

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
 Data File : BE090835.D
 Acq On : 15 Sep 2015 16:23
 Operator : UM/IZ
 Sample : PB85543BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85543BS

Quant Time: Sep 15 16:57:49 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

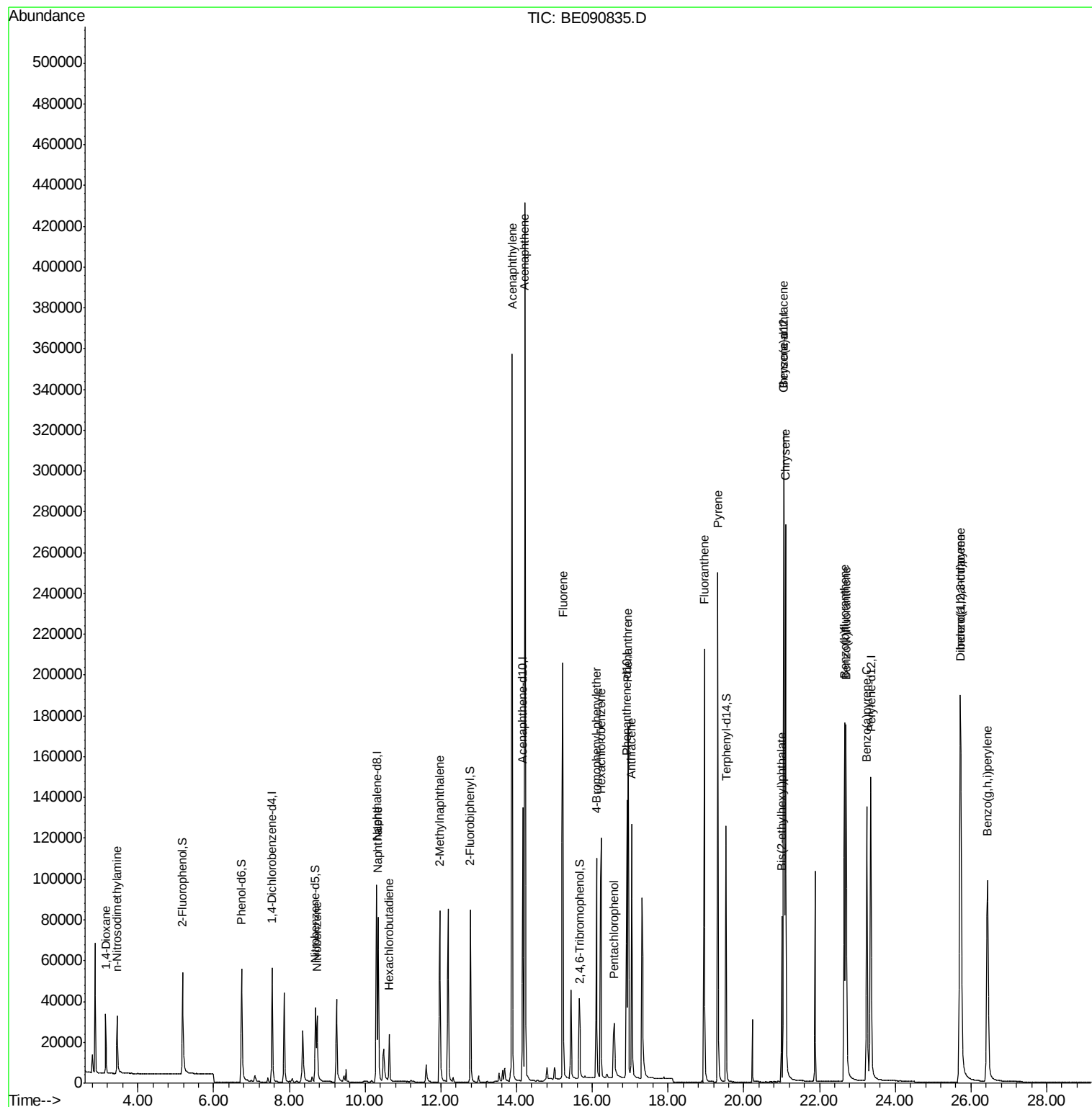
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	28949	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	135067	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	74781	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	180330	5.00	ng	0.00
25) Chrysene-d12	21.07	240	243064	5.00	ng	0.00
32) Perylene-d12	23.35	264	211456	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	49056	8.69	ng	-0.01
5) Phenol-d6	6.74	99	78239	9.71	ng	-0.01
7) Nitrobenzene-d5	8.69	82	39968	4.48	ng	-0.02
13) 2,4,6-Tribromophenol	15.67	330	18680	8.50	ng	0.00
14) 2-Fluorobiphenyl	12.78	172	85339	4.12	ng	-0.01
27) Terphenyl-d14	19.53	244	137326	5.11	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	15830	4.18	ng	97
3) n-Nitrosodimethylamine	3.45	42	20208	3.93	ng	# 99
8) Nitrobenzene	8.73	77	42429	3.89	ng	99
9) Naphthalene	10.35	128	112310	3.81	ng	99
10) Hexachlorobutadiene	10.64	225	16937	3.68	ng	99
11) 2-Methylnaphthalene	11.97	142	71020	4.46	ng	99
15) Acenaphthylene	13.88	152	495182	4.14	ng	100
16) Acenaphthene	14.23	154	78446	3.93	ng	93
17) Fluorene	15.22	166	102819	4.13	ng	96
19) 4-Bromophenyl-phenylether	16.11	248	25983	4.23	ng	96
20) Hexachlorobenzene	16.23	284	128370	4.36	ng	99
21) Pentachlorophenol	16.58	266	19919	7.96	ng	94
22) Phenanthrene	16.94	178	187898	4.21	ng	99
23) Anthracene	17.03	178	179314	4.81	ng	100
24) Fluoranthene	18.96	202	206998	4.40	ng	99
26) Pyrene	19.32	202	235958	4.69	ng	99
28) Benzo(a)anthracene	21.05	228	240885	4.52	ng	99
29) Chrysene	21.10	228	243228	4.33	ng	100
30) Bis(2-ethylhexyl)phthalate	21.00	149	64982	3.78	ng	99
31) Indeno(1,2,3-cd)pyrene	25.71	276	254197	4.43	ng	99
33) Benzo(b)fluoranthene	22.65	252	216097	4.71	ng	99
34) Benzo(k)fluoranthene	22.70	252	246146	4.61	ng	99
35) Benzo(a)pyrene	23.25	252	203881	4.97	ng	100
36) Dibenzo(a,h)anthracene	25.73	278	208735	4.20	ng	99
37) Benzo(g,h,i)perylene	26.43	276	216644	4.59	ng	98

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
Data File : BE090835.D
Acq On : 15 Sep 2015 16:23
Operator : UM/IZ
Sample : PB85543BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85543BS

Quant Time: Sep 15 16:57:49 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

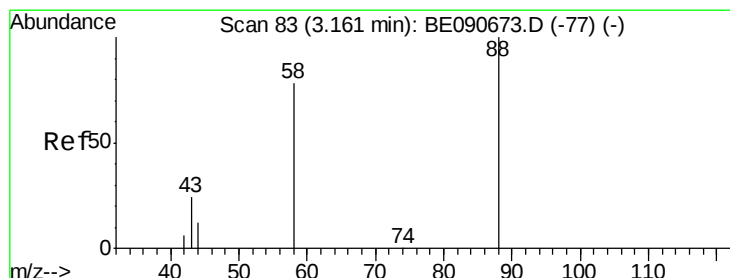
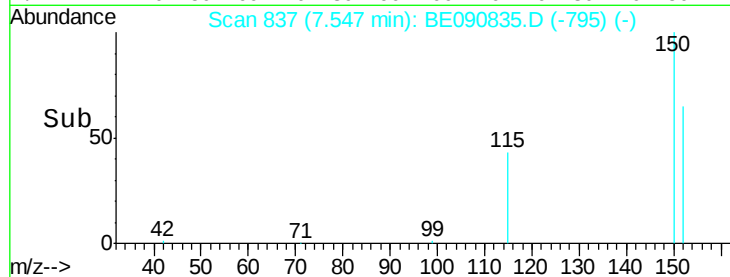
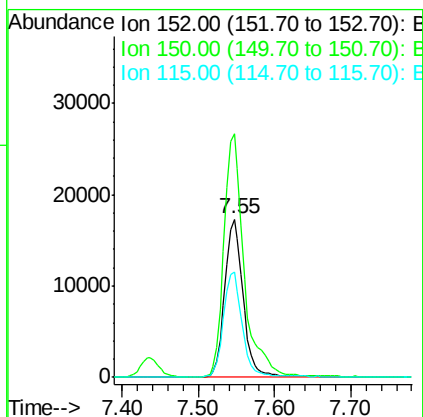
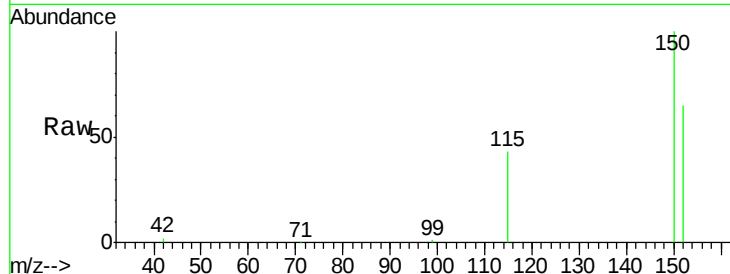




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BE090835.D
 Acq: 15 Sep 2015 16:23

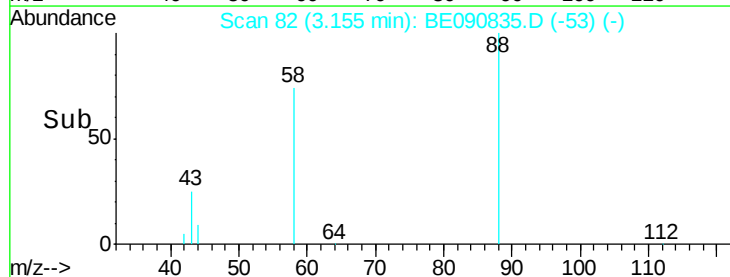
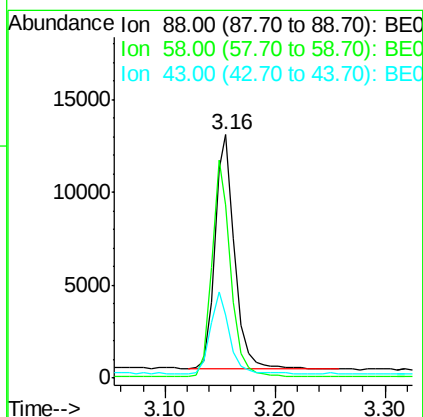
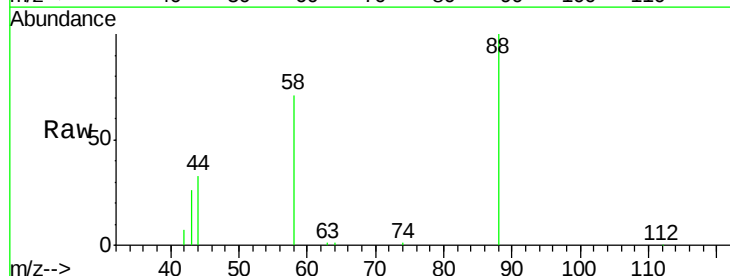
Instrument :
 BNA_E
 ClientSampleId :
 PB85543BS

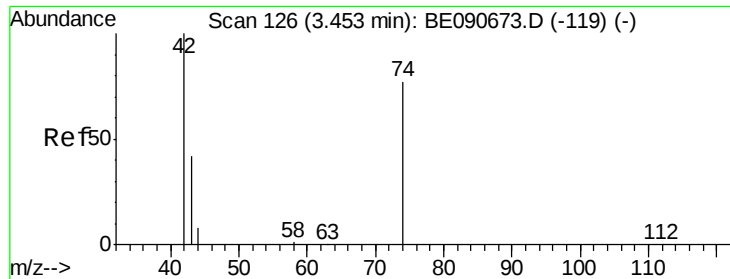
Tgt Ion:152 Resp: 28949
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.2 183.4
 115 66.6 51.0 76.4



#2
 1,4-Dioxane
 Concen: 4.18 ng
 RT: 3.16 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BE090835.D
 Acq: 15 Sep 2015 16:23

Tgt Ion: 88 Resp: 15830
 Ion Ratio Lower Upper
 88 100
 58 89.1 68.4 102.6
 43 33.4 26.9 40.3



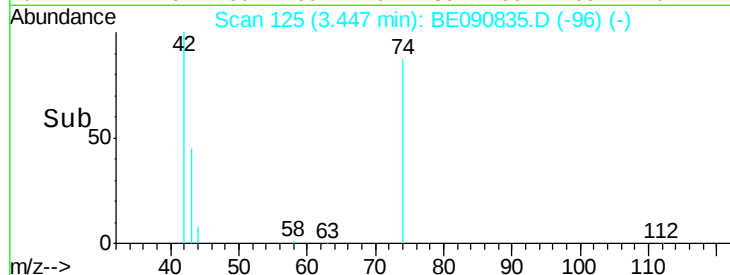
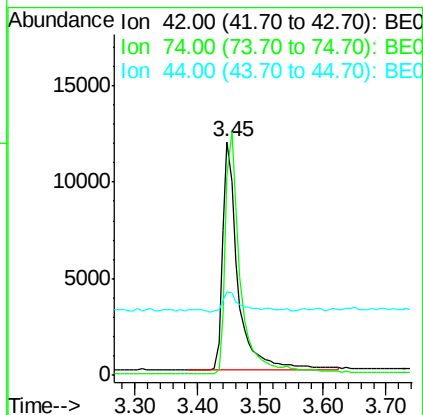
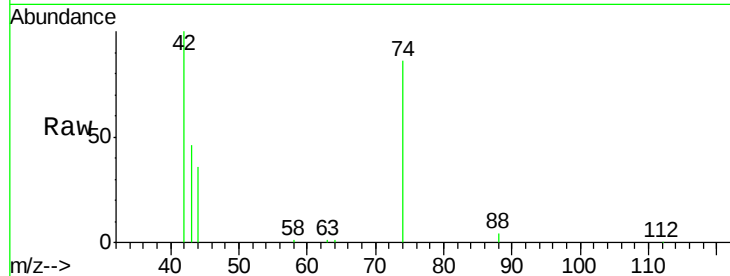


#3

n-Nitrosodimethylamine
 Concen: 3.93 ng
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090835.D
 Acq: 15 Sep 2015 16:23

Instrument :
 BNA_E
 ClientSampleId :
 PB85543BS

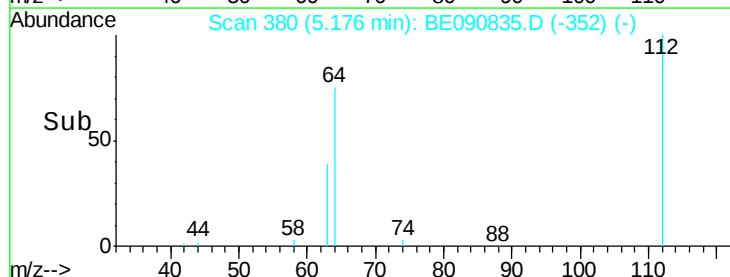
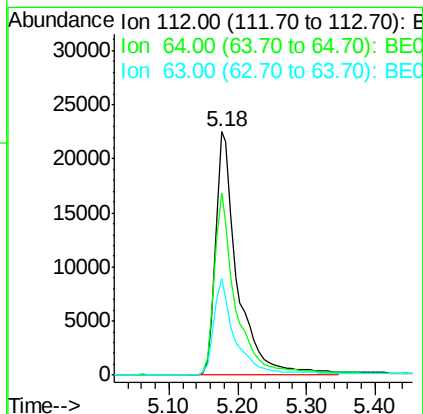
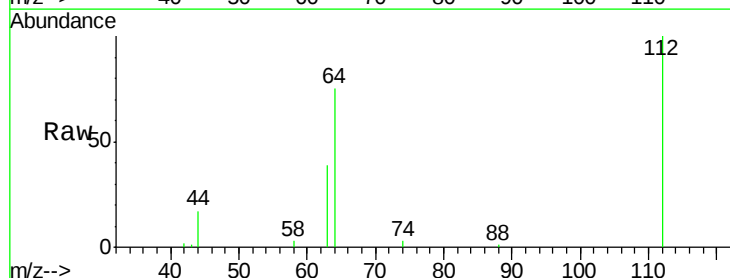
Tgt Ion: 42 Resp: 20208
 Ion Ratio Lower Upper
 42 100
 74 104.2 83.7 125.5
 44 9.6 10.0 15.0#

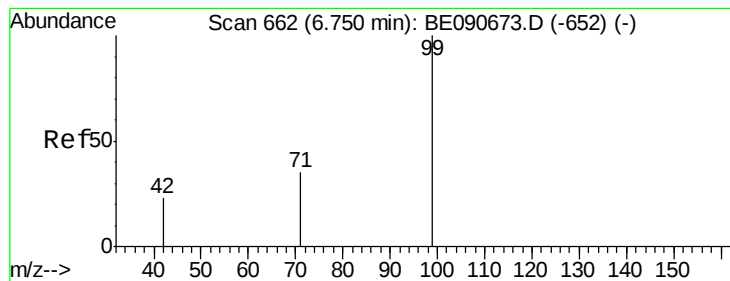


#4

2-Fluorophenol
 Concen: 8.69 ng
 RT: 5.18 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BE090835.D
 Acq: 15 Sep 2015 16:23

Tgt Ion: 112 Resp: 49056
 Ion Ratio Lower Upper
 112 100
 64 72.4 57.3 85.9
 63 37.9 29.2 43.8





#5

Phenol-d6

Concen: 9.71 ng

RT: 6.74 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

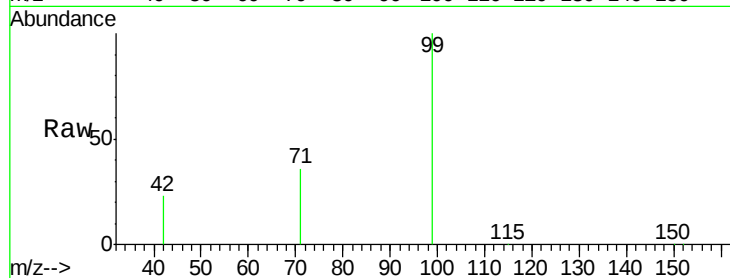
Tgt Ion: 99 Resp: 78239

Ion Ratio Lower Upper

99 100

42 22.4 16.8 25.2

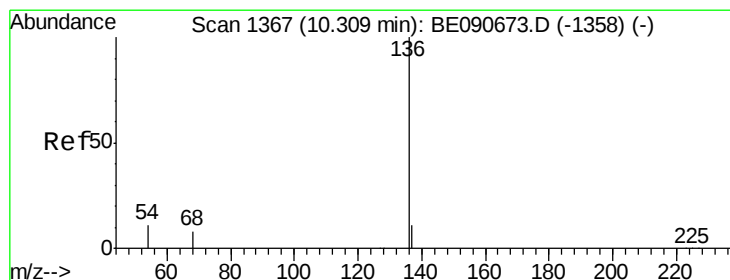
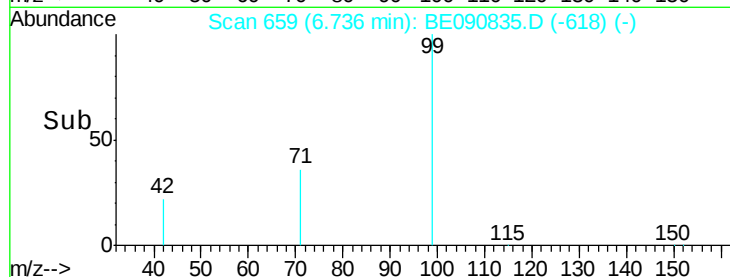
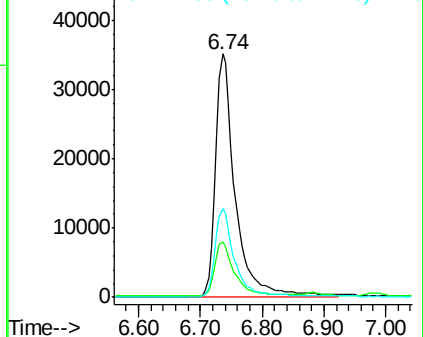
71 36.5 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Tgt Ion: 136 Resp: 135067

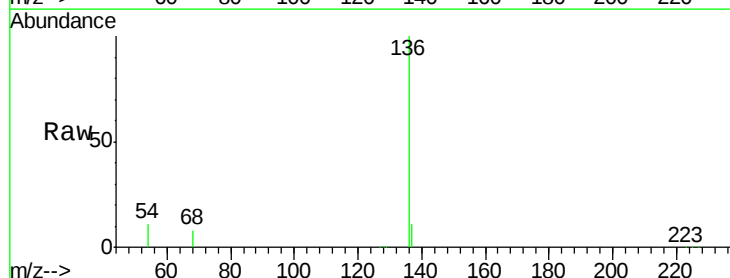
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.8 9.0 13.6

68 7.8 6.3 9.5

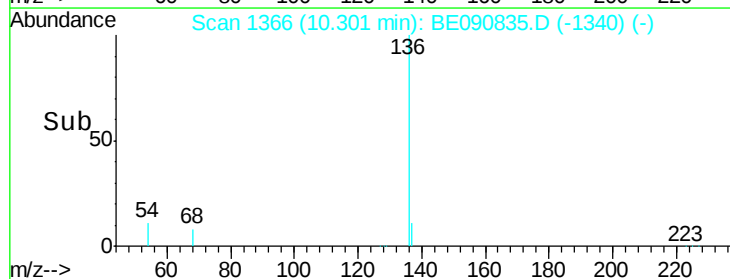
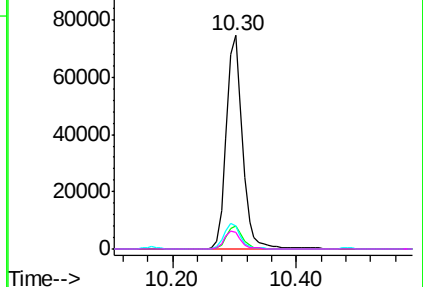


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 4.48 ng

RT: 8.69 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

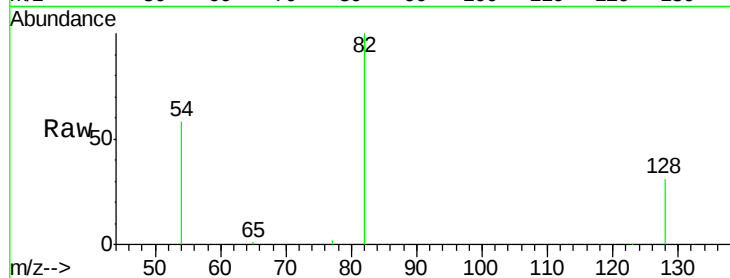
Tgt Ion: 82 Resp: 39968

Ion Ratio Lower Upper

82 100

128 31.1 25.0 37.4

54 58.1 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.69

20000

15000

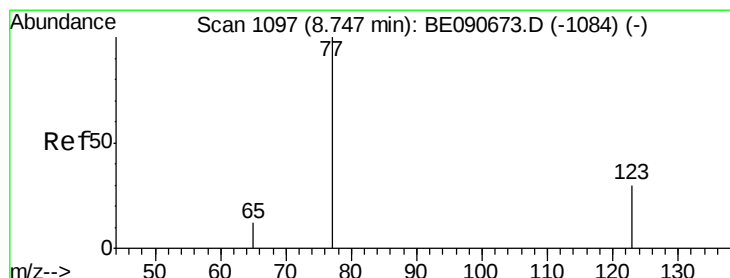
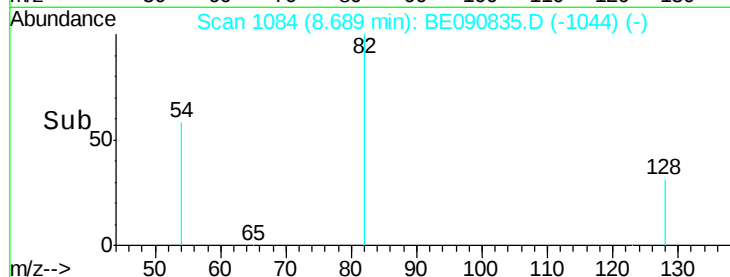
10000

5000

0

8.60 8.70 8.80 8.90

Time-->



#8

Nitrobenzene

Concen: 3.89 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

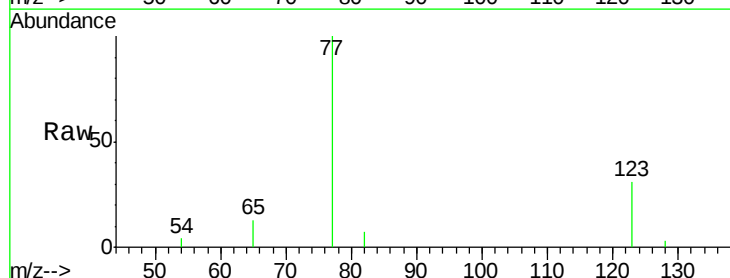
Tgt Ion: 77 Resp: 42429

Ion Ratio Lower Upper

77 100

123 31.7 25.1 37.7

65 12.5 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.73

25000

20000

15000

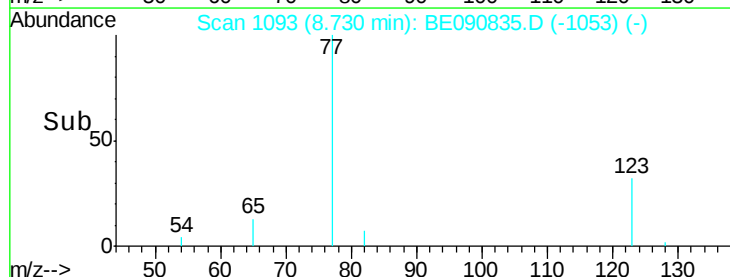
10000

5000

0

8.60 8.70 8.80 8.90

Time-->





#9

Naphthalene

Concen: 3.81 ng

RT: 10.35 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

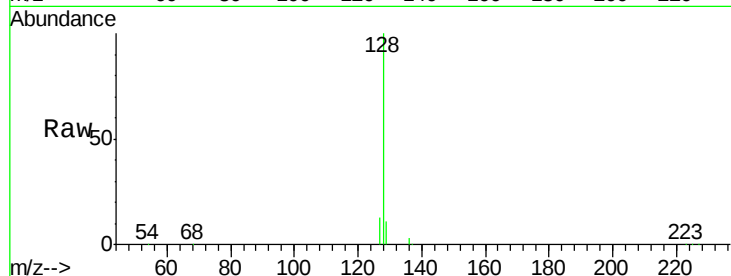
Tgt Ion:128 Resp: 112310

Ion Ratio Lower Upper

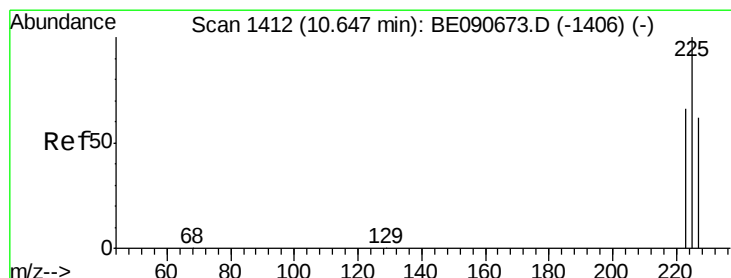
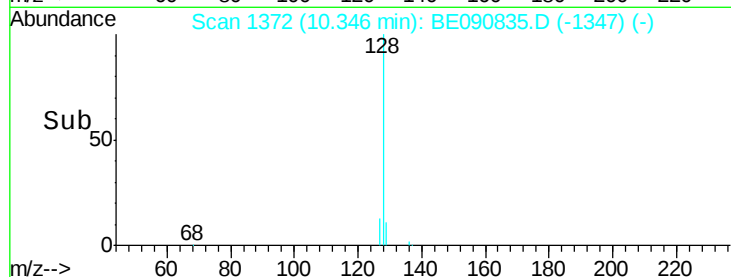
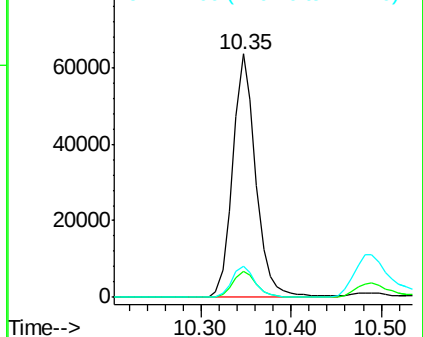
128 100

129 10.9 9.0 13.6

127 12.9 10.6 15.8



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



#10

Hexachlorobutadiene

Concen: 3.68 ng

RT: 10.64 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

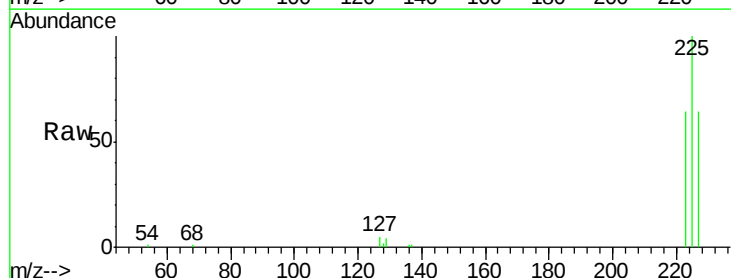
Tgt Ion:225 Resp: 16937

Ion Ratio Lower Upper

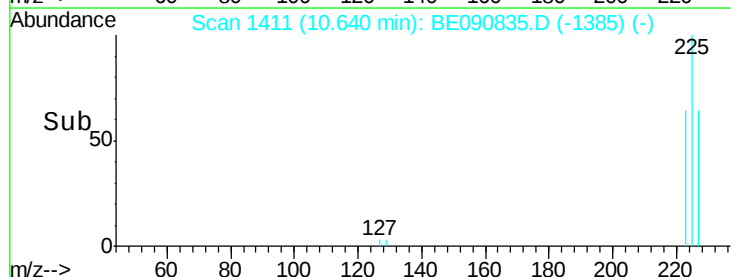
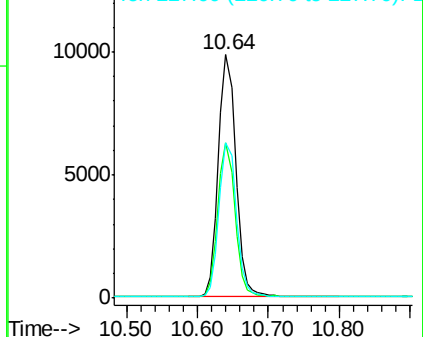
225 100

223 62.5 50.6 76.0

227 63.6 51.0 76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

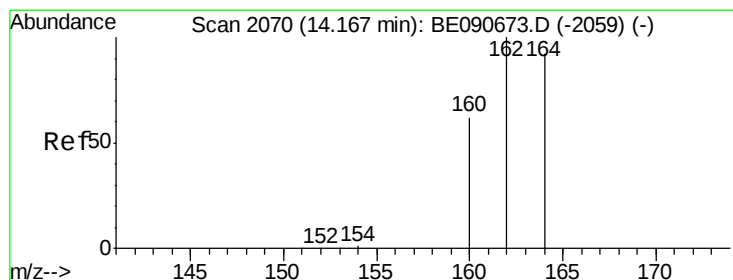
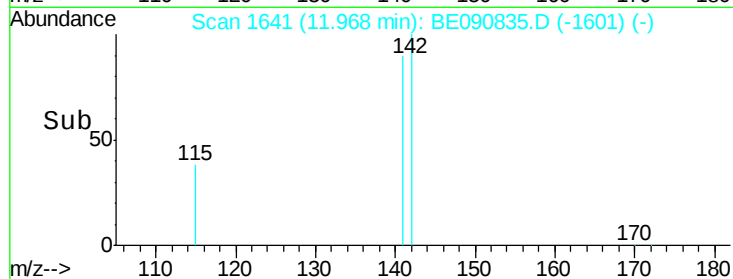
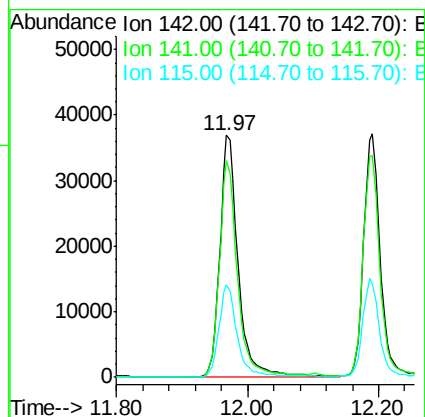
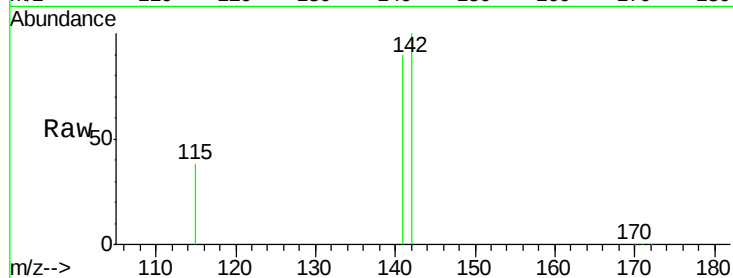




#11
2-Methylnaphthalene
Concen: 4.46 ng
RT: 11.97 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BE090835.D
Acq: 15 Sep 2015 16:23

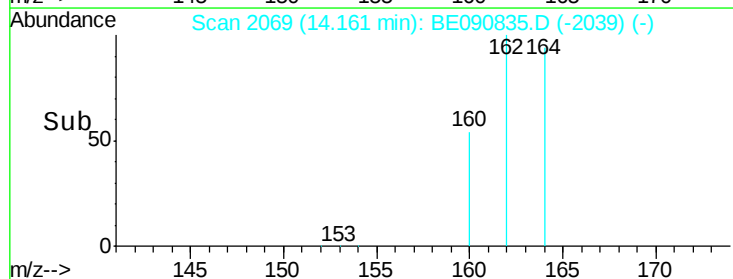
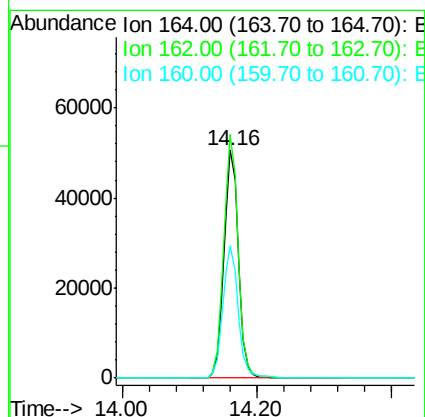
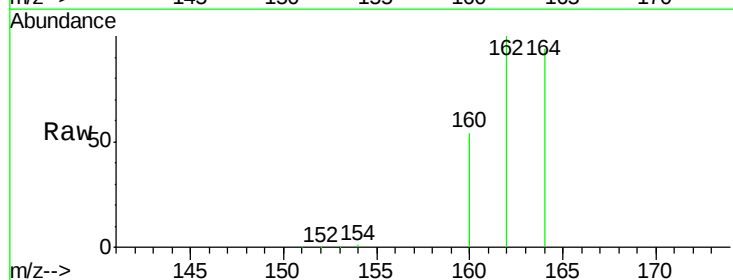
Instrument :
BNA_E
ClientSampleId :
PB85543BS

Tgt Ion:142 Resp: 71020
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2
115 38.3 31.0 46.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BE090835.D
Acq: 15 Sep 2015 16:23

Tgt Ion:164 Resp: 74781
Ion Ratio Lower Upper
164 100
162 106.8 86.8 130.2
160 57.8 53.9 80.9

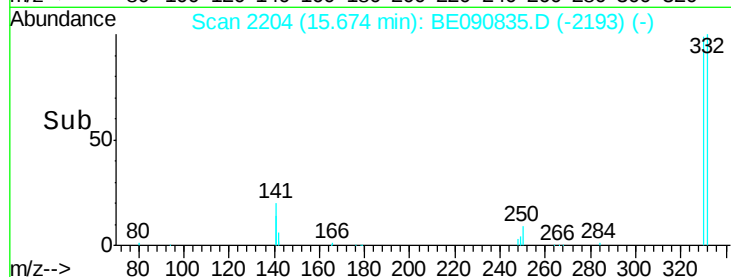
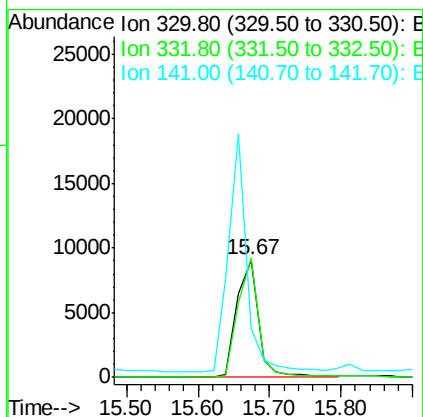
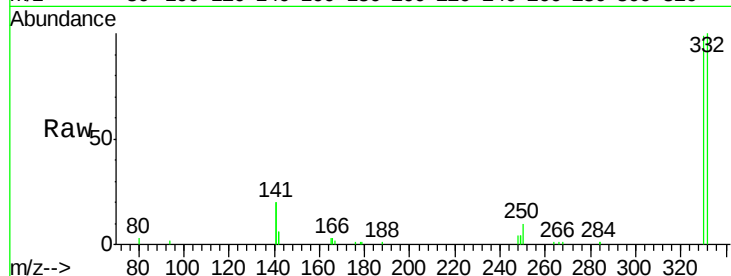




#13
 2,4,6-Tribromophenol
 Concen: 8.50 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090835.D
 Acq: 15 Sep 2015 16:23

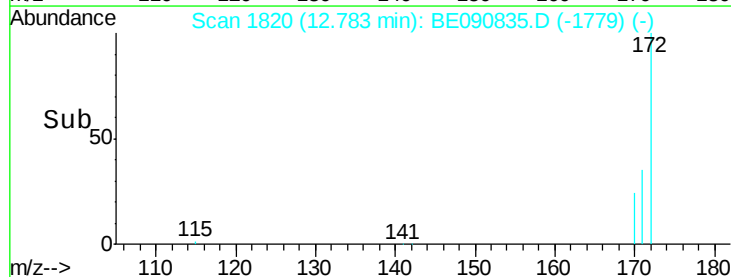
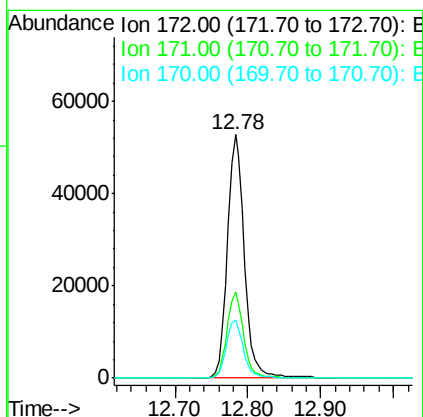
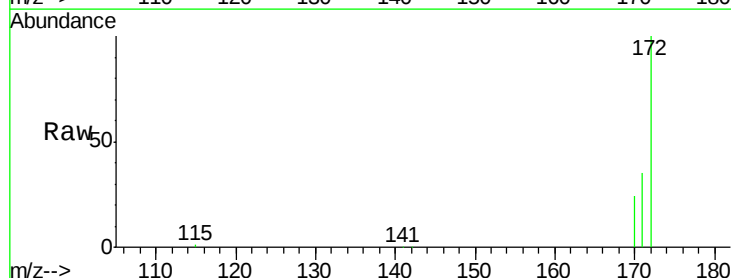
Instrument :
 BNA_E
 ClientSampleId :
 PB85543BS

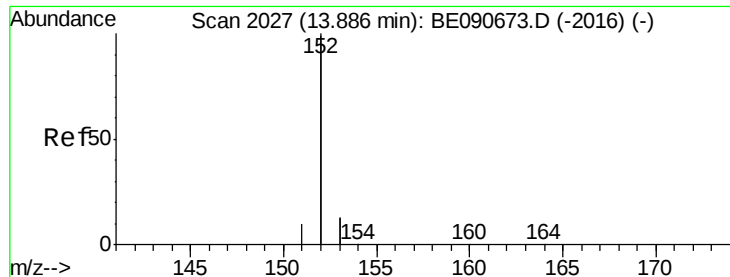
Tgt Ion: 330 Resp: 18680
 Ion Ratio Lower Upper
 330 100
 332 96.4 74.9 112.3
 141 174.8 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 4.12 ng
 RT: 12.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BE090835.D
 Acq: 15 Sep 2015 16:23

Tgt Ion: 172 Resp: 85339
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.8 41.8
 170 23.8 19.8 29.6





#15

Acenaphthylene

Concen: 4.14 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

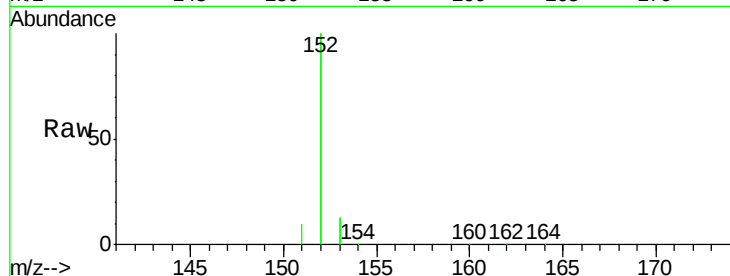
Tgt Ion:152 Resp: 495182

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

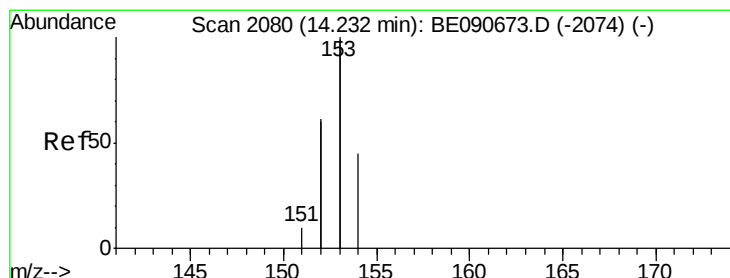
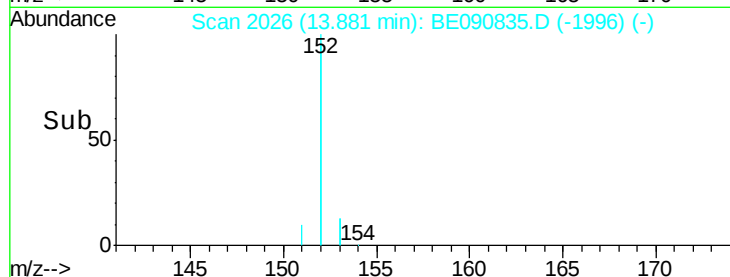
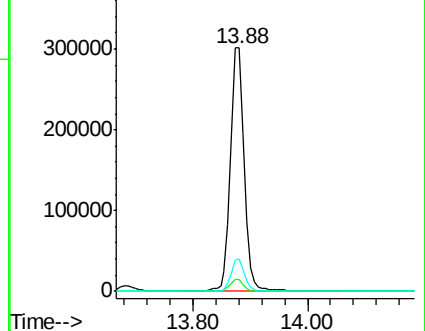
153 12.9 10.3 15.5



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



#16

Acenaphthene

Concen: 3.93 ng

RT: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

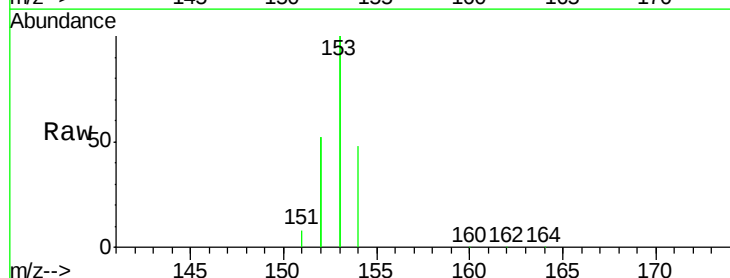
Tgt Ion:154 Resp: 78446

Ion Ratio Lower Upper

154 100

153 441.4 354.5 531.7

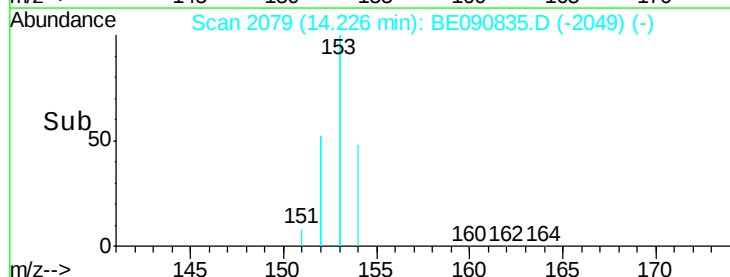
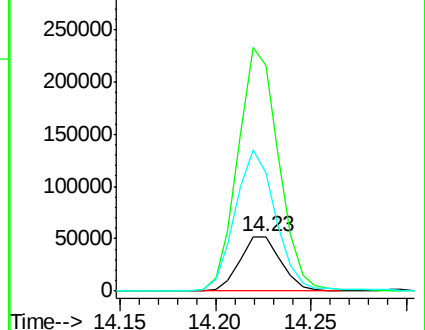
152 254.2 227.8 341.6



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

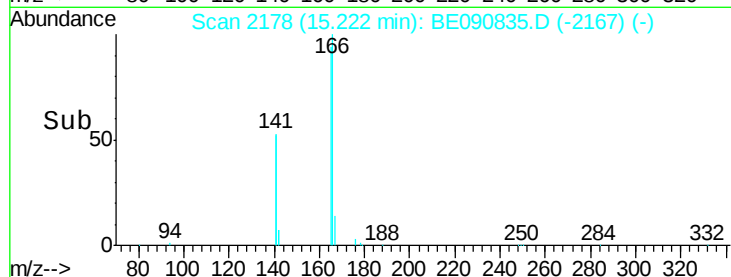
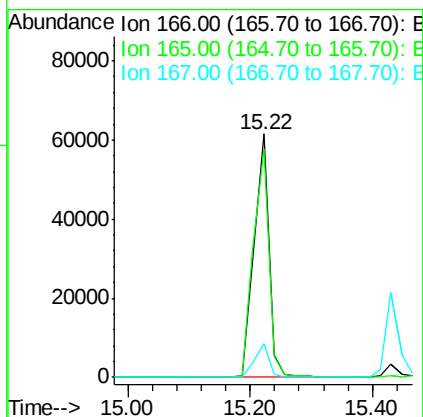
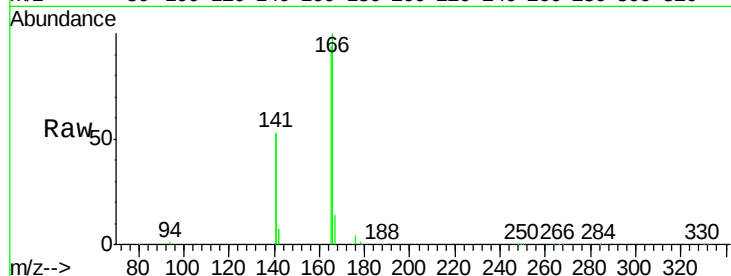




#17
Fluorene
 Concen: 4.13 ng
 RT: 15.22 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BE090835.D
 Acq: 15 Sep 2015 16:23

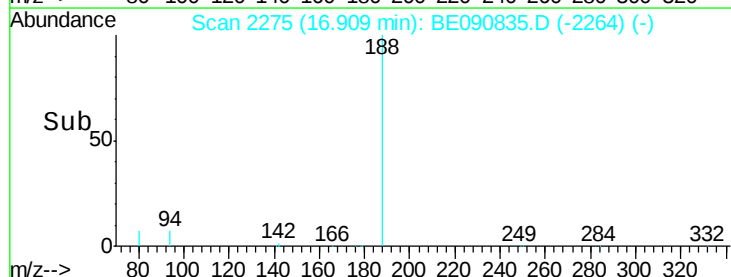
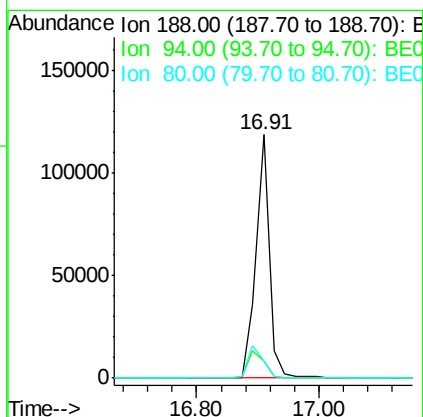
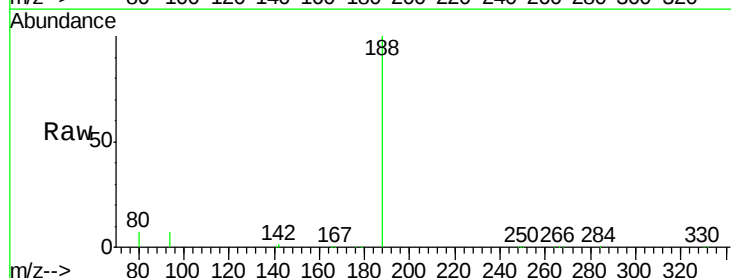
Instrument :
 BNA_E
 ClientSampleId :
 PB85543BS

Tgt Ion:166 Resp: 102819
 Ion Ratio Lower Upper
 166 100
 165 98.4 82.7 124.1
 167 13.4 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BE090835.D
 Acq: 15 Sep 2015 16:23

Tgt Ion:188 Resp: 180330
 Ion Ratio Lower Upper
 188 100
 94 6.9 10.3 15.5#
 80 7.2 11.0 16.6#





#19

4-Bromophenyl-phenylether

Concen: 4.23 ng

RT: 16.11 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

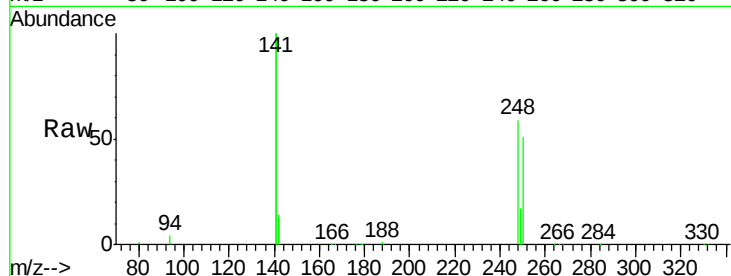
Tgt Ion:248 Resp: 25983

Ion Ratio Lower Upper

248 100

250 95.5 76.7 115.1

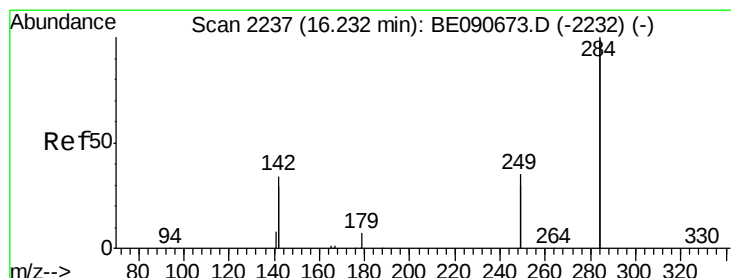
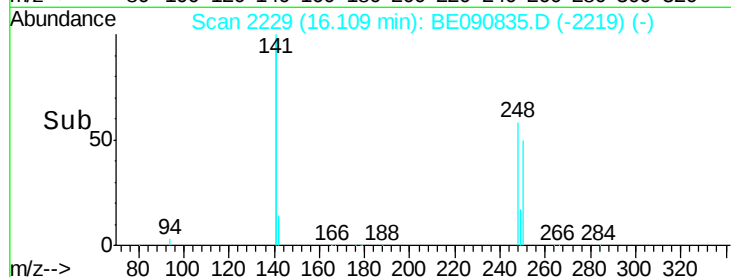
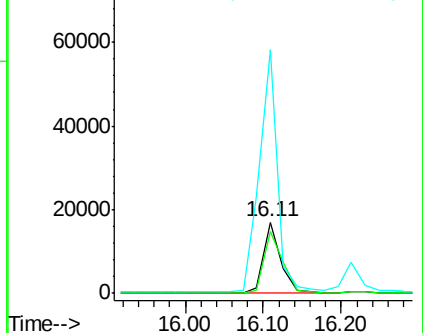
141 356.1 292.6 439.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 4.36 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

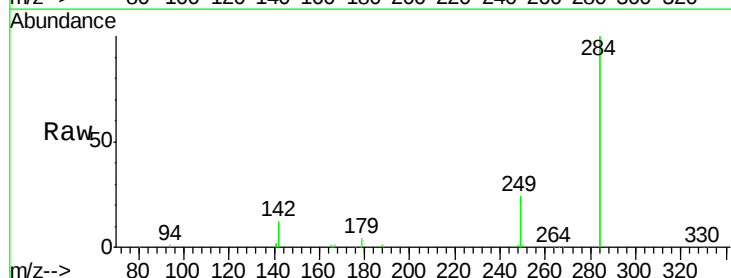
Tgt Ion:284 Resp: 128370

Ion Ratio Lower Upper

284 100

142 43.8 35.0 52.4

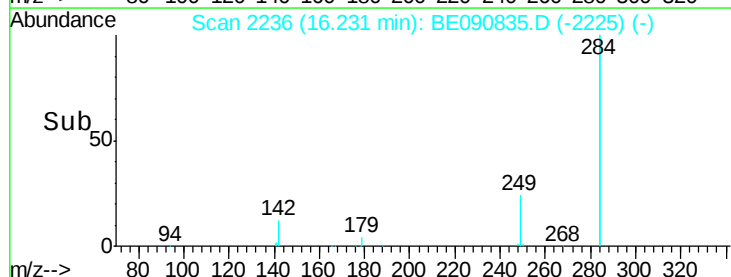
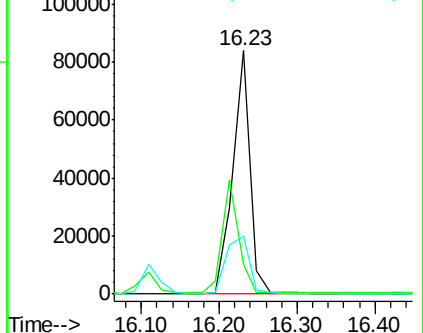
249 31.0 25.5 38.3

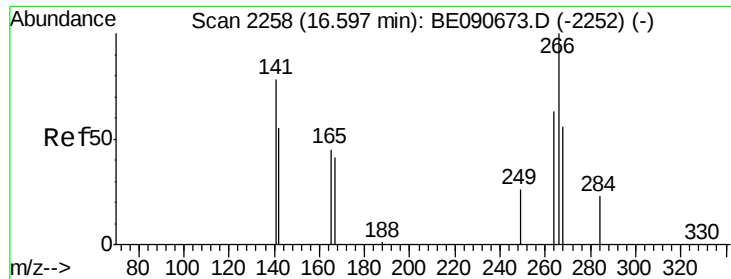


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

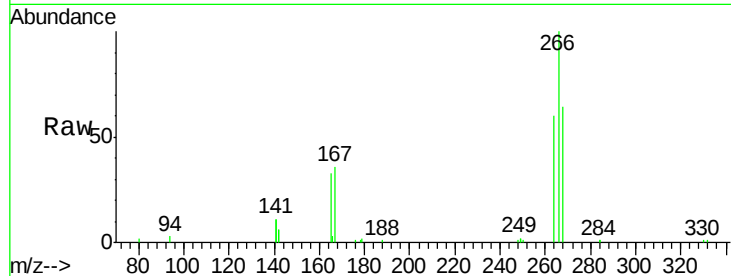




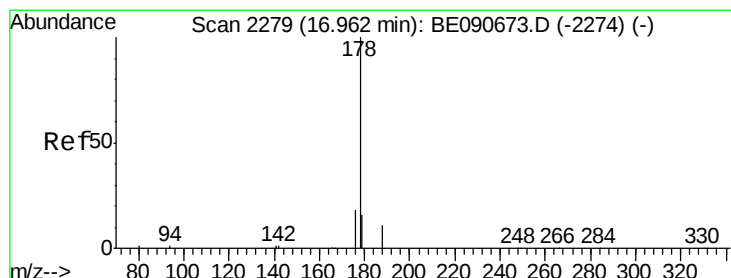
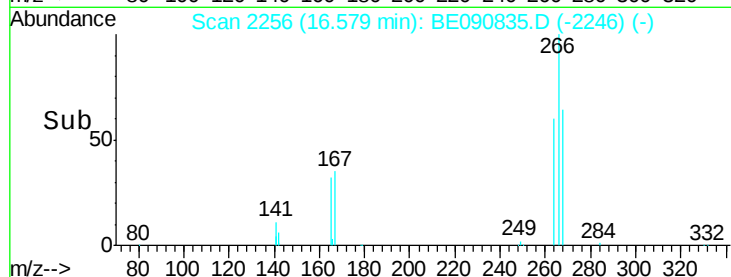
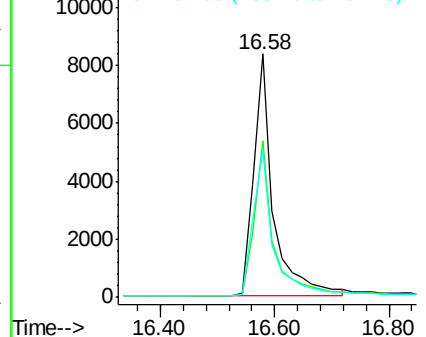
#21
 Pentachlorophenol
 Concen: 7.96 ng
 RT: 16.58 min Scan# 2256
 Delta R.T. -0.02 min
 Lab File: BE090835.D
 Acq: 15 Sep 2015 16:23

Instrument :
 BNA_E
 ClientSampleId :
 PB85543BS

Tgt Ion: 266 Resp: 19919
 Ion Ratio Lower Upper
 266 100
 268 64.4 49.6 74.4
 264 60.4 53.9 80.9

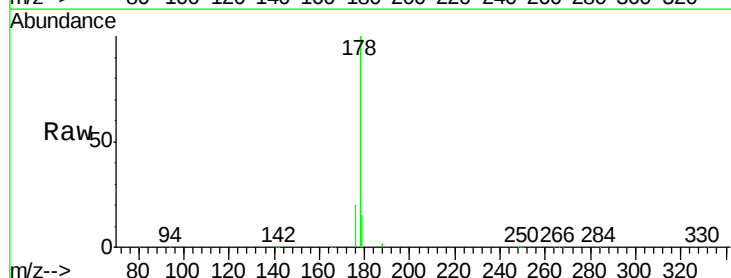


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

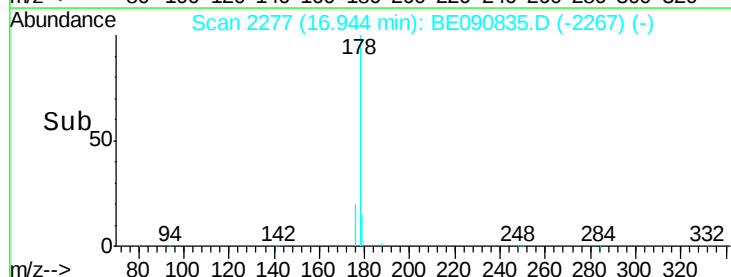
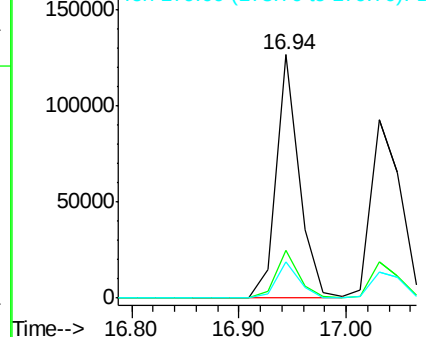


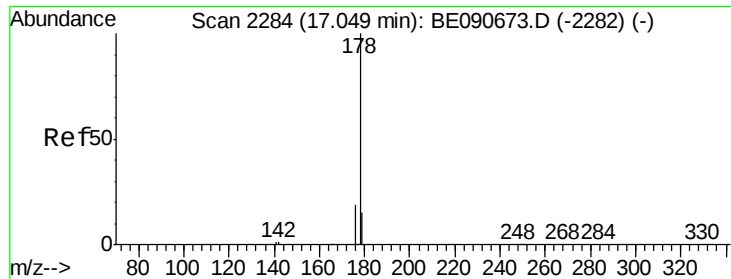
#22
 Phenanthrene
 Concen: 4.21 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE090835.D
 Acq: 15 Sep 2015 16:23

Tgt Ion: 178 Resp: 187898
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.2 12.8 19.2



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





#23

Anthracene

Concen: 4.81 ng

RT: 17.03 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

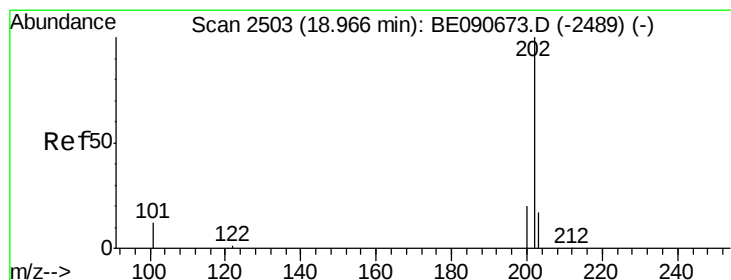
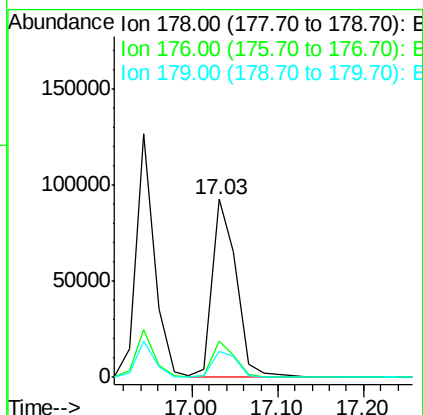
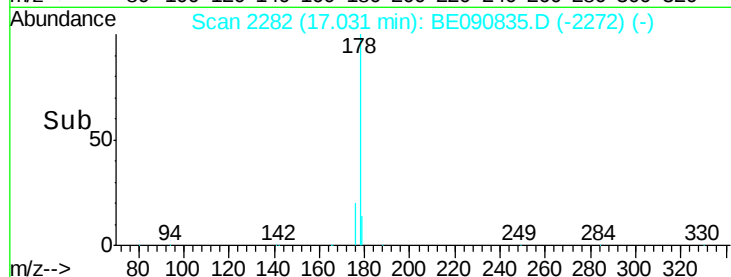
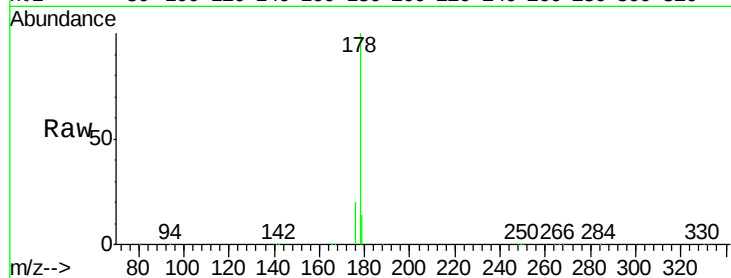
Tgt Ion:178 Resp: 179314

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.1 12.3 18.5



#24

Fluoranthene

Concen: 4.40 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

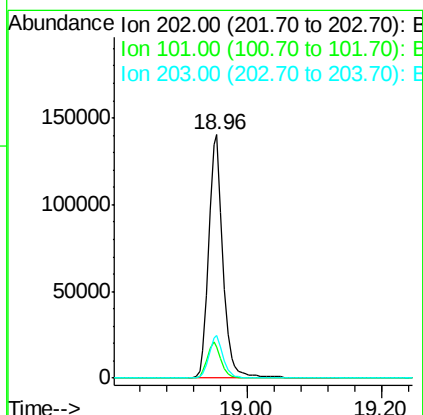
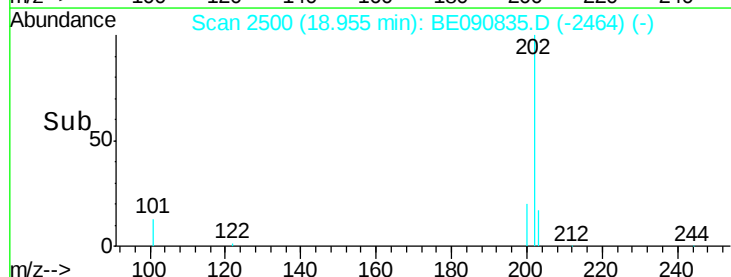
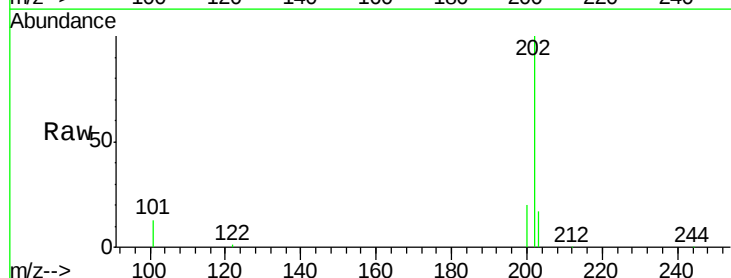
Tgt Ion:202 Resp: 206998

Ion Ratio Lower Upper

202 100

101 14.4 11.0 16.6

203 17.2 13.9 20.9





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

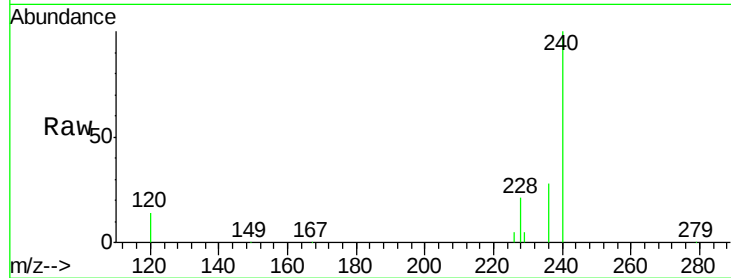
Tgt Ion:240 Resp: 243064

Ion Ratio Lower Upper

240 100

120 14.2 10.1 15.1

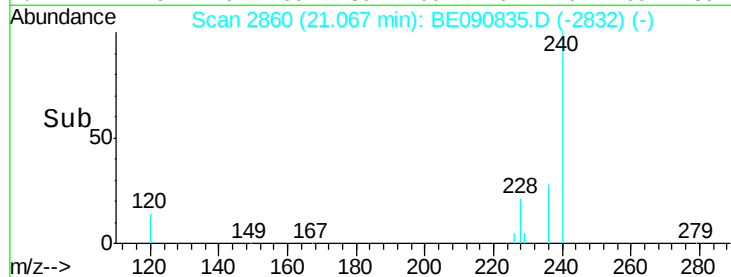
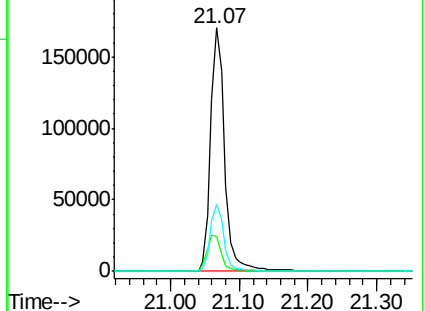
236 27.6 21.9 32.9



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



#26

Pyrene

Concen: 4.69 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

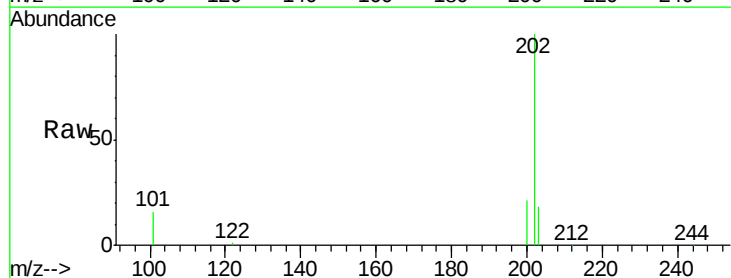
Tgt Ion:202 Resp: 235958

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

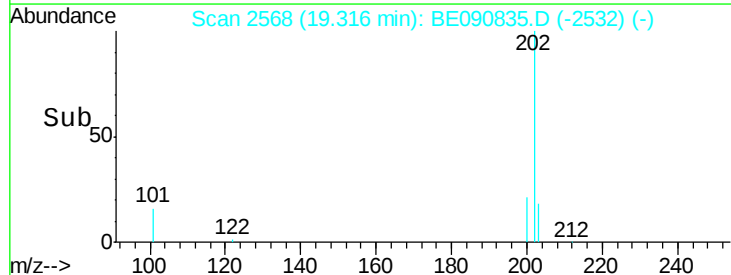
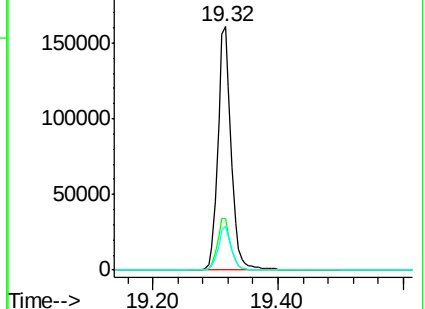
203 17.9 13.8 20.6



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





#27

Terphenyl-d14

Concen: 5.11 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

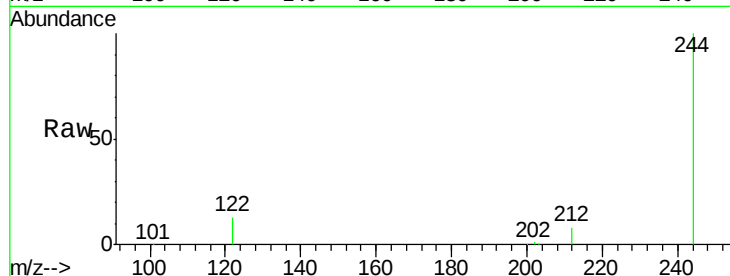
Tgt Ion:244 Resp: 137326

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

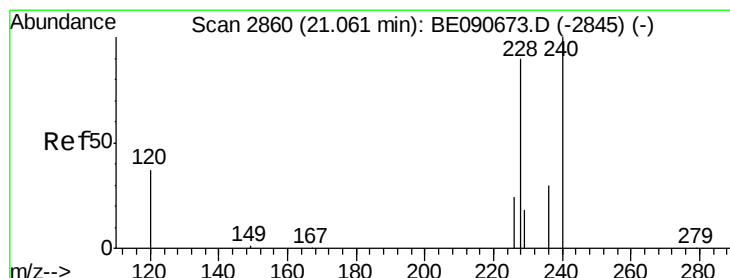
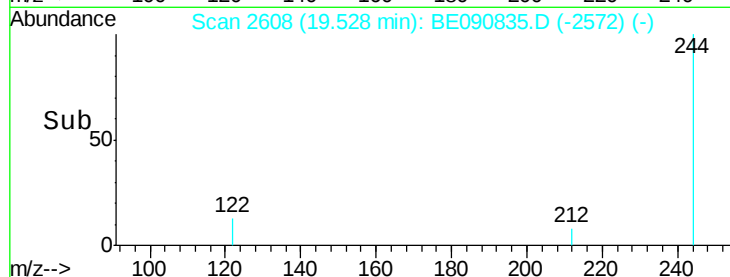
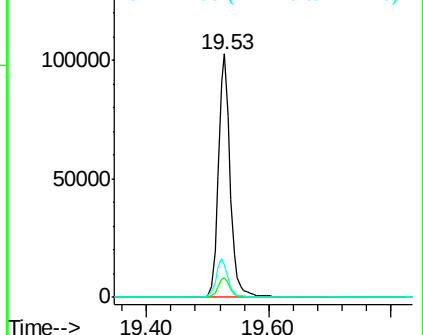
122 13.5 12.9 19.3



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



#28

Benzo(a)anthracene

Concen: 4.52 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

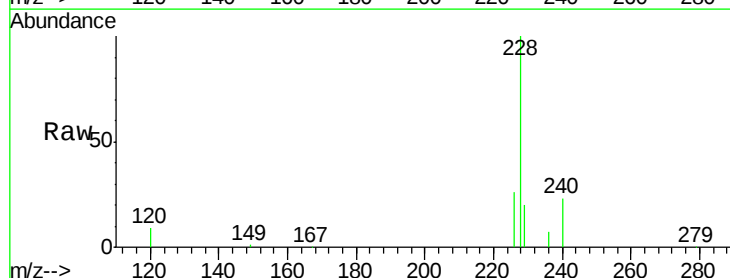
Tgt Ion:228 Resp: 240885

Ion Ratio Lower Upper

228 100

226 26.4 21.6 32.4

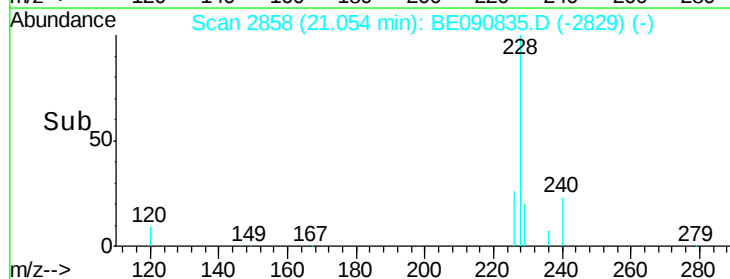
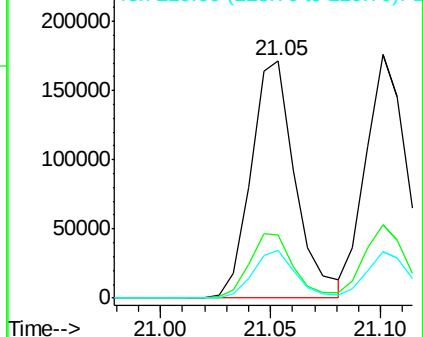
229 20.0 15.9 23.9

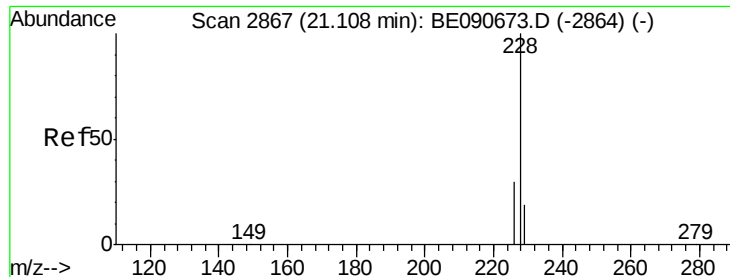


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 4.33 ng

RT: 21.10 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

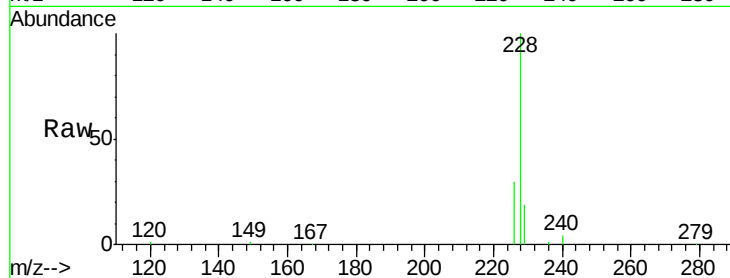
Tgt Ion:228 Resp: 243228

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

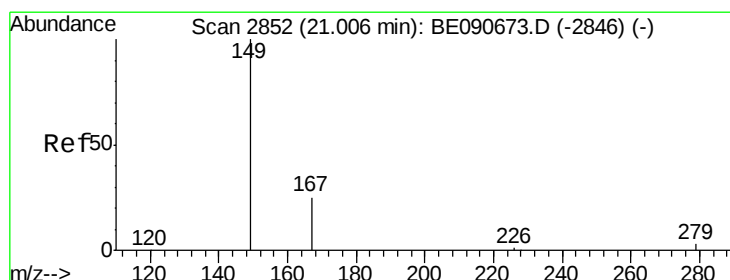
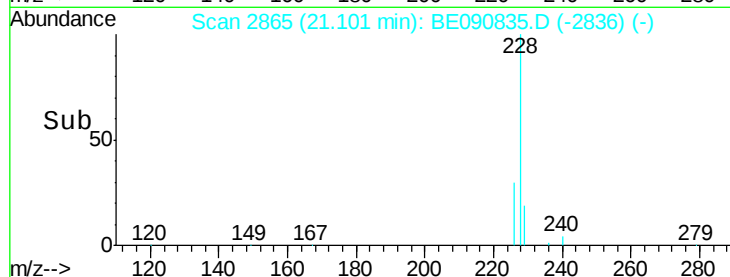
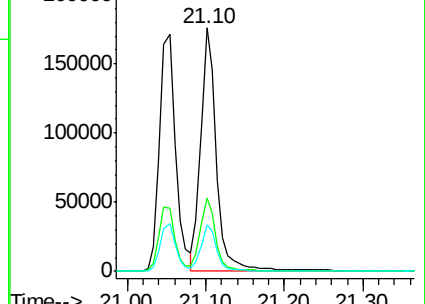
229 19.3 15.3 22.9



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.78 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

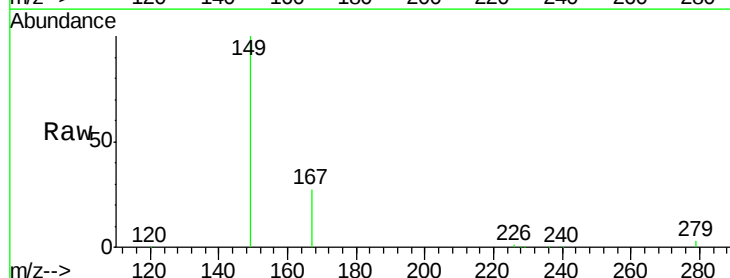
Tgt Ion:149 Resp: 64982

Ion Ratio Lower Upper

149 100

167 25.6 20.1 30.1

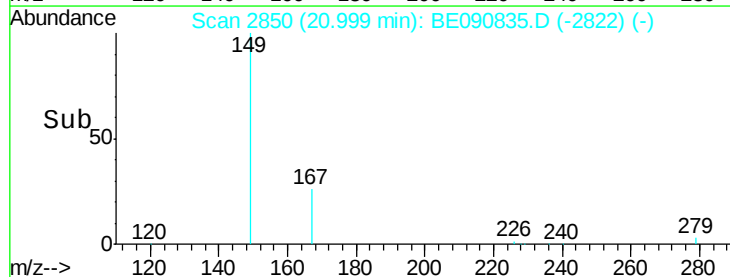
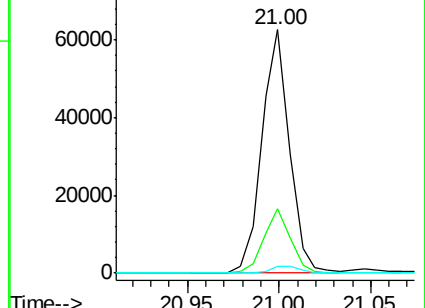
279 3.0 2.3 3.5

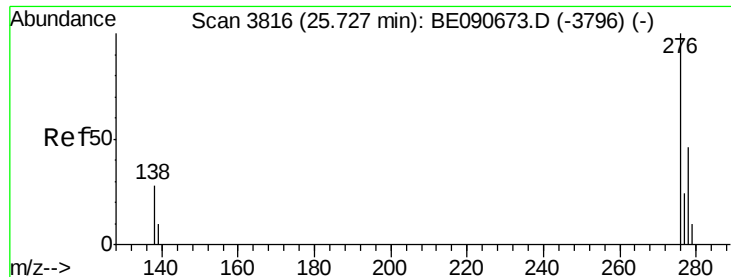


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.43 ng

RT: 25.71 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

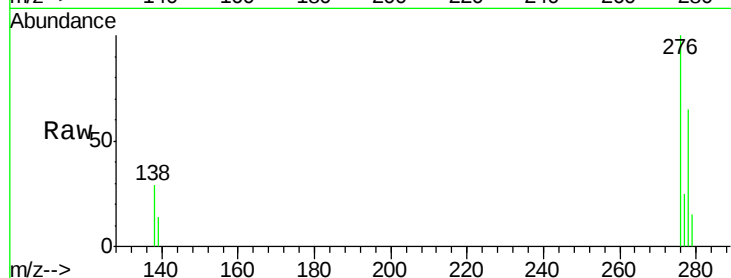
Tgt Ion: 276 Resp: 254197

Ion Ratio Lower Upper

276 100

138 30.2 23.3 34.9

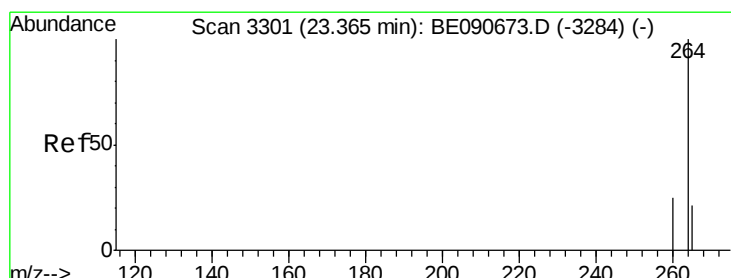
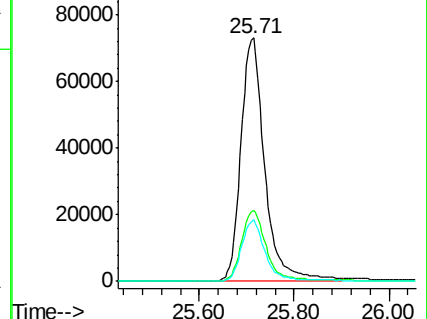
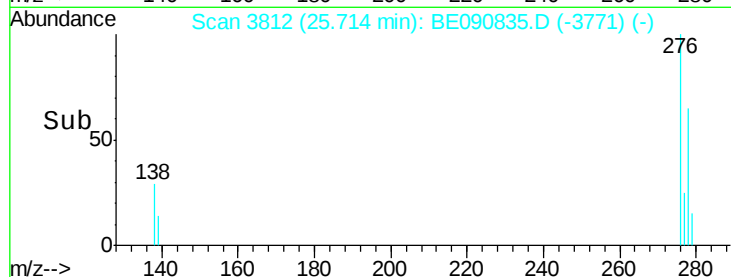
277 25.1 19.8 29.6



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3297

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

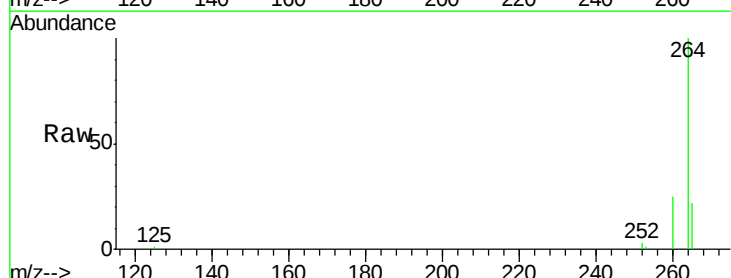
Tgt Ion: 264 Resp: 211456

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

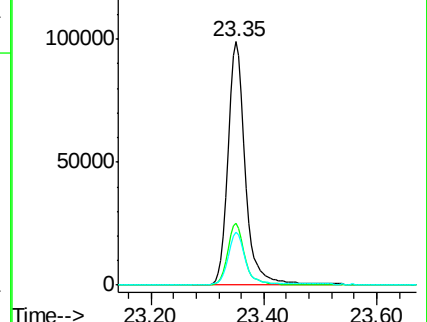
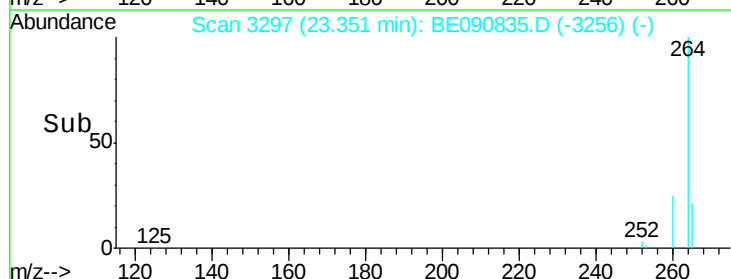
265 21.8 17.5 26.3



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





#33

Benzo(b)fluoranthene

Concen: 4.71 ng

RT: 22.65 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

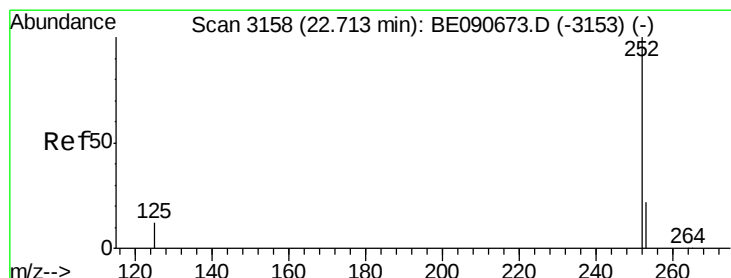
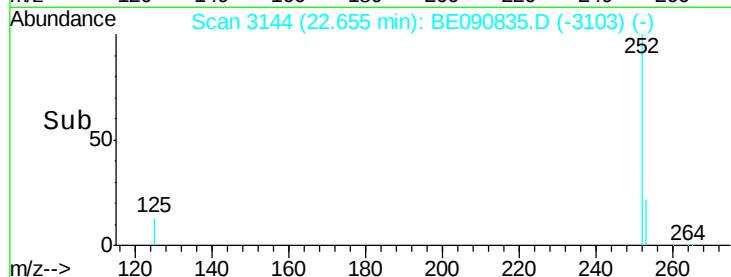
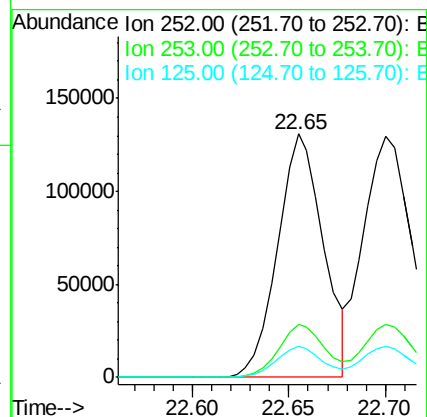
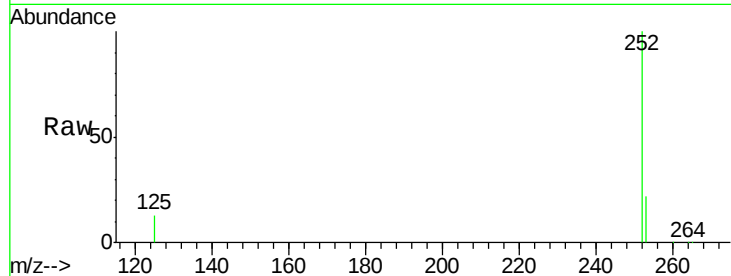
Instrument :

BNA_E

ClientSampleId :

PB85543BS

Tgt Ion:	252	Resp:	216097
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	12.7	10.6	16.0



#34

Benzo(k)fluoranthene

Concen: 4.61 ng

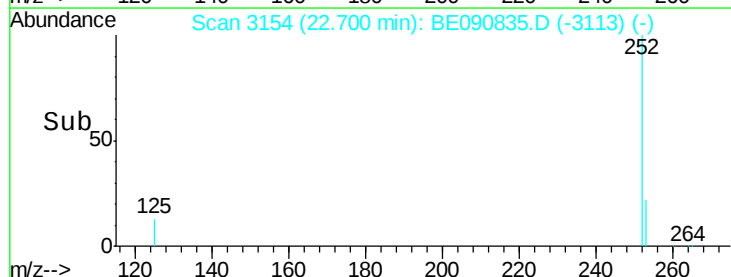
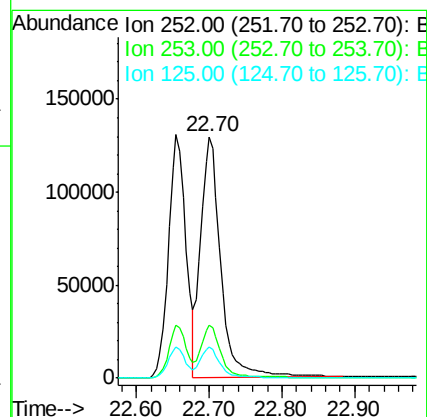
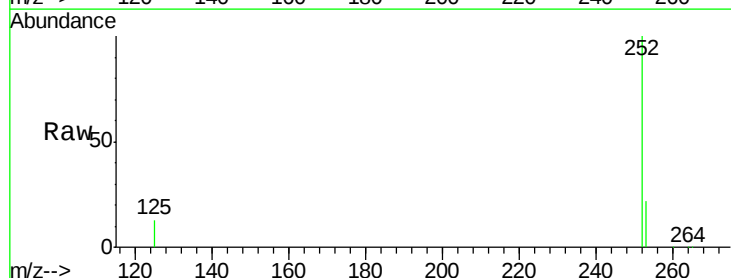
RT: 22.70 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Tgt Ion:	252	Resp:	246146
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	12.9	10.1	15.1





#35

Benzo(a)pyrene

Concen: 4.97 ng

RT: 23.25 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS

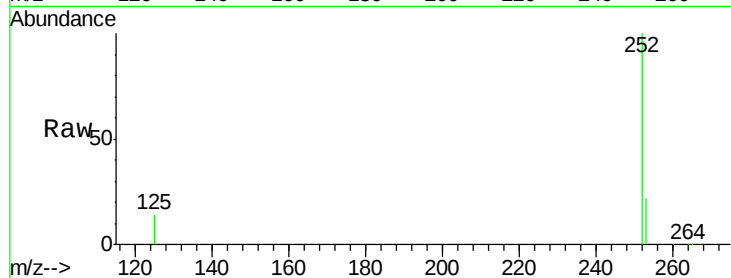
Tgt Ion:252 Resp: 203881

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

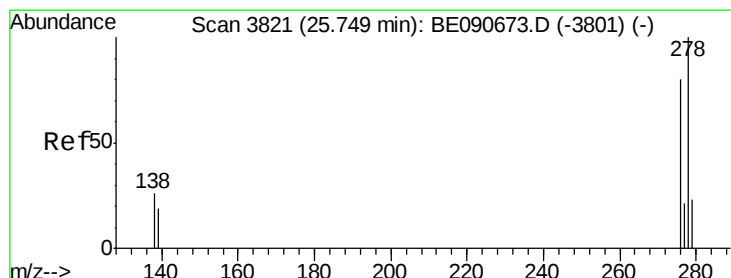
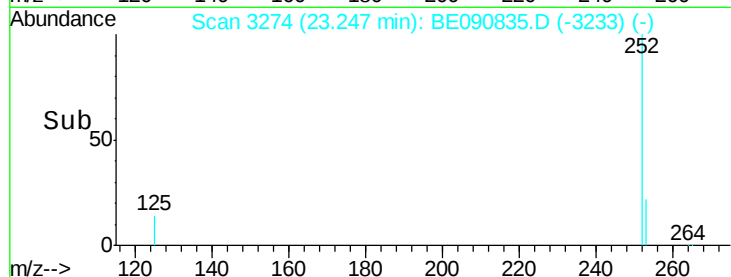
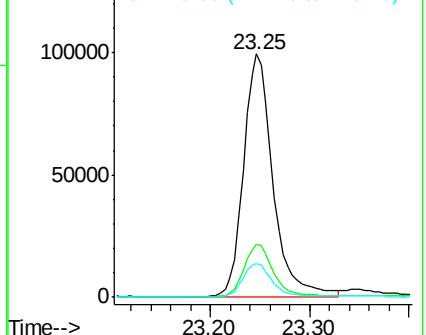
125 14.1 11.6 17.4



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



#36

Dibenzo(a,h)anthracene

Concen: 4.20 ng

RT: 25.73 min Scan# 3816

Delta R.T. -0.02 min

Lab File: BE090835.D

Acq: 15 Sep 2015 16:23

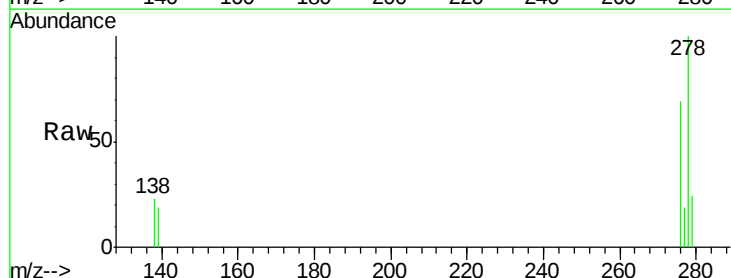
Tgt Ion:278 Resp: 208735

Ion Ratio Lower Upper

278 100

139 19.0 15.4 23.0

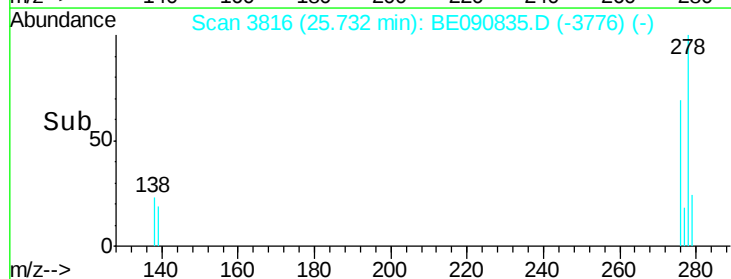
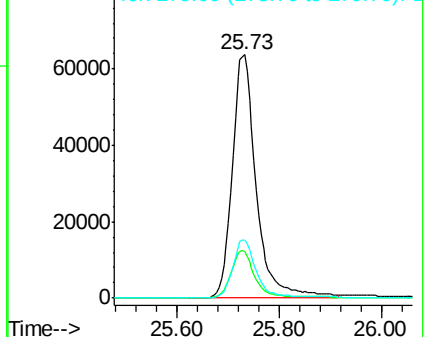
279 23.9 18.8 28.2



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





#37

Benzo(g,h,i)perylene

Concen: 4.59 ng

RT: 26.43 min Scan# 3970

Delta R.T. -0.02 min

Lab File: BE090835.D

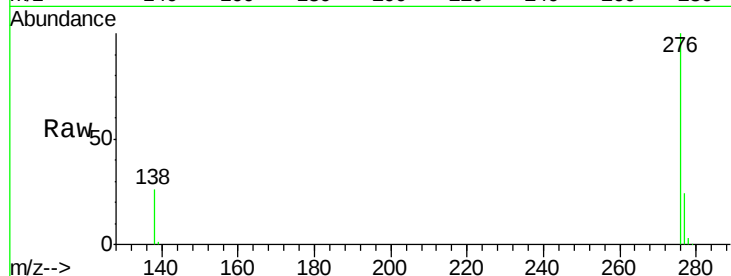
Acq: 15 Sep 2015 16:23

Instrument :

BNA_E

ClientSampleId :

PB85543BS



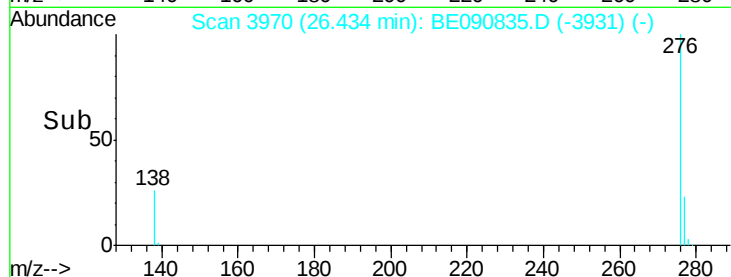
Tgt Ion: 276 Resp: 216644

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 26.4 20.1 30.1



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

