

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085607.D
 Acq On : 20 Mar 2016 9:26
 Operator : UM/SJ
 Sample : H1815-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

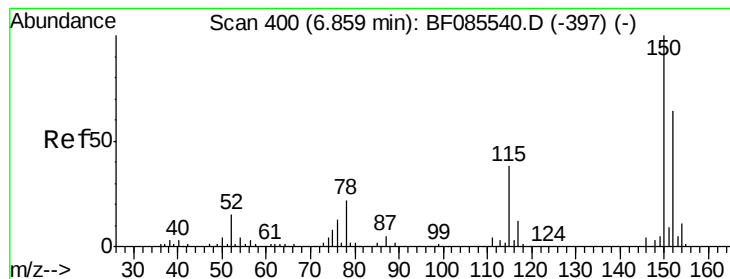
Quant Time: Mar 21 00:21:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121424	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	508495	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	219001	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	372264	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	207415	20.00	ng	0.01
86) Perylene-d12	15.45	264	263790	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	733534	101.47	ng	0.00
7) Phenol-d6	6.48	99	919486	99.17	ng	-0.01
23) Nitrobenzene-d5	7.42	82	685280	78.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	197177	91.91	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	877176	64.26	ng	-0.01
78) Terphenyl-d14	12.96	244	566430	65.72	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	90423	16.33	ng	# 77
31) Naphthalene	8.16	128	176538	6.88	ng	97
33) 4-Chloroaniline	8.16	127	22302	2.12	ng	# 37
37) 2-Methylnaphthalene	8.85	142	70653	4.52	ng	97
48) Acenaphthylene	9.75	152	85608	3.83	ng	97
49) Dimethylphthalate	9.60	163	147242	8.91	ng	# 98
51) Acenaphthene	9.92	154	298151	21.27	ng	100
54) Dibenzofuran	10.09	168	238582	13.98	ng	98
55) 4-Nitrophenol	10.09	139	99818	29.56	ng	# 11
57) Fluorene	10.44	166	250806	17.63	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	12535	3.37	ng	# 1
70) Phenanthrene	11.41	178	3285395	167.38	ng	98
71) Anthracene	11.45	178	794071	38.58	ng	100
72) Carbazole	11.60	167	250445	14.11	ng	99
74) Fluoranthene	12.61	202	3301653	160.64	ng	91
77) Pyrene	12.84	202	3033770	203.71	ng	96
80) Benzo(a)anthracene	14.01	228	1541391	128.01	ng	97
82) Chrysene	14.01	228	1541391	133.06	ng	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	748754	77.35	ng	94
87) Benzo(b)fluoranthene	15.05	252	2228644	129.48	ng	98
88) Benzo(k)fluoranthene	15.05	252	2228644	157.16	ng	# 97
89) Benzo(a)pyrene	15.34	252	892860	61.19	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	193227	15.88	ng	96
91) Benzo(g,h,i)perylene	17.28	276	678757	57.62	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085607.D

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SB-08-COMP

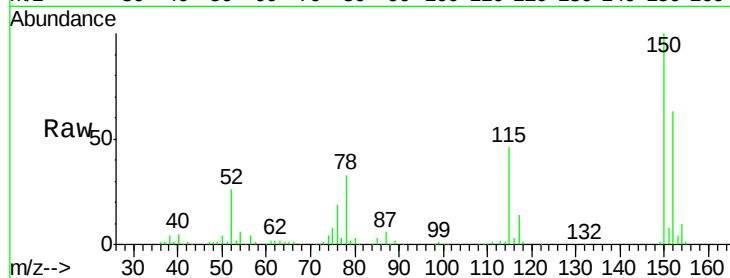
Tgt Ion:152 Resp: 121424

Ion Ratio Lower Upper

152 100

150 159.8 124.2 186.2

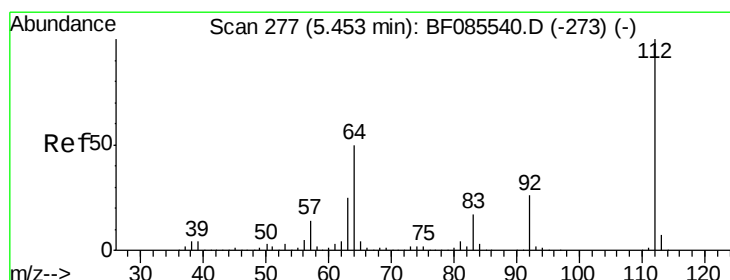
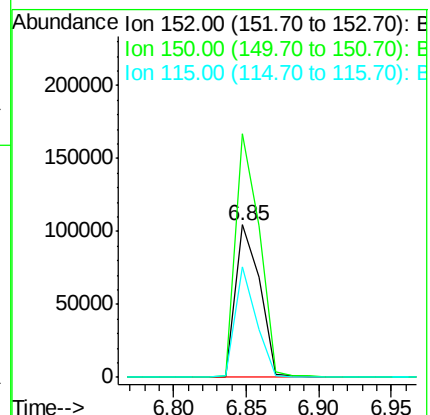
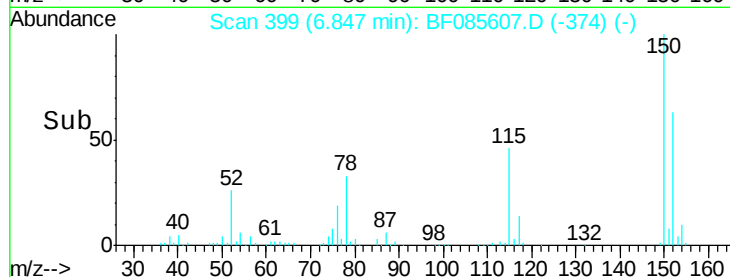
115 72.7 47.0 70.6#



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: 101.47 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

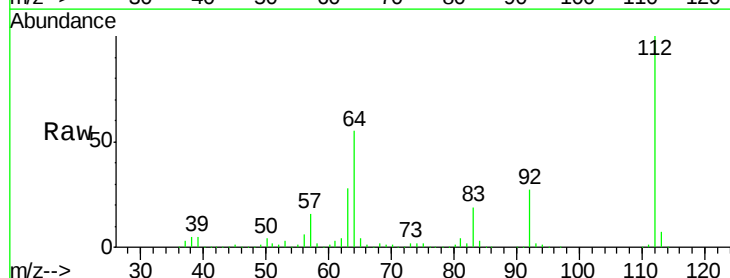
Tgt Ion:112 Resp: 733534

Ion Ratio Lower Upper

112 100

64 55.3 39.9 59.9

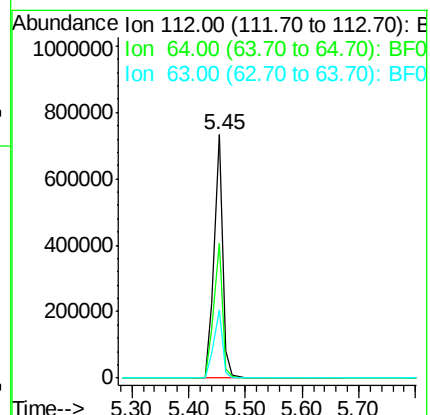
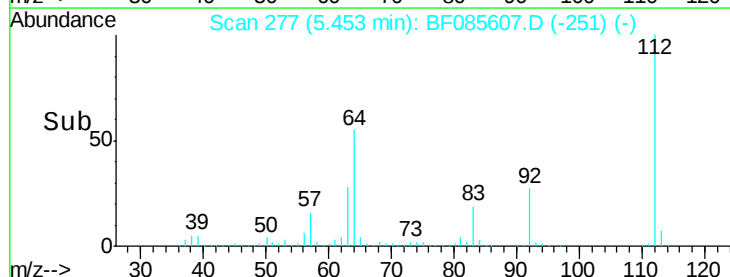
63 28.0 20.2 30.2



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: 99.17 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

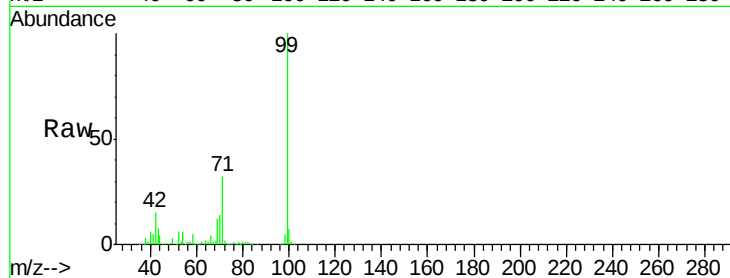
Tgt Ion: 99 Resp: 919486

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

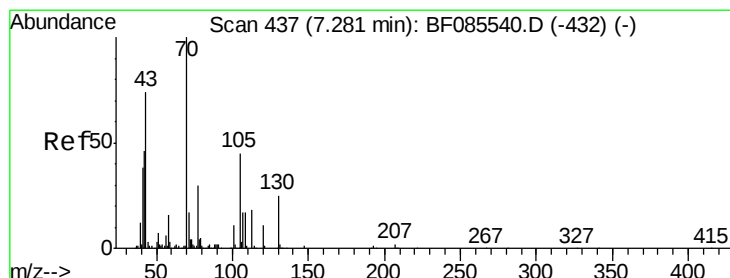
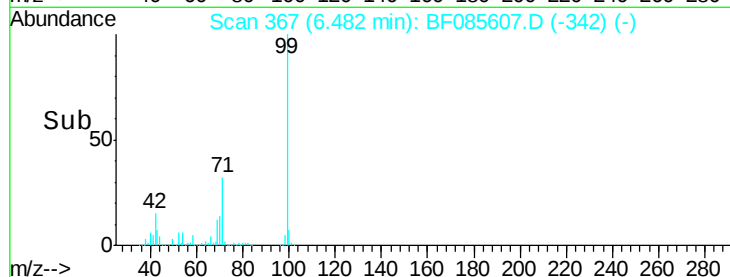
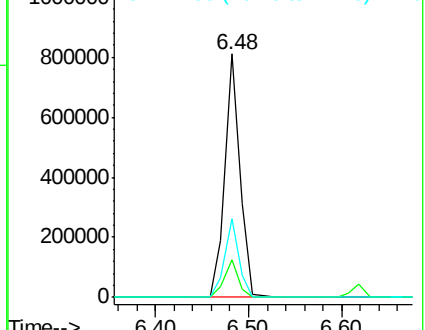
71 32.4 24.9 37.3



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: 16.33 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Tgt Ion: 70 Resp: 90423

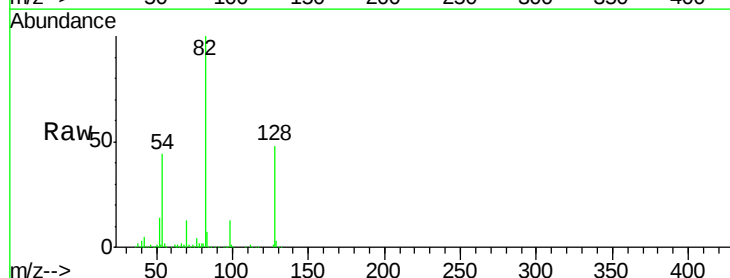
Ion Ratio Lower Upper

70 100

42 39.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#

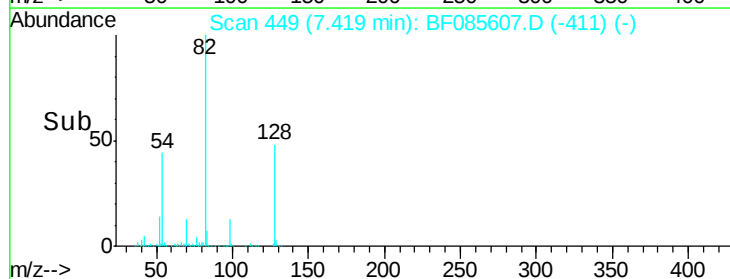
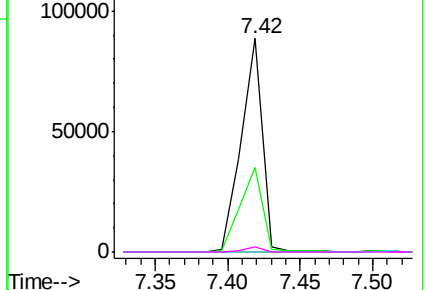


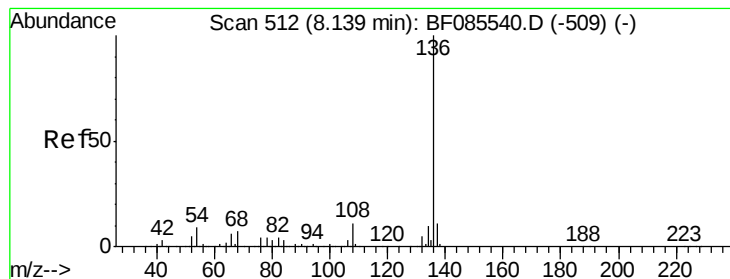
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

Tgt Ion:136 Resp: 508495

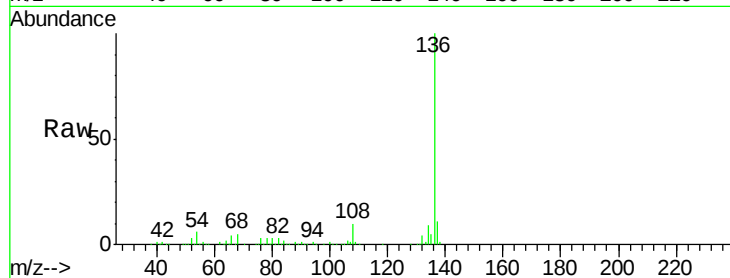
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.8 7.4 11.0#

68 4.9 5.8 8.8#

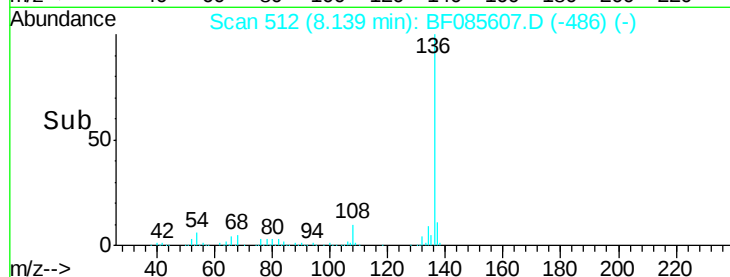


Abundance Ion 136.00 (135.70 to 136.70): E

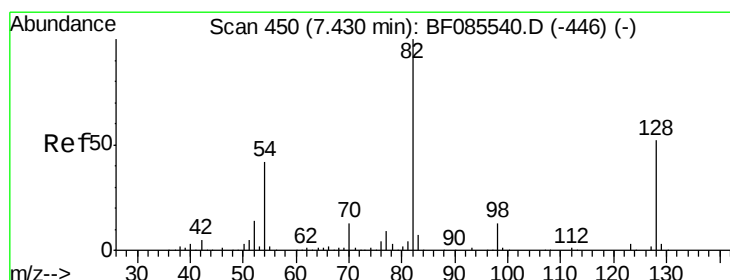
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30



#23

Nitrobenzene-d5

Concen: 78.23 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

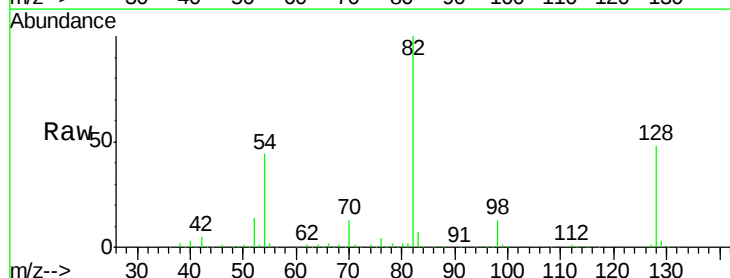
Tgt Ion: 82 Resp: 685280

Ion Ratio Lower Upper

82 100

128 48.0 41.8 62.8

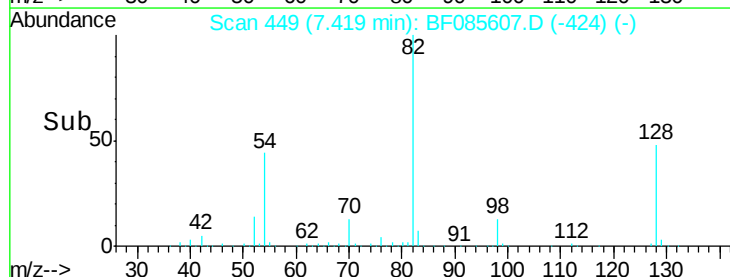
54 44.3 33.4 50.0



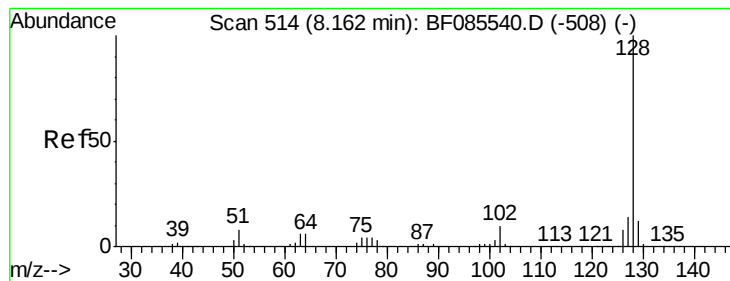
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.30 7.40 7.50 7.60 7.70



#31

Naphthalene

Concen: 6.88 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

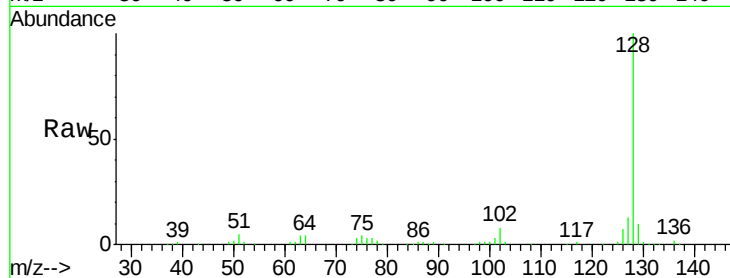
Tgt Ion:128 Resp: 176538

Ion Ratio Lower Upper

128 100

129 10.5 9.4 14.0

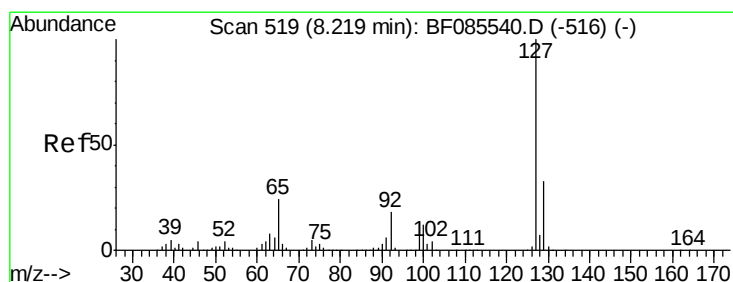
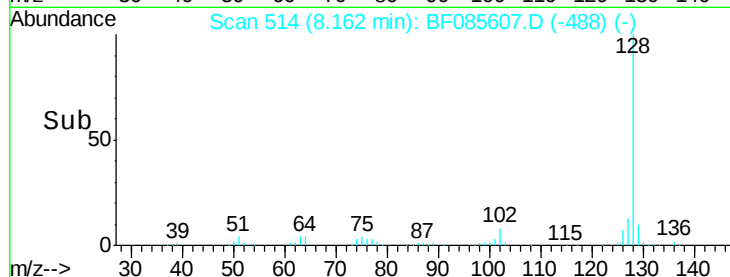
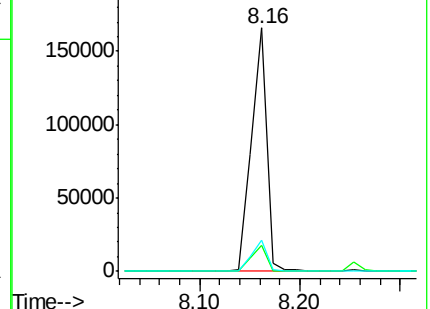
127 13.0 11.0 16.6



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



#33

4-Chloroaniline

Concen: 2.12 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.06 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Tgt Ion:127 Resp: 22302

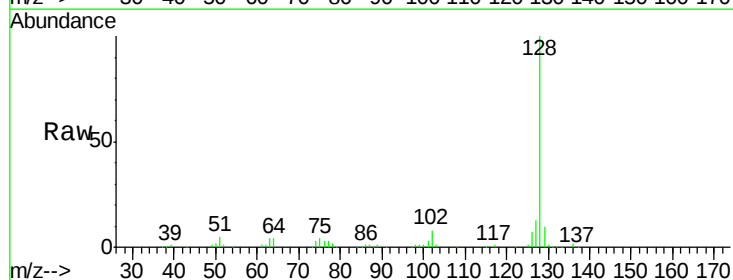
Ion Ratio Lower Upper

127 100

129 80.6 26.1 39.1#

65 0.0 19.5 29.3#

92 0.0 14.6 22.0#

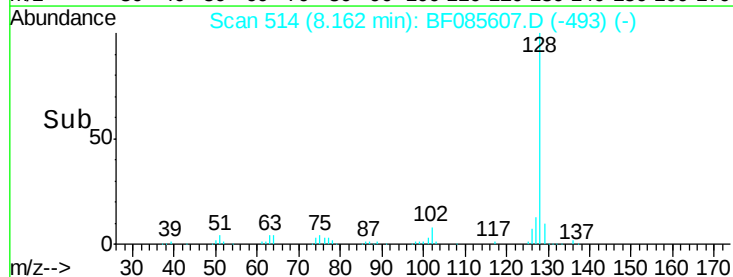
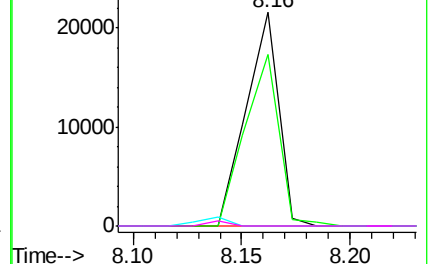


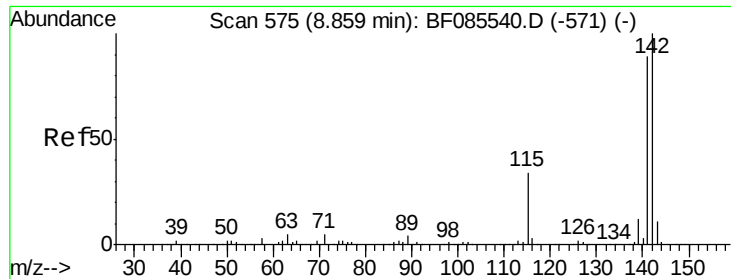
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

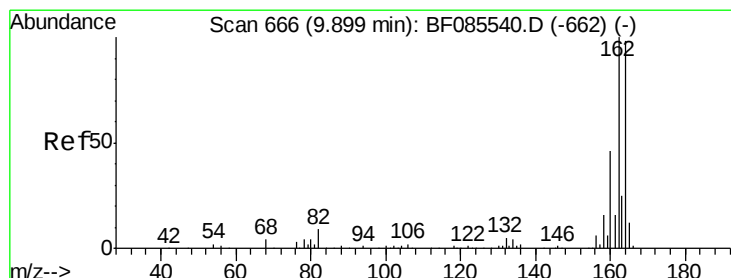
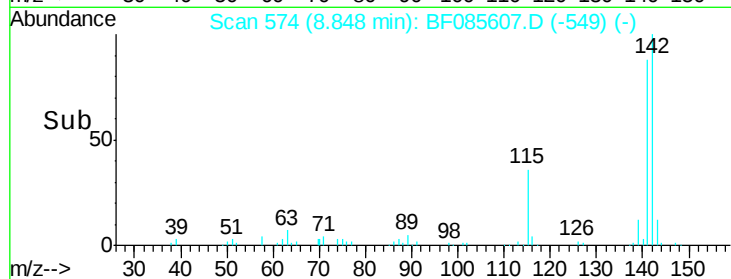
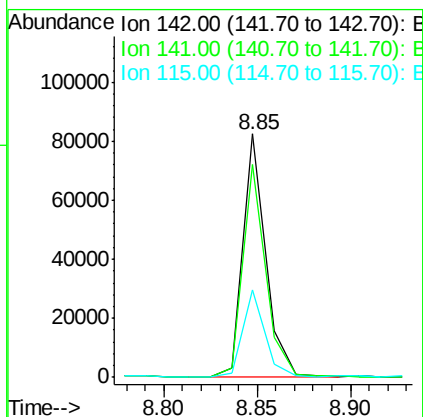
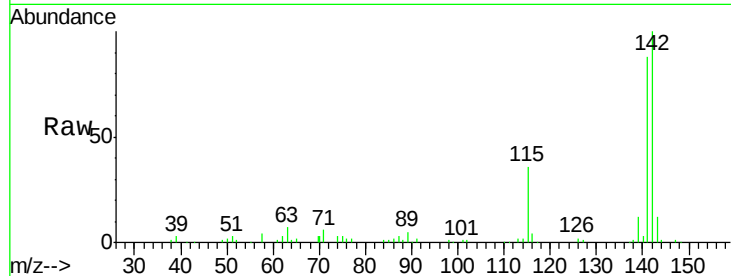




#37
 2-Methylnaphthalene
 Concen: 4.52 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085607.D
 Acq: 20 Mar 2016 9:26

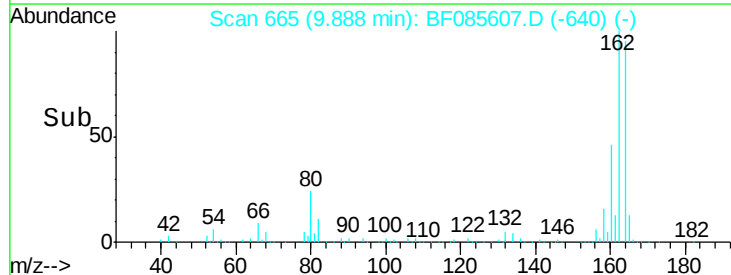
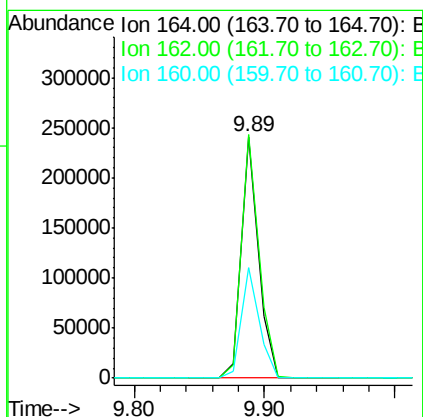
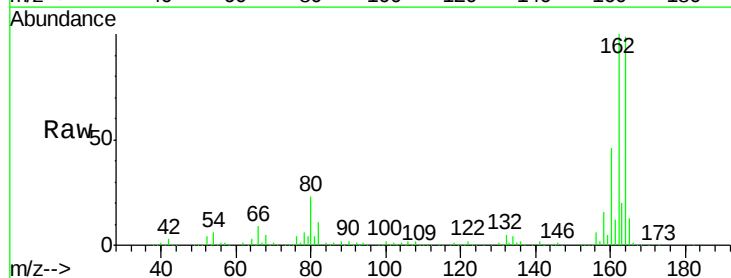
Instrument :
 BNA_F
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 SB-08-COMP

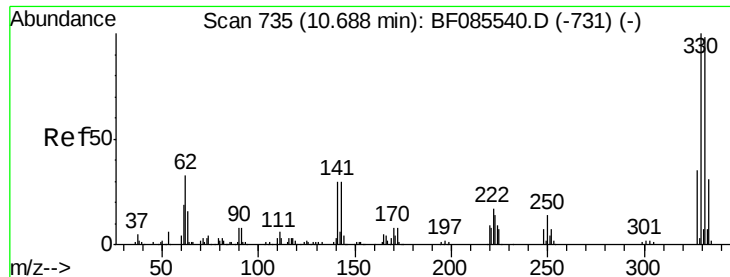
Tgt Ion:142 Resp: 70653
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.6 107.4
 115 36.0 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085607.D
 Acq: 20 Mar 2016 9:26

Tgt Ion:164 Resp: 219001
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.1 123.1
 160 46.0 37.4 56.2

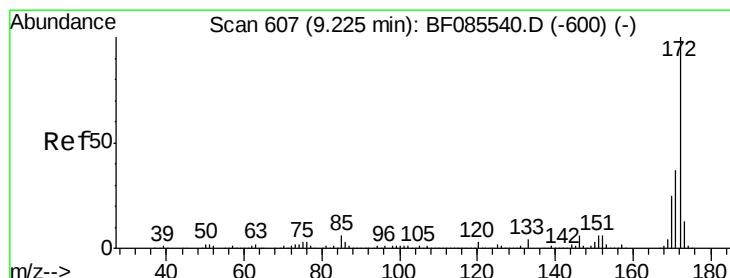
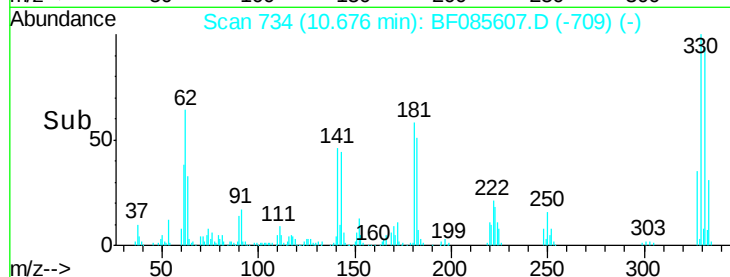
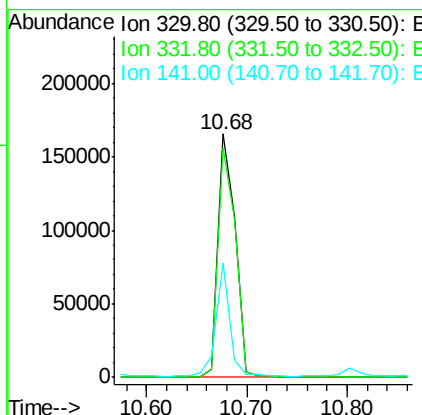
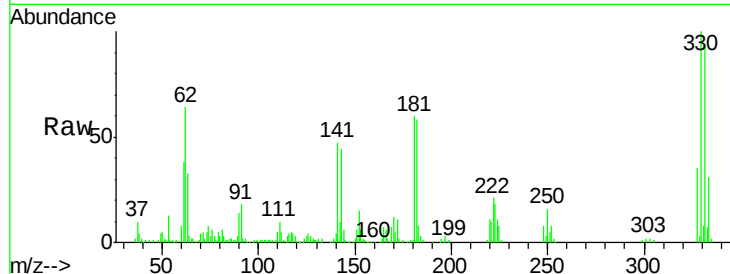




#41
 2,4,6-Tribromophenol
 Concen: 91.91 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085607.D
 Acq: 20 Mar 2016 9:26

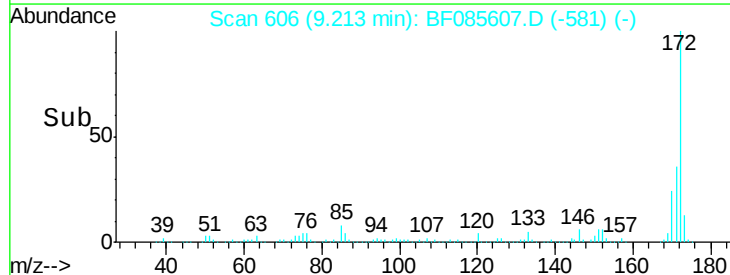
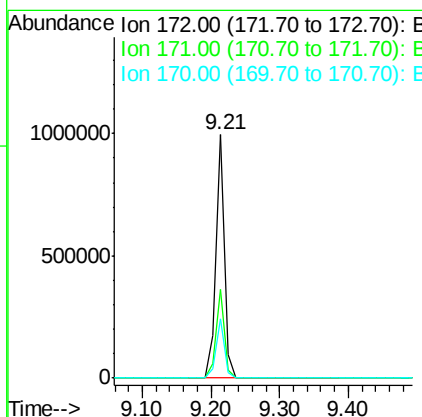
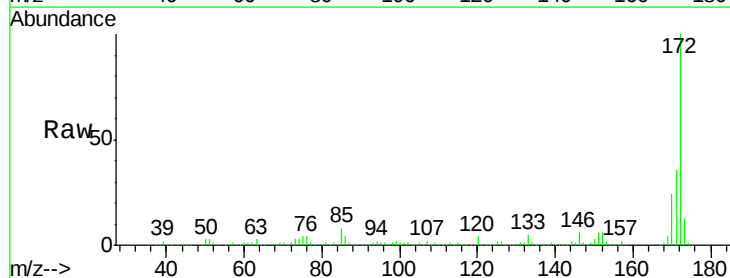
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

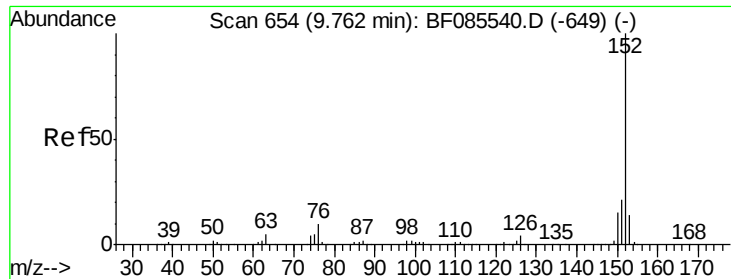
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.2	117.2
141	37.6	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 64.26 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085607.D
 Acq: 20 Mar 2016 9:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.5	19.8	29.6





#48

Acenaphthylene

Concen: 3.83 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

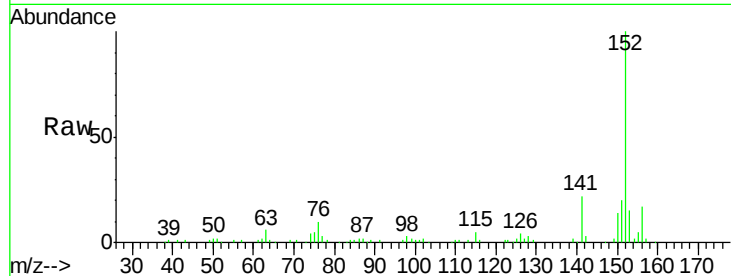
Tgt Ion:152 Resp: 85608

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

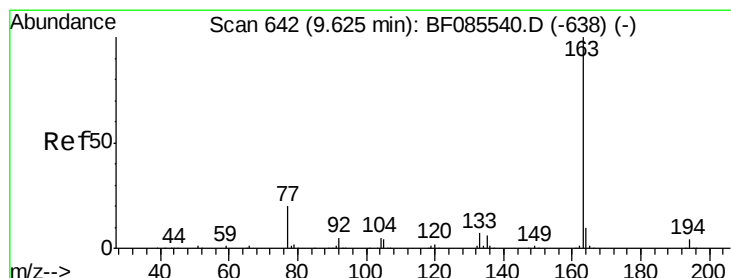
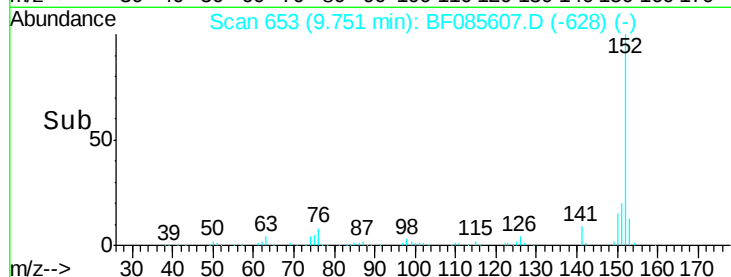
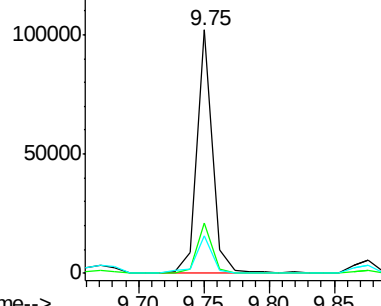
153 15.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 8.91 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

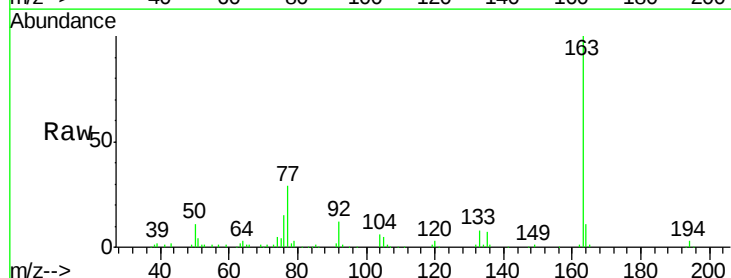
Tgt Ion:163 Resp: 147242

Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3#

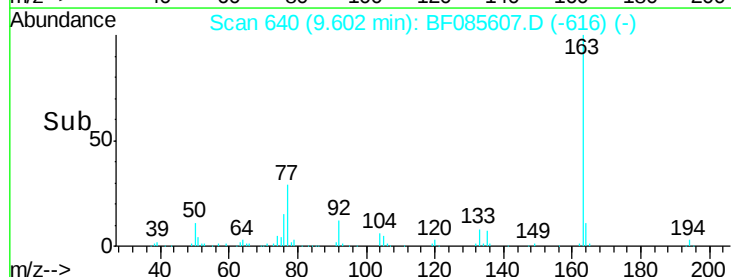
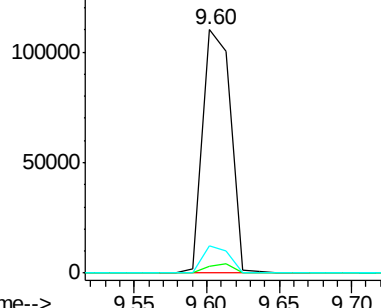
164 11.0 8.3 12.5

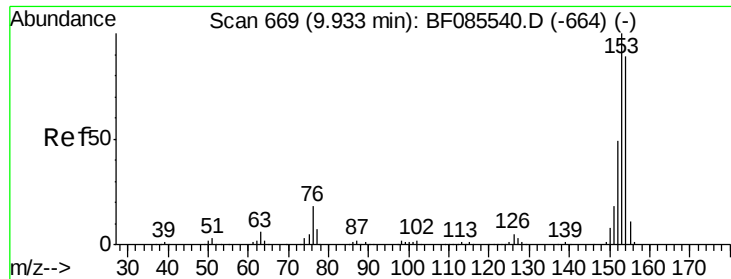


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 21.27 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

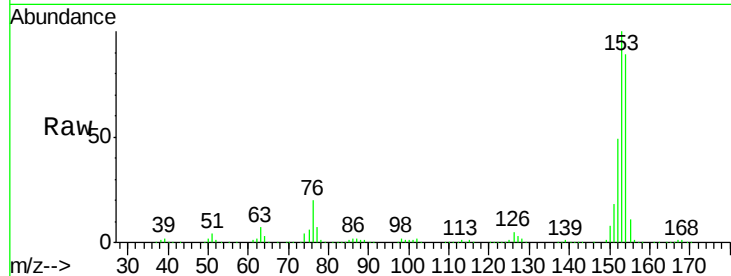
Tgt Ion:154 Resp: 298151

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

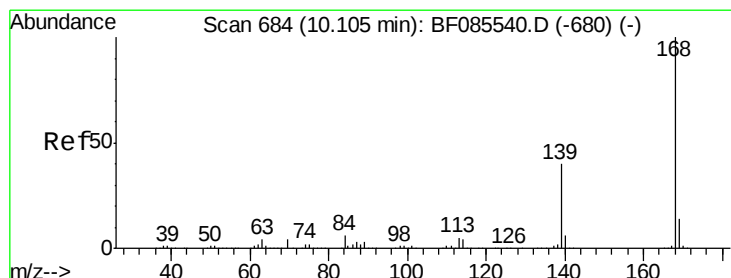
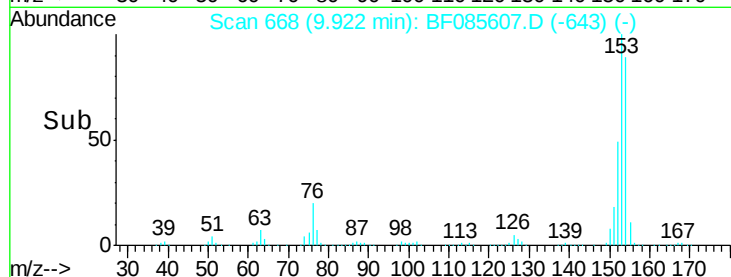
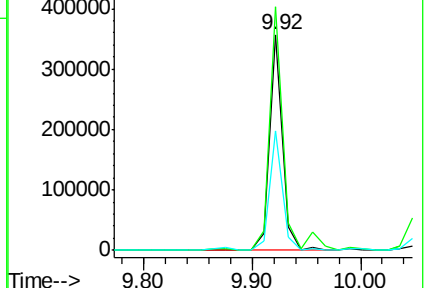
152 55.2 44.2 66.2



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

Dibenzofuran

Concen: 13.98 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

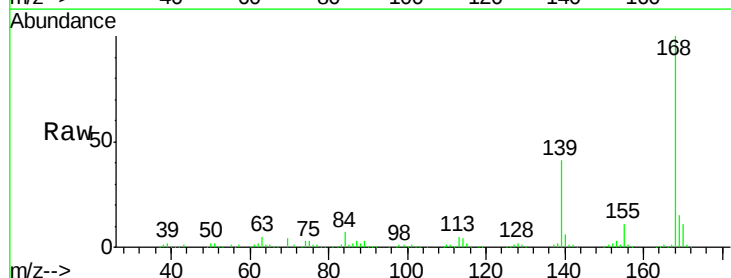
Tgt Ion:168 Resp: 238582

Ion Ratio Lower Upper

168 100

139 41.2 31.9 47.9

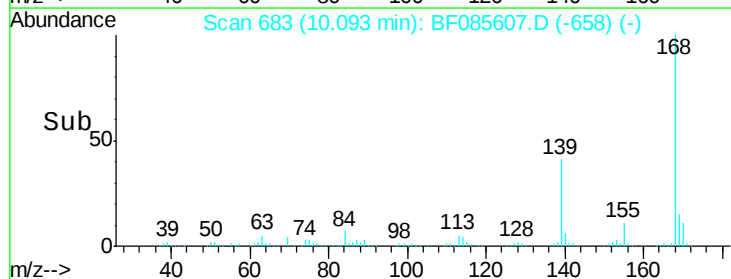
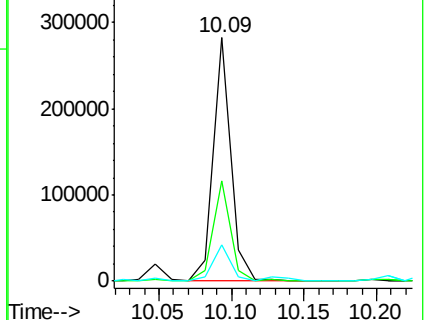
169 15.1 11.0 16.6

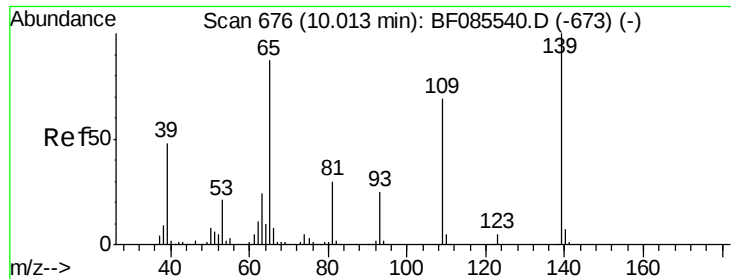


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 29.56 ng

RT: 10.09 min Scan# 683

Delta R.T. 0.08 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

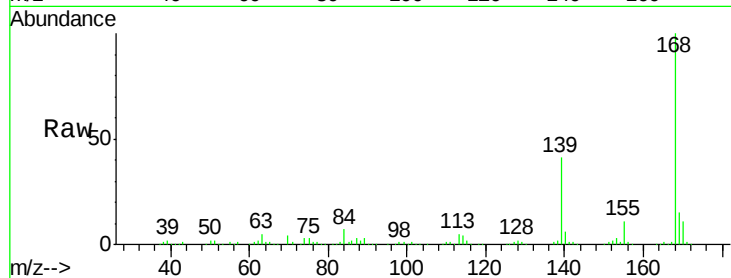
Tgt Ion:139 Resp: 99818

Ion Ratio Lower Upper

139 100

109 0.9 49.2 89.2#

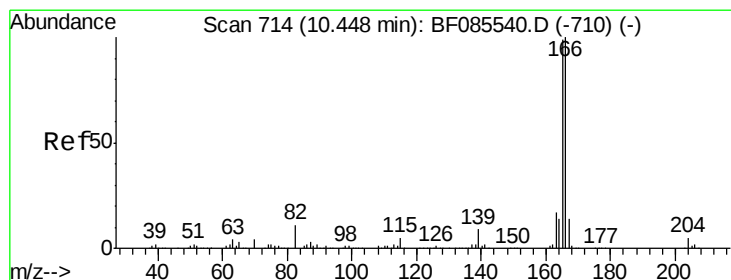
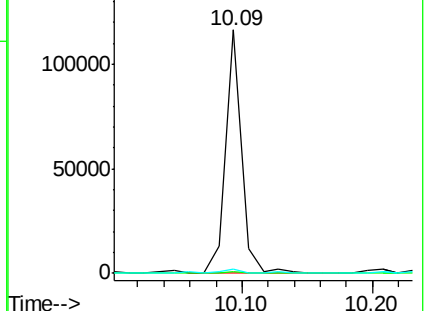
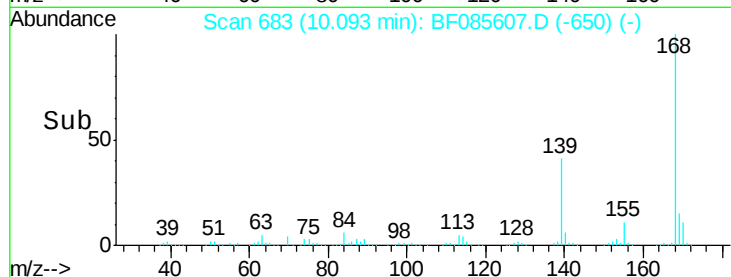
65 1.7 66.9 106.9#



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: 17.63 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

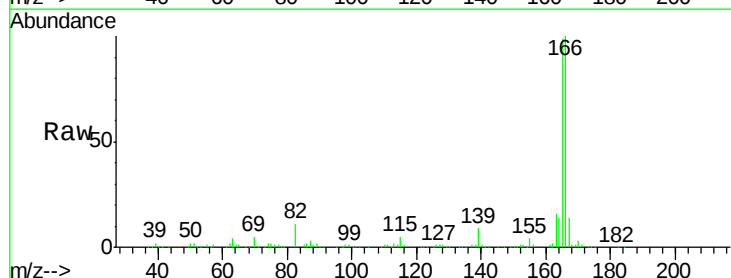
Tgt Ion:166 Resp: 250806

Ion Ratio Lower Upper

166 100

165 99.0 79.4 119.0

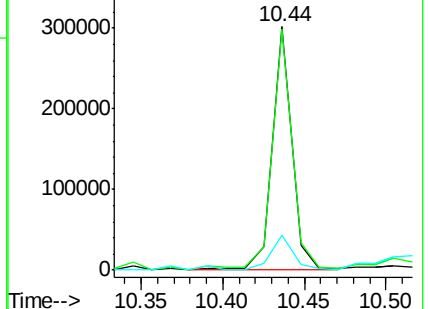
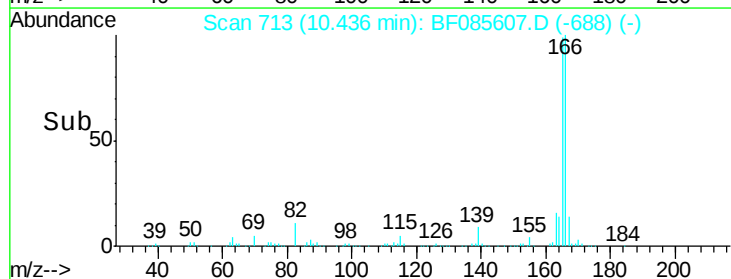
167 14.3 11.0 16.4

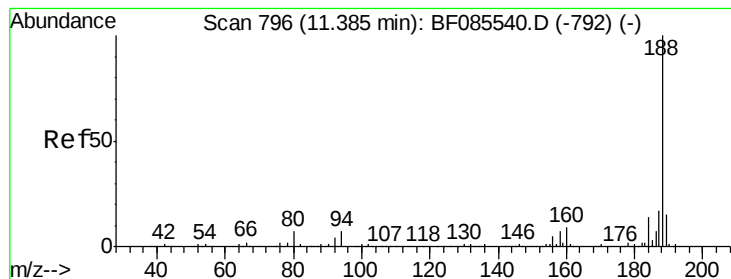


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

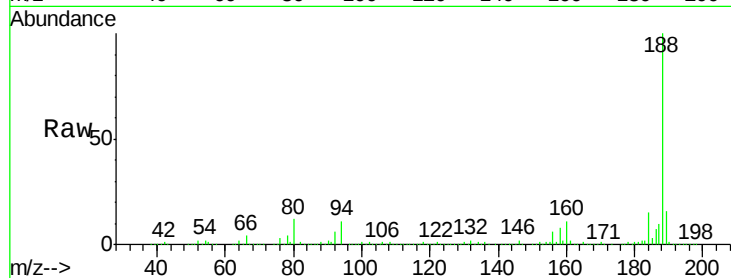
Tgt Ion:188 Resp: 372264

Ion Ratio Lower Upper

188 100

94 11.3 5.4 8.0#

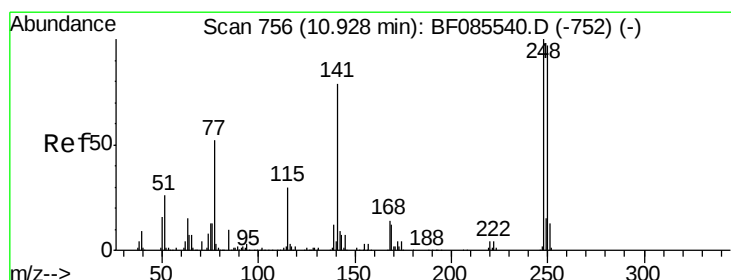
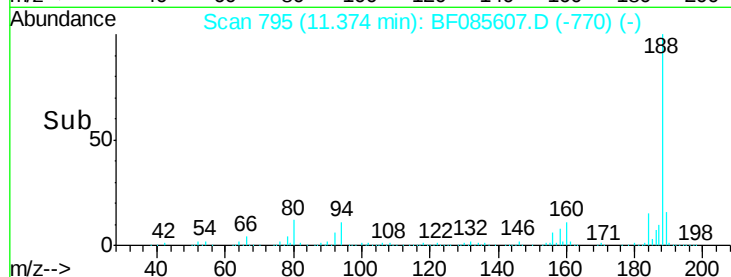
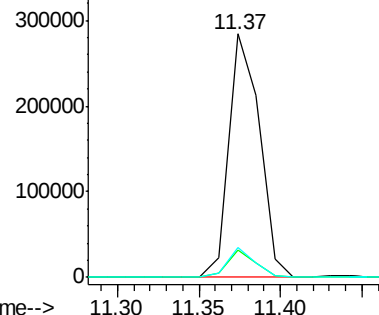
80 12.1 5.5 8.3#



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: 3.37 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.25 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

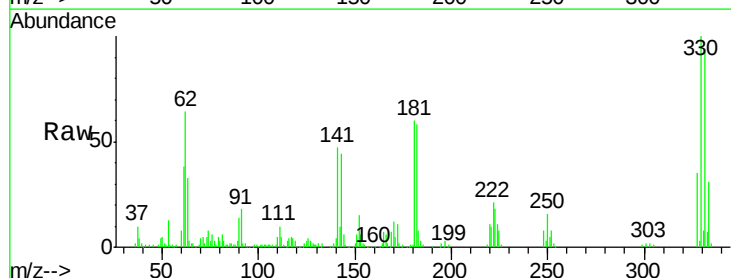
Tgt Ion:248 Resp: 12535

Ion Ratio Lower Upper

248 100

250 204.4 77.4 116.0#

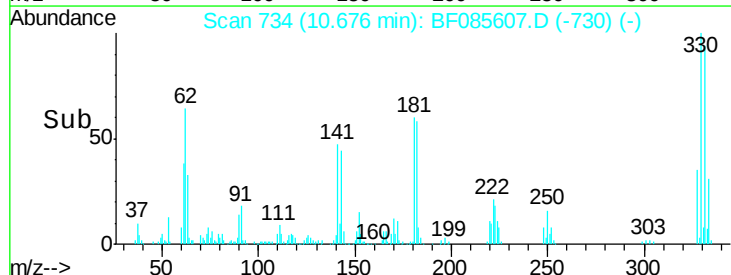
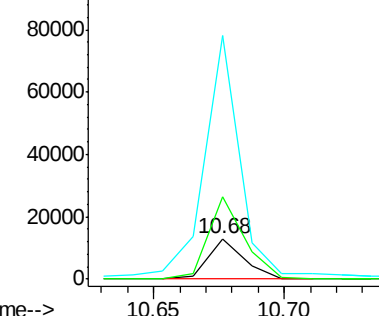
141 600.8 63.6 95.4#

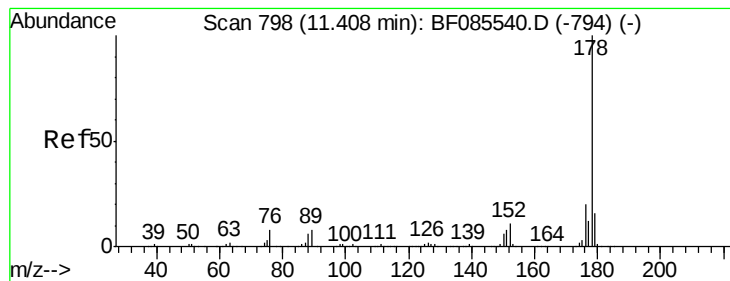


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 167.38 ng

RT: 11.41 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

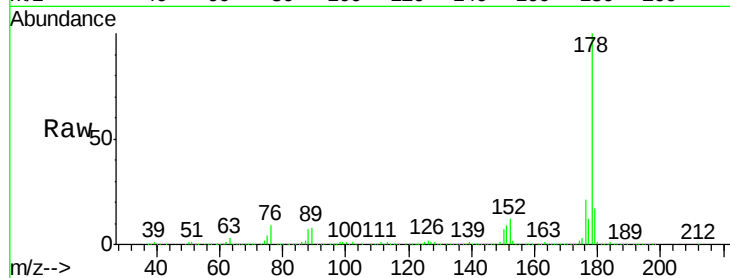
Tgt Ion:178 Resp: 3285395

Ion Ratio Lower Upper

178 100

176 21.2 16.3 24.5

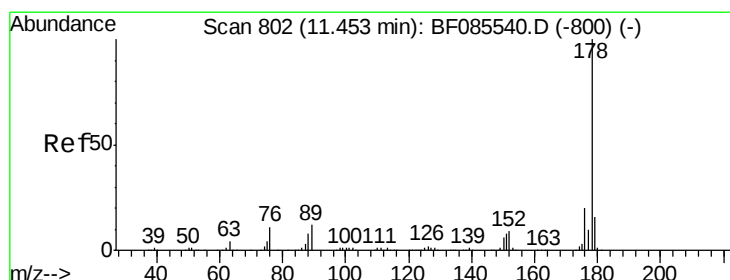
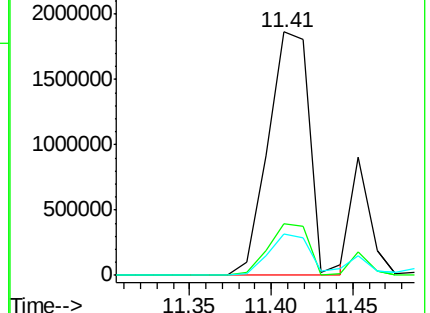
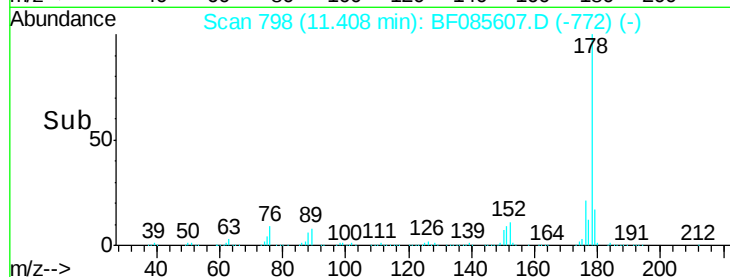
179 16.8 12.6 18.8



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: 38.58 ng

RT: 11.45 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

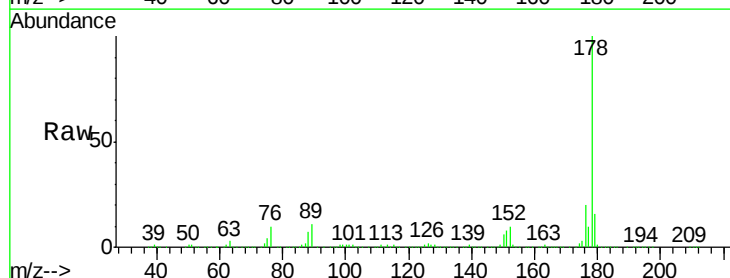
Tgt Ion:178 Resp: 794071

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

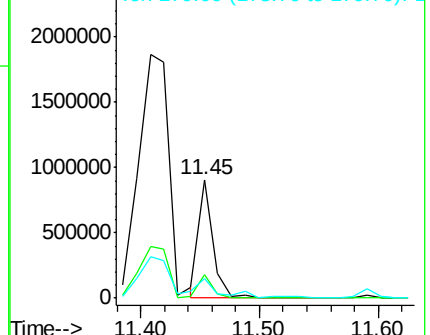
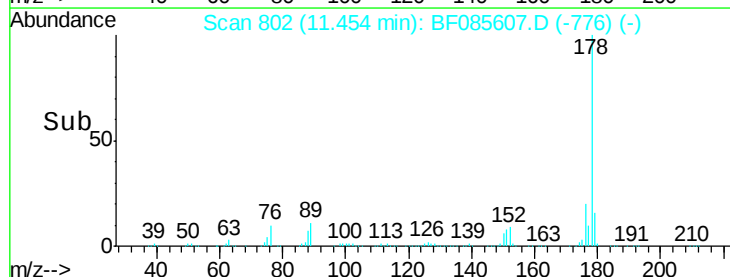
179 16.0 13.0 19.4

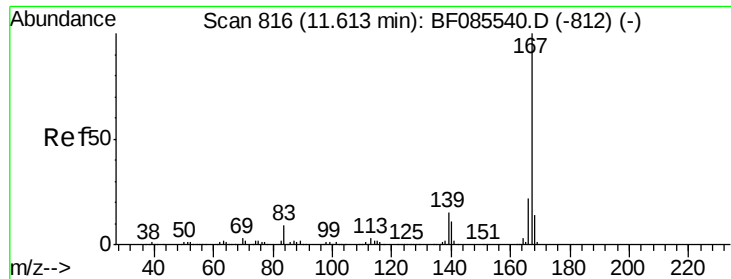


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 14.11 ng

RT: 11.60 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

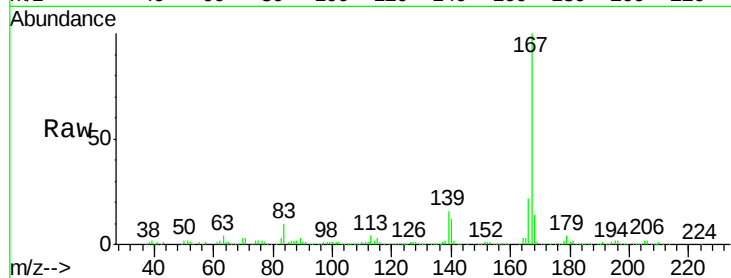
Tgt Ion:167 Resp: 250445

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

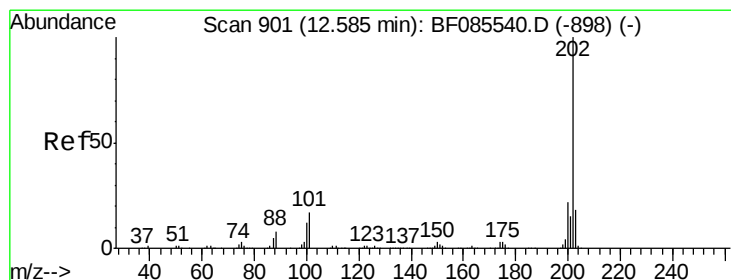
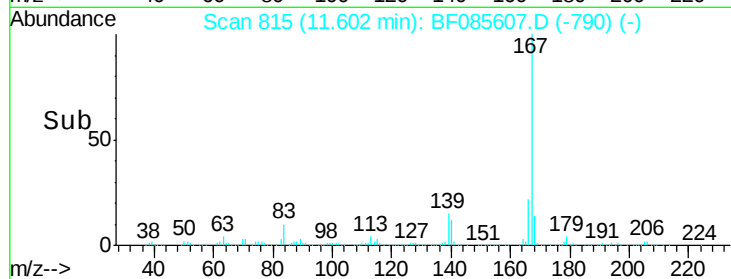
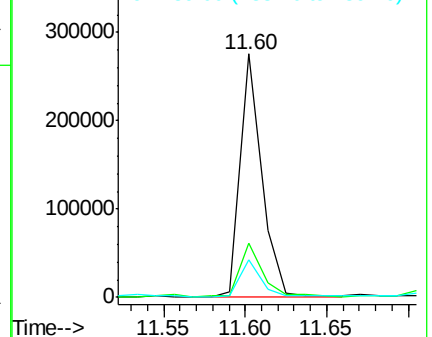
139 15.6 11.6 17.4



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: 160.64 ng

RT: 12.61 min Scan# 903

Delta R.T. 0.02 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

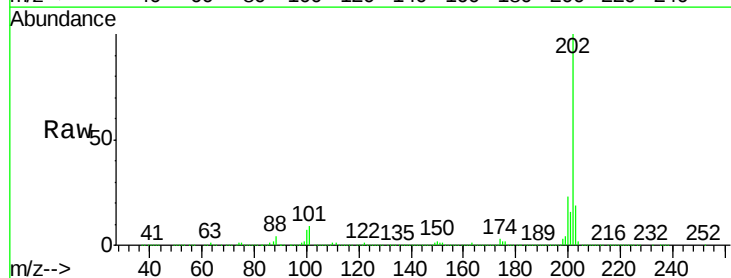
Tgt Ion:202 Resp: 3301653

Ion Ratio Lower Upper

202 100

101 9.0 0.0 36.6

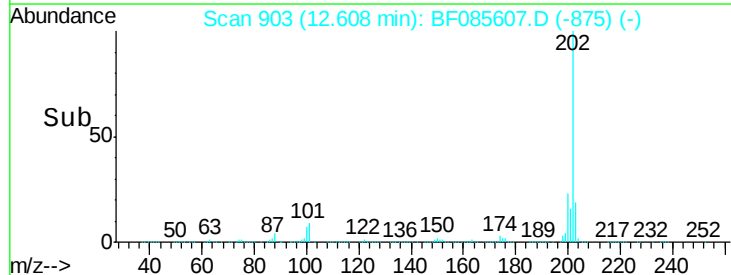
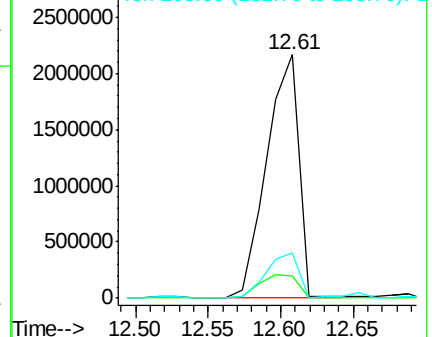
203 18.8 0.0 38.1

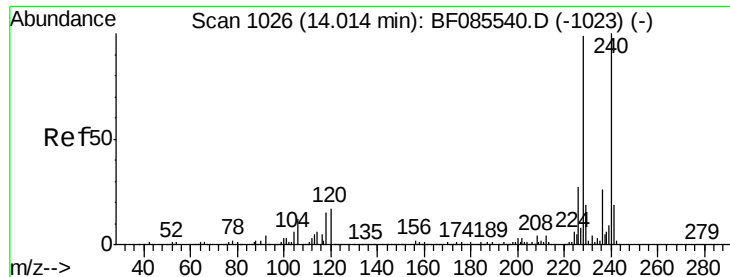


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

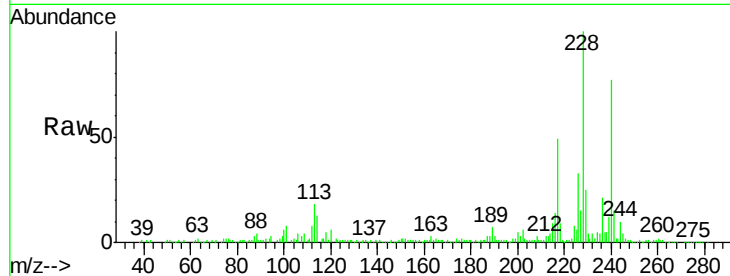
Tgt Ion:240 Resp: 207415

Ion Ratio Lower Upper

240 100

120 8.3 13.8 20.8#

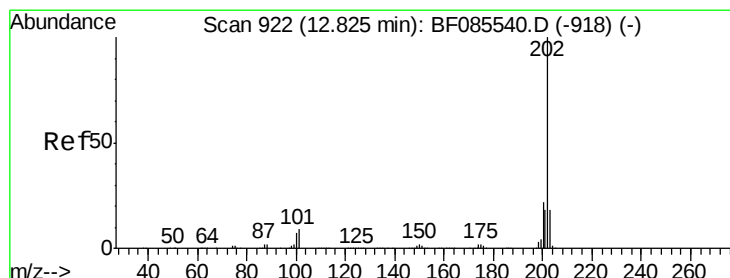
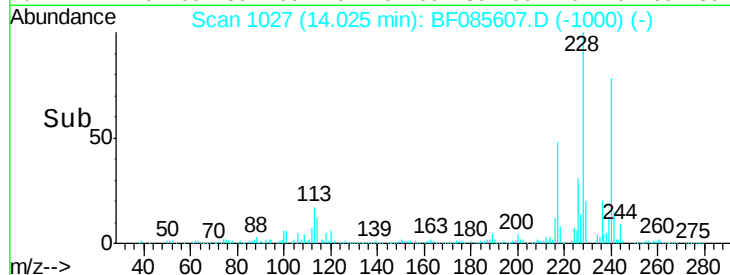
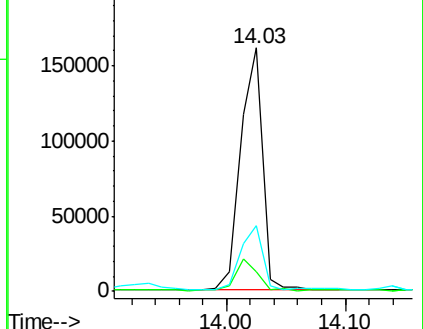
236 27.2 20.6 30.8



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: 203.71 ng

RT: 12.84 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

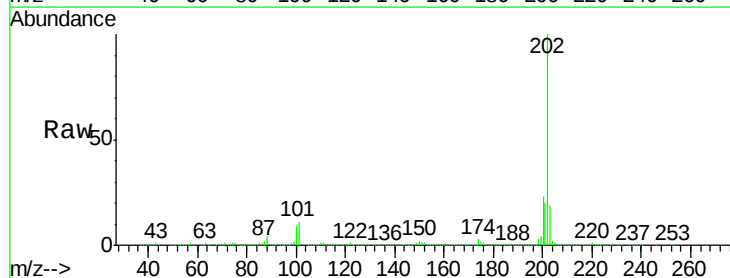
Tgt Ion:202 Resp: 3033770

Ion Ratio Lower Upper

202 100

200 23.5 17.6 26.4

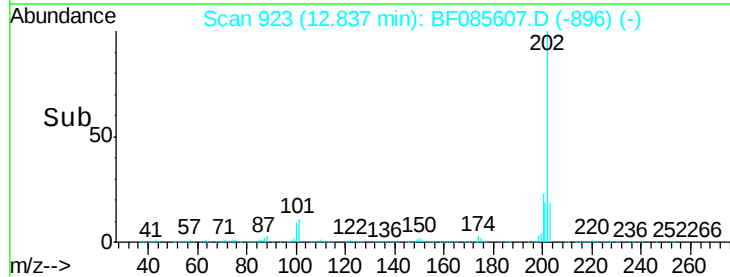
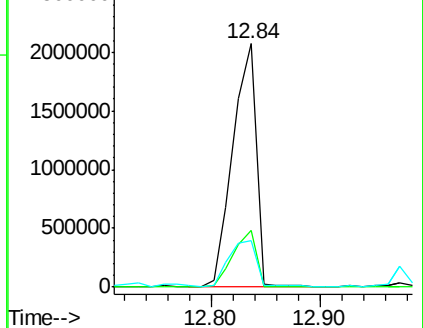
203 19.3 14.0 21.0

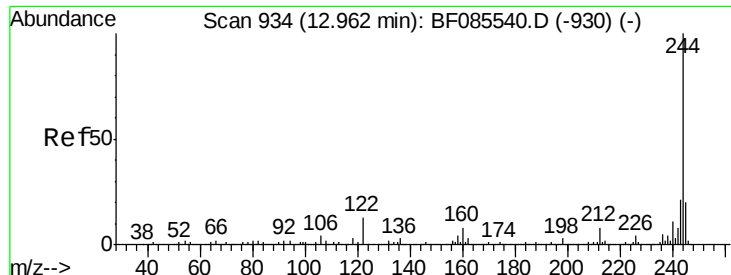


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

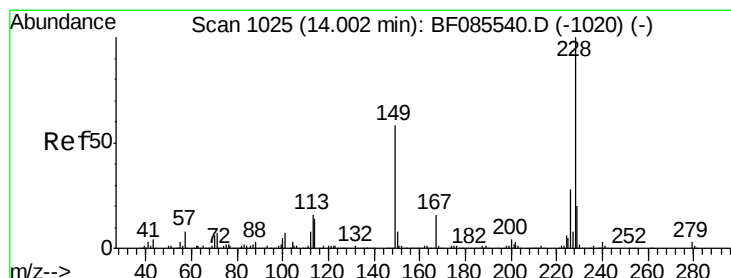
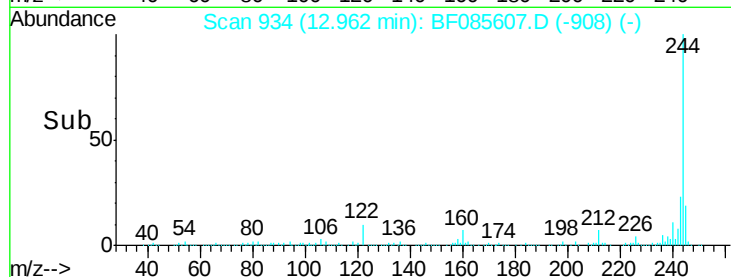
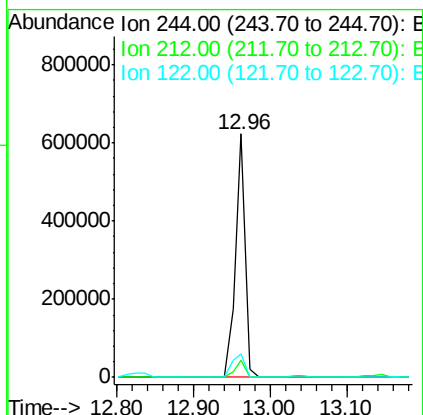
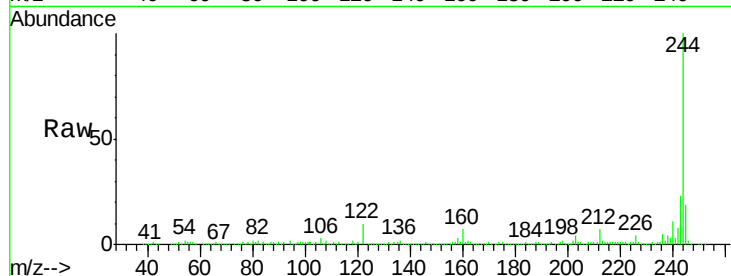




#78
 Terphenyl-d14
 Concen: 65.72 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085607.D
 Acq: 20 Mar 2016 9:26

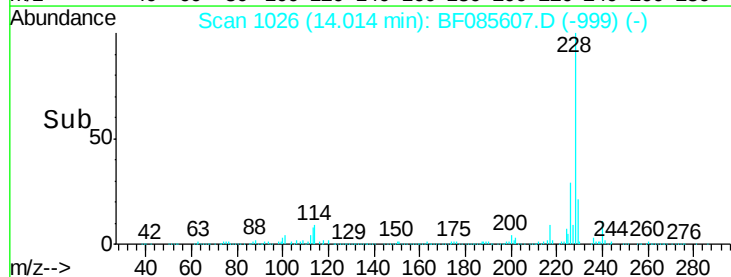
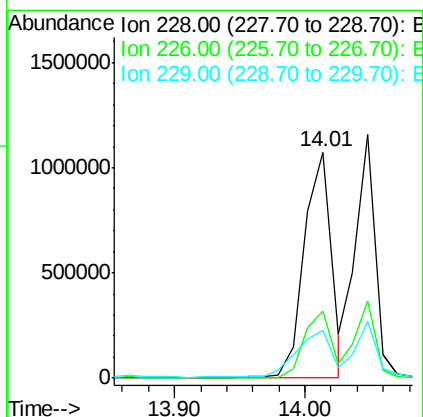
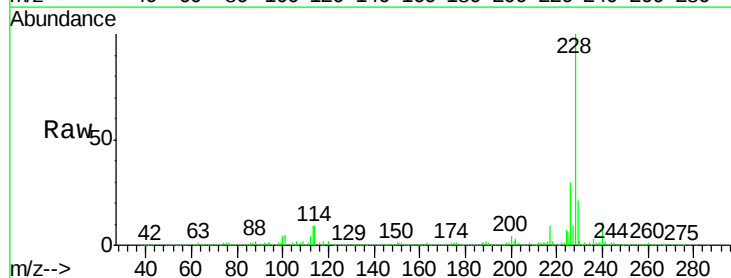
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

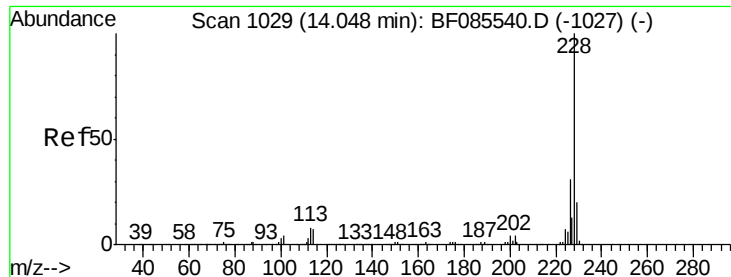
Tgt Ion:244 Resp: 566430
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 9.9 10.2 15.4#



#80
 Benzo(a)anthracene
 Concen: 128.01 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BF085607.D
 Acq: 20 Mar 2016 9:26

Tgt Ion:228 Resp: 1541391
 Ion Ratio Lower Upper
 228 100
 226 29.6 22.1 33.1
 229 21.3 16.2 24.4





#82

Chrysene

Concen: 133.06 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

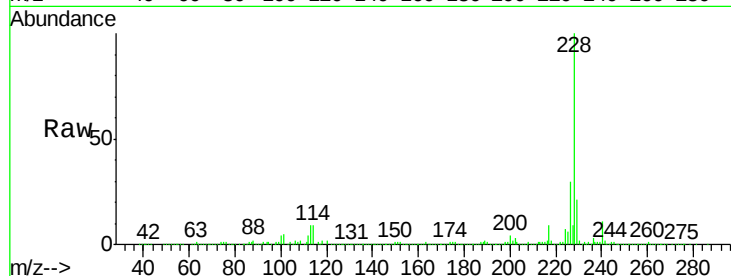
Tgt Ion:228 Resp: 1541391

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

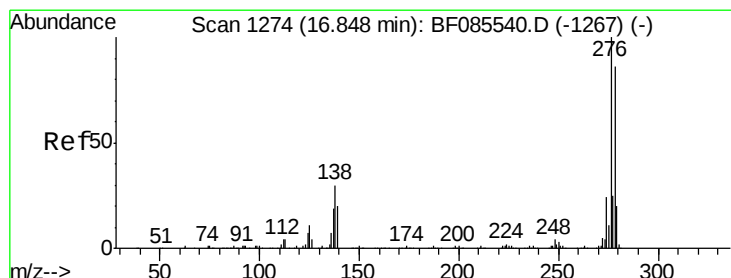
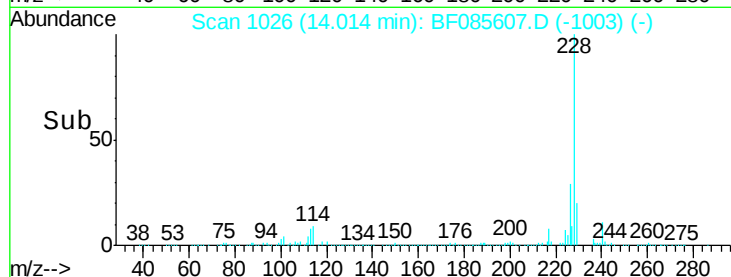
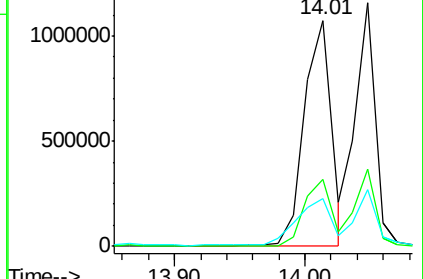
229 21.3 15.7 23.5



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: 77.35 ng

RT: 16.86 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

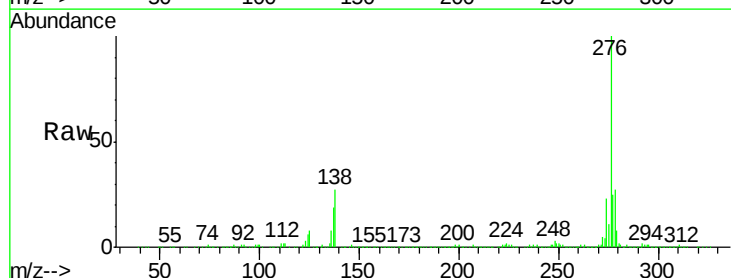
Tgt Ion:276 Resp: 748754

Ion Ratio Lower Upper

276 100

138 25.1 24.2 36.4

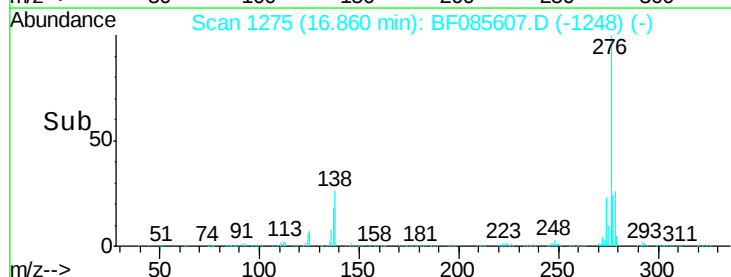
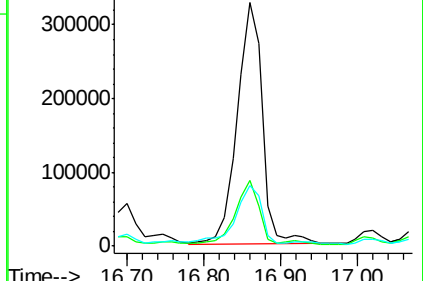
277 24.5 20.0 30.0

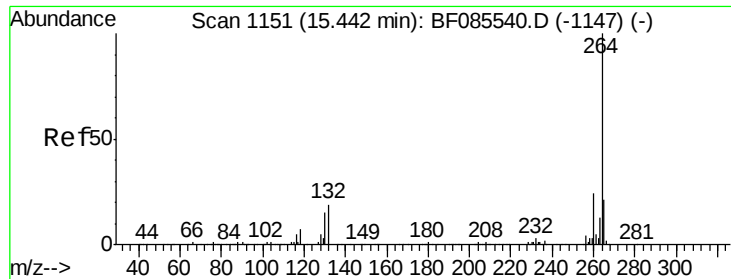


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



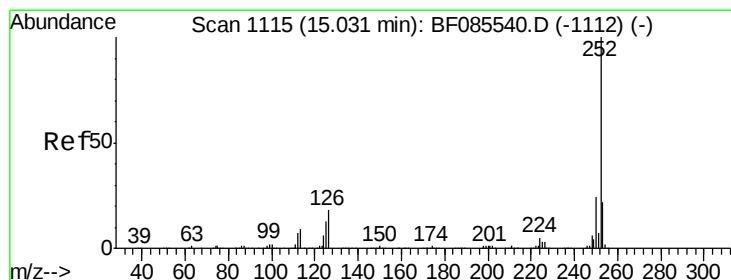
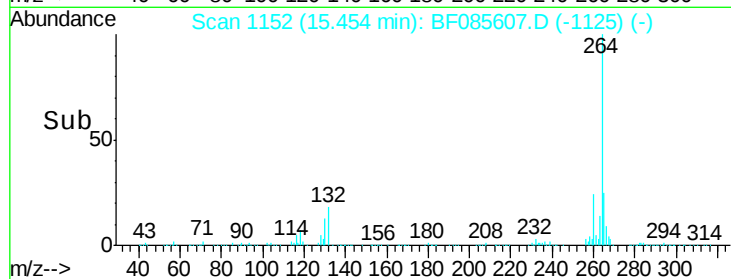
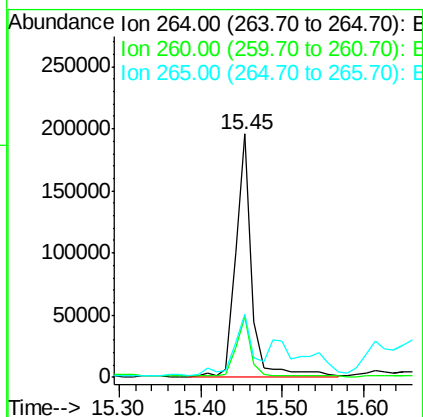
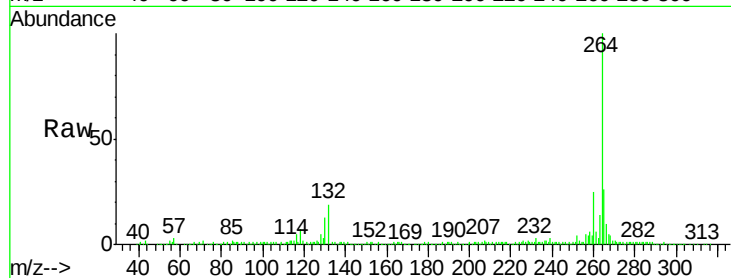


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF085607.D
Acq: 20 Mar 2016 9:26

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion: 264 Resp: 263790

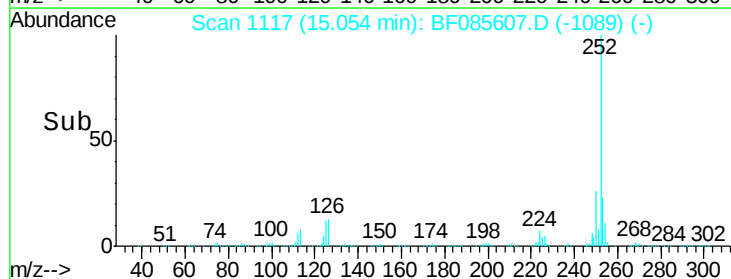
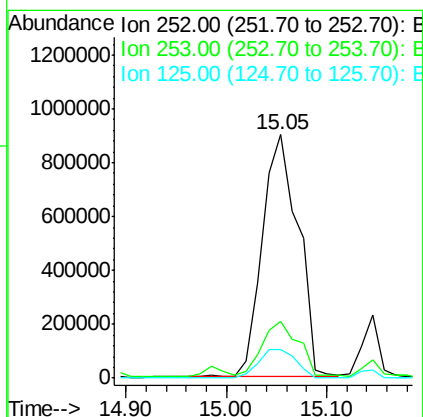
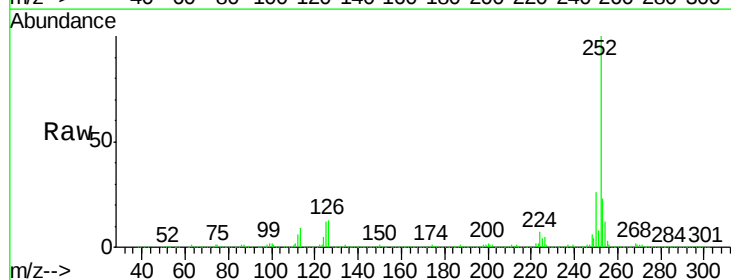
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	25.8	17.2	25.8

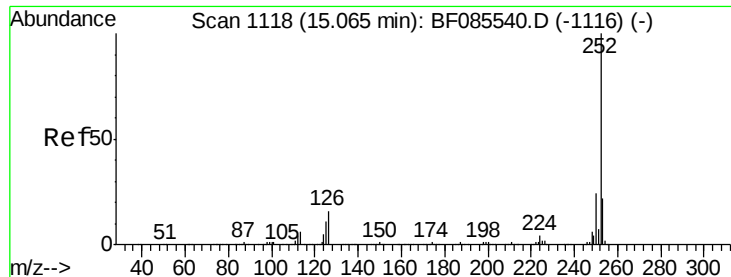


#87
Benzo(b)fluoranthene
Concen: 129.48 ng
RT: 15.05 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF085607.D
Acq: 20 Mar 2016 9:26

Tgt Ion: 252 Resp: 2228644

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	12.0	10.3	15.5





#88

Benzo(k)fluoranthene

Concen: 157.16 ng

RT: 15.05 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

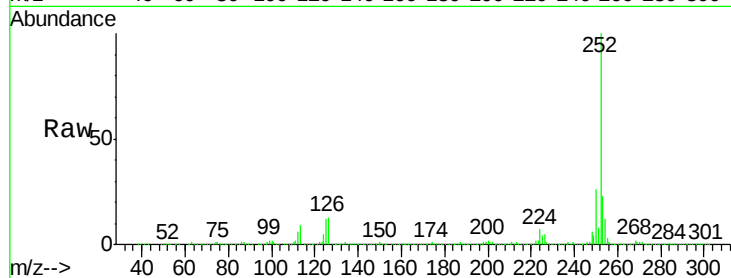
Tgt Ion:252 Resp: 2228644

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

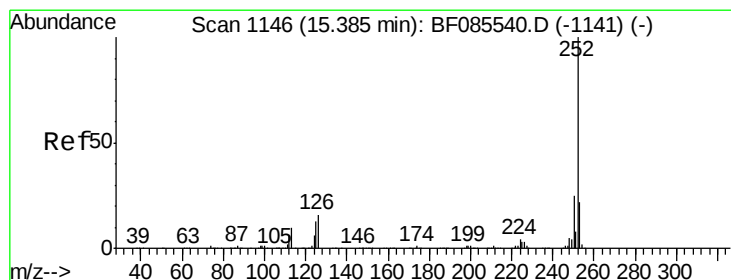
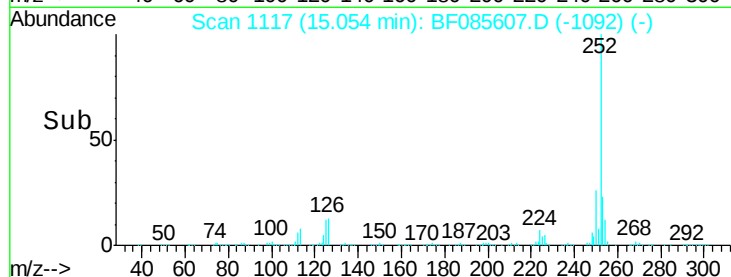
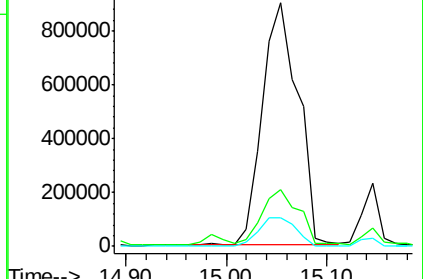
125 12.0 7.7 11.5#



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: 61.19 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

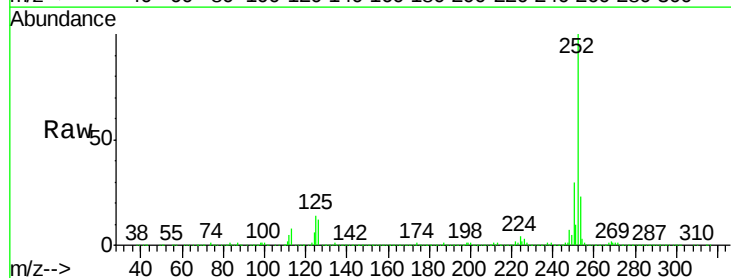
Tgt Ion:252 Resp: 892860

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

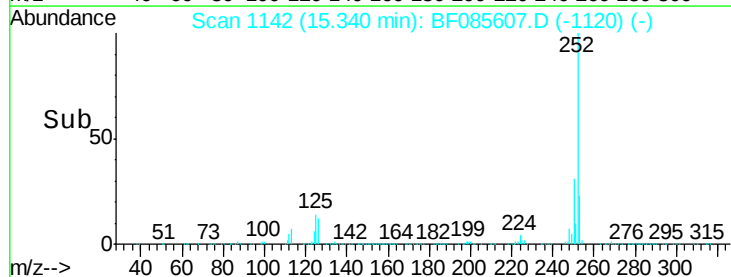
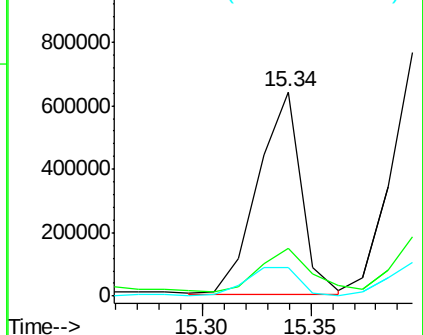
125 13.7 10.3 15.5

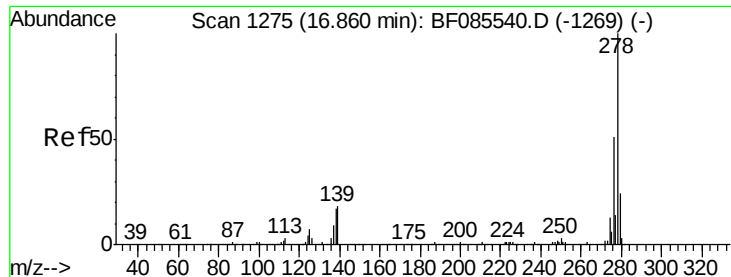


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 15.88 ng

RT: 16.87 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

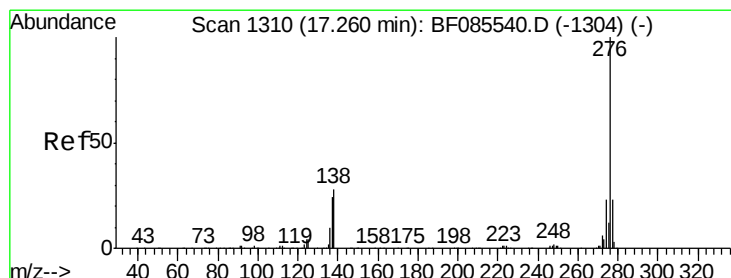
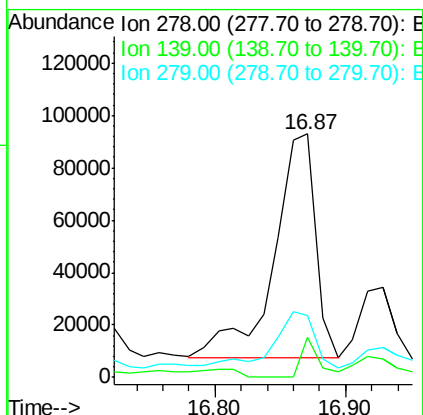
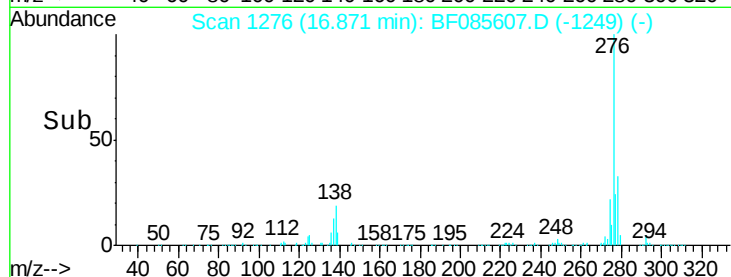
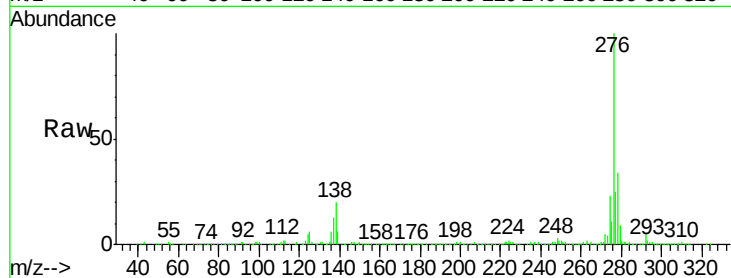
Tgt Ion:278 Resp: 193227

Ion Ratio Lower Upper

278 100

139 16.3 14.4 21.6

279 25.6 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 57.62 ng

RT: 17.28 min Scan# 1312

Delta R.T. 0.02 min

Lab File: BF085607.D

Acq: 20 Mar 2016 9:26

Tgt Ion:276 Resp: 678757

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 27.1 22.6 34.0

