

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088798.D
 Acq On : 8 Jul 2016 00:34
 Operator : UM/SJ
 Sample : H3889-09 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-9

Quant Time: Jul 08 01:45:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	88443	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	311472	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	136660	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	203692	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	140136	20.00	ng	0.00
86) Perylene-d12	15.30	264	170703	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	23981	4.06	ng	-0.05
7) Phenol-d6	6.36	99	34949	4.58	ng	-0.05
23) Nitrobenzene-d5	7.30	82	19034	3.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	4614	3.64	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	35590	4.11	ng	-0.03
78) Terphenyl-d14	12.85	244	27490	4.37	ng	-0.02

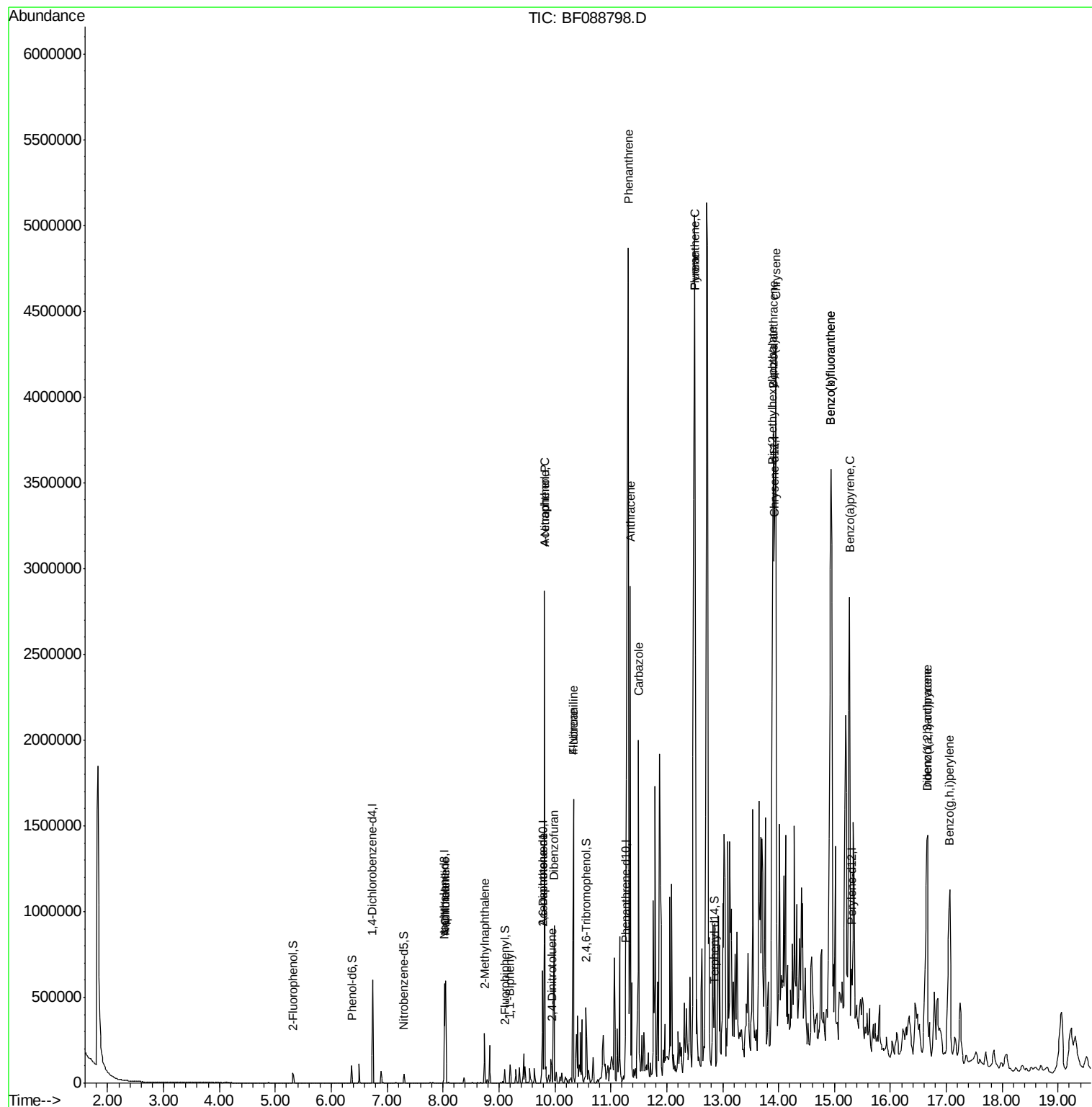
Target Compounds				Qvalue		
31) Naphthalene	8.04	128	249314	16.24	ng	98
33) 4-Chloroaniline	8.04	127	32055	4.69	ng	# 32
37) 2-Methylnaphthalene	8.74	142	87272	8.83	ng	97
45) 1,1'-Biphenyl	9.20	154	33420	2.95	ng	99
50) 2,6-Dinitrotoluene	9.78	165	21991	10.19	ng	# 40
51) Acenaphthene	9.82	154	612251	70.66	ng	98
54) Dibenzofuran	9.99	168	420217	37.05	ng	95
55) 4-Nitrophenol	9.82	139	5340	2.56	ng	# 49
56) 2,4-Dinitrotoluene	9.94	165	7552	2.68	ng	# 55
57) Fluorene	10.33	166	533833	61.08	ng	98
61) 4-Nitroaniline	10.33	138	6361	2.41	ng	# 22
70) Phenanthrene	11.31	178	4161045	373.70	ng	98
71) Anthracene	11.35	178	872481	78.80	ng	100
72) Carbazole	11.50	167	756943	72.64	ng	99
74) Fluoranthene	12.50	202	4989867	442.05	ng	97
77) Pyrene	12.50	202	5015135	422.08	ng	97
80) Benzo(a)anthracene	13.91	228	3130205	346.89	ng	95
82) Chrysene	13.95	228	1781299	199.53	ng	96
83) Bis(2-ethylhexyl)phthalate	13.90	149	14039	2.32	ng	# 74
85) Indeno(1,2,3-cd)pyrene	16.66	276	1165480	169.68	ng	# 100
87) Benzo(b)fluoranthene	14.94	252	3851525	359.68	ng	# 94
88) Benzo(k)fluoranthene	14.94	252	3851525	413.16	ng	96
89) Benzo(a)pyrene	15.27	252	1713560	189.00	ng	94
90) Dibenzo(a,h)anthracene	16.66	278	403379	53.28	ng	94
91) Benzo(g,h,i)perylene	17.06	276	983659	125.56	ng	95

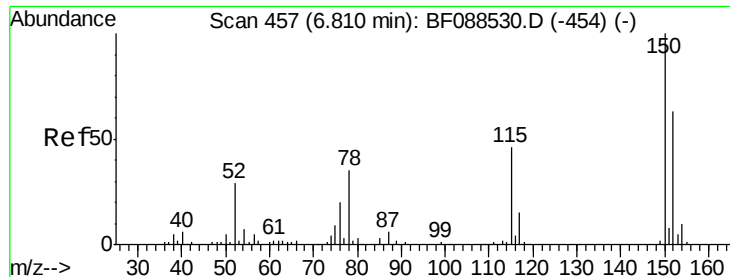
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampleId :

SS-9

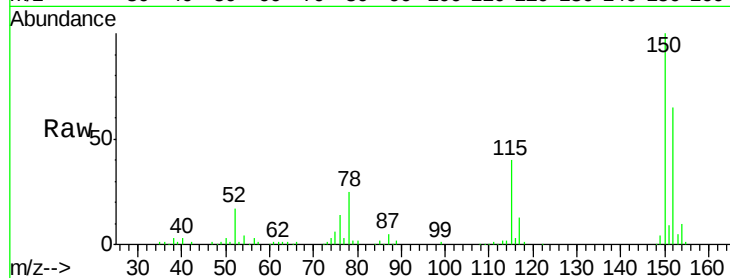
Tgt Ion:152 Resp: 88443

Ion Ratio Lower Upper

152 100

150 154.7 123.8 185.6

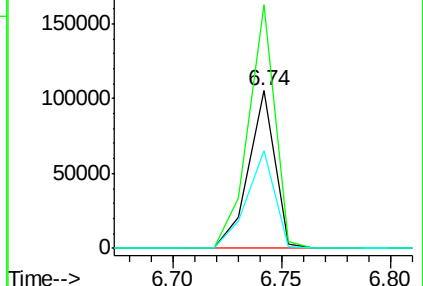
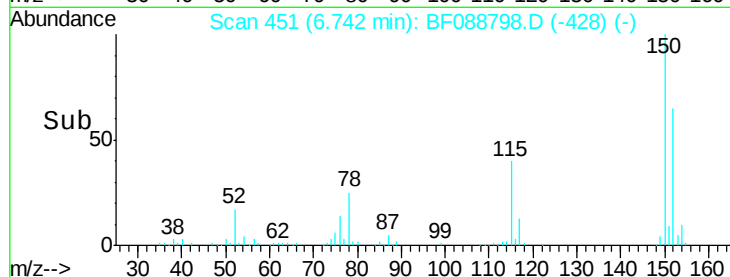
115 62.2 39.6 59.4#



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: 4.06 ng

RT: 5.32 min Scan# 327

Delta R.T. -0.05 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

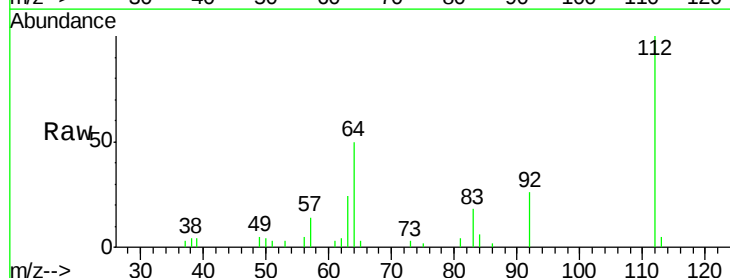
Tgt Ion:112 Resp: 23981

Ion Ratio Lower Upper

112 100

64 50.2 42.2 63.2

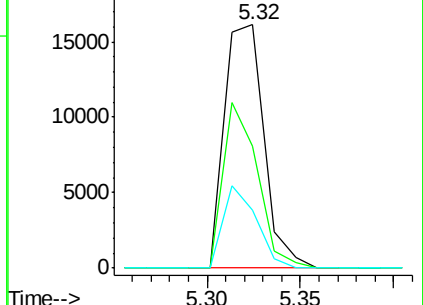
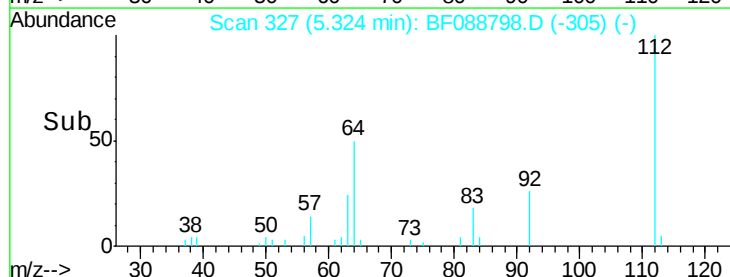
63 24.1 21.8 32.8



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: 4.58 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.05 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampled :

SS-9

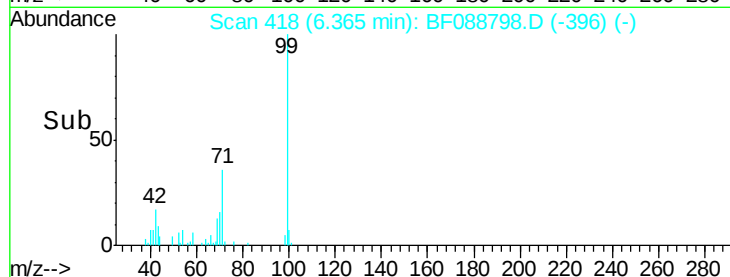
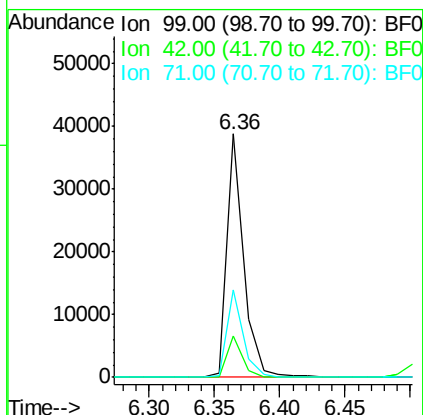
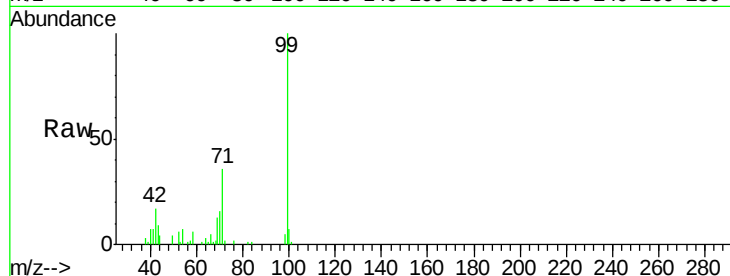
Tgt Ion: 99 Resp: 34949

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

71 35.8 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Tgt Ion: 136 Resp: 311472

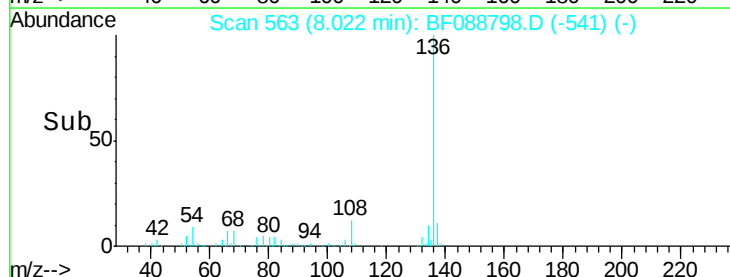
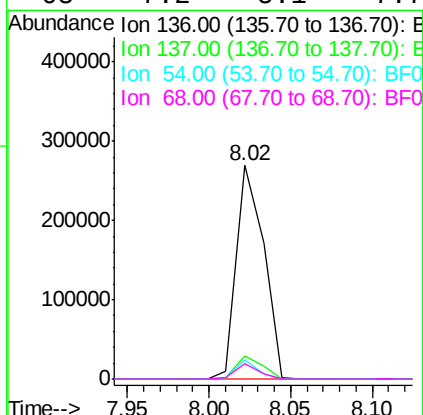
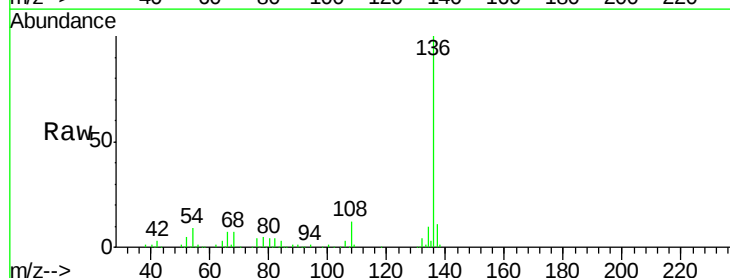
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.2 6.6 10.0

68 7.2 5.1 7.7

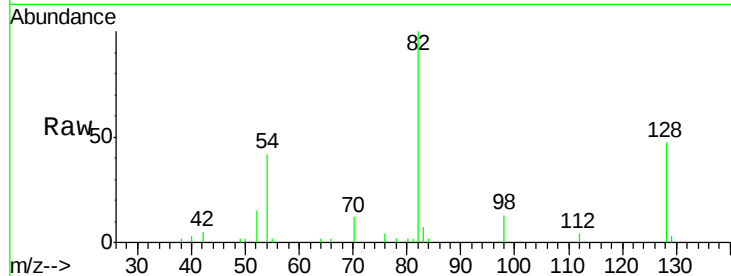




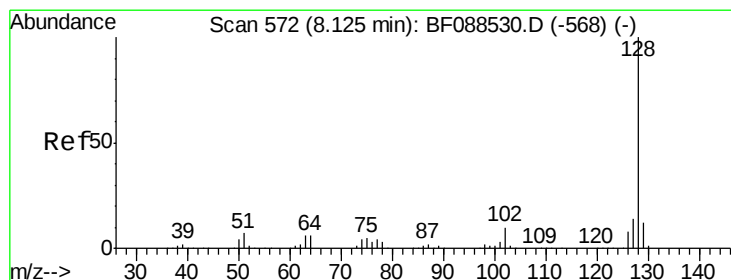
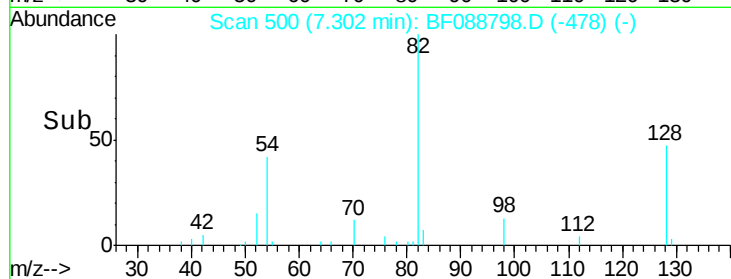
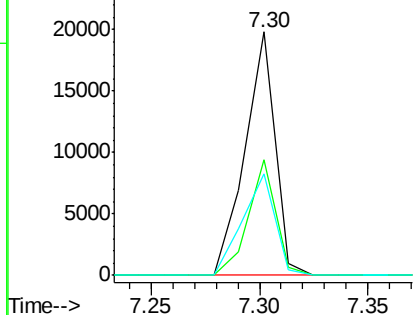
#23
Nitrobenzene-d5
Concen: 3.20 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampled :
SS-9

Tgt Ion: 82 Resp: 19034
Ion Ratio Lower Upper
82 100
128 47.3 35.9 53.9
54 41.8 40.9 61.3

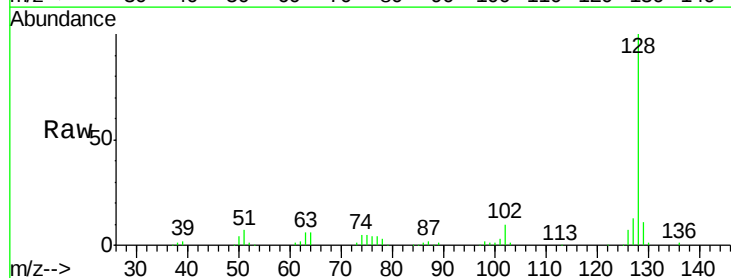


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

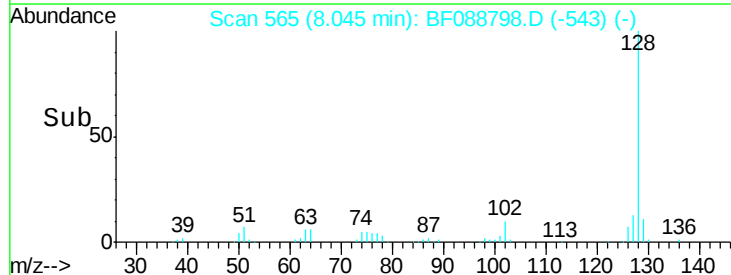
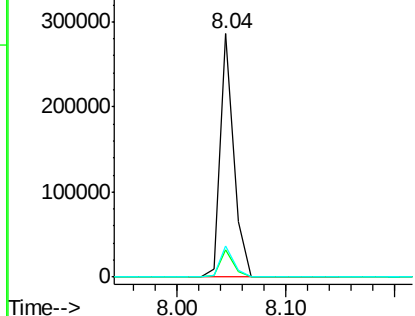


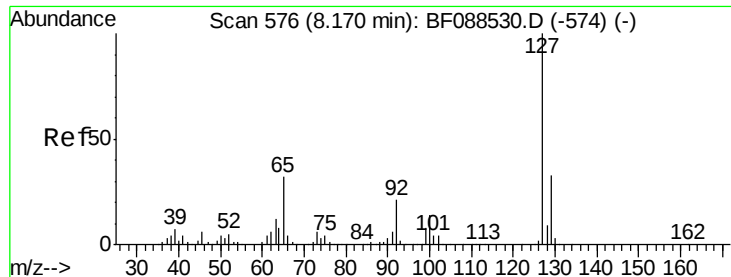
#31
Naphthalene
Concen: 16.24 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion: 128 Resp: 249314
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

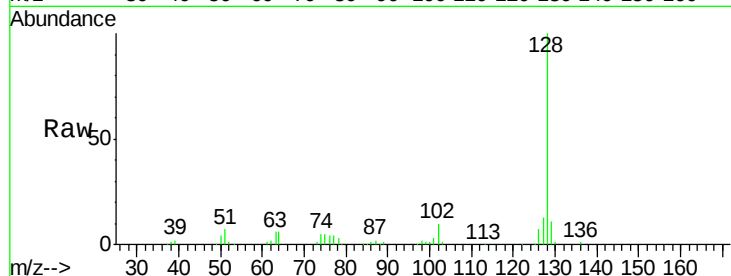




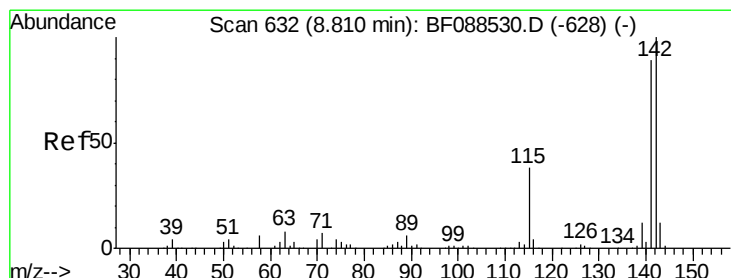
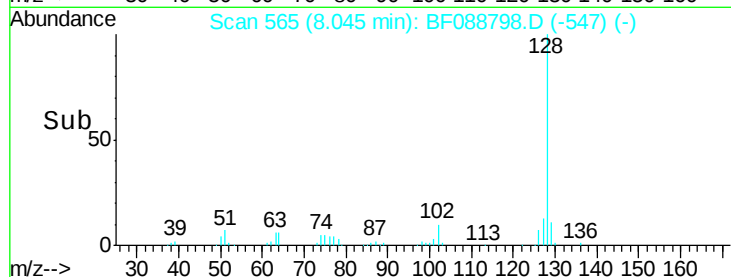
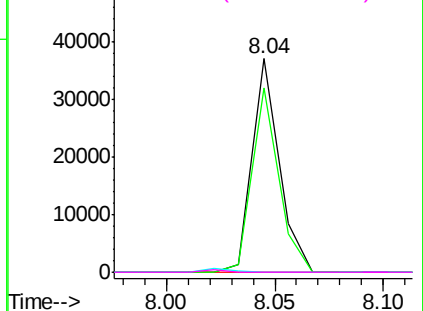
#33
 4-Chloroaniline
 Concen: 4.69 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.09 min
 Lab File: BF088798.D
 Acq: 8 Jul 2016 00:34

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 ClientSampled :
 SS-9

Tgt Ion:	127	Resp:	32055
Ion	Ratio	Lower	Upper
127	100		
129	86.3	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

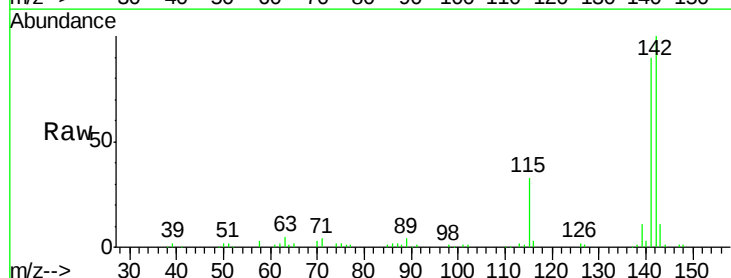


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

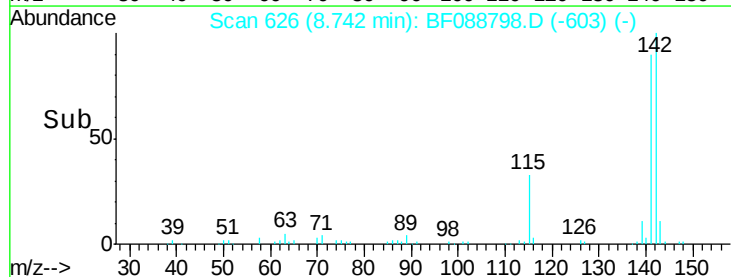
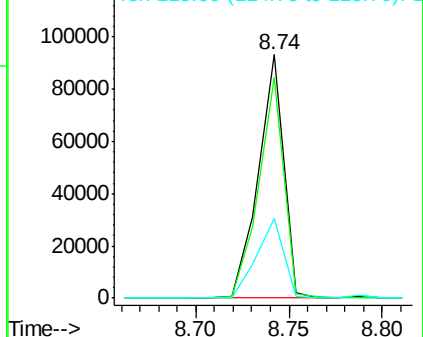


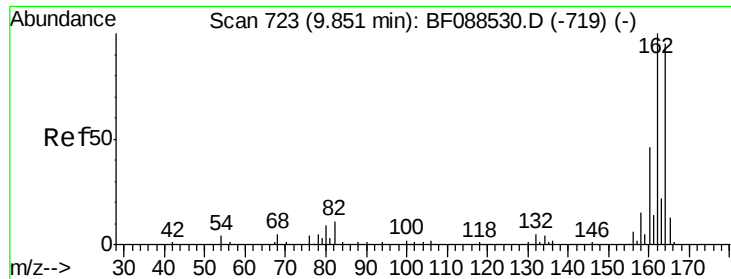
#37
 2-Methylnaphthalene
 Concen: 8.83 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF088798.D
 Acq: 8 Jul 2016 00:34

Tgt Ion:	142	Resp:	87272
Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	32.9	22.6	33.8



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

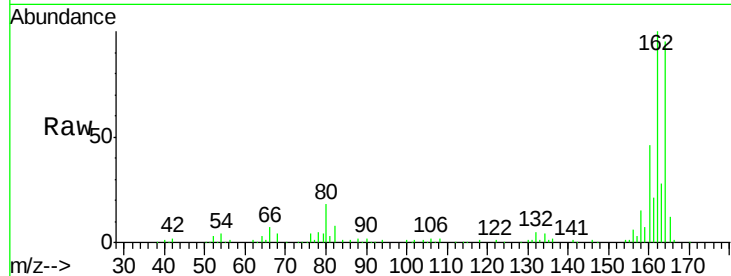




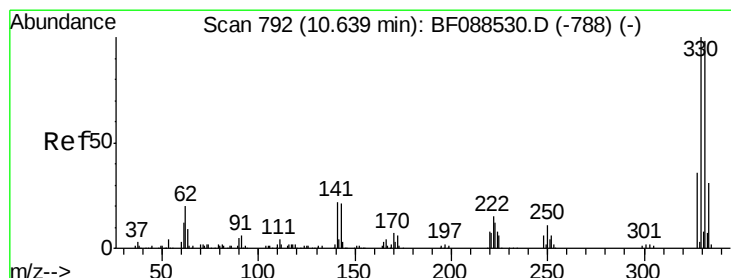
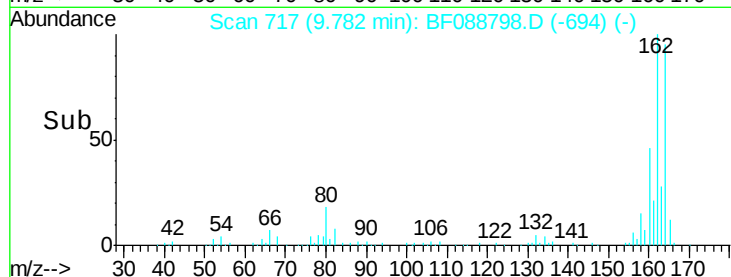
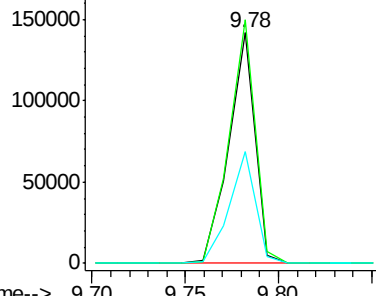
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:164 Resp: 136660
Ion Ratio Lower Upper
164 100
162 105.5 85.4 128.2
160 48.5 39.5 59.3

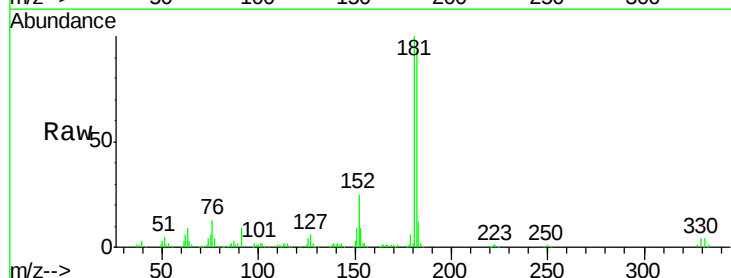


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

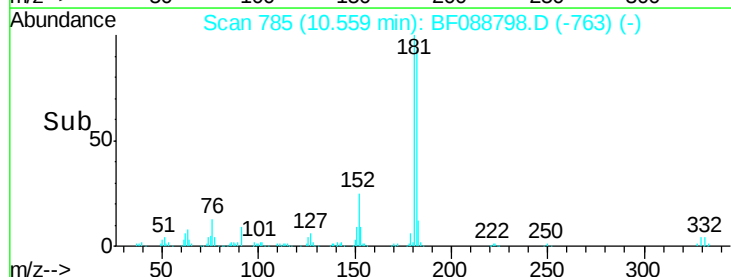
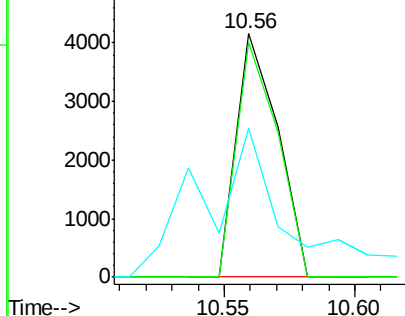


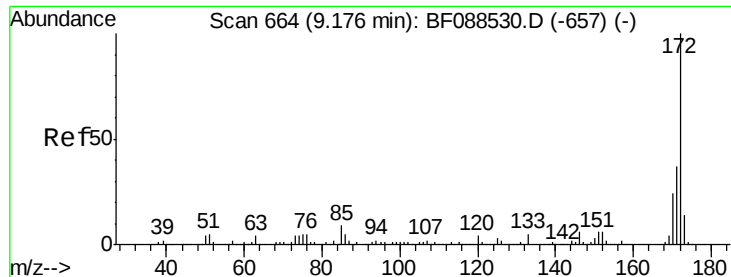
#41
2,4,6-Tribromophenol
Concen: 3.64 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:330 Resp: 4614
Ion Ratio Lower Upper
330 100
332 96.5 0.0 0.0#
141 125.1 0.0 0.0#



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

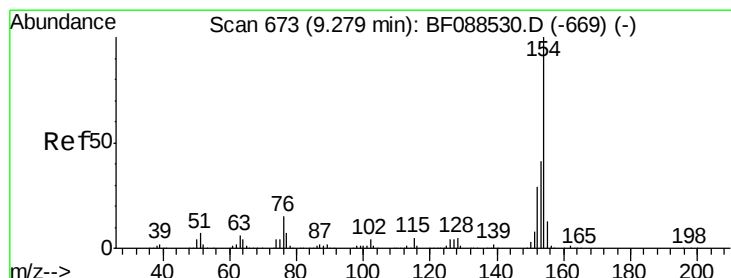
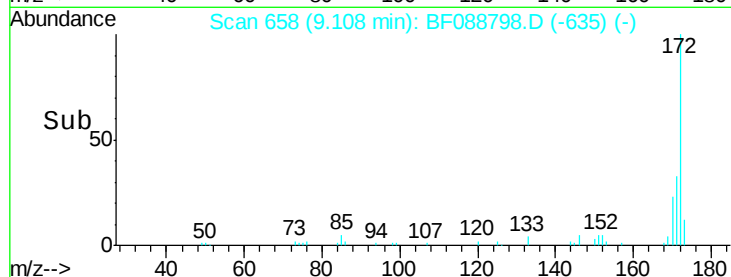
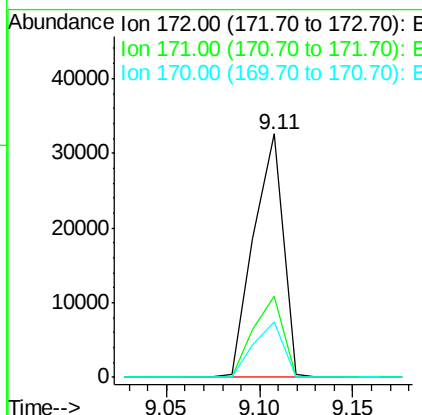
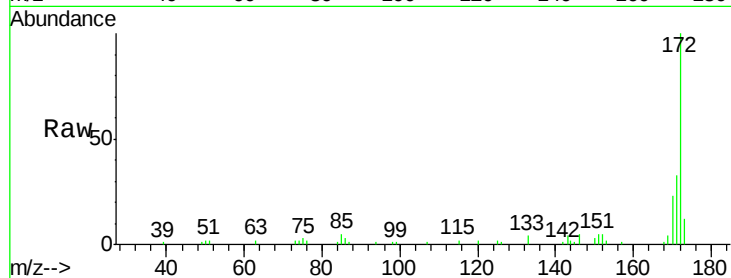




#44
 2-Fluorobiphenyl
 Concen: 4.11 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088798.D
 Acq: 8 Jul 2016 00:34

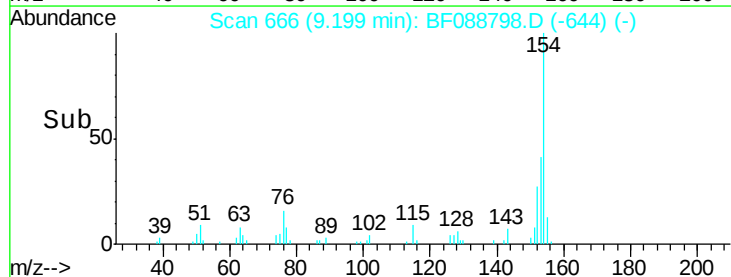
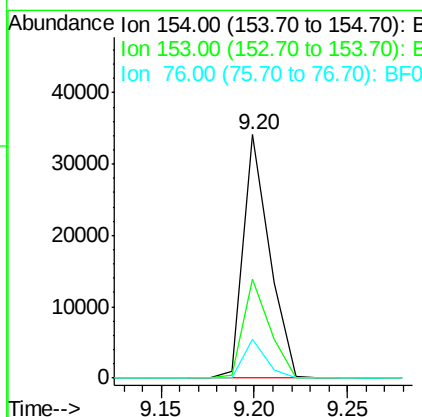
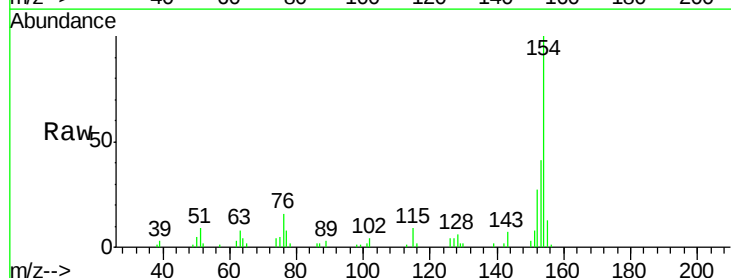
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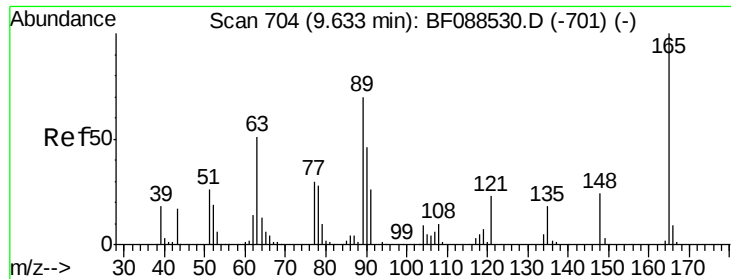
Tgt Ion:172 Resp: 35590
 Ion Ratio Lower Upper
 172 100
 171 33.3 28.6 43.0
 170 22.8 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: 2.95 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.05 min
 Lab File: BF088798.D
 Acq: 8 Jul 2016 00:34

Tgt Ion:154 Resp: 33420
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 16.0 0.0 35.1

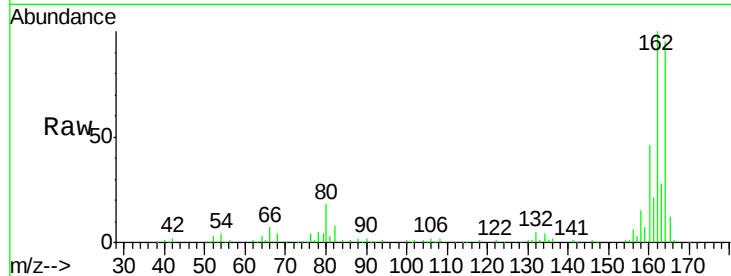




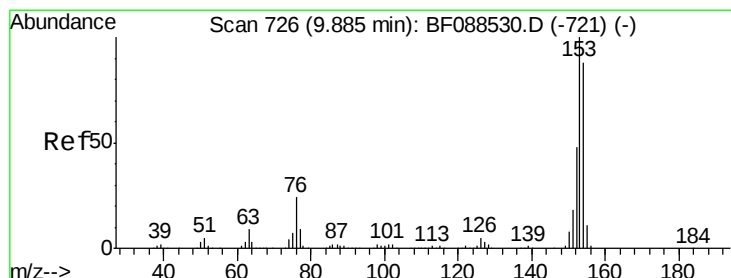
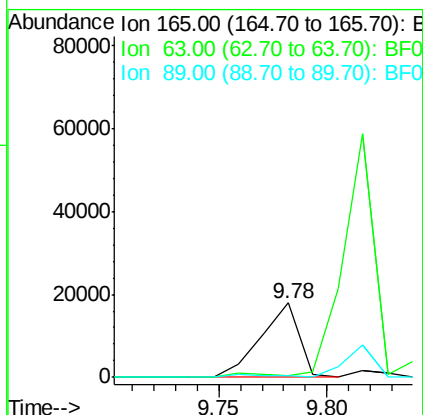
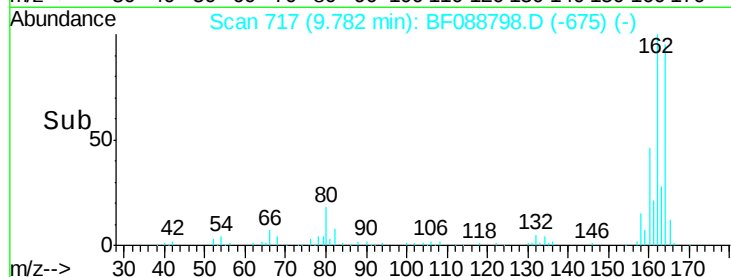
#50
 2,6-Dinitrotoluene
 Concen: 10.19 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.18 min
 Lab File: BF088798.D
 Acq: 8 Jul 2016 00:34

Instrument :
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 SS-9

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	28.1	42.1#
89	1.8	32.2	48.2#

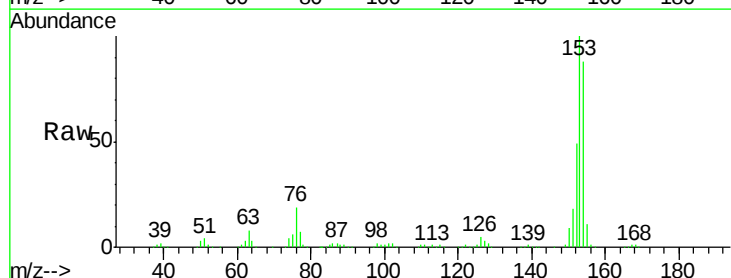


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

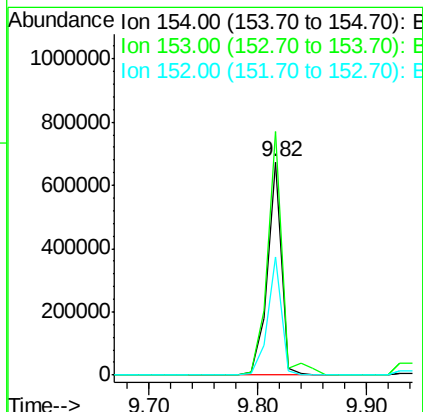
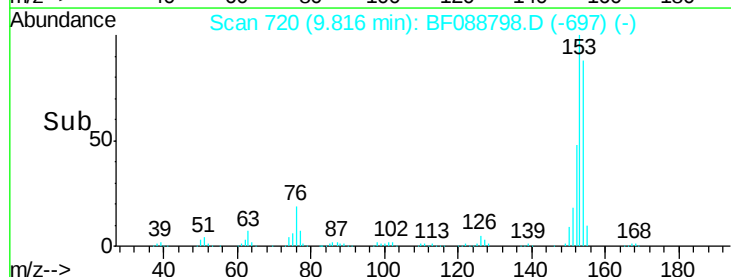


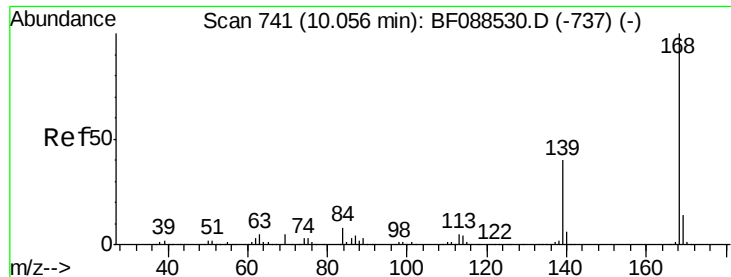
#51
 Acenaphthene
 Concen: 70.66 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088798.D
 Acq: 8 Jul 2016 00:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.5	134.3
152	55.4	42.7	64.1



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

Dibenzenofuran

Concen: 37.05 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampled :

SS-9

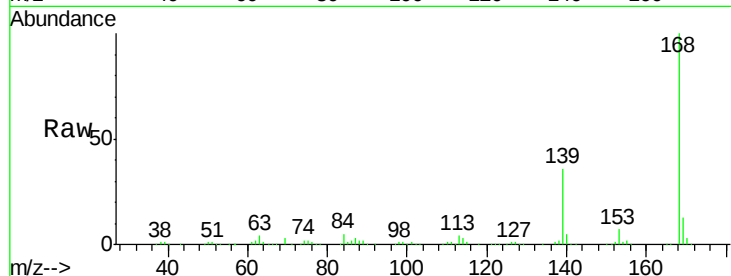
Tgt Ion:168 Resp: 420217

Ion Ratio Lower Upper

168 100

139 36.4 26.4 39.6

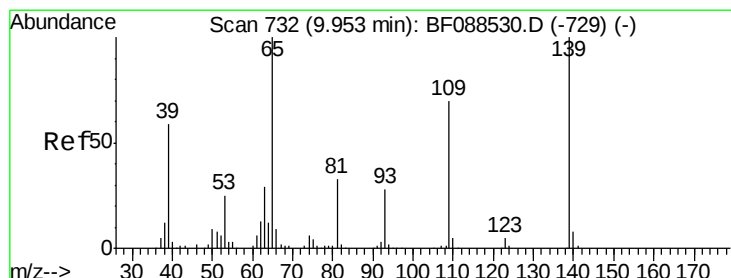
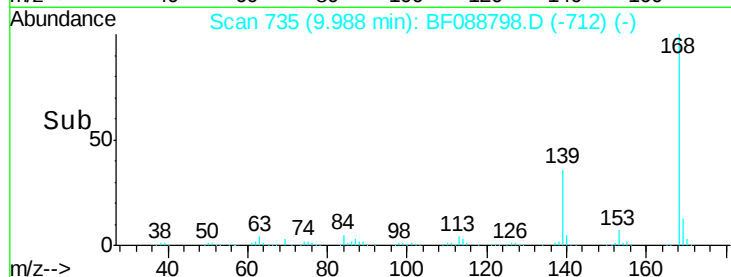
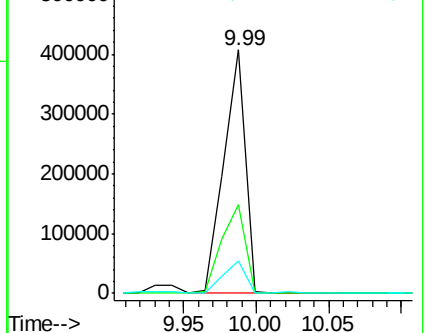
169 13.3 10.4 15.6



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: 2.56 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.11 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

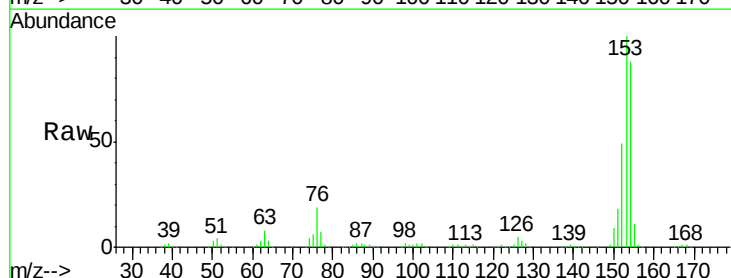
Tgt Ion:139 Resp: 5340

Ion Ratio Lower Upper

139 100

109 24.1 48.9 88.9#

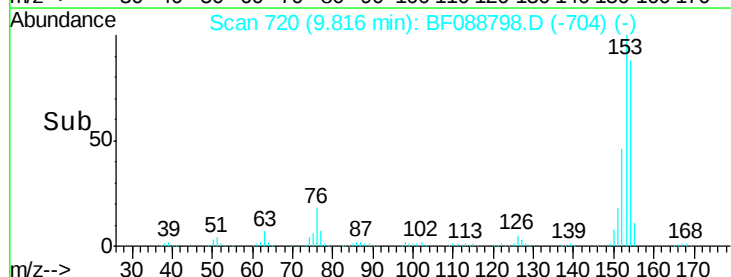
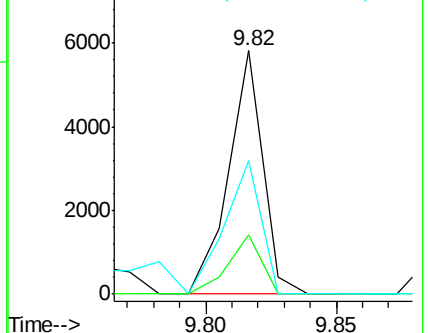
65 55.0 84.9 124.9#

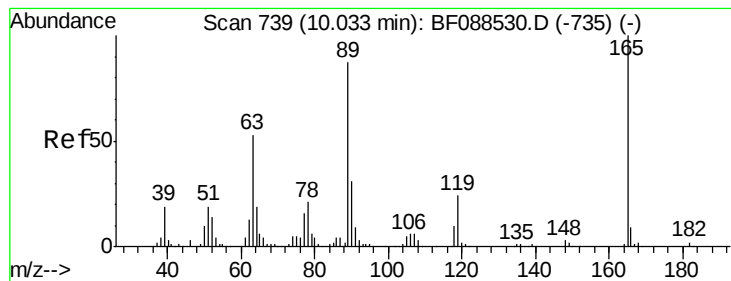


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

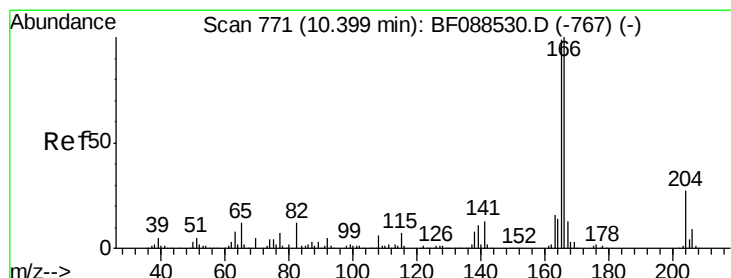
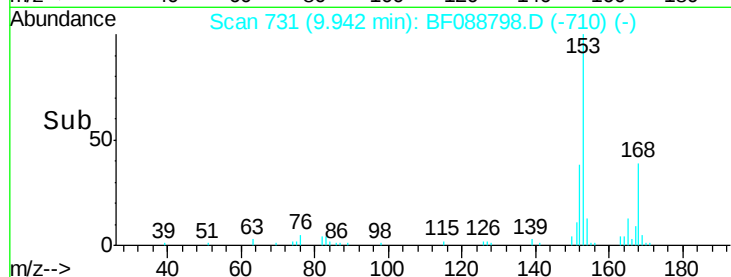
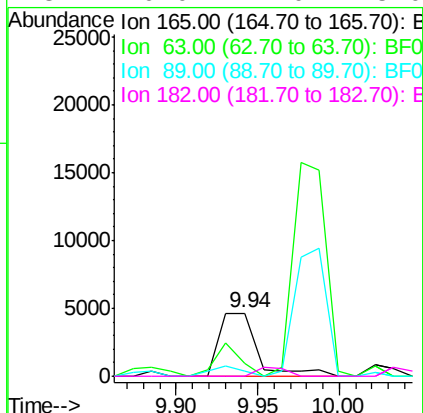
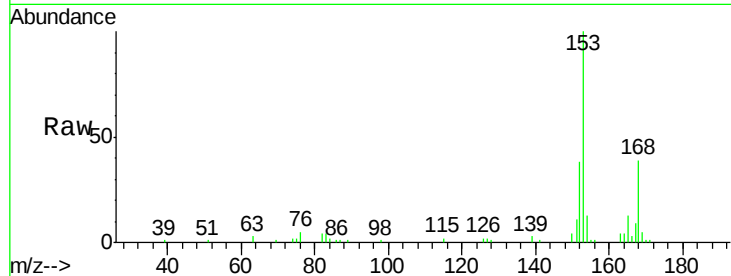




#56
2,4-Dinitrotoluene
Concen: 2.68 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

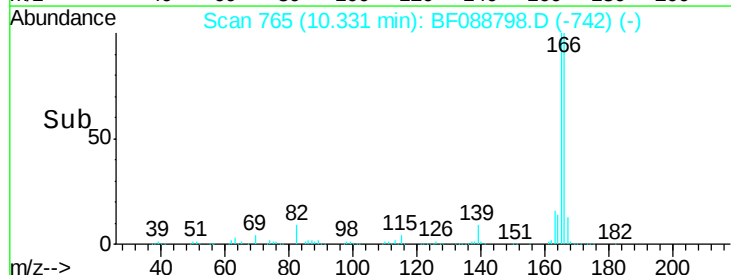
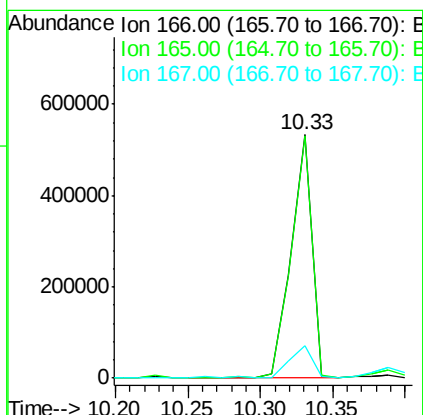
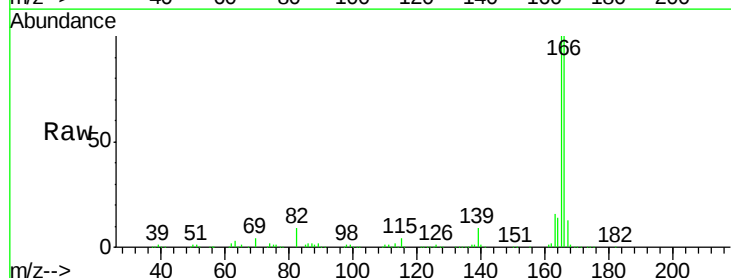
Instrument :
BNA_F
ClientSampleID :
SS-9

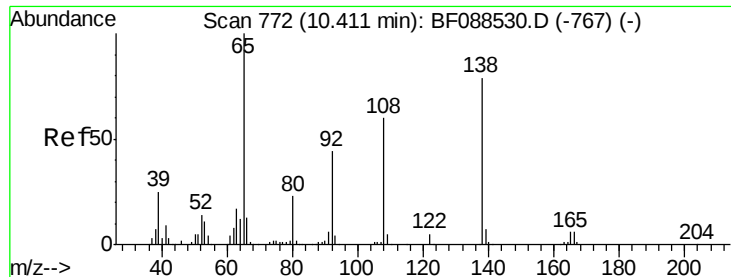
Tgt Ion:165 Resp: 7552
Ion Ratio Lower Upper
165 100
63 20.2 22.0 33.0#
89 7.4 41.1 61.7#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: 61.08 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:166 Resp: 533833
Ion Ratio Lower Upper
166 100
165 99.6 77.8 116.8
167 13.3 11.2 16.8

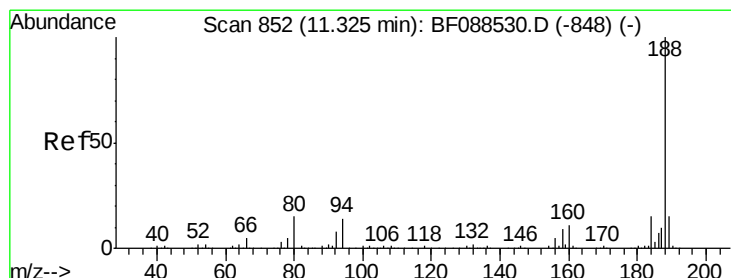
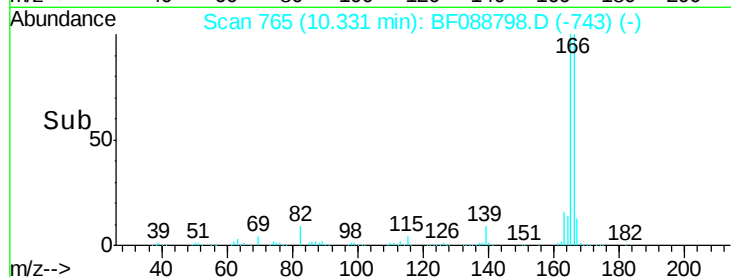
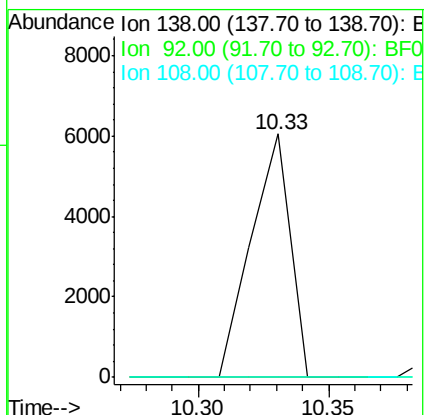
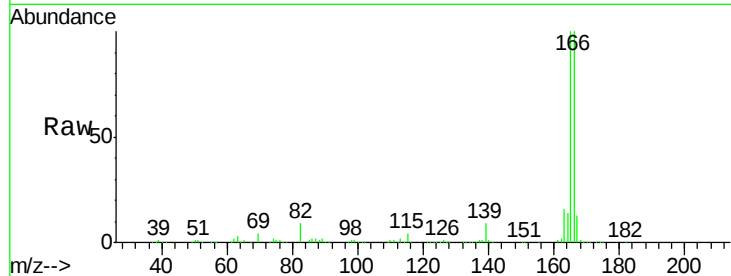




#61
4-Nitroaniline
Concen: 2.41 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

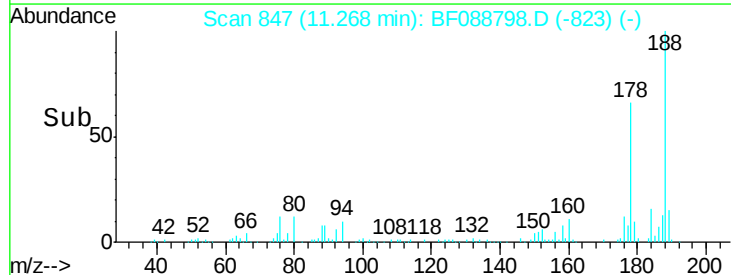
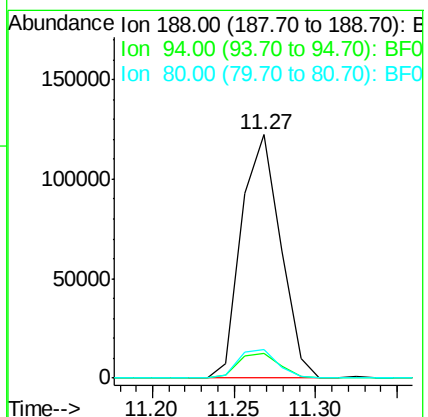
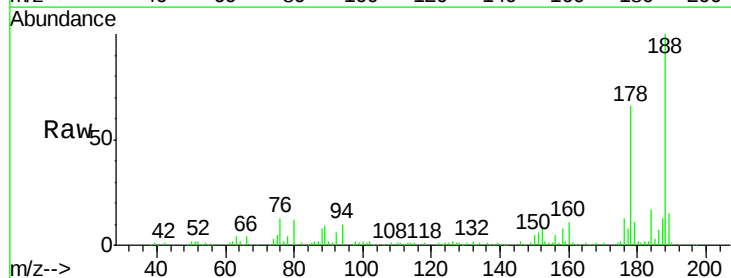
Instrument :
BNA_F
ClientSampleId :
SS-9

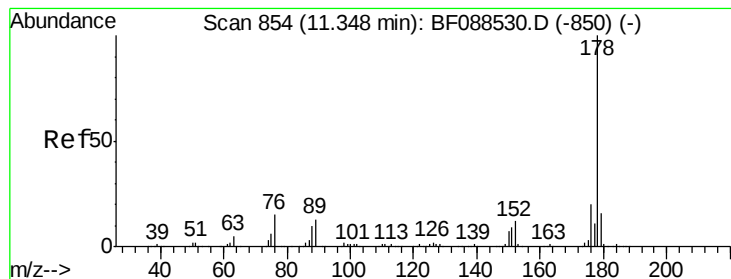
Tgt Ion:138 Resp: 6361
Ion Ratio Lower Upper
138 100
92 0.0 27.3 67.3#
108 0.0 46.7 86.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:188 Resp: 203692
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.6
80 11.6 10.0 15.0





#70

Phenanthrene

Concen: 373.70 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampled :

SS-9

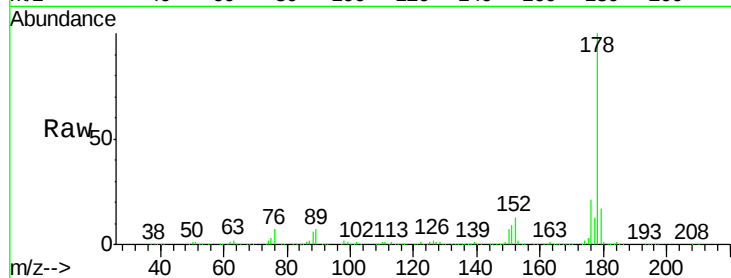
Tgt Ion:178 Resp: 4161045

Ion Ratio Lower Upper

178 100

176 21.2 15.8 23.6

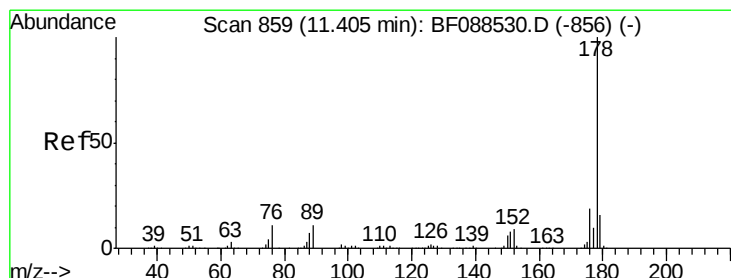
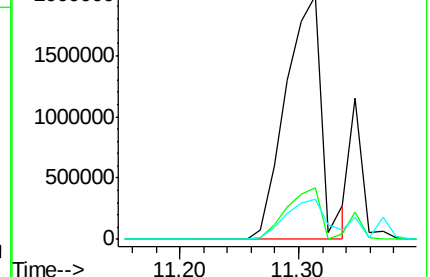
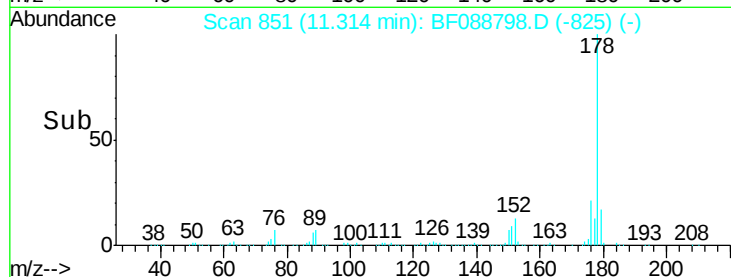
179 16.6 13.0 19.4



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: 78.80 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

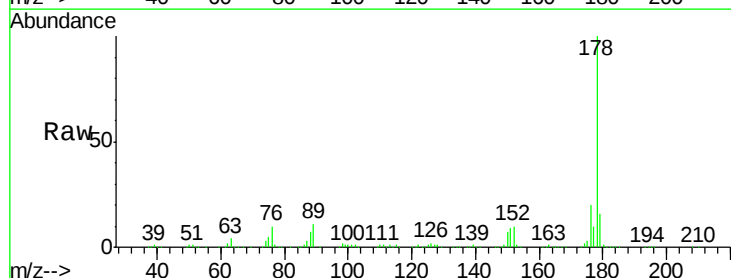
Tgt Ion:178 Resp: 872481

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

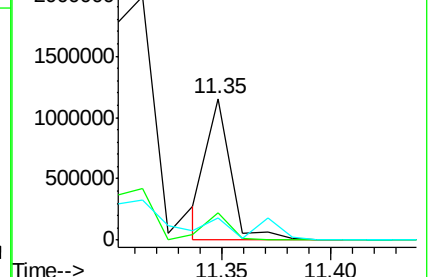
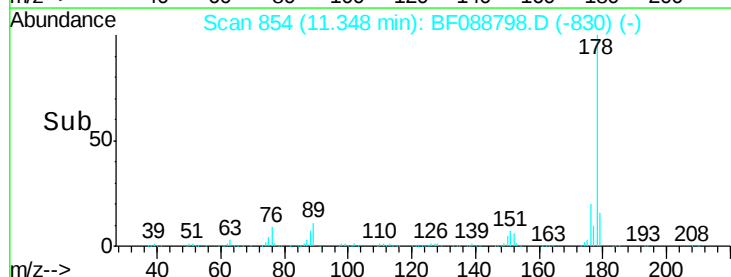
179 16.1 12.8 19.2

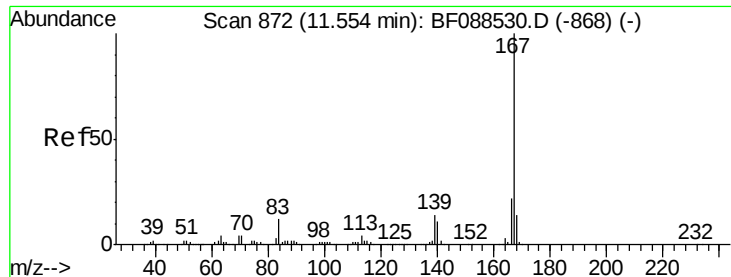


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 72.64 ng

RT: 11.50 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampled :

SS-9

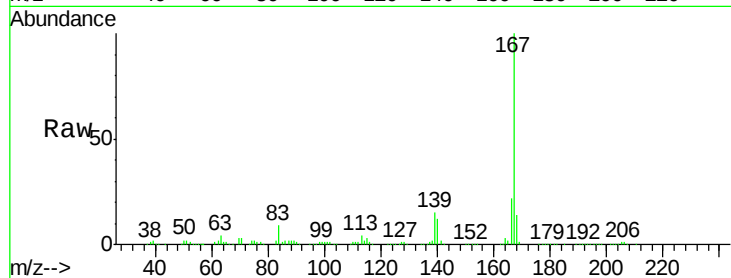
Tgt Ion:167 Resp: 756943

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

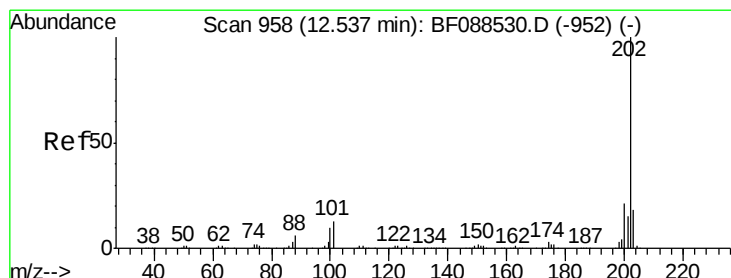
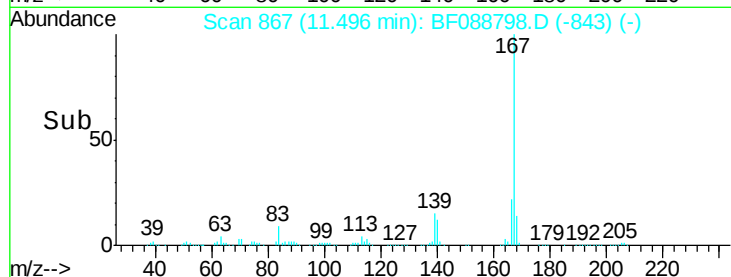
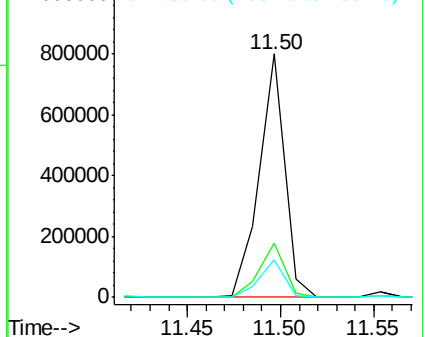
139 15.2 11.2 16.8



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: 442.05 ng

RT: 12.50 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

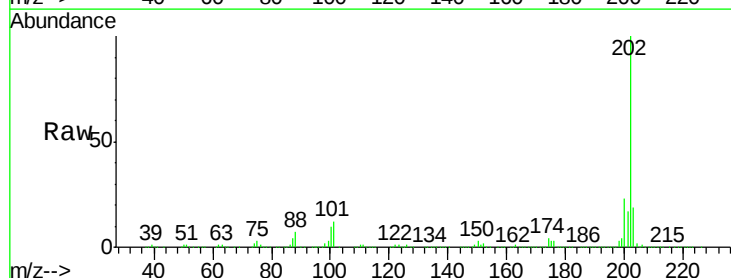
Tgt Ion:202 Resp: 4989867

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.1

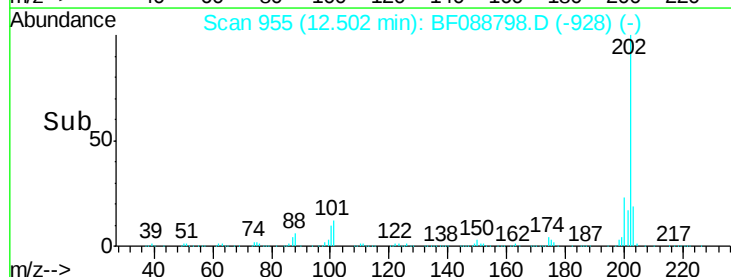
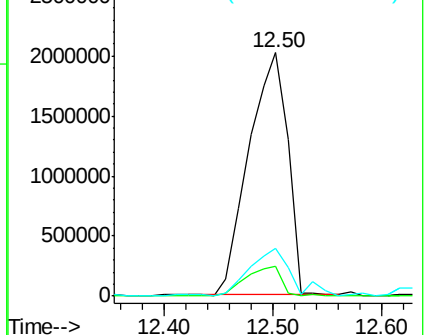
203 19.4 0.0 38.1

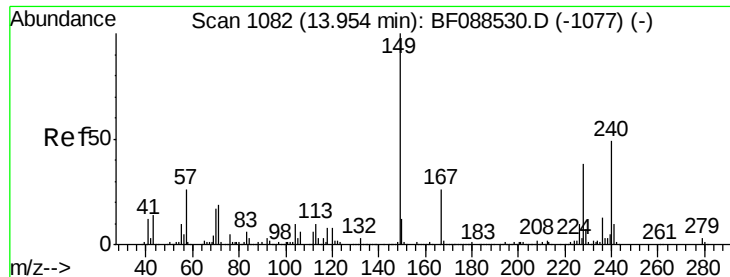


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampleId :

SS-9

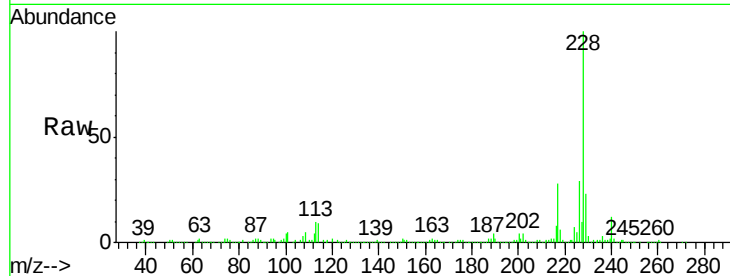
Tgt Ion:240 Resp: 140136

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

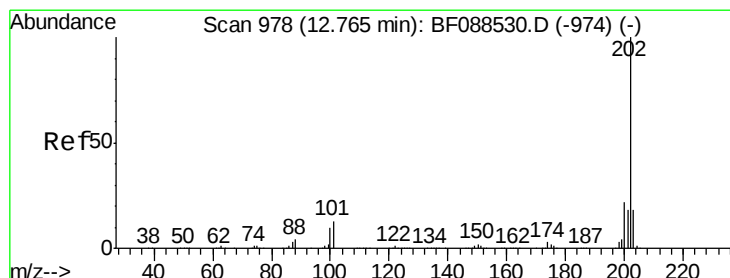
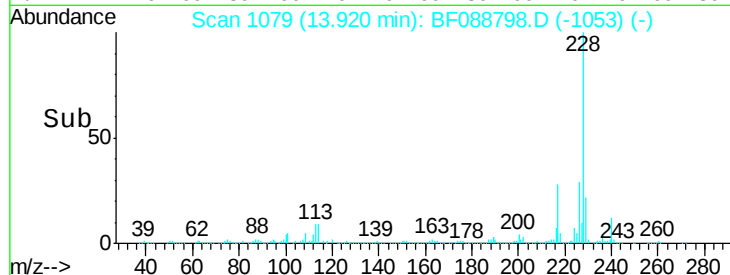
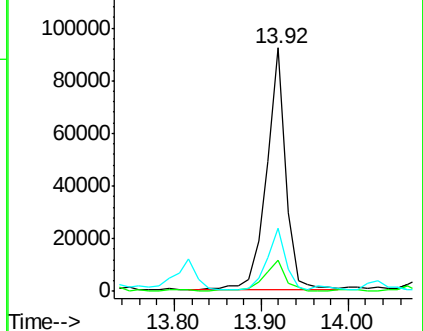
236 26.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 422.08 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.22 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

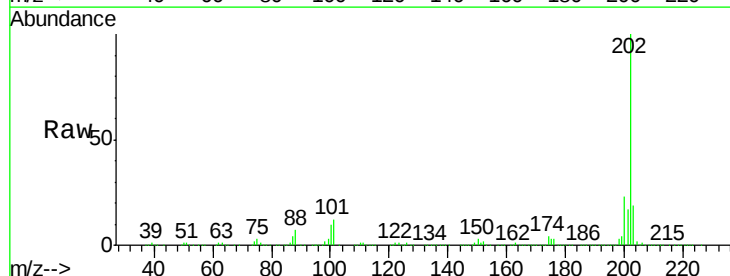
Tgt Ion:202 Resp: 5015135

Ion Ratio Lower Upper

202 100

200 23.0 17.4 26.2

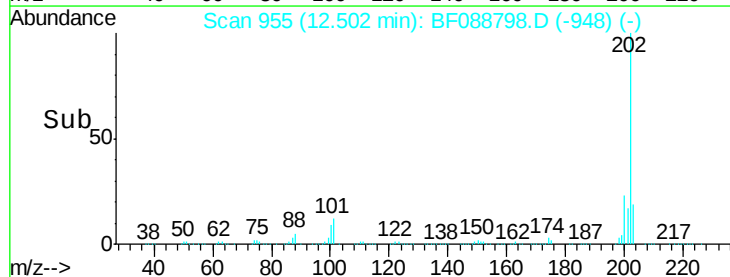
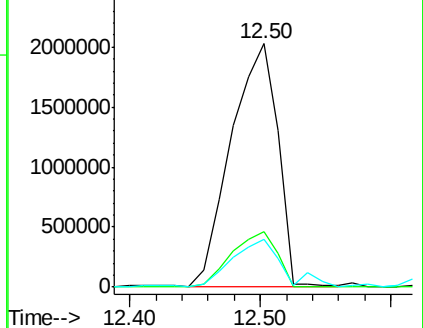
203 19.4 14.5 21.7

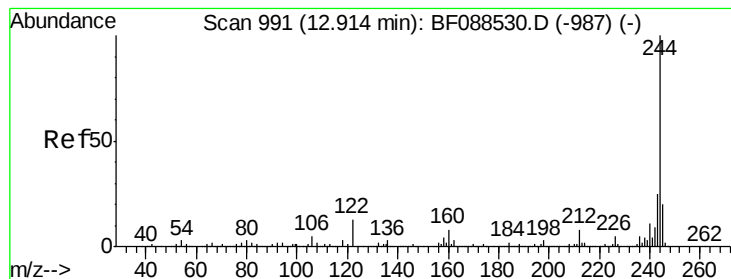


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 4.37 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampleId :

SS-9

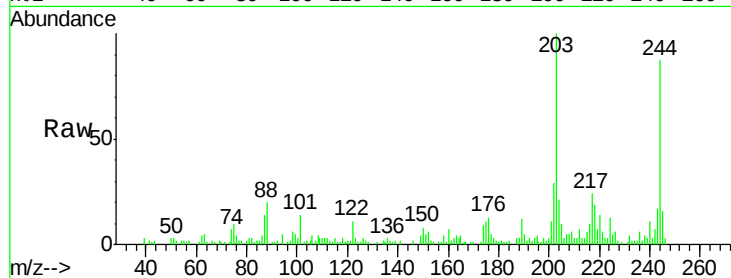
Tgt Ion:244 Resp: 27490

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

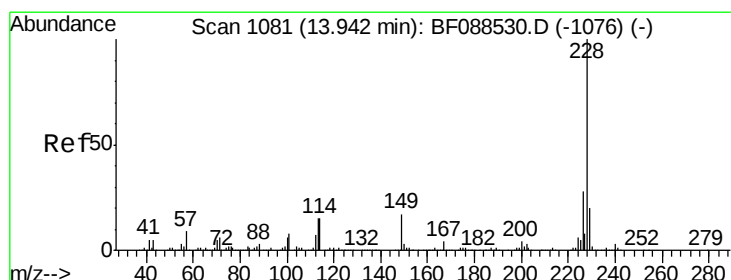
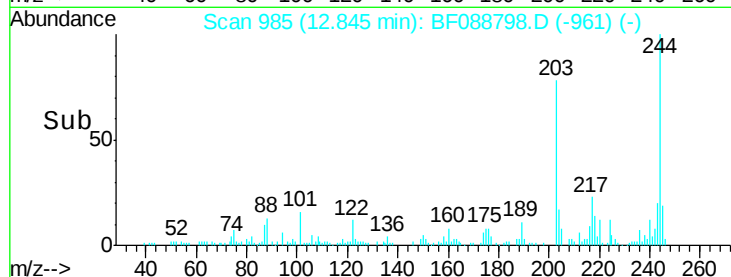
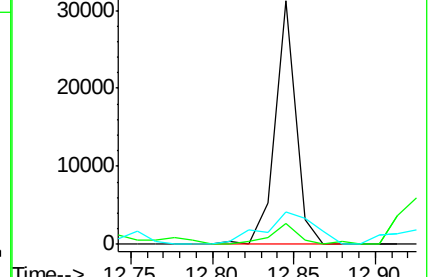
122 13.1 11.2 16.8



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: 346.89 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

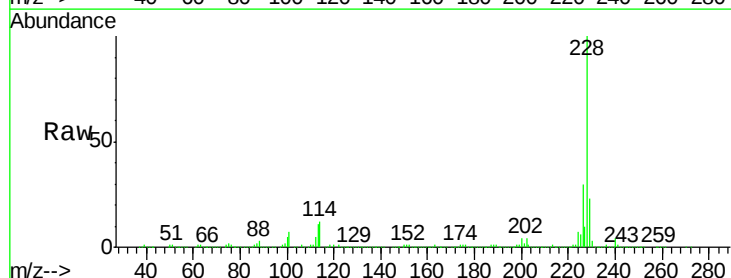
Tgt Ion:228 Resp: 3130205

Ion Ratio Lower Upper

228 100

226 29.8 22.3 33.5

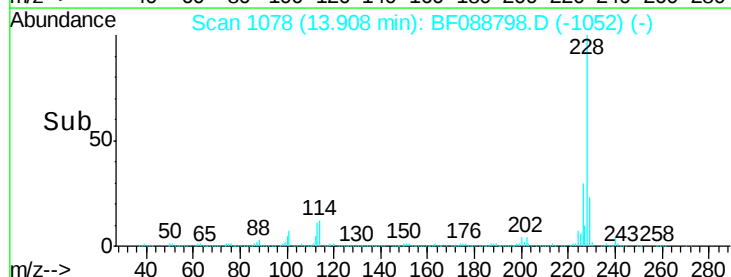
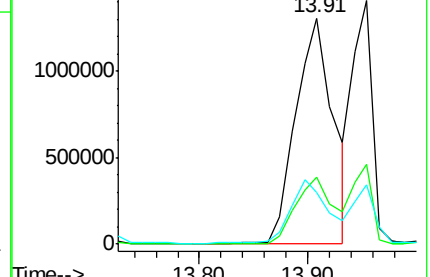
229 22.8 16.0 24.0

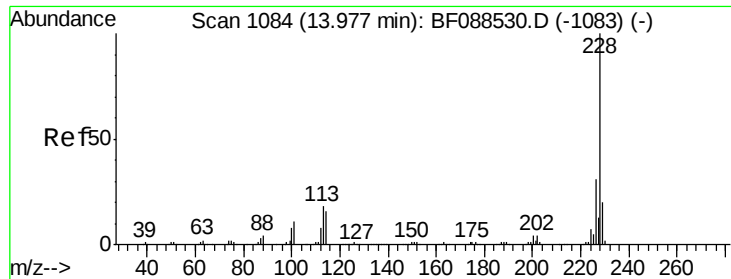


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 199.53 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampleId :

SS-9

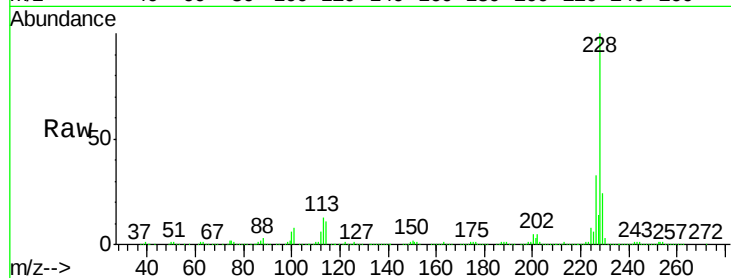
Tgt Ion:228 Resp: 1781299

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.2

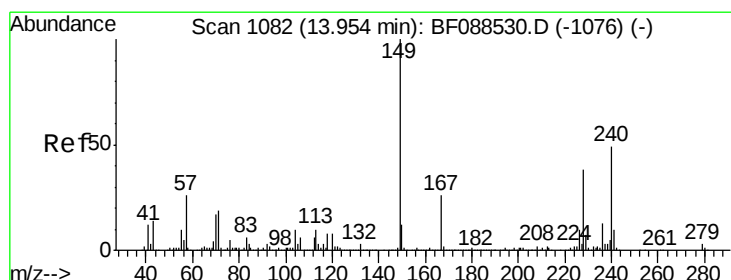
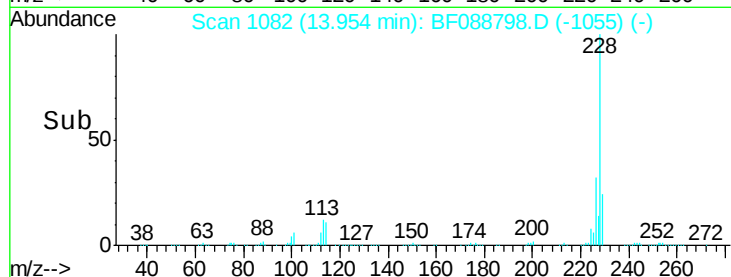
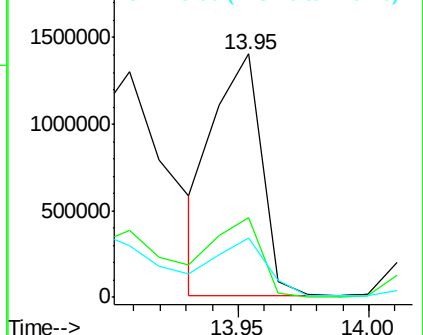
229 24.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.32 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

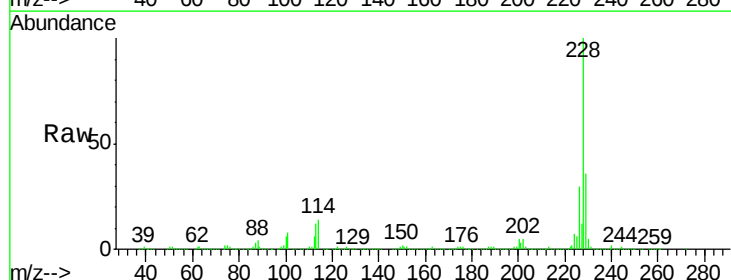
Tgt Ion:149 Resp: 14039

Ion Ratio Lower Upper

149 100

167 11.4 20.5 30.7#

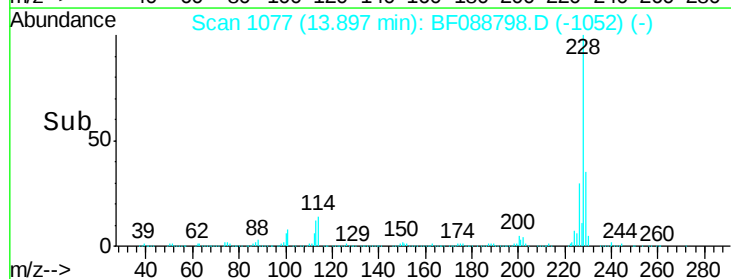
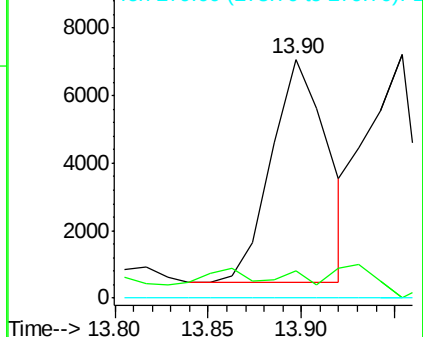
279 0.0 2.0 3.0#

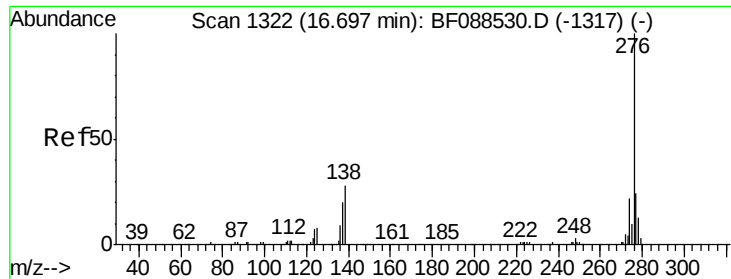


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

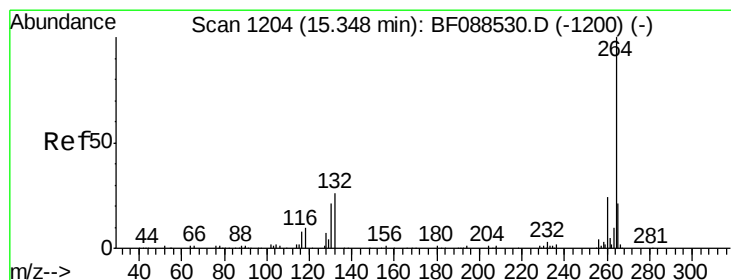
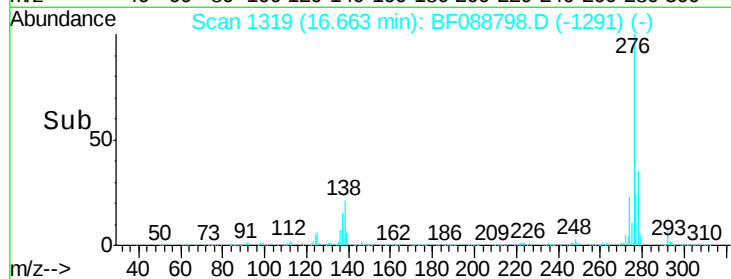
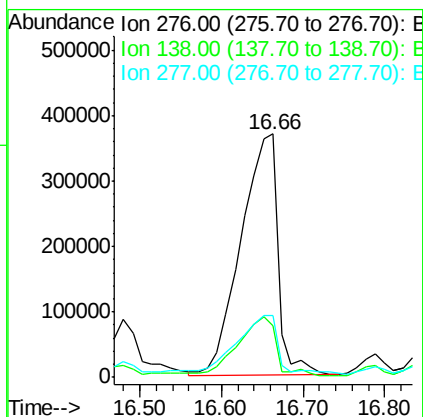
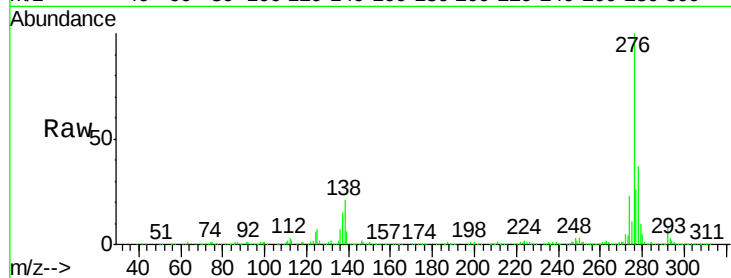




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 169.68 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. 0.02 min
 Lab File: BF088798.D
 Acq: 8 Jul 2016 00:34

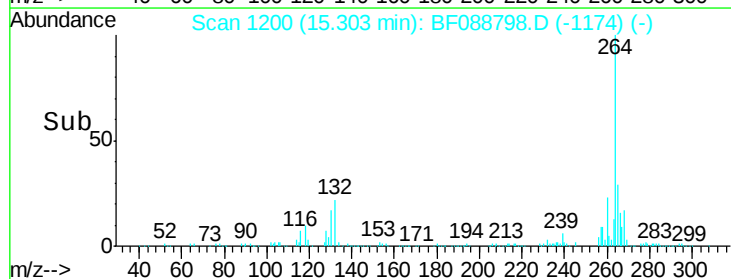
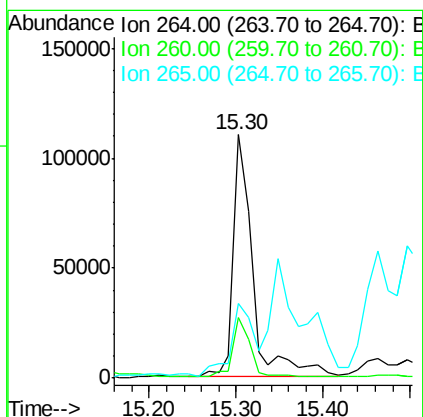
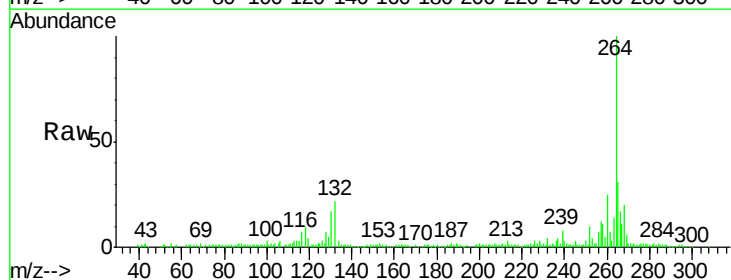
Instrument :
 BNA_F
 ClientSampleId :
 SS-9

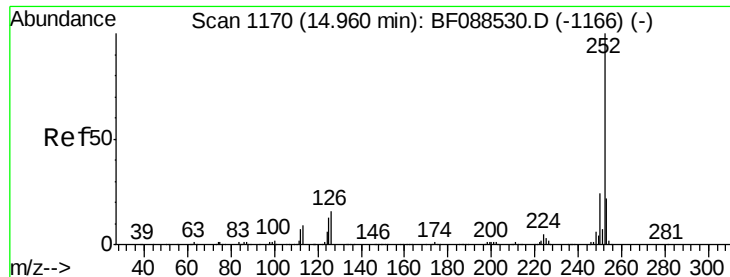
Tgt Ion:276 Resp: 1165480
 Ion Ratio Lower Upper
 276 100
 138 25.7 0.0 0.0#
 277 28.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF088798.D
 Acq: 8 Jul 2016 00:34

Tgt Ion:264 Resp: 170703
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 30.5 16.9 25.3#





#87

Benzo(b)fluoranthene

Concen: 359.68 ng

RT: 14.94 min Scan# 1168

Delta R.T. 0.02 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampleId :

SS-9

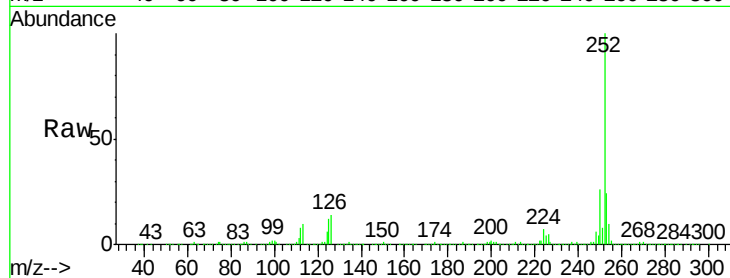
Tgt Ion:252 Resp: 3851525

Ion Ratio Lower Upper

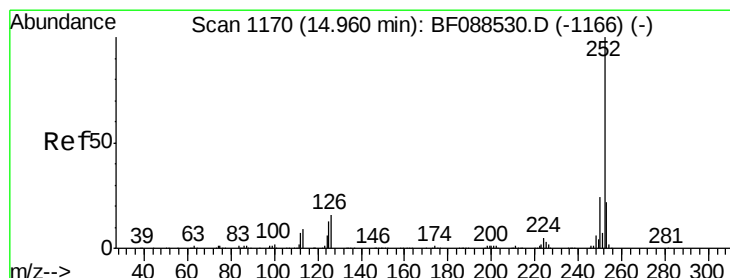
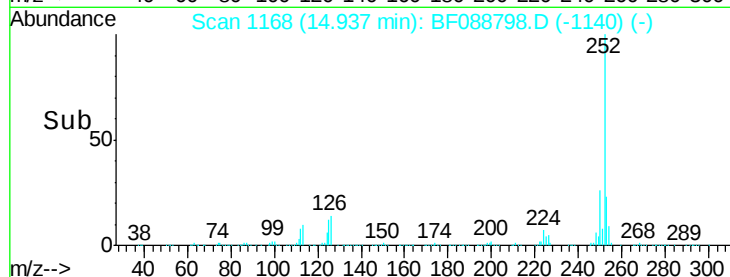
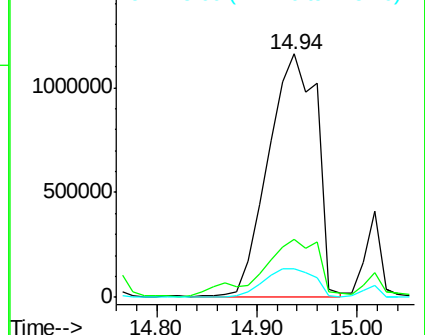
252 100

253 23.9 17.4 26.2

125 11.9 7.1 10.7#



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



#88

Benzo(k)fluoranthene

Concen: 413.16 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

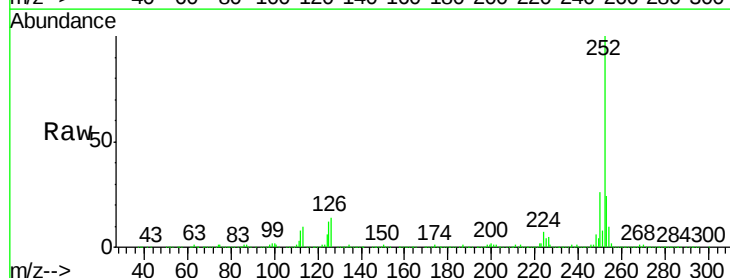
Tgt Ion:252 Resp: 3851525

Ion Ratio Lower Upper

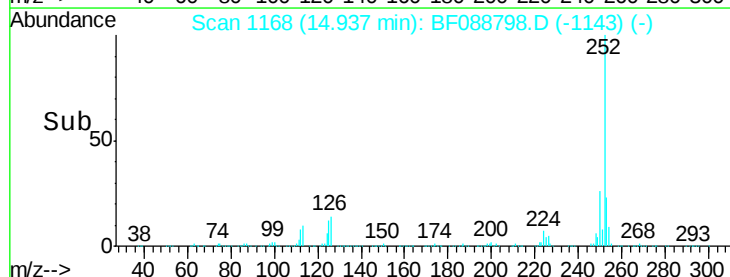
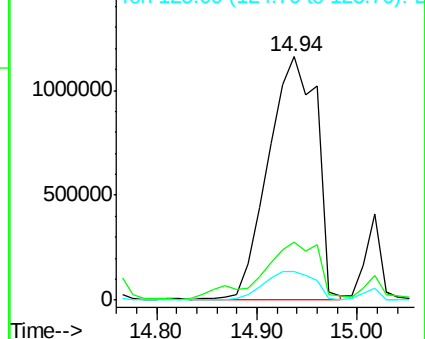
252 100

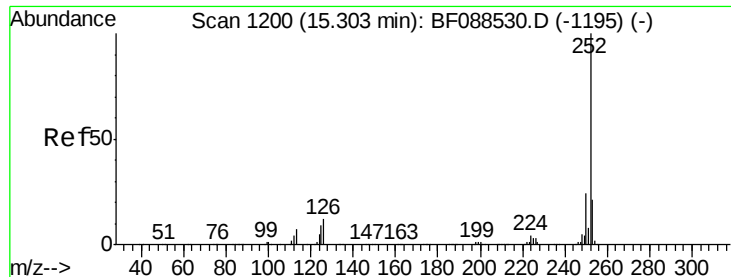
253 23.9 18.0 27.0

125 11.9 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 189.00 ng

RT: 15.27 min Scan# 1197

Delta R.T. 0.02 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampleId :

SS-9

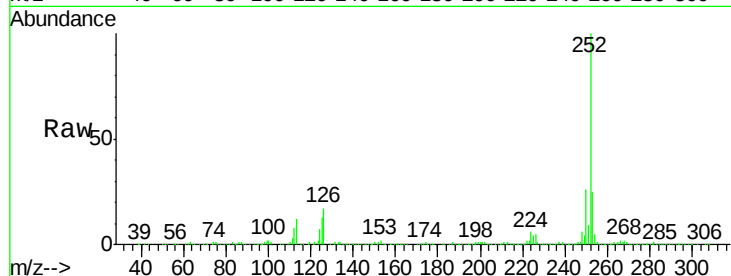
Tgt Ion:252 Resp: 1713560

Ion Ratio Lower Upper

252 100

253 25.4 17.9 26.9

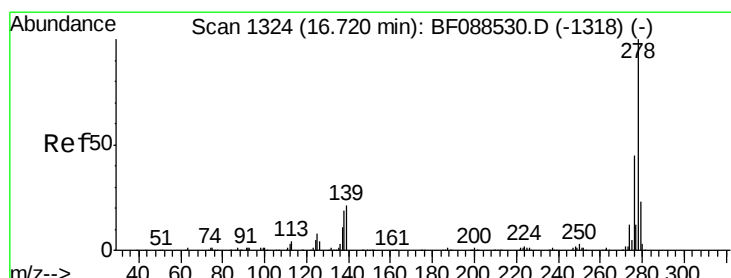
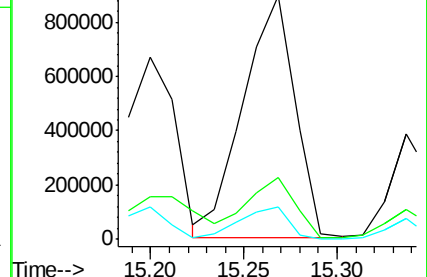
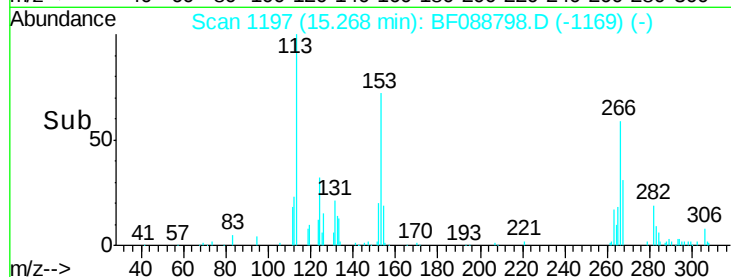
125 13.4 12.5 18.7



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



#90

Dibenzo(a,h)anthracene

Concen: 53.28 ng

RT: 16.66 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

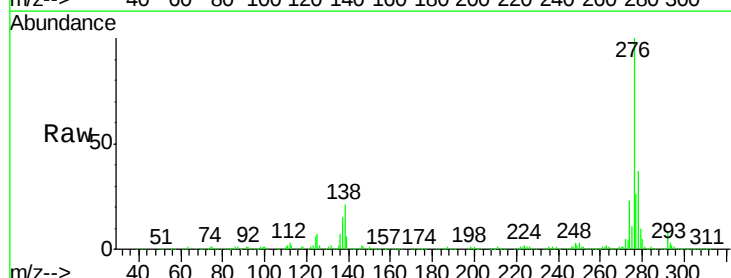
Tgt Ion:278 Resp: 403379

Ion Ratio Lower Upper

278 100

139 16.8 15.7 23.5

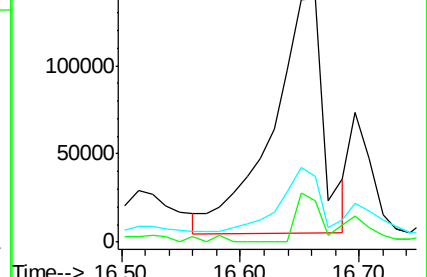
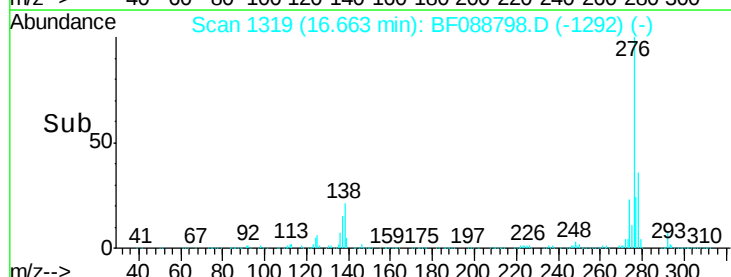
279 27.0 19.4 29.2

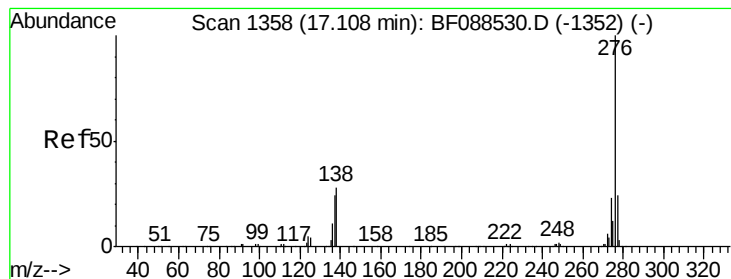


Abundance Ion 278.00 (277.70 to 278.70): E

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: 125.56 ng

RT: 17.06 min Scan# 1354

Delta R.T. 0.02 min

Lab File: BF088798.D

Acq: 8 Jul 2016 00:34

Instrument :

BNA_F

ClientSampleId :

SS-9

Tgt Ion:276 Resp: 983659

Ion Ratio Lower Upper

276 100

277 25.2 18.9 28.3

138 23.6 21.4 32.2

