

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
 Data File : BF087085.D
 Acq On : 16 May 2016 17:01
 Operator : UM/SJ
 Sample : H2994-11RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1720-00(0-2)RE

Quant Time: May 17 00:54:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	376391	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	545295	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	210531	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	330407	20.00	ng	-0.09
75) Chrysene-d12	13.76	240	294957	20.00	ng	-0.08
86) Perylene-d12	15.12	264	239196	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	771251	34.70	ng	-0.09
7) Phenol-d6	6.27	99	948240	31.92	ng	-0.09
23) Nitrobenzene-d5	7.18	82	605048	55.71	ng	-0.09
41) 2,4,6-Tribromophenol	10.43	330	162983	73.13	ng	-0.09
44) 2-Fluorobiphenyl	8.97	172	855709	68.31	ng	-0.09
78) Terphenyl-d14	12.71	244	664800	47.82	ng	-0.09

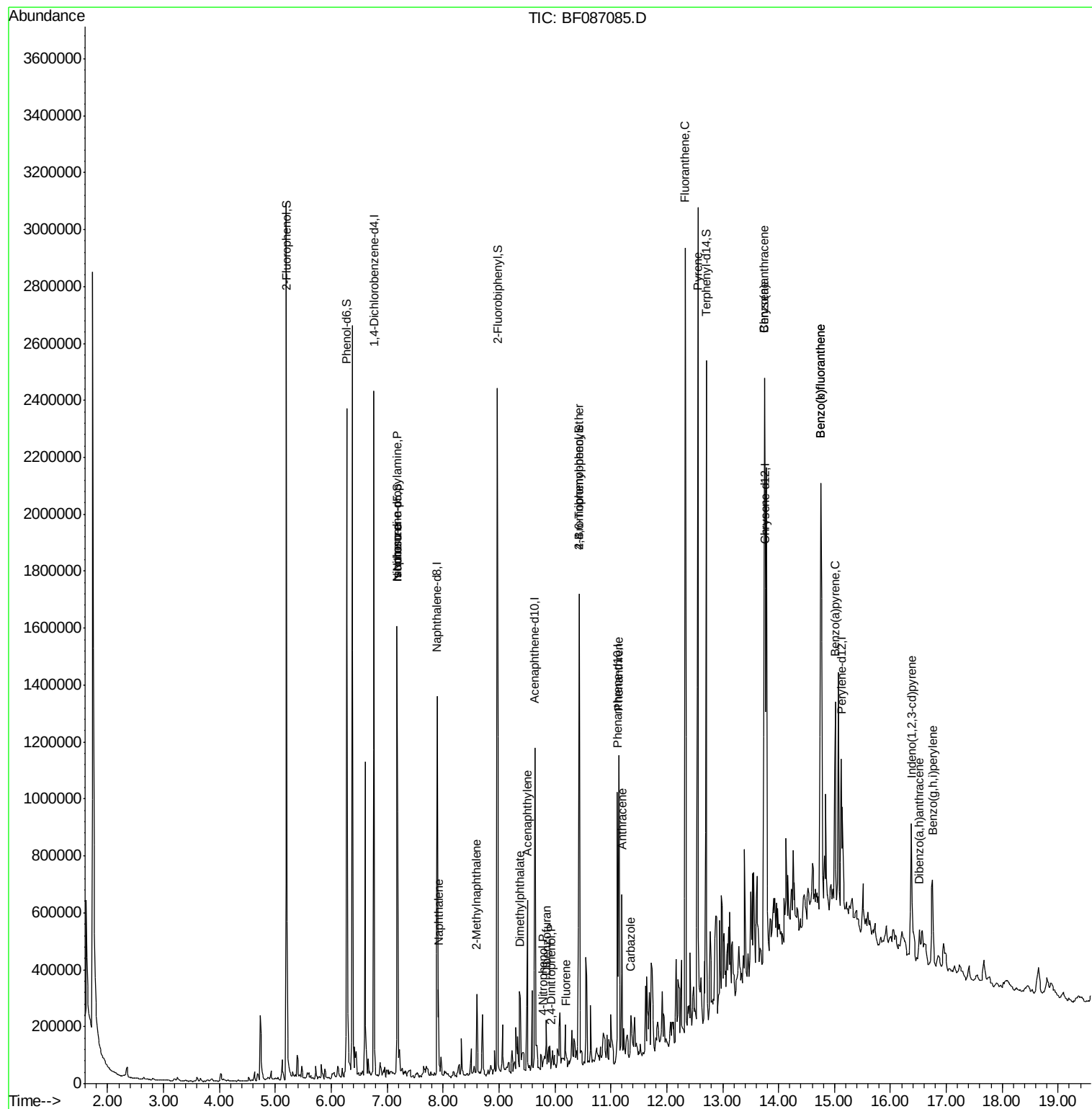
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.18	70	85262	4.11	ng	# 68
25) Isophorone	7.18	82	565765	28.08	ng	# 69
31) Naphthalene	7.92	128	137954	5.05	ng	99
37) 2-Methylnaphthalene	8.60	142	74306	4.65	ng	97
48) Acenaphthylene	9.51	152	262065	13.58	ng	98
49) Dimethylphthalate	9.37	163	88345	5.50	ng	99
53) 2,4-Dinitrophenol	9.93	184	264	7.83	ng	# 37
54) Dibenzofuran	9.85	168	43472	2.82	ng	# 96
55) 4-Nitrophenol	9.79	139	680	4.83	ng	# 1
57) Fluorene	10.19	166	27793	2.11	ng	# 92
60) 4-Chlorophenyl-phenylether	10.00	204	229	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.43	248	10622	3.17	ng	# 1
70) Phenanthrene	11.14	178	383611	21.76	ng	100
71) Anthracene	11.20	178	261610	14.51	ng	98
72) Carbazole	11.36	167	57174	3.69	ng	97
74) Fluoranthene	12.33	202	1210093	66.72	ng	99
77) Pyrene	12.56	202	1140534	50.51	ng	99
80) Benzo(a)anthracene	13.75	228	891377	53.83	ng	# 93
82) Chrysene	13.75	228	891377	52.92	ng	95
85) Indeno(1,2,3-cd)pyrene	16.38	276	296929	21.19	ng	# 88
87) Benzo(b)fluoranthene	14.75	252	1120778	72.10	ng	98
88) Benzo(k)fluoranthene	14.75	252	1120778	88.05	ng	98
89) Benzo(a)pyrene	15.02	252	371739	27.72	ng	97
90) Dibenzo(a,h)anthracene	16.51	278	53896	4.77	ng	96
91) Benzo(g,h,i)perylene	16.75	276	247083	21.52	ng	# 90

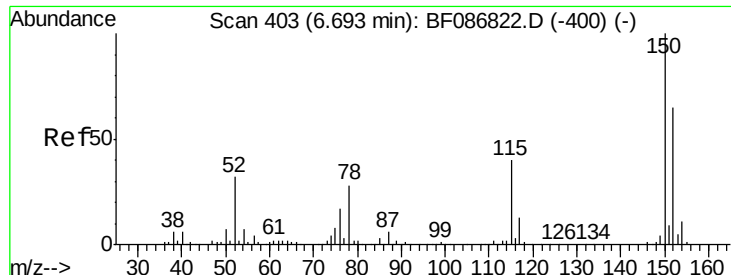
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-STA-1720-00(0-2)RE

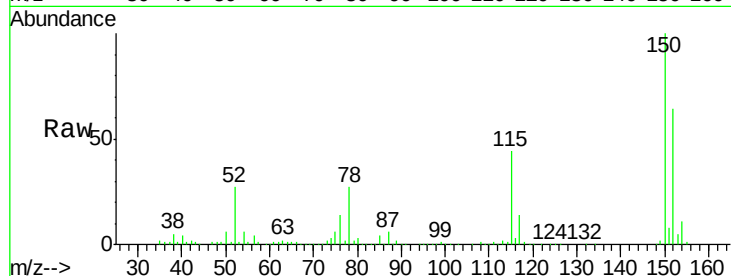
Tgt Ion:152 Resp: 376391

Ion Ratio Lower Upper

152 100

150 155.3 125.8 188.6

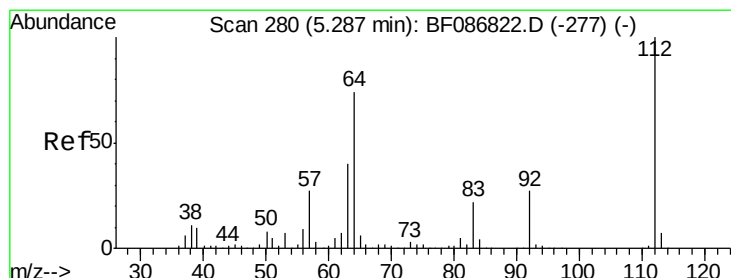
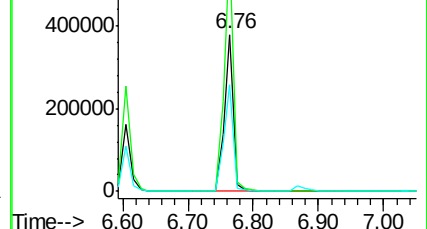
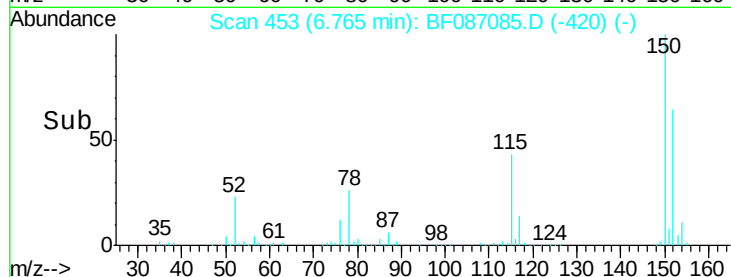
115 67.7 51.5 77.3



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: 34.70 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

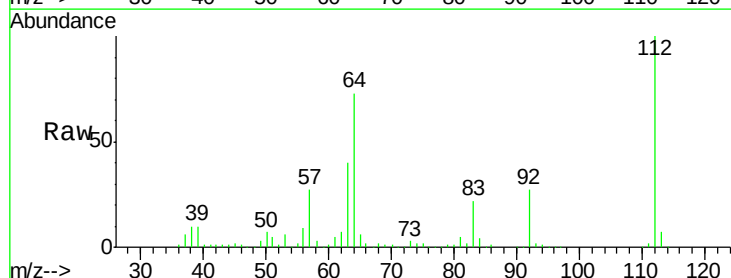
Tgt Ion:112 Resp: 771251

Ion Ratio Lower Upper

112 100

64 73.2 52.1 78.1

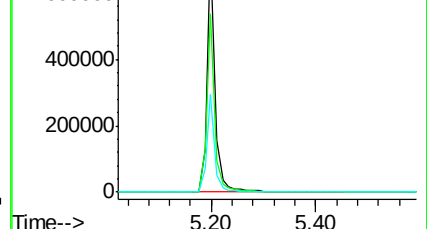
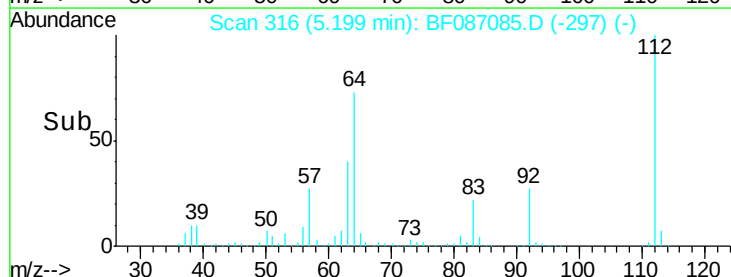
63 39.9 25.7 38.5

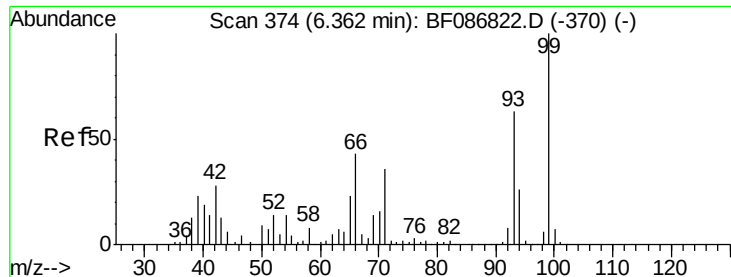


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.92 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-STA-1720-00(0-2)RE

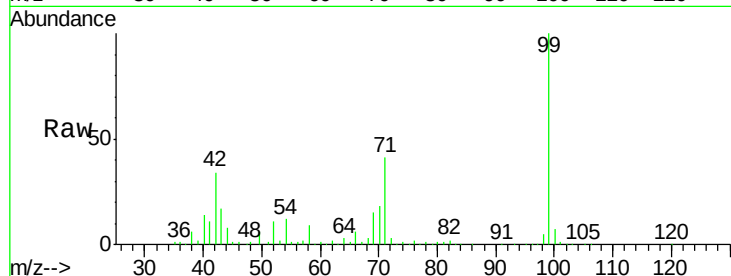
Tgt Ion: 99 Resp: 948240

Ion Ratio Lower Upper

99 100

42 33.7 13.6 20.4#

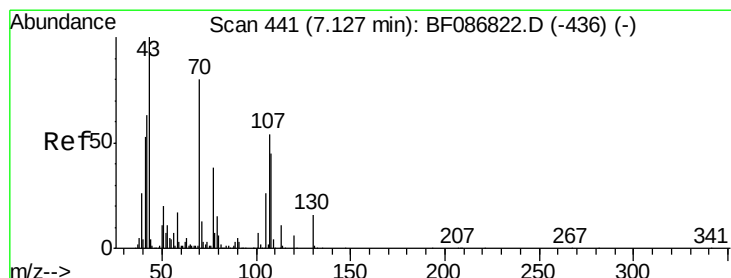
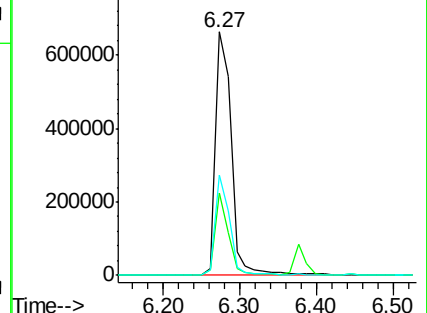
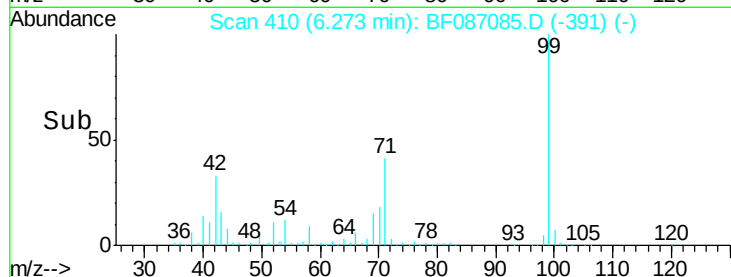
71 41.1 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.11 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.05 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Tgt Ion: 70 Resp: 85262

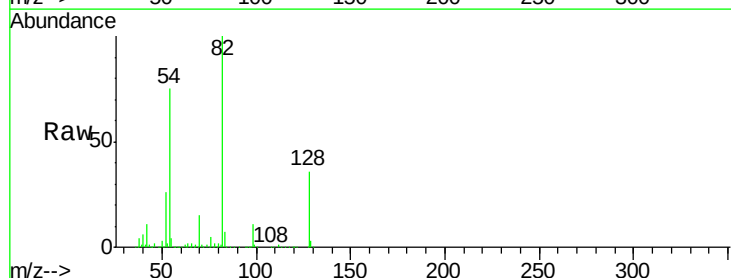
Ion Ratio Lower Upper

70 100

42 74.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

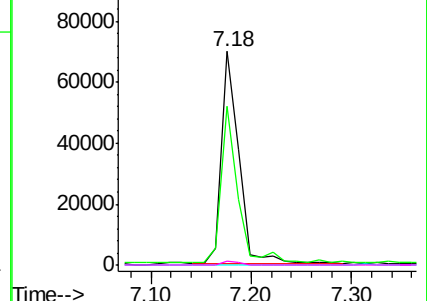
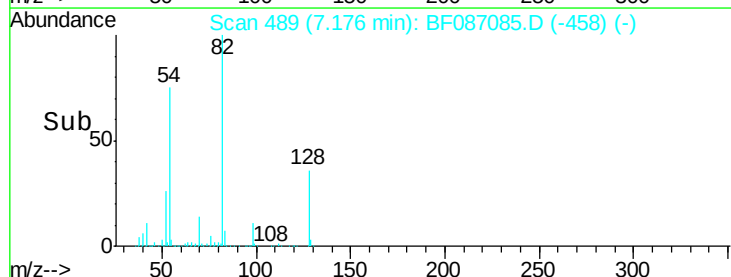


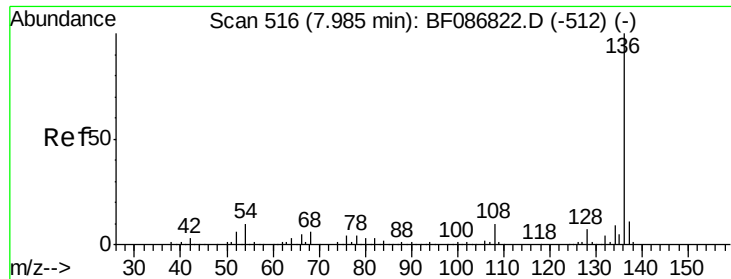
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

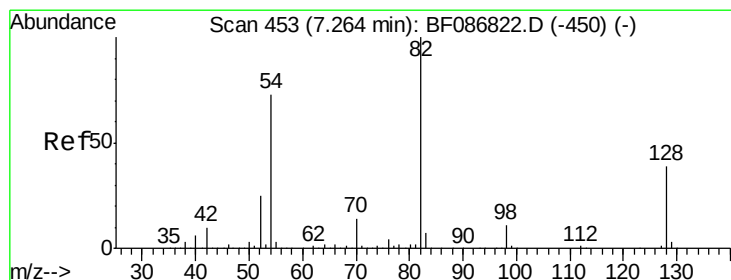
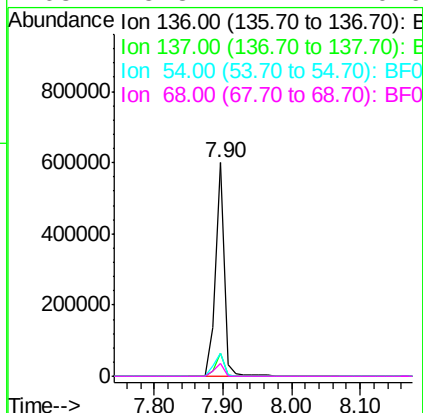
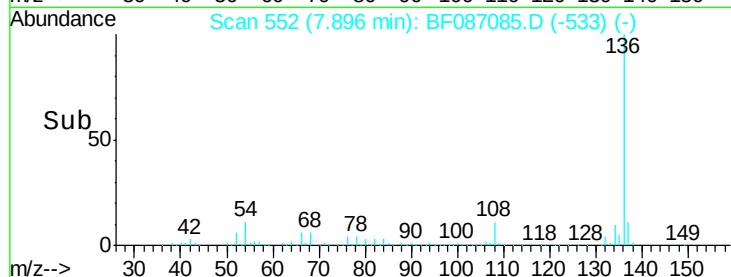
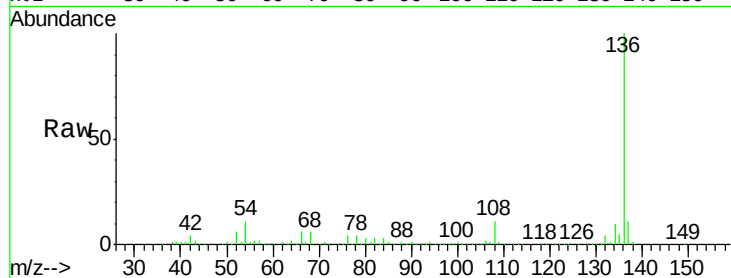




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087085.D
Acq: 16 May 2016 17:01

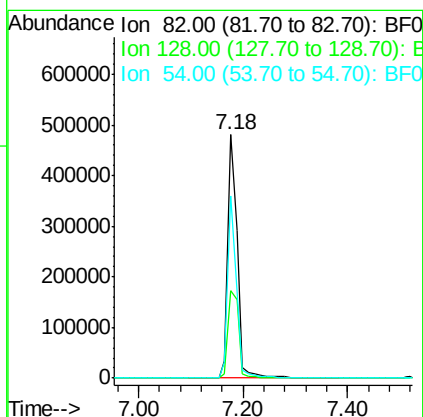
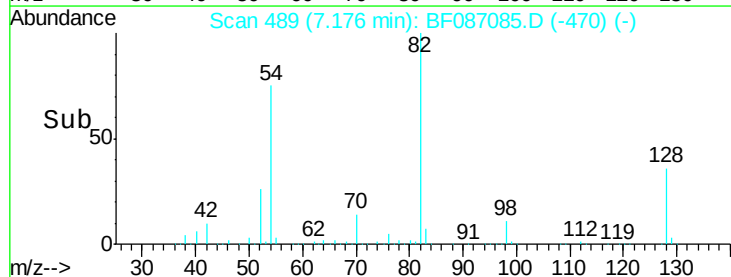
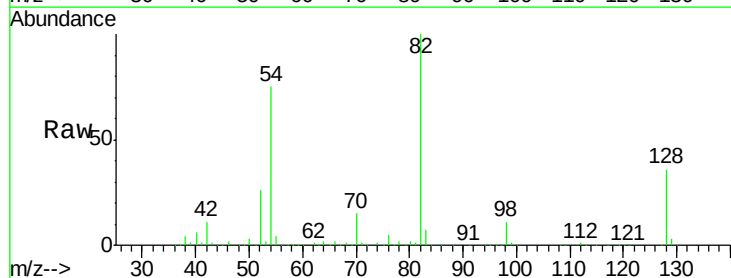
Instrument :
BNA_F
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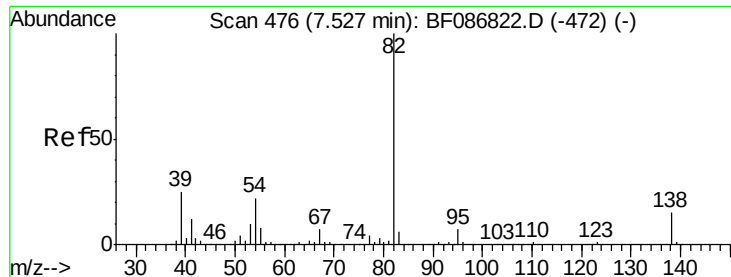
Tgt Ion:	136	Resp:	545295
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	10.8	5.0	7.4#
68	5.8	4.4	6.6



#23
Nitrobenzene-d5
Concen: 55.71 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.09 min
Lab File: BF087085.D
Acq: 16 May 2016 17:01

Tgt Ion:	82	Resp:	605048
Ion Ratio	Lower	Upper	
82	100		
128	35.7	40.6	61.0#
54	74.9	38.1	57.1#





#25

Isophorone

Concen: 28.08 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.35 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-STA-1720-00(0-2)RE

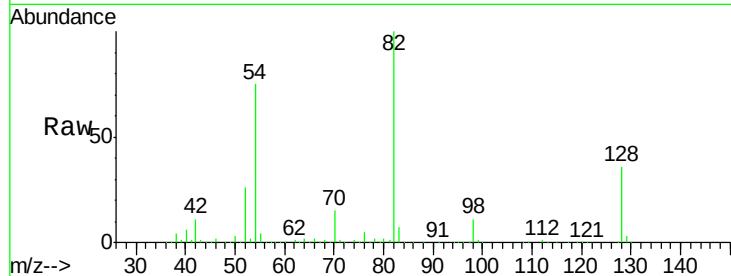
Tgt Ion: 82 Resp: 565765

Ion Ratio Lower Upper

82 100

95 0.2 5.1 7.7#

138 0.0 12.4 18.6#

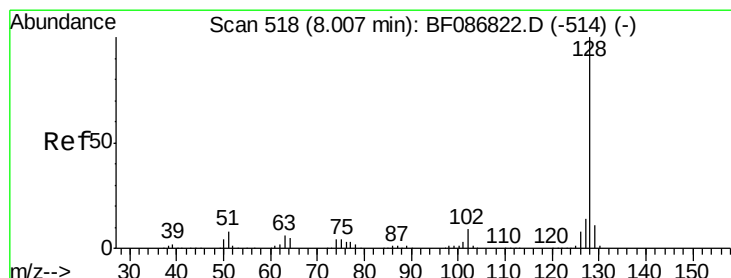
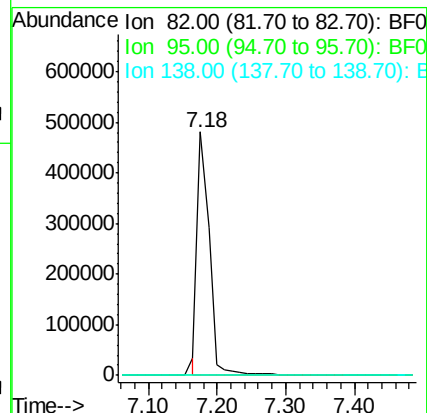
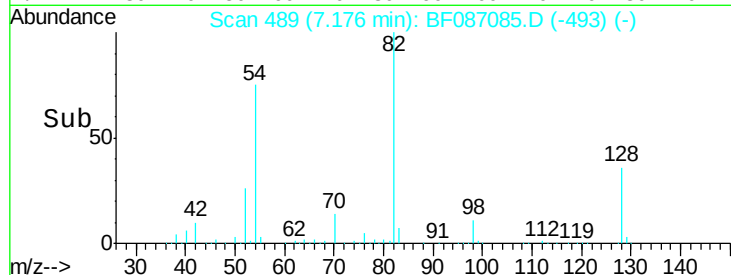


Abundance Ion 82.00 (81.70 to 82.70): BF086822.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BF086822.D (-472) (-)

Ion 138.00 (137.70 to 138.70): BF086822.D (-472) (-)

Time-->



#31

Naphthalene

Concen: 5.05 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.09 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

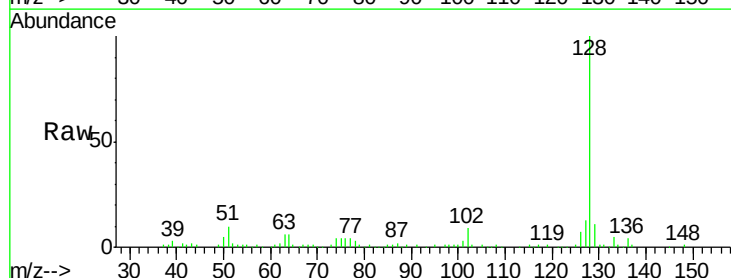
Tgt Ion: 128 Resp: 137954

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.0 10.8 16.2

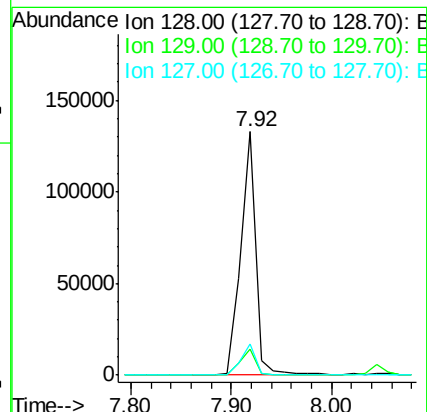
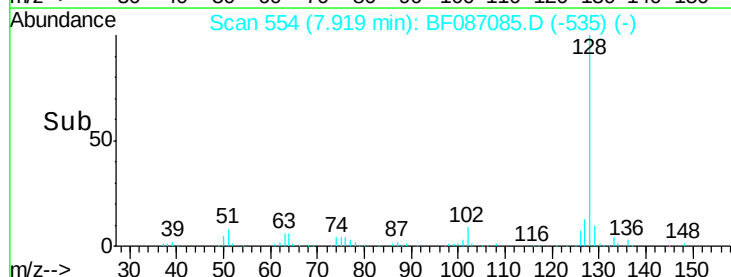


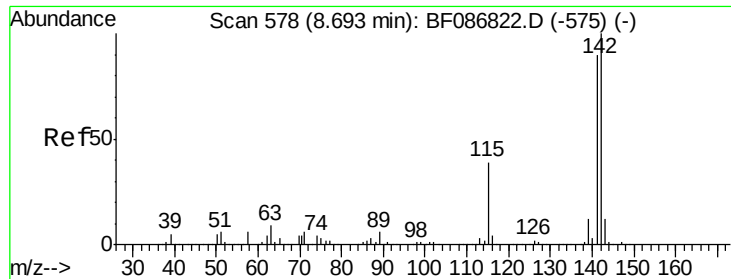
Abundance Ion 128.00 (127.70 to 128.70): BF086822.D (-514) (-)

Ion 129.00 (128.70 to 129.70): BF086822.D (-514) (-)

Ion 127.00 (126.70 to 127.70): BF086822.D (-514) (-)

Time-->

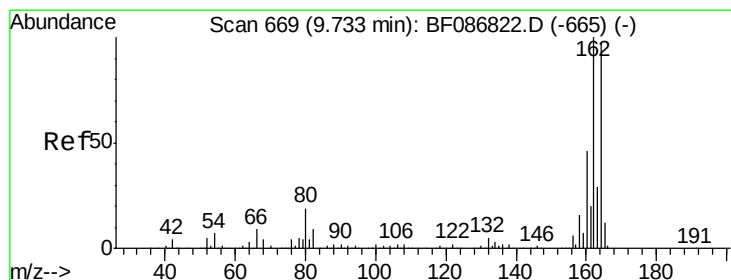
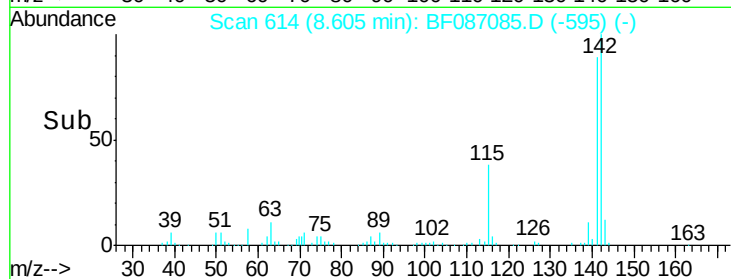
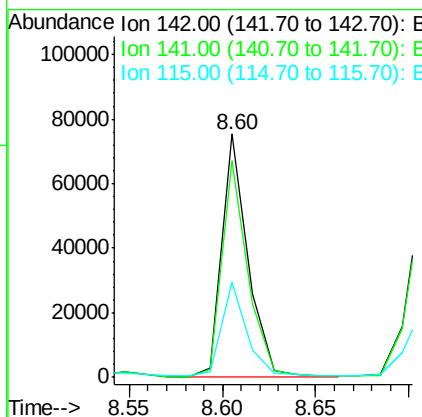
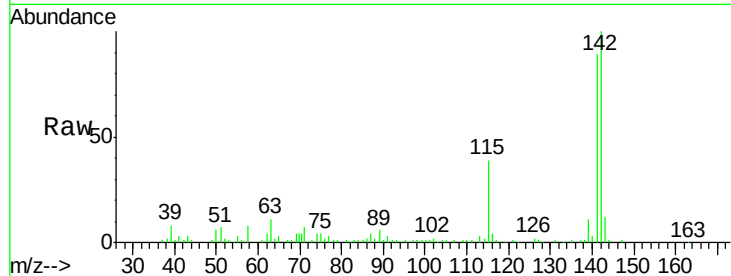




#37
2-Methylnaphthalene
Concen: 4.65 ng
RT: 8.60 min Scan# 614
Delta R.T. -0.09 min
Lab File: BF087085.D
Acq: 16 May 2016 17:01

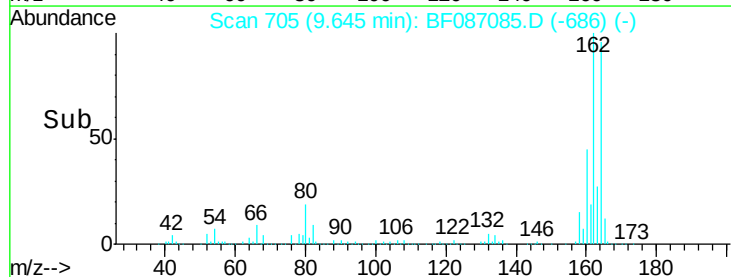
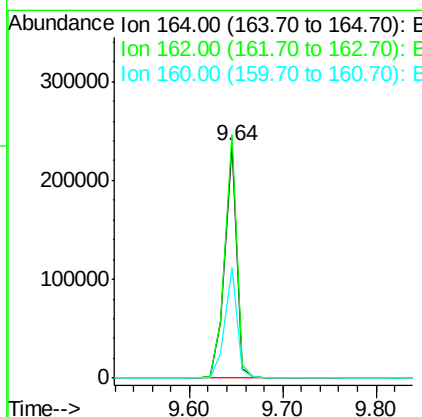
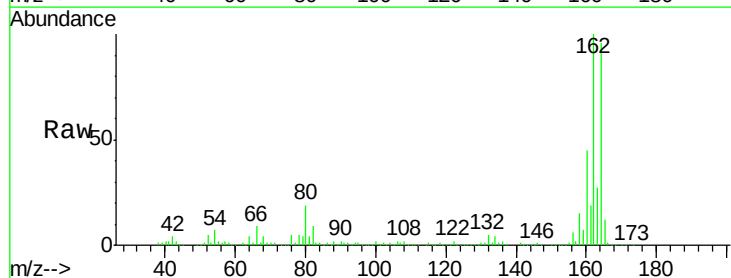
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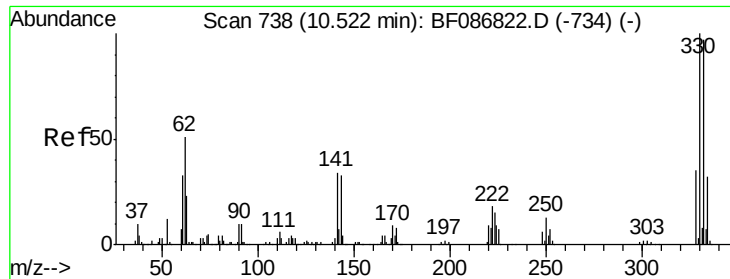
Tgt Ion:142 Resp: 74306
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 38.9 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087085.D
Acq: 16 May 2016 17:01

Tgt Ion:164 Resp: 210531
Ion Ratio Lower Upper
164 100
162 104.6 82.8 124.2
160 47.4 36.9 55.3

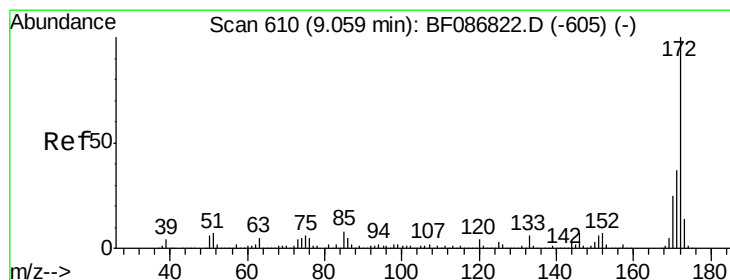
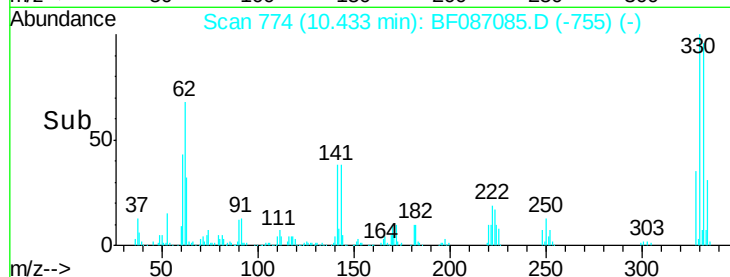
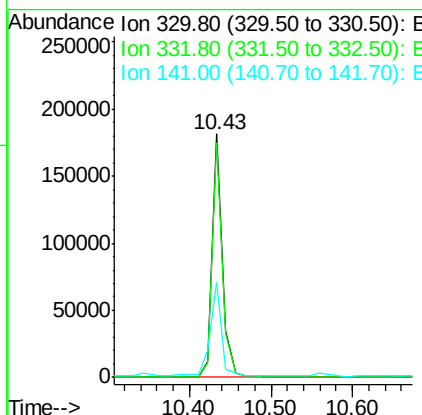
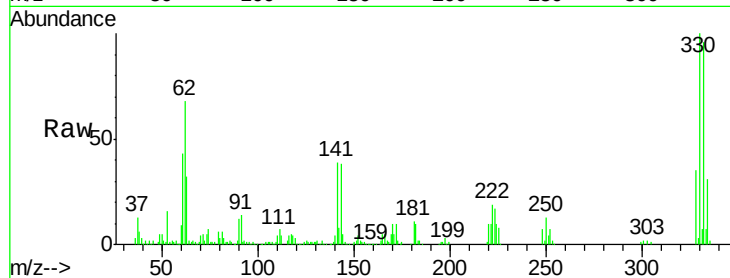




#41
 2,4,6-Tribromophenol
 Concen: 73.13 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087085.D
 Acq: 16 May 2016 17:01

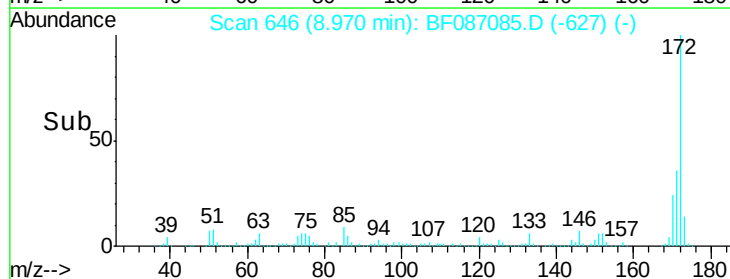
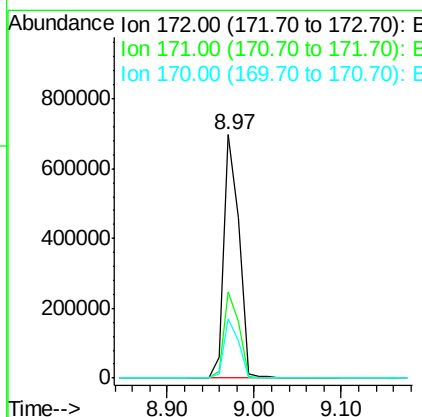
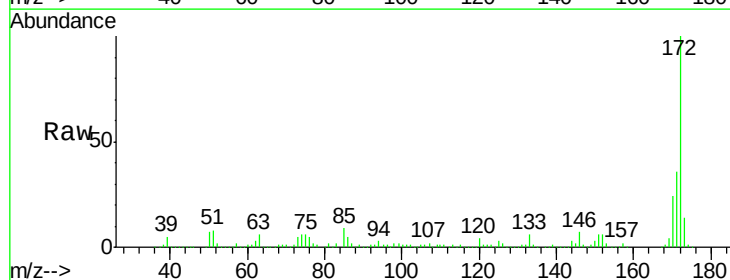
Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1720-00(0-2)RE

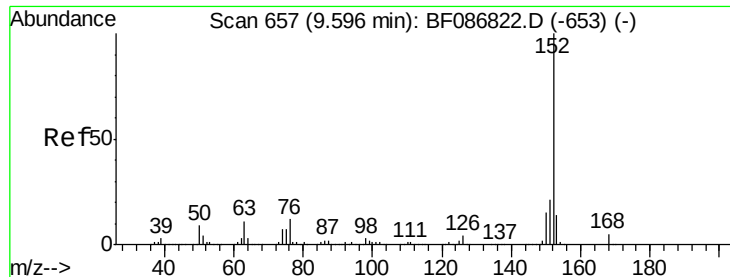
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	43.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 68.31 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.09 min
 Lab File: BF087085.D
 Acq: 16 May 2016 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.1	19.8	29.8





#48

Acenaphthylene

Concen: 13.58 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.09 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-STA-1720-00(0-2)RE

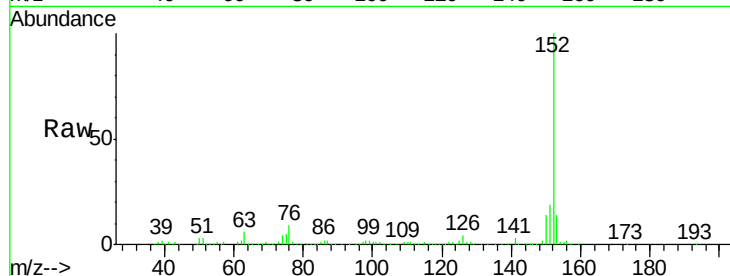
Tgt Ion:152 Resp: 262065

Ion Ratio Lower Upper

152 100

151 19.5 16.8 25.2

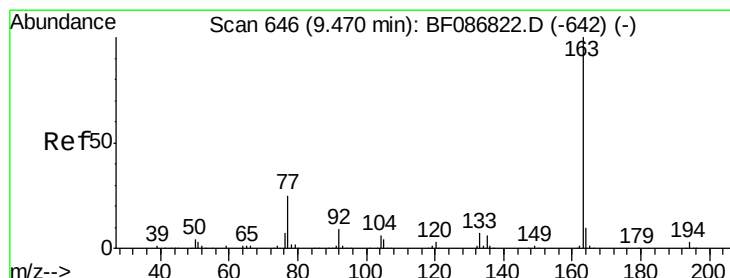
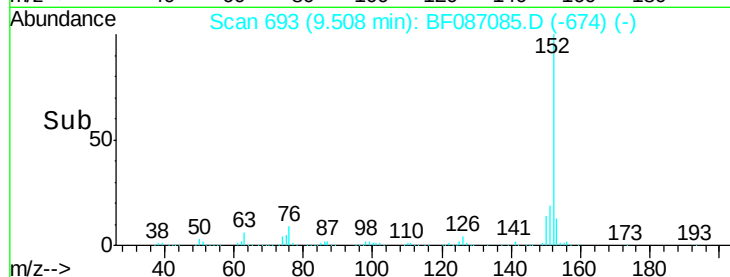
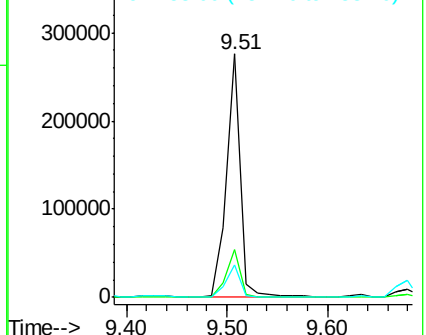
153 13.5 10.9 16.3



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: 5.50 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.10 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

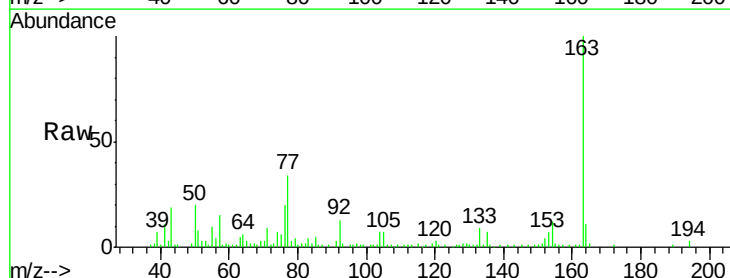
Tgt Ion:163 Resp: 88345

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

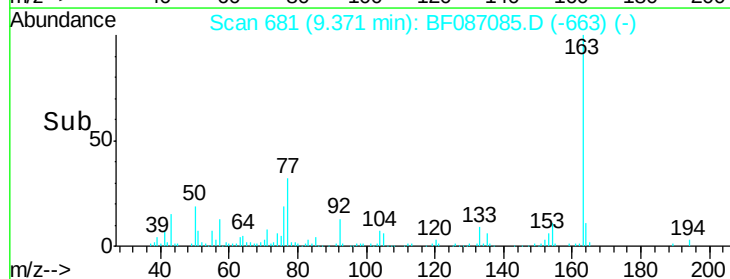
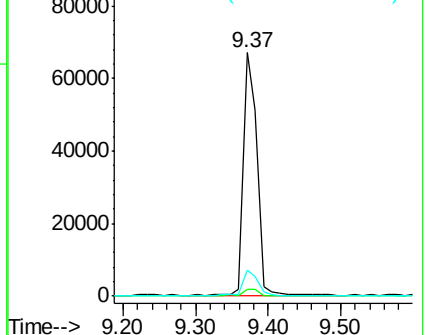
164 10.6 8.2 12.4

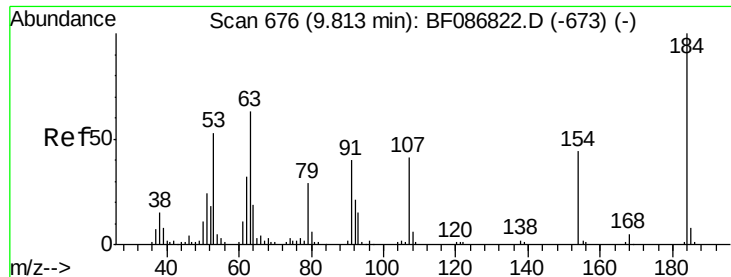


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

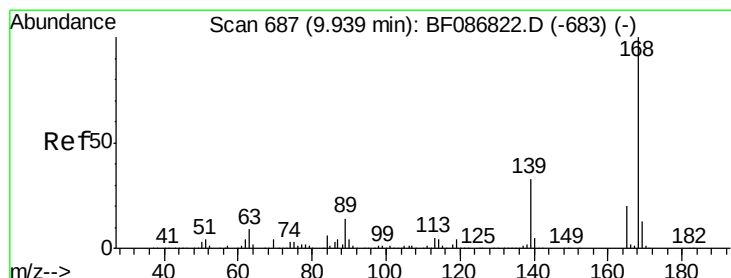
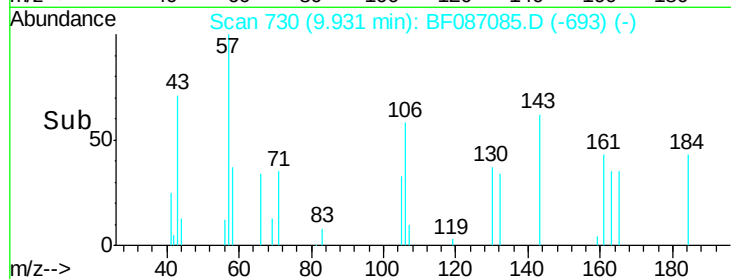
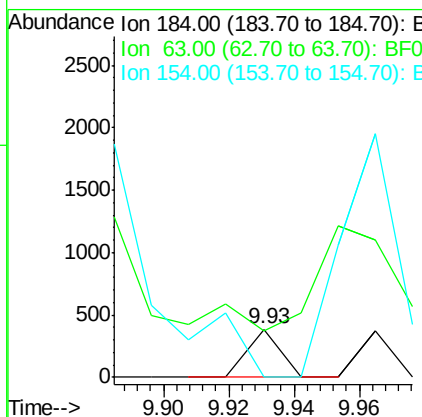
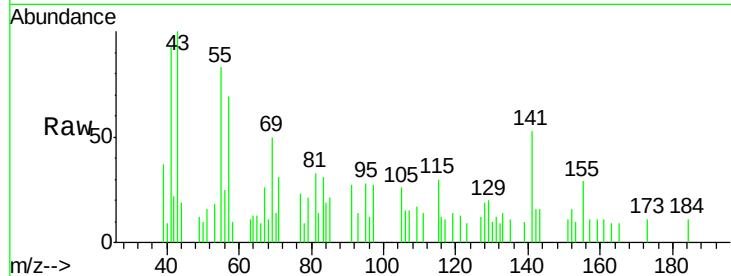




#53
 2,4-Dinitrophenol
 Concen: 7.83 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.12 min
 Lab File: BF087085.D
 Acq: 16 May 2016 17:01

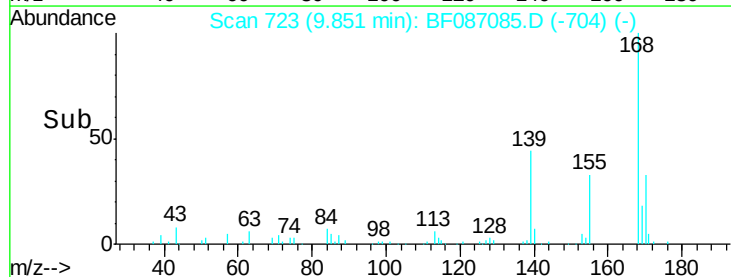
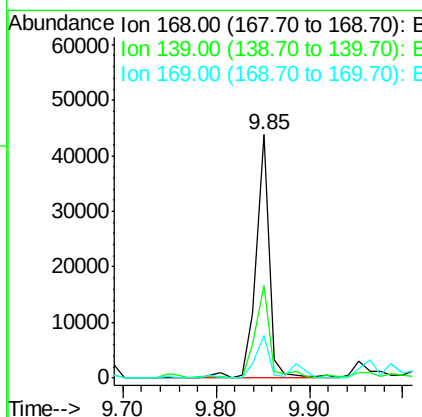
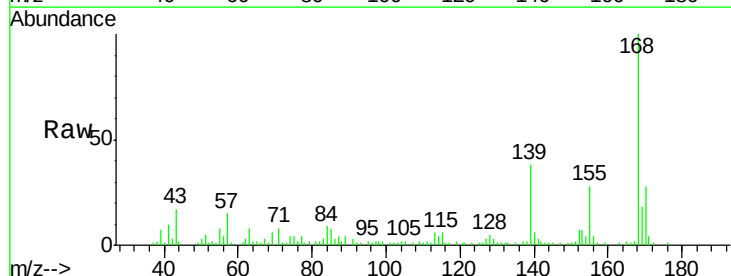
Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1720-00(0-2)RE

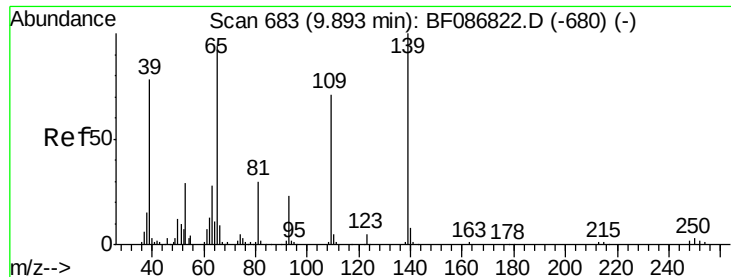
Tgt Ion:184 Resp: 264
 Ion Ratio Lower Upper
 184 100
 63 97.4 55.8 83.8#
 154 0.0 62.4 93.6#



#54
 Dibenzofuran
 Concen: 2.82 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.09 min
 Lab File: BF087085.D
 Acq: 16 May 2016 17:01

Tgt Ion:168 Resp: 43472
 Ion Ratio Lower Upper
 168 100
 139 37.8 31.4 47.0
 169 17.6 10.7 16.1#





#55

4-Nitrophenol

Concen: 4.83 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.10 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-STA-1720-00(0-2)RE

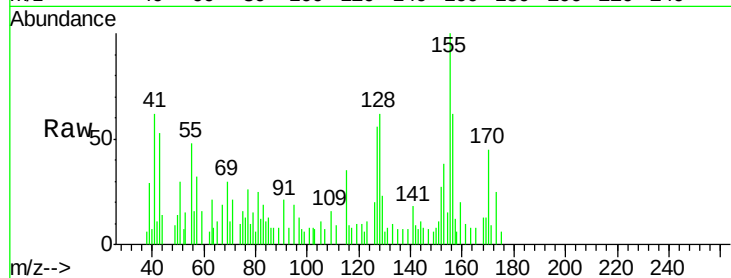
Tgt Ion:139 Resp: 680

Ion Ratio Lower Upper

139 100

109 236.1 36.9 76.9#

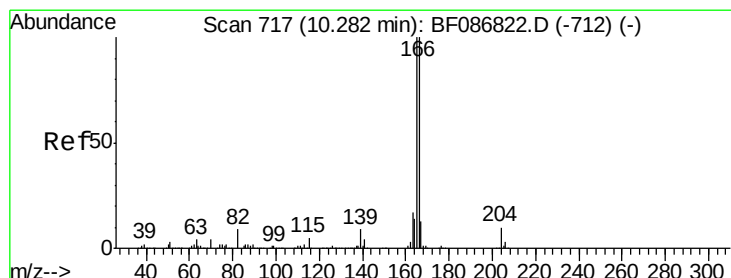
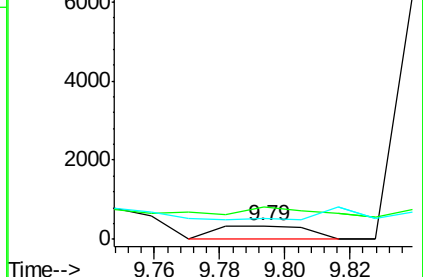
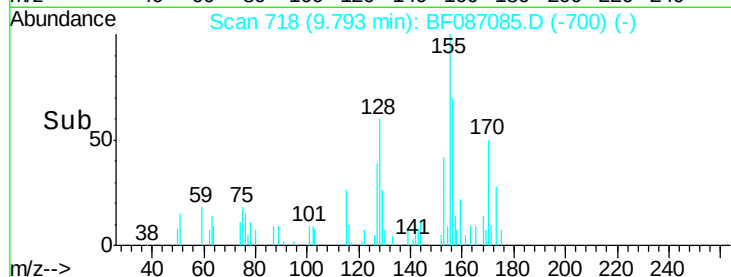
65 153.8 64.0 104.0#



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: 2.11 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.09 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

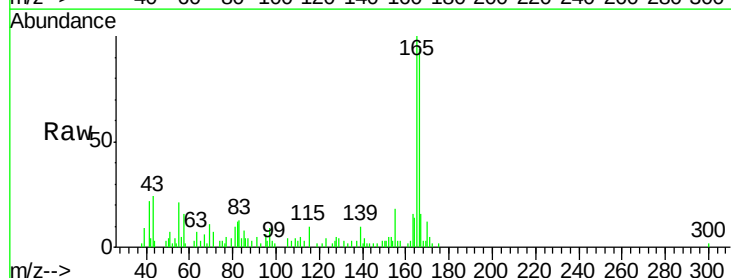
Tgt Ion:166 Resp: 27793

Ion Ratio Lower Upper

166 100

165 106.5 79.0 118.6

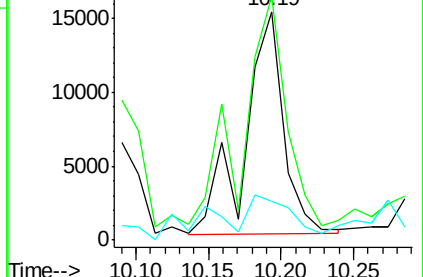
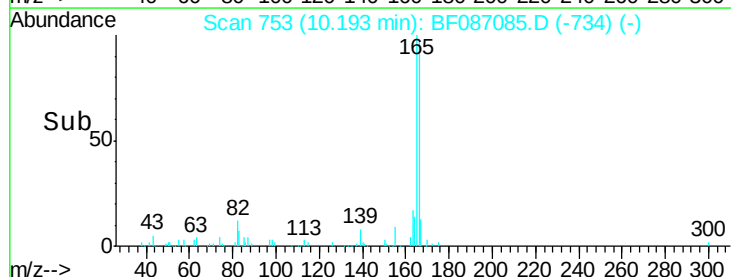
167 17.2 10.6 15.8#

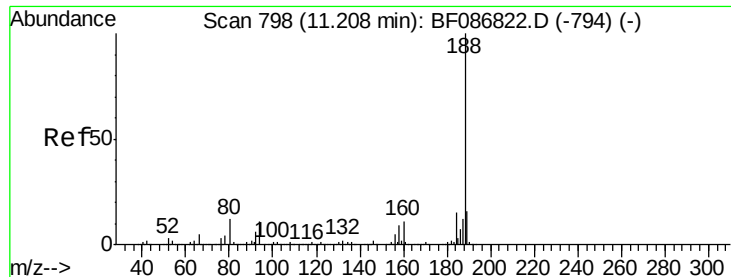


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-STA-1720-00(0-2)RE

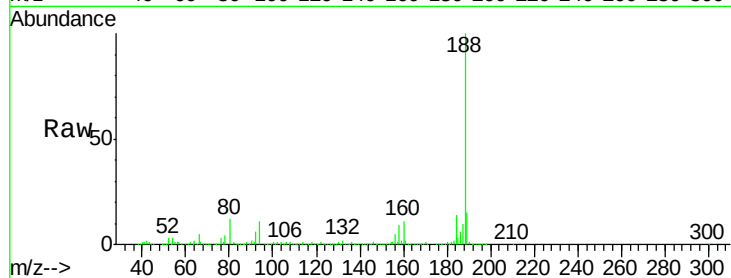
Tgt Ion:188 Resp: 330407

Ion Ratio Lower Upper

188 100

94 10.9 6.8 10.2#

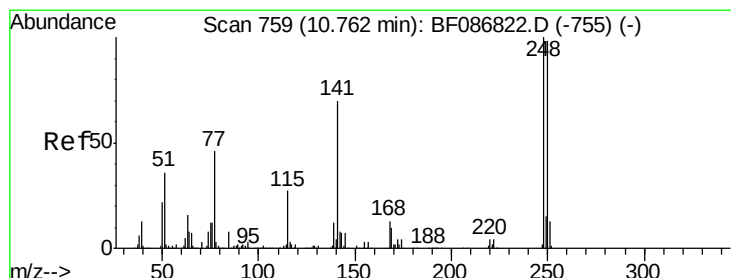
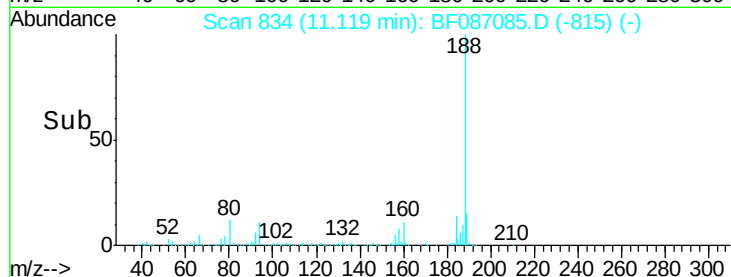
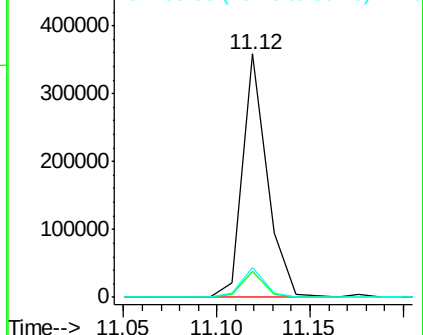
80 12.3 7.1 10.7#



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: 3.17 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

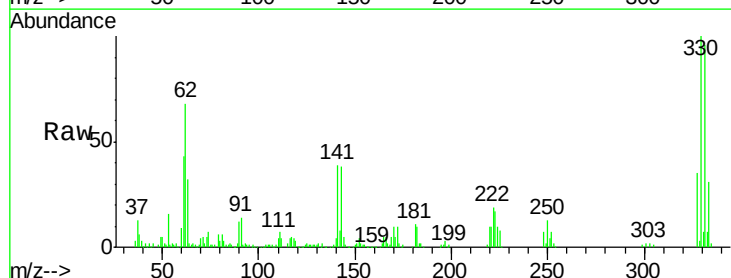
Tgt Ion:248 Resp: 10622

Ion Ratio Lower Upper

248 100

250 193.9 78.6 117.8#

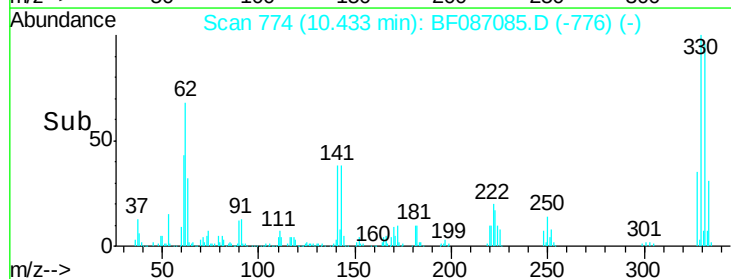
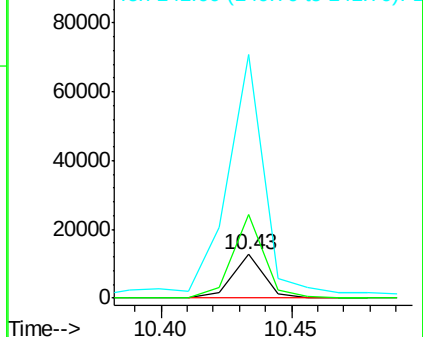
141 560.8 76.0 114.0#

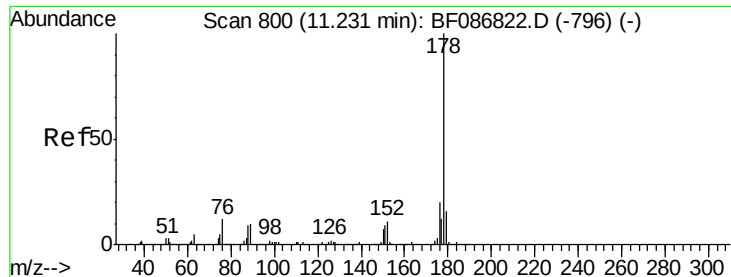


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

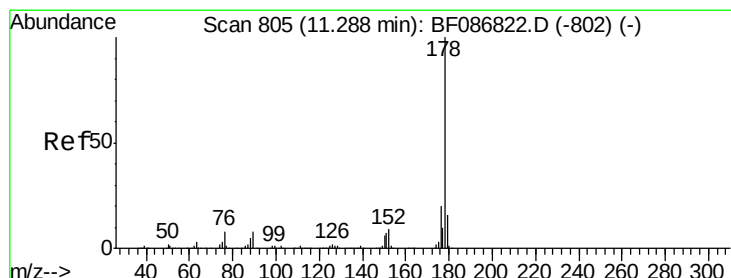
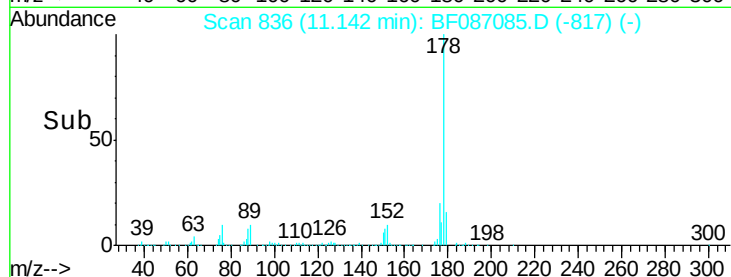
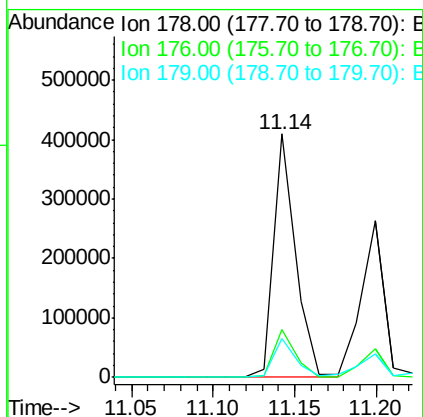
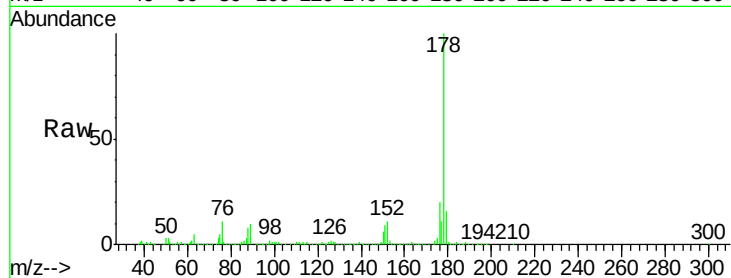




#70
Phenanthrene
Concen: 21.76 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.09 min
Lab File: BF087085.D
Acq: 16 May 2016 17:01

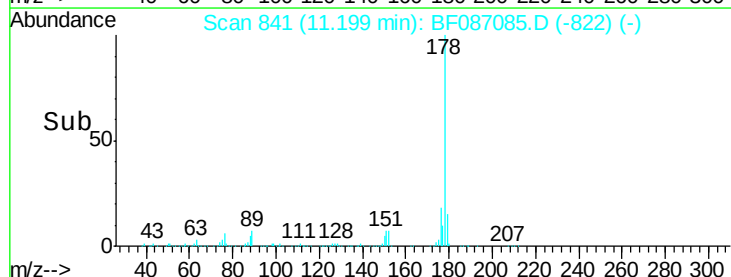
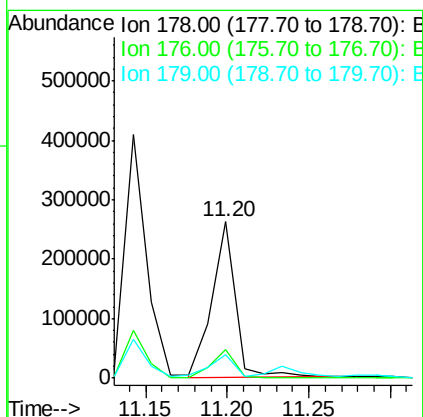
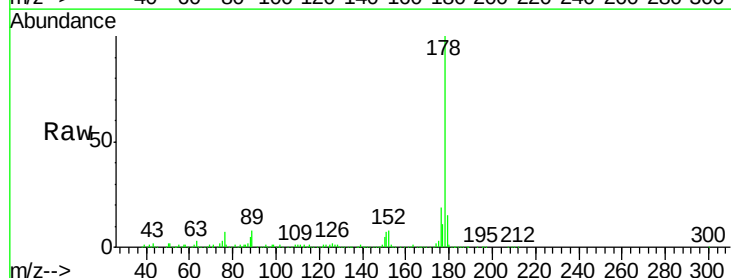
Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)RE

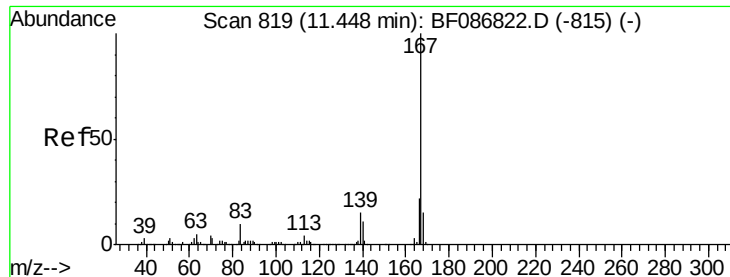
Tgt Ion:178 Resp: 383611
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.7 12.6 18.8



#71
Anthracene
Concen: 14.51 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF087085.D
Acq: 16 May 2016 17:01

Tgt Ion:178 Resp: 261610
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.0 12.7 19.1

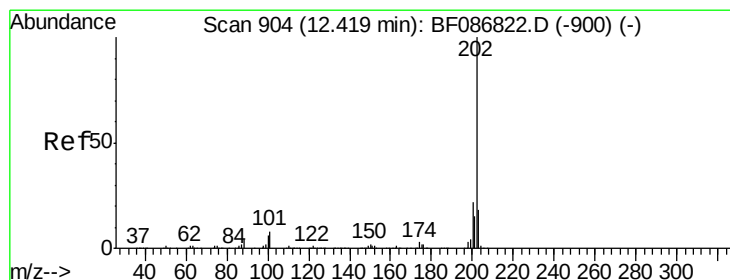
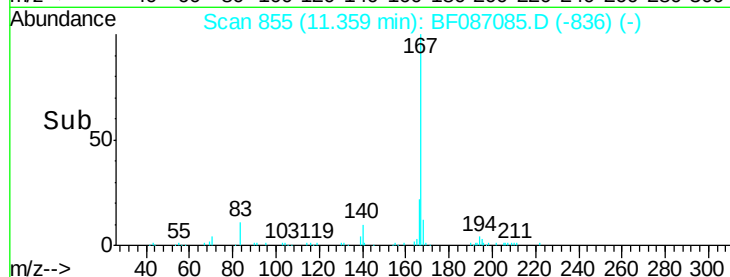
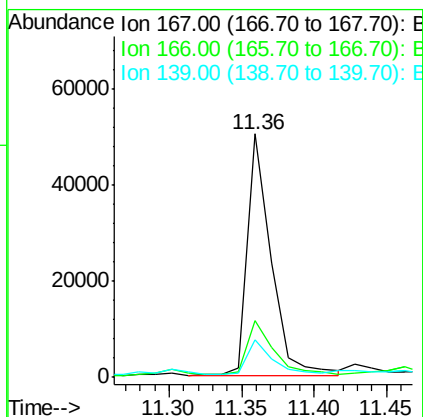
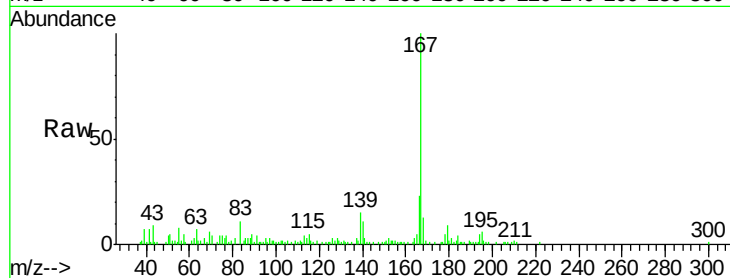




#72
 Carbazole
 Concen: 3.69 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.09 min
 Lab File: BF087085.D
 Acq: 16 May 2016 17:01

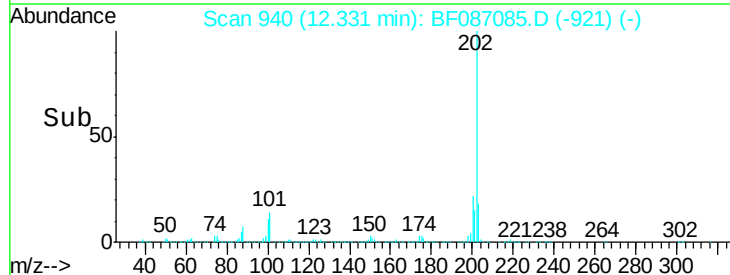
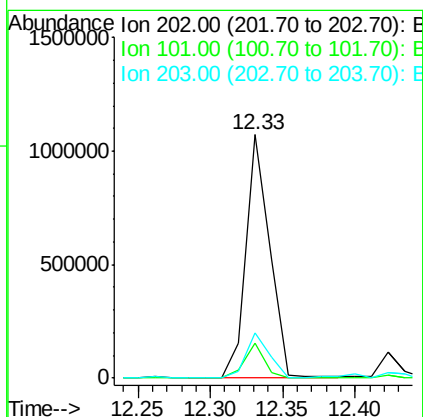
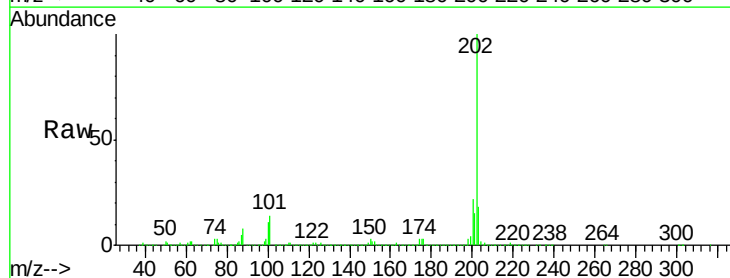
Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1720-00(0-2)RE

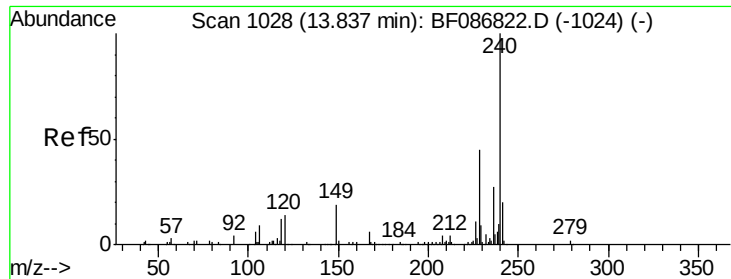
Tgt Ion:167 Resp: 57174
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.7 26.5
 139 15.4 10.8 16.2



#74
 Fluoranthene
 Concen: 66.72 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.09 min
 Lab File: BF087085.D
 Acq: 16 May 2016 17:01

Tgt Ion:202 Resp: 1210093
 Ion Ratio Lower Upper
 202 100
 101 14.5 0.0 35.4
 203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-STA-1720-00(0-2)RE

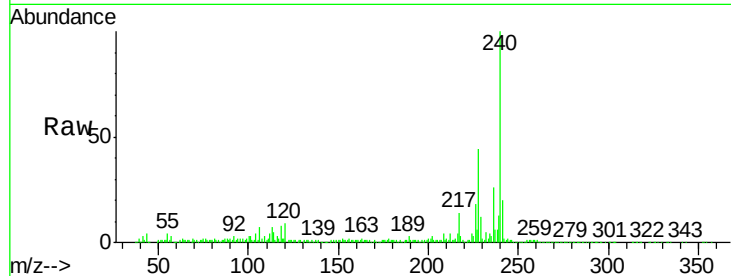
Tgt Ion:240 Resp: 294957

Ion Ratio Lower Upper

240 100

120 9.3 11.2 16.8#

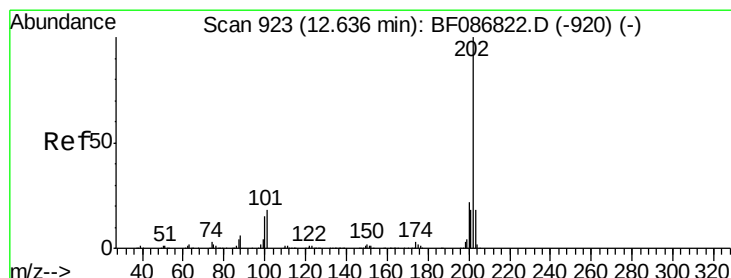
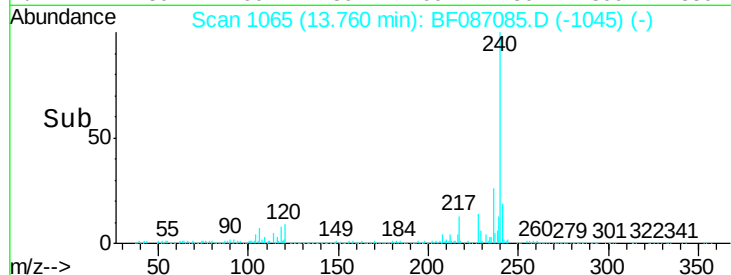
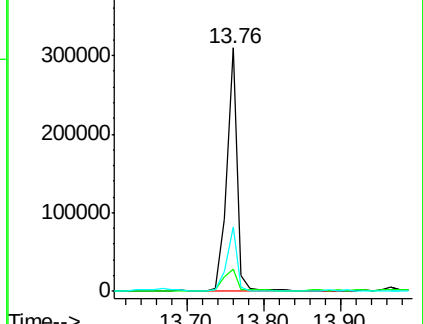
236 26.4 21.2 31.8



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: 50.51 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

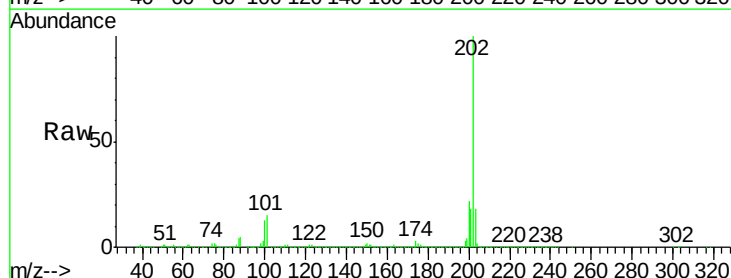
Tgt Ion:202 Resp: 1140534

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

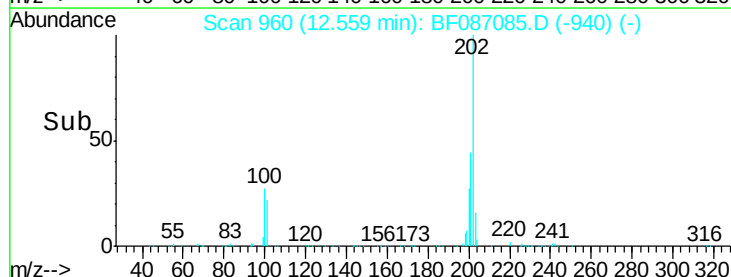
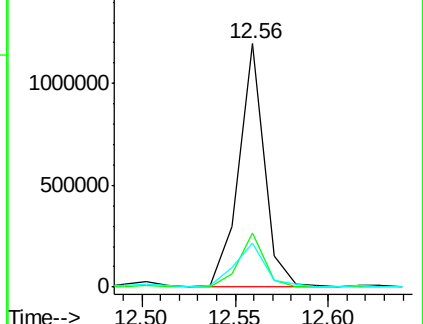
203 18.3 14.2 21.4

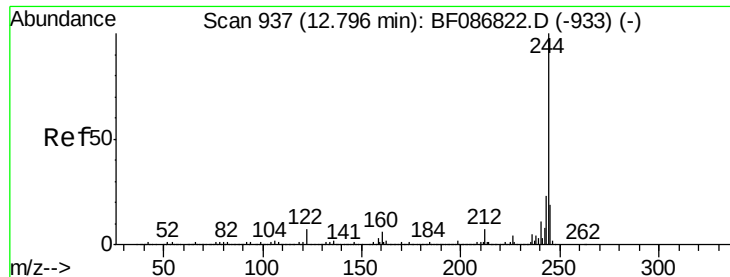


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 47.82 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-StA-1720-00(0-2)RE

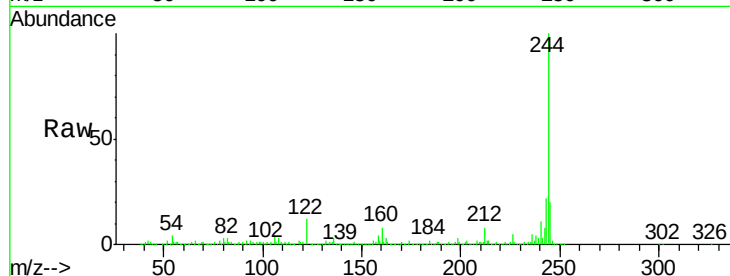
Tgt Ion:244 Resp: 664800

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

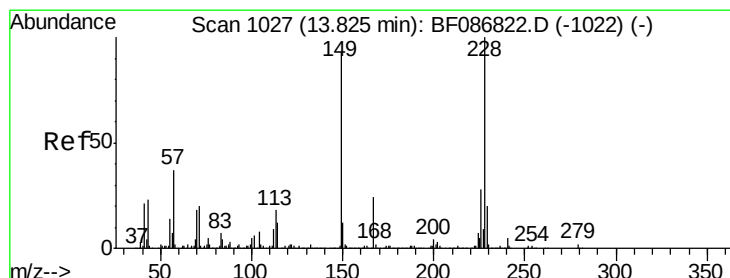
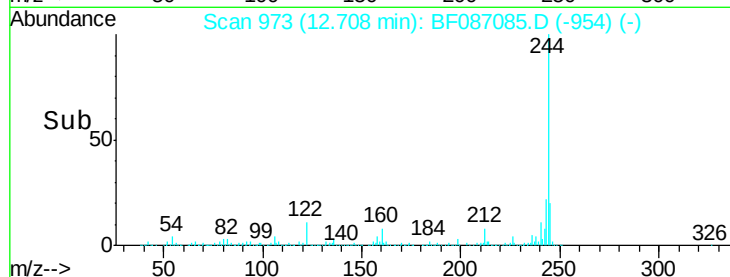
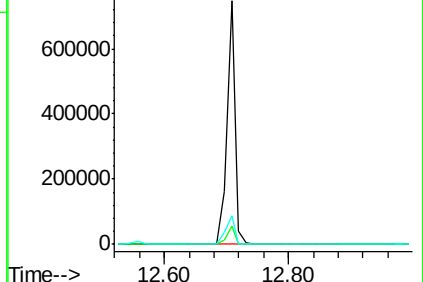
122 11.5 12.0 18.0#



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: 53.83 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

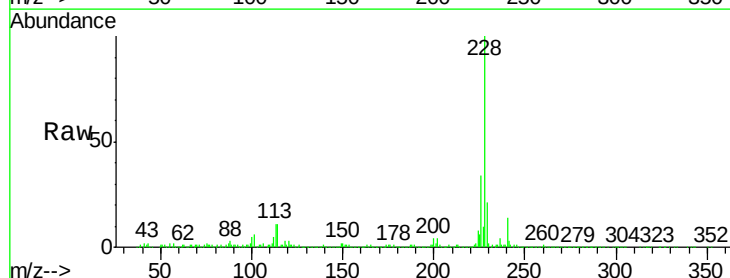
Tgt Ion:228 Resp: 891377

Ion Ratio Lower Upper

228 100

226 34.3 22.5 33.7#

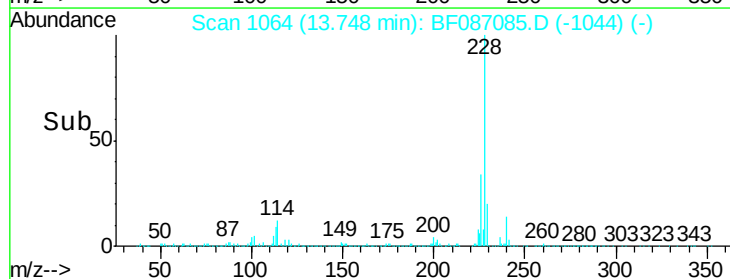
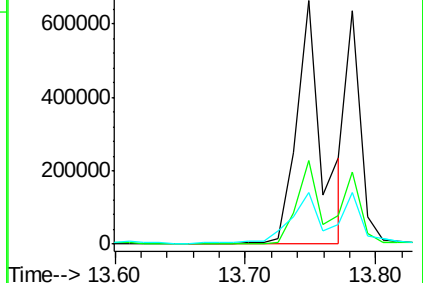
229 21.1 16.6 25.0

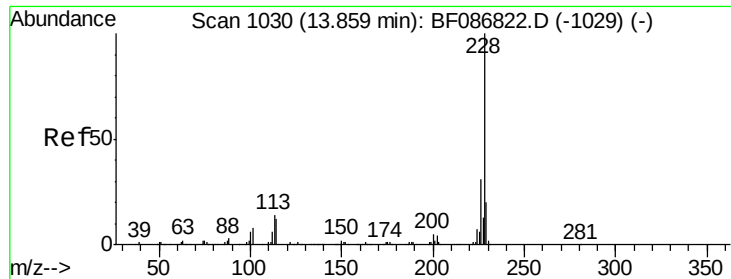


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 52.92 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.11 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-STA-1720-00(0-2)RE

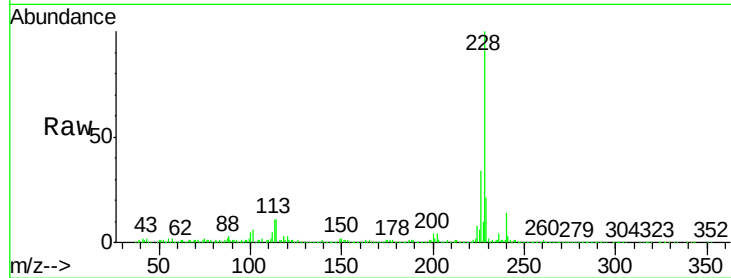
Tgt Ion:228 Resp: 891377

Ion Ratio Lower Upper

228 100

226 34.3 24.4 36.6

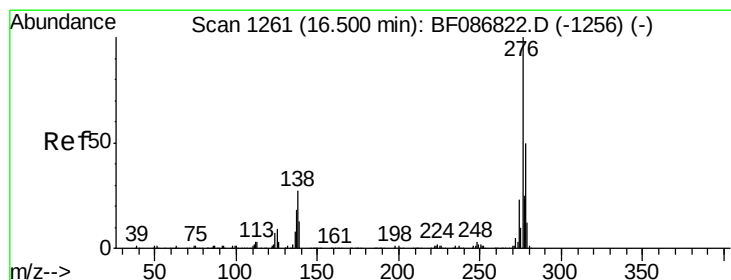
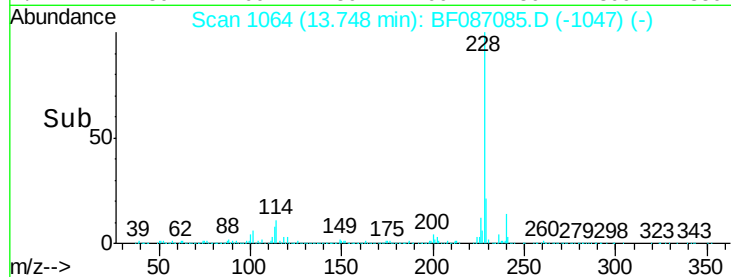
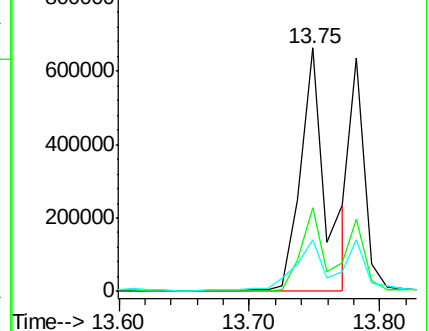
229 21.1 15.8 23.8



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: 21.19 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.12 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

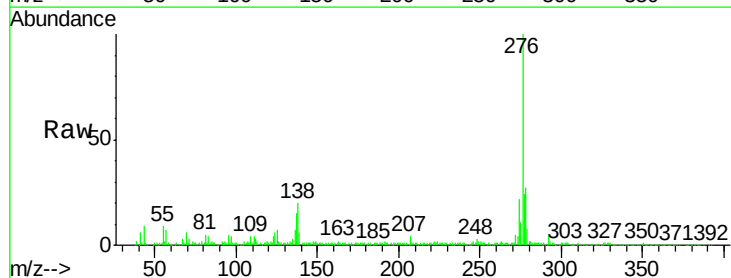
Tgt Ion:276 Resp: 296929

Ion Ratio Lower Upper

276 100

138 21.9 25.6 38.4#

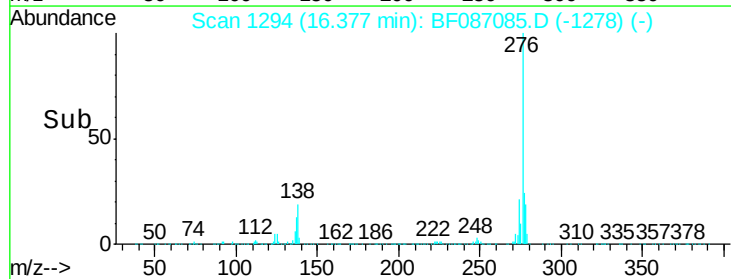
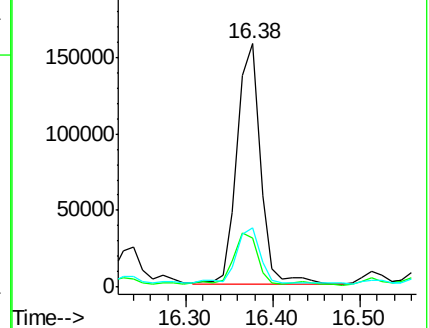
277 23.3 20.5 30.7

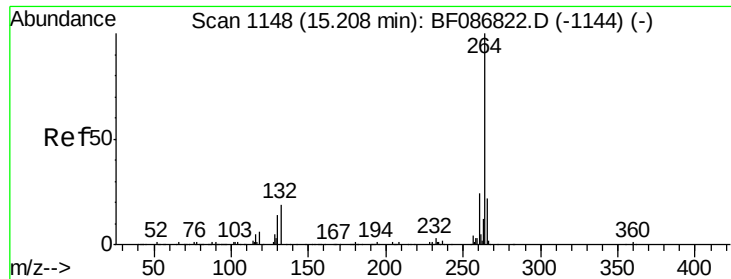


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

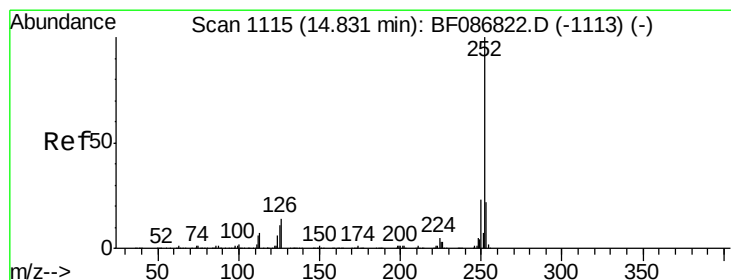
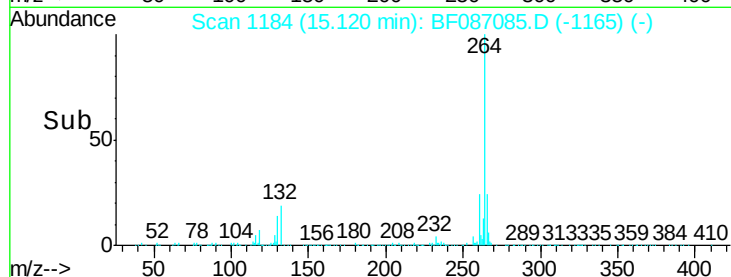
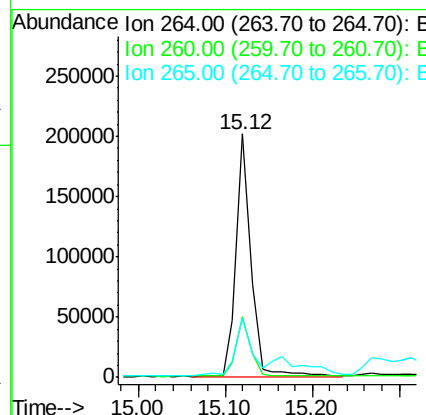
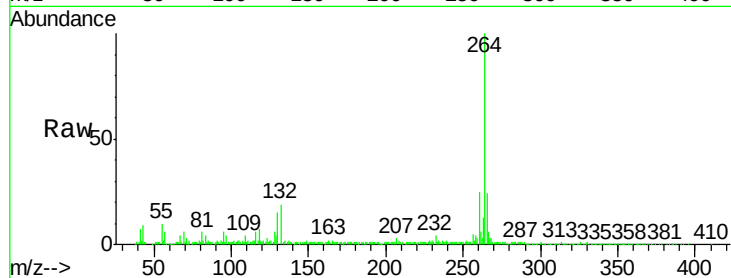




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF087085.D
Acq: 16 May 2016 17:01

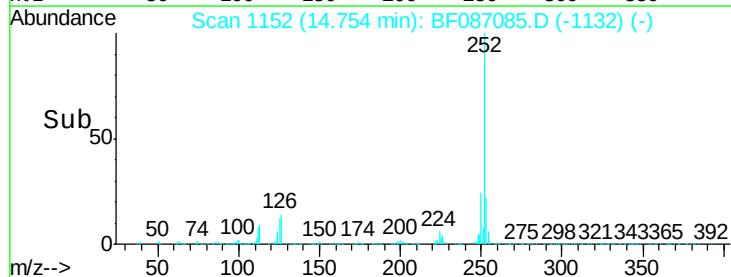
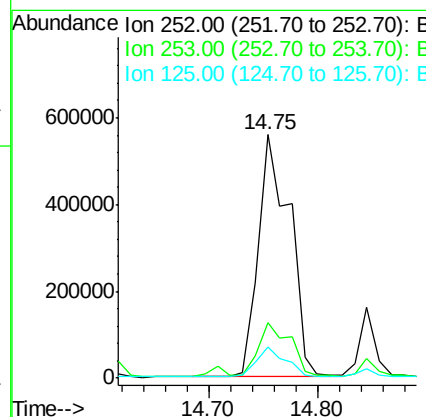
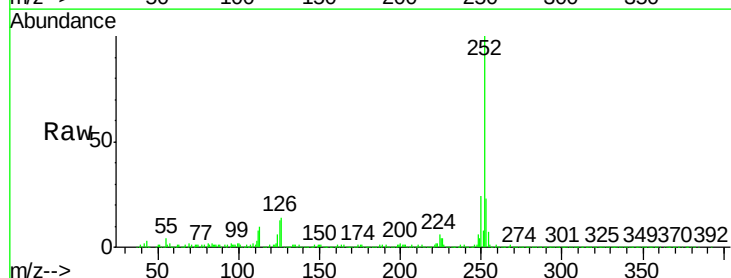
Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)RE

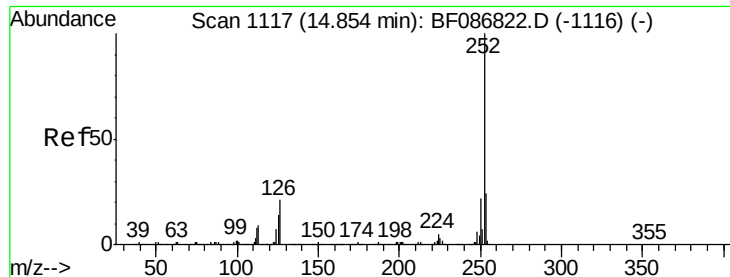
Tgt Ion:264 Resp: 239196
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 24.2 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 72.10 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.08 min
Lab File: BF087085.D
Acq: 16 May 2016 17:01

Tgt Ion:252 Resp: 1120778
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 12.6 11.4 17.0





#88

Benzo(k)fluoranthene

Concen: 88.05 ng

RT: 14.75 min Scan# 1152

Delta R.T. -0.10 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-STA-1720-00(0-2)RE

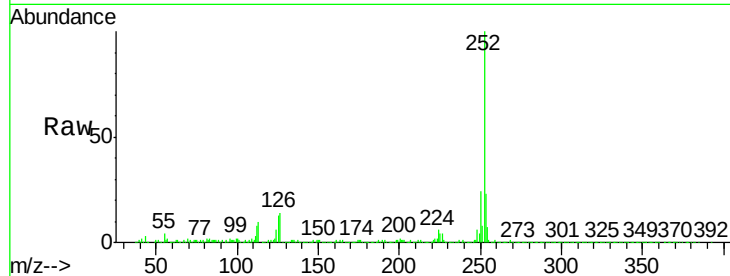
Tgt Ion:252 Resp: 1120778

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

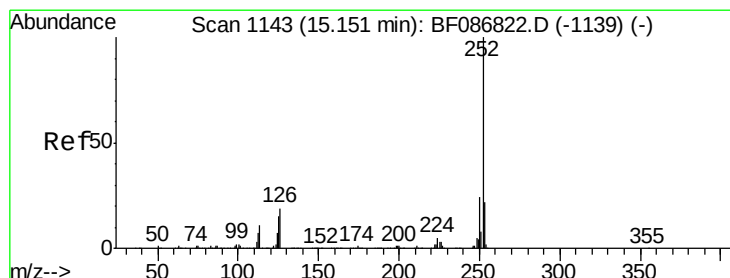
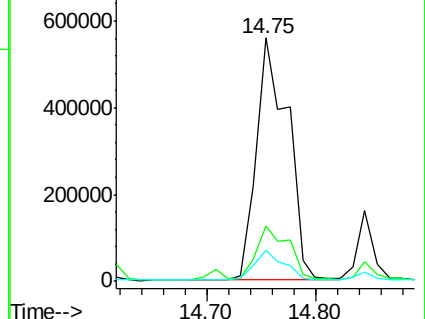
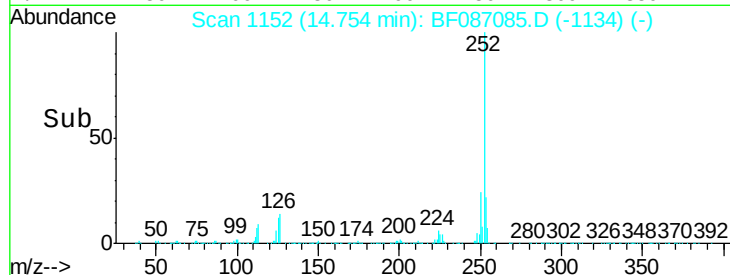
125 12.6 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 27.72 ng

RT: 15.02 min Scan# 1175

Delta R.T. -0.13 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

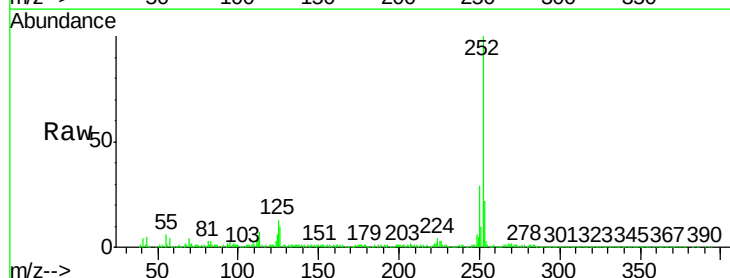
Tgt Ion:252 Resp: 371739

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

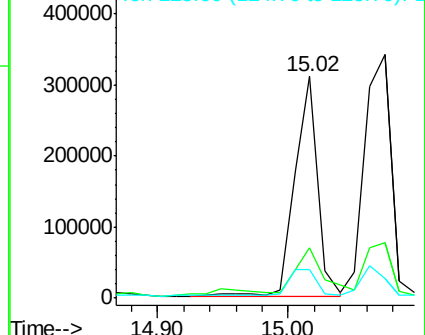
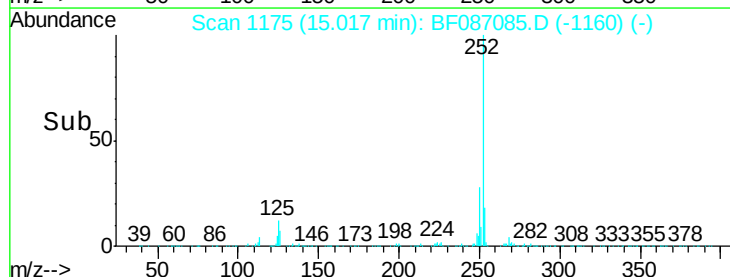
125 13.0 9.0 13.6

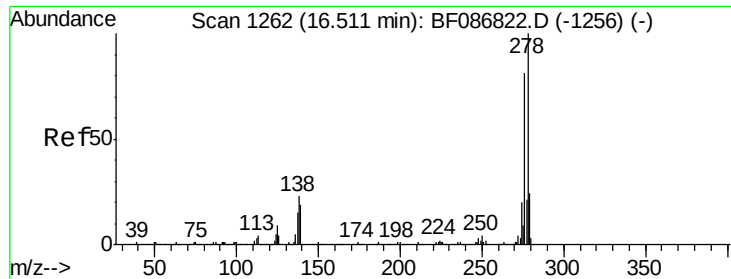


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.77 ng

RT: 16.51 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

Instrument :

BNA_F

ClientSampleId :

CH-STA-1720-00(0-2)RE

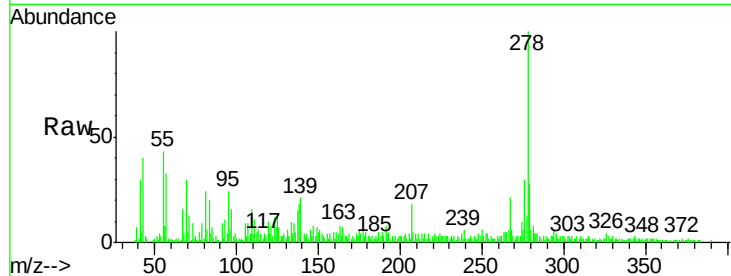
Tgt Ion:278 Resp: 53896

Ion Ratio Lower Upper

278 100

139 20.8 16.6 24.8

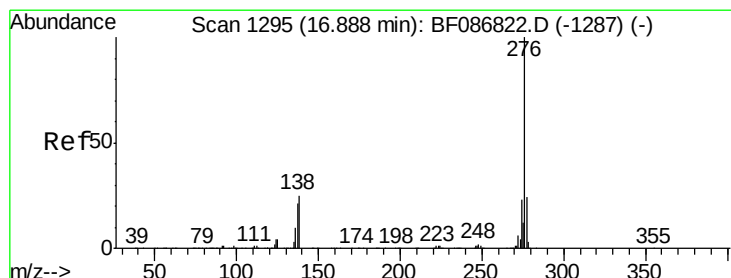
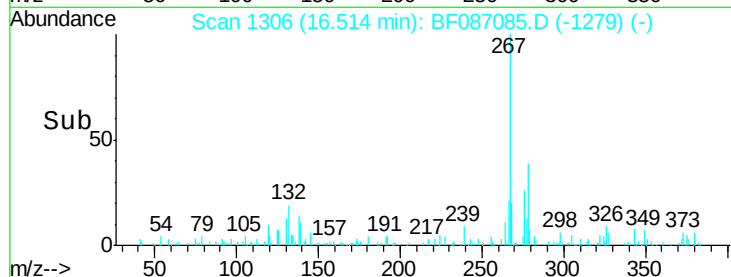
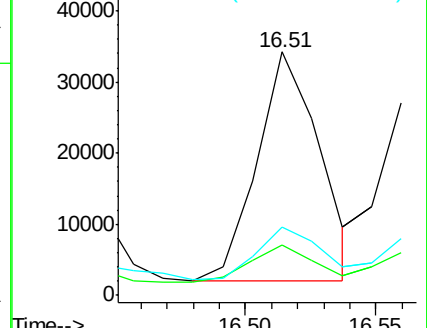
279 27.9 19.6 29.4



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: 21.52 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.13 min

Lab File: BF087085.D

Acq: 16 May 2016 17:01

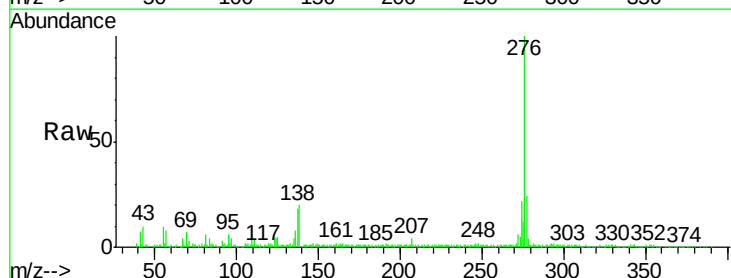
Tgt Ion:276 Resp: 247083

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 19.9 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

