

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085247.D
 Acq On : 5 Mar 2016 11:52
 Operator : SJ/IZ
 Sample : H1675-05 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-003(0-2)

Quant Time: Mar 07 00:06:24 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	21256	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	86127	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	35401	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	50112	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	37683	20.00	ng	-0.02
86) Perylene-d12	15.60	264	35757	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	219901	173.53	ng	-0.01
7) Phenol-d6	6.58	99	297056	178.92	ng	-0.02
23) Nitrobenzene-d5	7.52	82	148790	92.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	25493	84.16	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	293502	126.09	ng	-0.02
78) Terphenyl-d14	13.08	244	185754	114.43	ng	-0.01

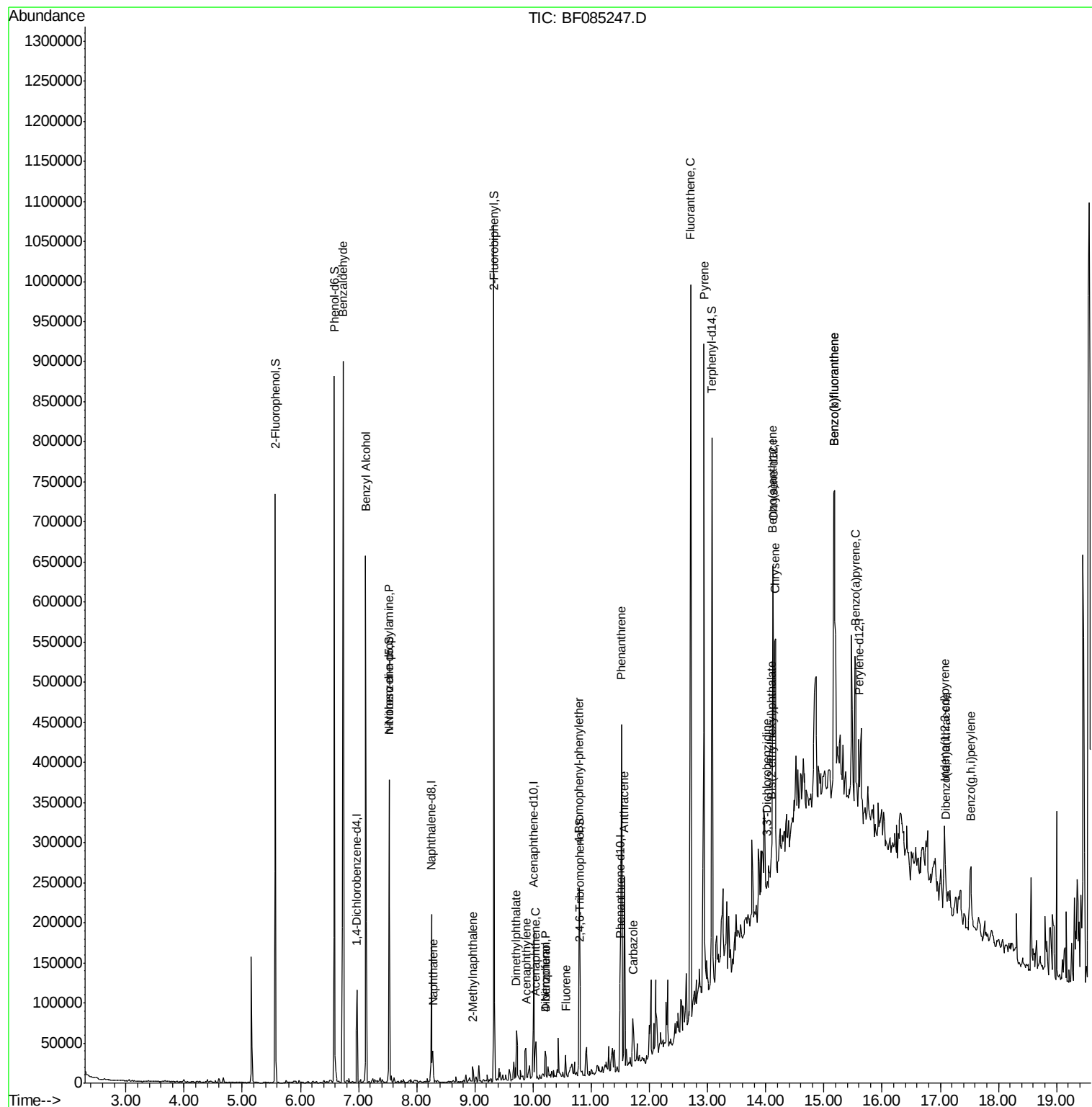
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	5401	3.91	ng	86
15) Benzyl Alcohol	7.12	79	3214	2.64	ng	# 49
19) n-Nitroso-di-n-propylamine	7.52	70	19330	17.86	ng	# 82
31) Naphthalene	8.28	128	16560	3.91	ng	99
37) 2-Methylnaphthalene	8.96	142	8282	3.05	ng	98
48) Acenaphthylene	9.88	152	23535	6.56	ng	96
49) Dimethylphthalate	9.72	163	28097	10.34	ng	# 95
51) Acenaphthene	10.05	154	12069	5.54	ng	99
54) Dibenzofuran	10.22	168	13897	4.87	ng	92
55) 4-Nitrophenol	10.22	139	5618	10.28	ng	# 17
57) Fluorene	10.56	166	11610	5.18	ng	# 95
66) 4-Bromophenyl-phenylether	10.79	248	1847	3.80	ng	# 1
70) Phenanthrene	11.52	178	185290	70.55	ng	96
71) Anthracene	11.57	178	91997	33.00	ng	97
72) Carbazole	11.72	167	26705	10.92	ng	97
74) Fluoranthene	12.71	202	384483	145.88	ng	96
77) Pyrene	12.94	202	348280	122.80	ng	98
80) Benzo(a)anthracene	14.12	228	188812	83.70	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	1914	2.69	ng	# 25
82) Chrysene	14.16	228	159737	76.65	ng	97
83) Bis(2-ethylhexyl)phthalate	14.11	149	7111	4.20	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.08	276	71882	44.20	ng	93
87) Benzo(b)fluoranthene	15.18	252	283917	119.13	ng	99
88) Benzo(k)fluoranthene	15.18	252	283917	147.69	ng	98
89) Benzo(a)pyrene	15.55	252	112283	56.85	ng	# 96
90) Dibenzo(a,h)anthracene	17.09	278	18131	10.75	ng	# 85
91) Benzo(g,h,i)perylene	17.52	276	66890	39.46	ng	98

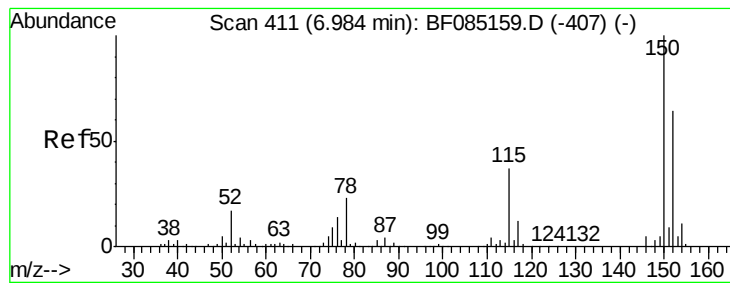
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085247.D
Acq On : 5 Mar 2016 11:52
Operator : SJ/IZ
Sample : H1675-05 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Quant Time: Mar 07 00:06:24 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

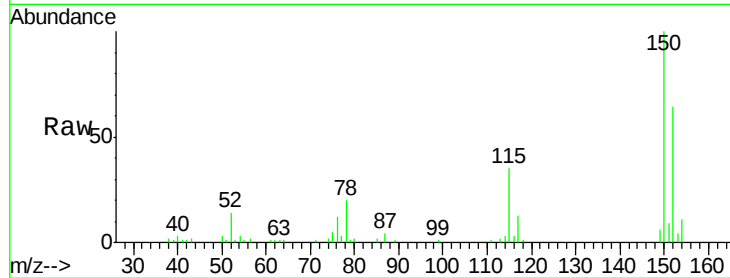
Tgt Ion:152 Resp: 21256

Ion Ratio Lower Upper

152 100

150 157.4 124.6 186.8

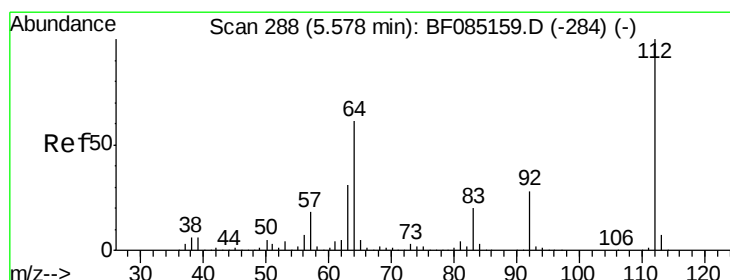
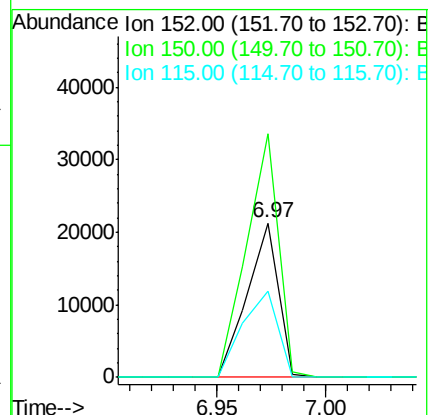
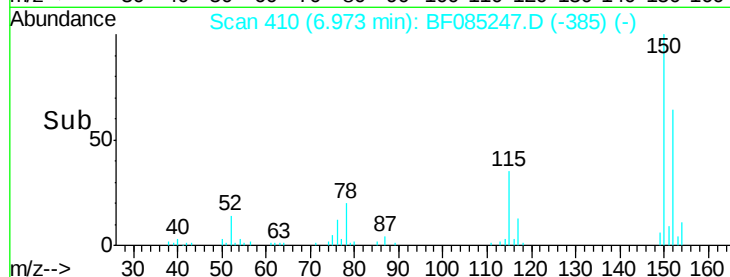
115 55.4 46.6 70.0



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: 173.53 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

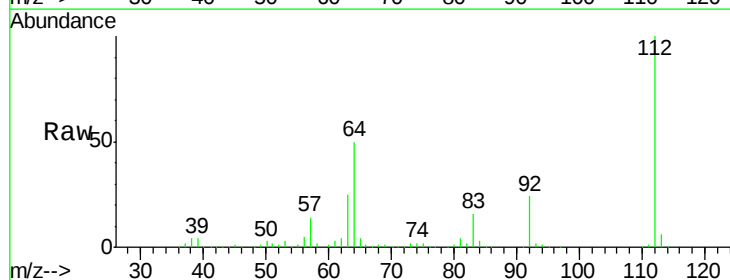
Tgt Ion:112 Resp: 219901

Ion Ratio Lower Upper

112 100

64 50.3 49.0 73.4

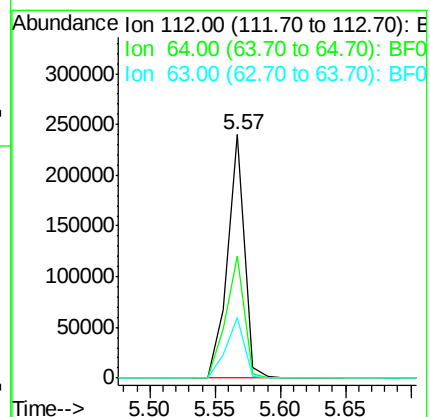
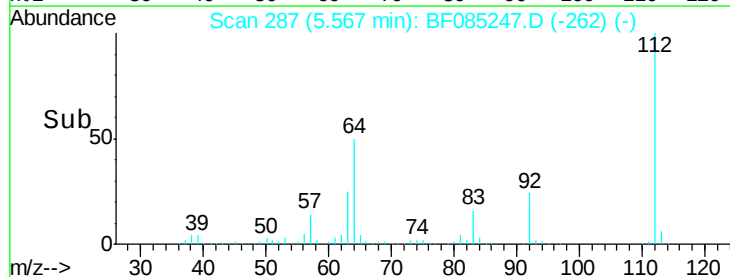
63 24.7 24.8 37.2#

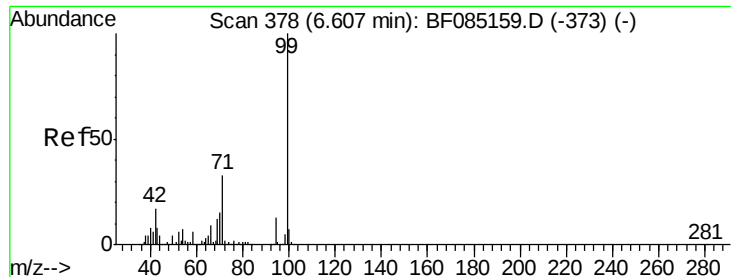


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 178.92 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

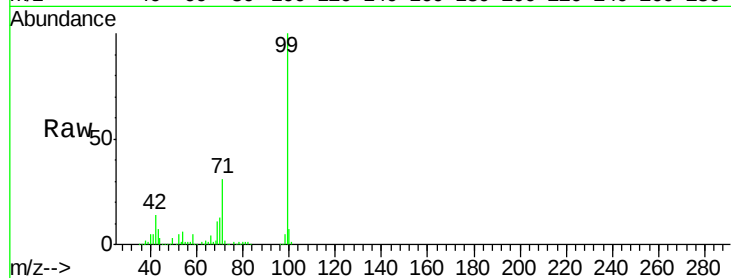
Tgt Ion: 99 Resp: 297056

Ion Ratio Lower Upper

99 100

42 13.6 13.6 20.4

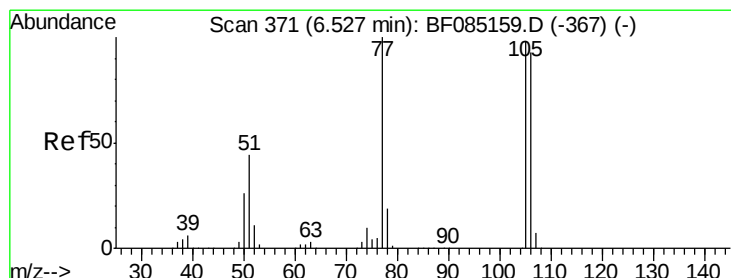
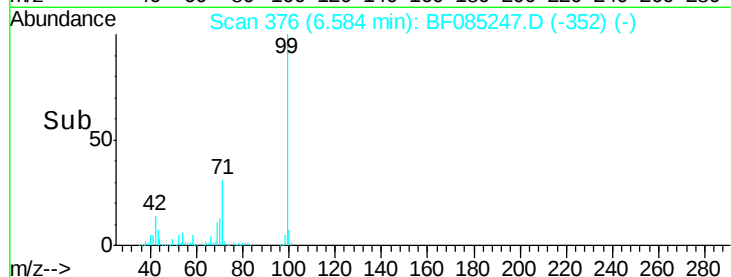
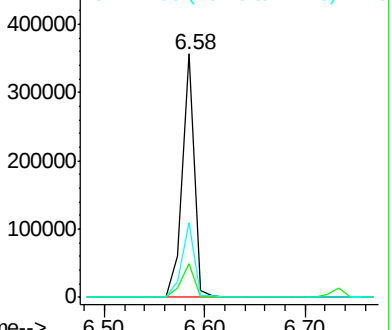
71 30.5 26.7 40.1



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



#9

Benzaldehyde

Concen: 3.91 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

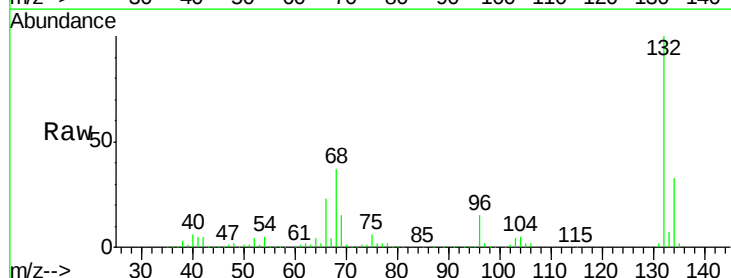
Tgt Ion: 77 Resp: 5401

Ion Ratio Lower Upper

77 100

105 83.6 78.2 118.2

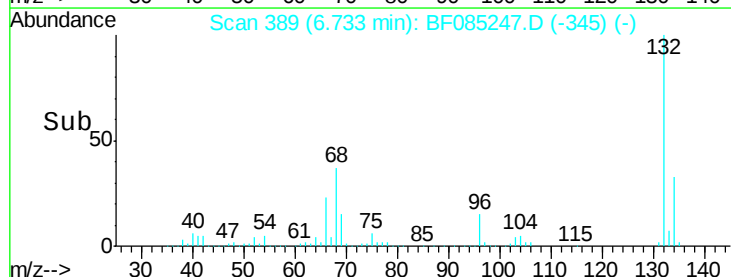
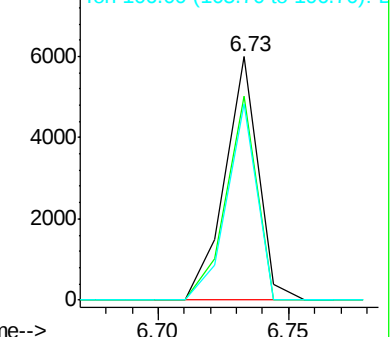
106 80.6 72.9 112.9

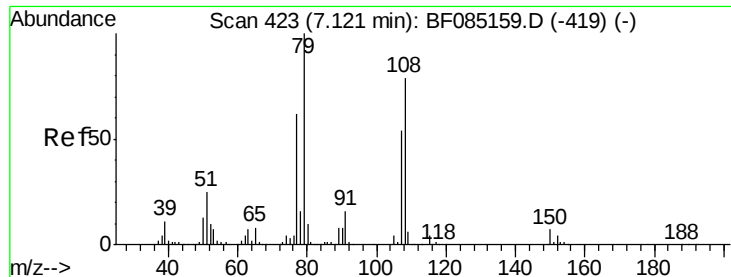


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.64 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

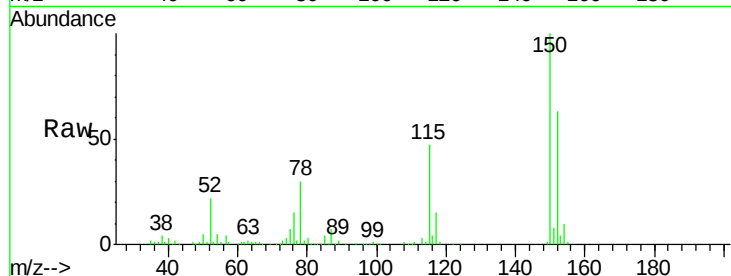
Tgt Ion: 79 Resp: 3214

Ion Ratio Lower Upper

79 100

108 30.8 62.9 94.3#

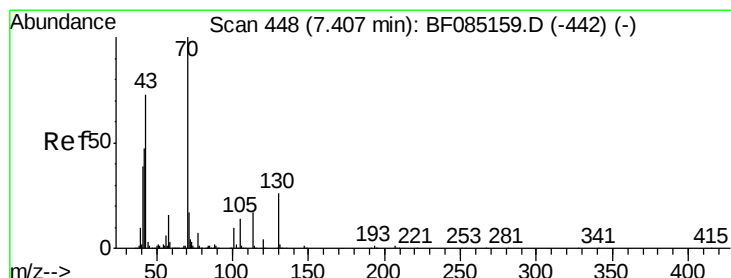
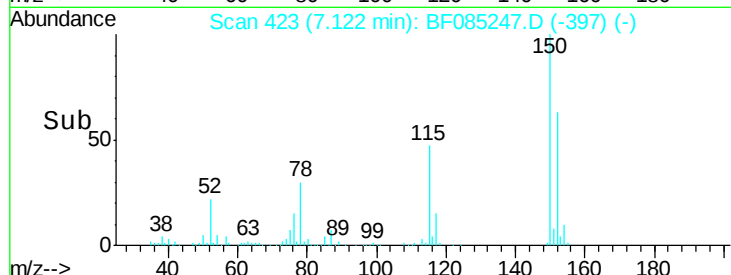
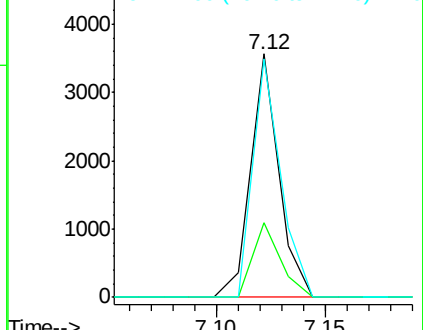
77 97.9 49.5 74.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.86 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Tgt Ion: 70 Resp: 19330

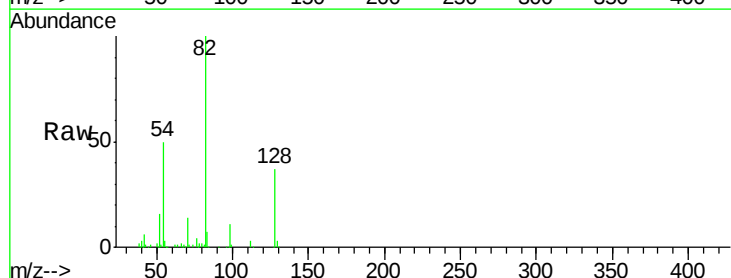
Ion Ratio Lower Upper

70 100

42 47.5 37.7 56.5

101 0.0 8.2 12.4#

130 2.0 20.5 30.7#

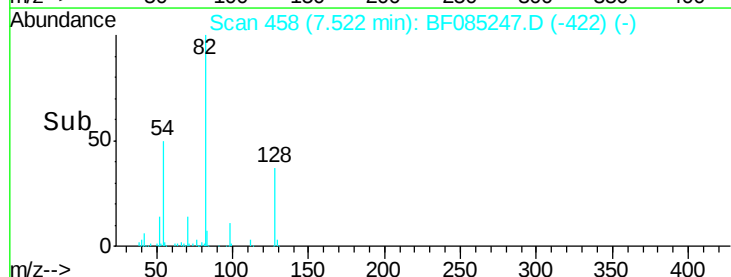
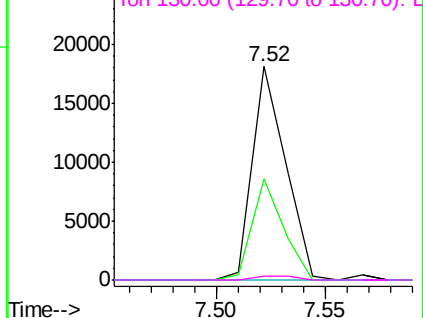


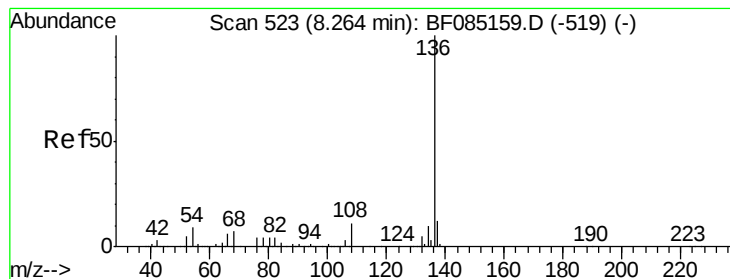
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

Tgt Ion:136 Resp: 86127

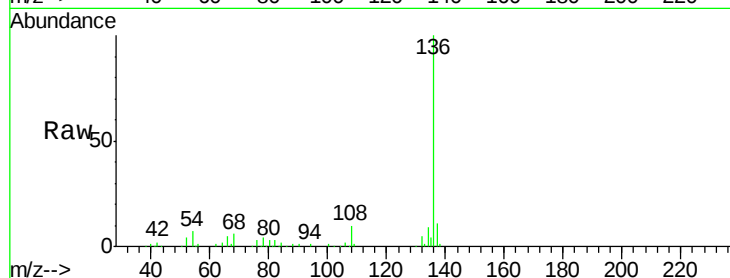
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.4 7.4 11.2#

68 6.4 6.0 9.0

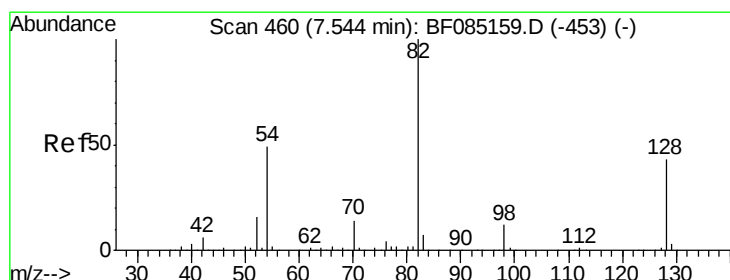
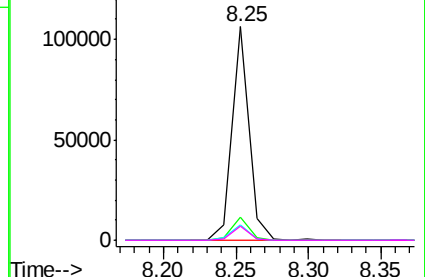
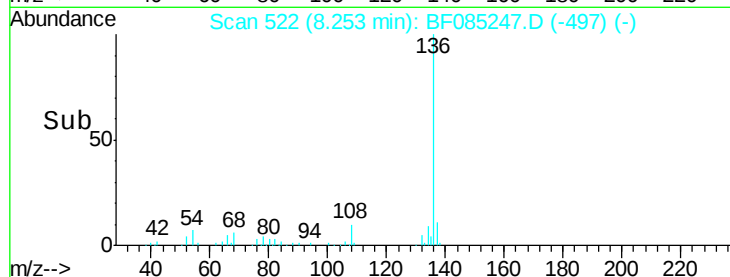


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.45 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

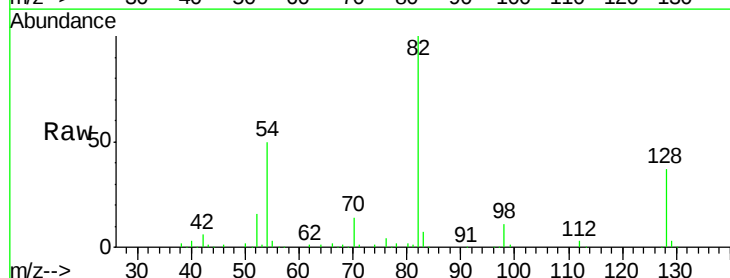
Tgt Ion: 82 Resp: 148790

Ion Ratio Lower Upper

82 100

128 37.4 34.5 51.7

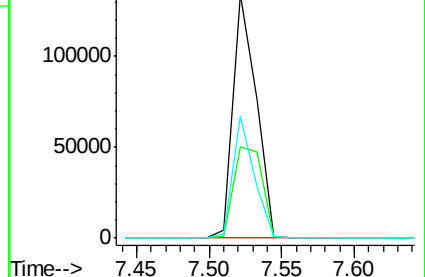
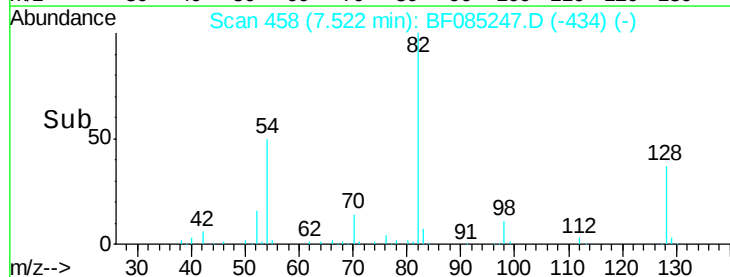
54 50.2 39.3 58.9

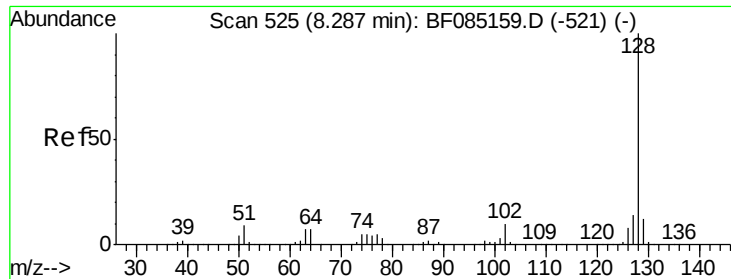


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

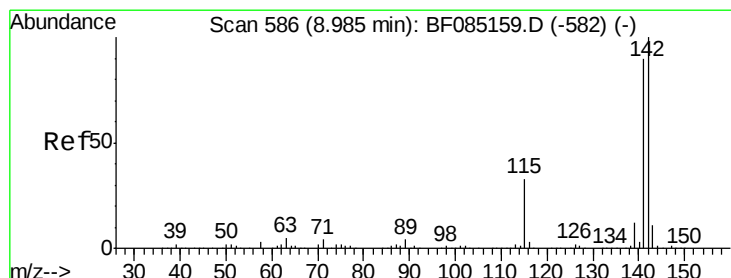
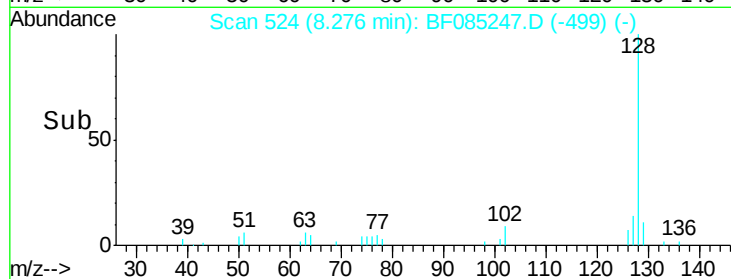
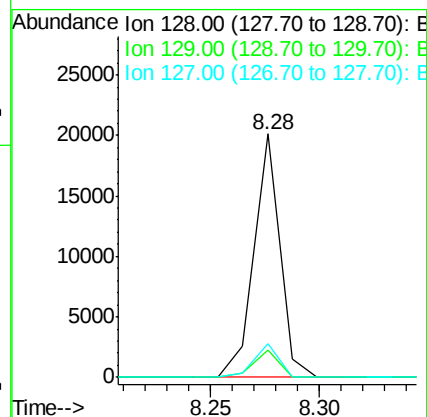
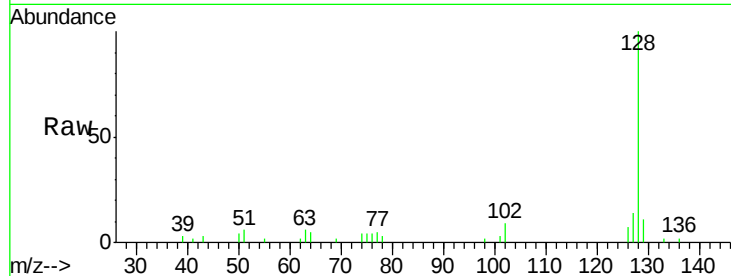




#31
Naphthalene
Concen: 3.91 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085247.D
Acq: 5 Mar 2016 11:52

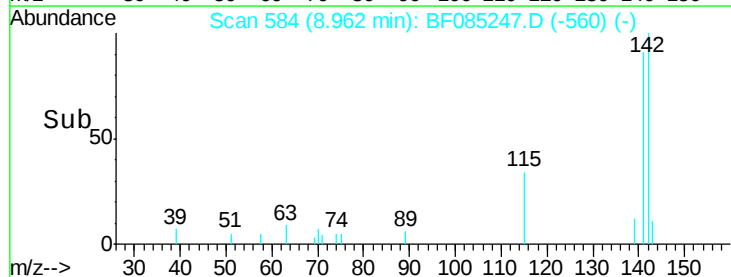
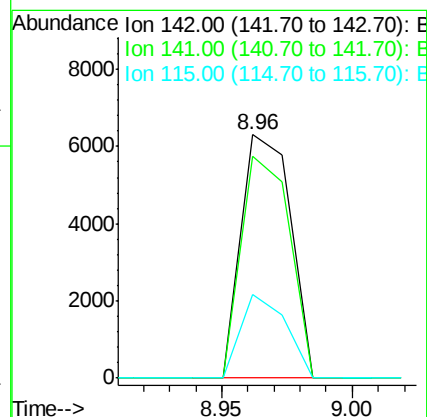
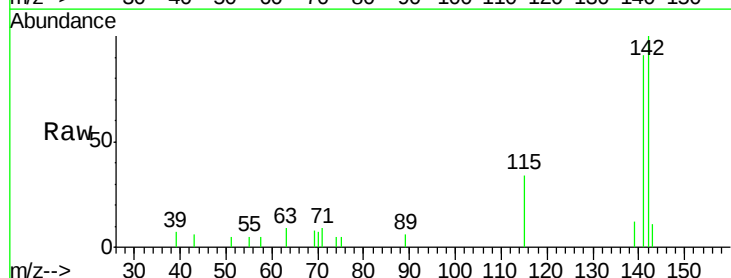
Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

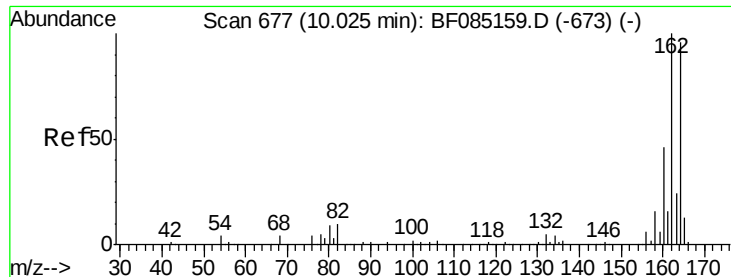
Tgt Ion:128 Resp: 16560
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 14.0 11.2 16.8



#37
2-Methylnaphthalene
Concen: 3.05 ng
RT: 8.96 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF085247.D
Acq: 5 Mar 2016 11:52

Tgt Ion:142 Resp: 8282
Ion Ratio Lower Upper
142 100
141 91.1 71.7 107.5
115 34.4 26.2 39.4

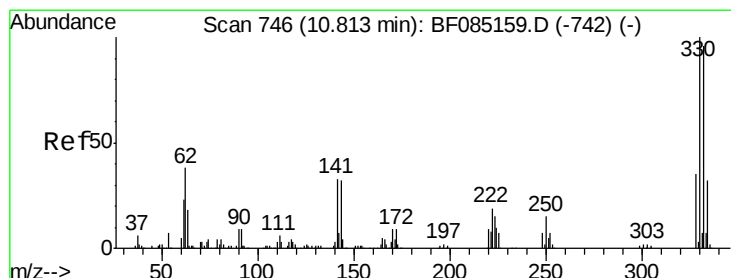
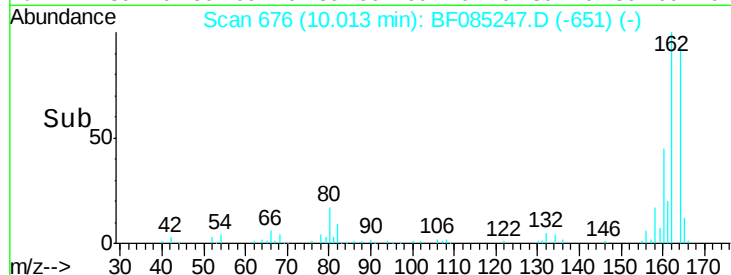
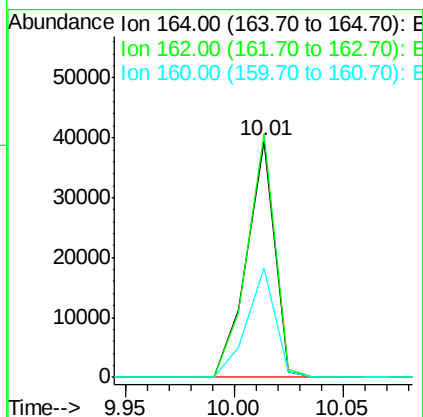
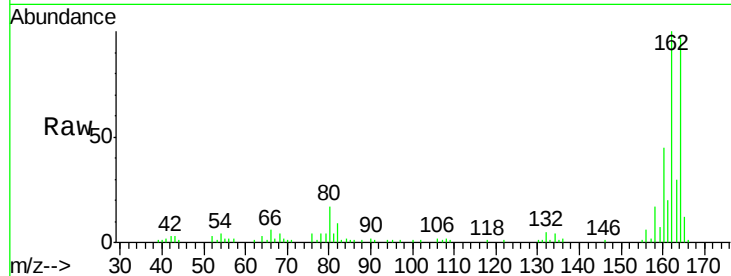




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085247.D
 Acq: 5 Mar 2016 11:52

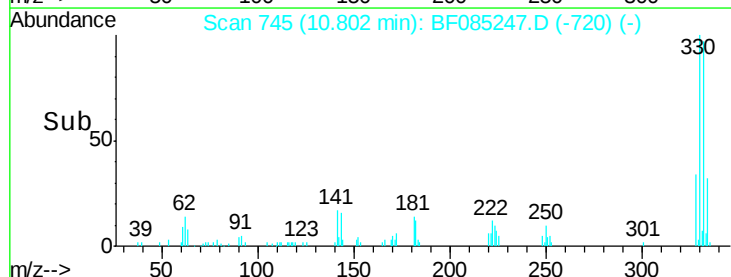
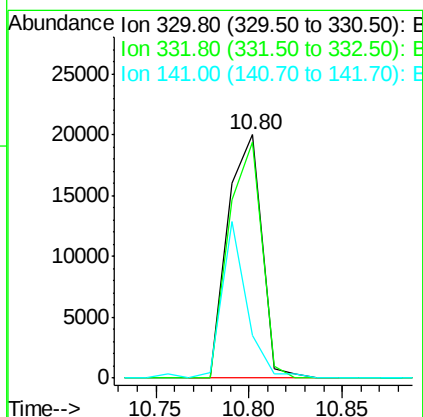
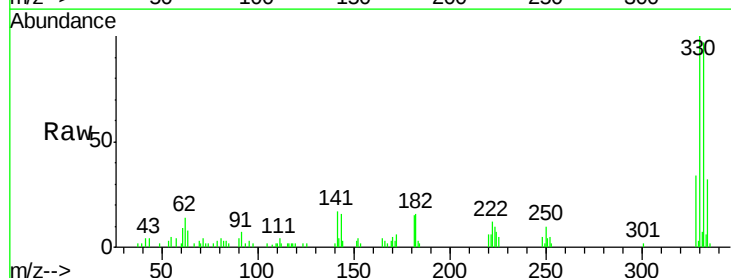
Instrument :
 BNA_F
 ClientSampled :
 SP-003(0-2)

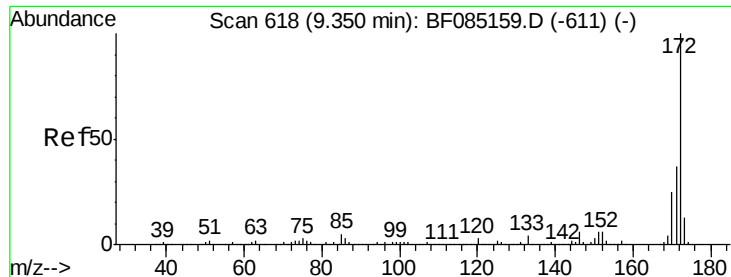
Tgt Ion:164 Resp: 35401
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.3 124.9
 160 45.9 37.9 56.9



#41
 2,4,6-Tribromophenol
 Concen: 84.16 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085247.D
 Acq: 5 Mar 2016 11:52

Tgt Ion:330 Resp: 25493
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.1 115.7
 141 48.3 35.0 52.6

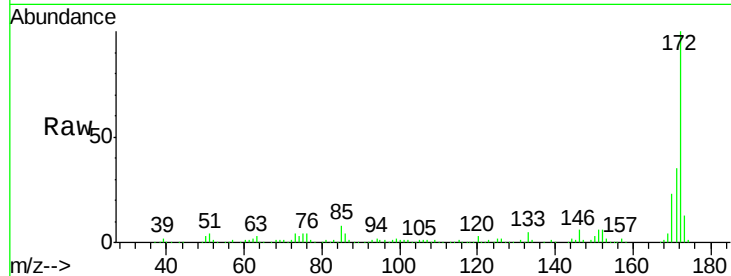




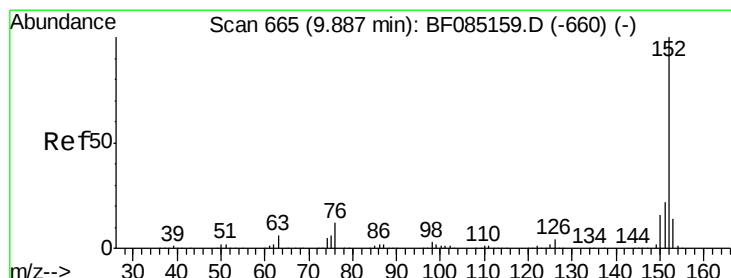
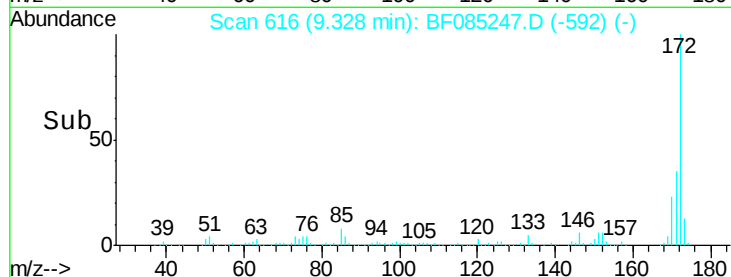
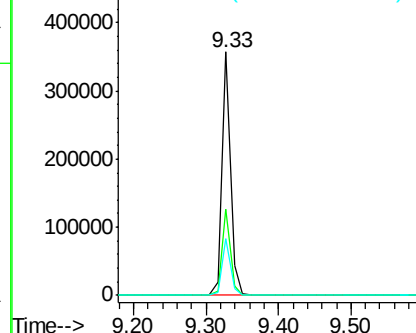
#44
2-Fluorobiphenyl
Concen: 126.09 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085247.D
Acq: 5 Mar 2016 11:52

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.3	43.9
170	23.2	20.0	30.0

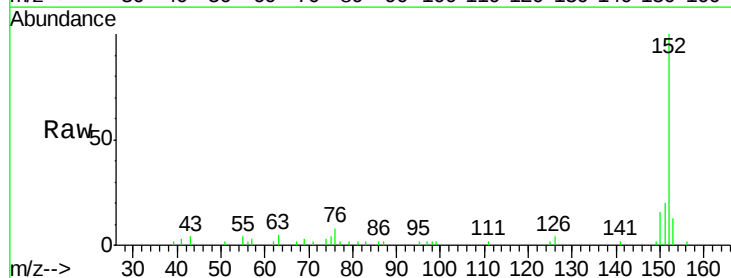


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

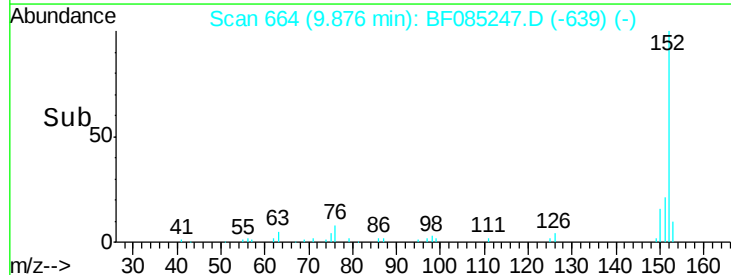
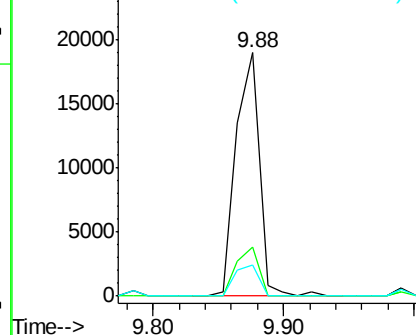


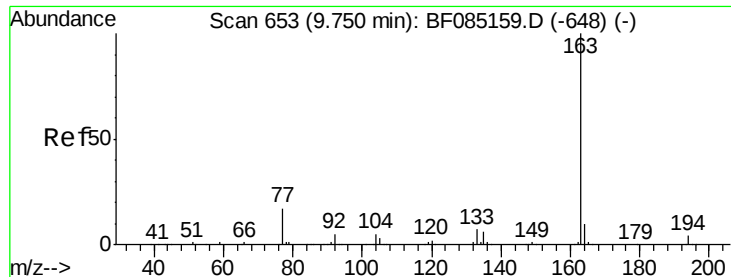
#48
Acenaphthylene
Concen: 6.56 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF085247.D
Acq: 5 Mar 2016 11:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.5	26.3
153	12.8	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: 10.34 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

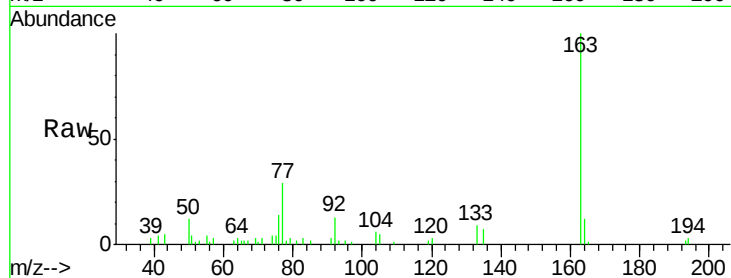
Tgt Ion:163 Resp: 28097

Ion Ratio Lower Upper

163 100

194 2.7 3.1 4.7#

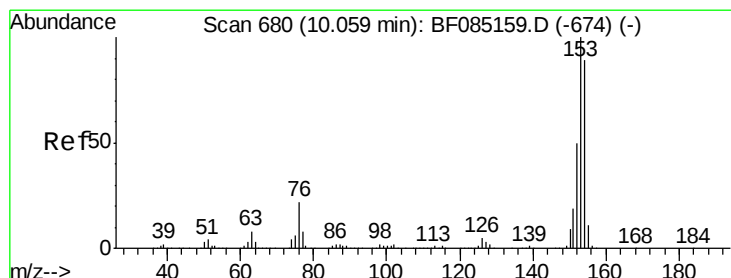
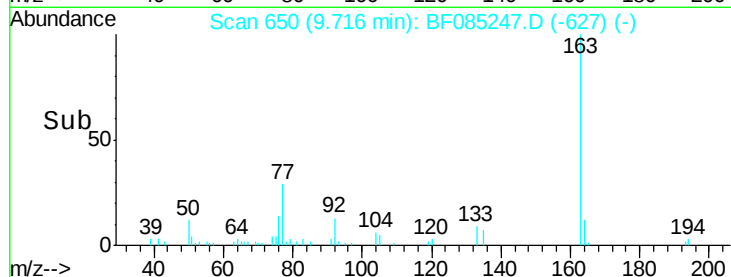
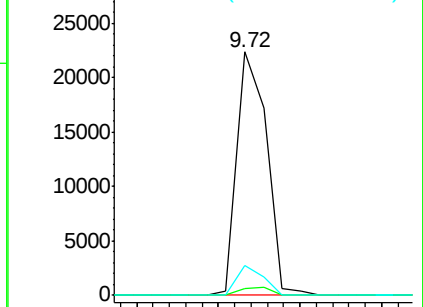
164 12.2 8.2 12.4



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



#51

Acenaphthene

Concen: 5.54 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

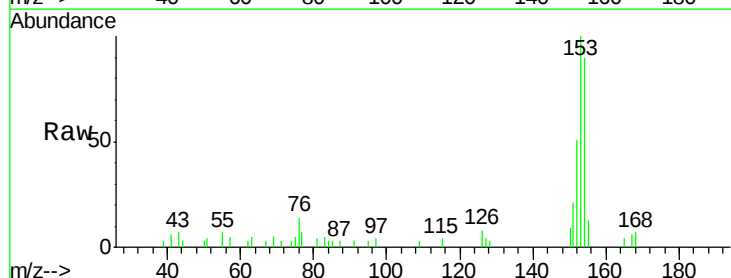
Tgt Ion:154 Resp: 12069

Ion Ratio Lower Upper

154 100

153 111.4 89.8 134.8

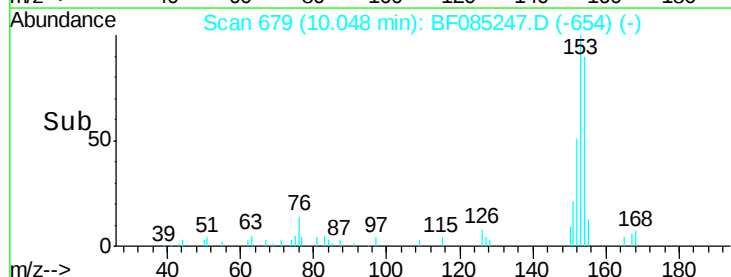
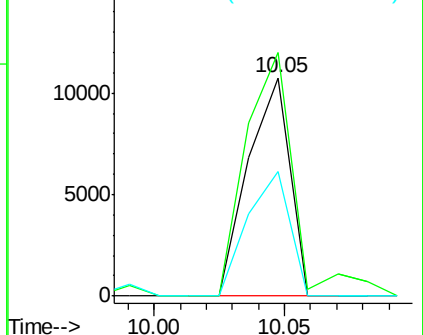
152 57.0 44.6 66.8

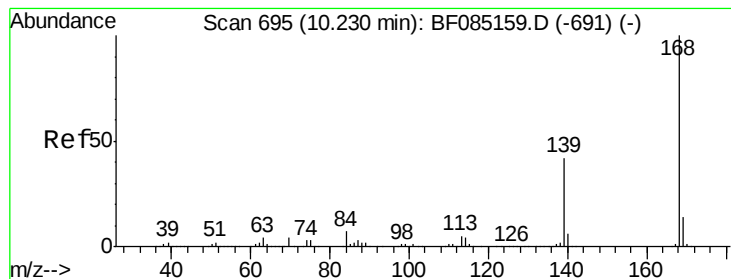


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 4.87 ng

RT: 10.22 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

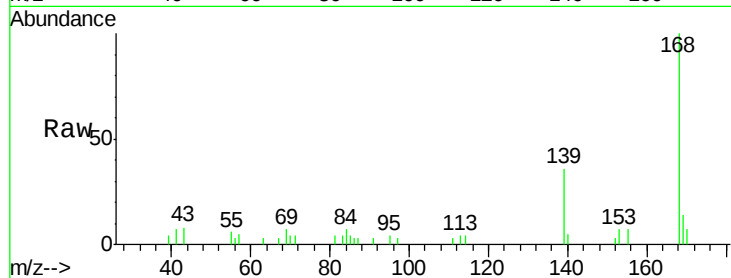
Tgt Ion:168 Resp: 13897

Ion Ratio Lower Upper

168 100

139 35.6 33.6 50.4

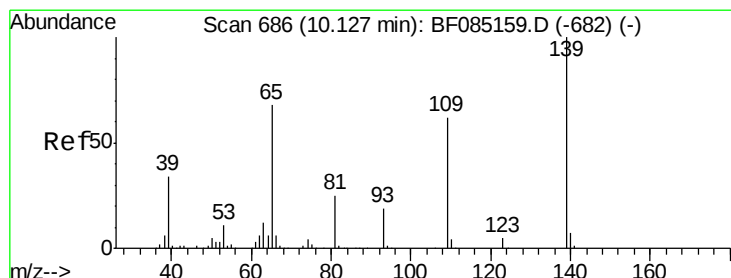
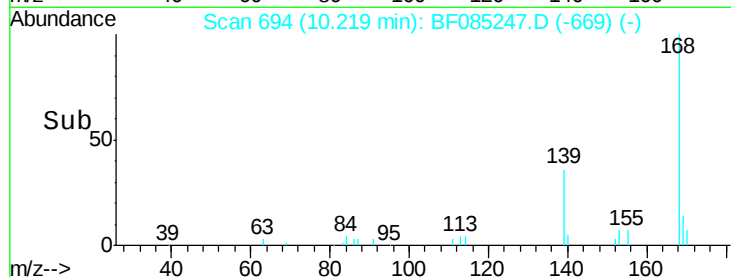
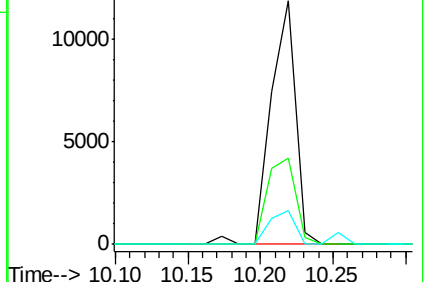
169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 10.28 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.09 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

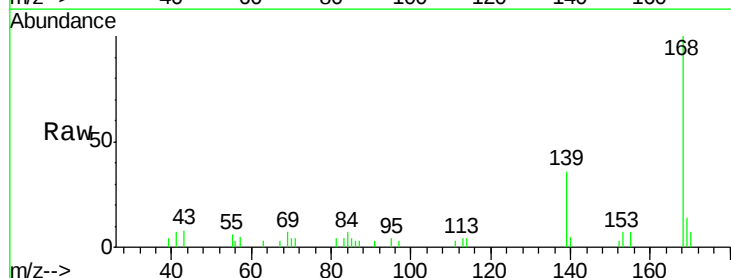
Tgt Ion:139 Resp: 5618

Ion Ratio Lower Upper

139 100

109 0.0 41.9 81.9#

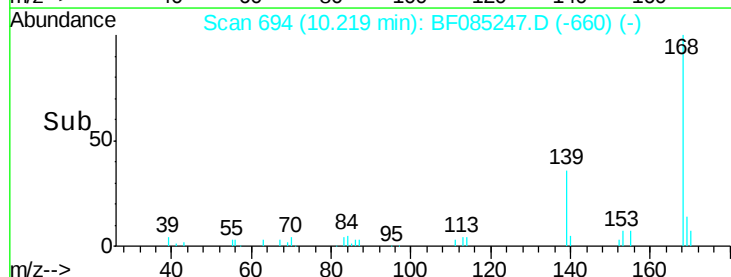
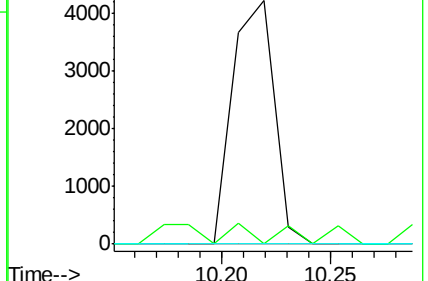
65 0.0 48.3 88.3#

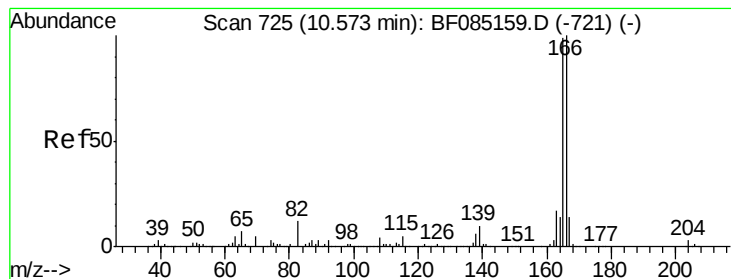


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 5.18 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

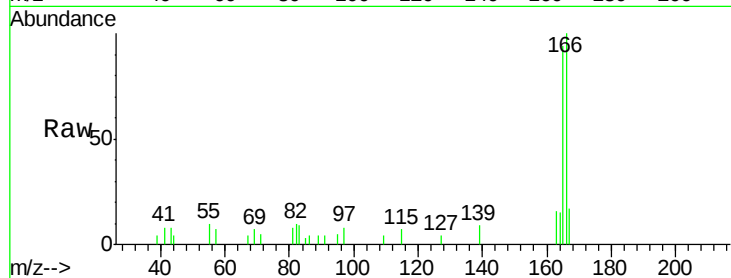
Tgt Ion:166 Resp: 11610

Ion Ratio Lower Upper

166 100

165 94.1 79.4 119.0

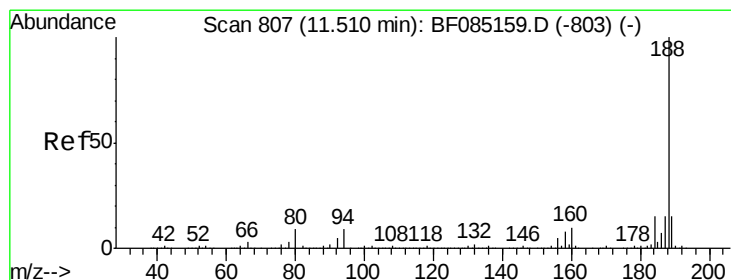
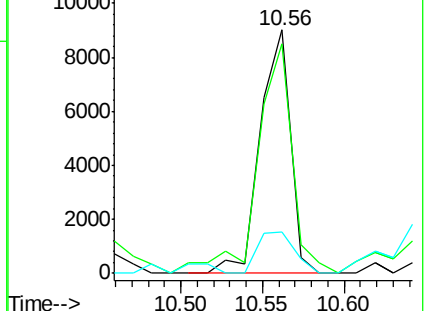
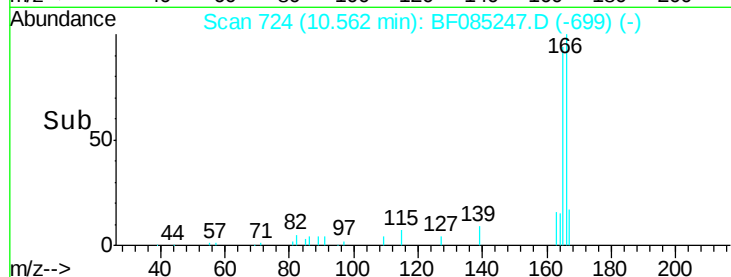
167 16.9 11.0 16.6#



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: BF085247.D

Acq: 5 Mar 2016 11:52

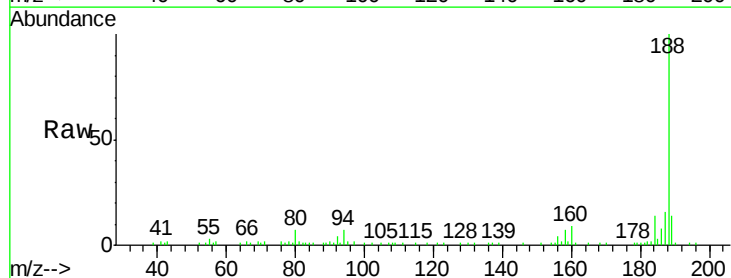
Tgt Ion:188 Resp: 50112

Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.6

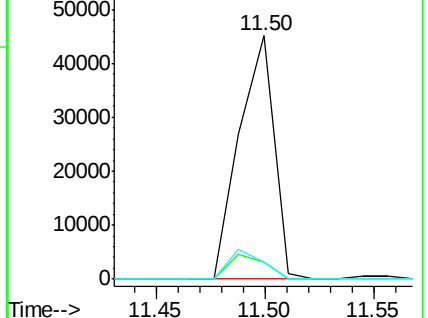
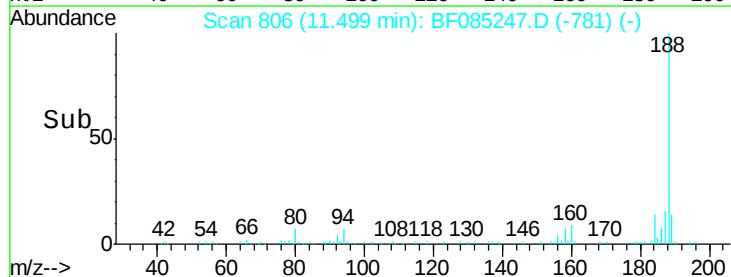
80 7.2 7.4 11.0#

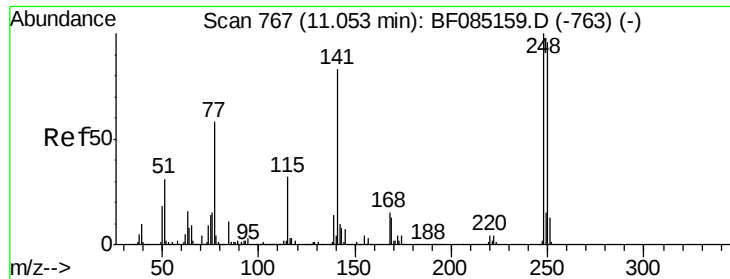


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

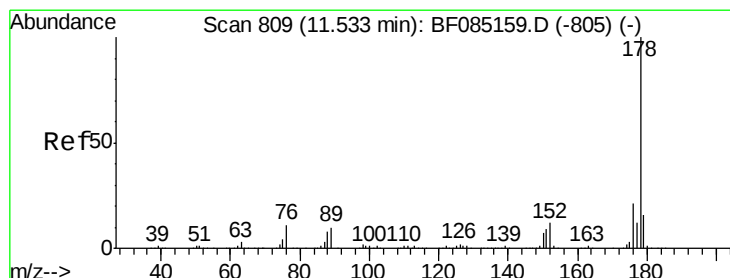
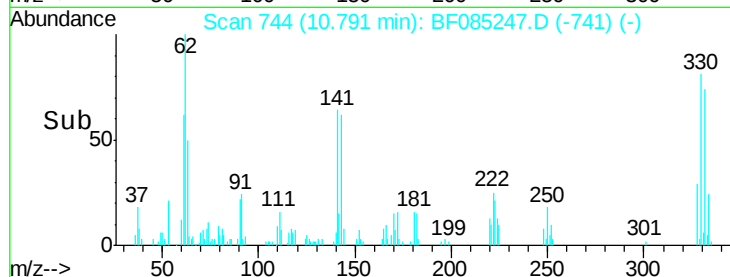
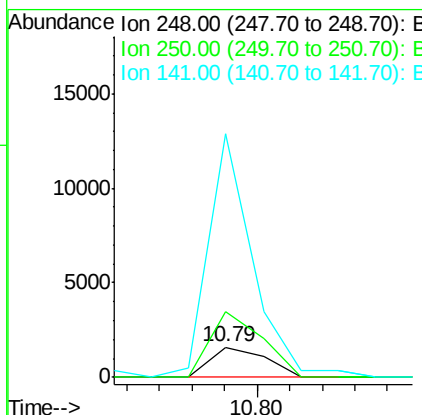
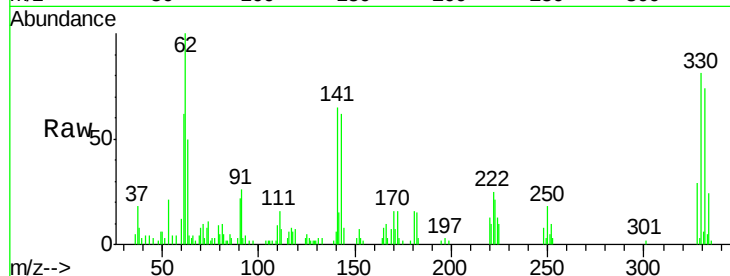




#66
4-Bromophenyl-phenylether
Concen: 3.80 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085247.D
Acq: 5 Mar 2016 11:52

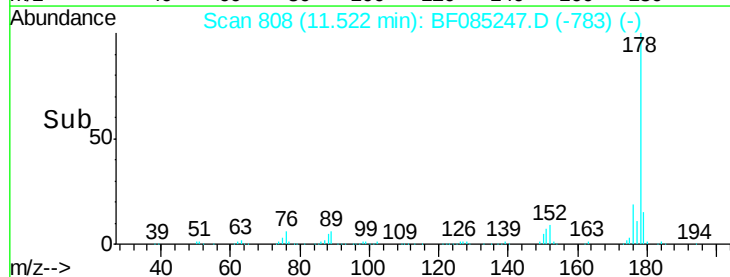
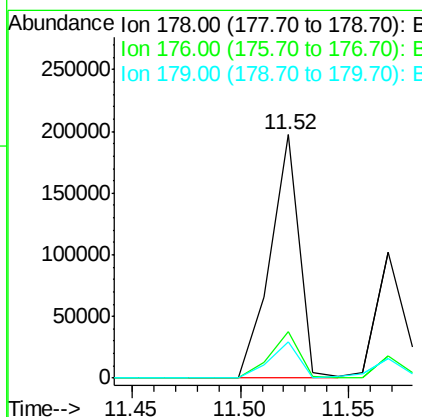
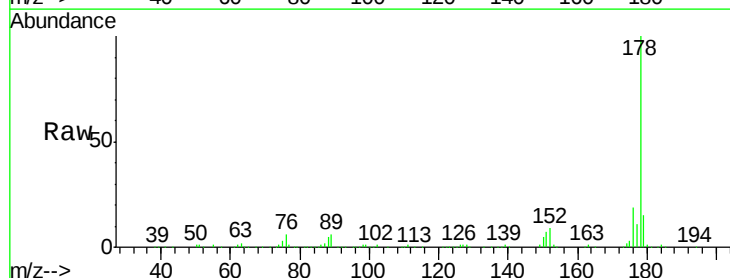
Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

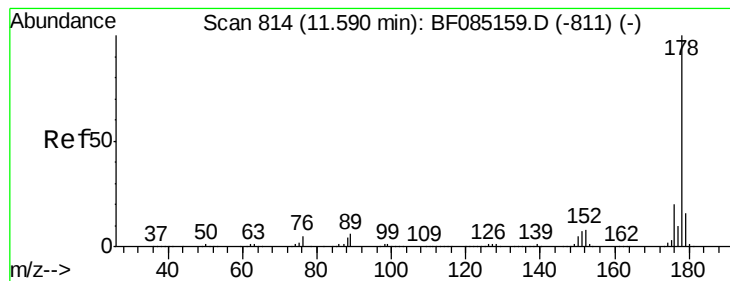
Tgt Ion:248 Resp: 1847
Ion Ratio Lower Upper
248 100
250 215.8 77.1 115.7#
141 802.5 66.2 99.2#



#70
Phenanthrene
Concen: 70.55 ng
RT: 11.52 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF085247.D
Acq: 5 Mar 2016 11:52

Tgt Ion:178 Resp: 185290
Ion Ratio Lower Upper
178 100
176 18.9 16.8 25.2
179 14.9 13.1 19.7





#71

Anthracene

Concen: 33.00 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

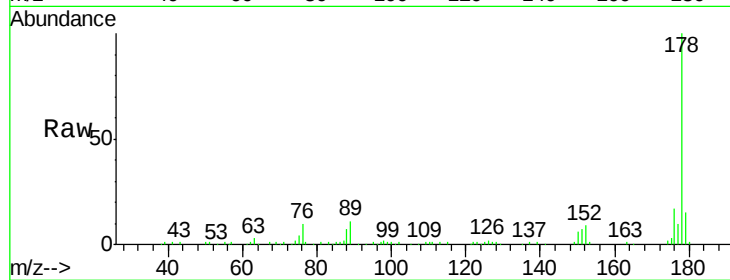
Tgt Ion:178 Resp: 91997

Ion Ratio Lower Upper

178 100

176 17.5 15.9 23.9

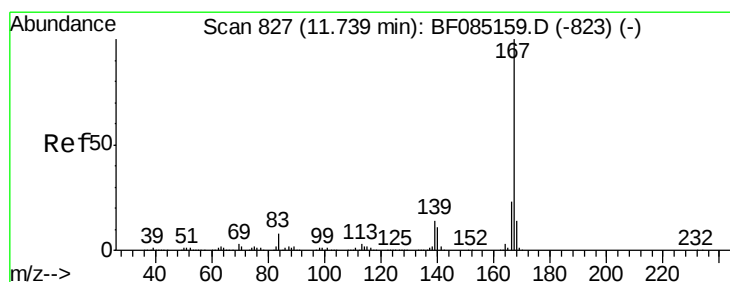
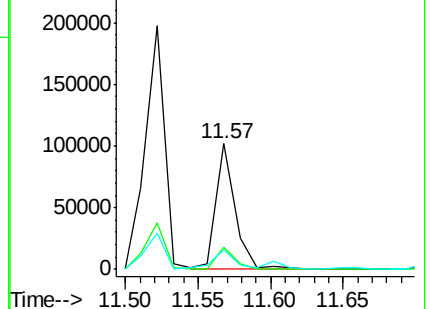
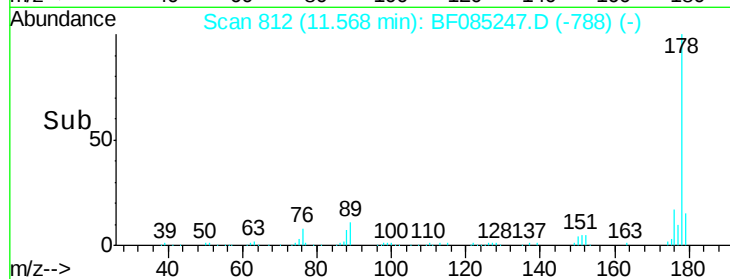
179 15.3 12.5 18.7



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: 10.92 ng

RT: 11.72 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

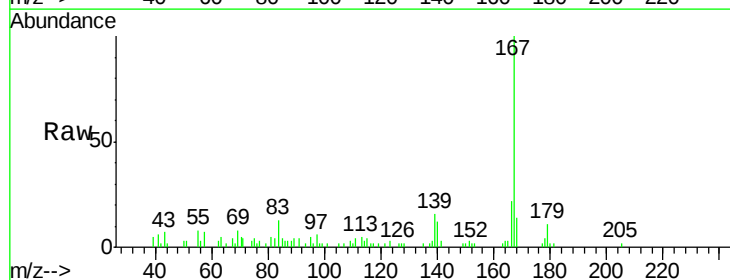
Tgt Ion:167 Resp: 26705

Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.2

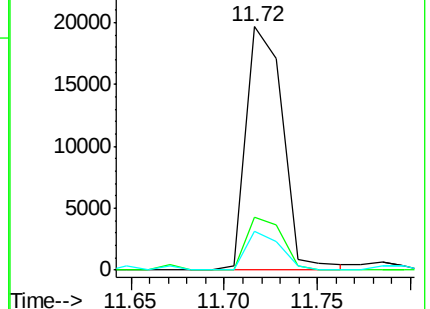
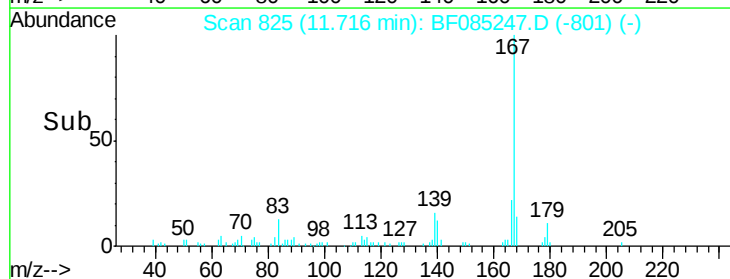
139 16.1 11.4 17.0

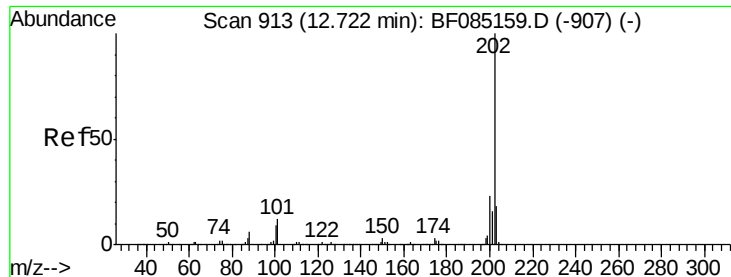


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 145.88 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

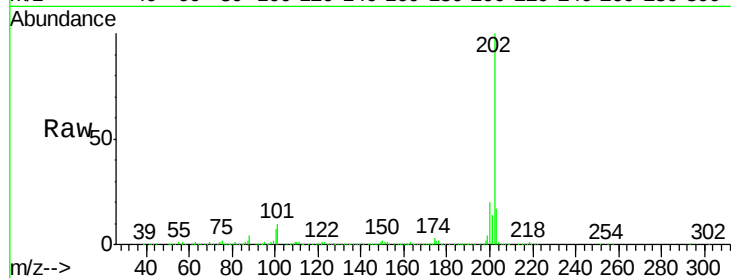
Tgt Ion:202 Resp: 384483

Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.8

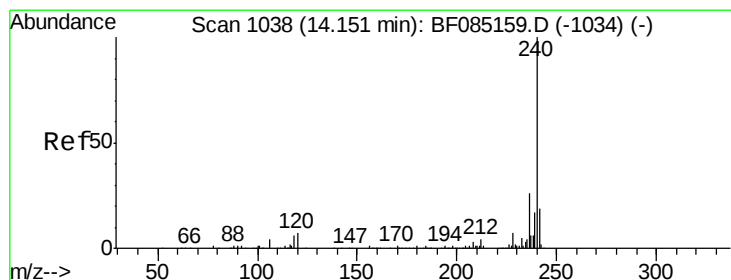
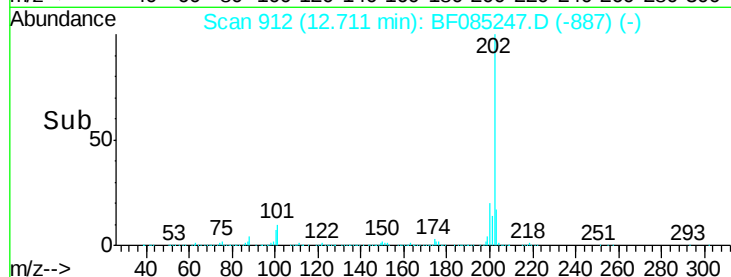
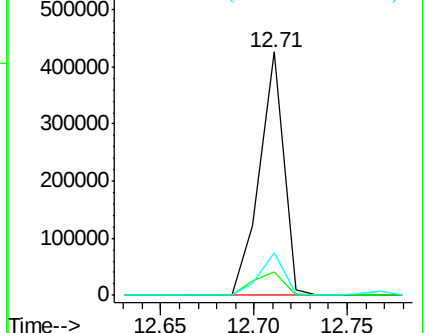
203 17.3 0.0 38.4



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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

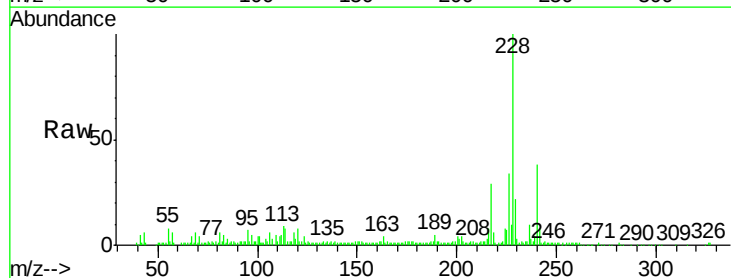
Tgt Ion:240 Resp: 37683

Ion Ratio Lower Upper

240 100

120 20.4 5.3 7.9#

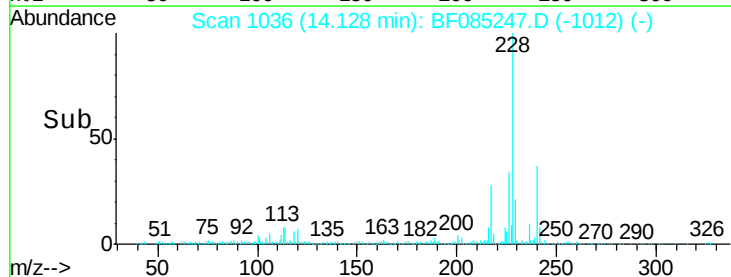
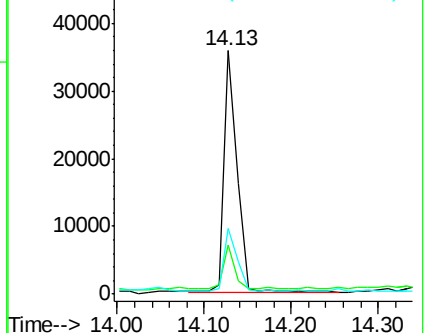
236 27.1 20.7 31.1

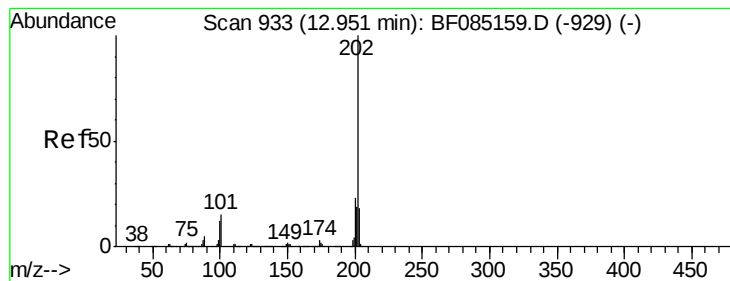


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 122.80 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

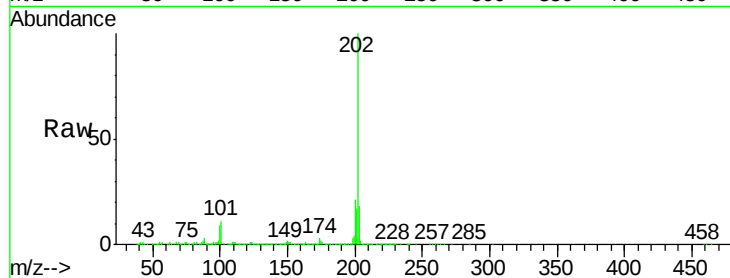
Tgt Ion:202 Resp: 348280

Ion Ratio Lower Upper

202 100

200 21.3 18.2 27.4

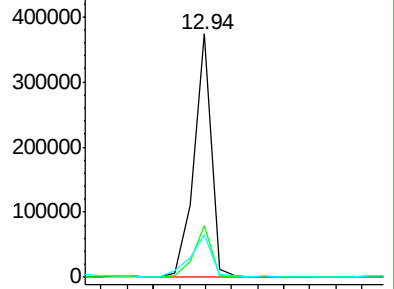
203 17.8 14.7 22.1



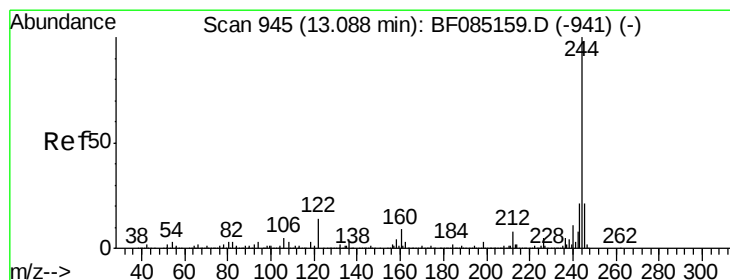
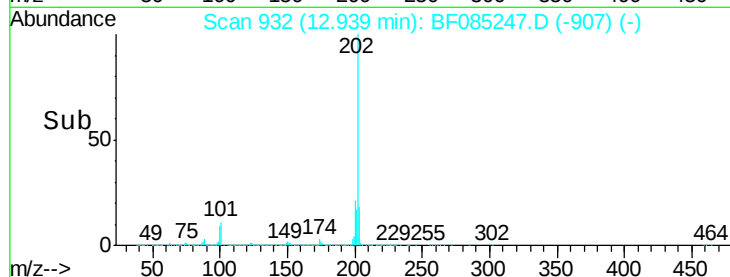
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 114.43 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

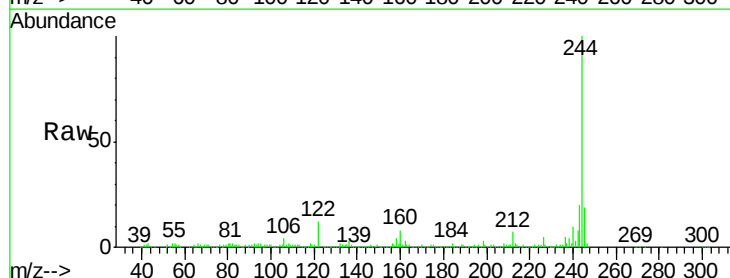
Tgt Ion:244 Resp: 185754

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

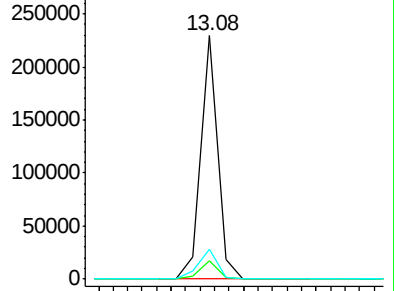
122 12.4 11.4 17.2



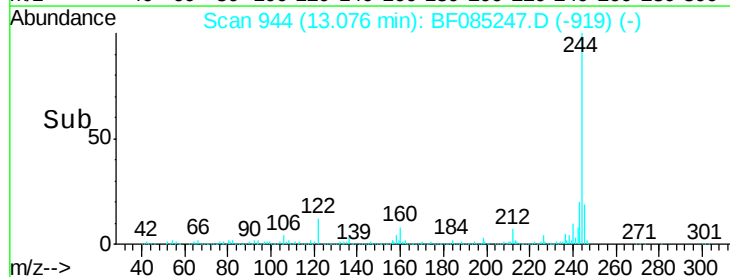
Abundance Ion 244.00 (243.70 to 244.70): E

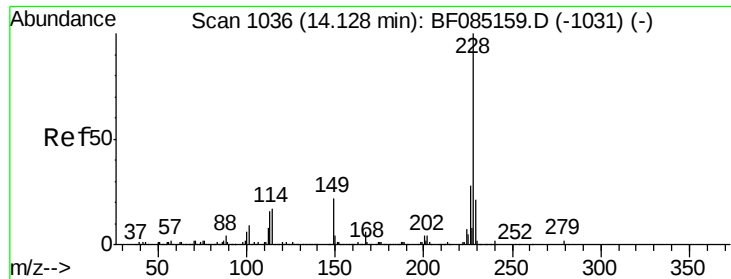
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

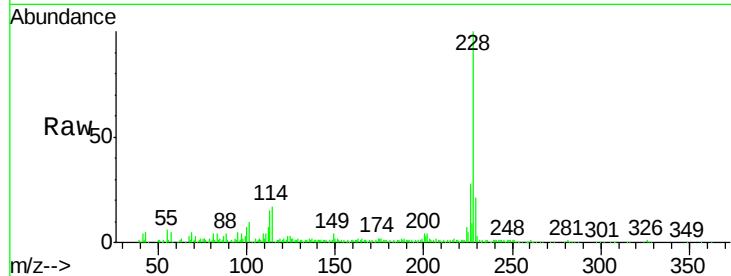




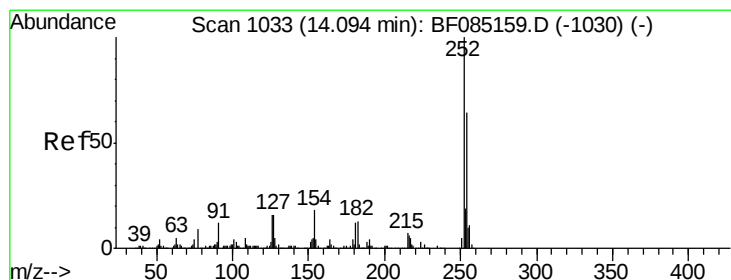
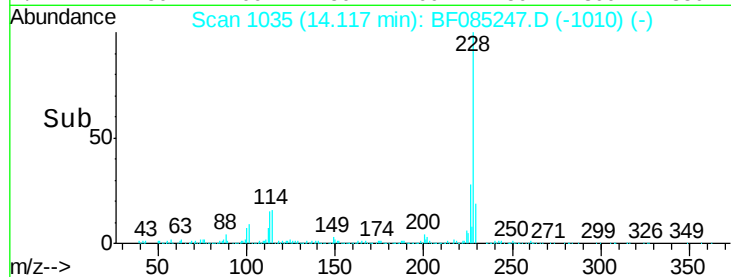
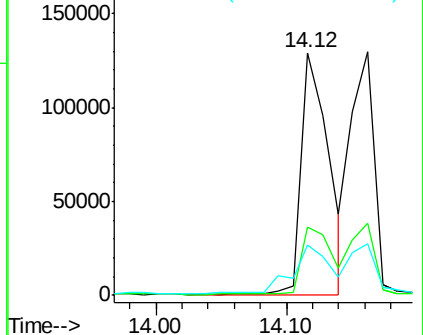
#80
Benzo(a)anthracene
Concen: 83.70 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF085247.D
Acq: 5 Mar 2016 11:52

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion:228 Resp: 188812
Ion Ratio Lower Upper
228 100
226 28.1 22.8 34.2
229 20.5 16.6 24.8

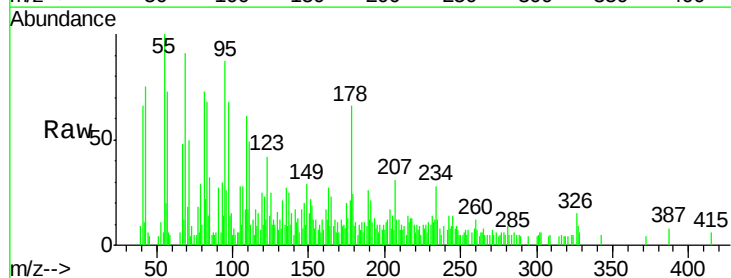


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

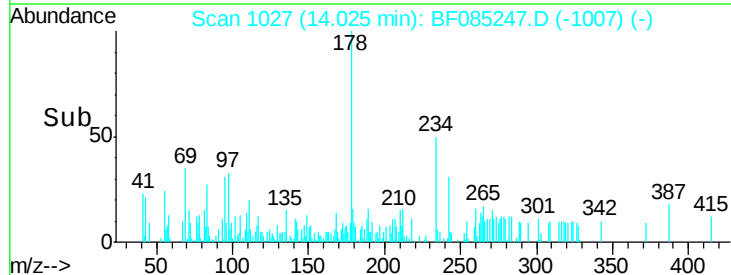
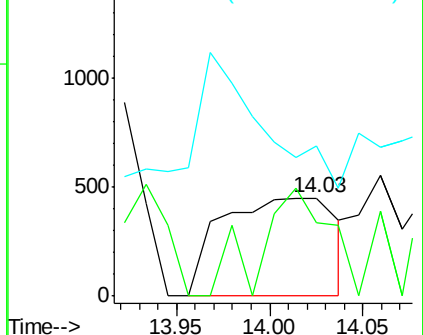


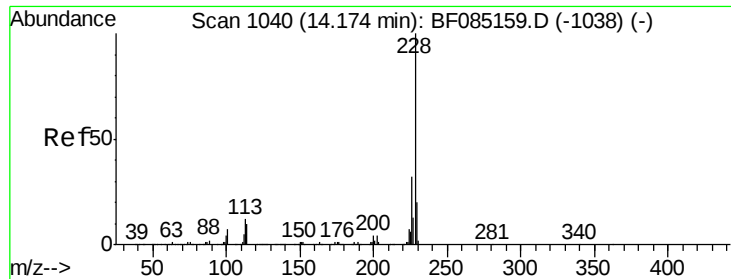
#81
3,3'-Dichlorobenzidine
Concen: 2.69 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.07 min
Lab File: BF085247.D
Acq: 5 Mar 2016 11:52

Tgt Ion:252 Resp: 1914
Ion Ratio Lower Upper
252 100
254 74.6 51.4 77.0
126 153.1 12.9 19.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 76.65 ng

RT: 14.16 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

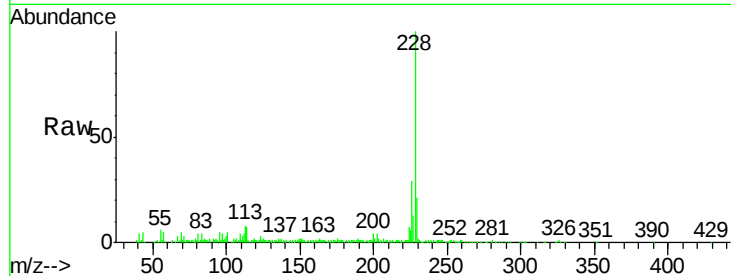
Tgt Ion:228 Resp: 159737

Ion Ratio Lower Upper

228 100

226 29.4 25.2 37.8

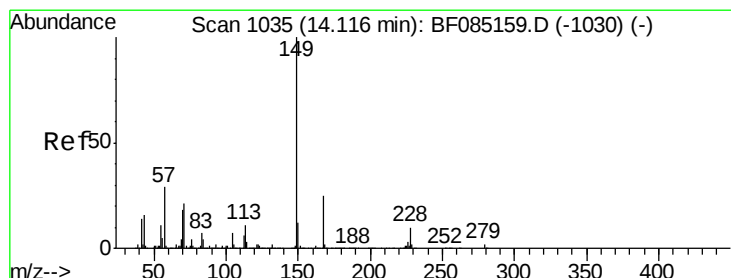
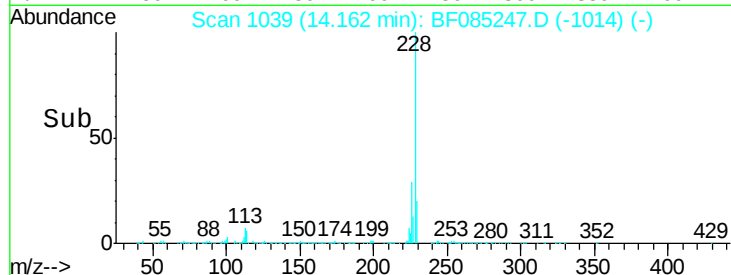
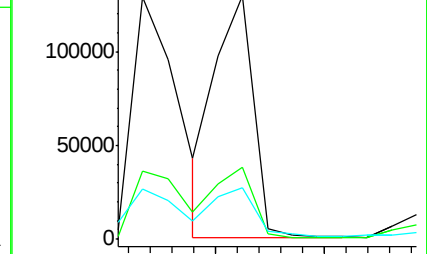
229 21.3 16.0 24.0



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: 4.20 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

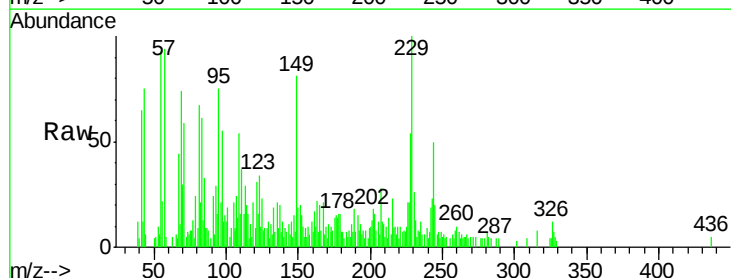
Tgt Ion:149 Resp: 7111

Ion Ratio Lower Upper

149 100

167 26.1 20.3 30.5

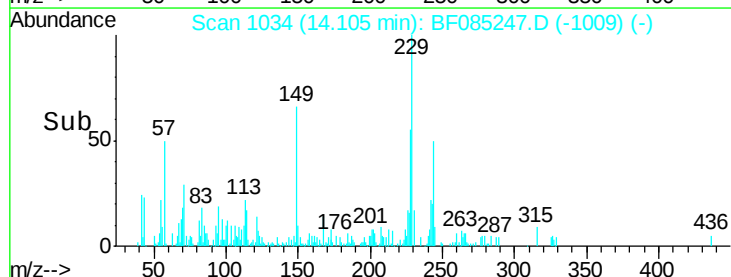
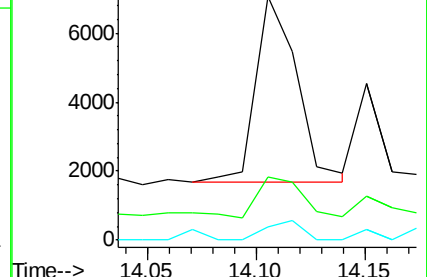
279 5.4 1.9 2.9#

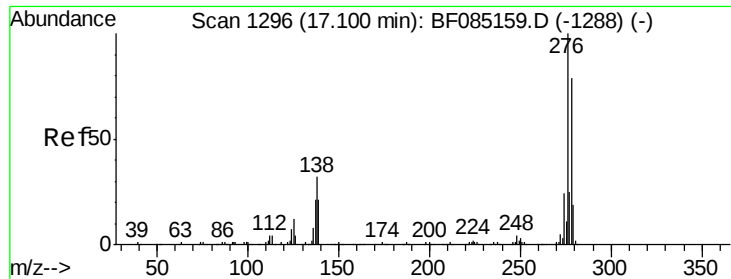


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

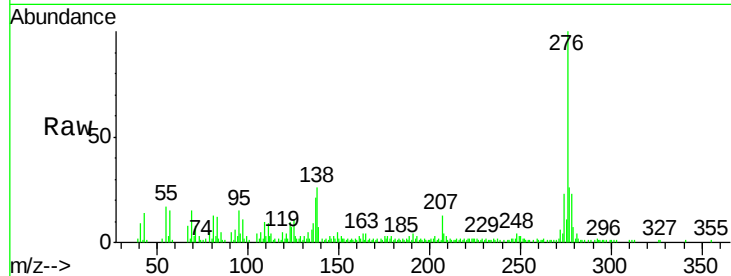




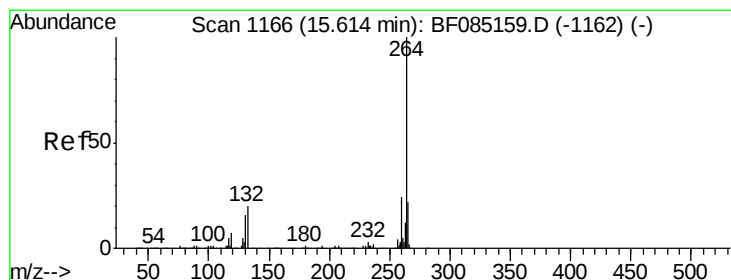
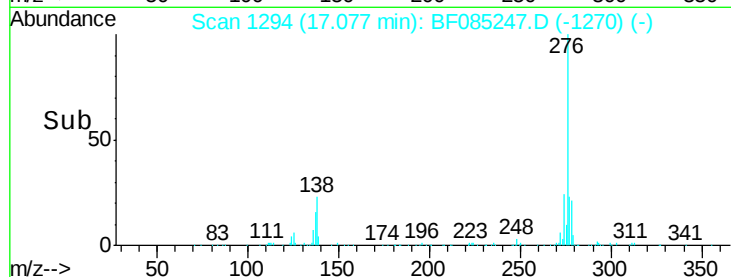
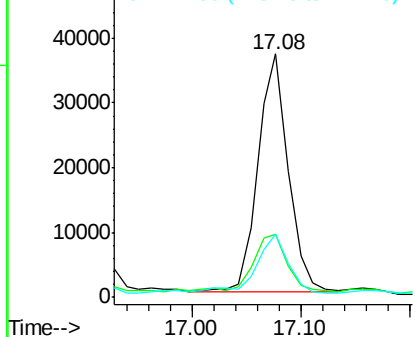
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.20 ng
 RT: 17.08 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF085247.D
 Acq: 5 Mar 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-003(0-2)

Tgt Ion:276 Resp: 71882
 Ion Ratio Lower Upper
 276 100
 138 28.1 26.4 39.6
 277 28.0 20.2 30.2

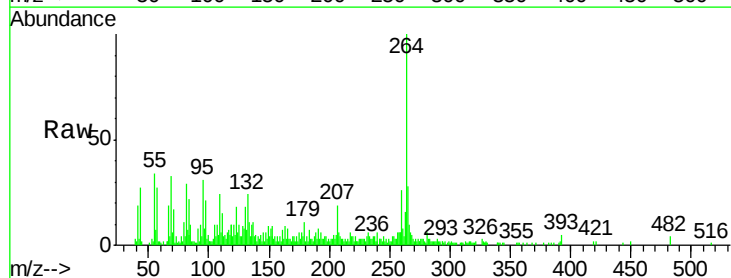


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

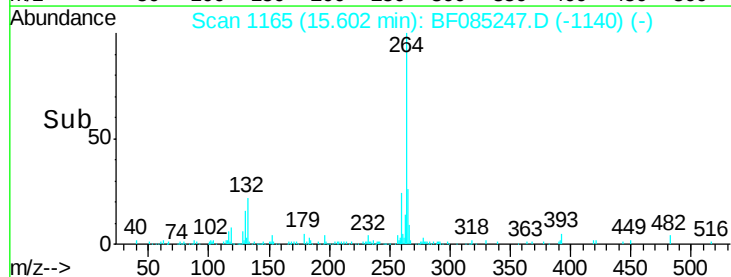
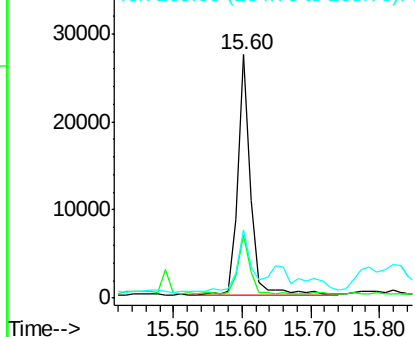


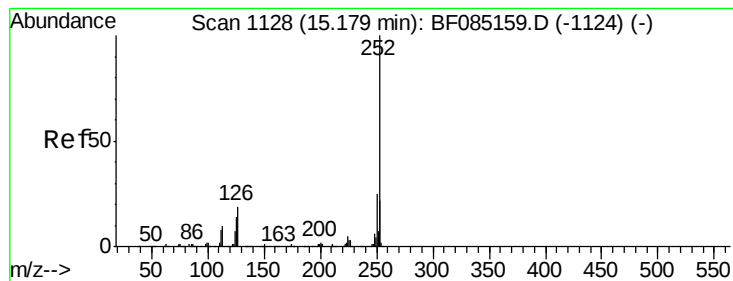
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085247.D
 Acq: 5 Mar 2016 11:52

Tgt Ion:264 Resp: 35757
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.2 28.8
 265 28.1 17.3 25.9#



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 119.13 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

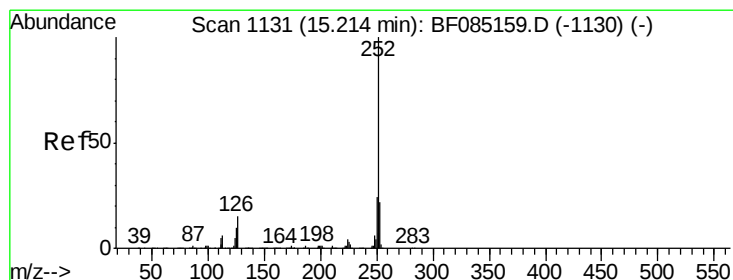
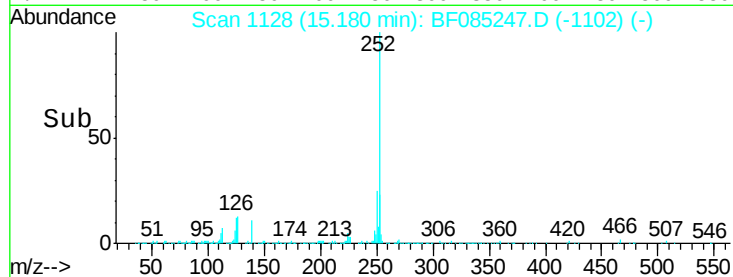
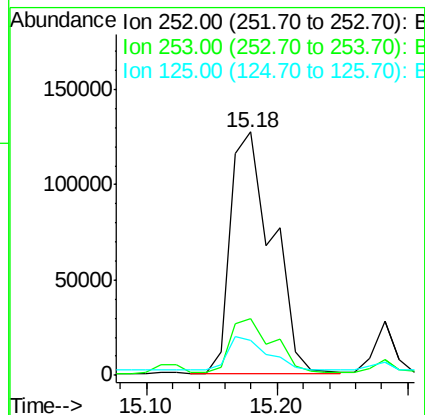
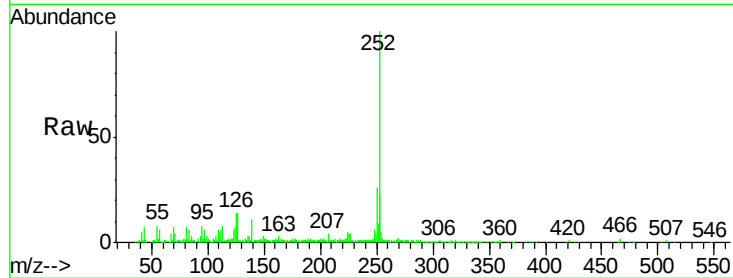
Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

Tgt Ion:	252	Resp:	283917
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	14.3	11.3	16.9



#88

Benzo(k)fluoranthene

Concen: 147.69 ng

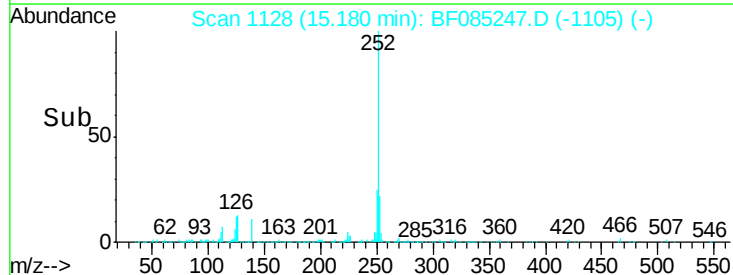
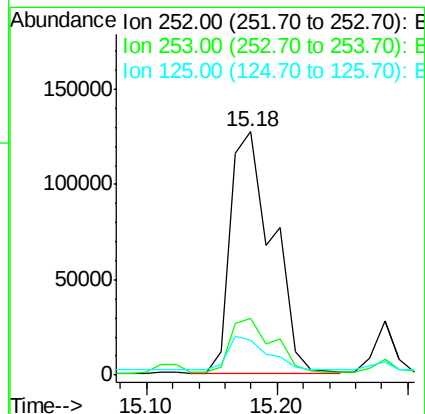
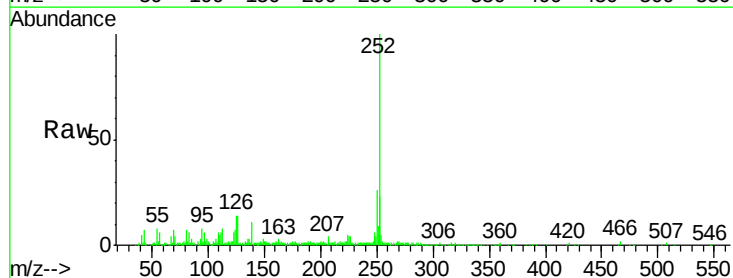
RT: 15.18 min Scan# 1128

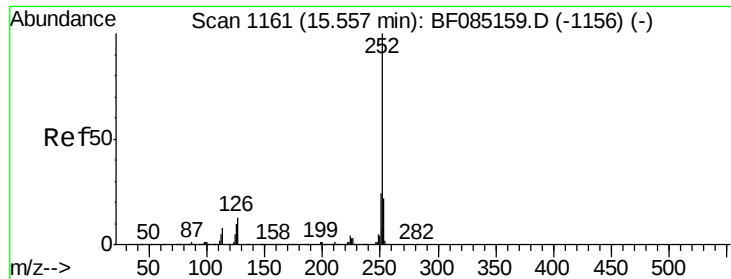
Delta R.T. -0.03 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Tgt Ion:	252	Resp:	283917
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	14.3	10.4	15.6





#89

Benzo(a)pyrene

Concen: 56.85 ng

RT: 15.55 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

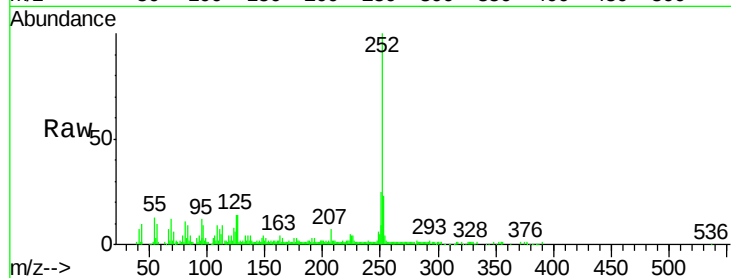
Tgt Ion:252 Resp: 112283

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 13.6 8.2 12.4#

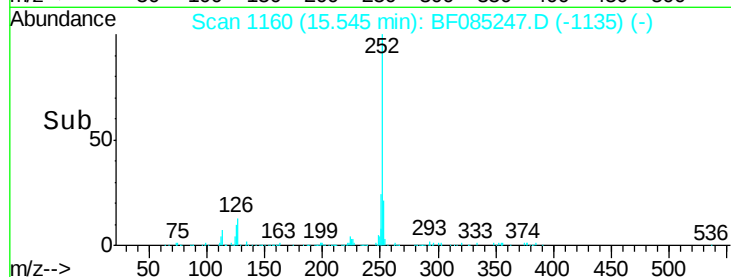


Abundance Ion 252.00 (251.70 to 252.70): E

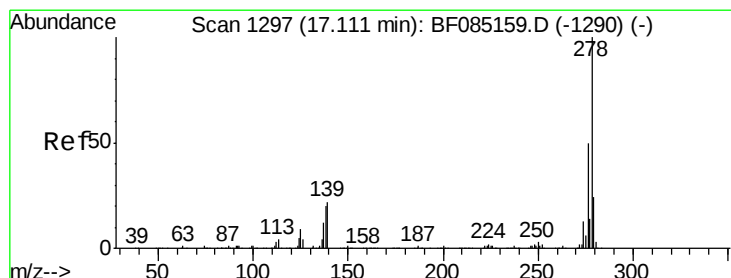
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 10.75 ng

RT: 17.09 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

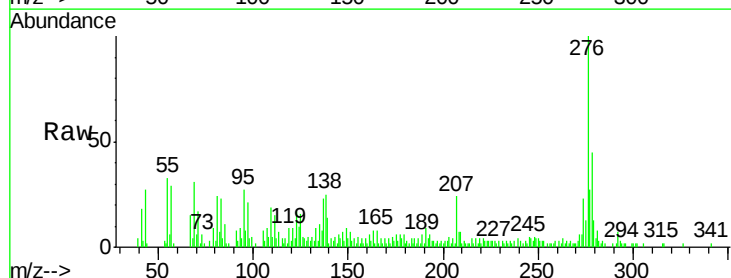
Tgt Ion:278 Resp: 18131

Ion Ratio Lower Upper

278 100

139 30.6 17.3 25.9#

279 29.6 19.2 28.8#

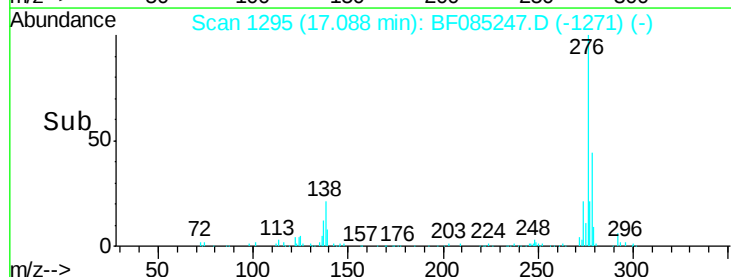


Abundance Ion 278.00 (277.70 to 278.70): E

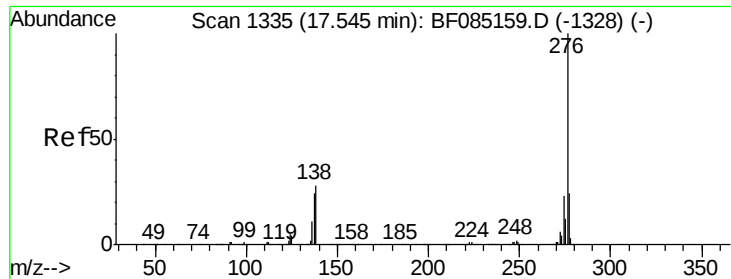
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#91

Benzo(g,h,i)perylene

Concen: 39.46 ng

RT: 17.52 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF085247.D

Acq: 5 Mar 2016 11:52

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

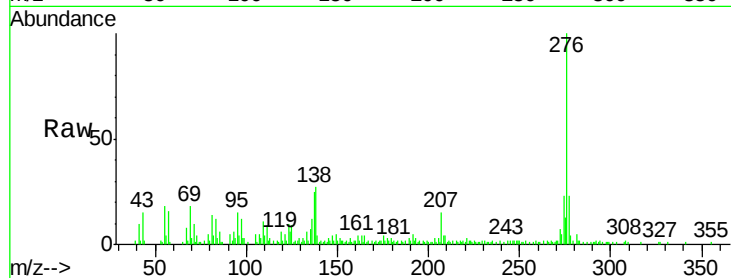
Tgt Ion: 276 Resp: 66890

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 26.8 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

