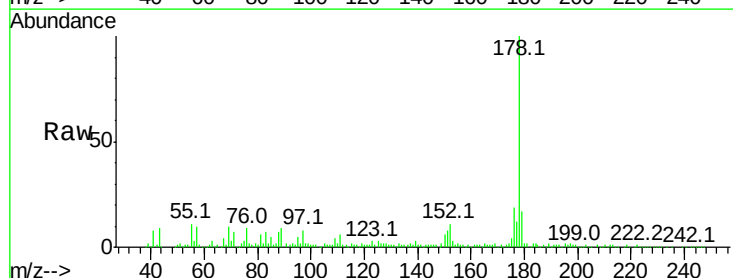
Instrument :
 BNA_F
 ClientSampleId :

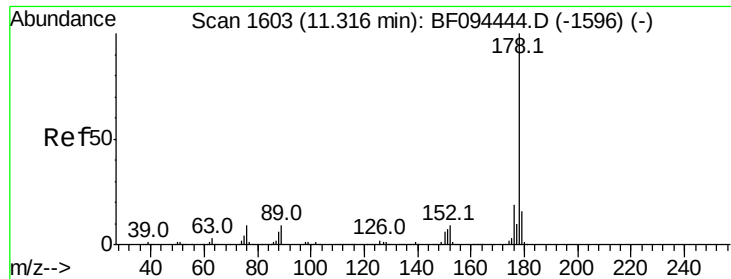
Tot Ion:169 Resp: 50609
 Ion Ratio Lower Upper
 169 100
 168 17.7 53.2 79.8#
 167 18.1 29.5 44.3#



#70
 Phenanthrene
 Concen: 11.22 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

Tgt Ion:178 Resp: 159724
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 16.7 12.6 19.0

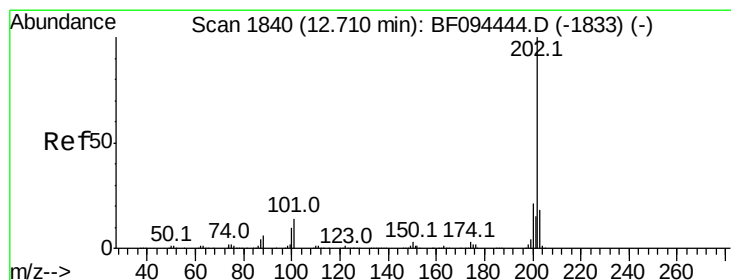
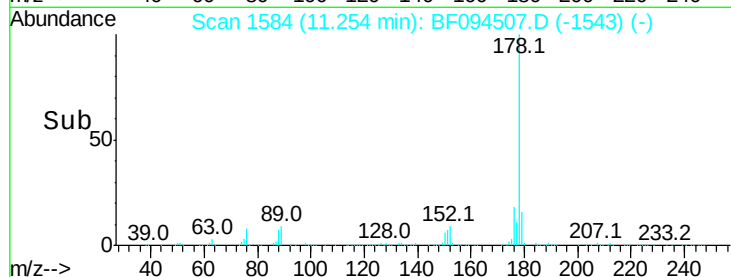
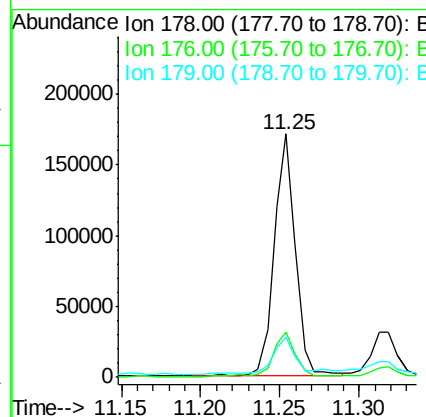
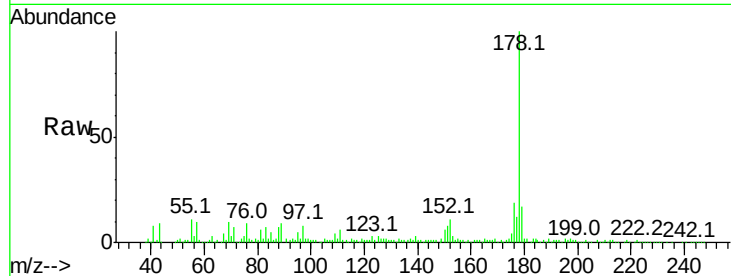




#71
 Anthracene
 Concen: 10.85 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. -0.06 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

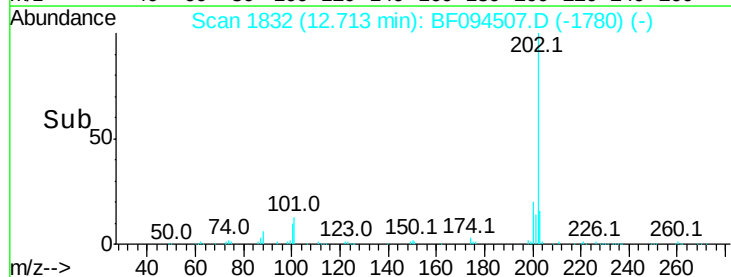
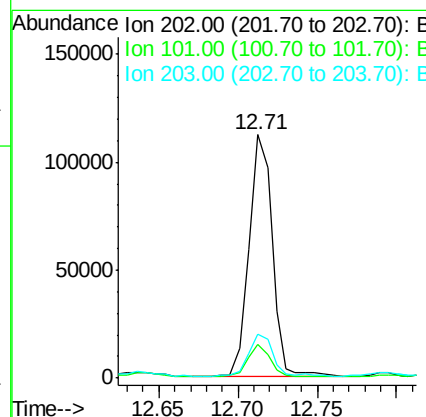
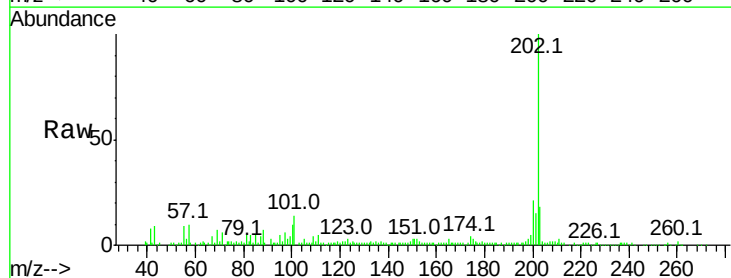
Instrument :
 BNA_F
 ClientSampleId :

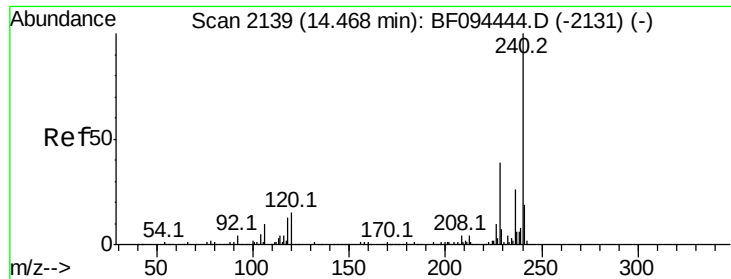
Tot Ion:178 Resp: 159724
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 16.7 12.7 19.1



#74
 Fluoranthene
 Concen: 7.74 ng
 RT: 12.71 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BF094507.D
 Acq: 19 Apr 2017 00:51

Tgt Ion:202 Resp: 114193
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 33.2
 203 17.9 0.0 38.1

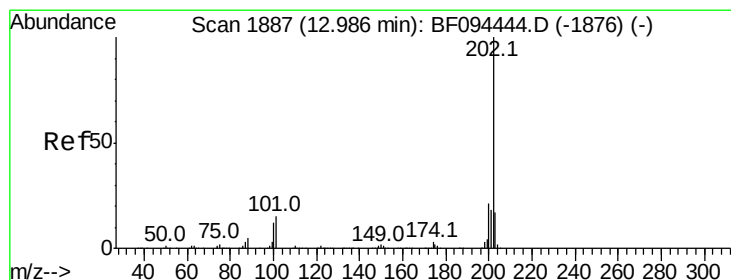
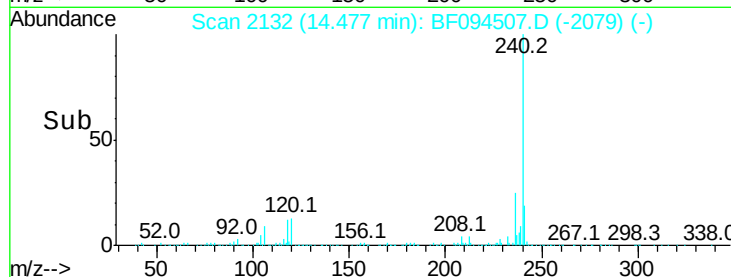
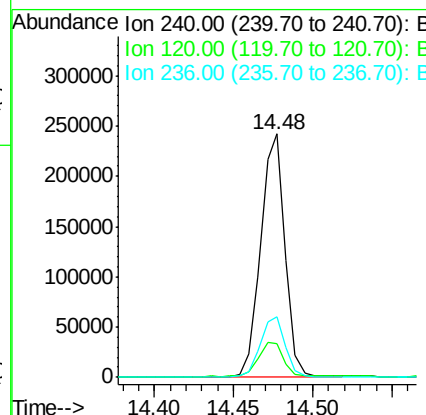
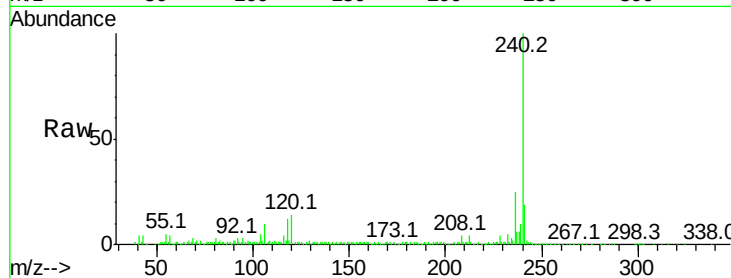




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.48 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF094507.D
Acq: 19 Apr 2017 00:51

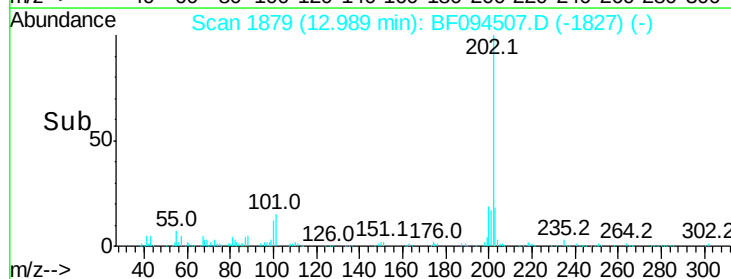
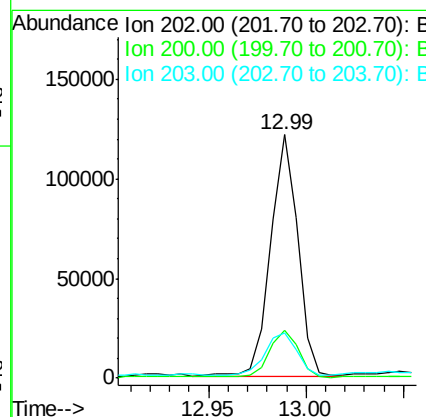
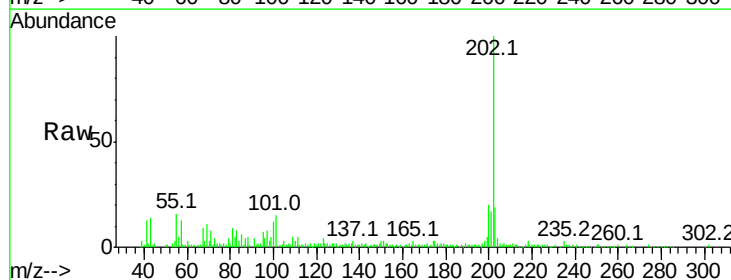
Instrument :
BNA_F
ClientSampleId :

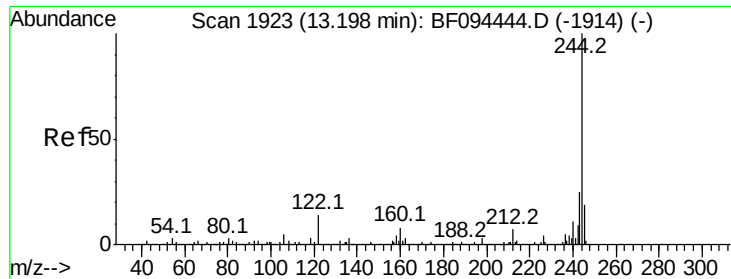
Tot Ion:240 Resp: 256996
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 25.0 20.5 30.7



#77
Pyrene
Concen: 6.55 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094507.D
Acq: 19 Apr 2017 00:51

Tgt Ion:202 Resp: 117677
Ion Ratio Lower Upper
202 100
200 19.8 17.6 26.4
203 18.8 14.4 21.6





#78

Terphenyl-d14

Concen: 31.03 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

Instrument :

BNA_F

ClientSampleId :

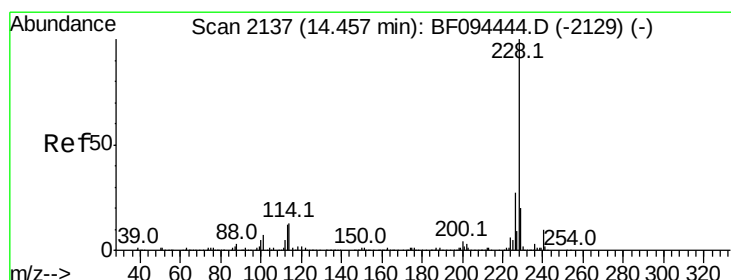
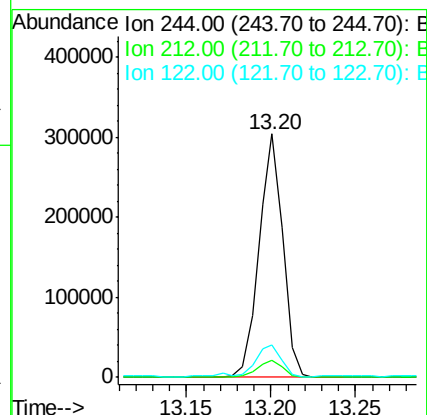
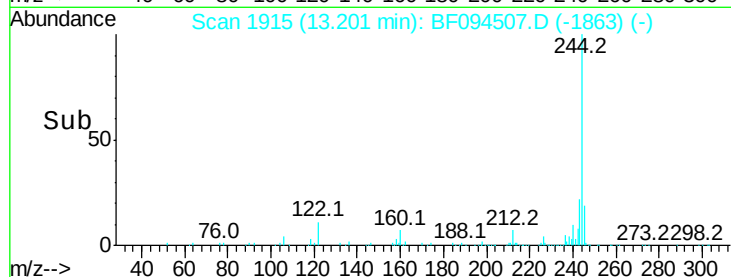
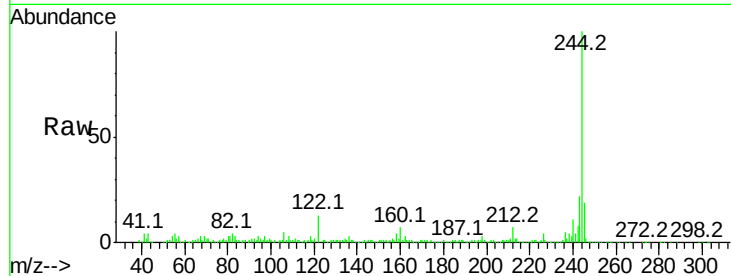
Tot Ion:244 Resp: 298349

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 13.5 10.3 15.5



#80

Benzo(a)anthracene

Concen: 3.41 ng

RT: 14.47 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

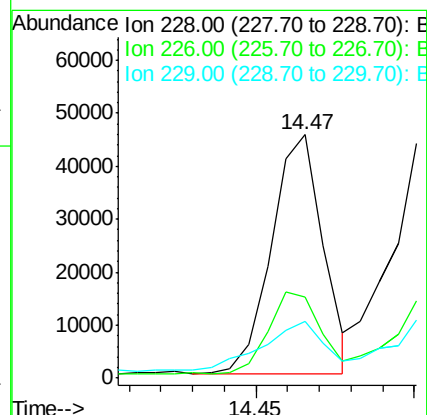
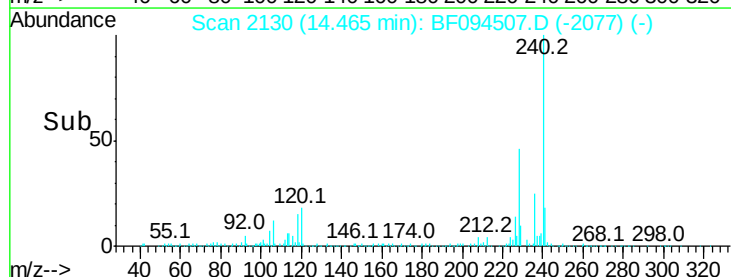
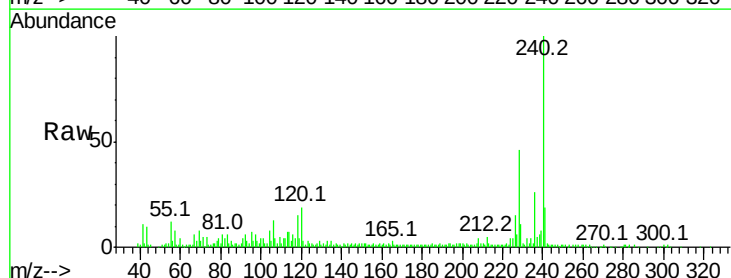
Tgt Ion:228 Resp: 50885

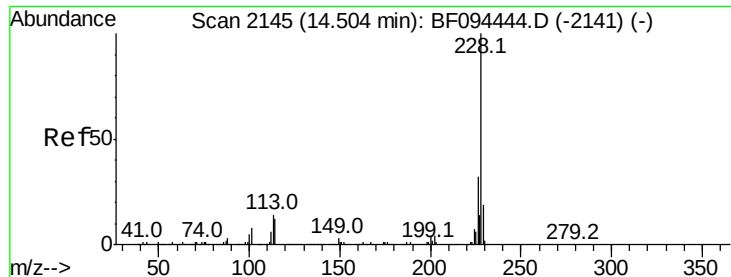
Ion Ratio Lower Upper

228 100

226 33.1 22.6 33.8

229 23.5 16.3 24.5





#82

Chrysene

Concen: 4.29 ng

RT: 14.51 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

Instrument :

BNA_F

ClientSampleId :

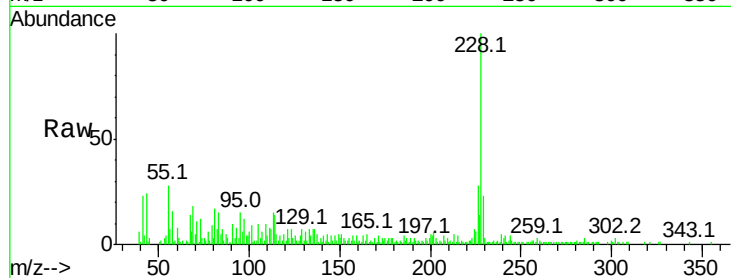
Tot Ion:228 Resp: 58552

Ion Ratio Lower Upper

228 100

226 27.8 24.9 37.3

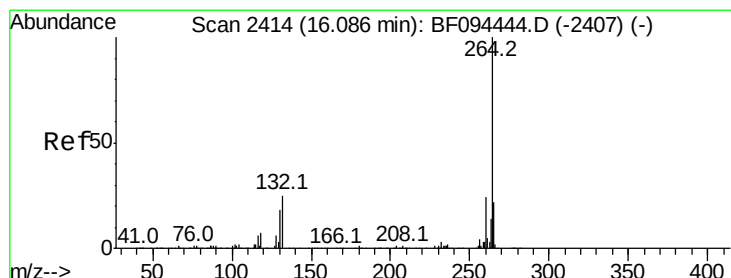
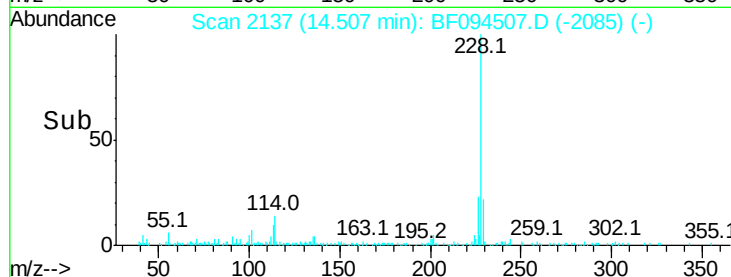
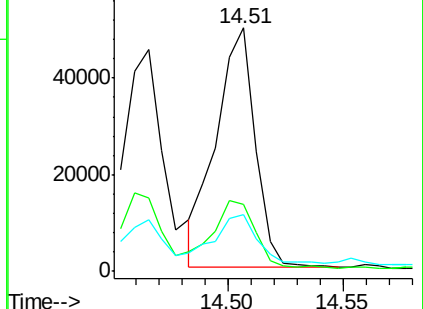
229 23.1 15.8 23.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.10 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

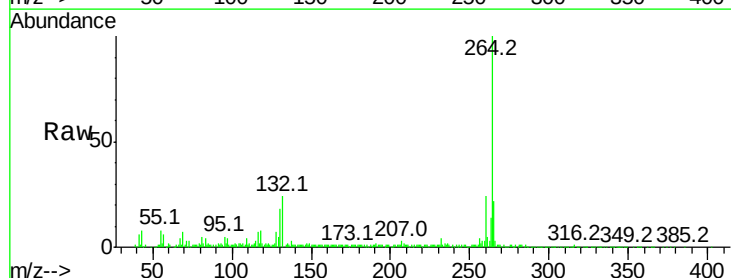
Tgt Ion:264 Resp: 196300

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

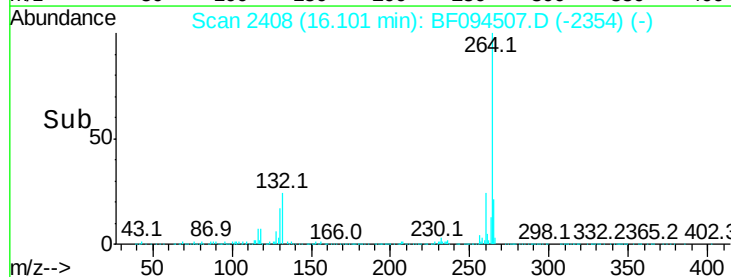
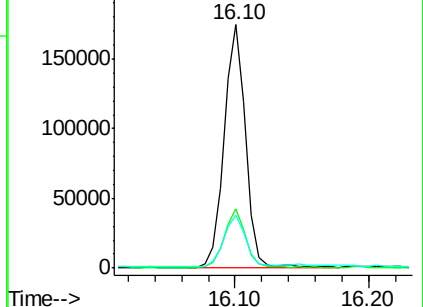
265 21.7 17.2 25.8

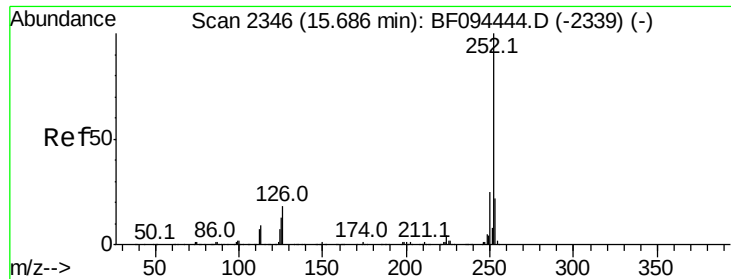


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

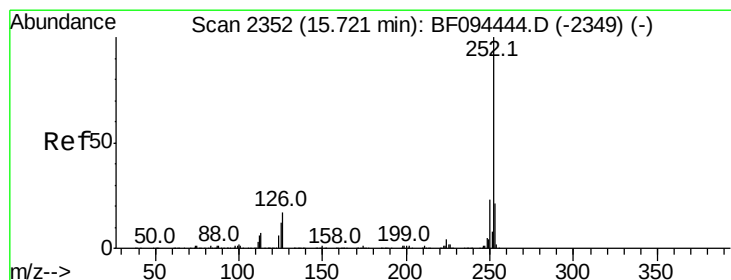
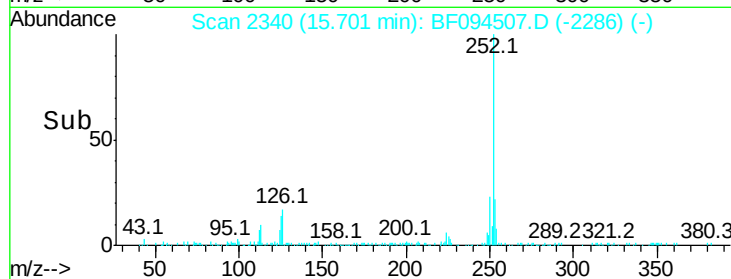
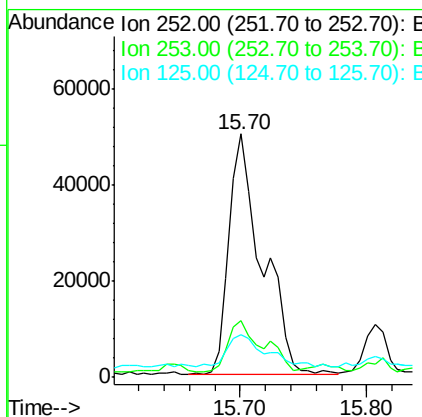
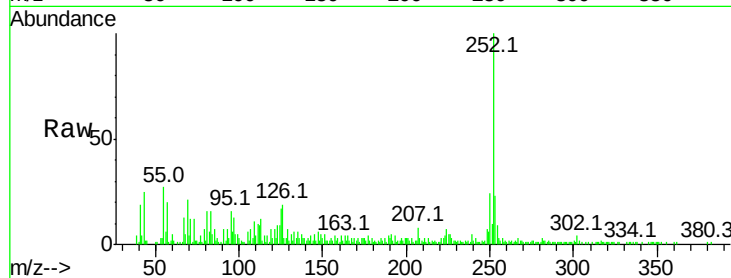




#87
Benzo(b)fluoranthene
Concen: 7.55 ng
RT: 15.70 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BF094507.D
Acq: 19 Apr 2017 00:51

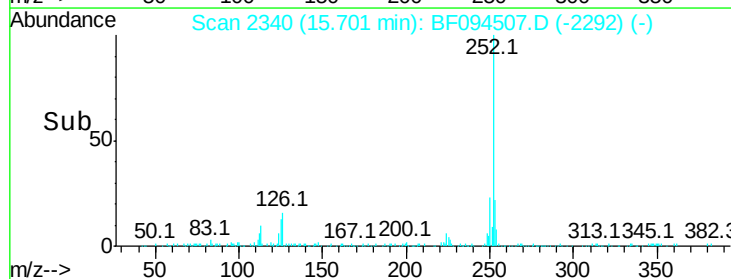
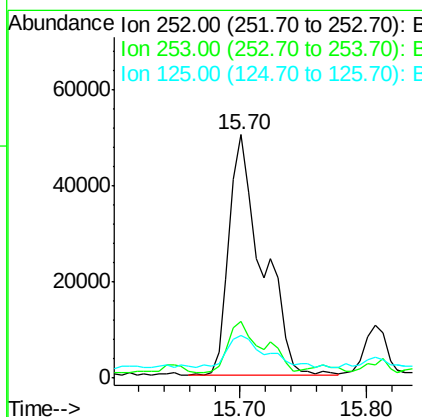
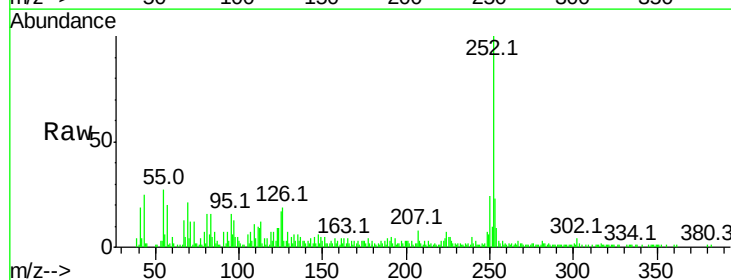
Instrument :
BNA_F
ClientSampleId :

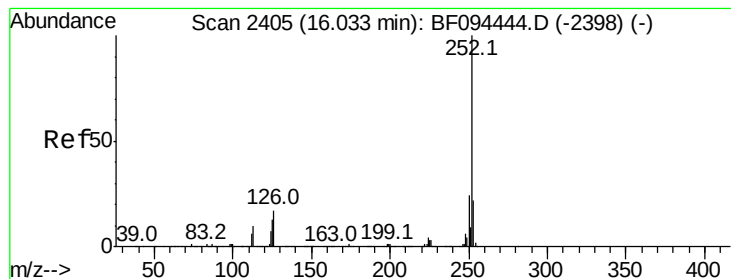
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	17.4	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 7.97 ng
RT: 15.70 min Scan# 2340
Delta R.T. -0.02 min
Lab File: BF094507.D
Acq: 19 Apr 2017 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	17.4	13.1	19.7





#89

Benzo(a)pyrene

Concen: 3.57 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

Instrument :

BNA_F

ClientSampleId :

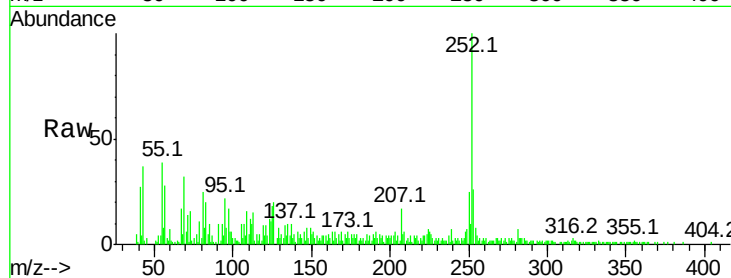
Tot Ion:252 Resp: 39879

Ion Ratio Lower Upper

252 100

253 25.9 17.5 26.3

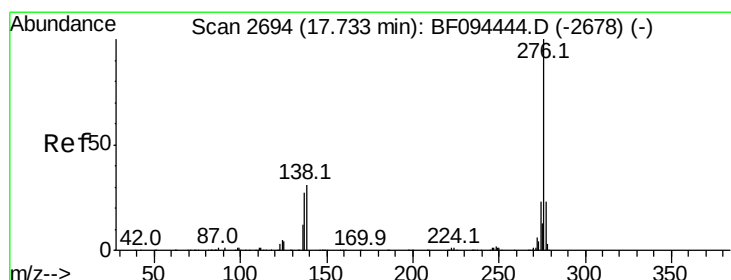
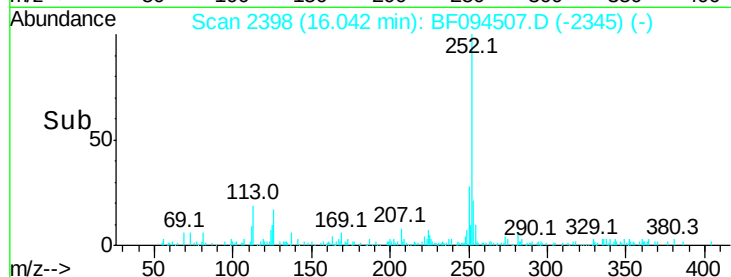
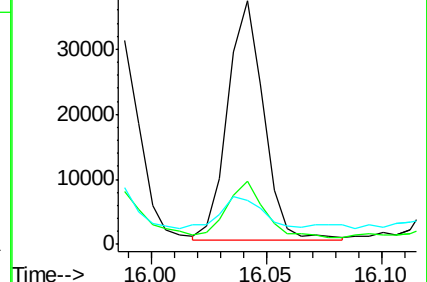
125 18.1 11.0 16.4#



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



#91

Benzo(g,h,i)perylene

Concen: 2.24 ng

RT: 17.75 min Scan# 2688

Delta R.T. 0.01 min

Lab File: BF094507.D

Acq: 19 Apr 2017 00:51

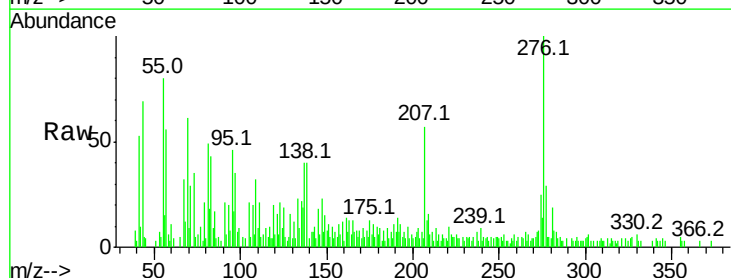
Tgt Ion:276 Resp: 21151

Ion Ratio Lower Upper

276 100

277 28.9 18.6 28.0#

138 39.6 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

