

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085246.D
 Acq On : 5 Mar 2016 11:24
 Operator : SJ/IZ
 Sample : H1675-03 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-002(0-2)

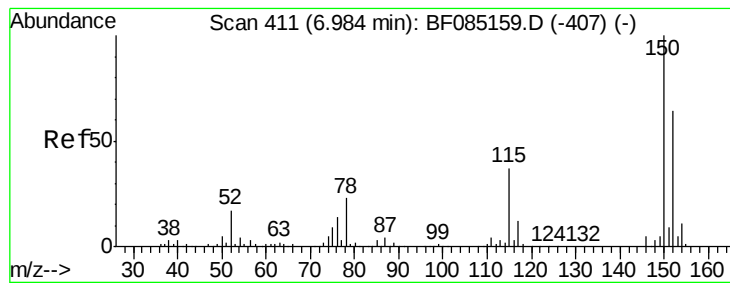
Quant Time: Mar 07 00:06:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	27239	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	111183	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	44845	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	69283	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	53540	20.00	ng	-0.02
86) Perylene-d12	15.60	264	54360	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	195289	120.26	ng	-0.01
7) Phenol-d6	6.58	99	261486	122.90	ng	-0.02
23) Nitrobenzene-d5	7.52	82	132337	63.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	30540	79.59	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	260420	88.32	ng	-0.02
78) Terphenyl-d14	13.08	244	162681	70.54	ng	-0.01

Target Compounds				Qvalue			
9) Benzaldehyde	6.52	77	381	Below Cal	#	87	
19) n-Nitroso-di-n-propylamine	7.52	70	17182	12.39	ng	#	80
48) Acenaphthylene	9.88	152	13710	3.02	ng		97
49) Dimethylphthalate	9.72	163	28404	8.25	ng	#	98
50) 2,6-Dinitrotoluene	10.01	165	5989	8.13	ng	#	24
55) 4-Nitrophenol	10.22	139	2676	3.87	ng	#	17
56) 2,4-Dinitrotoluene	10.01	165	5989	6.36	ng	#	20
57) Fluorene	10.56	166	6044	2.13	ng	#	96
66) 4-Bromophenyl-phenylether	10.79	248	2277	3.38	ng	#	1
70) Phenanthrene	11.52	178	90924	25.04	ng		96
71) Anthracene	11.57	178	35779	9.28	ng		98
72) Carbazole	11.72	167	12444	3.68	ng		96
74) Fluoranthene	12.71	202	168691	46.29	ng		94
77) Pyrene	12.94	202	153476	38.09	ng		95
80) Benzo(a)anthracene	14.12	228	89432	27.90	ng		99
82) Chrysene	14.15	228	67670	22.85	ng		96
83) Bis(2-ethylhexyl)phthalate	14.11	149	5592	2.32	ng	#	91
84) Di-n-octyl phthalate	14.62	149	18818	5.14	ng	#	76
85) Indeno(1,2,3-cd)pyrene	17.07	276	44979	19.47	ng	#	90
87) Benzo(b)fluoranthene	15.17	252	157078	43.35	ng		96
88) Benzo(k)fluoranthene	15.17	252	157078	53.75	ng	#	95
89) Benzo(a)pyrene	15.53	252	58718	19.56	ng	#	88
90) Dibenzo(a,h)anthracene	17.08	278	10954	4.27	ng	#	76
91) Benzo(g,h,i)perylene	17.51	276	40994	15.91	ng		94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

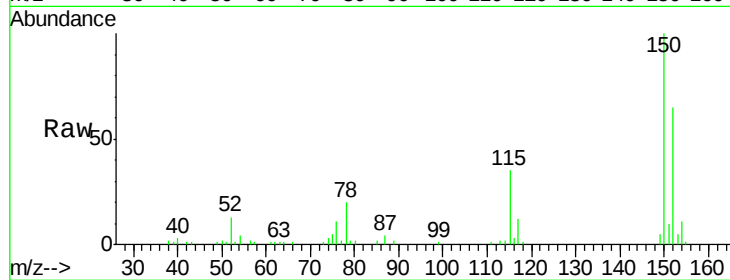
Tgt Ion:152 Resp: 27239

Ion Ratio Lower Upper

152 100

150 152.7 124.6 186.8

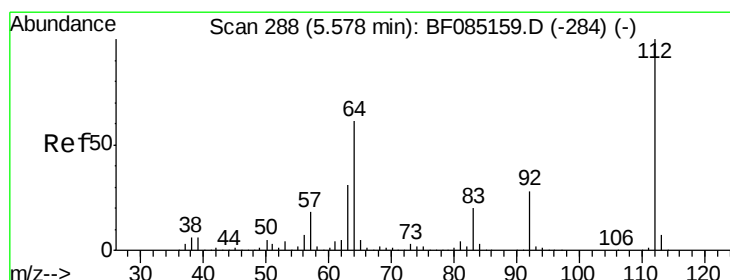
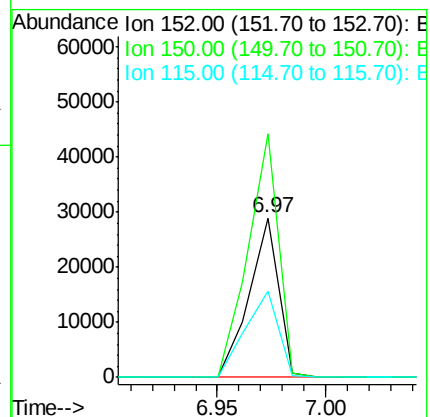
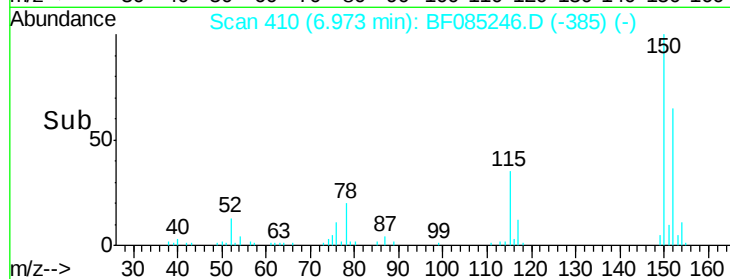
115 54.1 46.6 70.0



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: 120.26 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

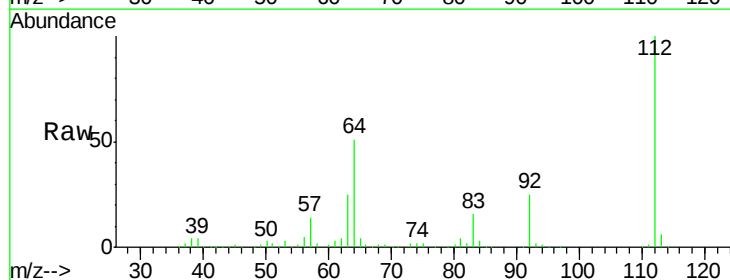
Tgt Ion:112 Resp: 195289

Ion Ratio Lower Upper

112 100

64 50.5 49.0 73.4

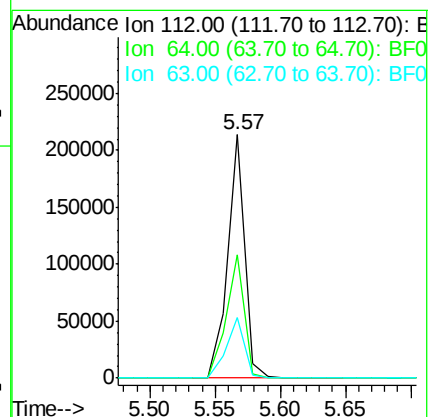
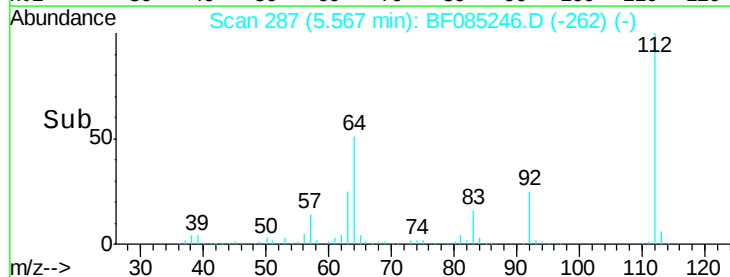
63 24.6 24.8 37.2#

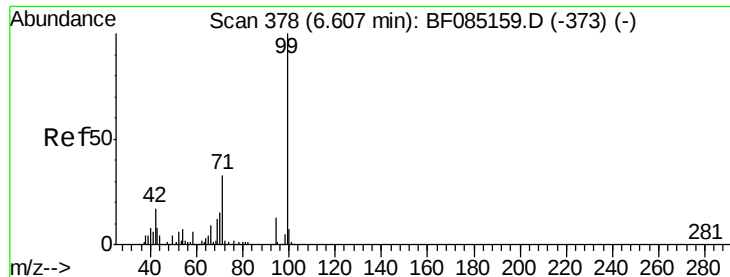


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.90 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

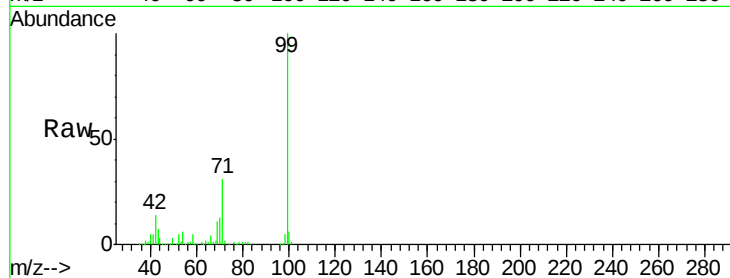
Tgt Ion: 99 Resp: 261486

Ion Ratio Lower Upper

99 100

42 14.0 13.6 20.4

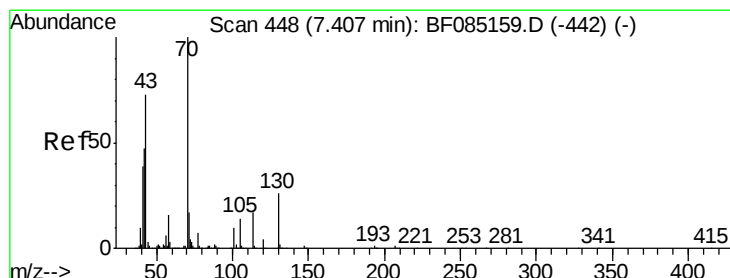
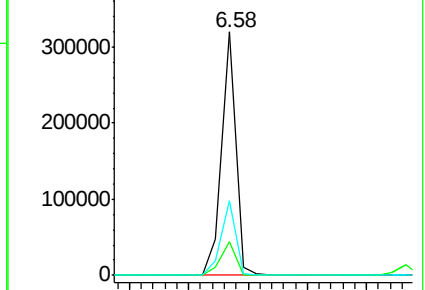
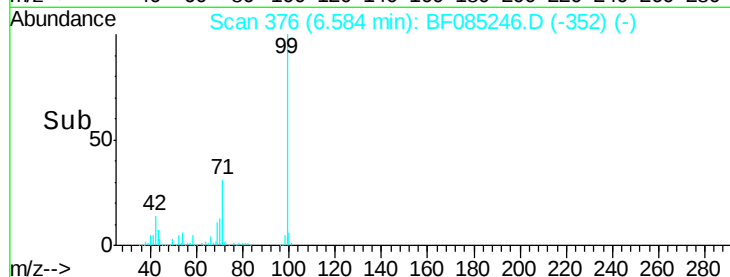
71 30.5 26.7 40.1



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: 12.39 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Tgt Ion: 70 Resp: 17182

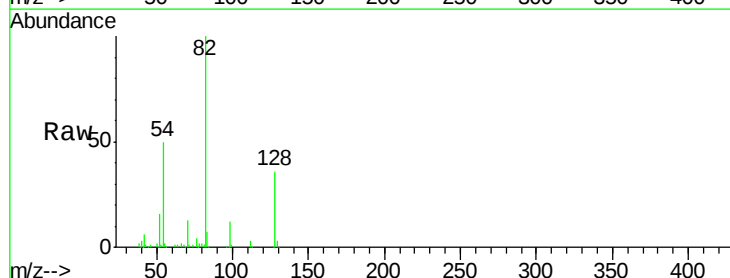
Ion Ratio Lower Upper

70 100

42 44.7 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

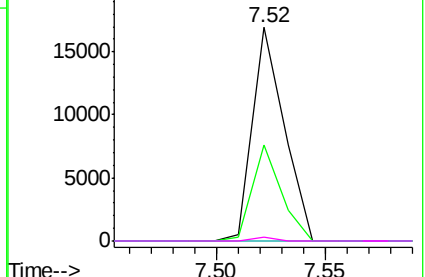
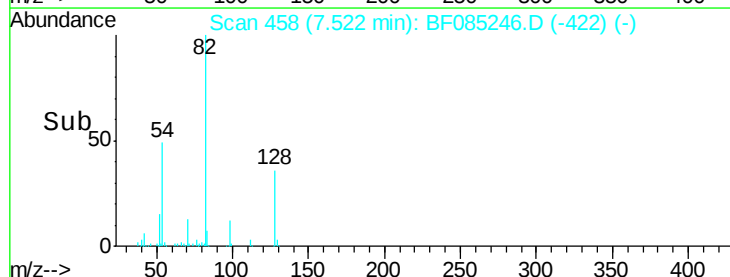


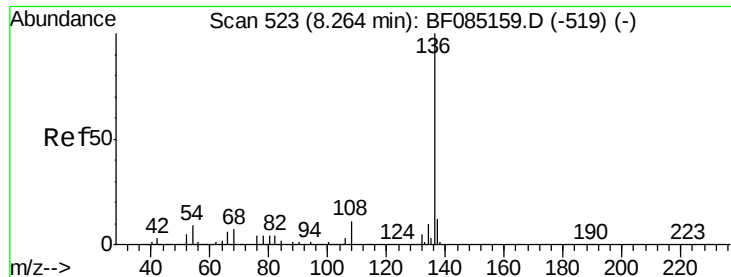
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

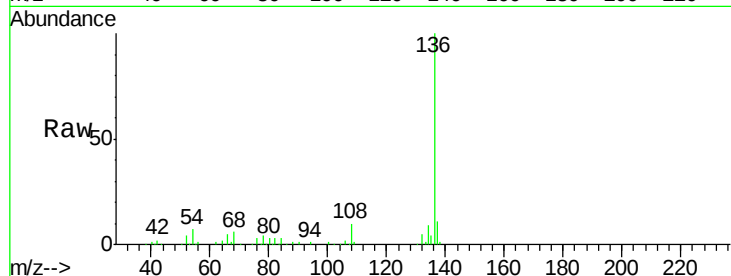




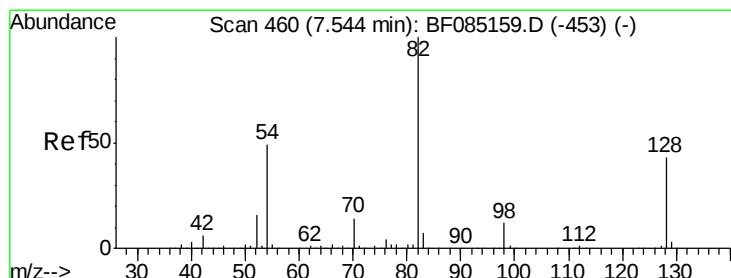
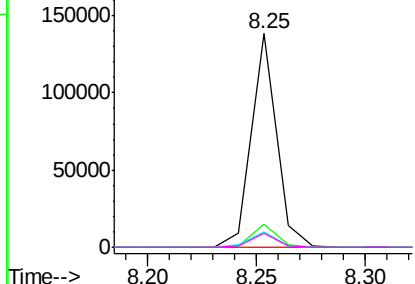
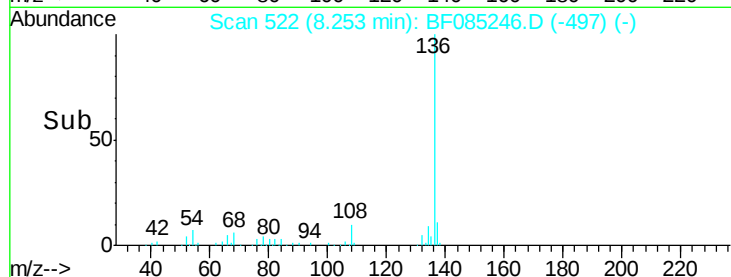
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:	136	Resp:	111183
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	7.1	7.4	11.2#
68	6.4	6.0	9.0

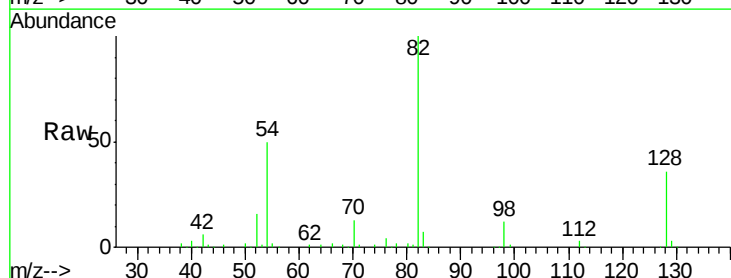


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

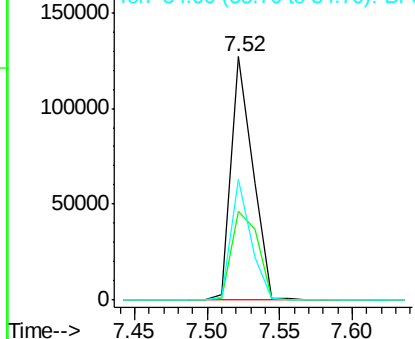
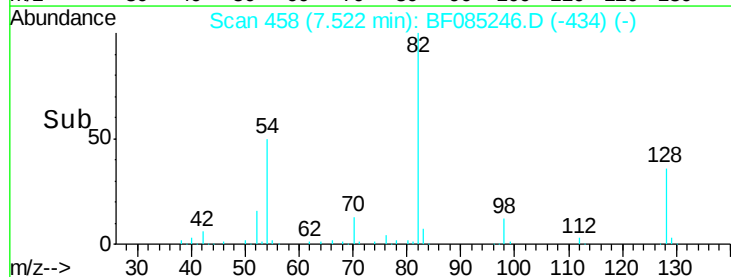


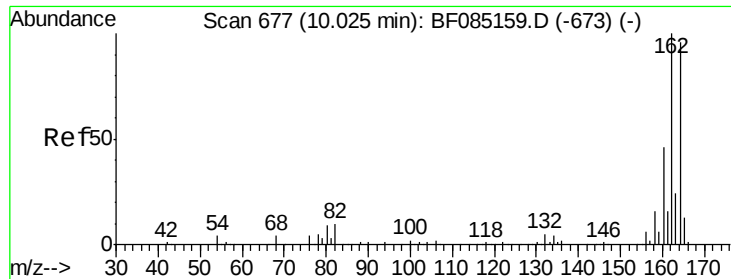
#23
Nitrobenzene-d5
Concen: 63.69 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:	82	Resp:	132337
Ion	Ratio	Lower	Upper
82	100		
128	36.5	34.5	51.7
54	49.7	39.3	58.9



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

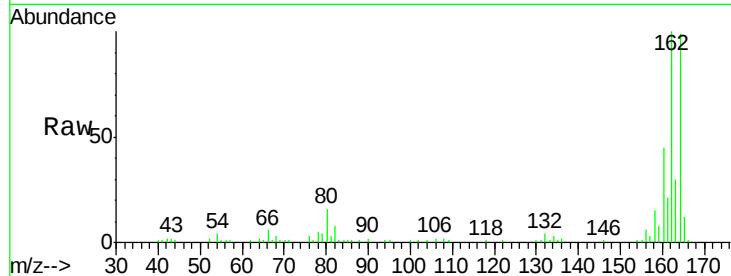




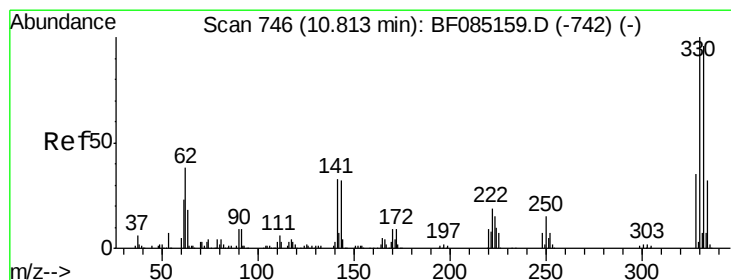
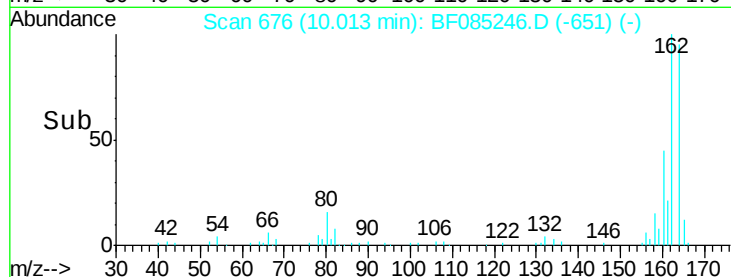
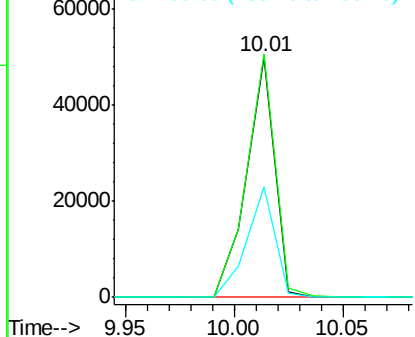
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:164 Resp: 44845
Ion Ratio Lower Upper
164 100
162 101.4 83.3 124.9
160 45.8 37.9 56.9

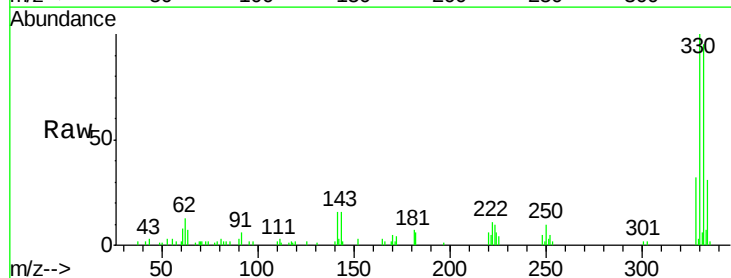


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

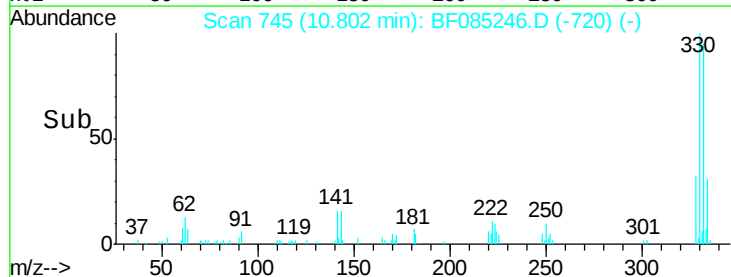
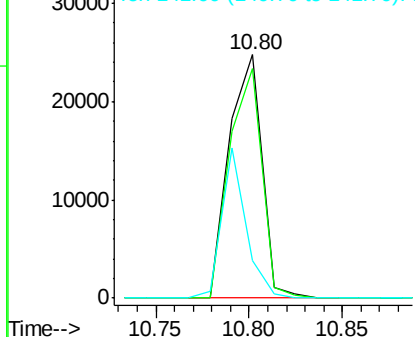


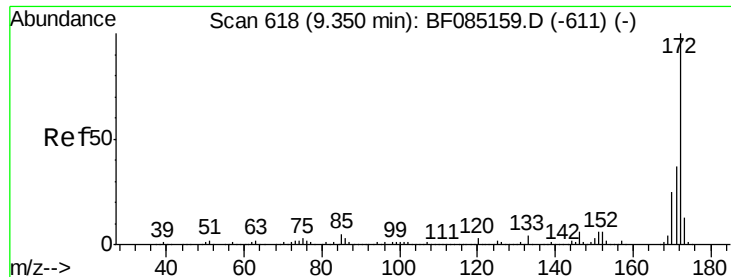
#41
2,4,6-Tribromophenol
Concen: 79.59 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:330 Resp: 30540
Ion Ratio Lower Upper
330 100
332 93.8 77.1 115.7
141 45.4 35.0 52.6



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

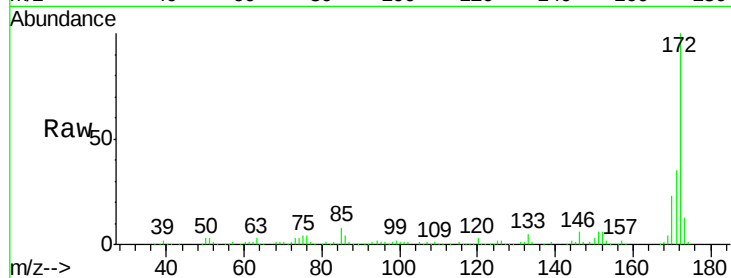




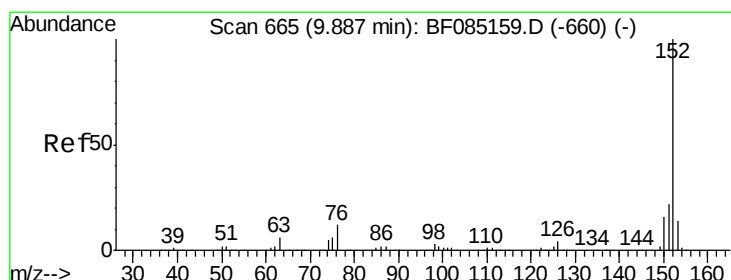
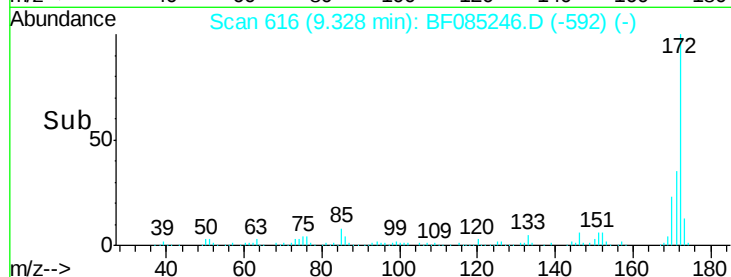
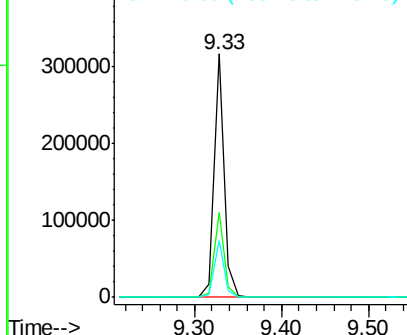
#44
 2-Fluorobiphenyl
 Concen: 88.32 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085246.D
 Acq: 5 Mar 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SP-002(0-2)

Tgt Ion:172 Resp: 260420
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.3 43.9
 170 23.2 20.0 30.0

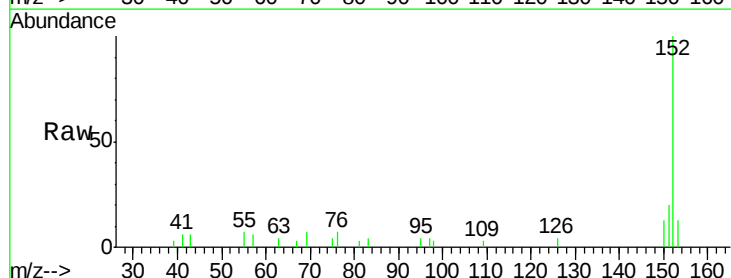


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

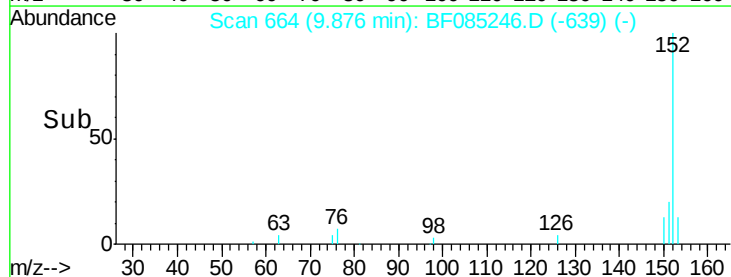
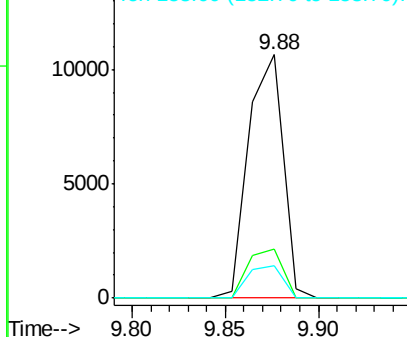


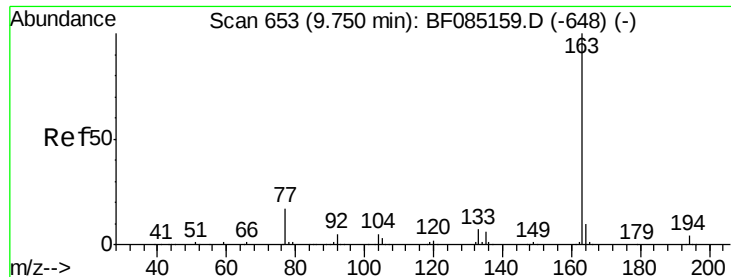
#48
 Acenaphthylene
 Concen: 3.02 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF085246.D
 Acq: 5 Mar 2016 11:24

Tgt Ion:152 Resp: 13710
 Ion Ratio Lower Upper
 152 100
 151 20.0 17.5 26.3
 153 13.2 11.3 16.9



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

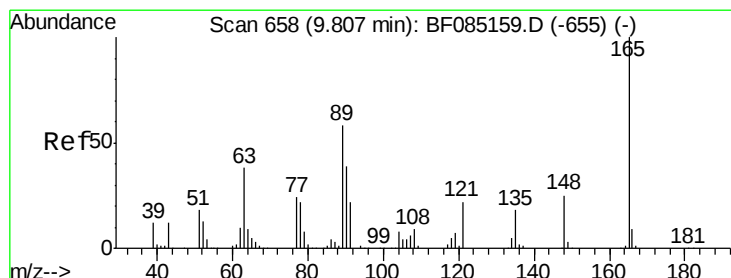
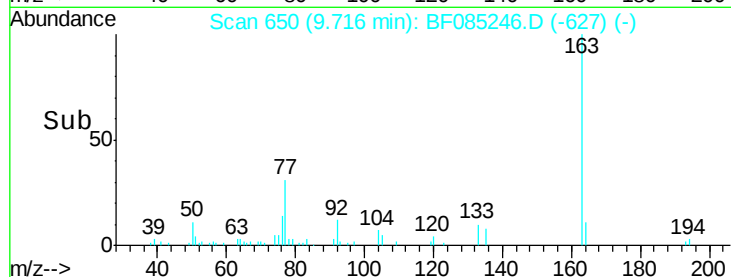
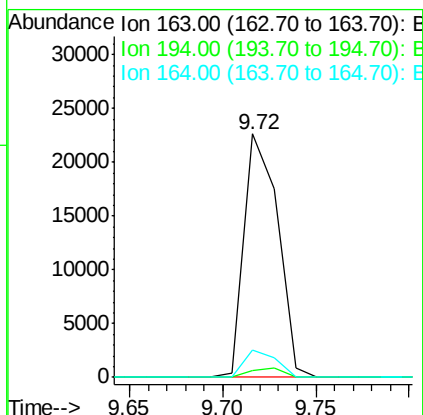
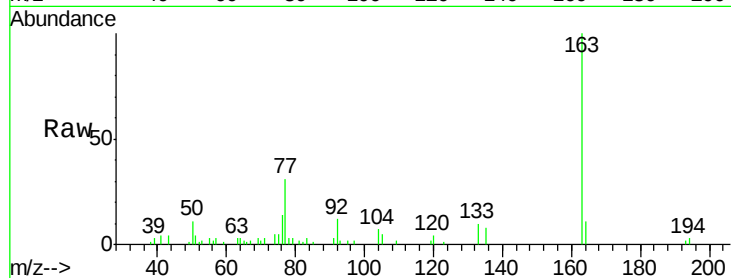




#49
Dimethylphthalate
Concen: 8.25 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

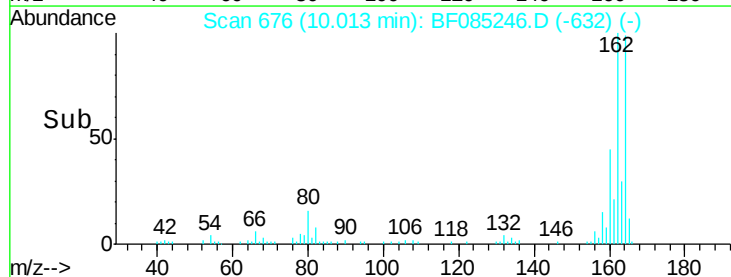
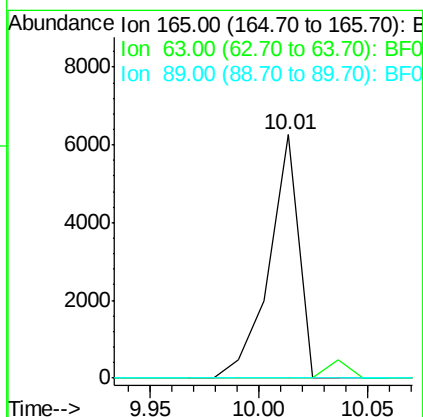
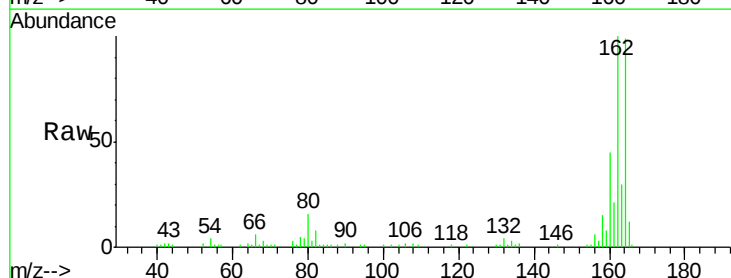
Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

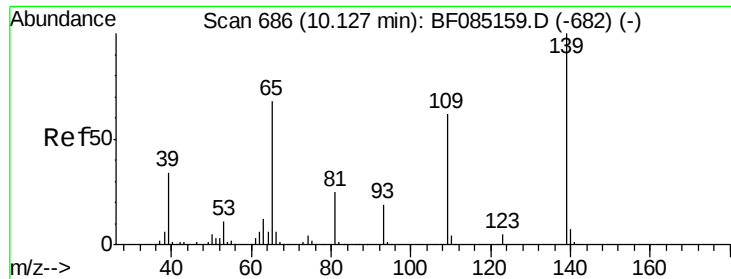
Tgt Ion:163 Resp: 28404
Ion Ratio Lower Upper
163 100
194 3.0 3.1 4.7#
164 11.1 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.21 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:165 Resp: 5989
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.8#
89 0.0 46.7 70.1#





#55

4-Nitrophenol

Concen: 3.87 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.09 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

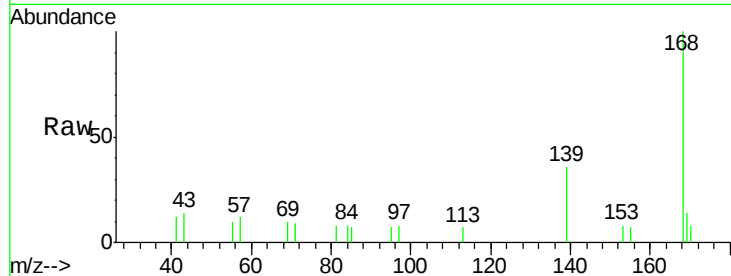
Tgt Ion:139 Resp: 2676

Ion Ratio Lower Upper

139 100

109 0.0 41.9 81.9#

65 0.0 48.3 88.3#

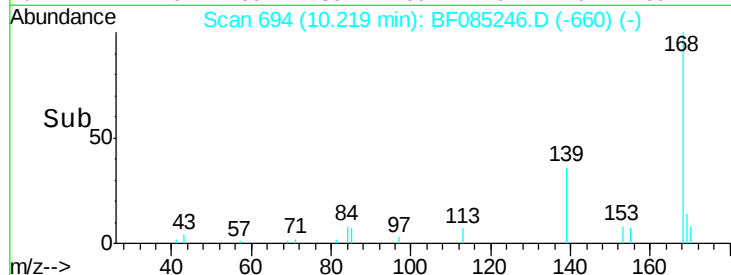


Abundance Ion 139.00 (138.70 to 139.70): E

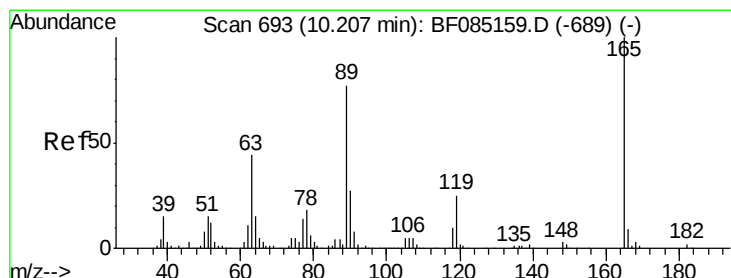
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.36 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.19 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Tgt Ion:165 Resp: 5989

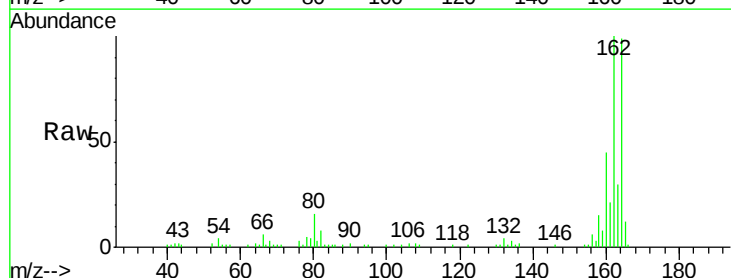
Ion Ratio Lower Upper

165 100

63 0.0 35.4 53.0#

89 0.0 61.9 92.9#

182 0.0 1.9 2.9#



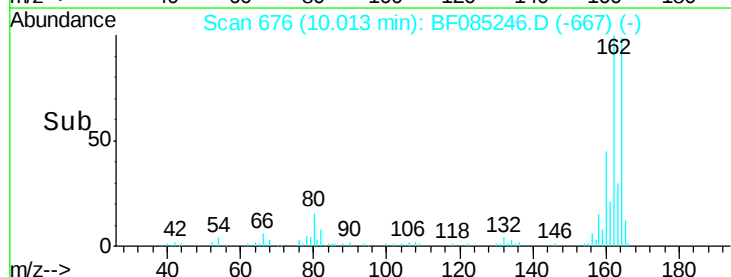
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

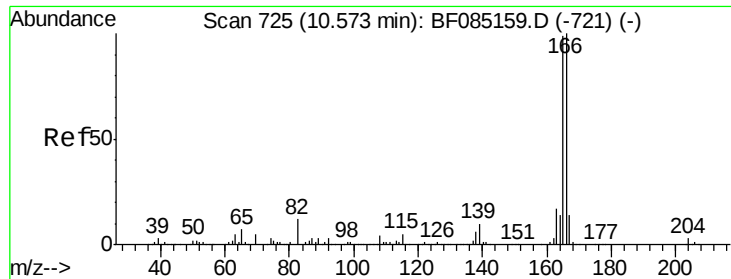
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#57

Fluorene

Concen: 2.13 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

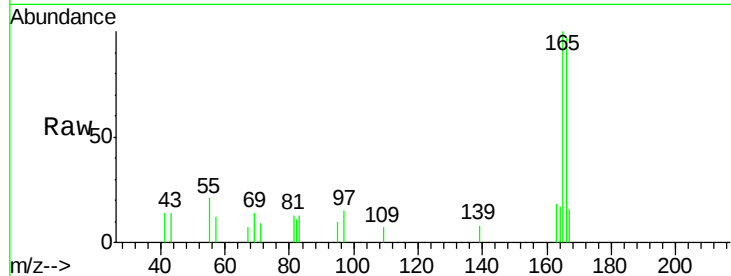
Tgt Ion:166 Resp: 6044

Ion Ratio Lower Upper

166 100

165 103.2 79.4 119.0

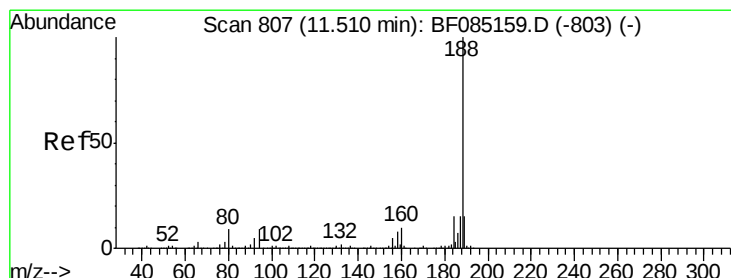
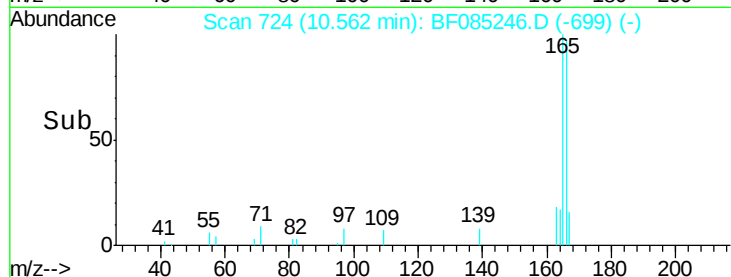
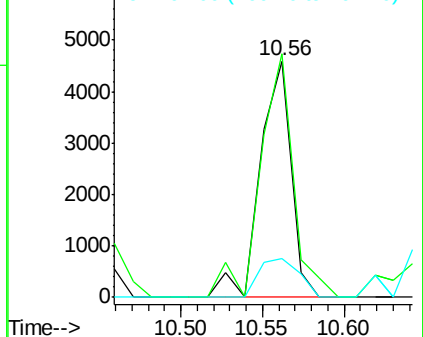
167 16.7 11.0 16.6#



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: 11.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

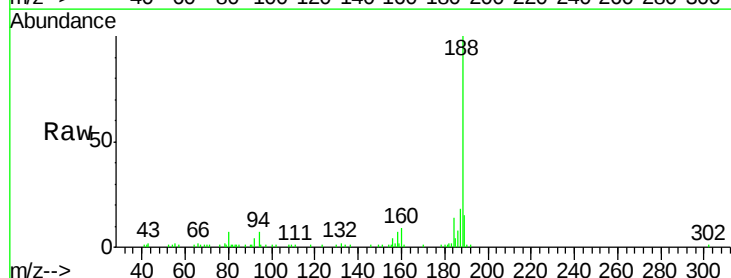
Tgt Ion:188 Resp: 69283

Ion Ratio Lower Upper

188 100

94 6.5 7.0 10.6#

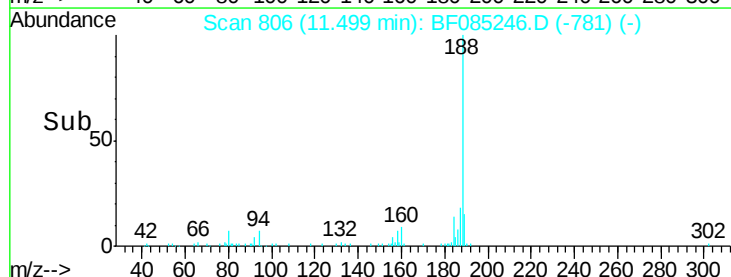
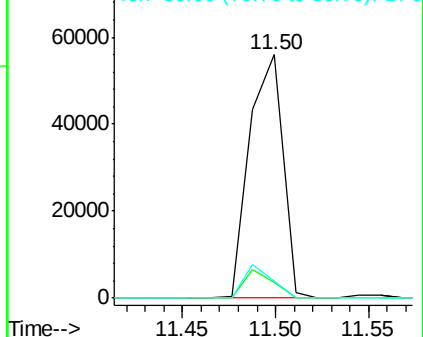
80 7.0 7.4 11.0#

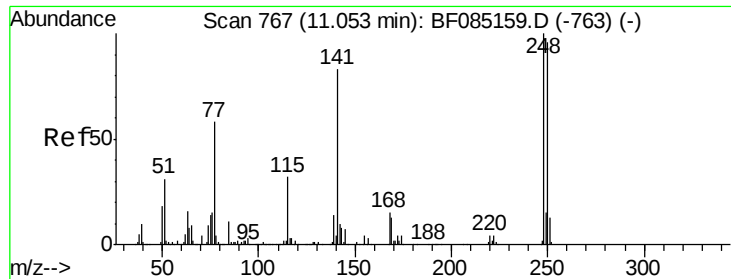


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

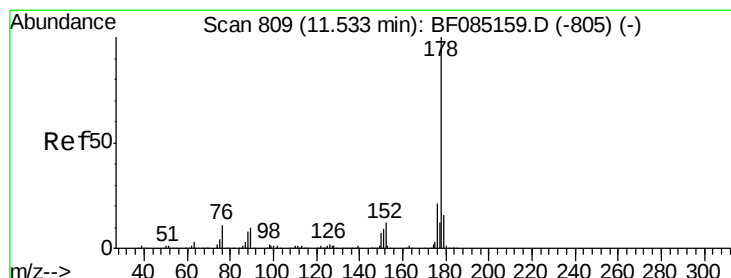
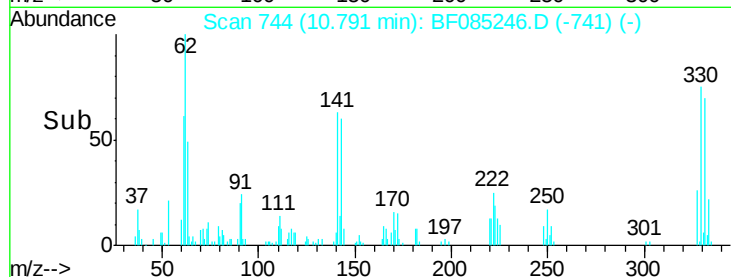
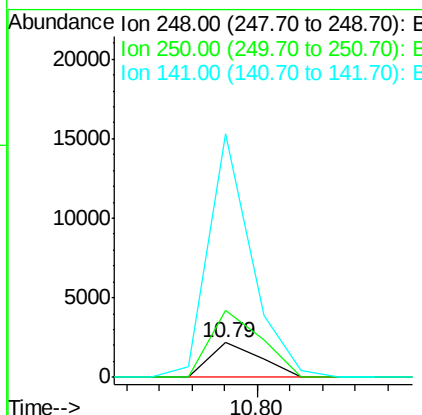
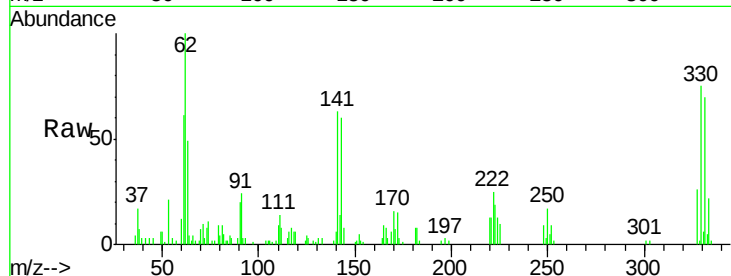




#66
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

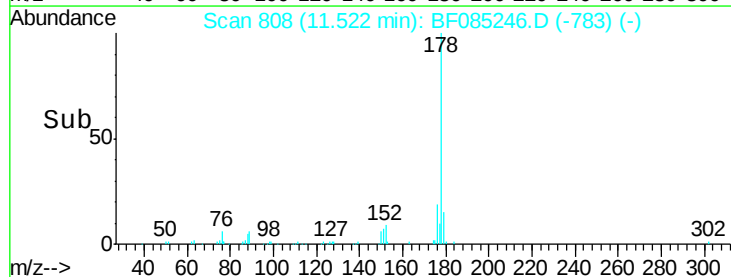
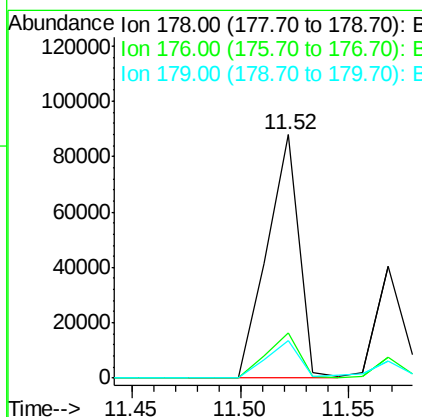
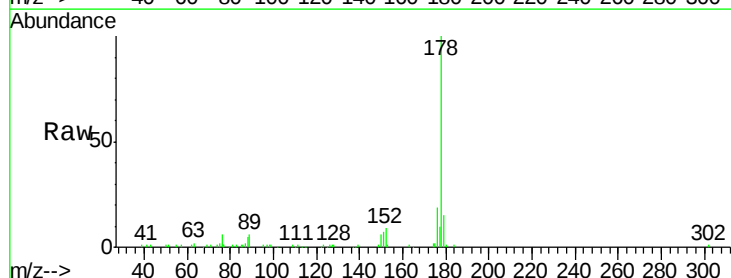
Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

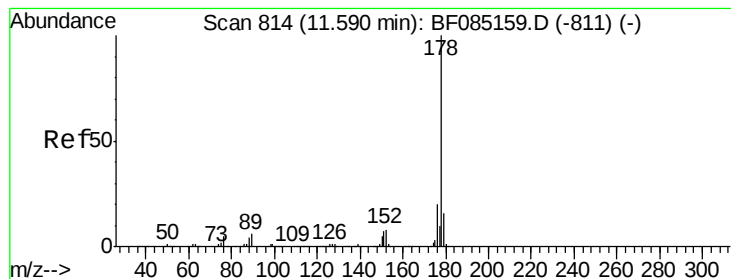
Tgt Ion:248 Resp: 2277
Ion Ratio Lower Upper
248 100
250 194.9 77.1 115.7#
141 708.2 66.2 99.2#



#70
Phenanthrene
Concen: 25.04 ng
RT: 11.52 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:178 Resp: 90924
Ion Ratio Lower Upper
178 100
176 18.6 16.8 25.2
179 15.4 13.1 19.7





#71

Anthracene

Concen: 9.28 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

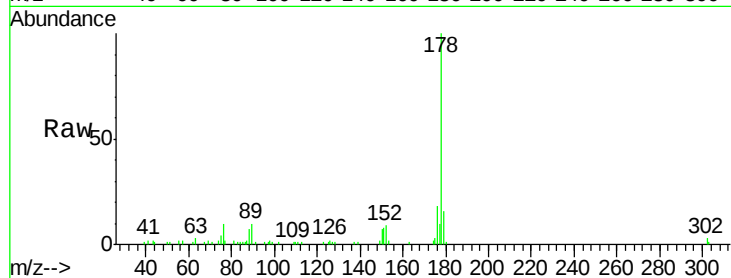
Tgt Ion:178 Resp: 35779

Ion Ratio Lower Upper

178 100

176 18.3 15.9 23.9

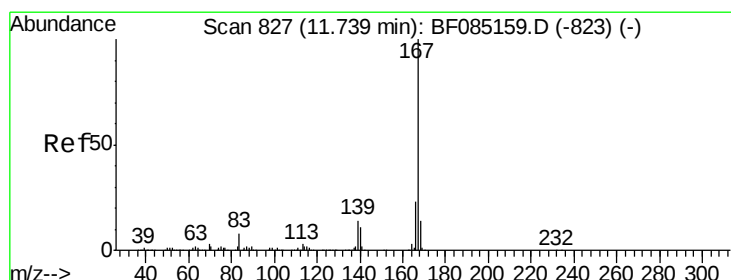
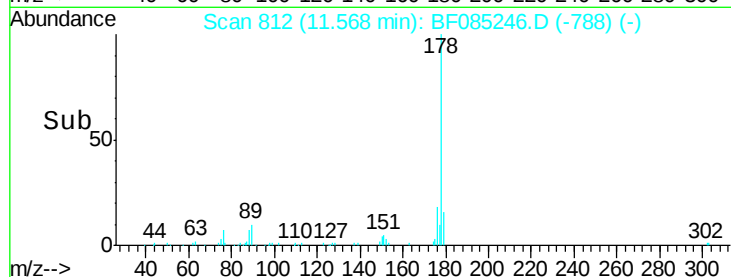
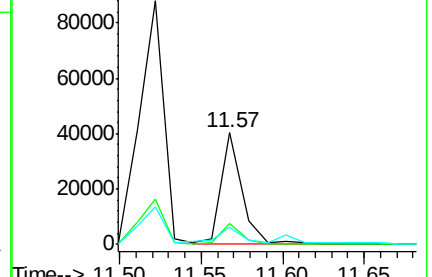
179 15.8 12.5 18.7



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: 3.68 ng

RT: 11.72 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

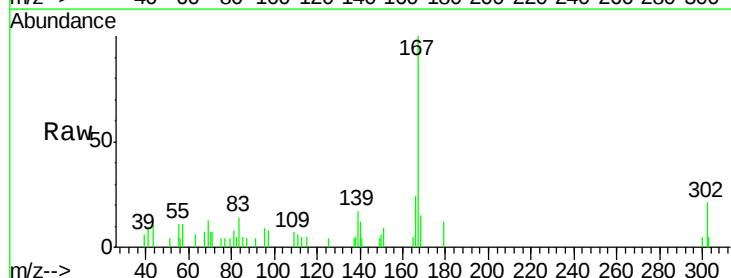
Tgt Ion:167 Resp: 12444

Ion Ratio Lower Upper

167 100

166 24.1 18.2 27.2

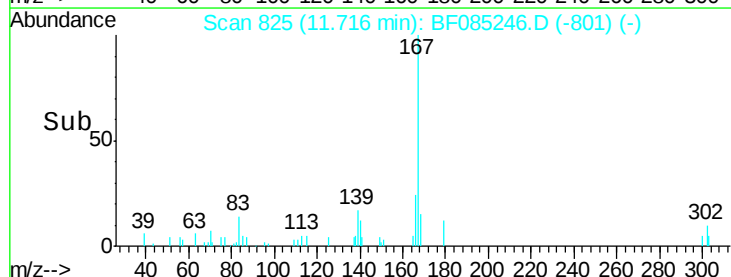
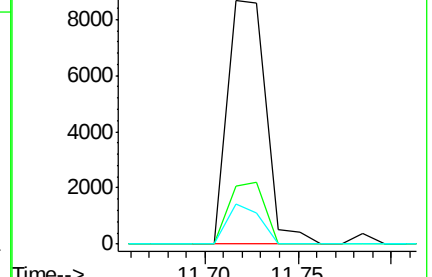
139 16.5 11.4 17.0

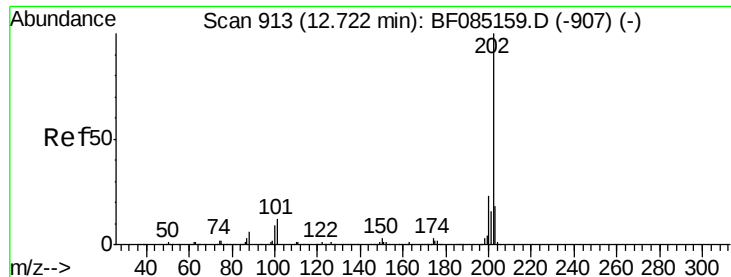


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

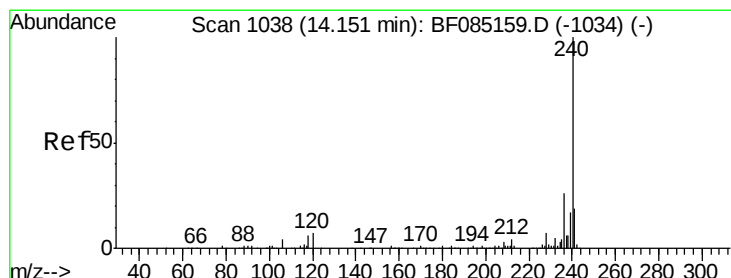
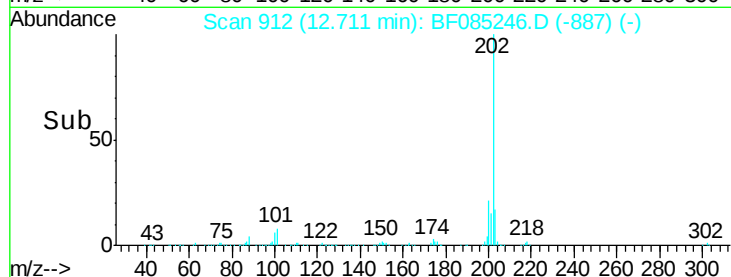
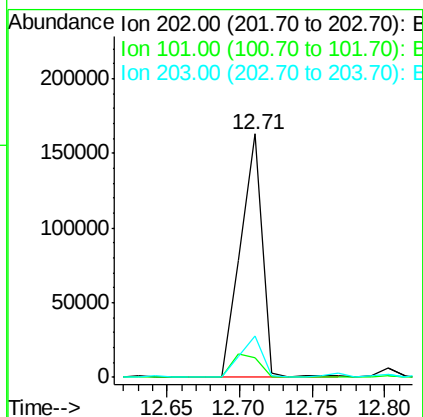
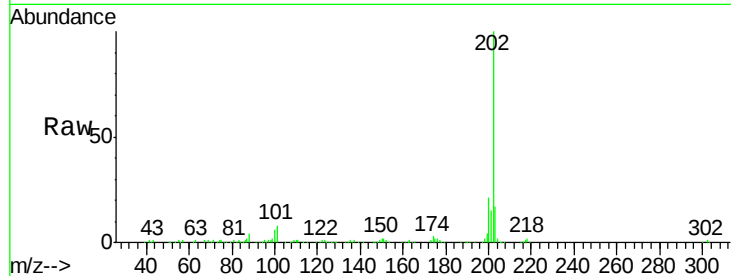




#74
Fluoranthene
Concen: 46.29 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

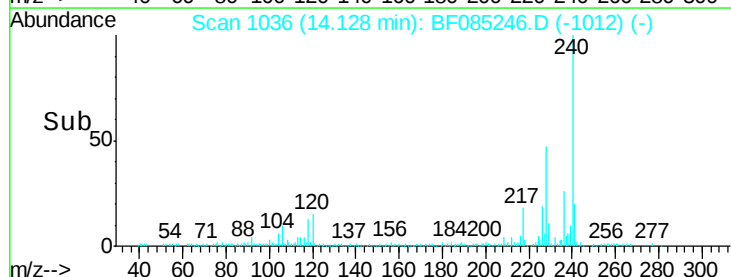
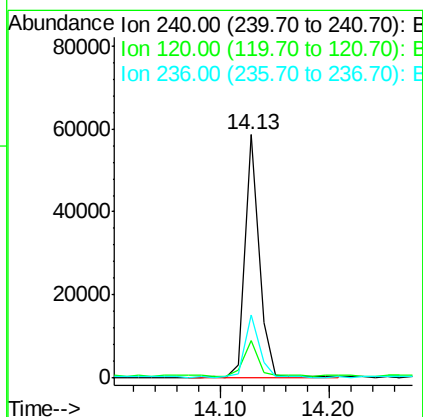
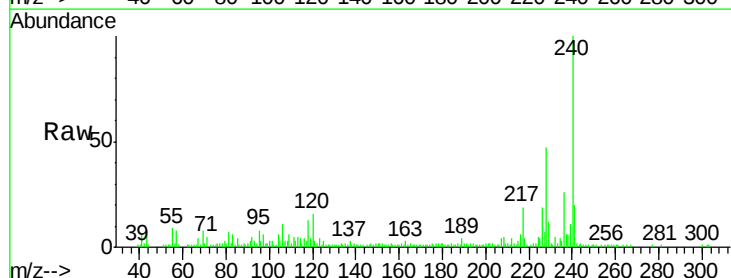
Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

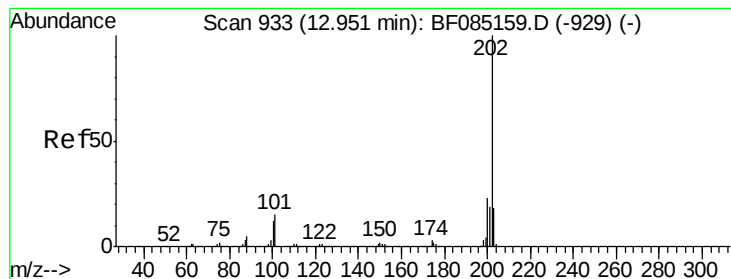
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	31.8
203	17.0	0.0	38.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.3	7.9#
236	25.9	20.7	31.1





#77

Pyrene

Concen: 38.09 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

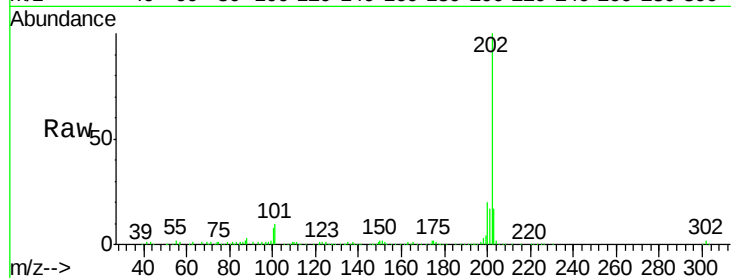
Tgt Ion:202 Resp: 153476

Ion Ratio Lower Upper

202 100

200 19.8 18.2 27.4

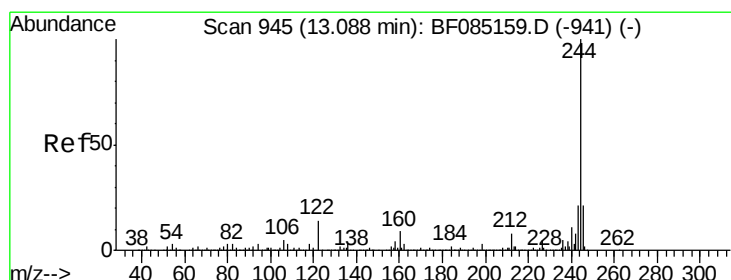
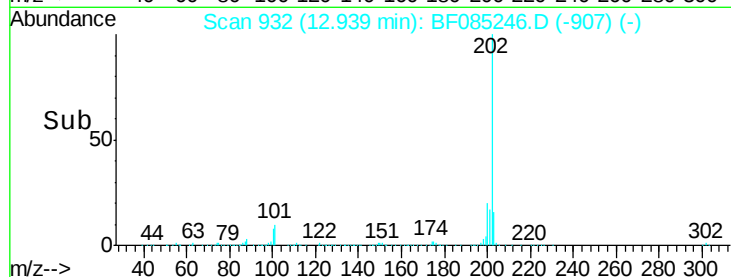
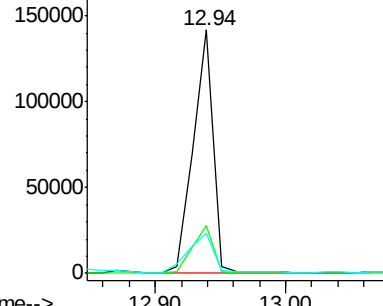
203 16.7 14.7 22.1



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: 70.54 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

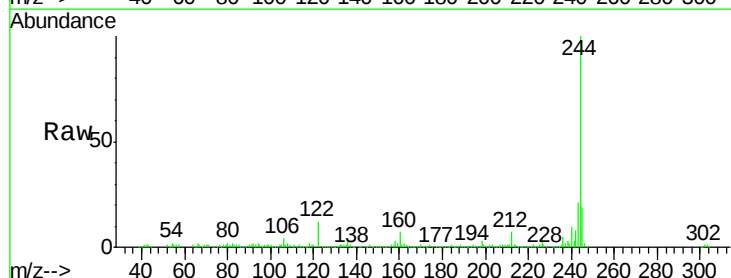
Tgt Ion:244 Resp: 162681

Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

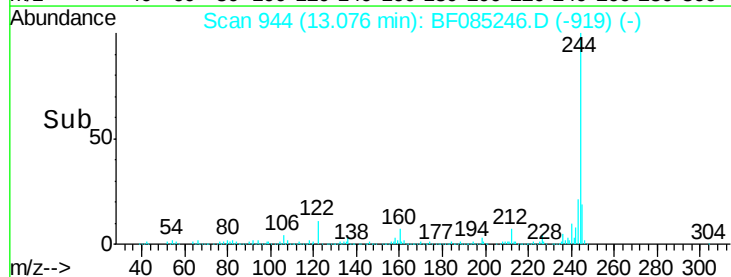
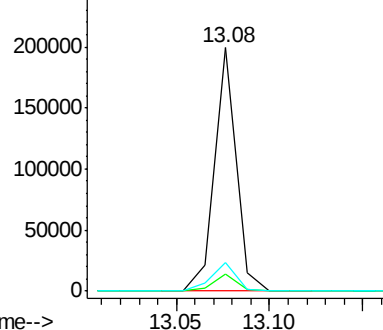
122 11.6 11.4 17.2

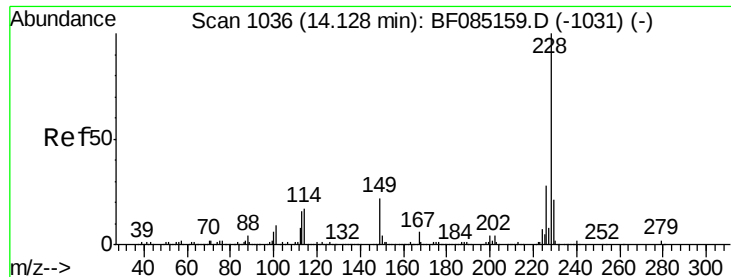


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 27.90 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

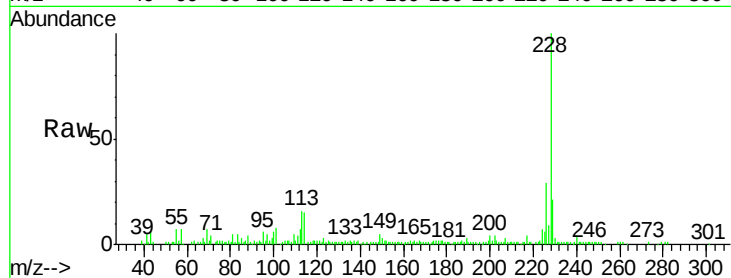
Tgt Ion:228 Resp: 89432

Ion Ratio Lower Upper

228 100

226 29.2 22.8 34.2

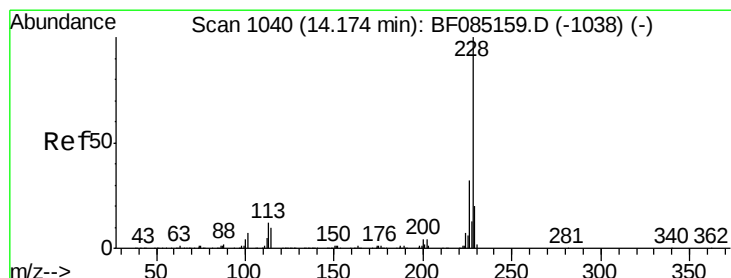
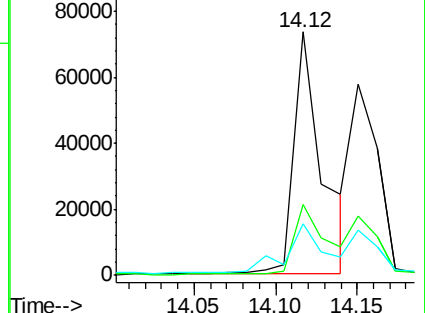
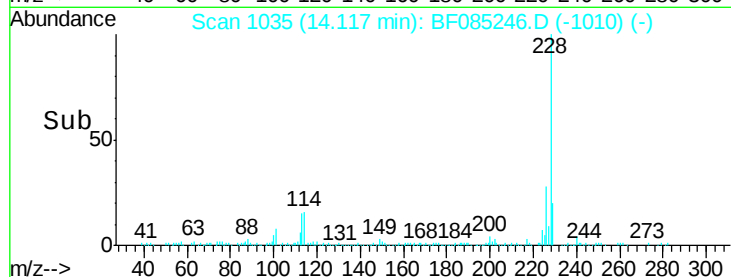
229 21.5 16.6 24.8



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



#82

Chrysene

Concen: 22.85 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

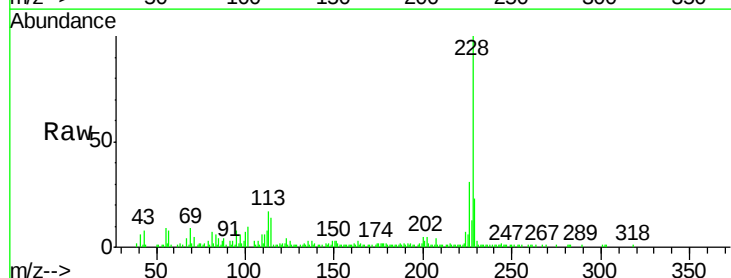
Tgt Ion:228 Resp: 67670

Ion Ratio Lower Upper

228 100

226 30.7 25.2 37.8

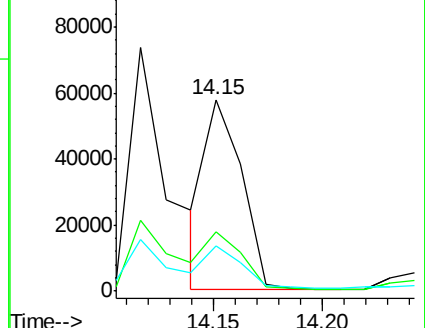
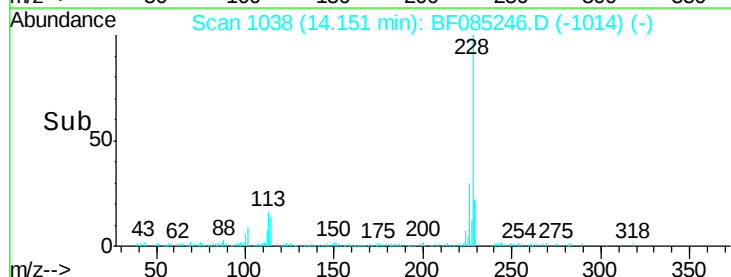
229 23.4 16.0 24.0

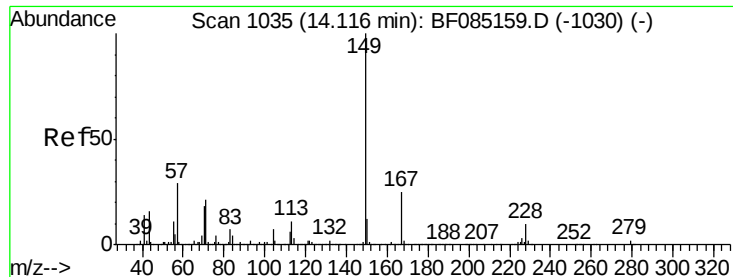


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

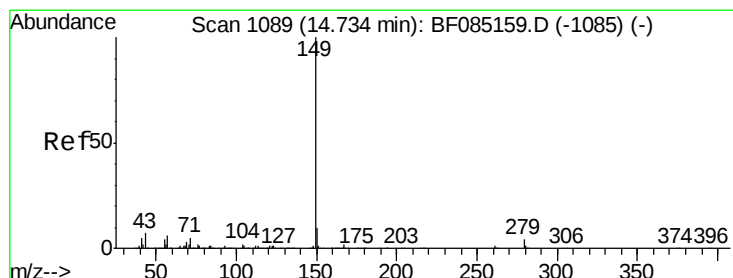
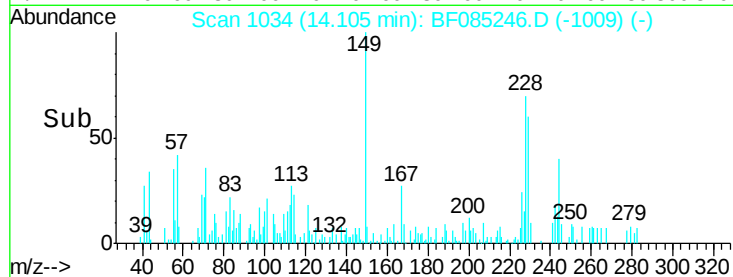
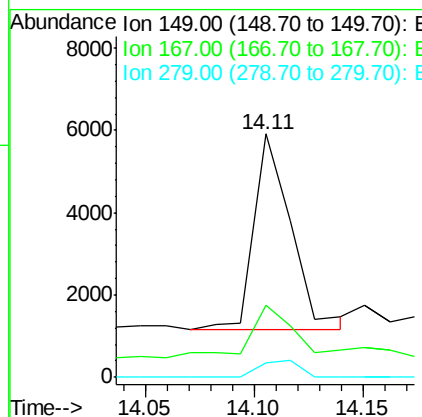
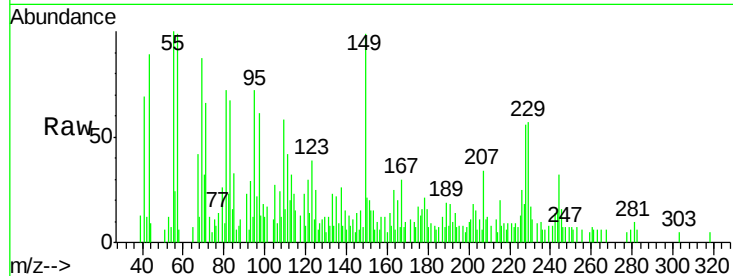




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.32 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF085246.D
 Acq: 5 Mar 2016 11:24

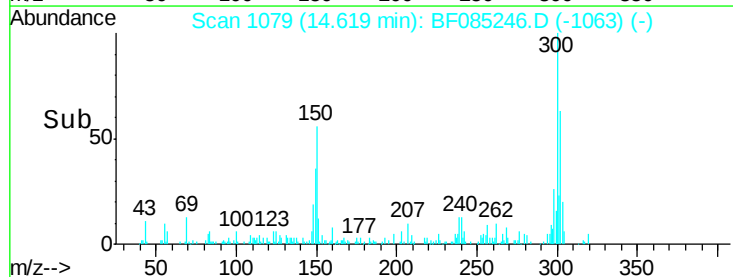
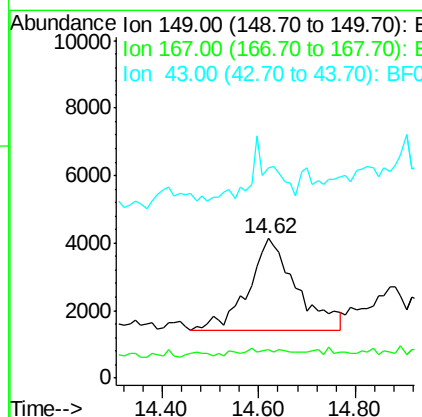
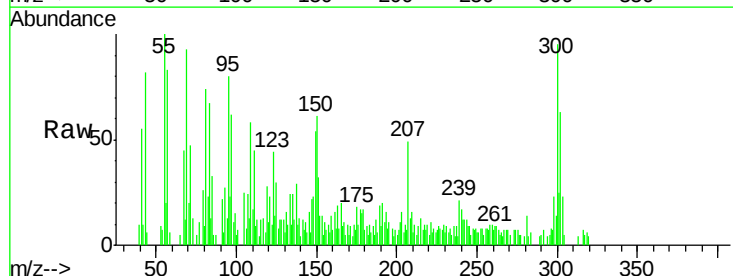
Instrument :
 BNA_F
 ClientSampleId :
 SP-002(0-2)

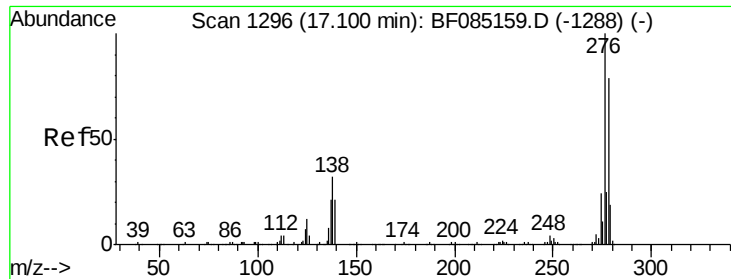
Tgt Ion:149 Resp: 5592
 Ion Ratio Lower Upper
 149 100
 167 29.7 20.3 30.5
 279 6.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 5.14 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.11 min
 Lab File: BF085246.D
 Acq: 5 Mar 2016 11:24

Tgt Ion:149 Resp: 18818
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 0.0 7.8 11.8#

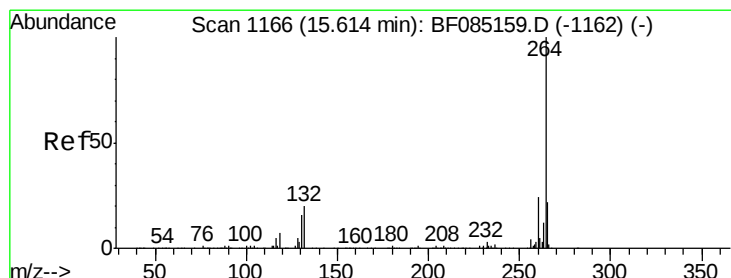
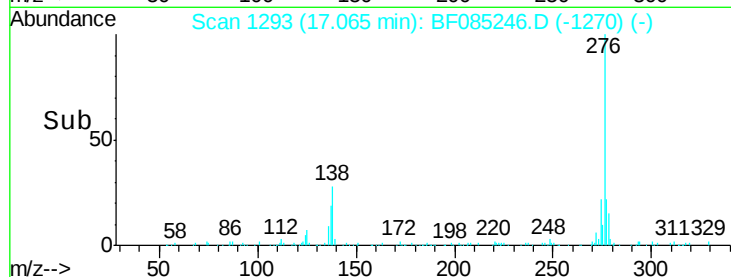
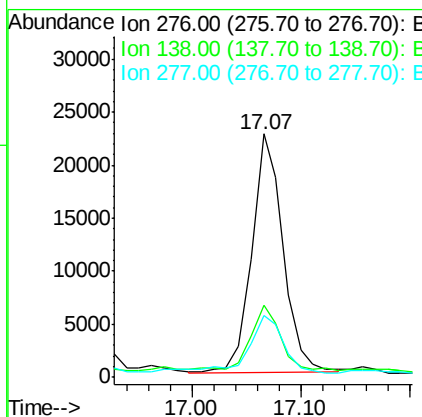
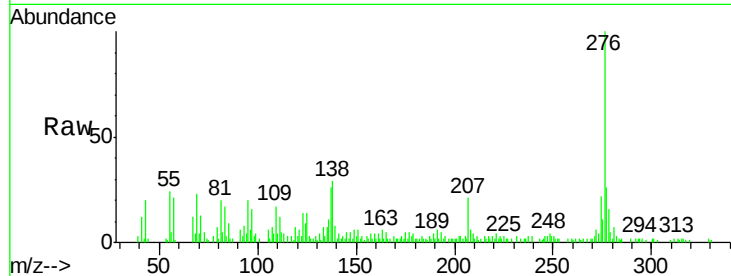




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 19.47 ng
 RT: 17.07 min Scan# 1293
 Delta R.T. -0.03 min
 Lab File: BF085246.D
 Acq: 5 Mar 2016 11:24

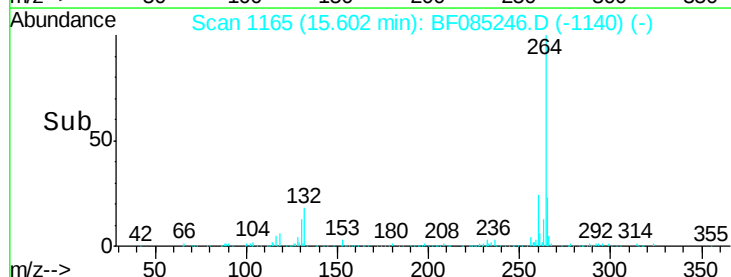
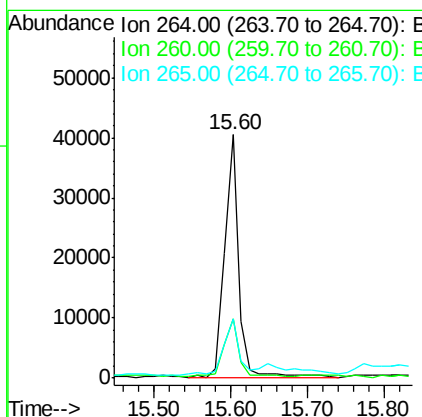
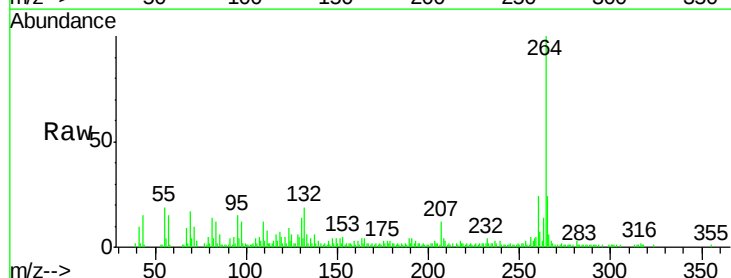
Instrument :
 BNA_F
 ClientSampleId :
 SP-002(0-2)

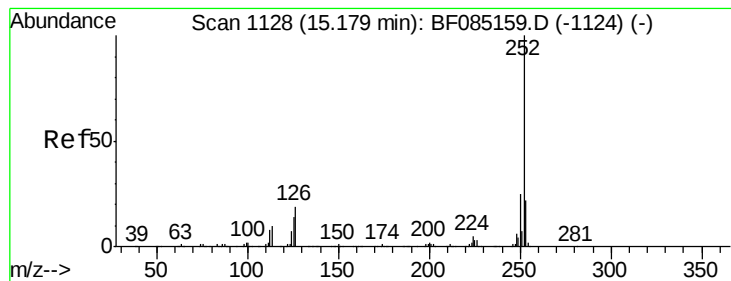
Tgt Ion:276 Resp: 44979
 Ion Ratio Lower Upper
 276 100
 138 25.9 26.4 39.6#
 277 28.4 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085246.D
 Acq: 5 Mar 2016 11:24

Tgt Ion:264 Resp: 54360
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 24.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 43.35 ng

RT: 15.17 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

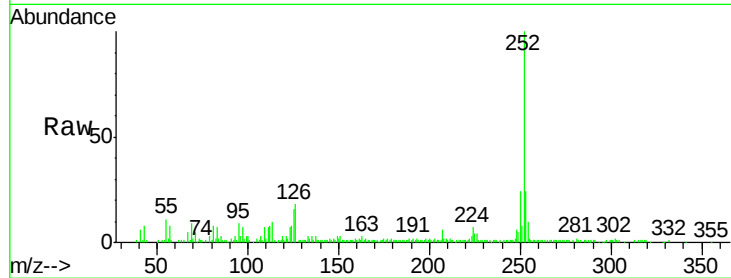
Tgt Ion:252 Resp: 157078

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.6

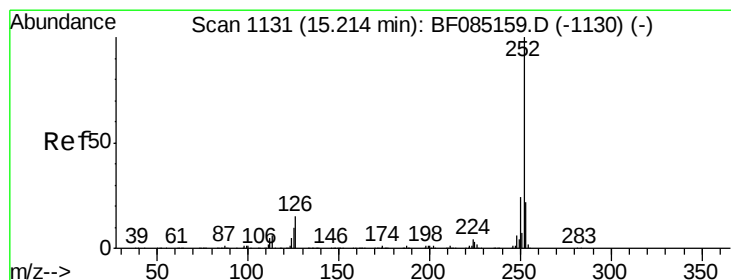
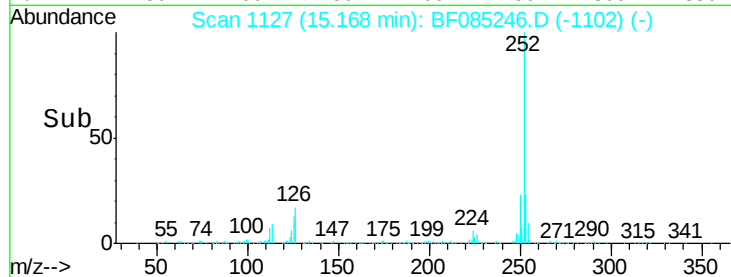
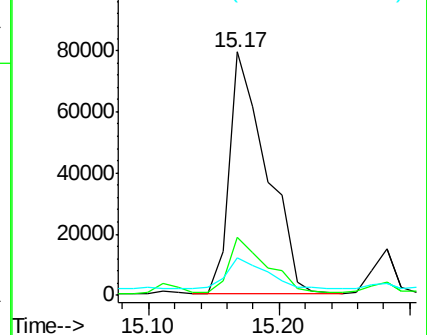
125 15.7 11.3 16.9



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: 53.75 ng

RT: 15.17 min Scan# 1127

Delta R.T. -0.05 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

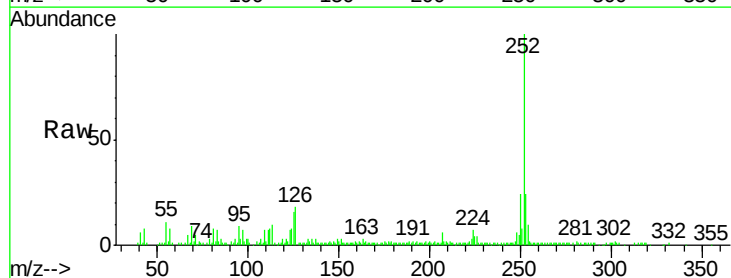
Tgt Ion:252 Resp: 157078

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.6

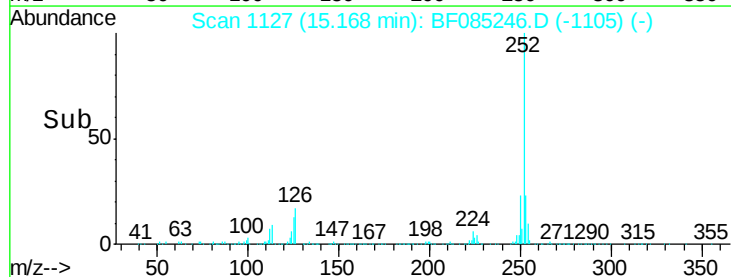
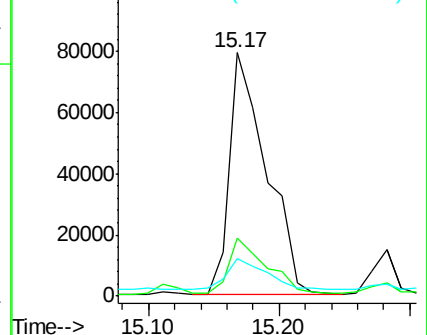
125 15.7 10.4 15.6#

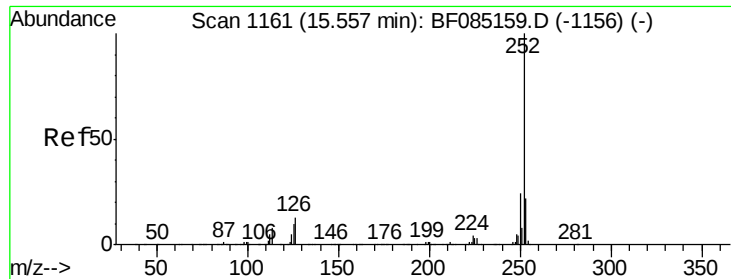


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 19.56 ng

RT: 15.53 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

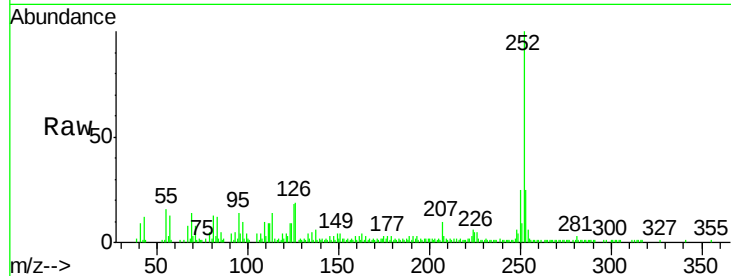
Tgt Ion:252 Resp: 58718

Ion Ratio Lower Upper

252 100

253 25.3 17.4 26.0

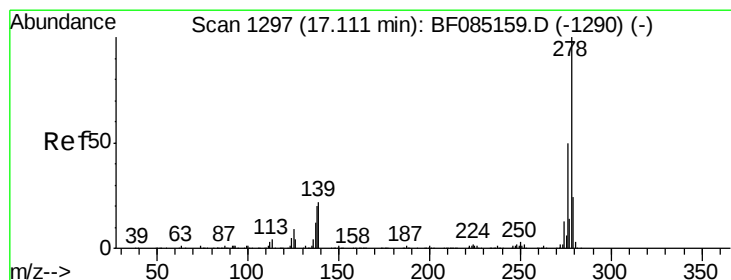
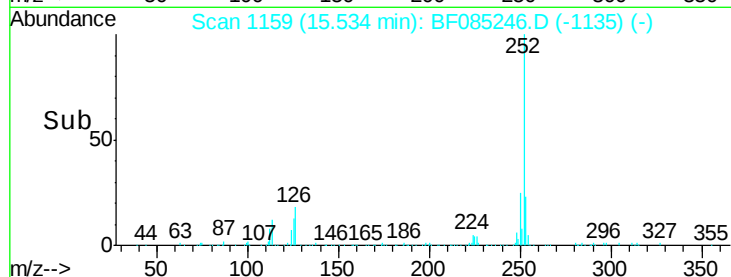
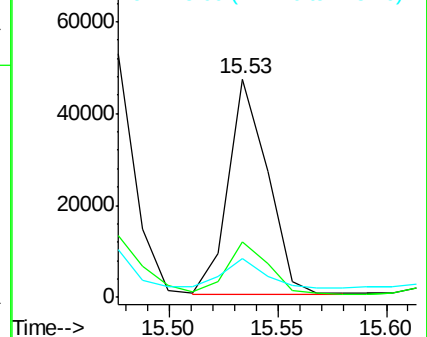
125 18.0 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.27 ng

RT: 17.08 min Scan# 1294

Delta R.T. -0.03 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

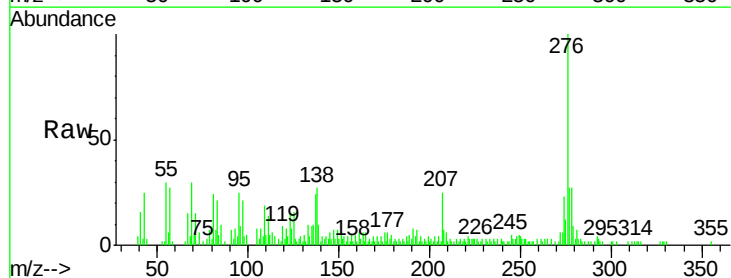
Tgt Ion:278 Resp: 10954

Ion Ratio Lower Upper

278 100

139 36.0 17.3 25.9#

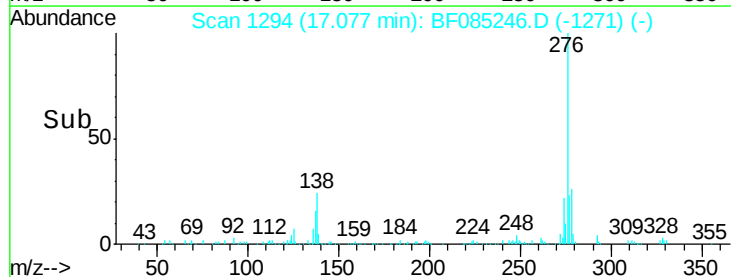
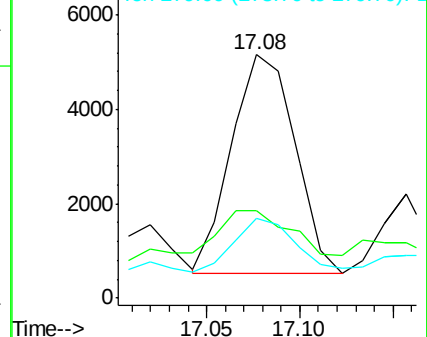
279 32.6 19.2 28.8#

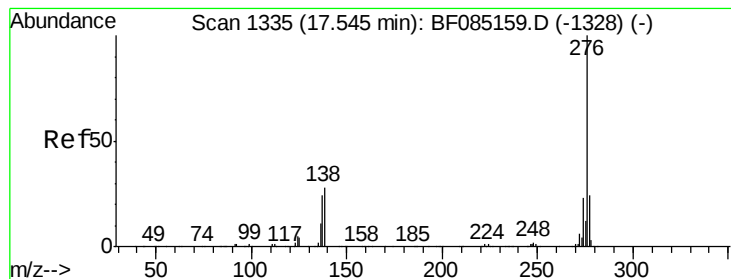


Abundance Ion 278.00 (277.70 to 278.70): E

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: 15.91 ng

RT: 17.51 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF085246.D

Acq: 5 Mar 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

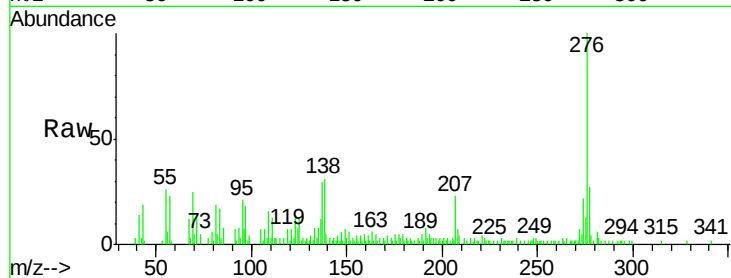
Tgt Ion: 276 Resp: 40994

Ion Ratio Lower Upper

276 100

277 27.1 19.0 28.4

138 31.1 22.5 33.7



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

