

Data Path : Z:\HPCHEM1\BNA_F\Data\BF051716\
 Data File : BF087138.D
 Acq On : 18 May 2016 8:33
 Operator : UM/SJ
 Sample : H2994-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1767-00(0-2)RE

Quant Time: May 18 13:14:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	143139	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	563645	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	251105	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	387406	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	257848	20.00	ng	-0.02
86) Perylene-d12	15.11	264	308951	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	774077	90.90	ng	-0.01
7) Phenol-d6	6.26	99	1049500	91.89	ng	-0.02
23) Nitrobenzene-d5	7.16	82	688882	60.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	208840	75.26	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	923176	60.89	ng	-0.02
78) Terphenyl-d14	12.70	244	582080	51.07	ng	-0.01

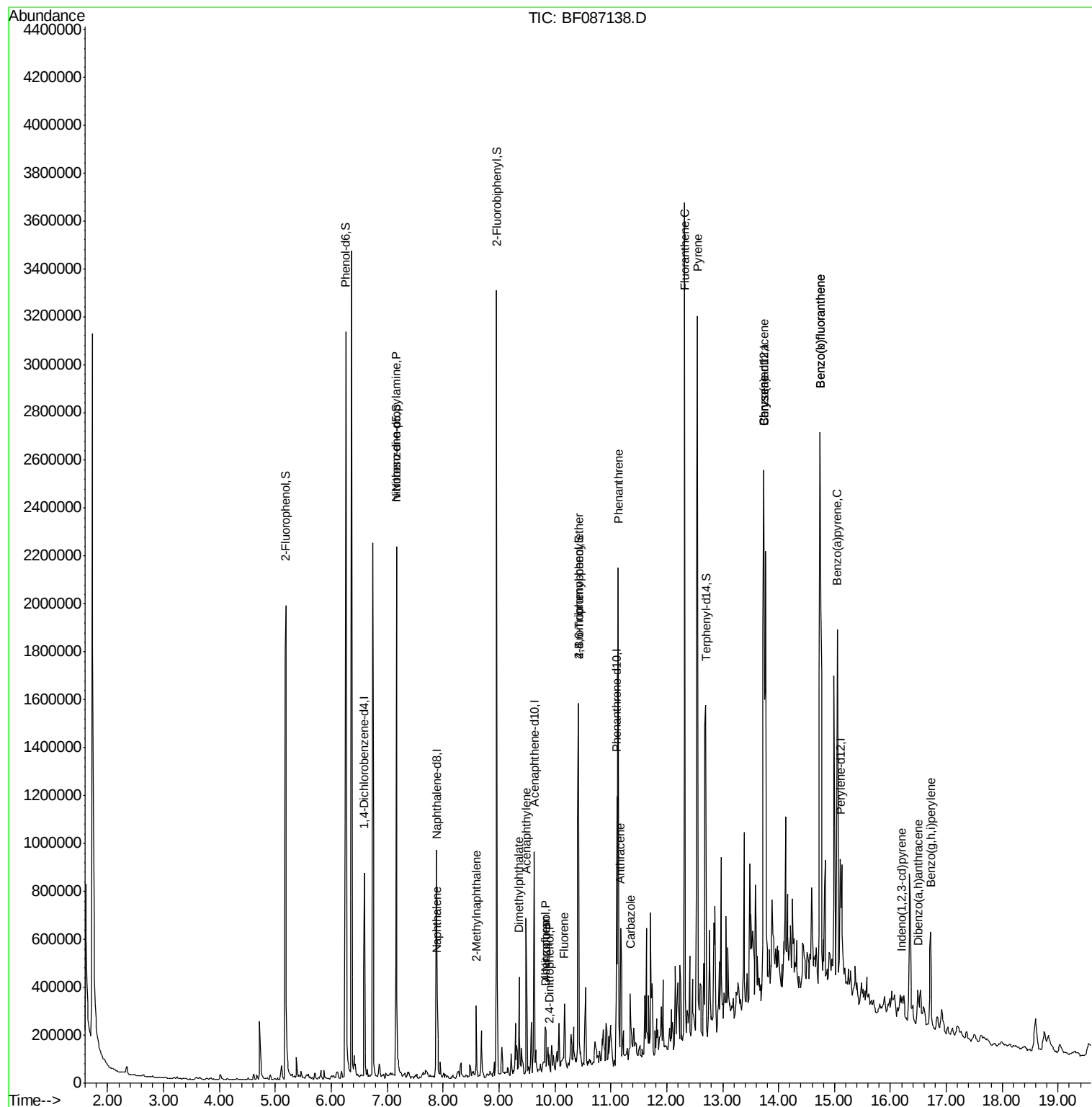
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.10	77	780	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	96559	11.12	ng	73
31) Naphthalene	7.90	128	146101	5.30	ng	98
37) 2-Methylnaphthalene	8.59	142	79607	4.52	ng	98
48) Acenaphthylene	9.48	152	316382	12.96	ng	97
49) Dimethylphthalate	9.36	163	104176	5.44	ng	99
53) 2,4-Dinitrophenol	9.91	184	217	4.82	ng	# 1
54) Dibenzofuran	9.84	168	70923	3.60	ng	# 94
55) 4-Nitrophenol	9.83	139	29949	19.03	ng	# 19
57) Fluorene	10.17	166	74735	4.72	ng	# 97
66) 4-Bromophenyl-phenylether	10.42	248	12725	3.19	ng	# 1
70) Phenanthrene	11.13	178	688819	32.78	ng	99
71) Anthracene	11.18	178	306889	14.44	ng	98
72) Carbazole	11.35	167	101878	5.25	ng	99
74) Fluoranthene	12.32	202	1368653	65.01	ng	96
77) Pyrene	12.55	202	1409442	75.66	ng	100
80) Benzo(a)anthracene	13.74	228	975646	65.44	ng	# 92
82) Chrysene	13.74	228	975646	67.64	ng	94
85) Indeno(1,2,3-cd)pyrene	16.21	276	82776	6.54	ng	92
87) Benzo(b)fluoranthene	14.74	252	1732138	84.51	ng	96
88) Benzo(k)fluoranthene	14.74	252	1732138	113.52	ng	99
89) Benzo(a)pyrene	15.05	252	669395	39.07	ng	96
90) Dibenzo(a,h)anthracene	16.49	278	78239	5.42	ng	94
91) Benzo(g,h,i)perylene	16.72	276	291640	20.02	ng	# 92

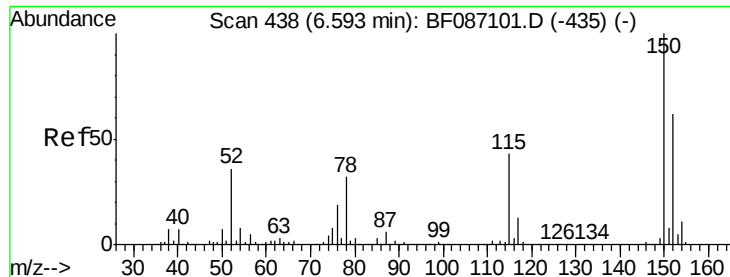
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)RE

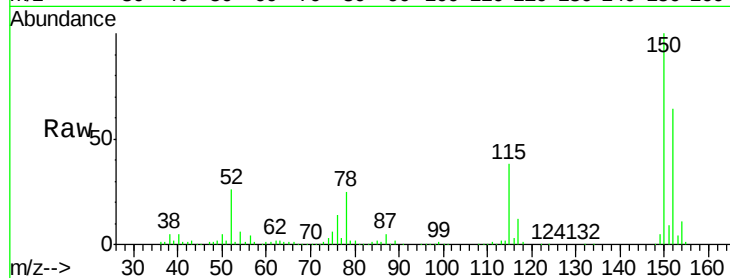
Tgt Ion:152 Resp: 143139

Ion Ratio Lower Upper

152 100

150 156.7 125.8 188.6

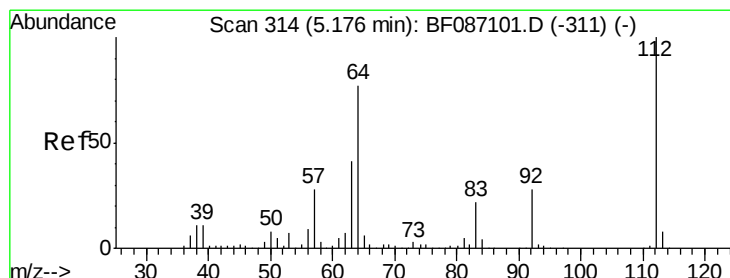
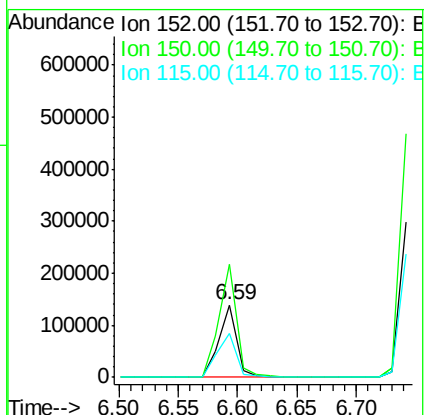
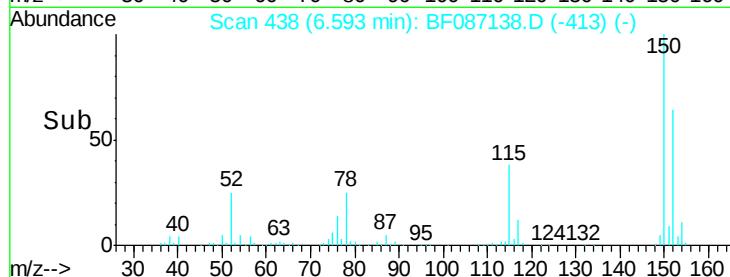
115 60.2 51.5 77.3



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: 90.90 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

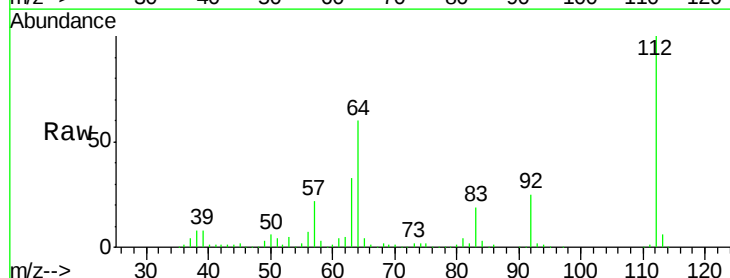
Tgt Ion:112 Resp: 774077

Ion Ratio Lower Upper

112 100

64 60.4 52.1 78.1

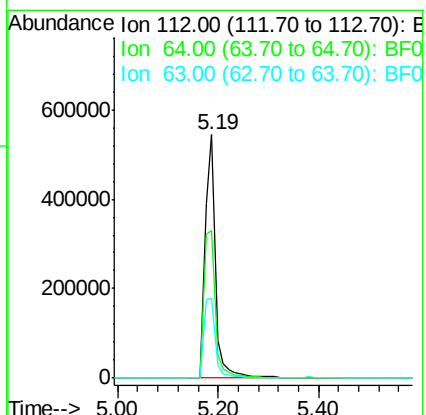
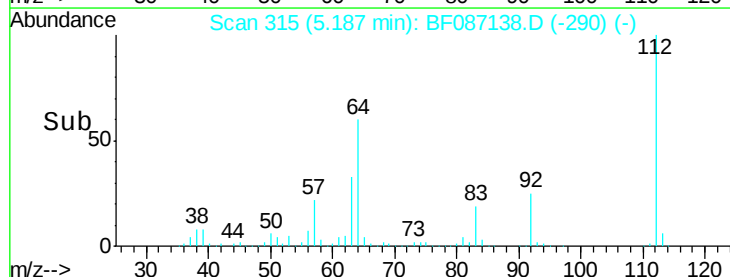
63 32.6 25.7 38.5

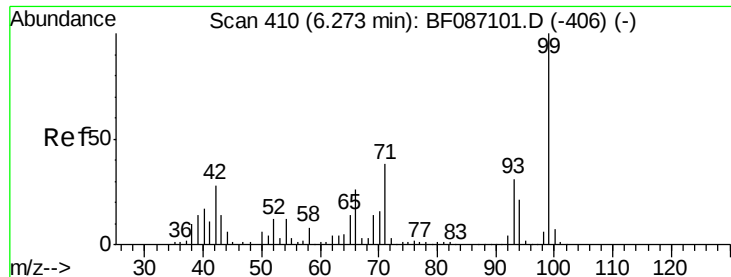


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.89 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Instrument :

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CH-STA-1767-00(0-2)RE

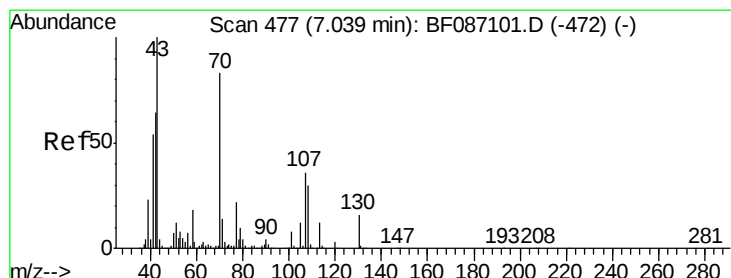
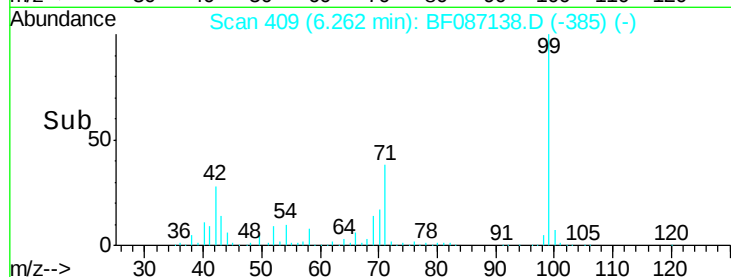
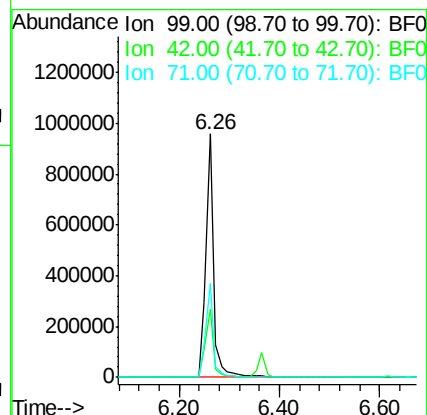
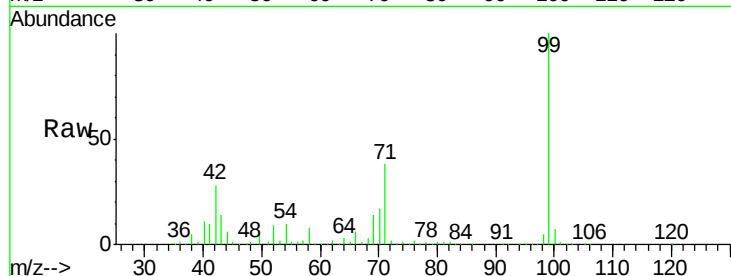
Tgt Ion: 99 Resp: 1049500

Ion Ratio Lower Upper

99 100

42 27.9 13.6 20.4#

71 38.3 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 11.12 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.11 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Tgt Ion: 70 Resp: 96559

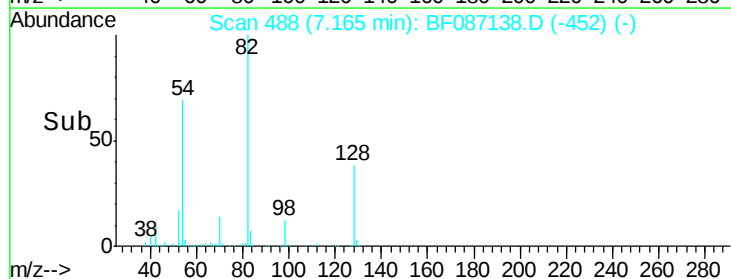
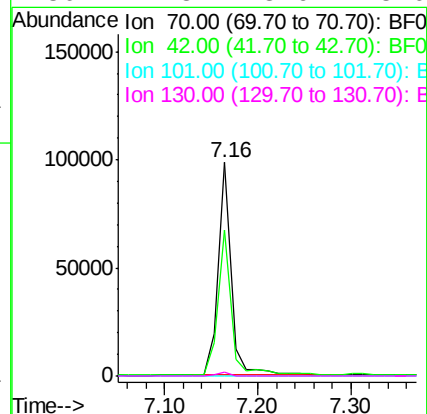
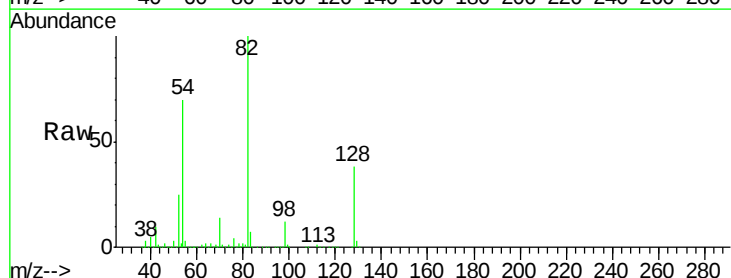
Ion Ratio Lower Upper

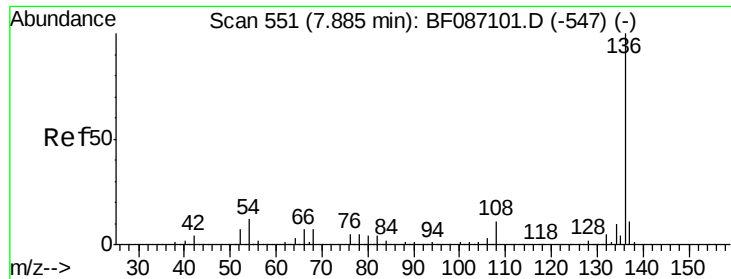
70 100

42 68.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

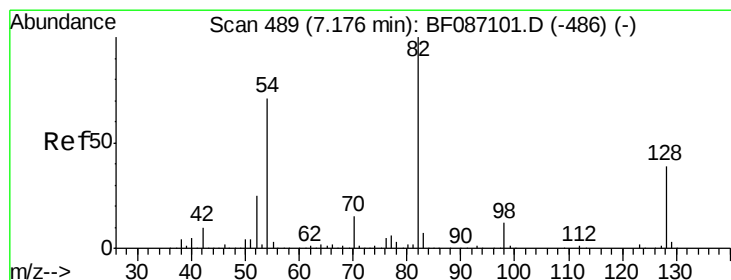
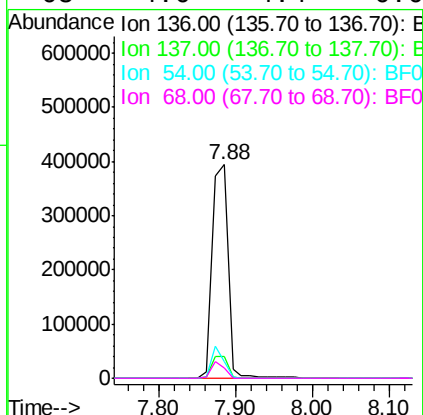
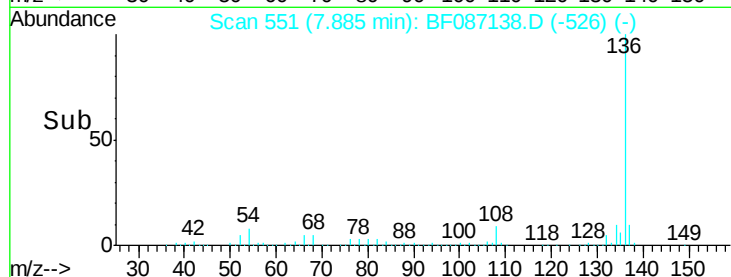
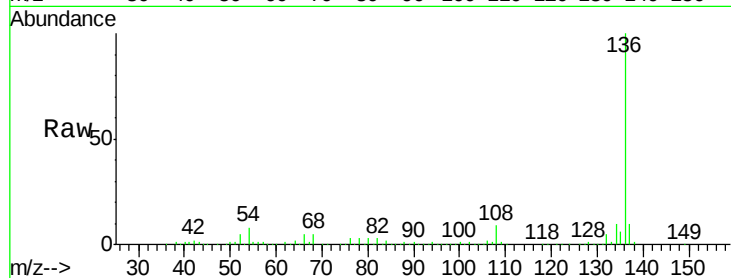




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF087138.D
Acq: 18 May 2016 8:33

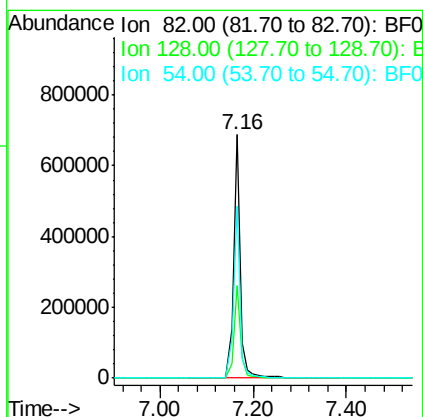
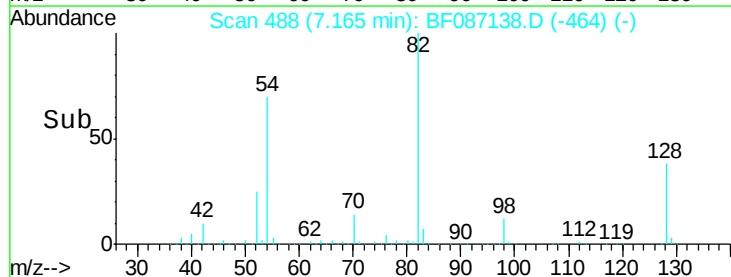
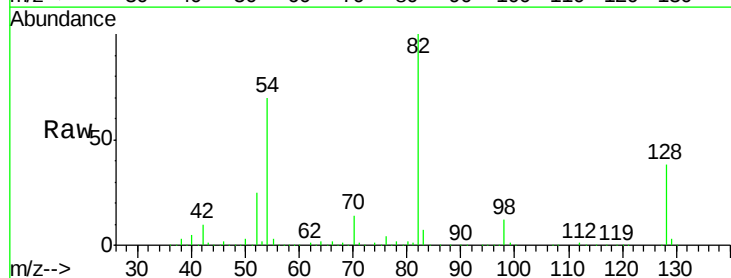
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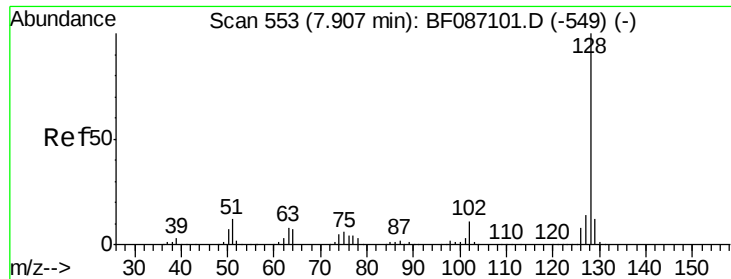
Tgt Ion:	136	Resp:	563645
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.8	13.2
54	7.9	5.0	7.4#
68	4.6	4.4	6.6



#23
Nitrobenzene-d5
Concen: 60.91 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF087138.D
Acq: 18 May 2016 8:33

Tgt Ion:	82	Resp:	688882
Ion Ratio	Lower	Upper	
82	100		
128	38.1	40.6	61.0#
54	70.4	38.1	57.1#

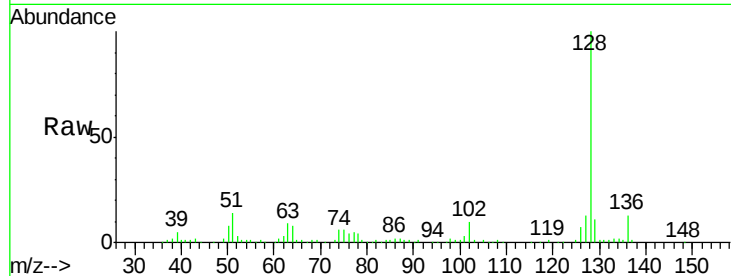




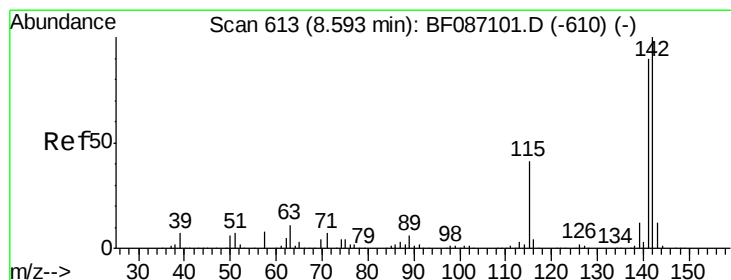
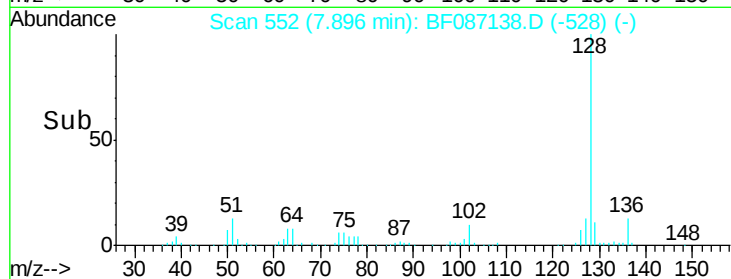
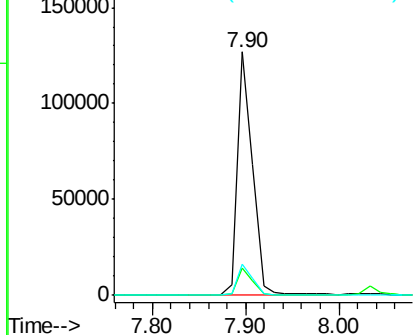
#31
Naphthalene
Concen: 5.30 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF087138.D
Acq: 18 May 2016 8:33

Instrument :
BNA_F
ClientSampleId :
CH-STA-1767-00(0-2)RE

Tgt Ion:128 Resp: 146101
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 12.6 10.8 16.2

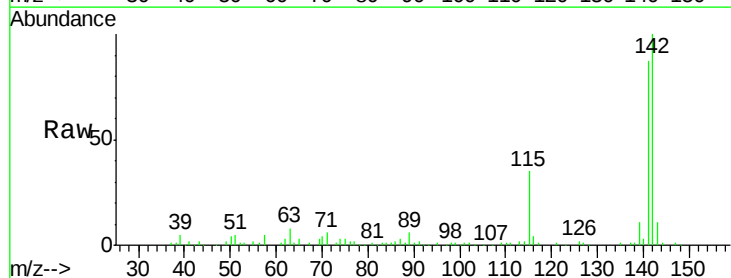


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

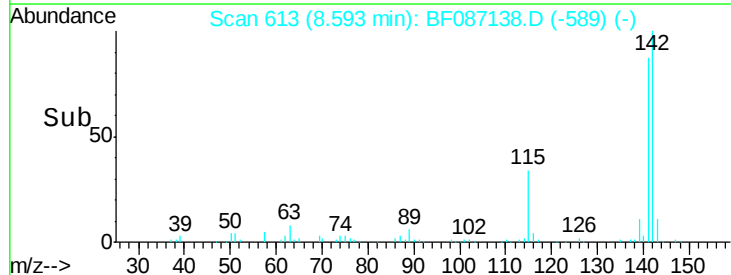
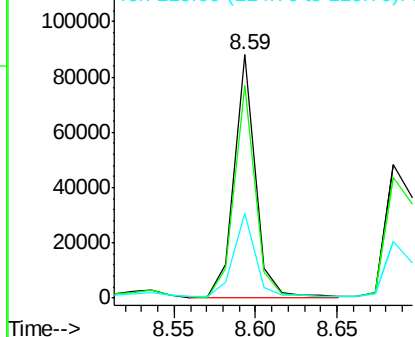


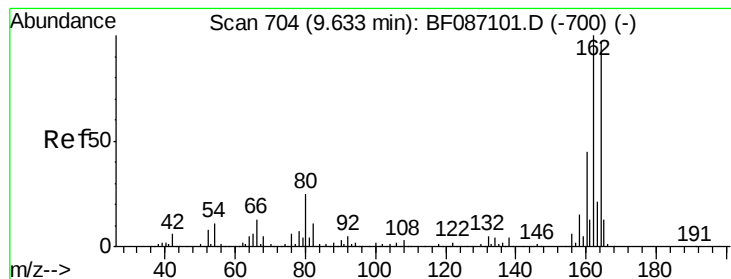
#37
2-Methylnaphthalene
Concen: 4.52 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF087138.D
Acq: 18 May 2016 8:33

Tgt Ion:142 Resp: 79607
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6
115 34.7 26.6 39.8



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: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

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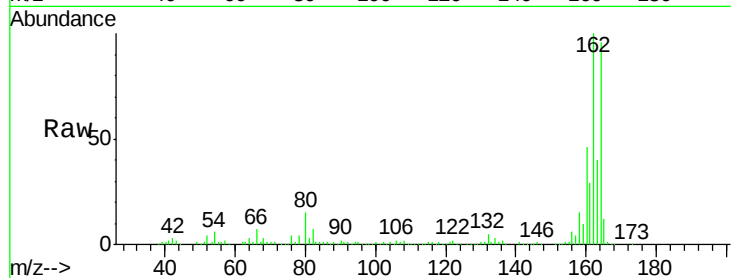
Tgt Ion:164 Resp: 251105

Ion Ratio Lower Upper

164 100

162 103.8 82.8 124.2

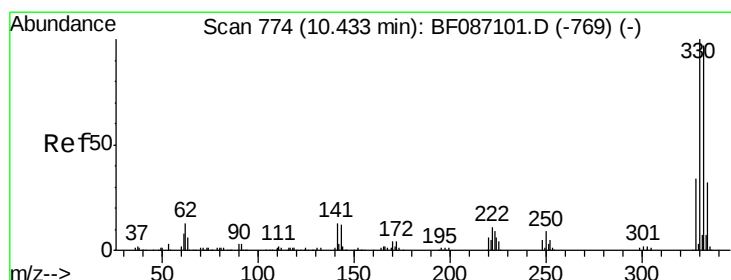
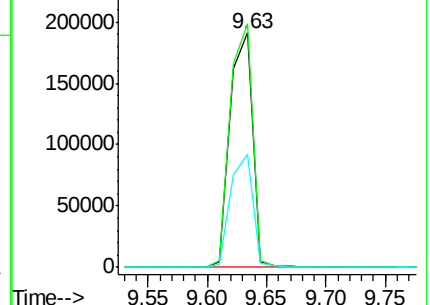
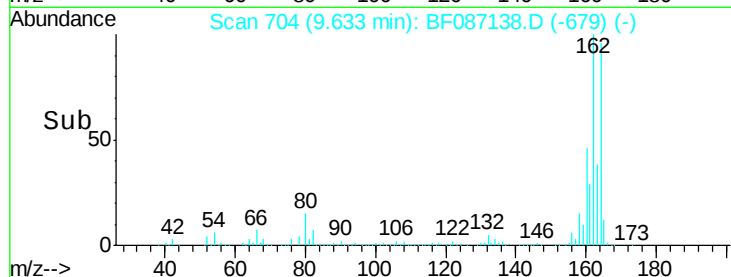
160 48.3 36.9 55.3



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: 75.26 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

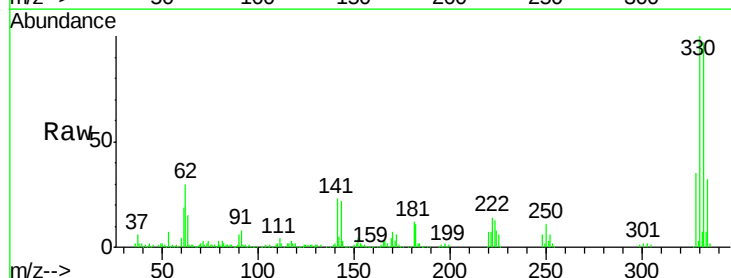
Tgt Ion:330 Resp: 208840

Ion Ratio Lower Upper

330 100

332 96.3 79.0 118.4

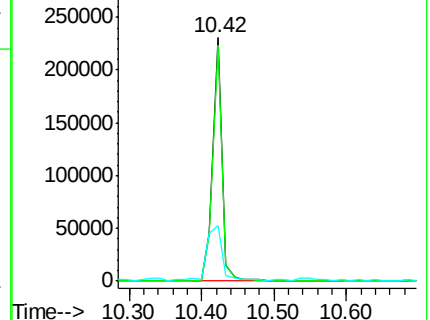
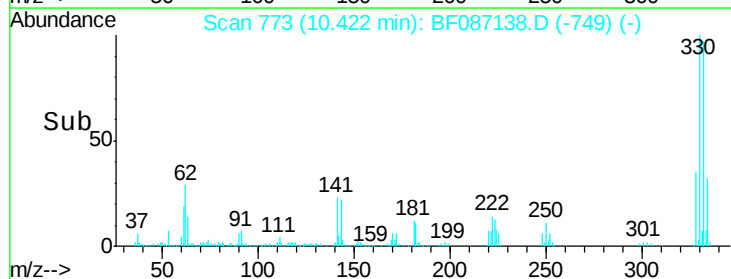
141 37.4 31.2 46.8

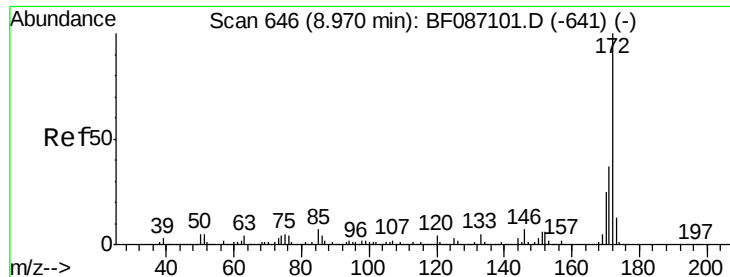


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 60.89 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

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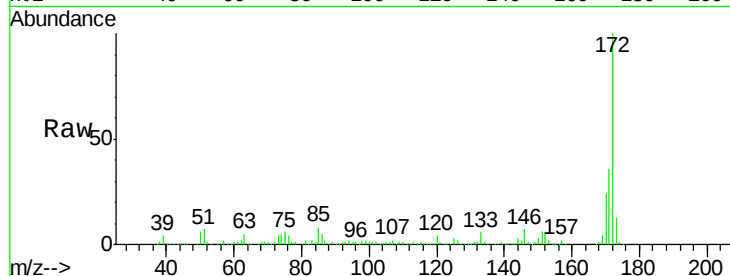
Tgt Ion:172 Resp: 923176

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

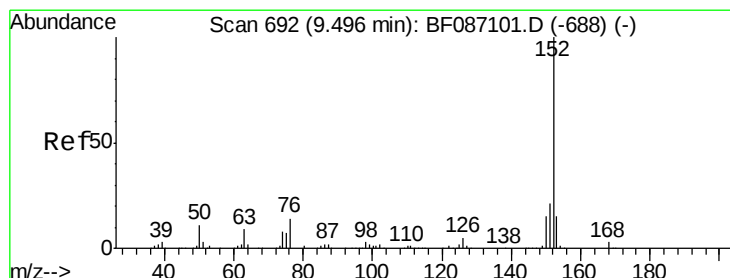
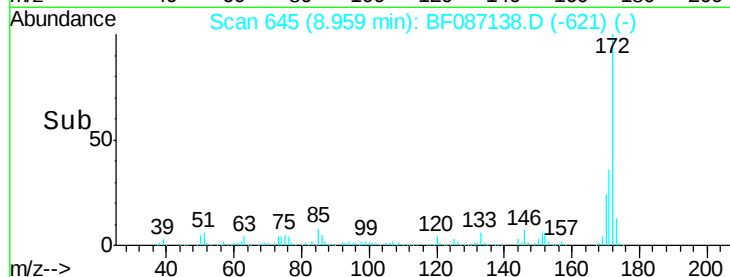
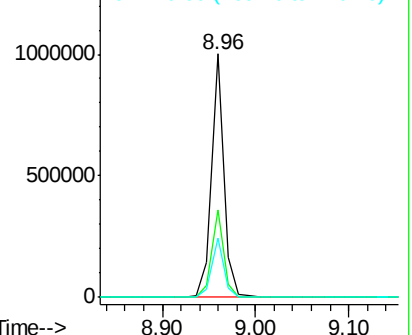
170 24.2 19.8 29.8



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



#48

Acenaphthylene

Concen: 12.96 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

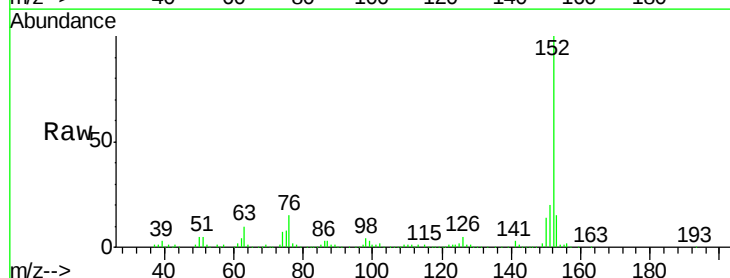
Tgt Ion:152 Resp: 316382

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

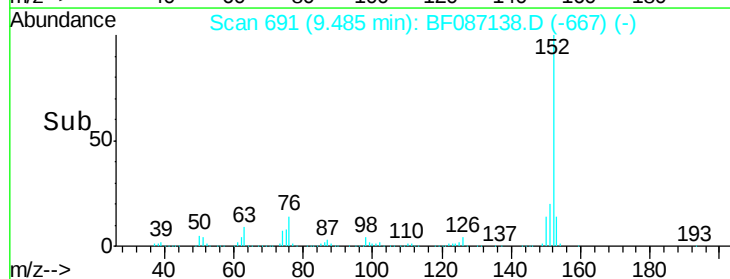
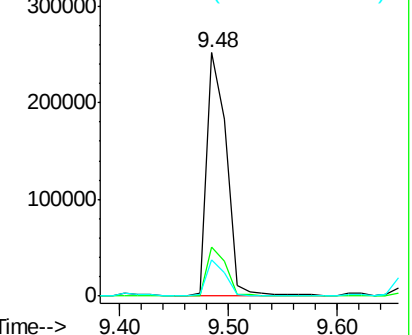
153 14.8 10.9 16.3

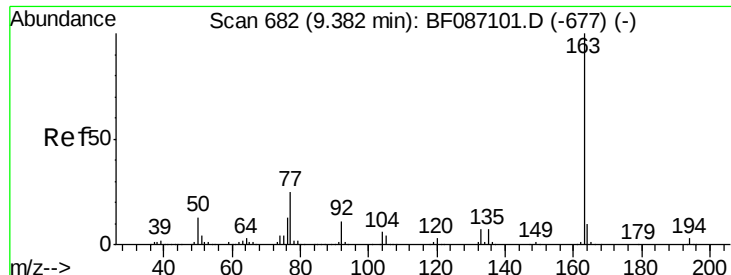


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

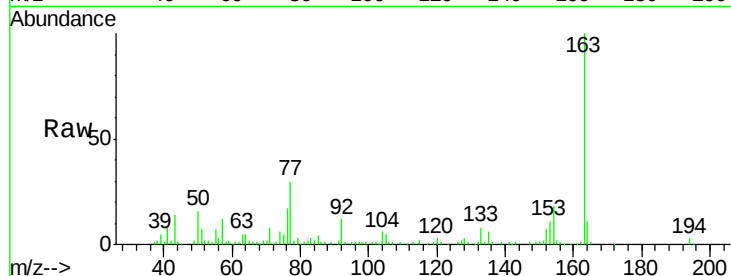




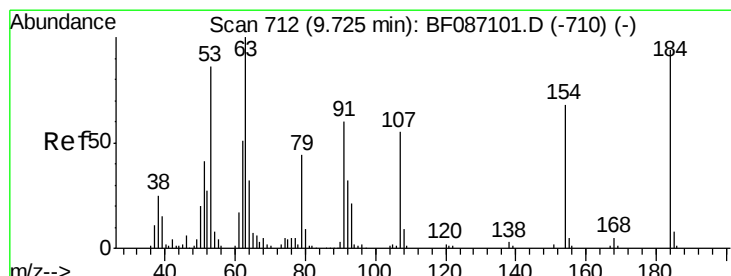
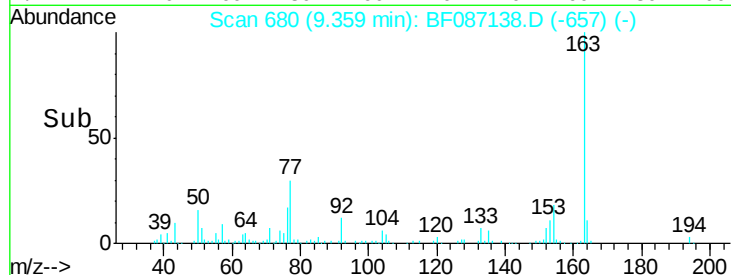
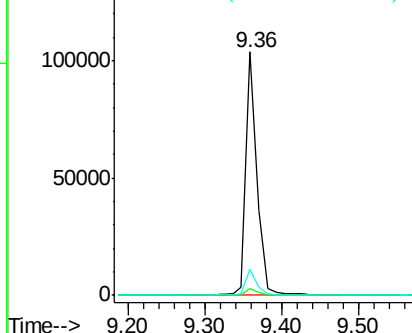
#49
Dimethylphthalate
Concen: 5.44 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087138.D
Acq: 18 May 2016 8:33

Instrument :
BNA_F
ClientSampleId :
CH-STA-1767-00(0-2)RE

Tgt Ion:163 Resp: 104176
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.5 8.2 12.4

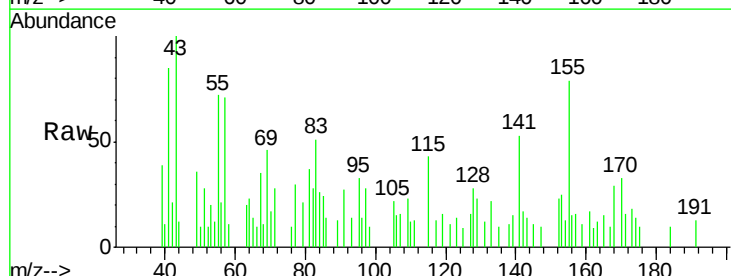


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

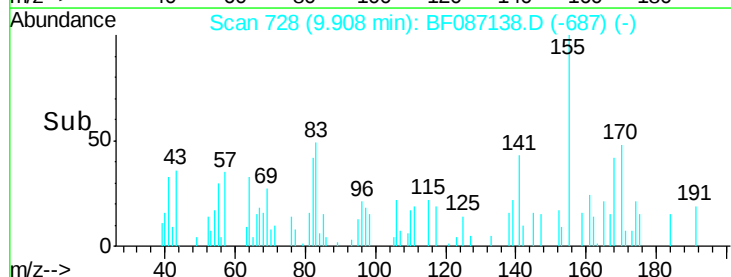
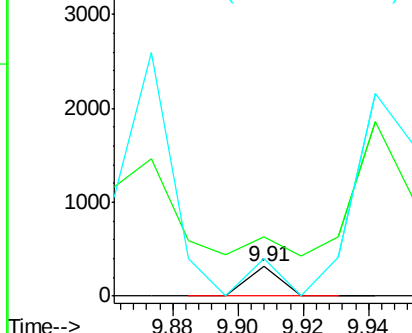


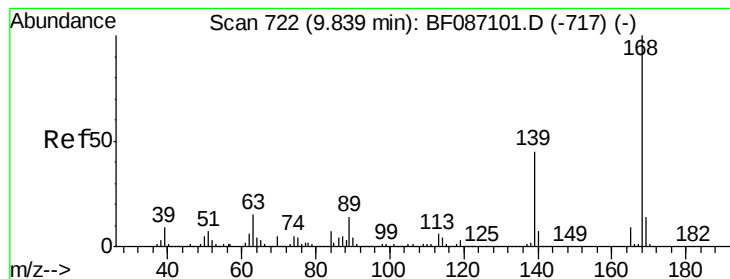
#53
2,4-Dinitrophenol
Concen: 4.82 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.17 min
Lab File: BF087138.D
Acq: 18 May 2016 8:33

Tgt Ion:184 Resp: 217
Ion Ratio Lower Upper
184 100
63 201.3 55.8 83.8#
154 127.4 62.4 93.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 3.60 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

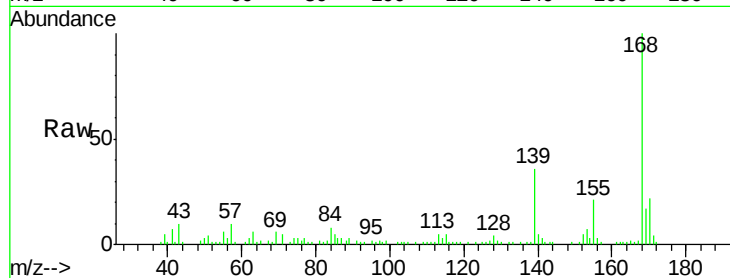
Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)RE

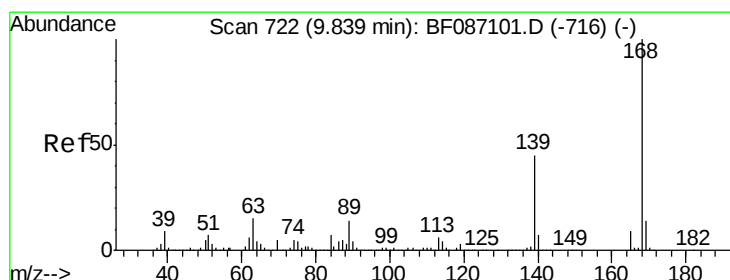
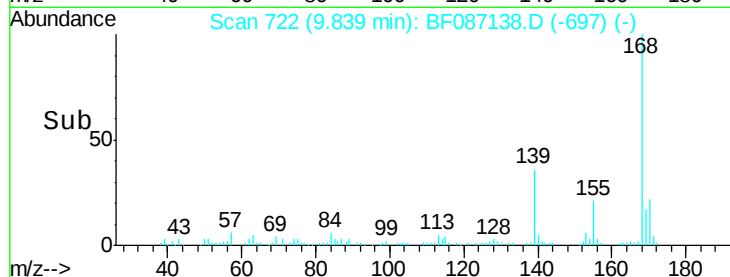
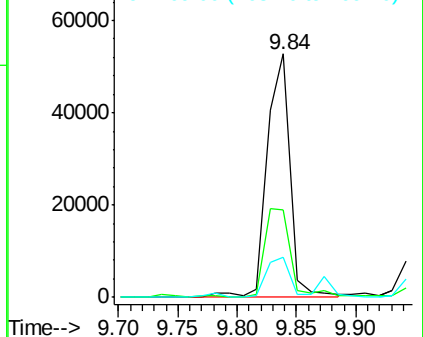
Tgt Ion:	168	Resp:	70923
Ion Ratio	Lower	Upper	
168	100		
139	35.7	31.4	47.0
169	16.7	10.7	16.1#



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: 19.03 ng

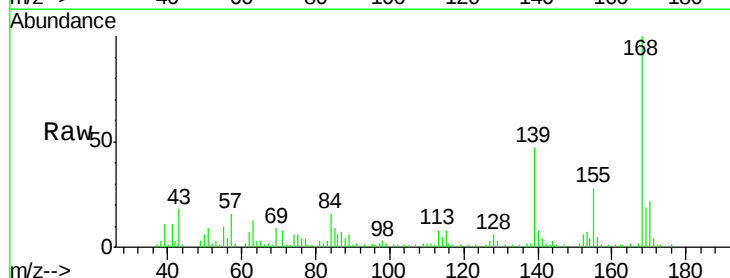
RT: 9.83 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

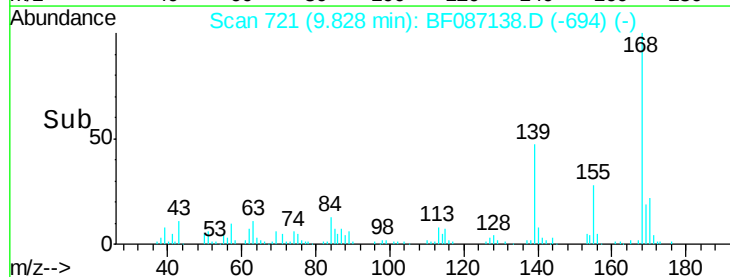
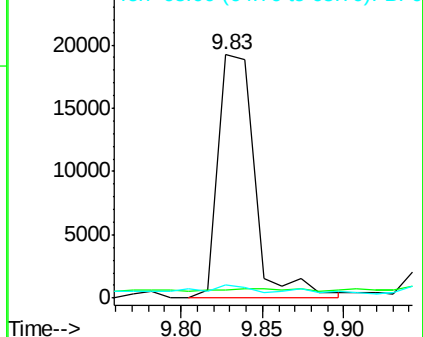
Tgt Ion:	139	Resp:	29949
Ion Ratio	Lower	Upper	
139	100		
109	3.5	36.9	76.9#
65	5.7	64.0	104.0#

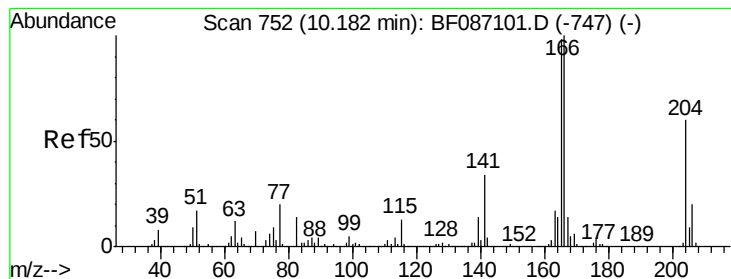


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 4.72 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)RE

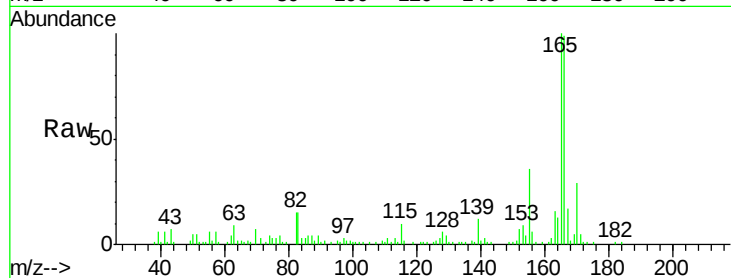
Tgt Ion:166 Resp: 74735

Ion Ratio Lower Upper

166 100

165 100.7 79.0 118.6

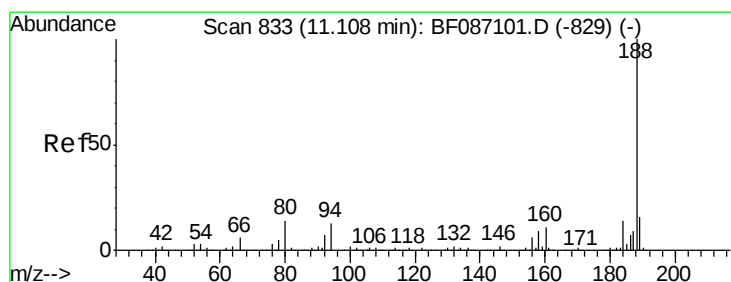
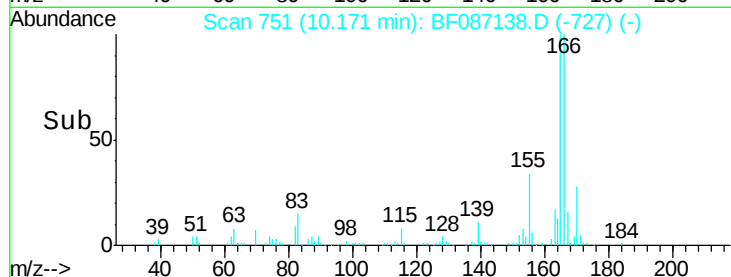
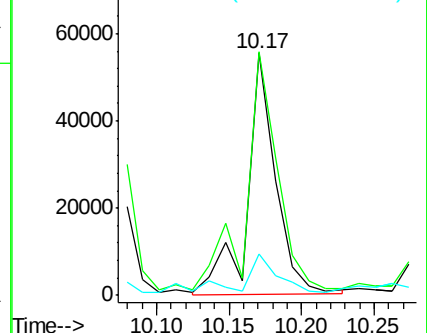
167 17.0 10.6 15.8#



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: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

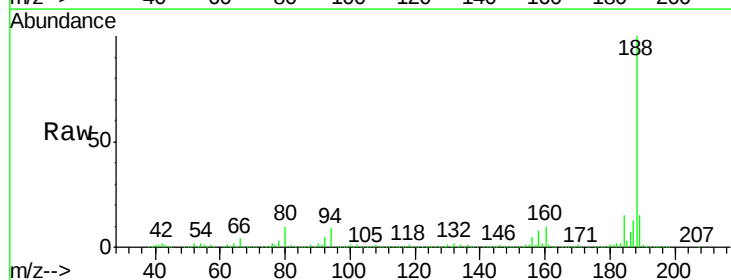
Tgt Ion:188 Resp: 387406

Ion Ratio Lower Upper

188 100

94 9.4 6.8 10.2

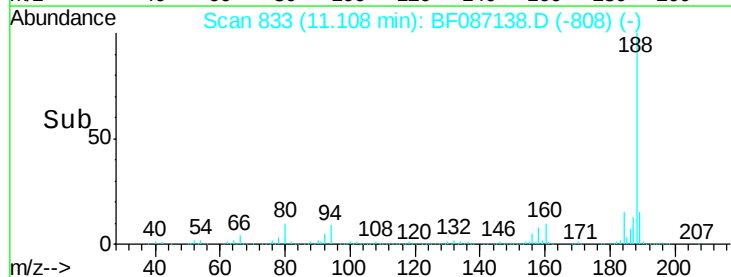
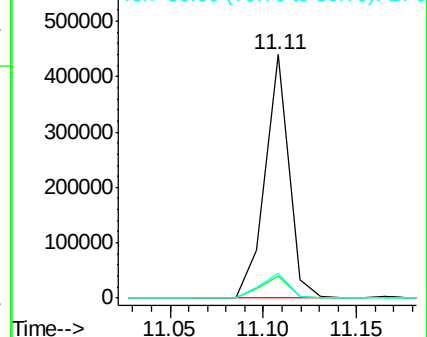
80 10.0 7.1 10.7

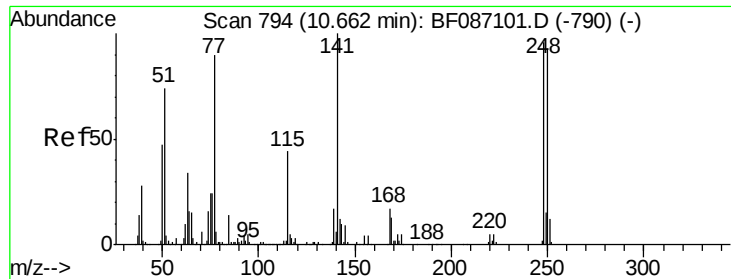


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

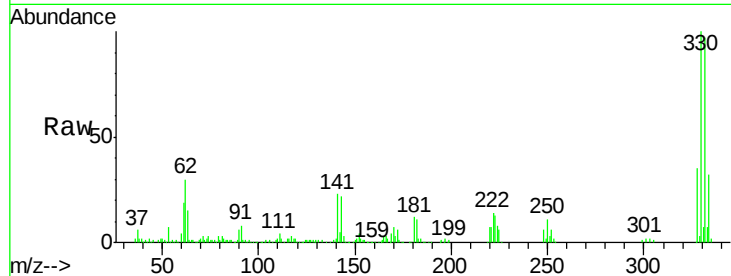




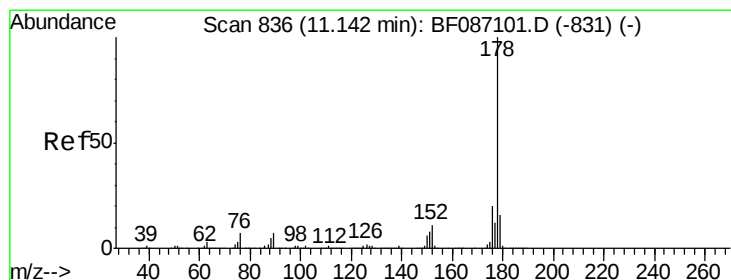
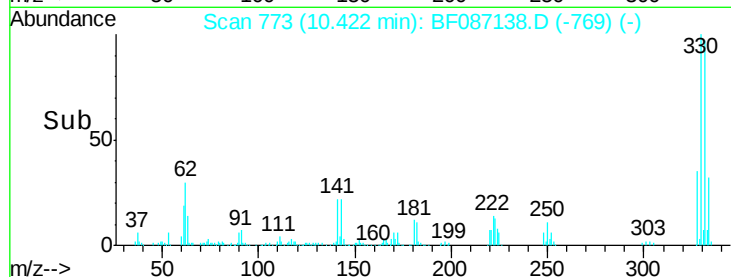
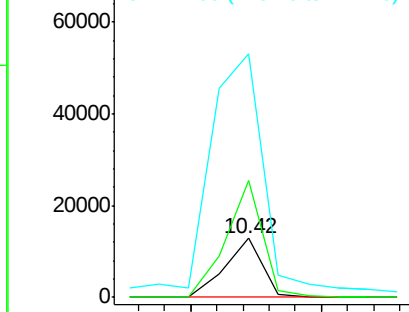
#66
 4-Bromophenyl-phenylether
 Concen: 3.19 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.25 min
 Lab File: BF087138.D
 Acq: 18 May 2016 8:33

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1767-00(0-2)RE

Tgt Ion:248 Resp: 12725
 Ion Ratio Lower Upper
 248 100
 250 198.4 78.6 117.8#
 141 411.6 76.0 114.0#

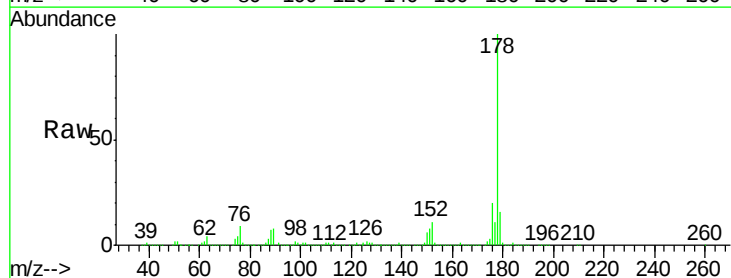


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

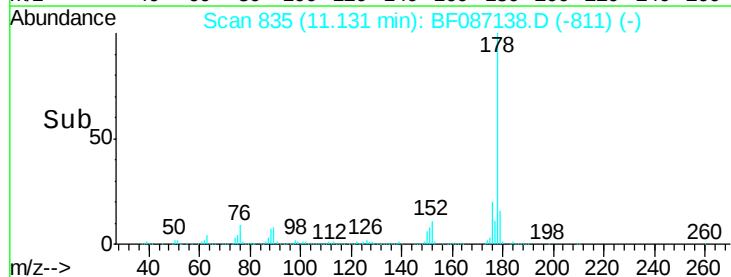
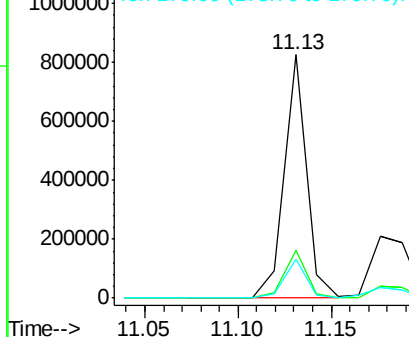


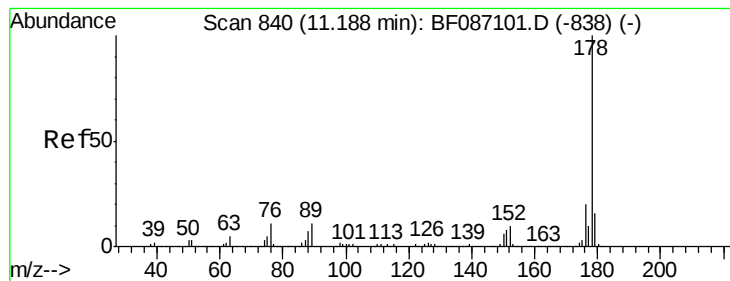
#70
 Phenanthrene
 Concen: 32.78 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF087138.D
 Acq: 18 May 2016 8:33

Tgt Ion:178 Resp: 688819
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 15.9 12.6 18.8



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: 14.44 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)RE

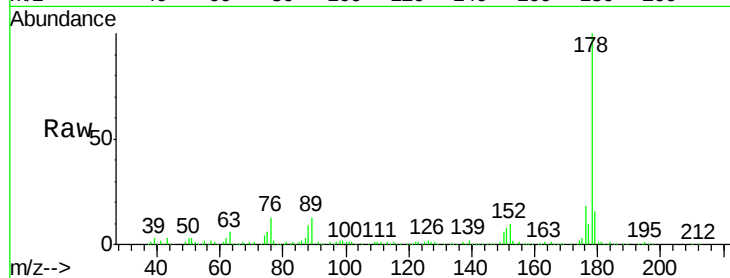
Tgt Ion:178 Resp: 306889

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

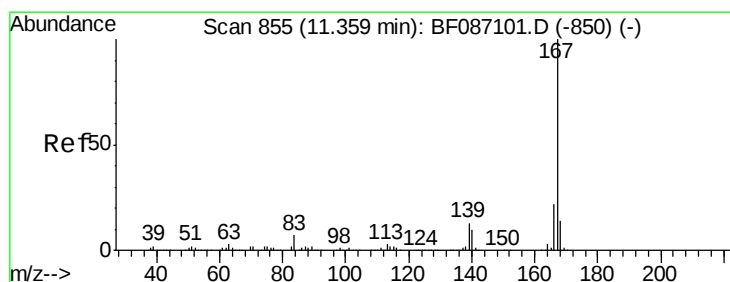
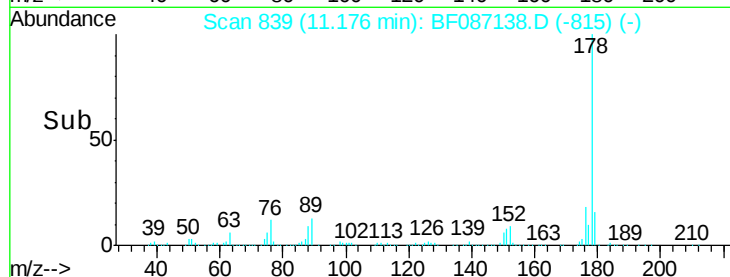
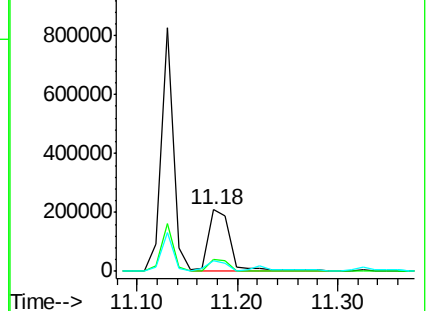
179 16.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 5.25 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

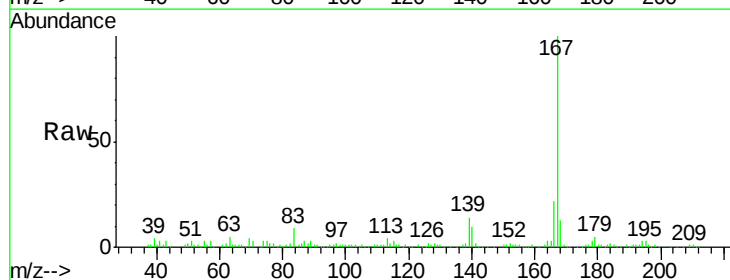
Tgt Ion:167 Resp: 101878

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

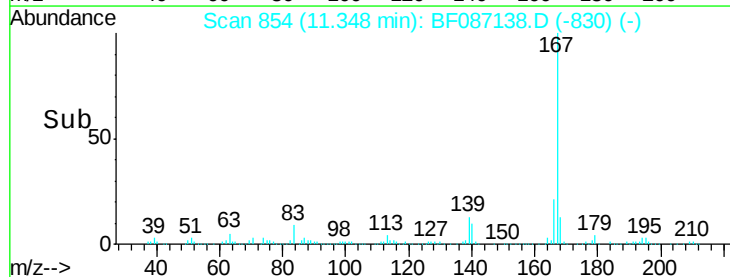
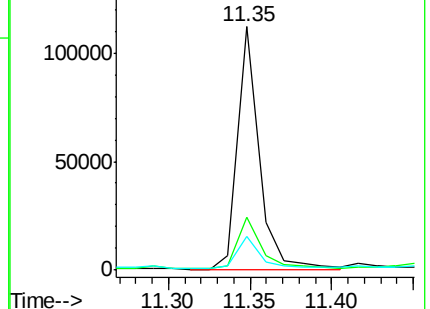
139 13.9 10.8 16.2

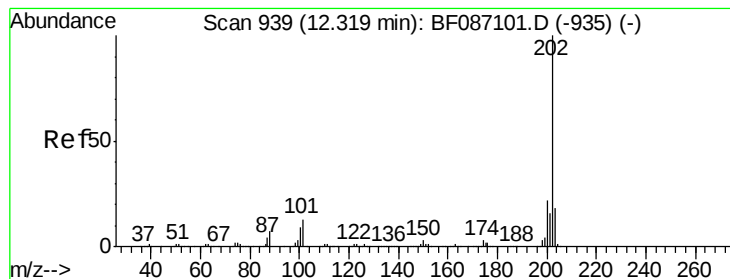


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 65.01 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)RE

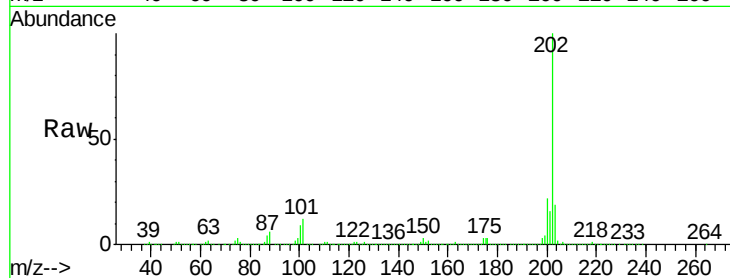
Tgt Ion:202 Resp: 1368653

Ion Ratio Lower Upper

202 100

101 12.3 0.0 35.4

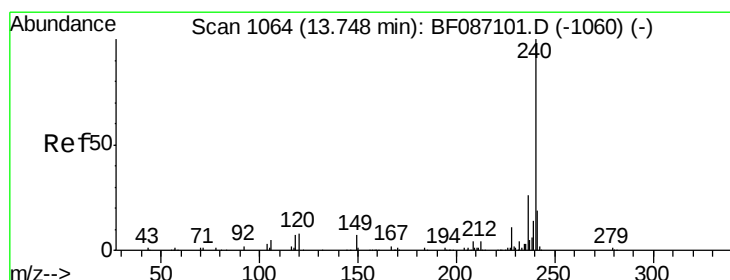
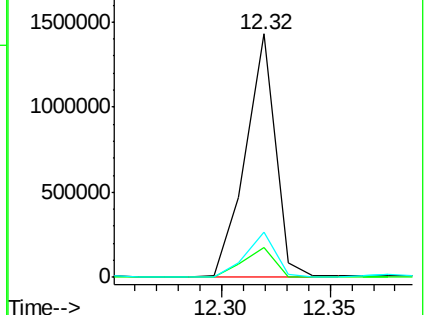
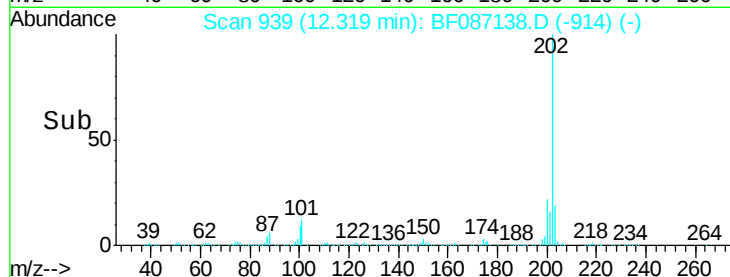
203 18.5 0.0 38.1



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: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

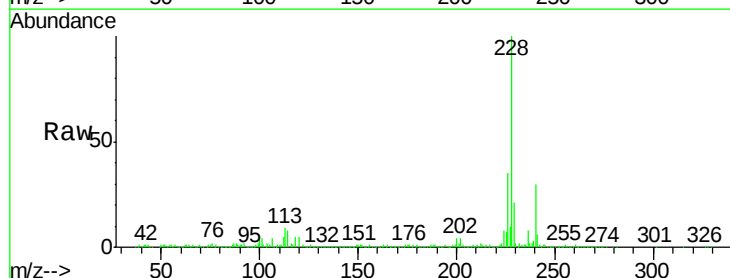
Tgt Ion:240 Resp: 257848

Ion Ratio Lower Upper

240 100

120 18.1 11.2 16.8#

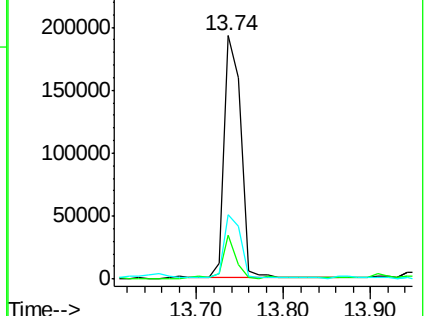
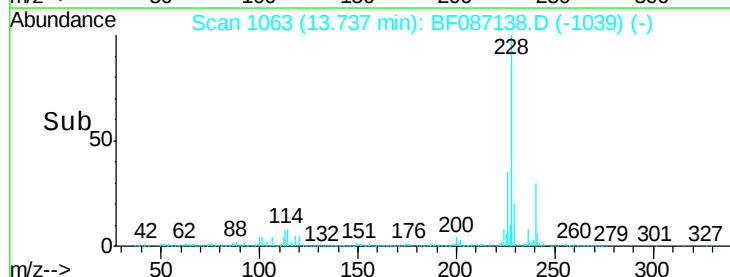
236 26.4 21.2 31.8

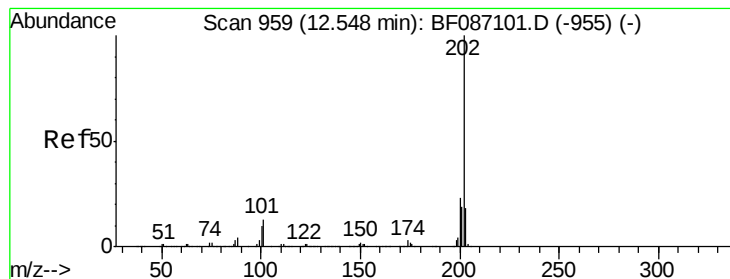


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 75.66 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)RE

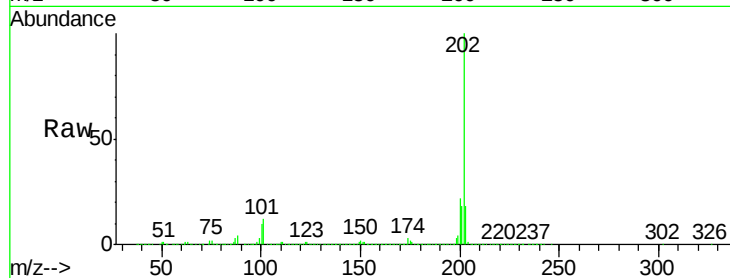
Tgt Ion:202 Resp: 1409442

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

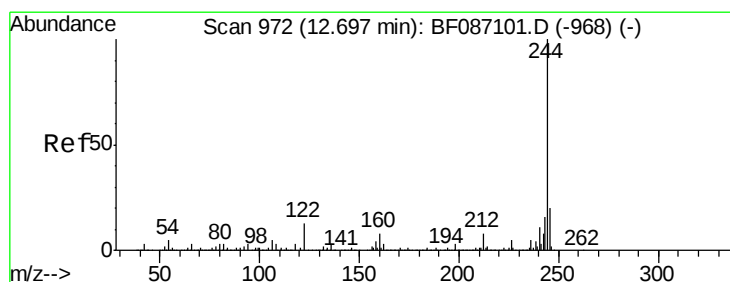
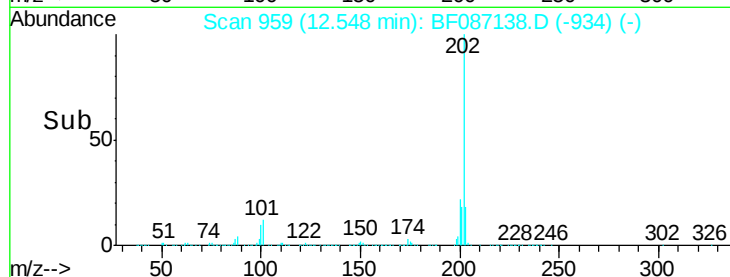
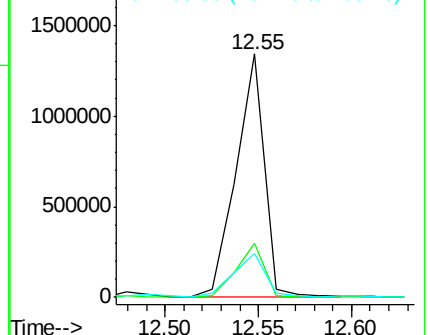
203 18.0 14.2 21.4



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: 51.07 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

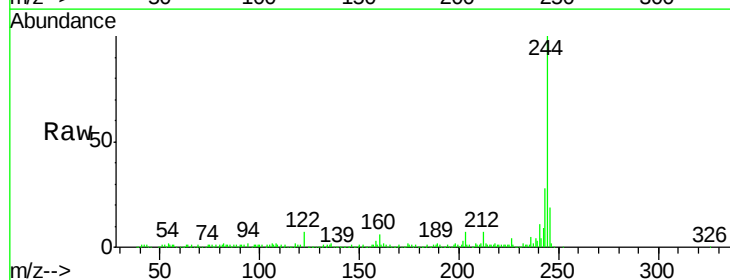
Tgt Ion:244 Resp: 582080

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

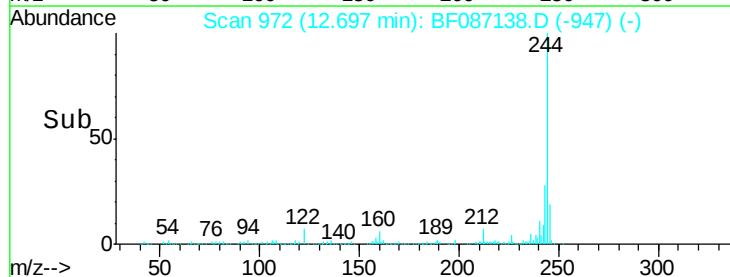
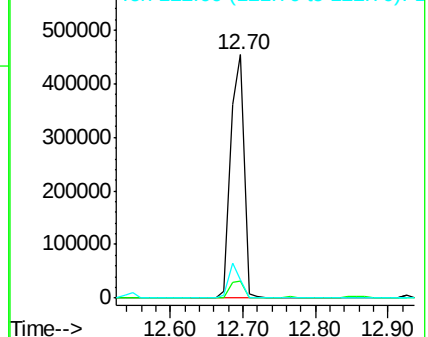
122 7.3 12.0 18.0#

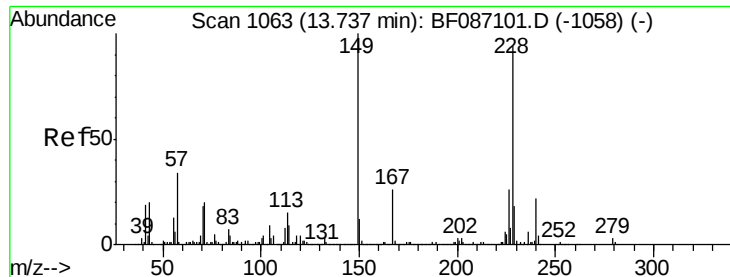


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 65.44 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)RE

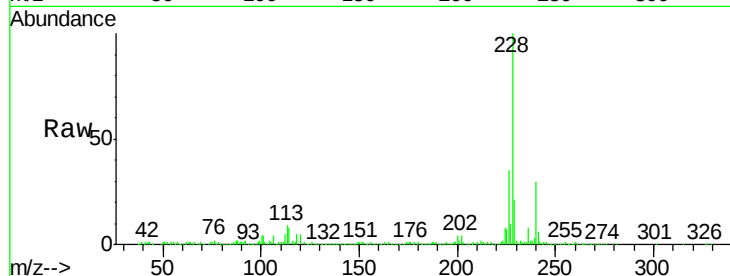
Tgt Ion:228 Resp: 975646

Ion Ratio Lower Upper

228 100

226 35.3 22.5 33.7#

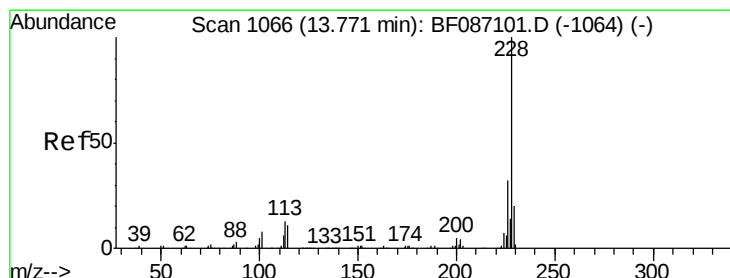
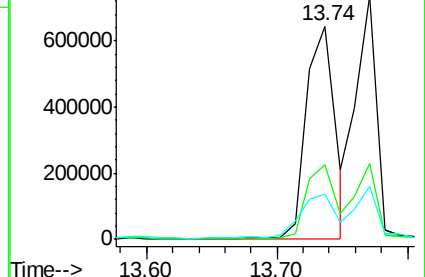
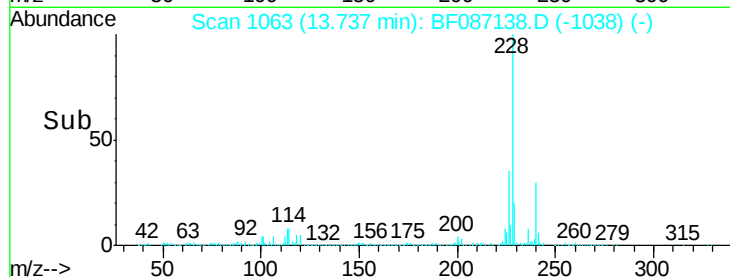
229 21.0 16.6 25.0



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: 67.64 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.05 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

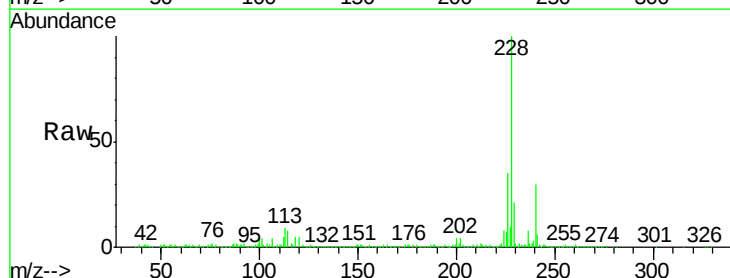
Tgt Ion:228 Resp: 975646

Ion Ratio Lower Upper

228 100

226 35.3 24.4 36.6

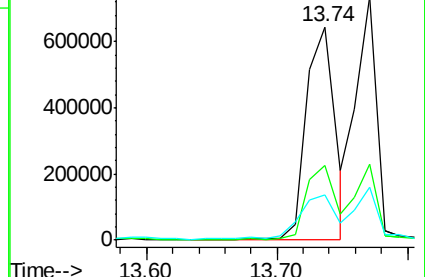
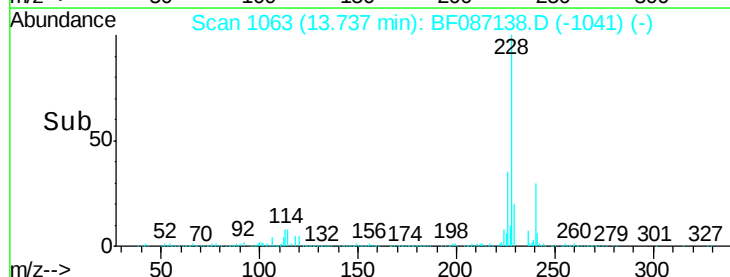
229 21.0 15.8 23.8

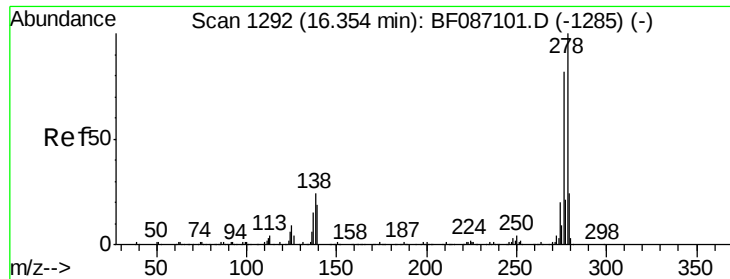


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.54 ng

RT: 16.21 min Scan# 1279

Delta R.T. -0.16 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)RE

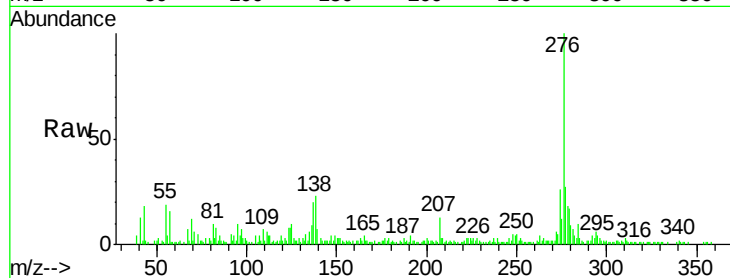
Tgt Ion:276 Resp: 82776

Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

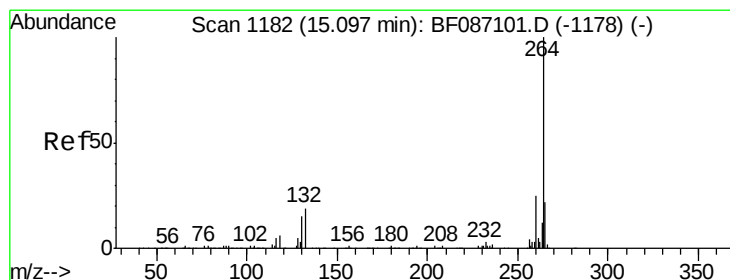
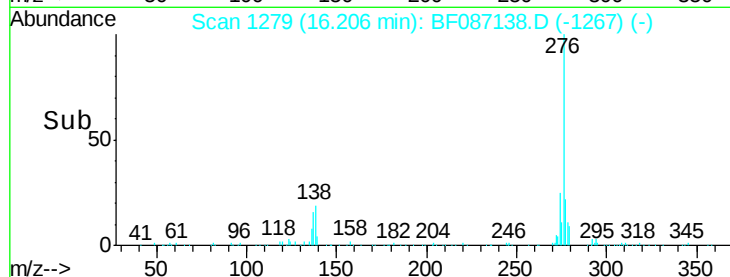
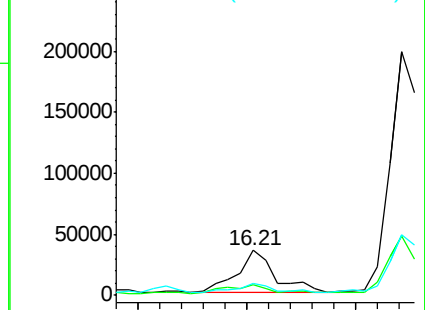
277 24.0 20.5 30.7



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

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

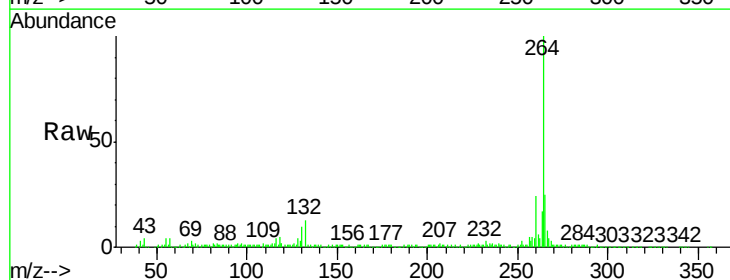
Tgt Ion:264 Resp: 308951

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

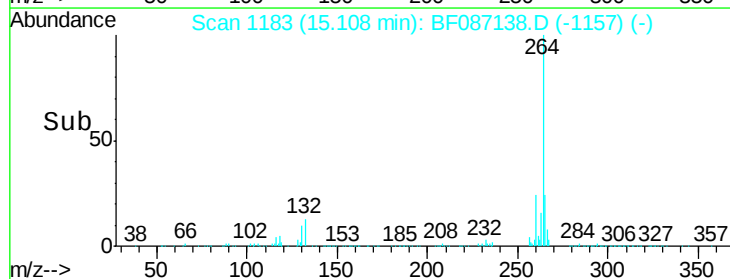
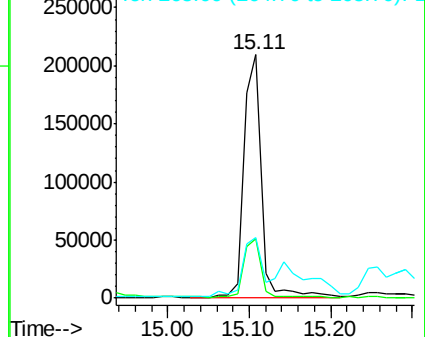
265 25.0 17.3 25.9

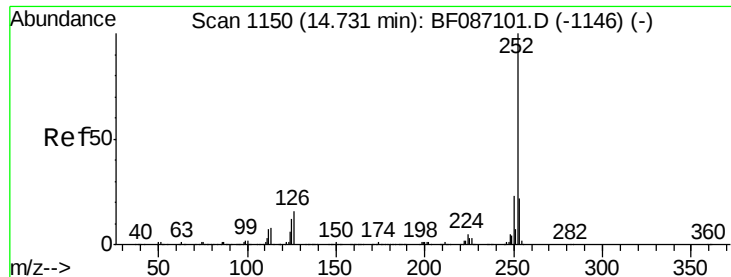


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

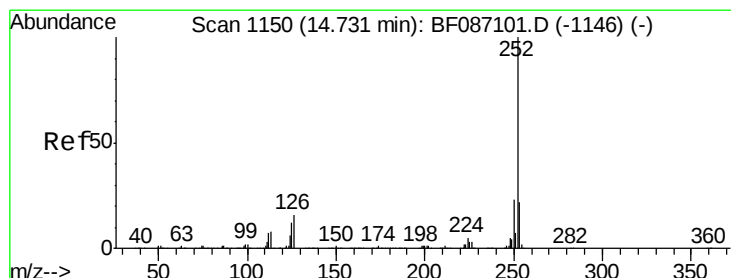
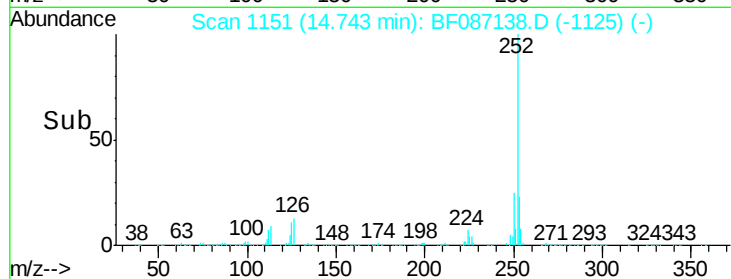
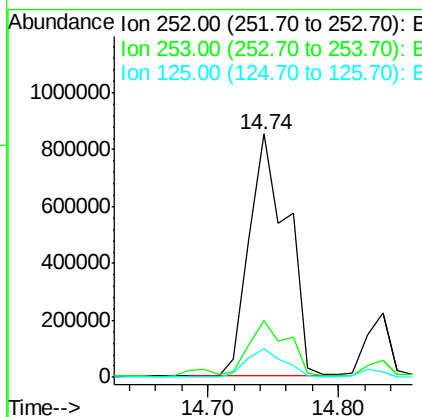
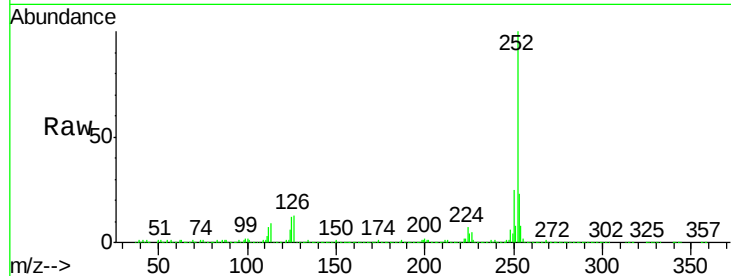




#87
Benzo(b)fluoranthene
Concen: 84.51 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF087138.D
Acq: 18 May 2016 8:33

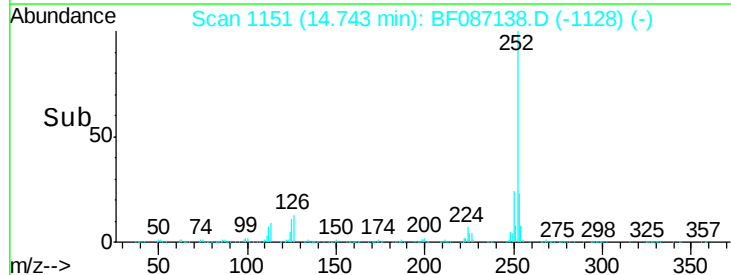
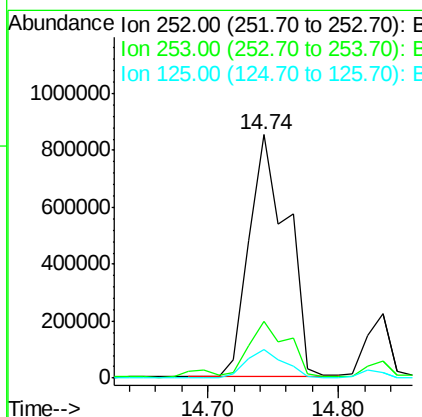
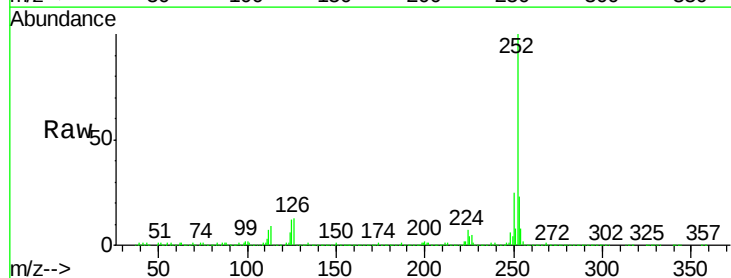
Instrument :
BNA_F
ClientSampleId :
CH-STA-1767-00(0-2)RE

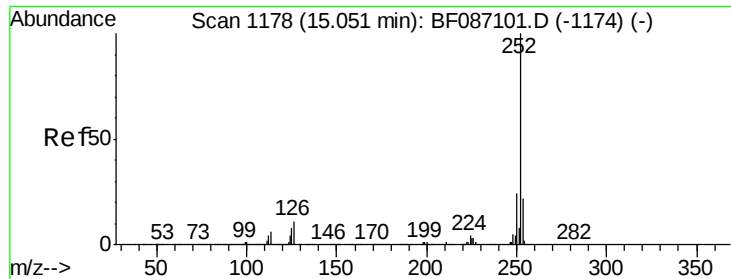
Tgt Ion:252 Resp: 1732138
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 11.6 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 113.52 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087138.D
Acq: 18 May 2016 8:33

Tgt Ion:252 Resp: 1732138
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 11.6 9.1 13.7

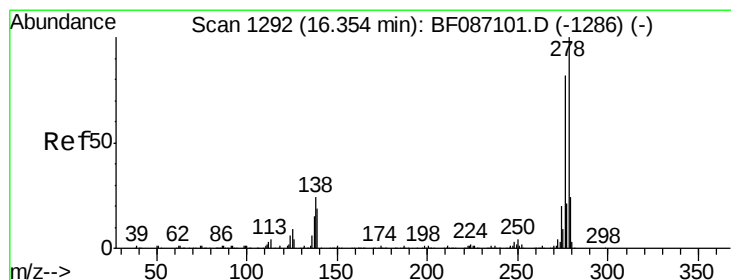
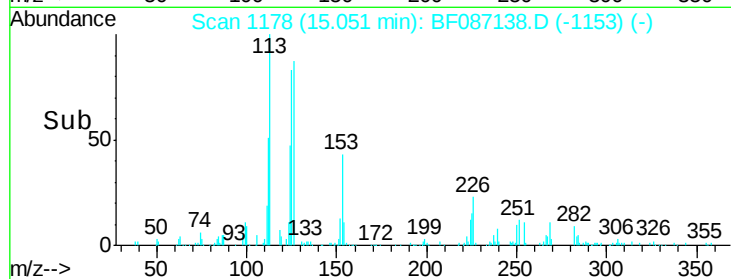
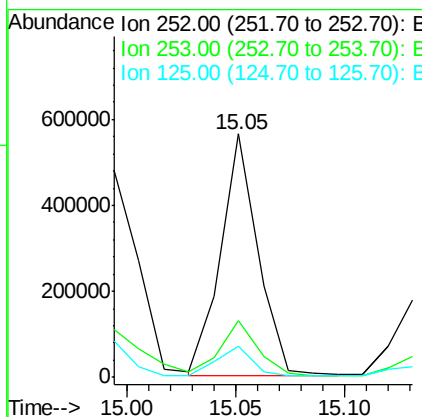
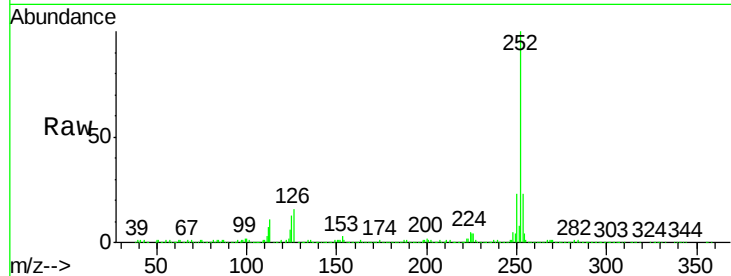




#89
Benzo(a)pyrene
Concen: 39.07 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087138.D
Acq: 18 May 2016 8:33

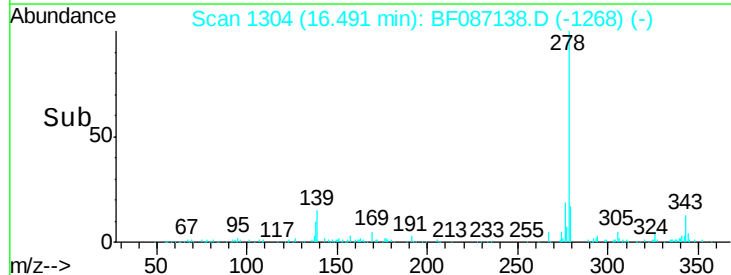
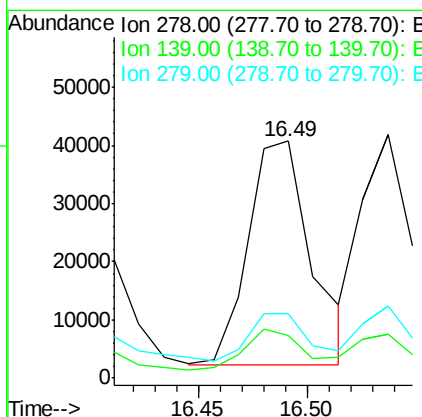
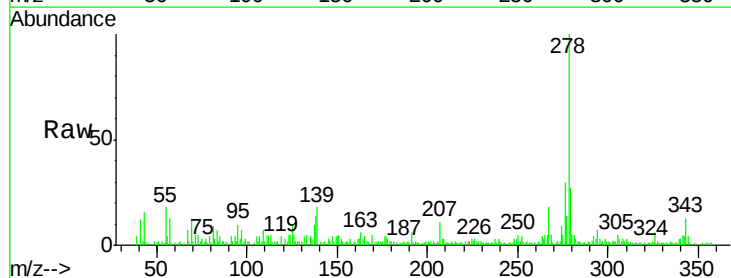
Instrument :
BNA_F
ClientSampleId :
CH-STA-1767-00(0-2)RE

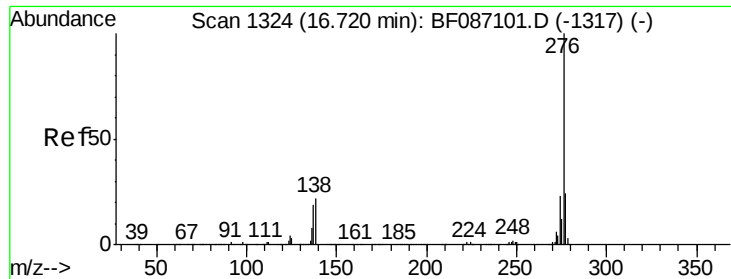
Tgt Ion: 252 Resp: 669395
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 12.6 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 5.42 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.11 min
Lab File: BF087138.D
Acq: 18 May 2016 8:33

Tgt Ion: 278 Resp: 78239
Ion Ratio Lower Upper
278 100
139 17.9 16.6 24.8
279 27.4 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 20.02 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF087138.D

Acq: 18 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)RE

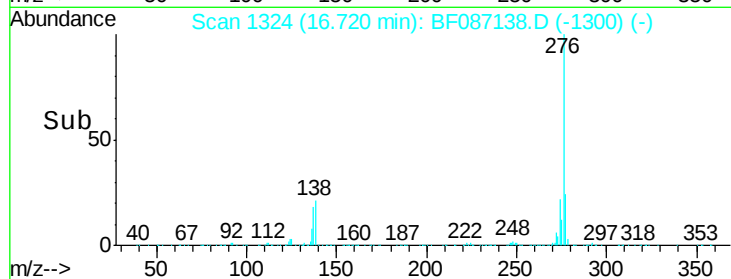
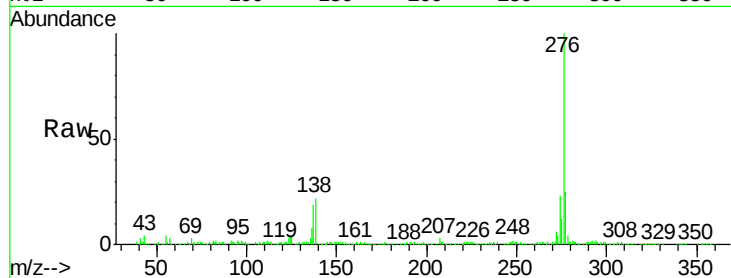
Tgt Ion: 276 Resp: 291640

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 21.6 23.6 35.4#



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

