

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086950.D
 Acq On : 13 May 2016 00:47
 Operator : UM/SJ
 Sample : H2994-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: May 13 02:24:56 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 00:58:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	133448	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	527917	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	217111	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	308739	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	265200	20.00	ng	0.00
86) Perylene-d12	15.13	264	257693	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	711025	90.23	ng	0.00
7) Phenol-d6	6.28	99	900021	85.46	ng	-0.01
23) Nitrobenzene-d5	7.20	82	676587	64.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	157533	68.54	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	931604	72.12	ng	0.00
78) Terphenyl-d14	12.72	244	576061	46.09	ng	0.00

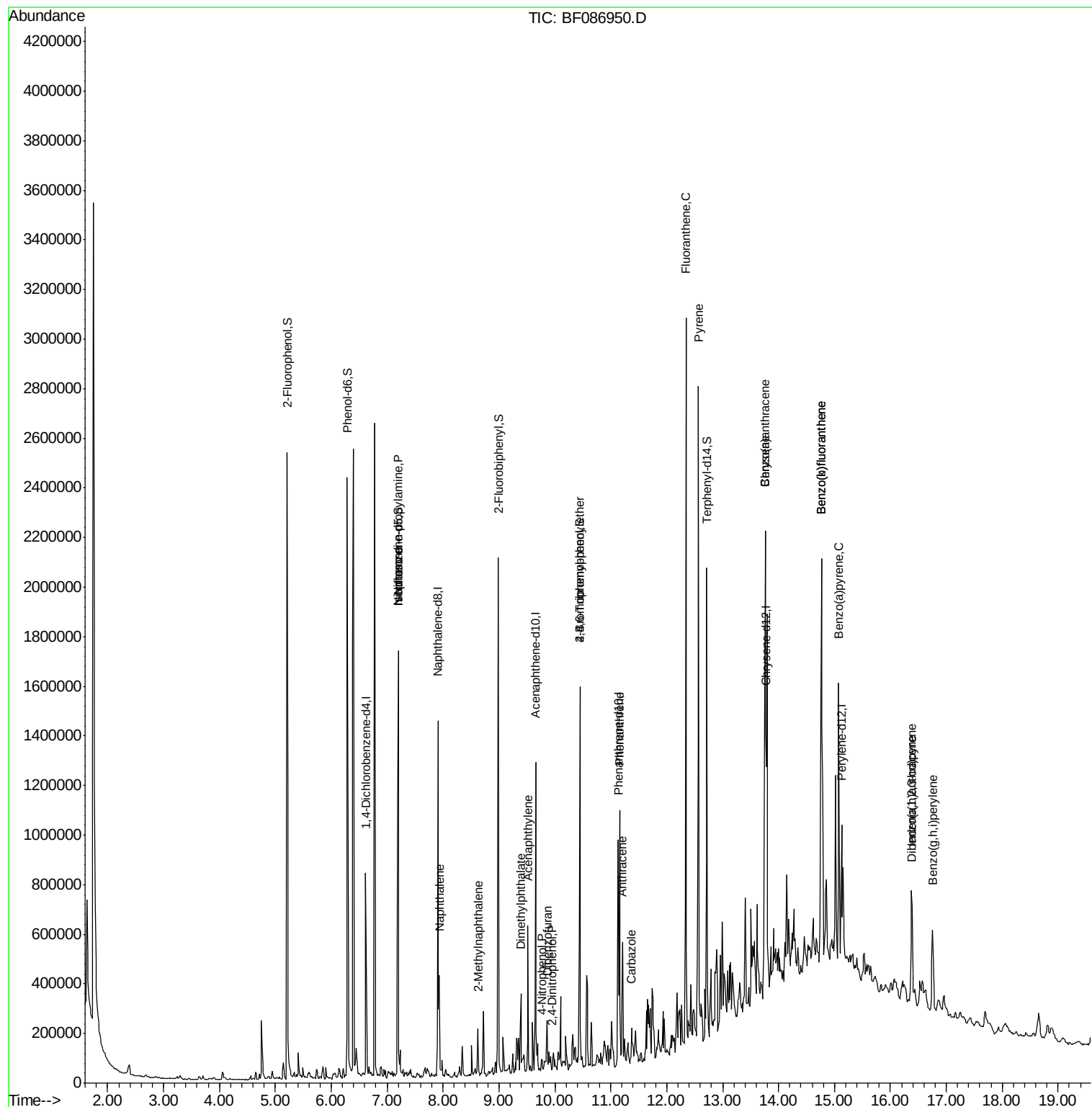
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	96894	13.17	ng	# 80
25) Isophorone	7.20	82	658346	33.75	ng	# 68
31) Naphthalene	7.93	128	146647	5.55	ng	99
37) 2-Methylnaphthalene	8.63	142	72014	4.66	ng	99
48) Acenaphthylene	9.52	152	230907	11.60	ng	98
49) Dimethylphthalate	9.39	163	88398	5.34	ng	98
53) 2,4-Dinitrophenol	9.94	184	631	8.01	ng	# 39
54) Dibenzofuran	9.86	168	45158	2.84	ng	# 97
55) 4-Nitrophenol	9.77	139	689	4.83	ng	# 25
60) 4-Chlorophenyl-phenylether	10.02	204	455	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.44	248	10095	3.23	ng	# 1
70) Phenanthrene	11.15	178	358660	21.77	ng	99
71) Anthracene	11.21	178	217065	12.88	ng	98
72) Carbazole	11.37	167	49501	3.42	ng	98
74) Fluoranthene	12.34	202	1071174	63.21	ng	98
77) Pyrene	12.57	202	1089058	53.64	ng	100
80) Benzo(a)anthracene	13.76	228	743933	49.97	ng	# 93
82) Chrysene	13.76	228	743933	49.12	ng	95
85) Indeno(1,2,3-cd)pyrene	16.38	276	293133	23.26	ng	# 90
87) Benzo(b)fluoranthene	14.77	252	1182520	70.61	ng	96
88) Benzo(k)fluoranthene	14.77	252	1182520	86.23	ng	99
89) Benzo(a)pyrene	15.07	252	491513	34.03	ng	95
90) Dibenzo(a,h)anthracene	16.39	278	89436	7.35	ng	94
91) Benzo(g,h,i)perylene	16.75	276	241280	19.50	ng	95

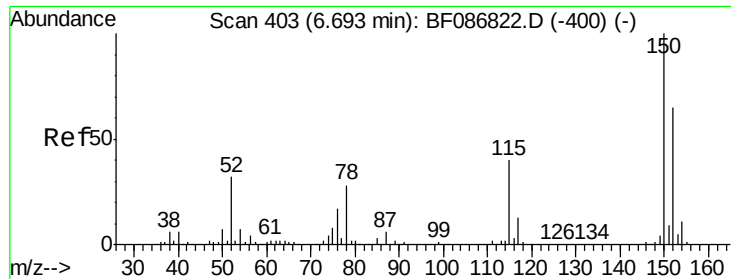
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

Instrument :

BNA_F

ClientSampleId :

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

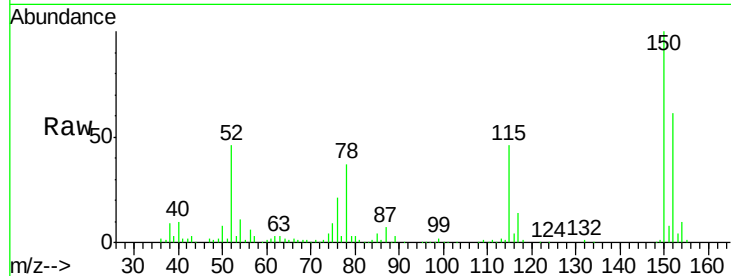
Tgt Ion:152 Resp: 133448

Ion Ratio Lower Upper

152 100

150 164.8 125.8 188.6

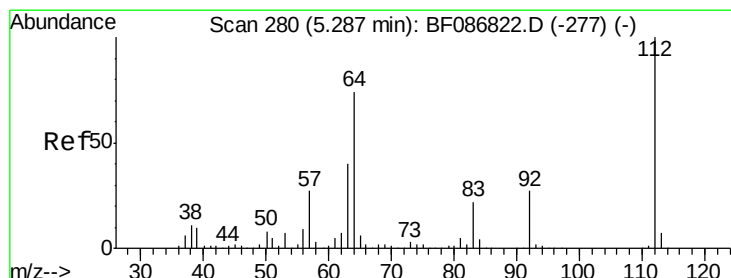
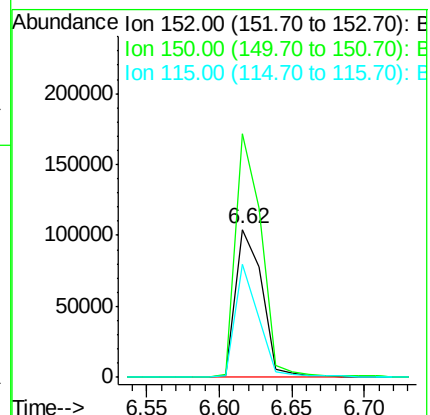
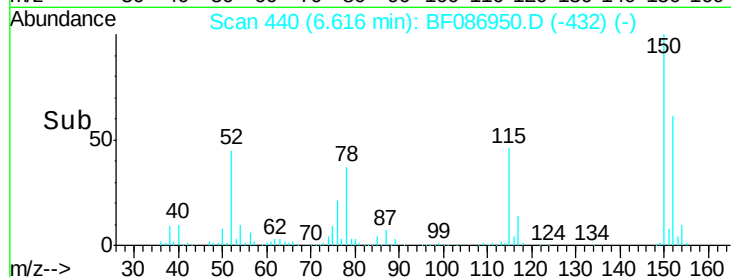
115 76.3 51.5 77.3



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: 90.23 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

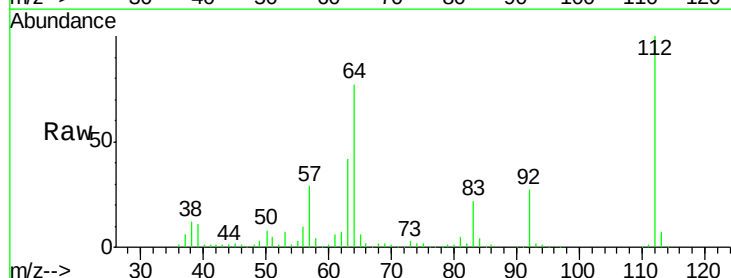
Tgt Ion:112 Resp: 711025

Ion Ratio Lower Upper

112 100

64 77.5 52.1 78.1

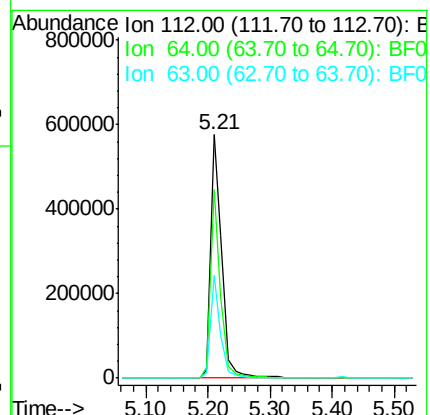
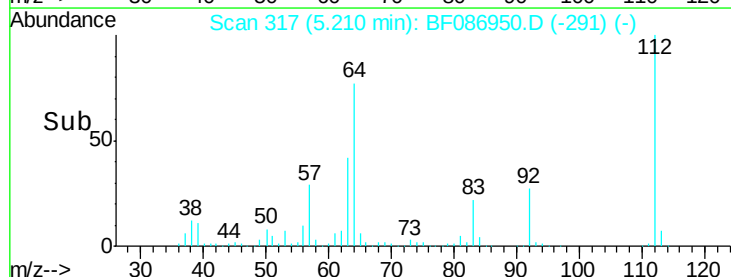
63 42.2 25.7 38.5#

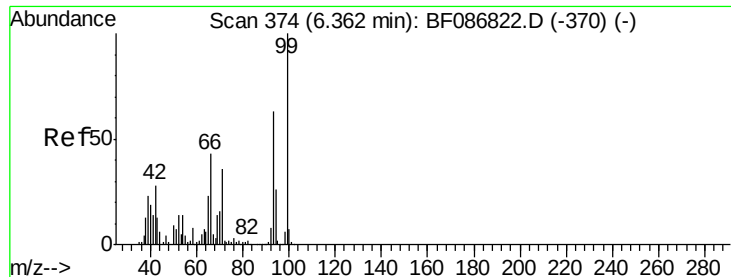


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.46 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

Instrument :

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ClientSampleId :

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

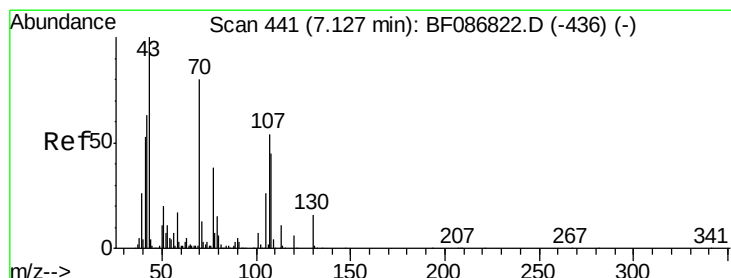
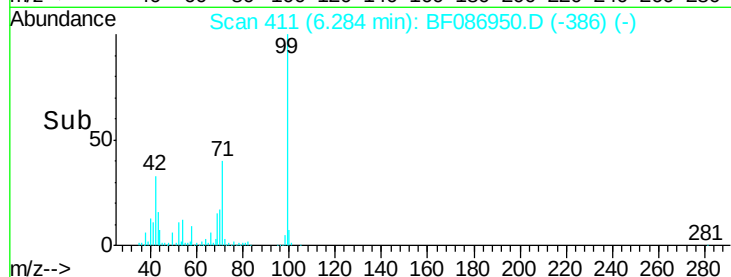
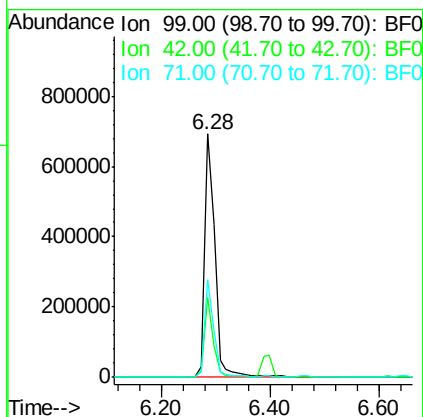
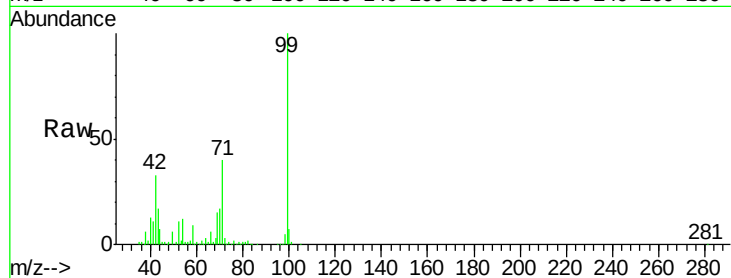
Tgt Ion: 99 Resp: 900021

Ion Ratio Lower Upper

99 100

42 33.0 13.6 20.4#

71 40.3 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 13.17 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.14 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

Tgt Ion: 70 Resp: 96894

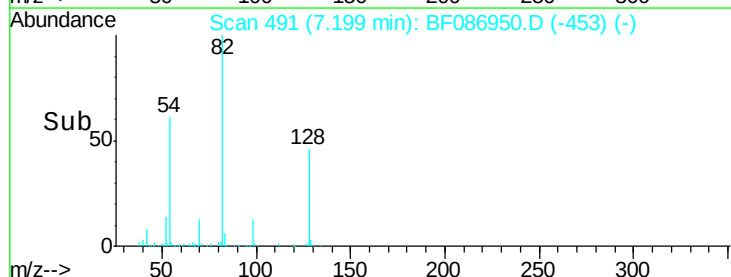
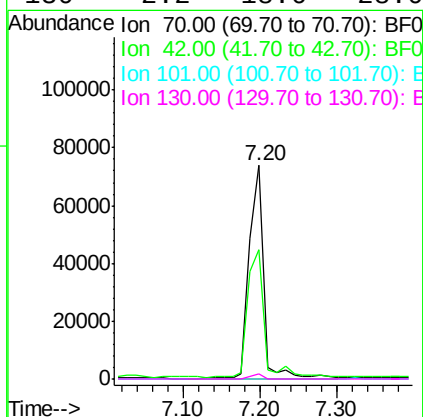
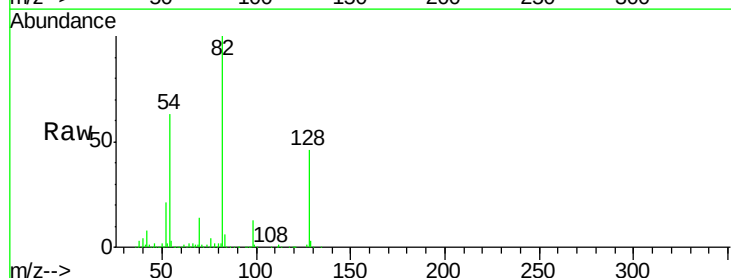
Ion Ratio Lower Upper

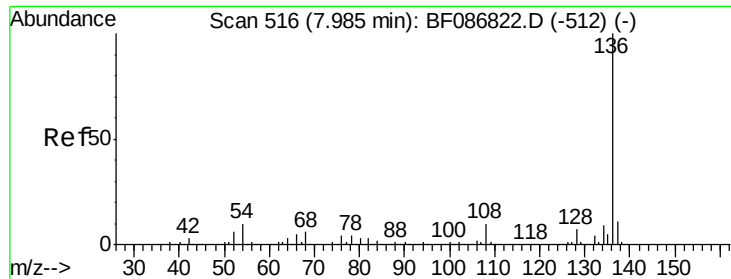
70 100

42 60.2 43.1 64.7

101 0.0 8.1 12.1#

130 2.2 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

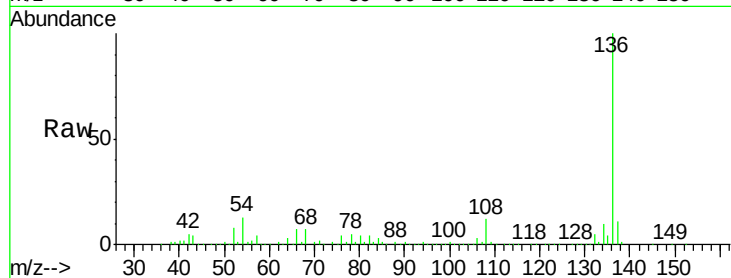
Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:	136	Resp:	527917
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.1	5.0	7.4#
68	6.9	4.4	6.6#

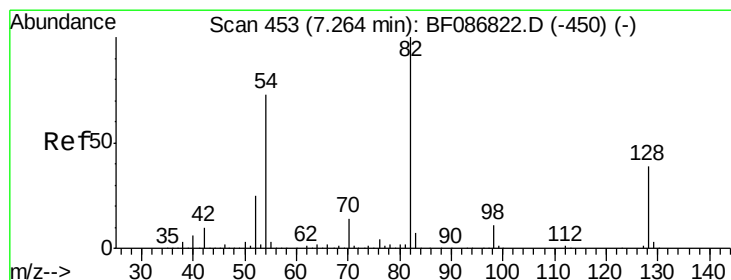
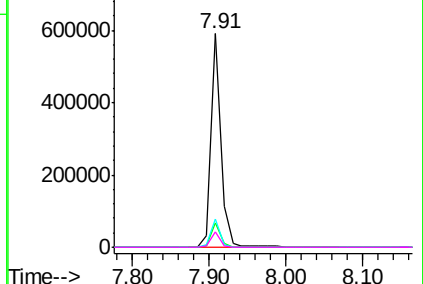
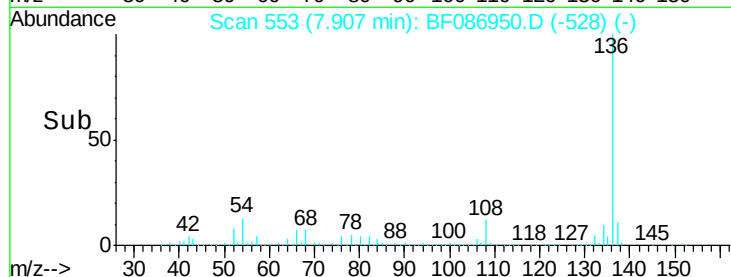


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 64.35 ng

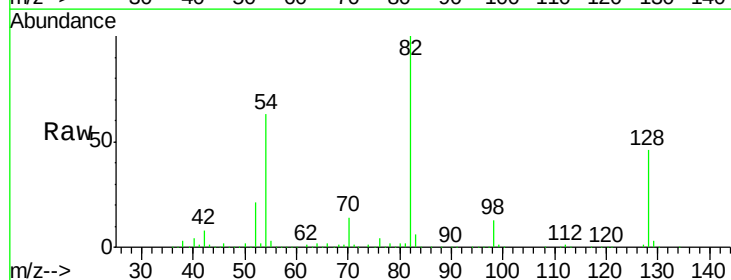
RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

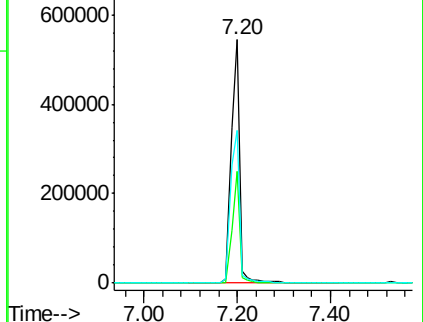
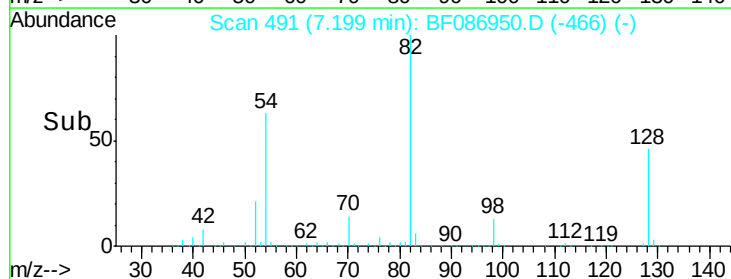
Tgt Ion:	82	Resp:	676587
Ion	Ratio	Lower	Upper
82	100		
128	46.1	40.6	61.0
54	62.7	38.1	57.1#

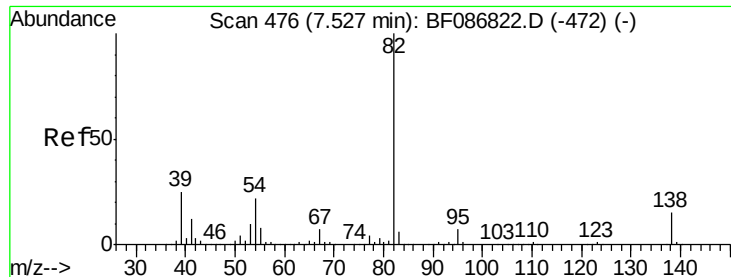


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.75 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.26 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

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

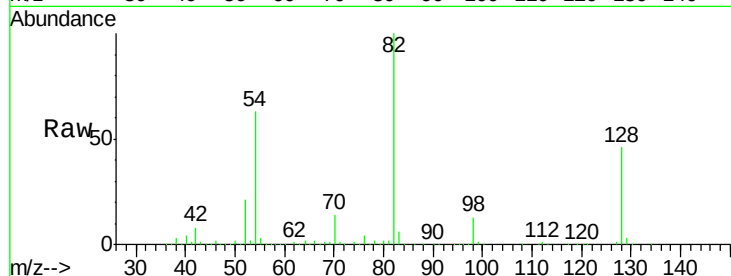
Tgt Ion: 82 Resp: 658346

Ion Ratio Lower Upper

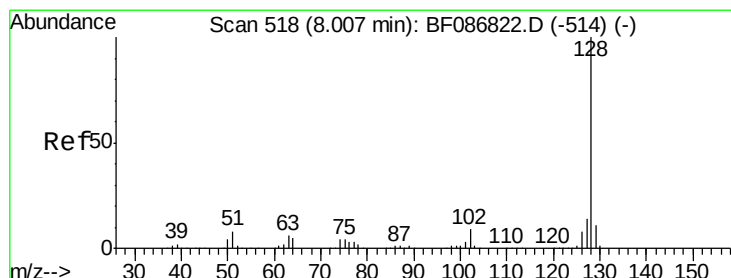
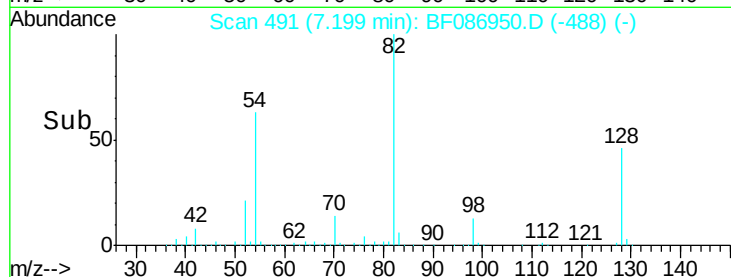
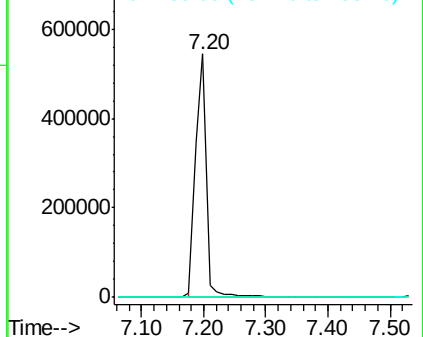
82 100

95 0.1 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 5.55 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

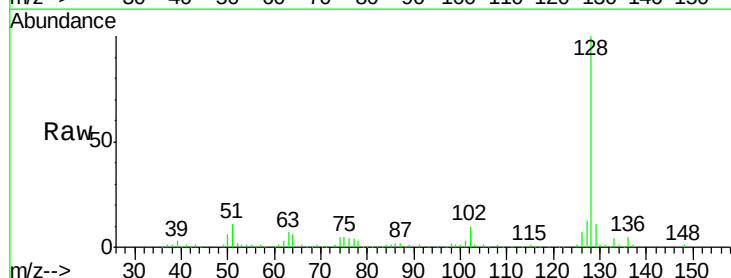
Tgt Ion: 128 Resp: 146647

Ion Ratio Lower Upper

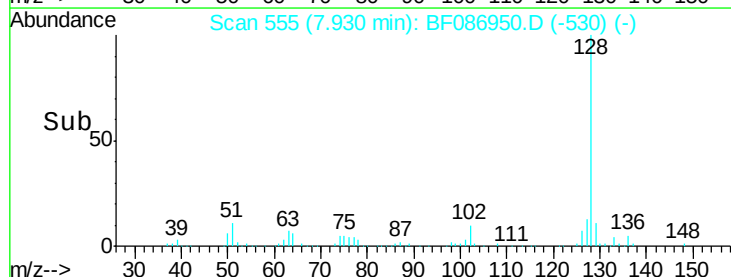
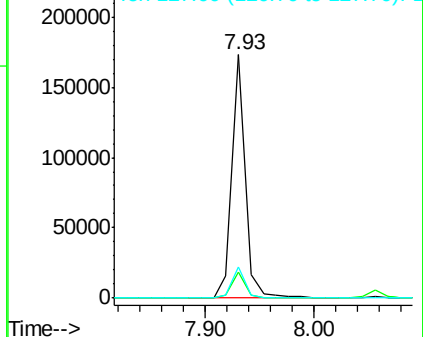
128 100

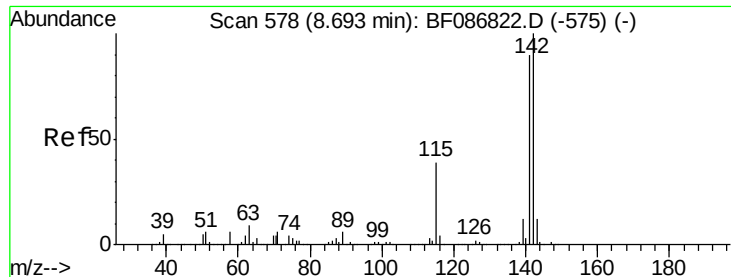
129 10.9 8.6 13.0

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

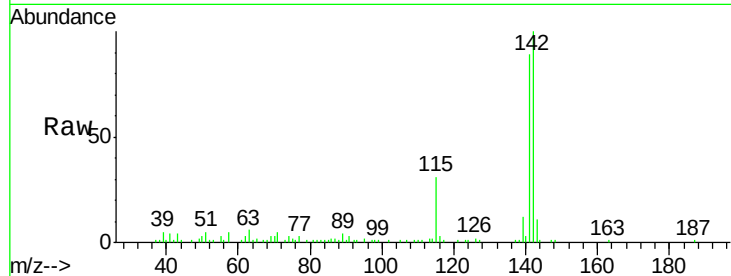




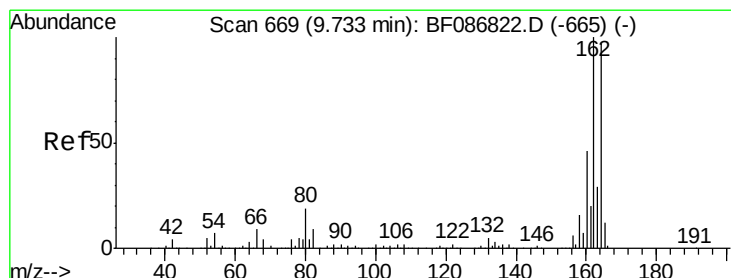
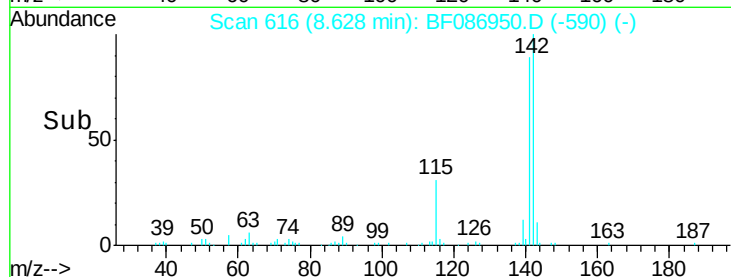
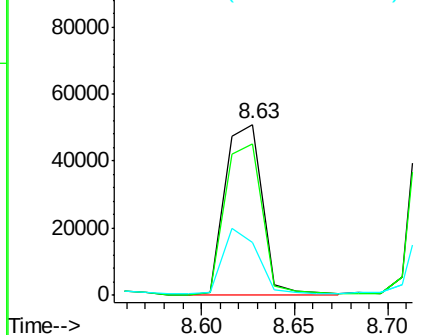
#37
 2-Methylnaphthalene
 Concen: 4.66 ng
 RT: 8.63 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

Instrument :
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 CH-STA-1720-00(0-2)

Tgt Ion:142 Resp: 72014
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.0 106.6
 115 30.9 26.6 39.8

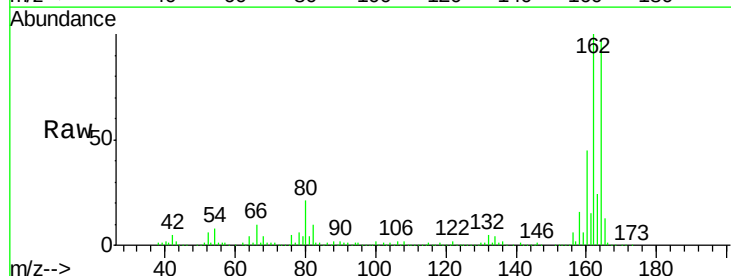


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

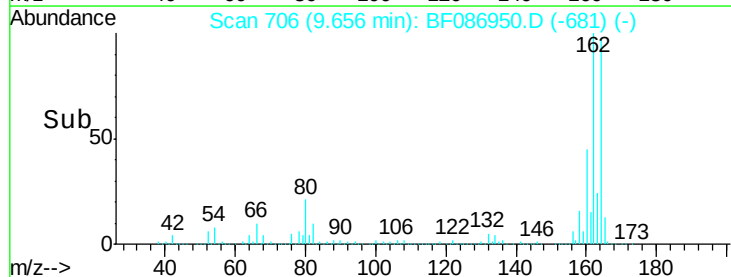
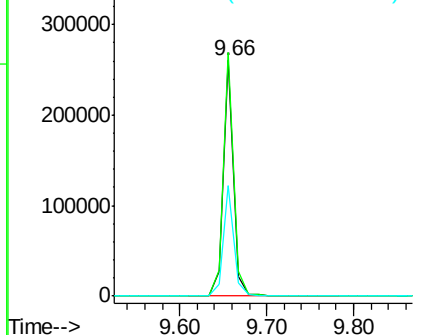


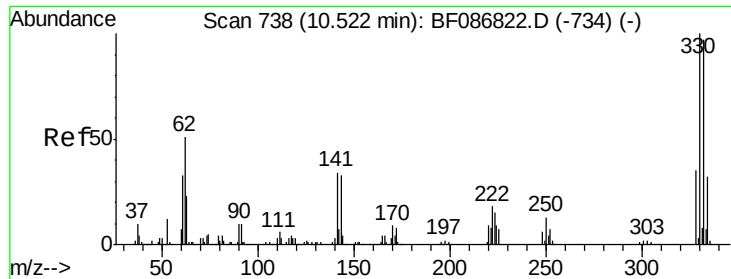
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

Tgt Ion:164 Resp: 217111
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 46.7 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

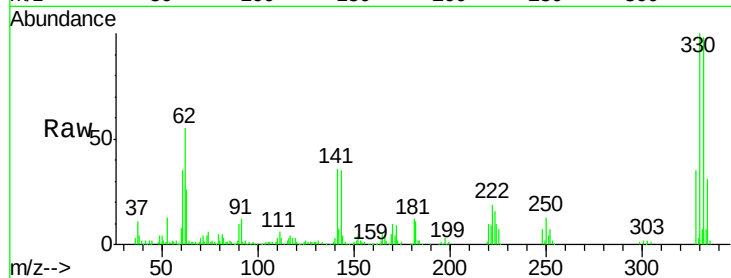




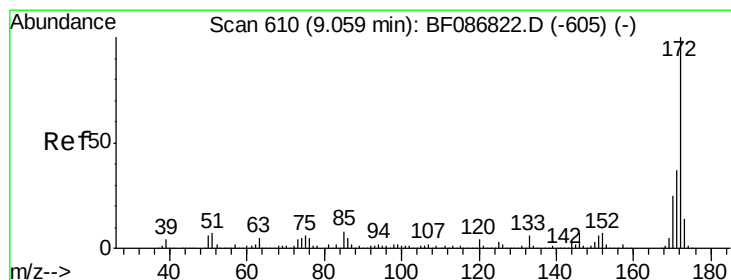
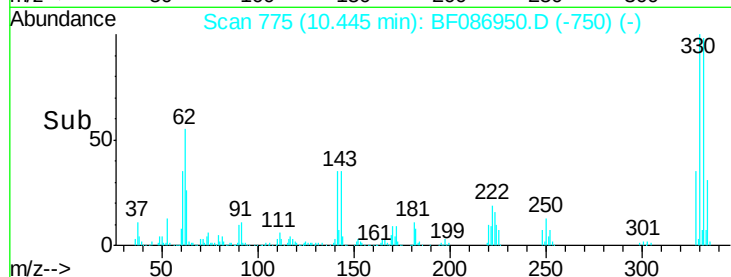
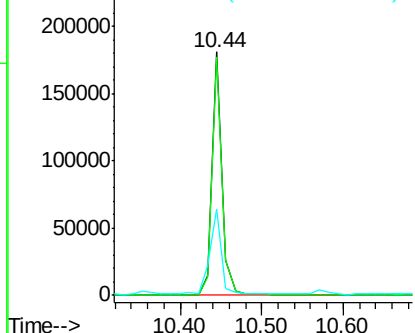
#41
 2,4,6-Tribromophenol
 Concen: 68.54 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

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

Tgt Ion:330 Resp: 157533
 Ion Ratio Lower Upper
 330 100
 332 98.5 79.0 118.4
 141 43.2 31.2 46.8

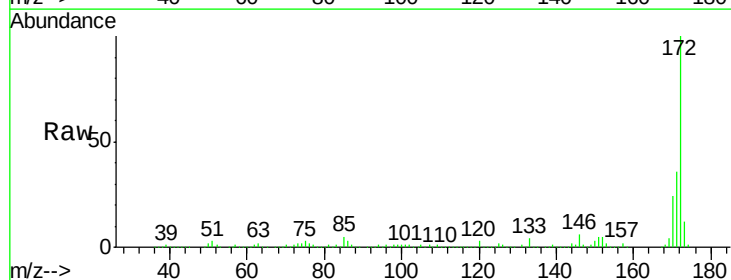


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

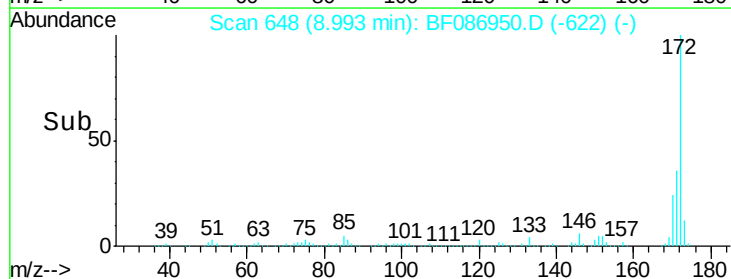
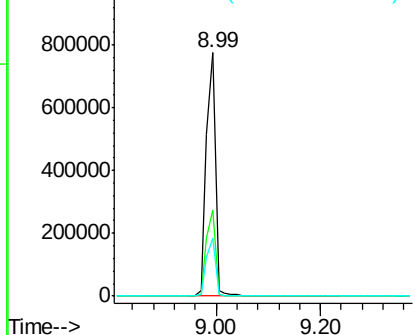


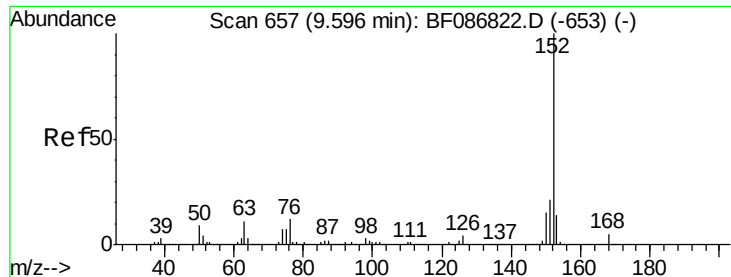
#44
 2-Fluorobiphenyl
 Concen: 72.12 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

Tgt Ion:172 Resp: 931604
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.7 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: 11.60 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

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ClientSampleId :

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

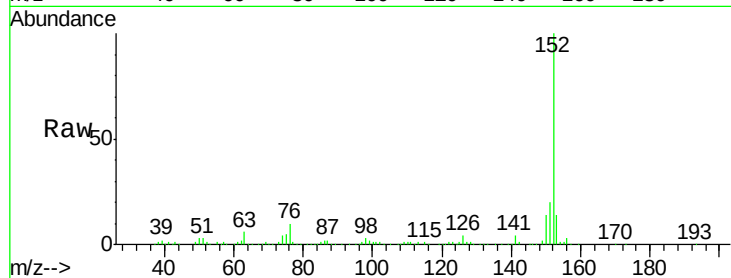
Tgt Ion:152 Resp: 230907

Ion Ratio Lower Upper

152 100

151 19.6 16.8 25.2

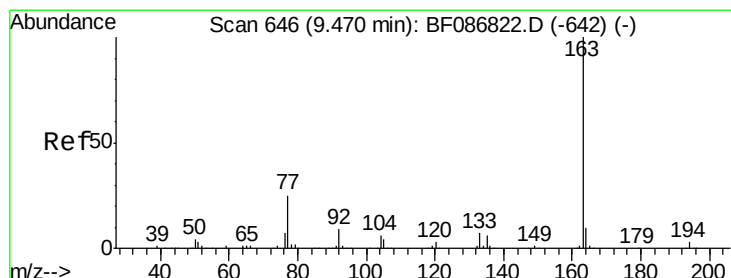
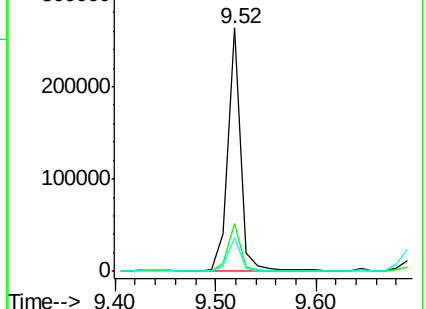
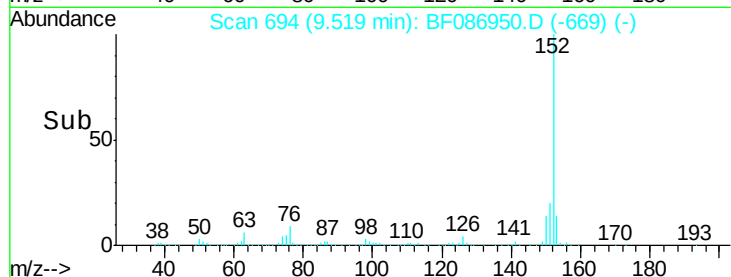
153 13.8 10.9 16.3



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: 5.34 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

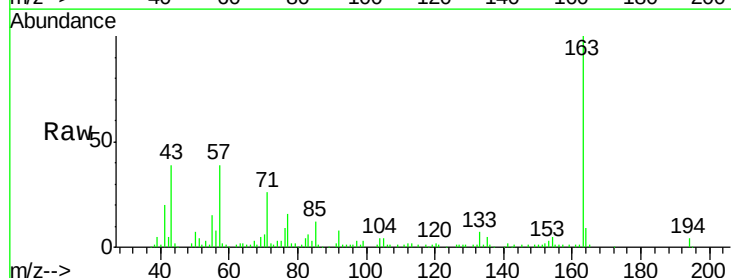
Tgt Ion:163 Resp: 88398

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

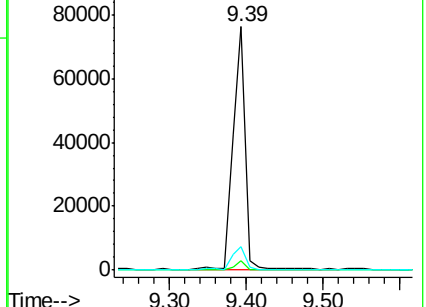
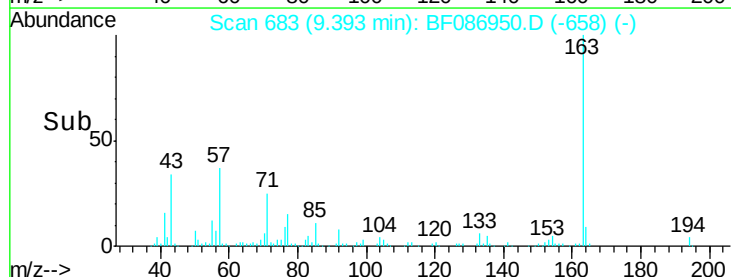
164 9.5 8.2 12.4

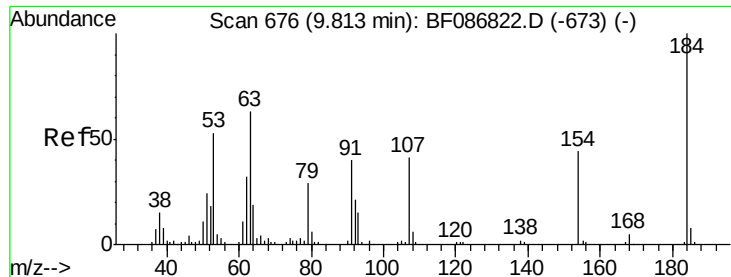


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

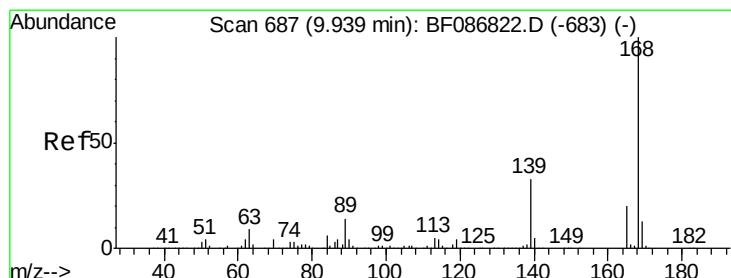
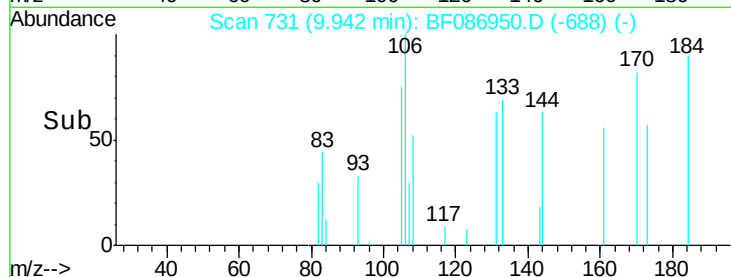
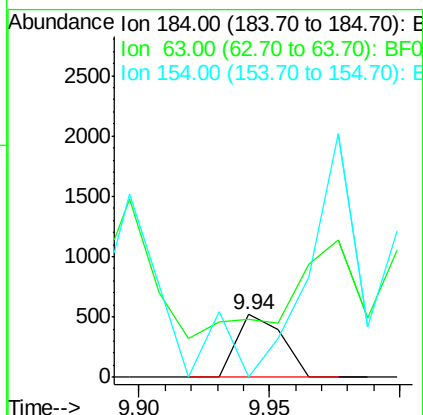
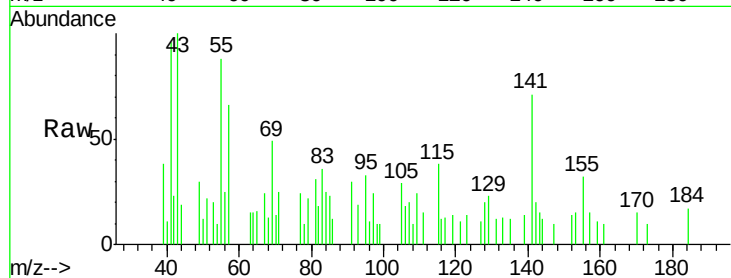




#53
 2,4-Dinitrophenol
 Concen: 8.01 ng
 RT: 9.94 min Scan# 731
 Delta R.T. 0.19 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

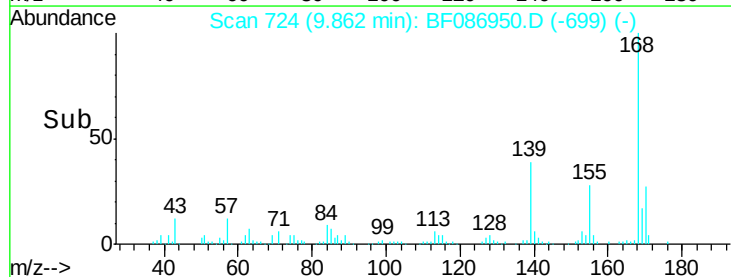
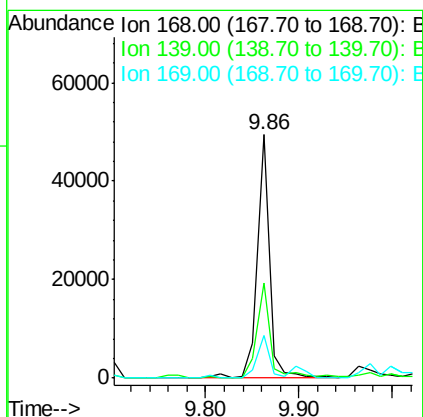
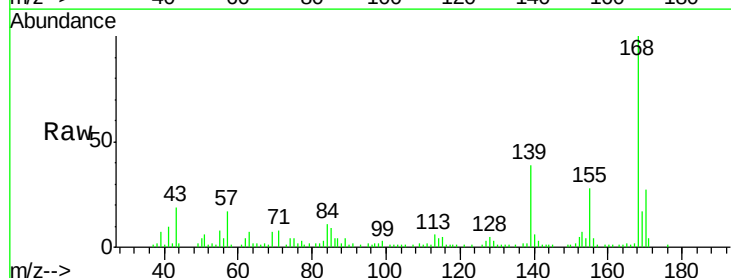
Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1720-00(0-2)

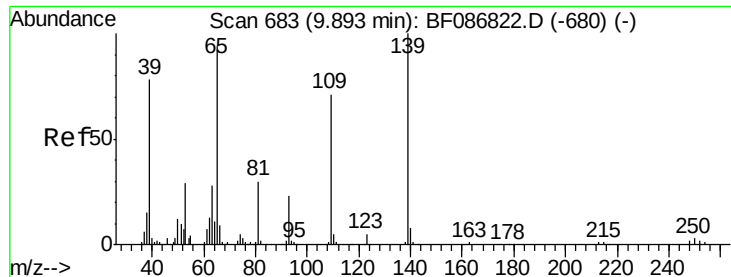
Tgt Ion:184 Resp: 631
 Ion Ratio Lower Upper
 184 100
 63 92.7 55.8 83.8#
 154 0.0 62.4 93.6#



#54
 Dibenzofuran
 Concen: 2.84 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

Tgt Ion:168 Resp: 45158
 Ion Ratio Lower Upper
 168 100
 139 38.8 31.4 47.0
 169 17.4 10.7 16.1#





#55

4-Nitrophenol

Concen: 4.83 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.06 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

Instrument :

BNA_F

ClientSampleId :

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

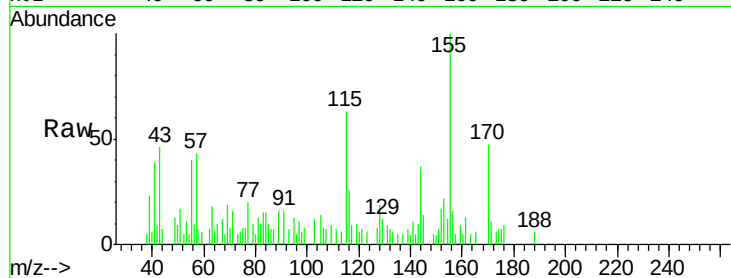
Tgt Ion:139 Resp: 689

Ion Ratio Lower Upper

139 100

109 120.9 36.9 76.9#

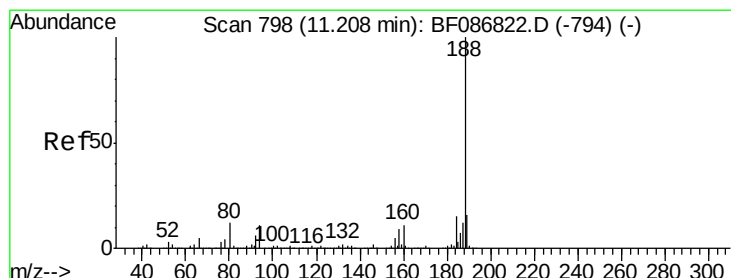
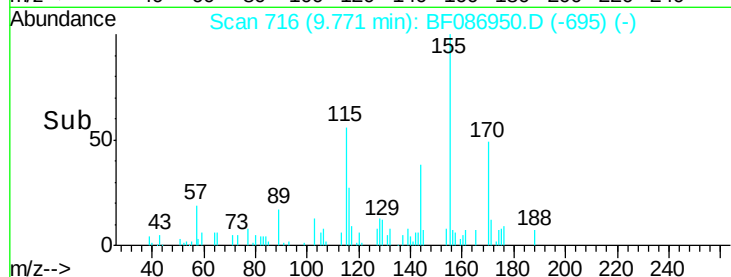
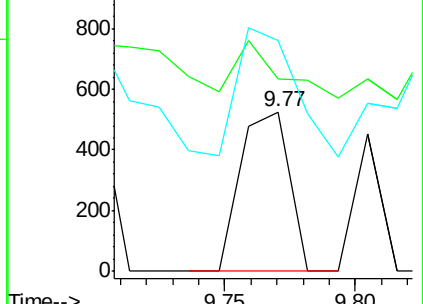
65 144.7 64.0 104.0#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

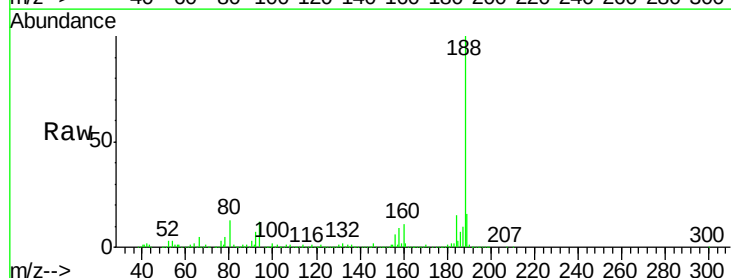
Tgt Ion:188 Resp: 308739

Ion Ratio Lower Upper

188 100

94 12.0 6.8 10.2#

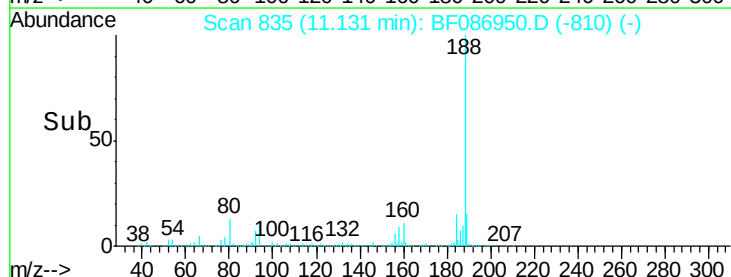
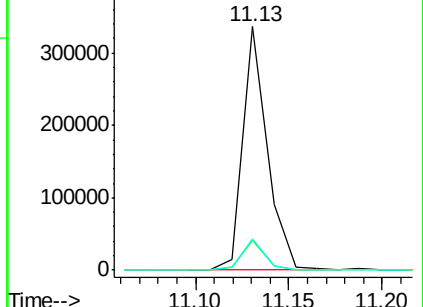
80 12.9 7.1 10.7#

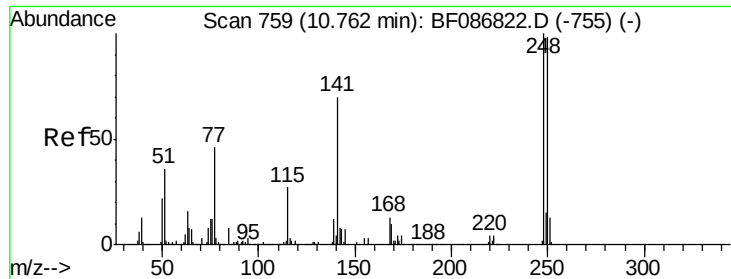


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

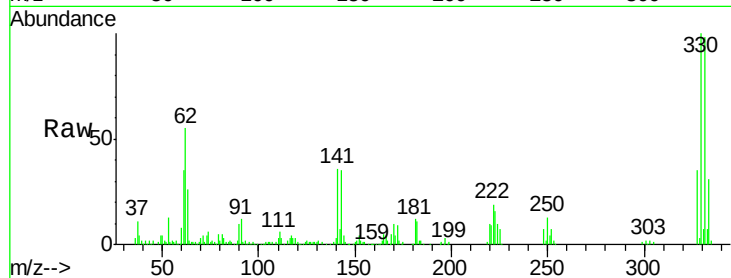




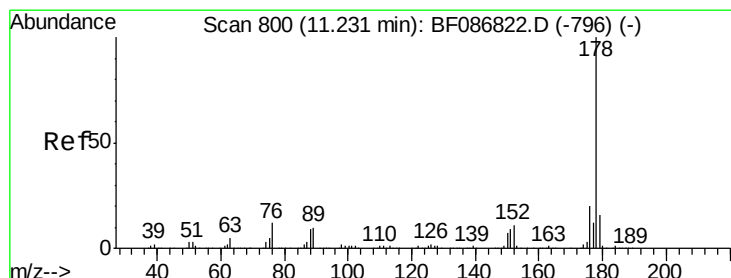
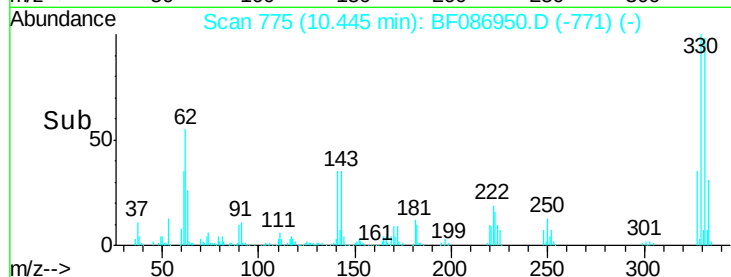
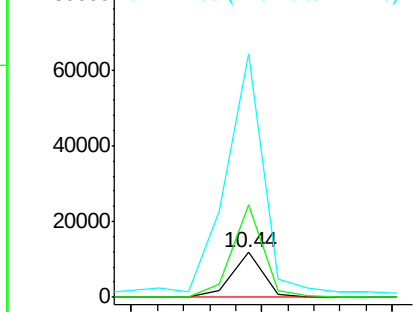
#66
 4-Bromophenyl-phenylether
 Concen: 3.23 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.25 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

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

Tgt Ion:248 Resp: 10095
 Ion Ratio Lower Upper
 248 100
 250 204.7 78.6 117.8#
 141 540.8 76.0 114.0#

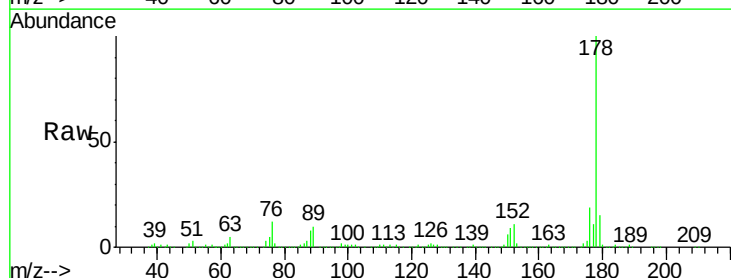


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

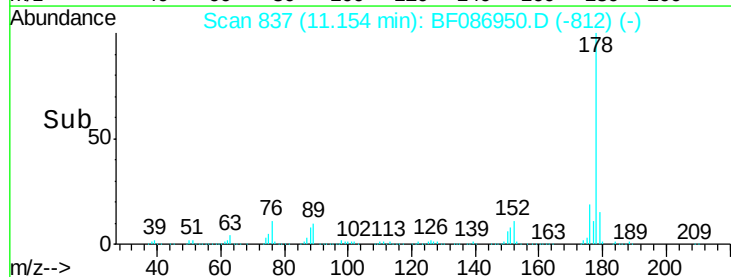
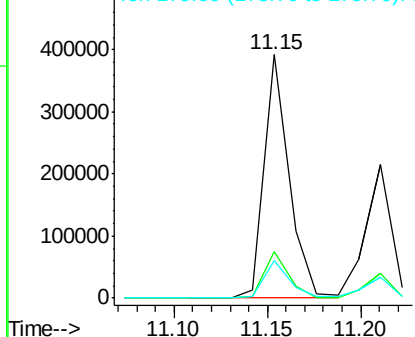


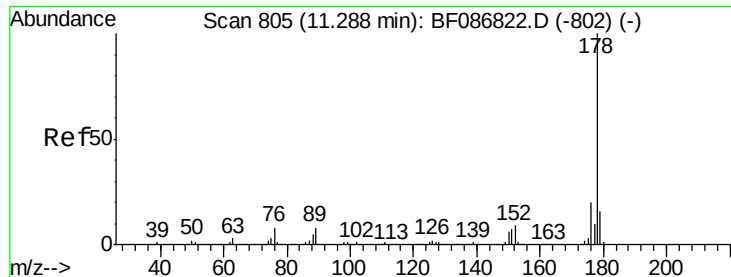
#70
 Phenanthrene
 Concen: 21.77 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

Tgt Ion:178 Resp: 358660
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.4 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

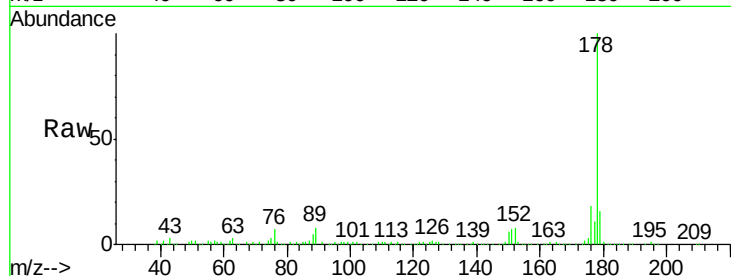




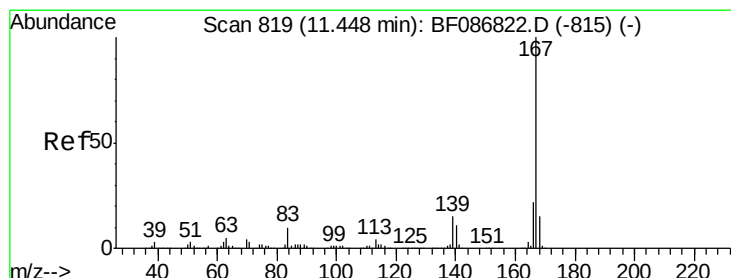
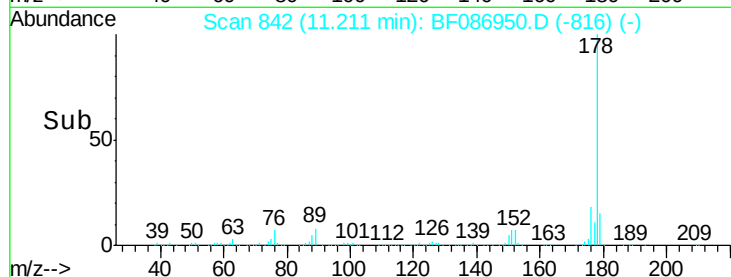
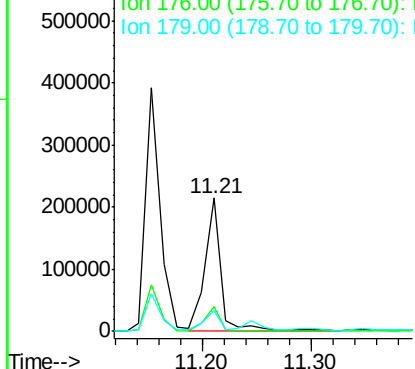
#71
 Anthracene
 Concen: 12.88 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

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

Tgt Ion:178 Resp: 217065
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.6 23.4
 179 15.6 12.7 19.1

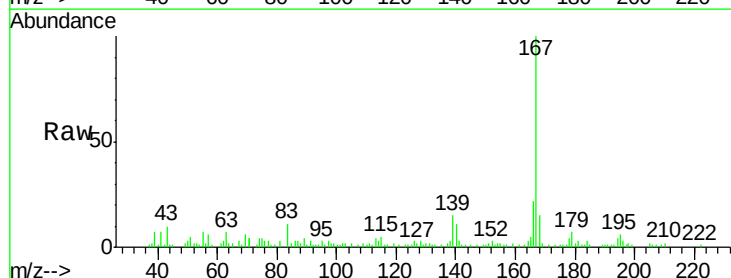


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

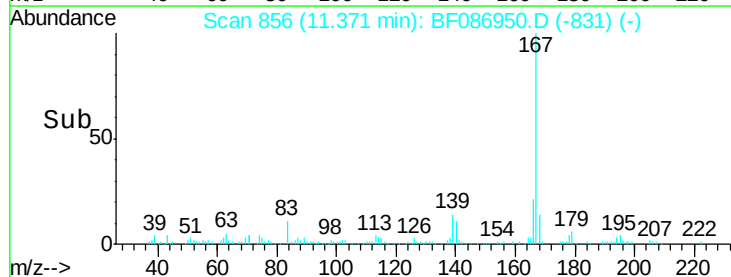
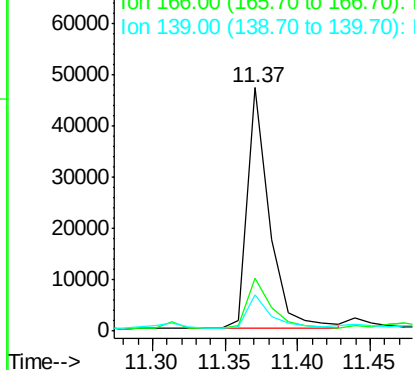


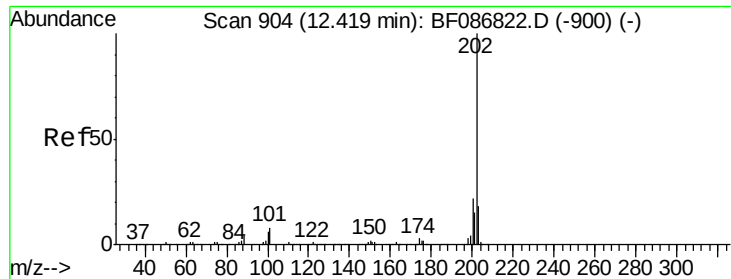
#72
 Carbazole
 Concen: 3.42 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

Tgt Ion:167 Resp: 49501
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 14.9 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: 63.21 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

Instrument :

BNA_F

ClientSampleId :

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

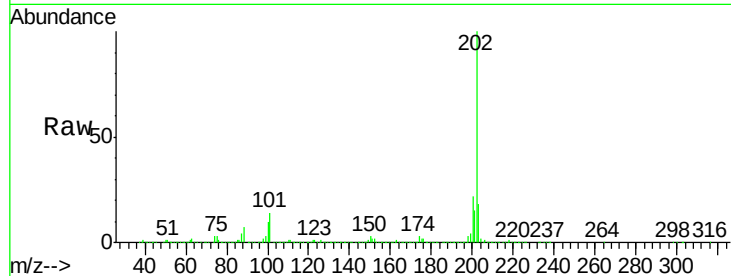
Tgt Ion:202 Resp: 1071174

Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.4

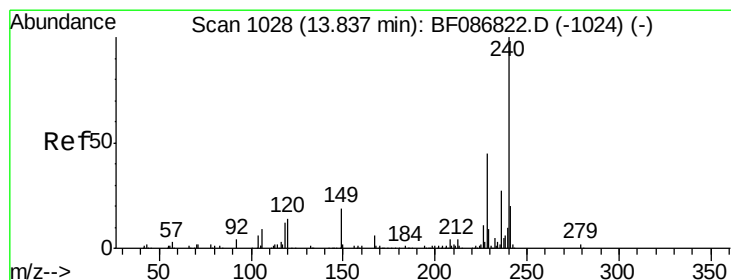
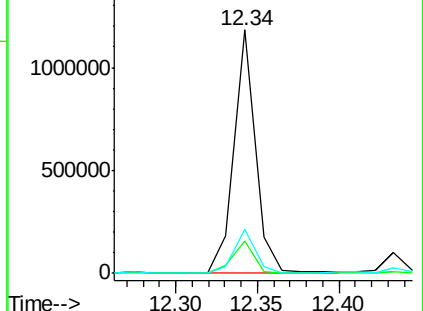
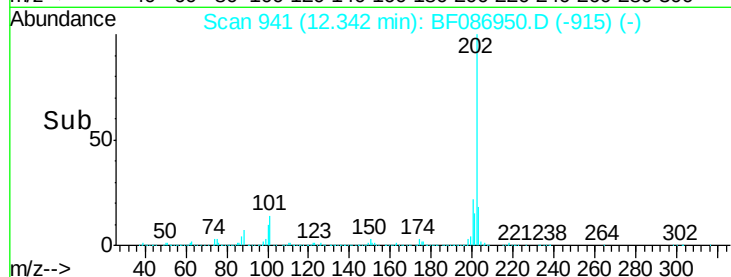
203 18.3 0.0 38.1



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: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

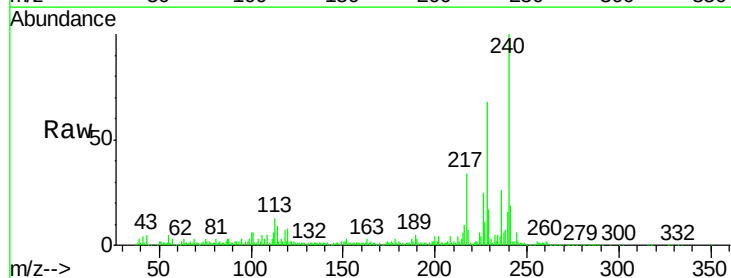
Tgt Ion:240 Resp: 265200

Ion Ratio Lower Upper

240 100

120 8.0 11.2 16.8#

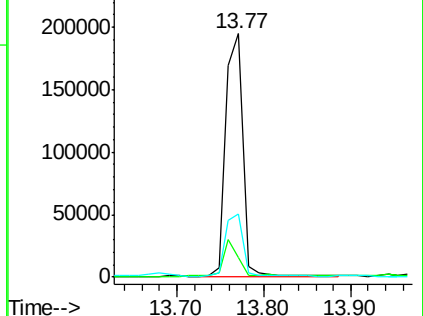
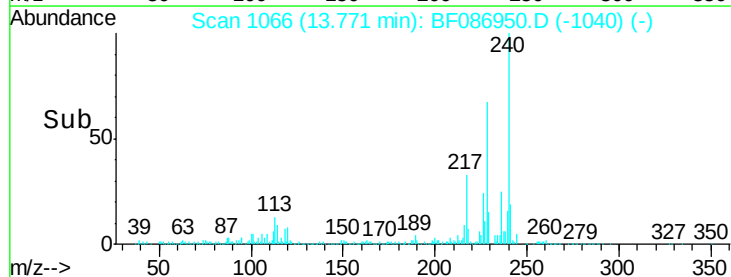
236 25.8 21.2 31.8

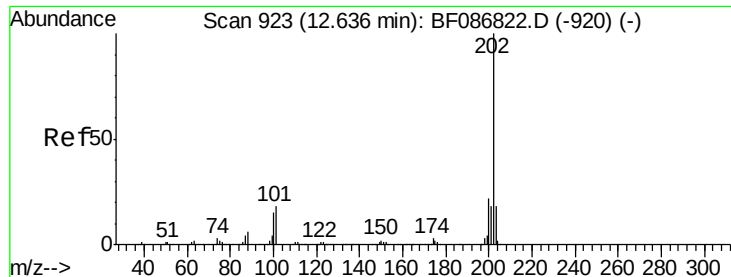


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 53.64 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

Instrument :

BNA_F

ClientSampleId :

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

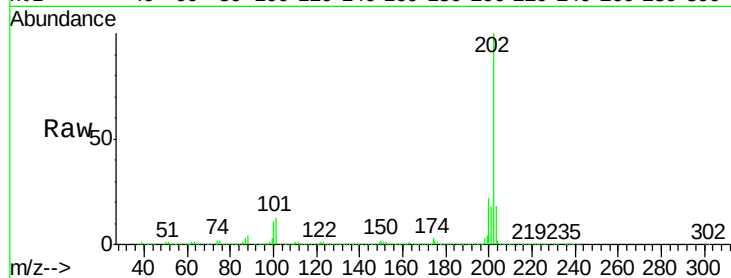
Tgt Ion:202 Resp: 1089058

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

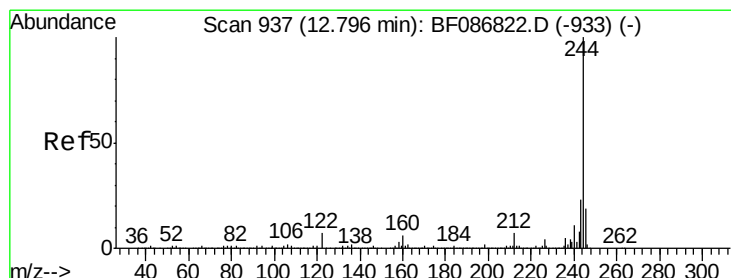
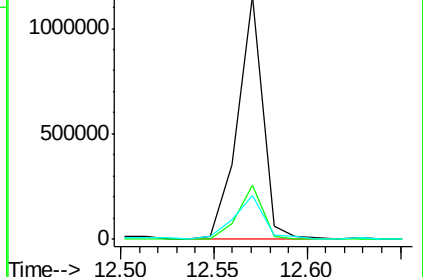
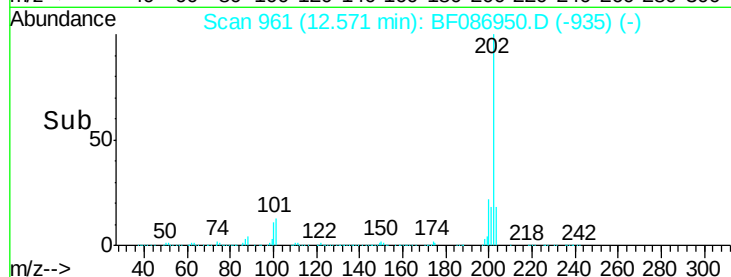
203 18.0 14.2 21.4



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: 46.09 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

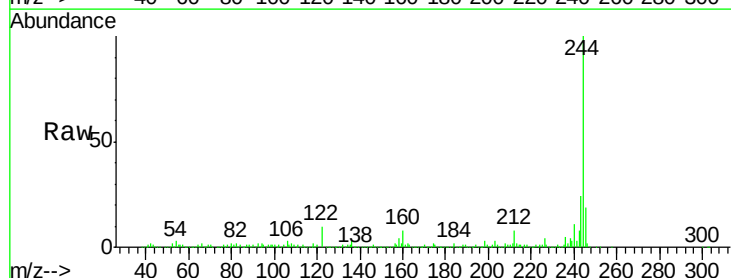
Tgt Ion:244 Resp: 576061

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

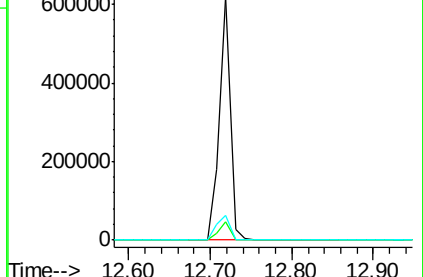
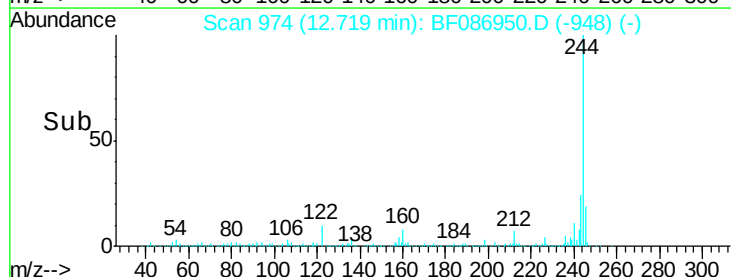
122 10.1 12.0 18.0#

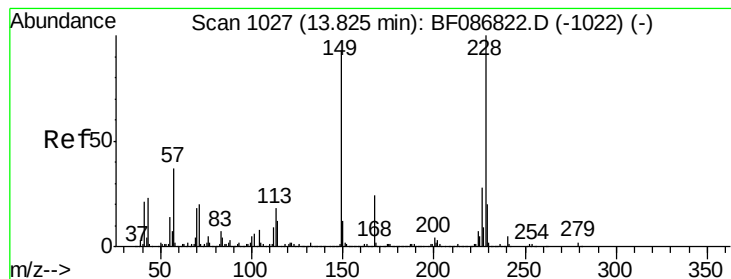


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 49.97 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

Instrument :

BNA_F

ClientSampleId :

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

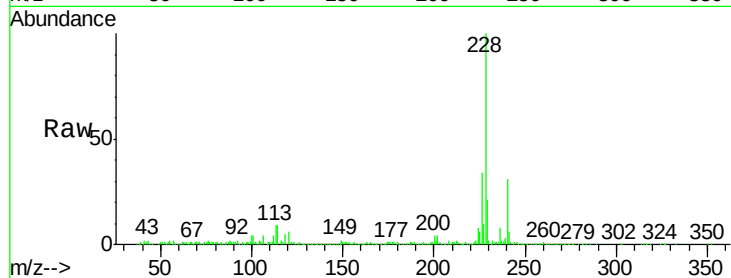
Tgt Ion:228 Resp: 743933

Ion Ratio Lower Upper

228 100

226 34.2 22.5 33.7#

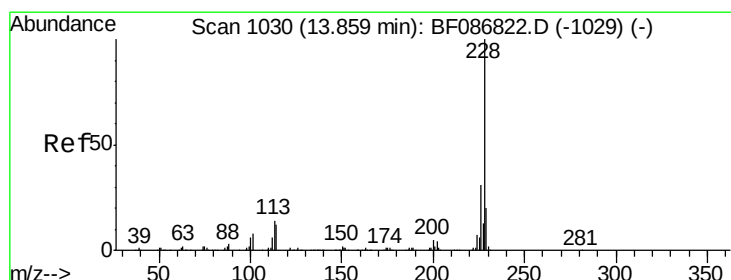
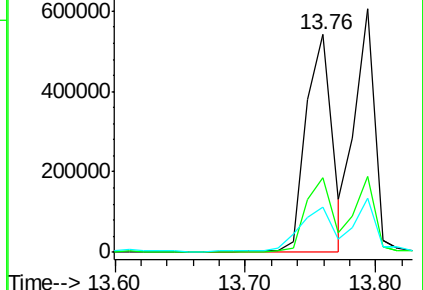
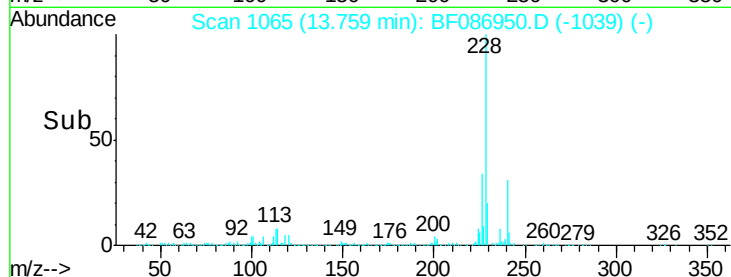
229 21.0 16.6 25.0



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: 49.12 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

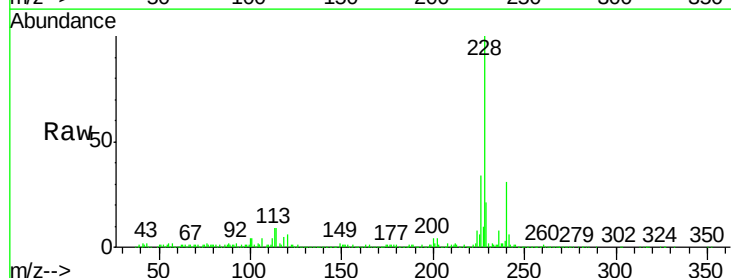
Tgt Ion:228 Resp: 743933

Ion Ratio Lower Upper

228 100

226 34.2 24.4 36.6

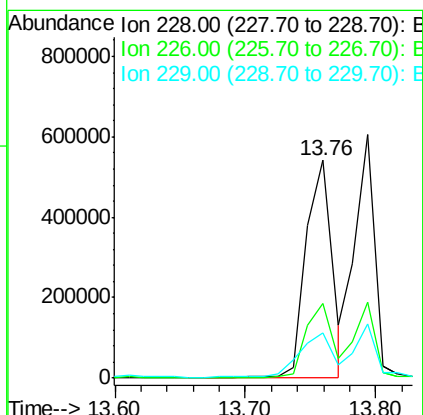
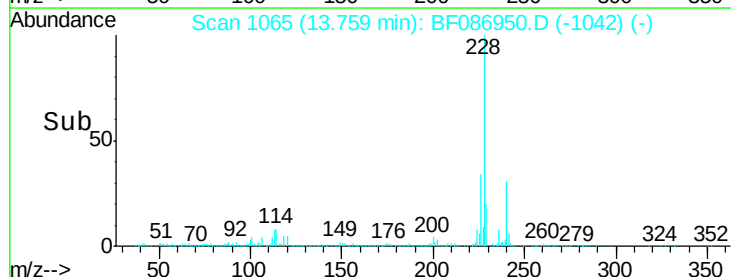
229 21.0 15.8 23.8

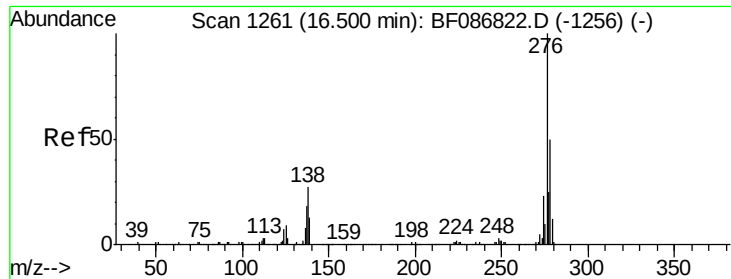


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

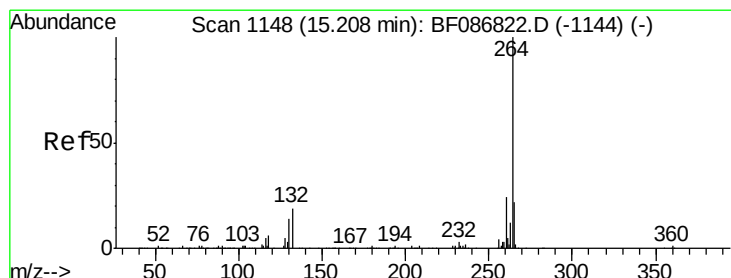
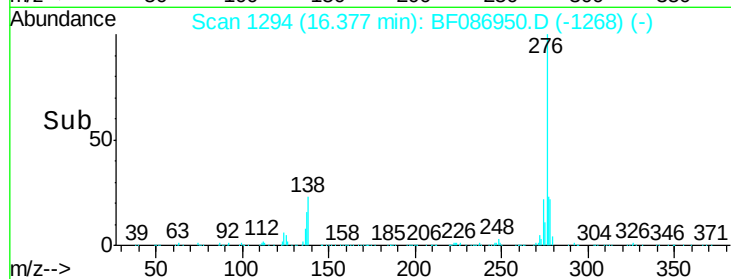
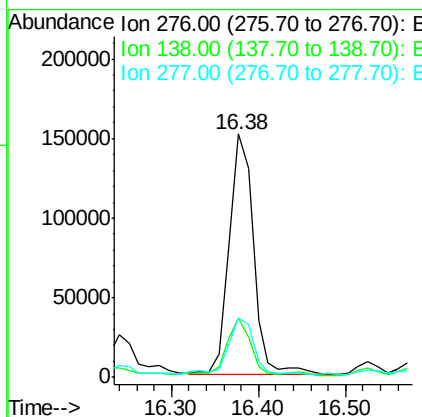
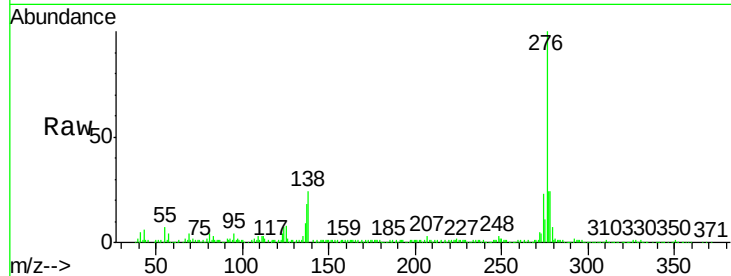




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.26 ng
 RT: 16.38 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

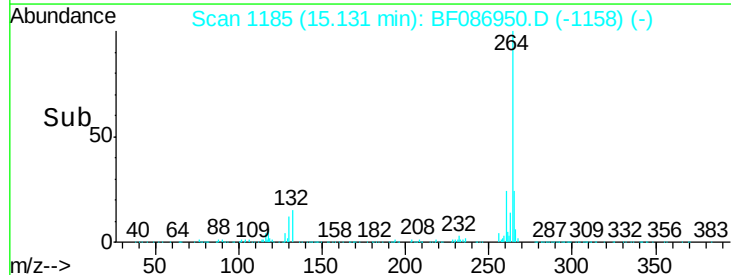
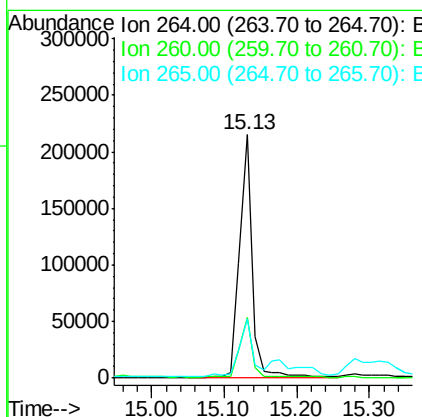
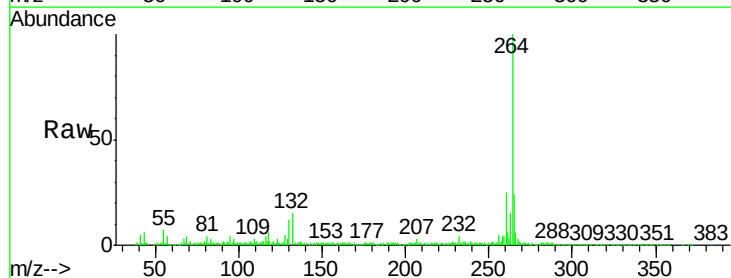
Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1720-00(0-2)

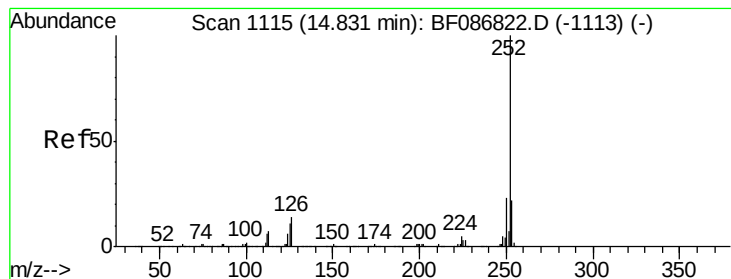
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.6	38.4#
277	24.5	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF086950.D
 Acq: 13 May 2016 00:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	24.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 70.61 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

Instrument :

BNA_F

ClientSampleId :

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

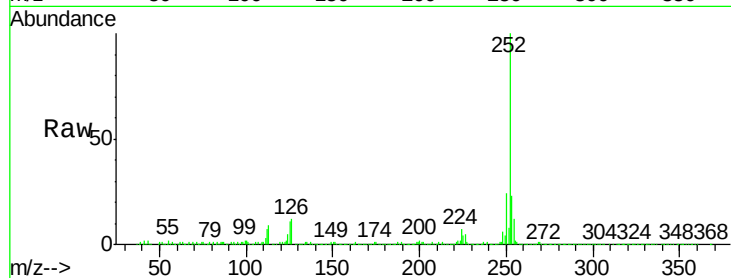
Tgt Ion:252 Resp: 1182520

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

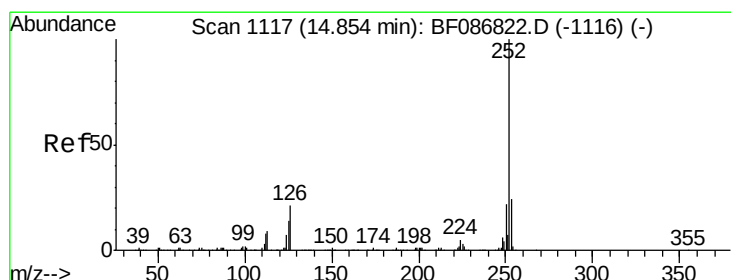
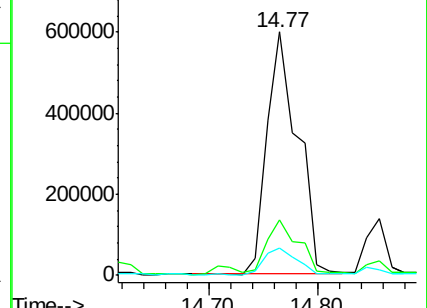
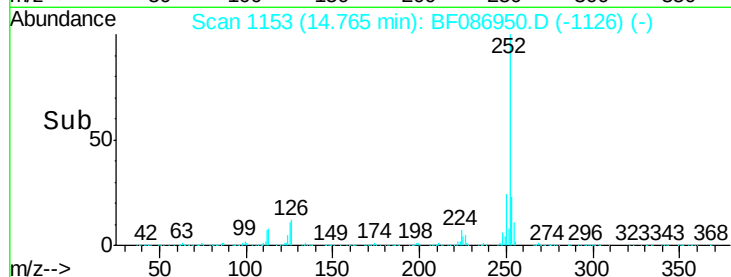
125 11.4 11.4 17.0



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: 86.23 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

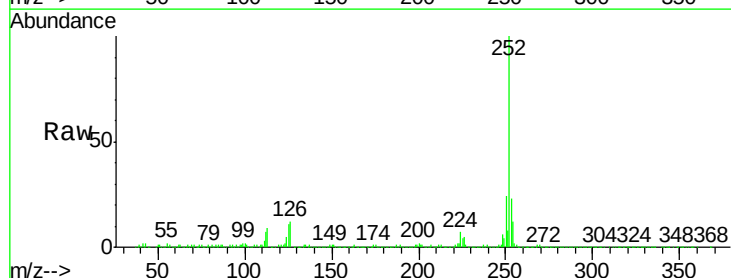
Tgt Ion:252 Resp: 1182520

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

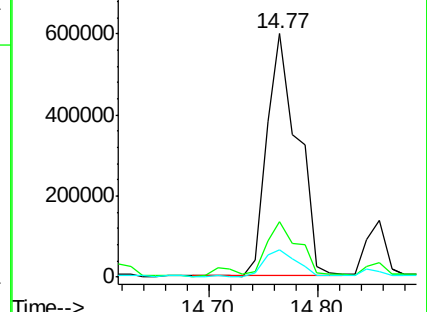
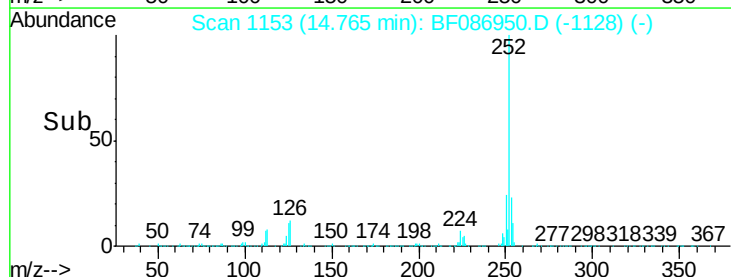
125 11.4 9.1 13.7

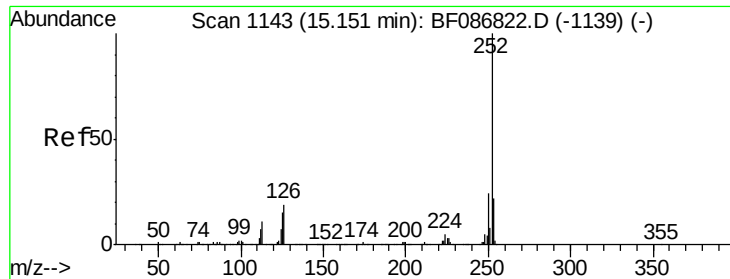


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 34.03 ng

RT: 15.07 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

Instrument :

BNA_F

ClientSampleId :

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

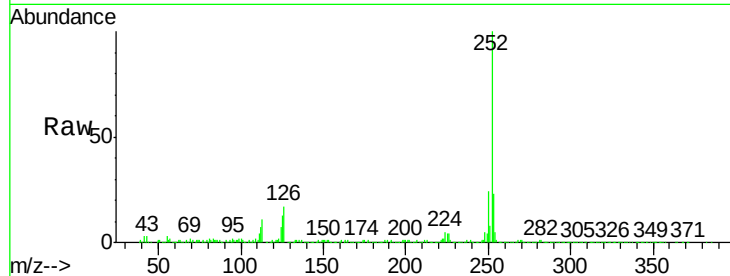
Tgt Ion:252 Resp: 491513

Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

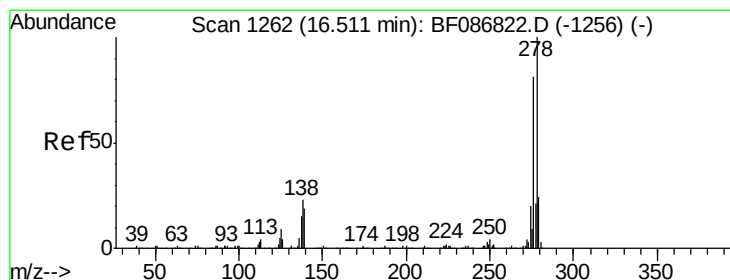
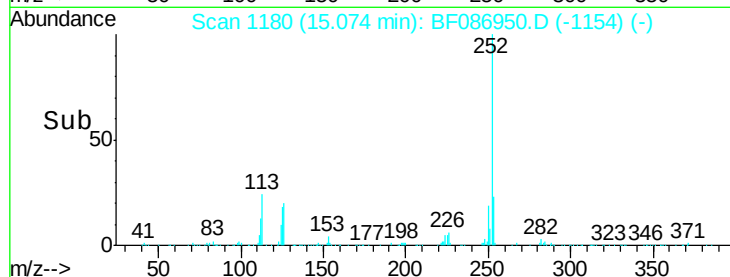
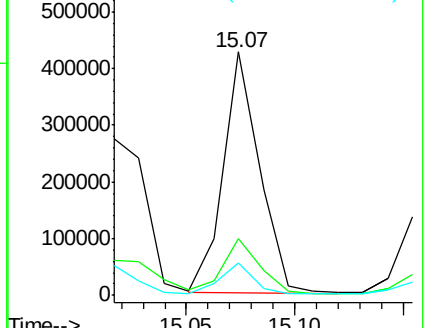
125 13.4 9.0 13.6



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: 7.35 ng

RT: 16.39 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF086950.D

Acq: 13 May 2016 00:47

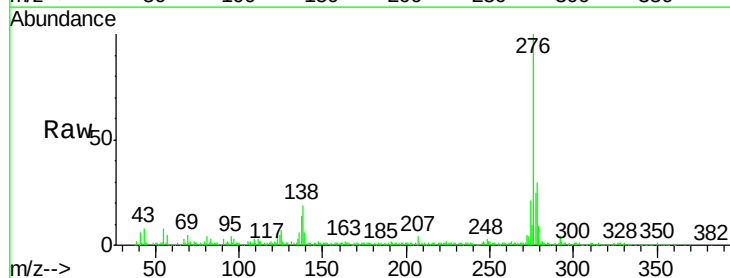
Tgt Ion:278 Resp: 89436

Ion Ratio Lower Upper

278 100

139 19.9 16.6 24.8

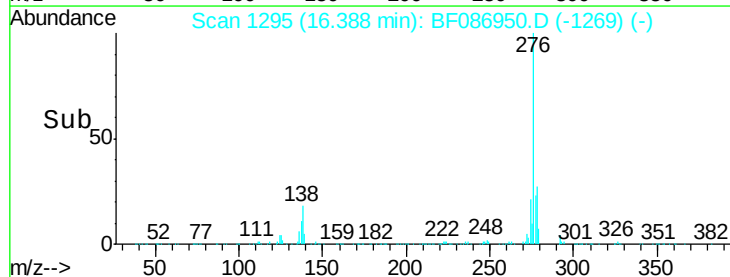
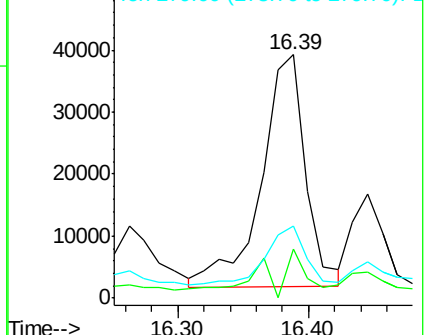
279 29.4 19.6 29.4

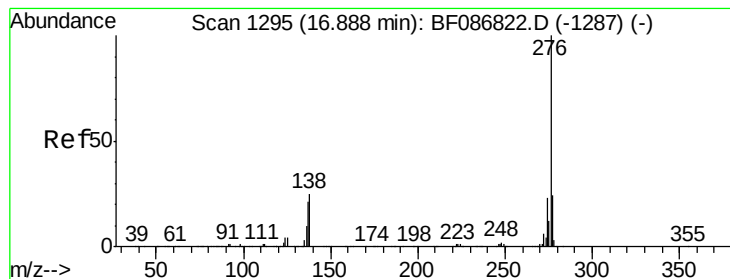


Abundance Ion 278.00 (277.70 to 278.70): E

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: 19.50 ng

RT: 16.75 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF086950.D

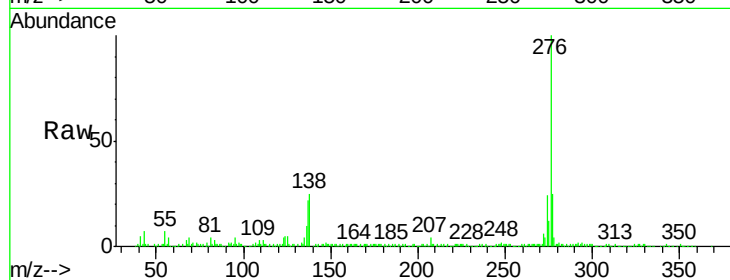
Acq: 13 May 2016 00:47

Instrument :

BNA_F

ClientSampleId :

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



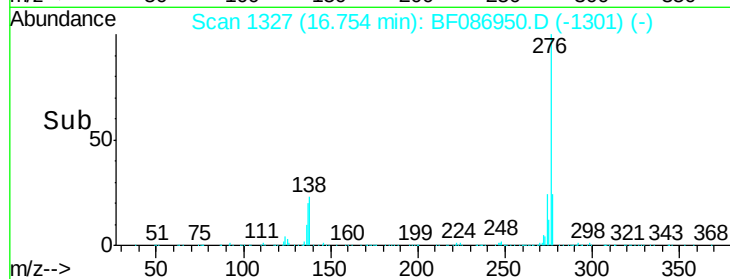
Tgt Ion: 276 Resp: 241280

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 24.5 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

