

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
 Data File : BE090683.D
 Acq On : 2 Sep 2015 1:23
 Operator : UM/IZ
 Sample : PB85250BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85250BS

Quant Time: Sep 02 12:16:55 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	61656	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	287265	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	151867	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	359434	5.00	ng	0.00
25) Chrysene-d12	21.07	240	464823	5.00	ng	0.00
32) Perylene-d12	23.36	264	427016	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	97568	8.12	ng	0.00
5) Phenol-d6	6.74	99	149159	8.69	ng	0.00
7) Nitrobenzene-d5	8.69	82	73513	3.87	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	43099	9.63	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	144241	3.43	ng	0.00
27) Terphenyl-d14	19.53	244	257390	5.00	ng	0.00

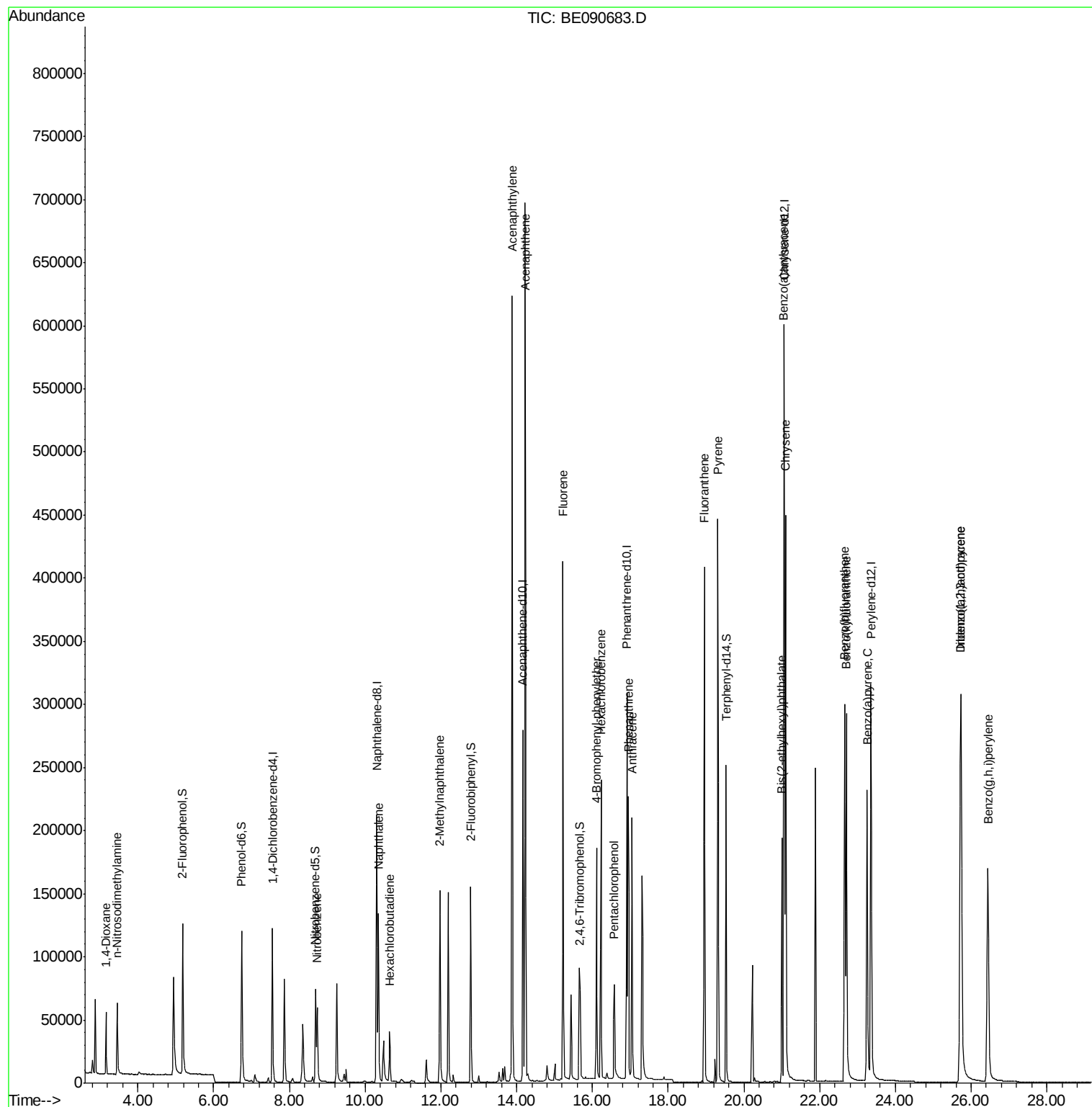
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	25412	3.10	ng	98
3) n-Nitrosodimethylamine	3.45	42	33781	3.06	ng	# 90
8) Nitrobenzene	8.73	77	72704	3.16	ng	98
9) Naphthalene	10.36	128	185588	2.96	ng	99
10) Hexachlorobutadiene	10.65	225	27926	2.85	ng	98
11) 2-Methylnaphthalene	11.97	142	120123	3.54	ng	99
15) Acenaphthylene	13.88	152	818188	3.37	ng	100
16) Acenaphthene	14.23	154	128237	3.16	ng	92
17) Fluorene	15.22	166	171915	3.40	ng	96
19) 4-Bromophenyl-phenylether	16.11	248	44047	3.59	ng	96
20) Hexachlorobenzene	16.23	284	212640	3.60	ng	97
21) Pentachlorophenol	16.58	266	45313	9.02	ng	95
22) Phenanthrene	16.94	178	297287	3.34	ng	99
23) Anthracene	17.05	178	290677	3.91	ng	100
24) Fluoranthene	18.96	202	357685	3.81	ng	99
26) Pyrene	19.32	202	399176	4.15	ng	99
28) Benzo(a)anthracene	21.05	228	391957	3.84	ng	99
29) Chrysene	21.11	228	393965	3.65	ng	98
30) Bis(2-ethylhexyl)phthalate	21.00	149	170074	4.87	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	428802	3.90	ng	99
33) Benzo(b)fluoranthene	22.66	252	362280	3.91	ng	99
34) Benzo(k)fluoranthene	22.71	252	412247	3.82	ng	99
35) Benzo(a)pyrene	23.25	252	348415	4.21	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	354571	3.55	ng	100
37) Benzo(g,h,i)perylene	26.44	276	362648	3.81	ng	98

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
Data File : BE090683.D
Acq On : 2 Sep 2015 1:23
Operator : UM/IZ
Sample : PB85250BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85250BS

Quant Time: Sep 02 12:16:55 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# 838

Delta R.T. -0.00 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

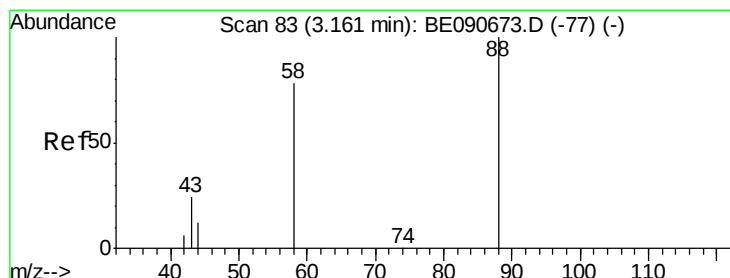
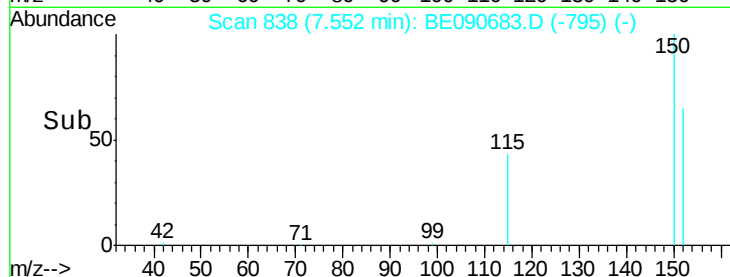
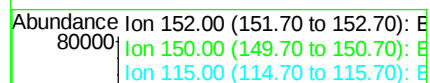
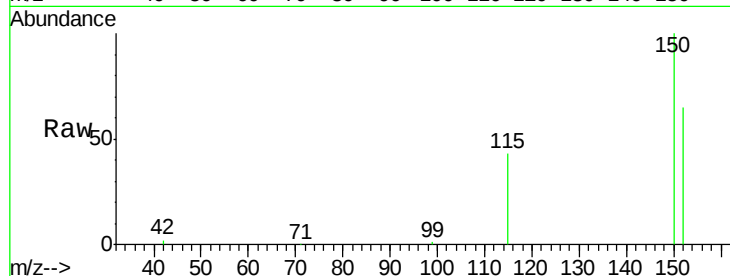
Tgt Ion: 152 Resp: 61656

Ion Ratio Lower Upper

152 100

150 153.1 122.2 183.4

115 66.0 51.0 76.4



#2

1,4-Dioxane

Concen: 3.10 ng

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

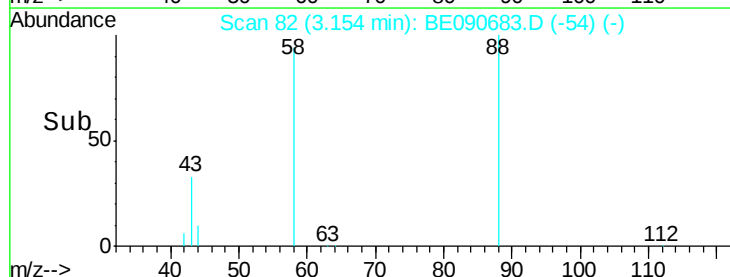
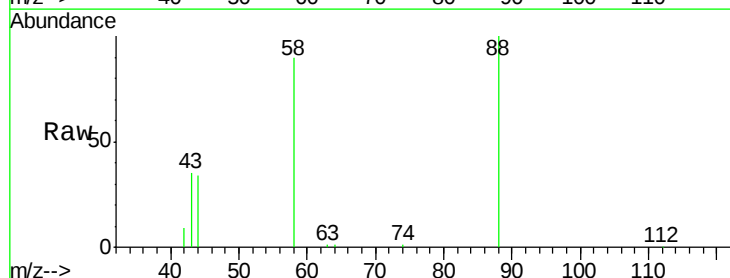
Tgt Ion: 88 Resp: 25412

Ion Ratio Lower Upper

88 100

58 88.2 68.4 102.6

43 34.3 26.9 40.3





#3

n-Nitrosodimethylamine

Concen: 3.06 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

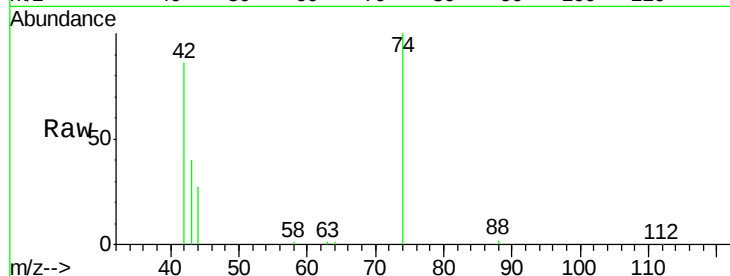
Tgt Ion: 42 Resp: 33781

Ion Ratio Lower Upper

42 100

74 114.2 83.7 125.5

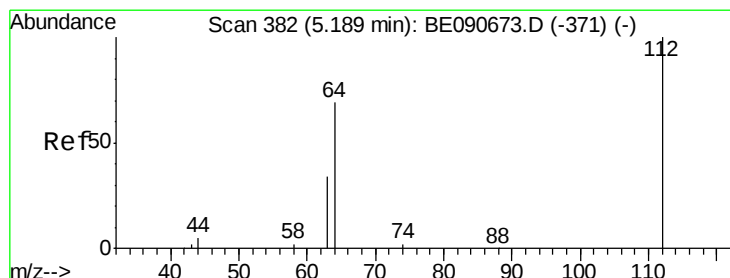
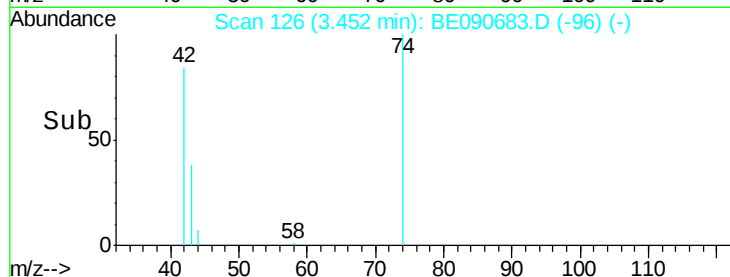
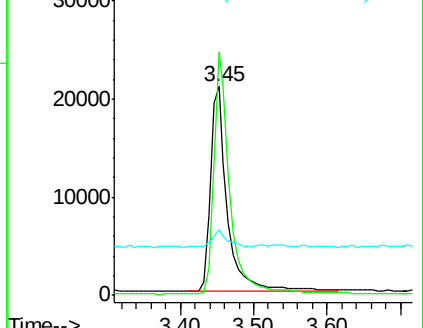
44 8.3 10.0 15.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 8.12 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

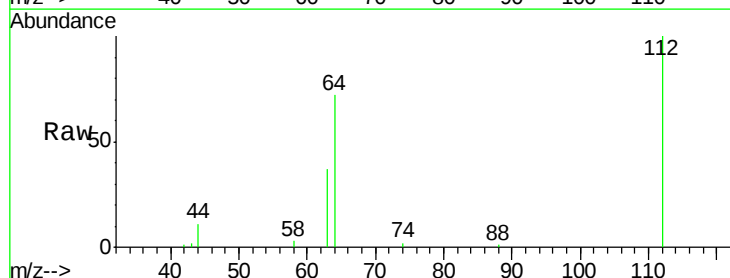
Tgt Ion: 112 Resp: 97568

Ion Ratio Lower Upper

112 100

64 71.0 57.3 85.9

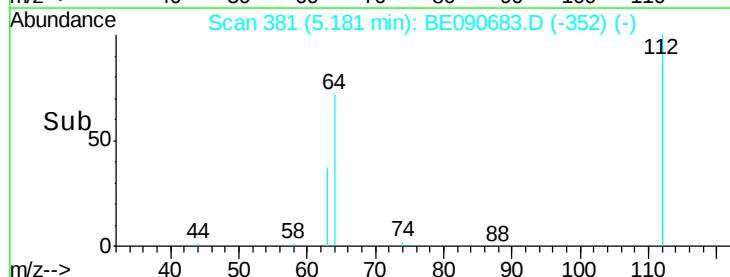
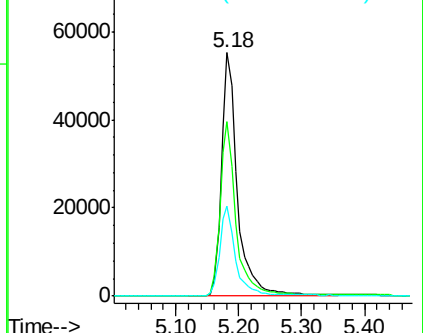
63 36.5 29.2 43.8

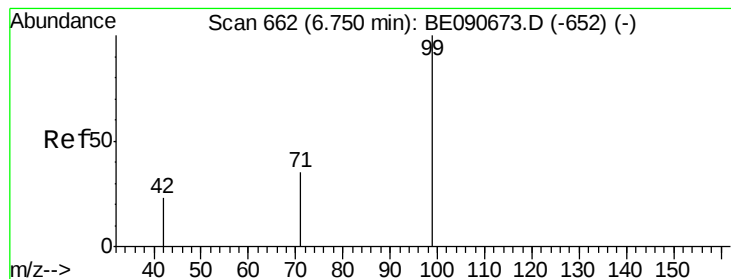


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.69 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

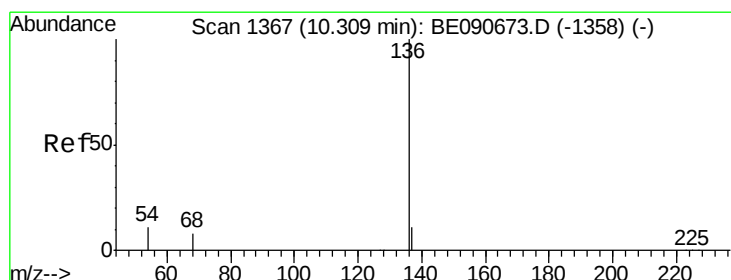
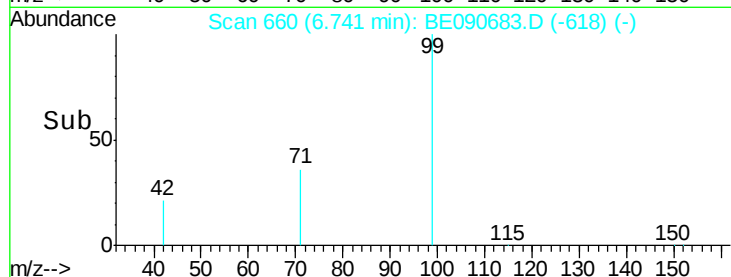
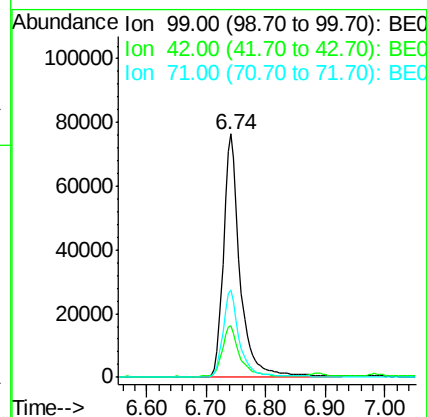
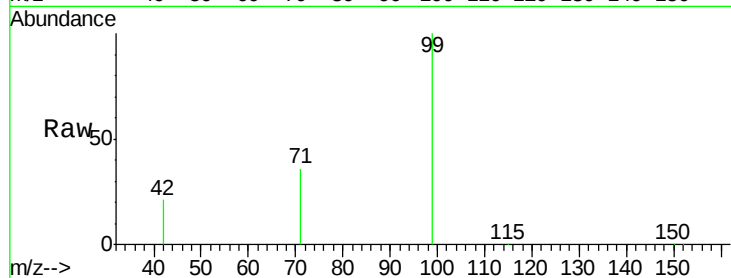
Tgt Ion: 99 Resp: 149159

Ion Ratio Lower Upper

99 100

42 21.5 16.8 25.2

71 35.9 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Tgt Ion: 136 Resp: 287265

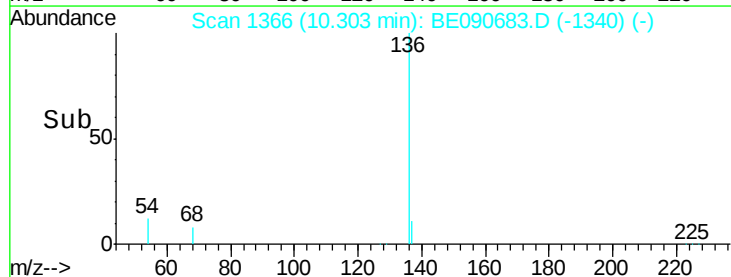
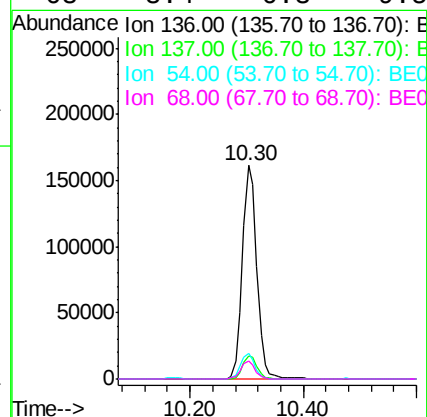
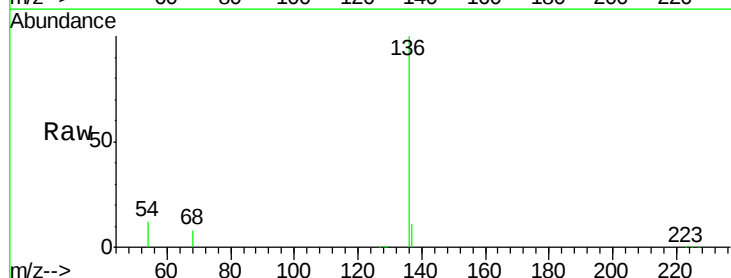
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.9 9.0 13.6

68 8.4 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.87 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

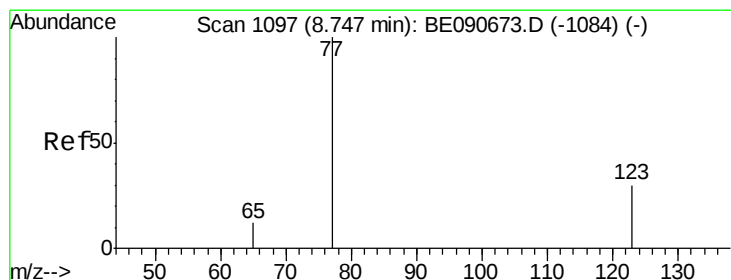
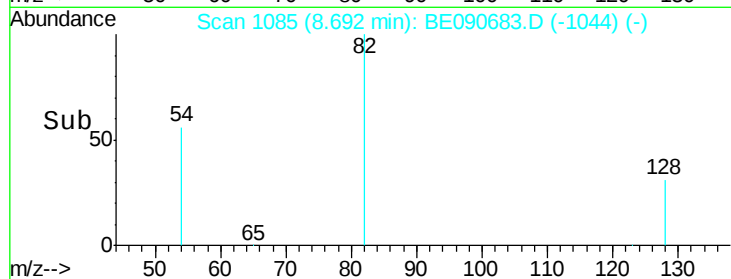
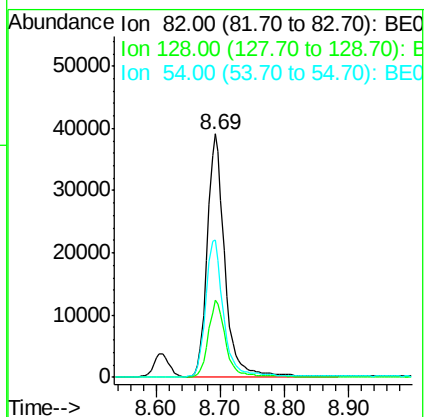
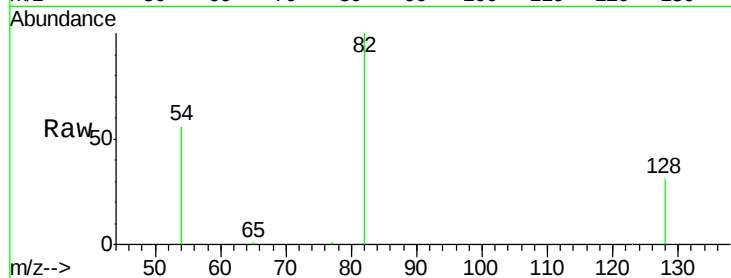
Tgt Ion: 82 Resp: 73513

Ion Ratio Lower Upper

82 100

128 31.5 25.0 37.4

54 56.2 46.3 69.5



#8

Nitrobenzene

Concen: 3.16 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

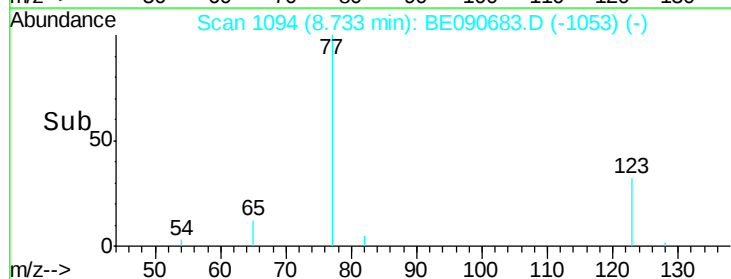
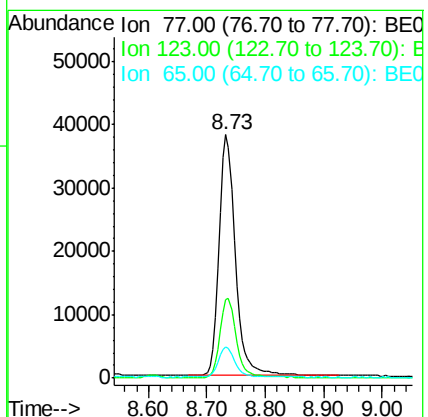
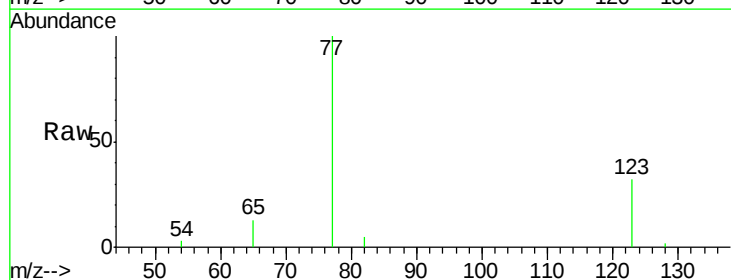
Tgt Ion: 77 Resp: 72704

Ion Ratio Lower Upper

77 100

123 33.1 25.1 37.7

65 12.7 9.9 14.9





#9

Naphthalene

Concen: 2.96 ng

RT: 10.36 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

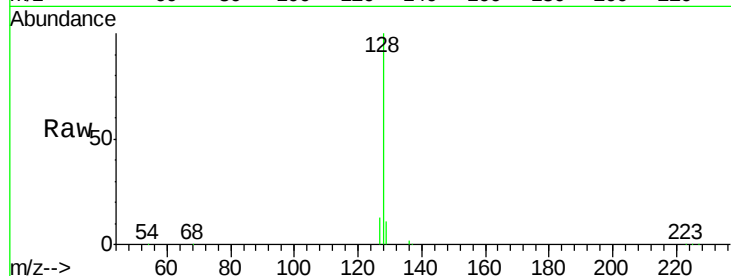
Tgt Ion:128 Resp: 185588

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

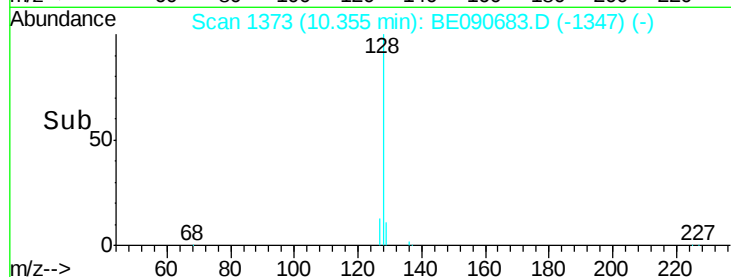
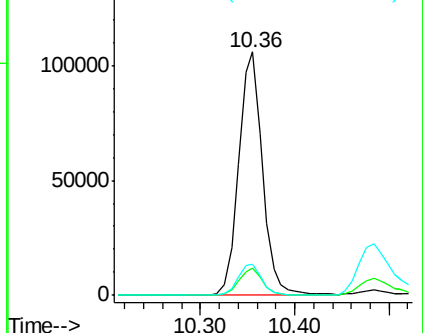
127 12.9 10.6 15.8



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: 2.85 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

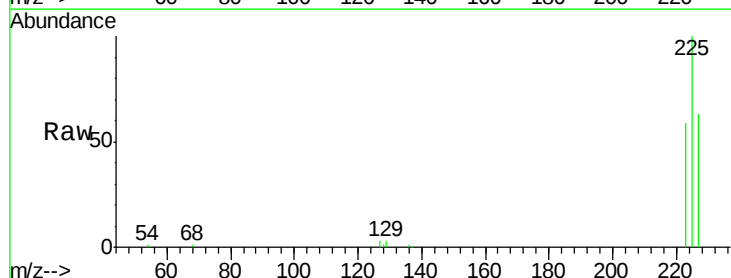
Tgt Ion:225 Resp: 27926

Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

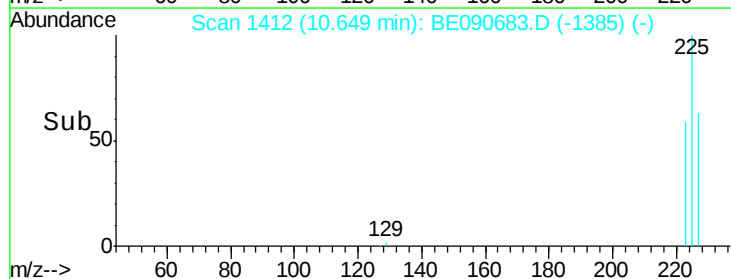
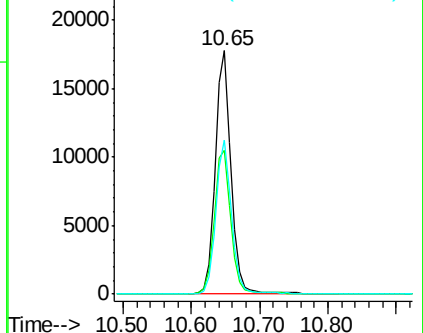
227 62.6 51.0 76.6



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

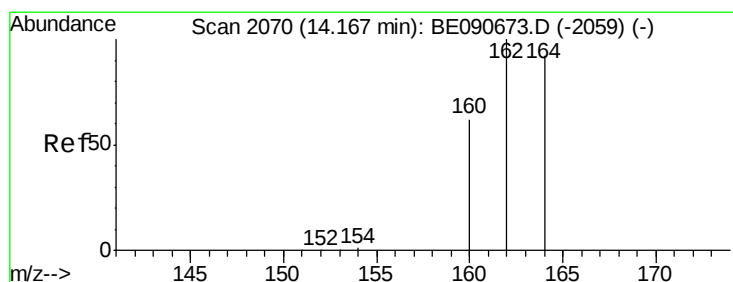
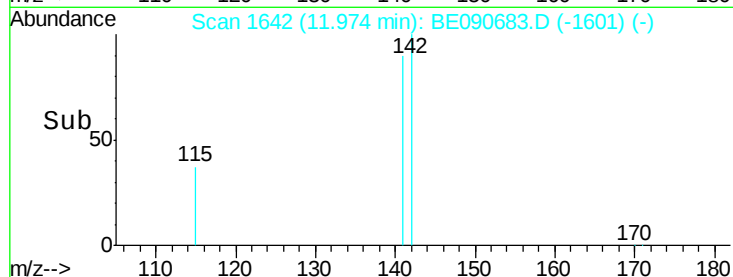
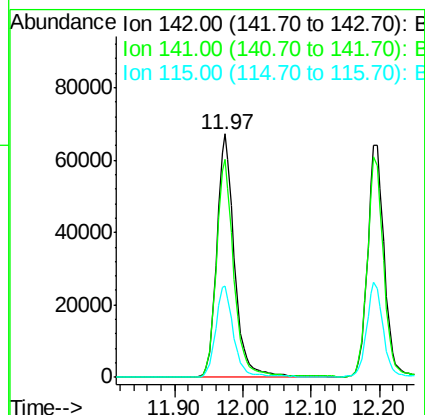
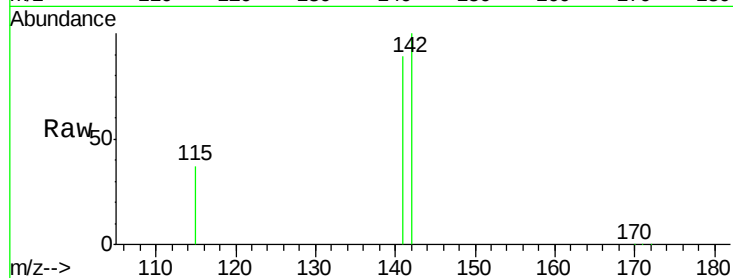




#11
2-Methylnaphthalene
Concen: 3.54 ng
RT: 11.97 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

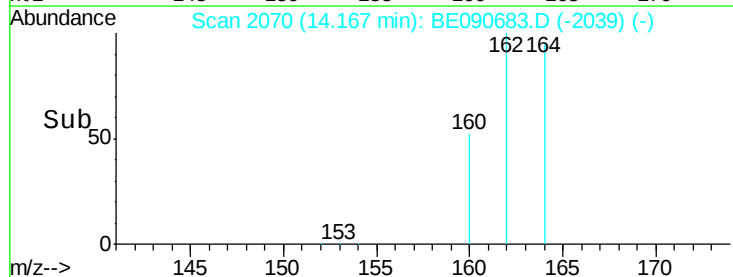
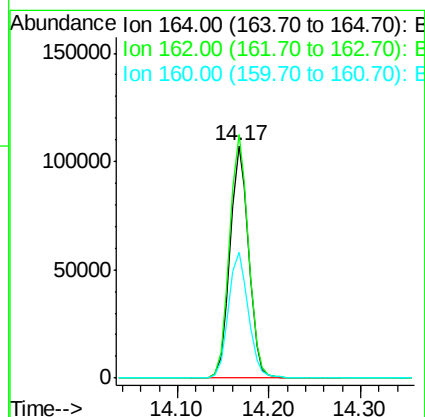
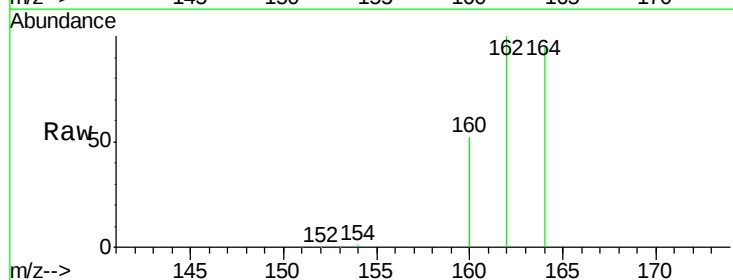
Instrument :
BNA_E
ClientSampleId :
PB85250BS

Tgt Ion:142 Resp: 120123
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 37.4 31.0 46.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:164 Resp: 151867
Ion Ratio Lower Upper
164 100
162 104.8 86.8 130.2
160 54.1 53.9 80.9

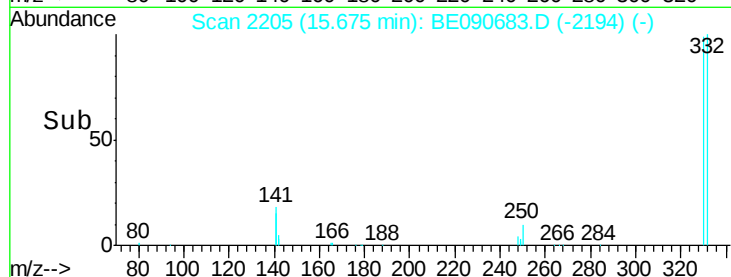
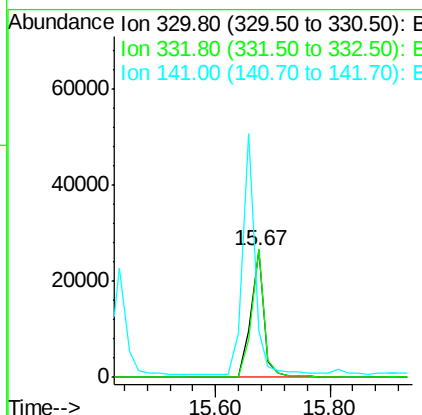
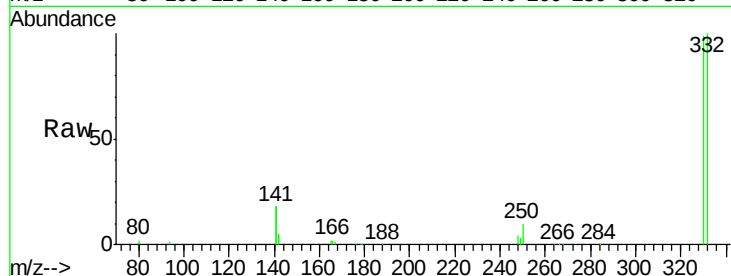




#13
 2,4,6-Tribromophenol
 Concen: 9.63 ng
 RT: 15.67 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE090683.D
 Acq: 2 Sep 2015 1:23

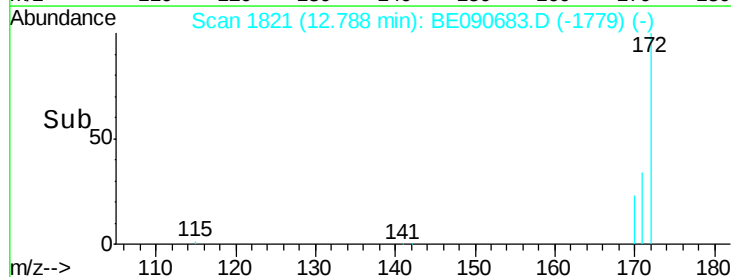
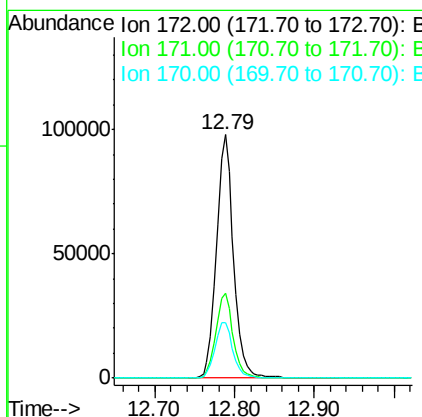
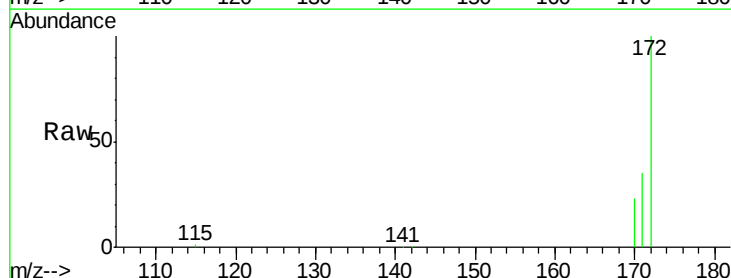
Instrument :
 BNA_E
 ClientSampleId :
 PB85250BS

Tgt Ion:330 Resp: 43099
 Ion Ratio Lower Upper
 330 100
 332 96.6 74.9 112.3
 141 173.5 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.43 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090683.D
 Acq: 2 Sep 2015 1:23

Tgt Ion:172 Resp: 144241
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.8 41.8
 170 23.0 19.8 29.6





#15

Acenaphthylene

Concen: 3.37 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

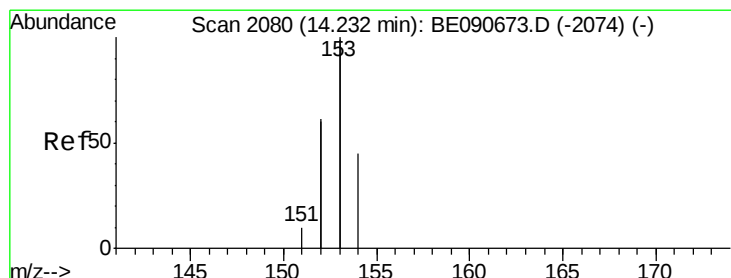
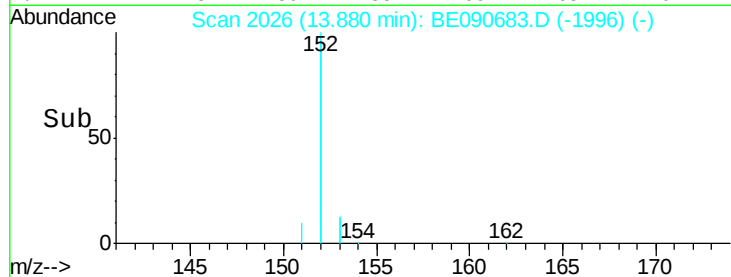
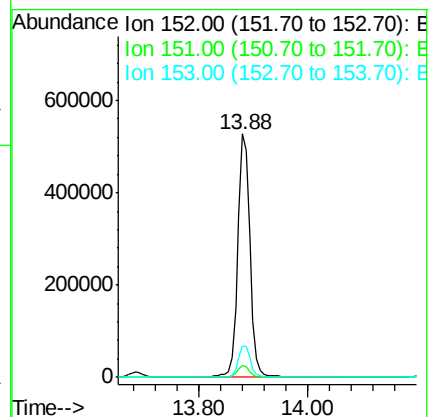
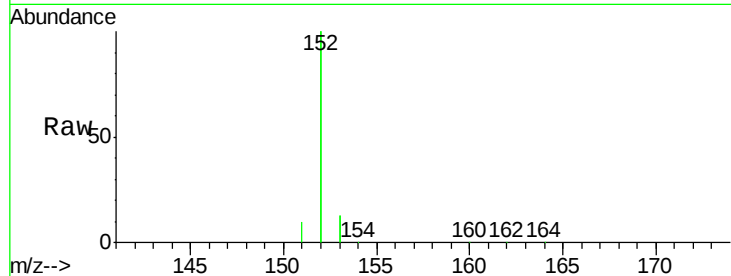
Tgt Ion:152 Resp: 818188

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.1 10.3 15.5



#16

Acenaphthene

Concen: 3.16 ng

RT: 14.23 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

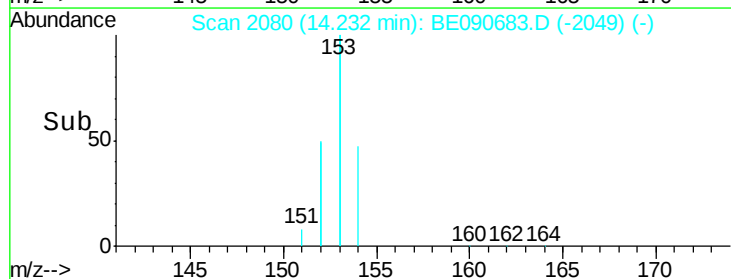
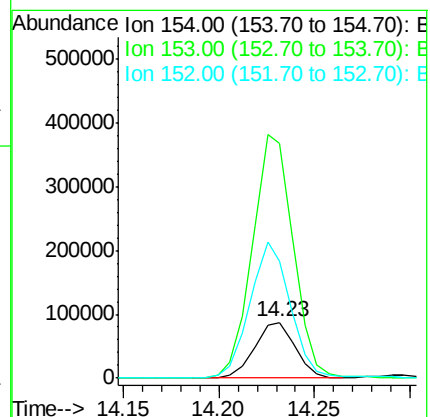
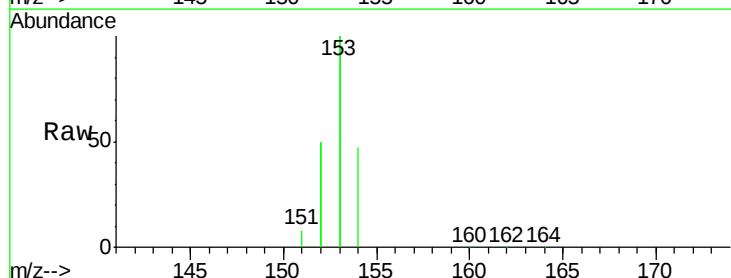
Tgt Ion:154 Resp: 128237

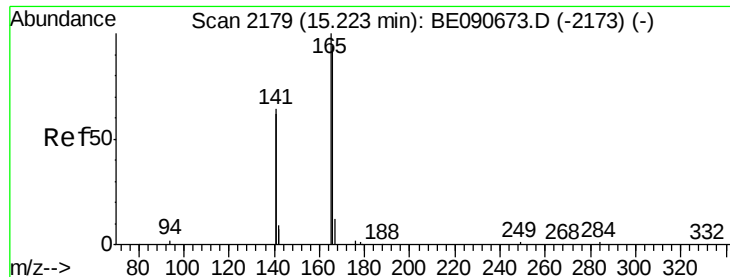
Ion Ratio Lower Upper

154 100

153 443.5 354.5 531.7

152 244.5 227.8 341.6

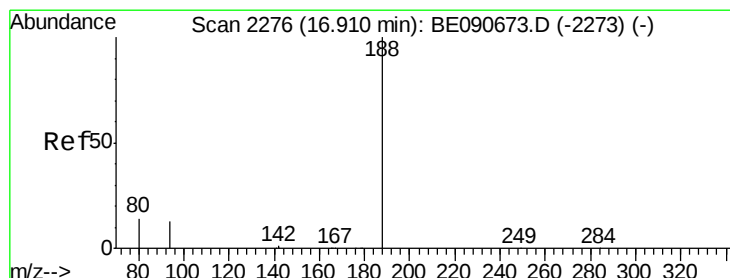
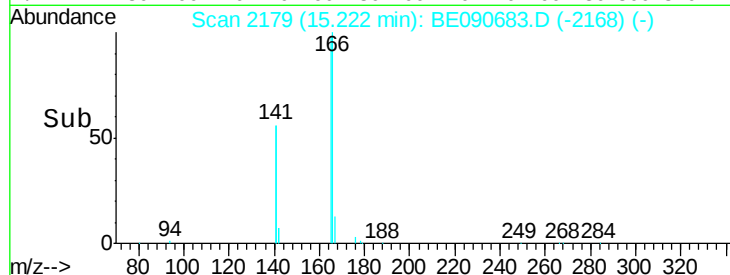
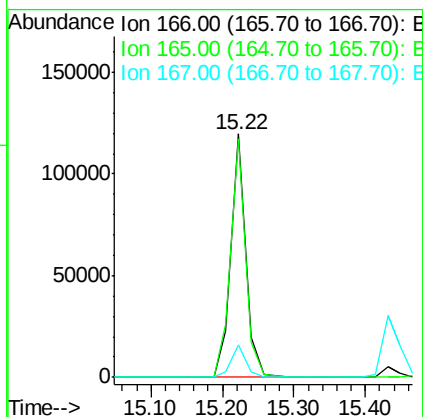
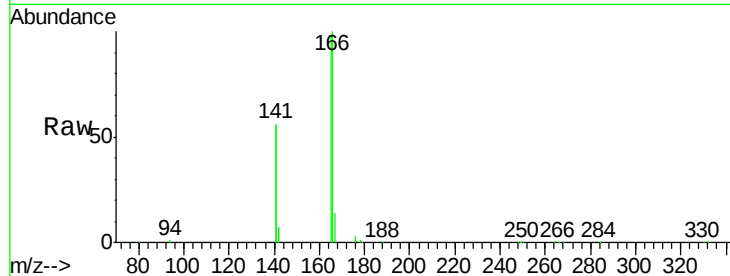




#17
Fluorene
 Concen: 3.40 ng
 RT: 15.22 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090683.D
 Acq: 2 Sep 2015 1:23

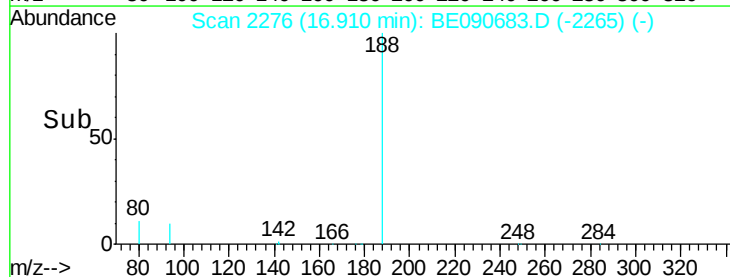
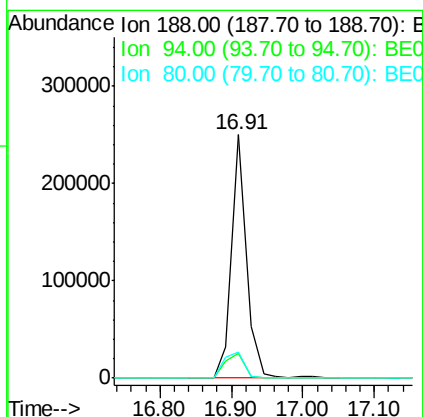
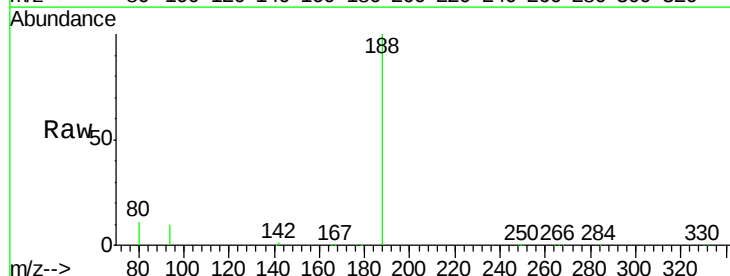
Instrument :
 BNA_E
 ClientSampleId :
 PB85250BS

Tgt Ion:166 Resp: 171915
 Ion Ratio Lower Upper
 166 100
 165 99.0 82.7 124.1
 167 13.6 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BE090683.D
 Acq: 2 Sep 2015 1:23

Tgt Ion:188 Resp: 359434
 Ion Ratio Lower Upper
 188 100
 94 10.1 10.3 15.5#
 80 10.8 11.0 16.6#





#19

4-Bromophenyl-phenylether

Concen: 3.59 ng

RT: 16.11 min Scan# 2230

Delta R.T. -0.02 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

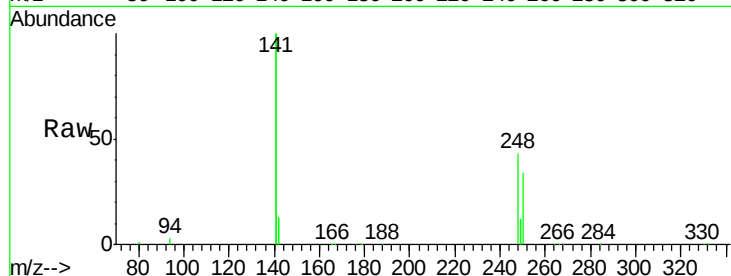
Tgt Ion:248 Resp: 44047

Ion Ratio Lower Upper

248 100

250 95.8 76.7 115.1

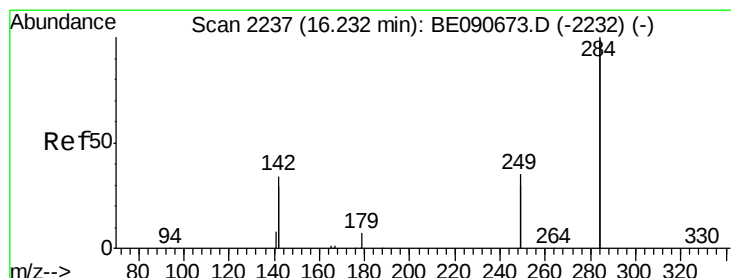
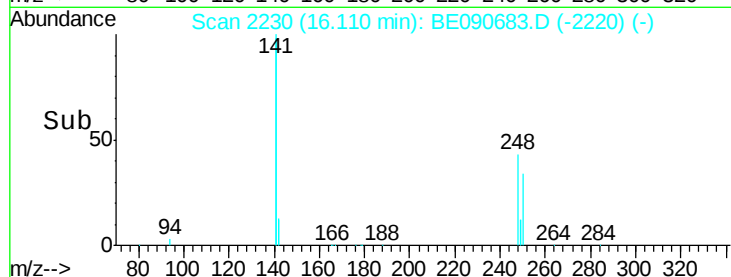
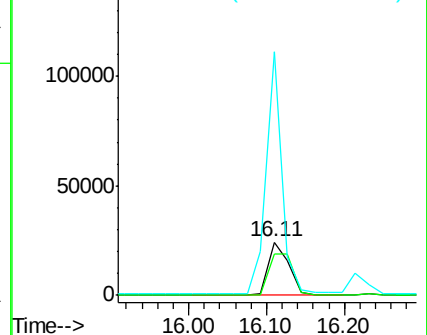
141 355.7 292.6 439.0



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: 3.60 ng

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

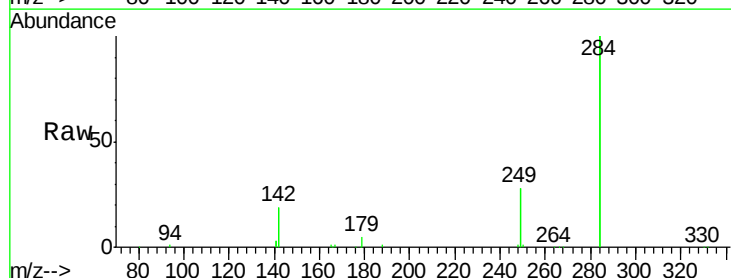
Tgt Ion:284 Resp: 212640

Ion Ratio Lower Upper

284 100

142 40.6 35.0 52.4

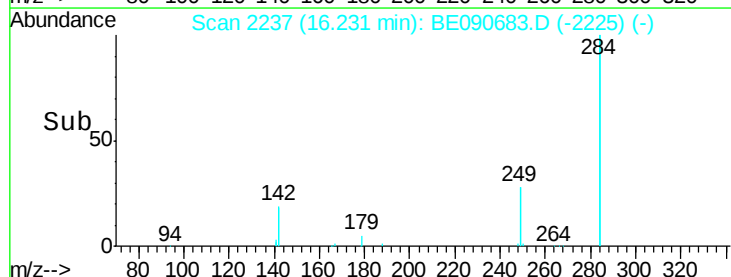
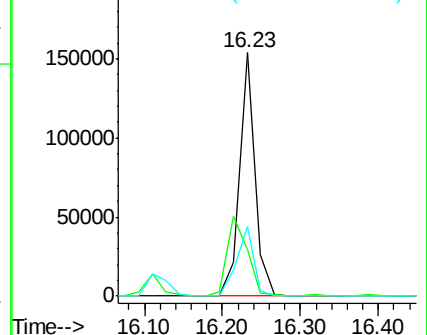
249 30.9 25.5 38.3

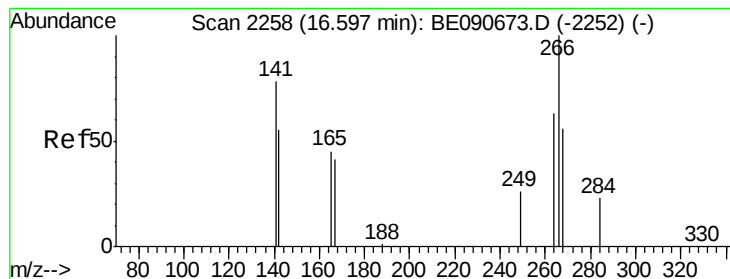


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 9.02 ng

RT: 16.58 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

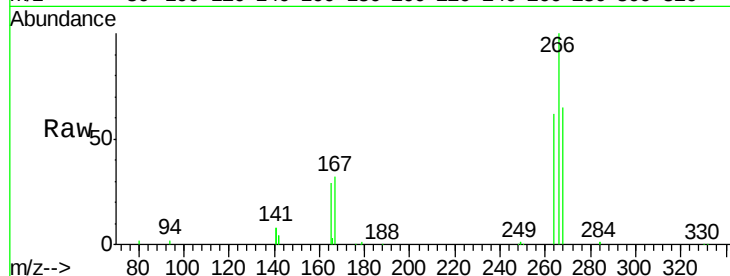
Tgt Ion:266 Resp: 45313

Ion Ratio Lower Upper

266 100

268 65.2 49.6 74.4

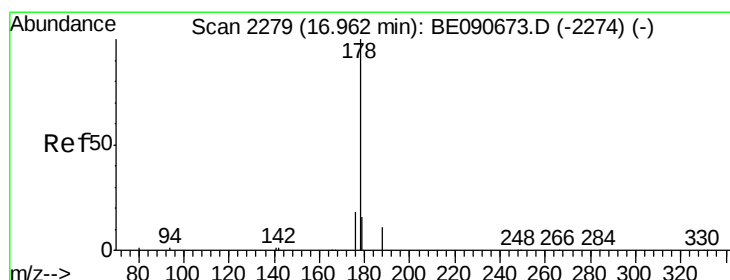
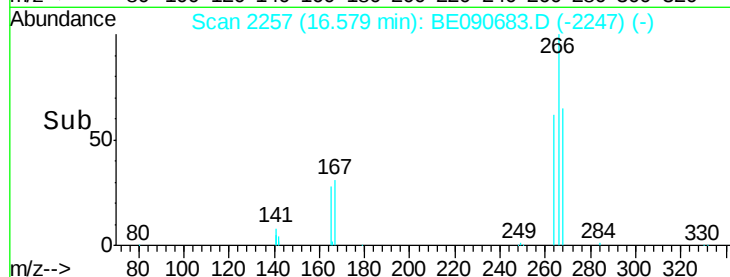
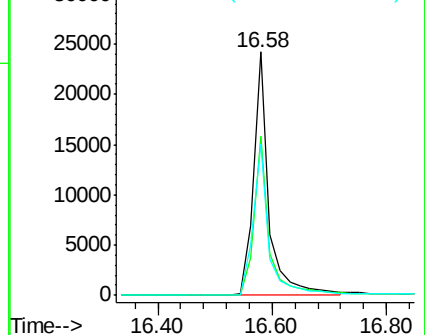
264 62.1 53.9 80.9



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: 3.34 ng

RT: 16.94 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

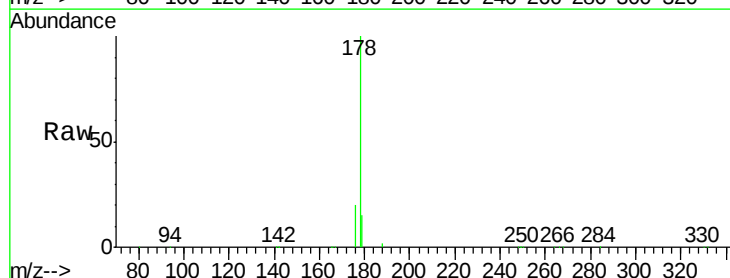
Tgt Ion:178 Resp: 297287

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

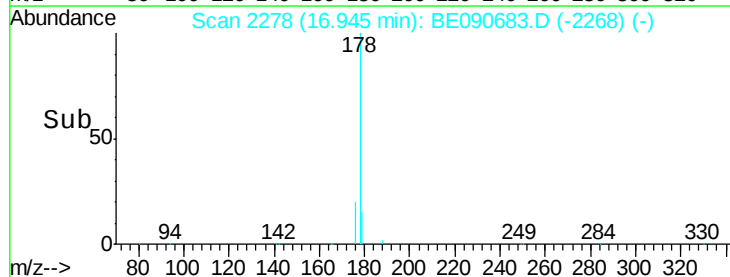
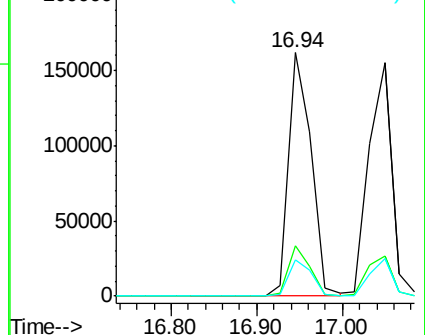
179 15.4 12.8 19.2



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: 3.91 ng

RT: 17.05 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

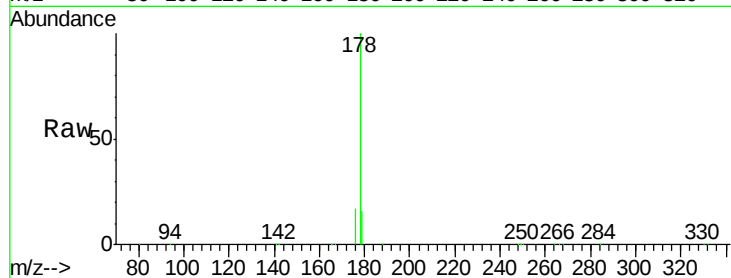
Tgt Ion:178 Resp: 290677

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

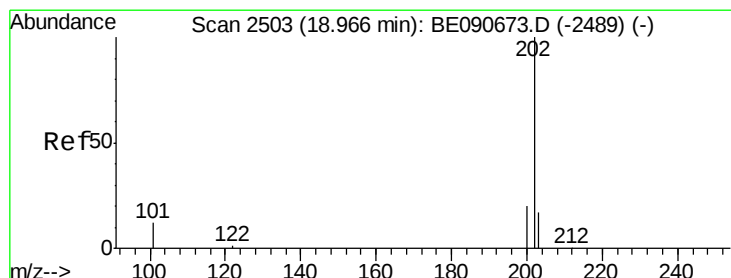
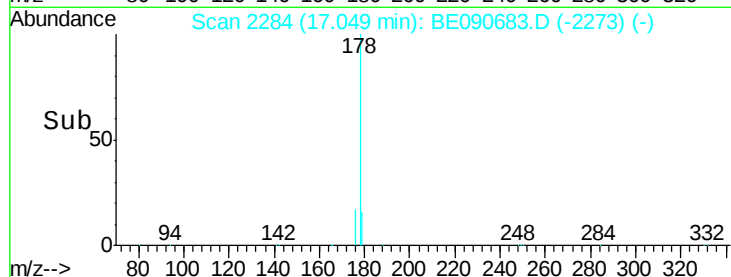
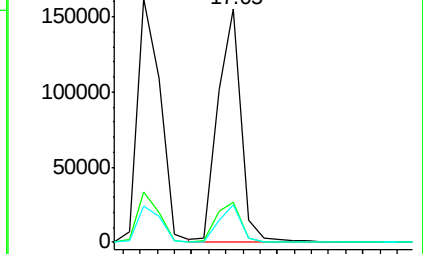
179 15.4 12.3 18.5



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



#24

Fluoranthene

Concen: 3.81 ng

RT: 18.96 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

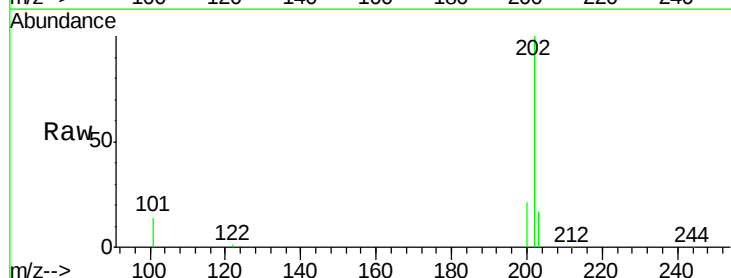
Tgt Ion:202 Resp: 357685

Ion Ratio Lower Upper

202 100

101 14.4 11.0 16.6

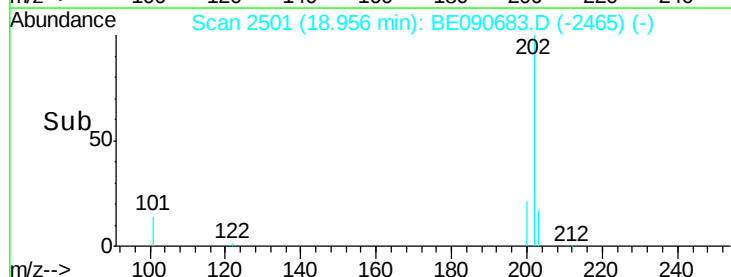
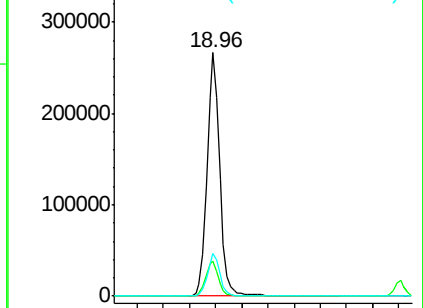
203 17.2 13.9 20.9



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





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

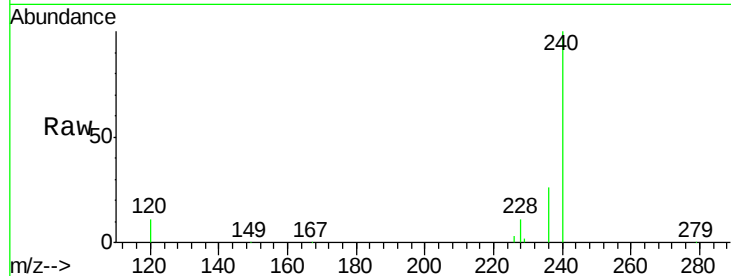
Tgt Ion:240 Resp: 464823

Ion Ratio Lower Upper

240 100

120 10.6 10.1 15.1

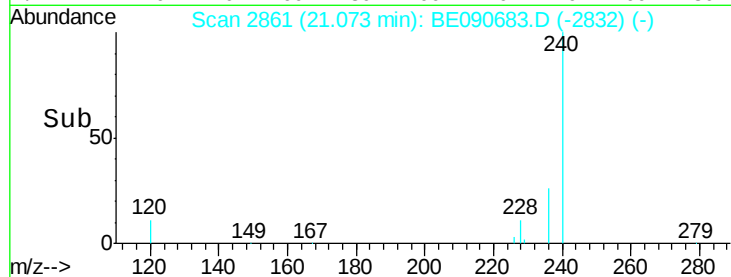
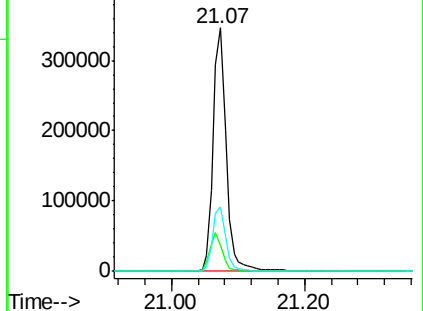
236 26.3 21.9 32.9



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: 4.15 ng

RT: 19.32 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

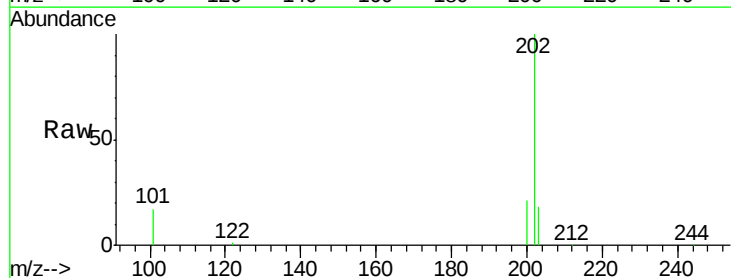
Tgt Ion:202 Resp: 399176

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

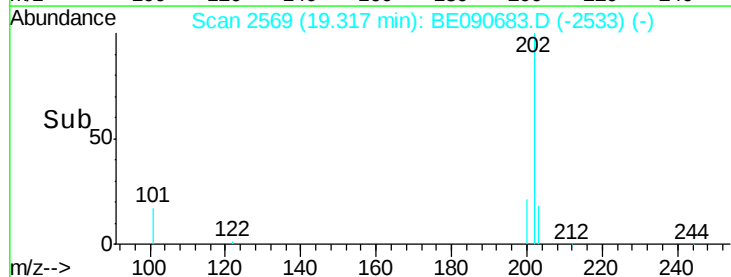
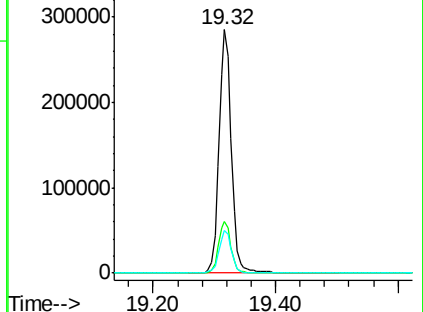
203 18.0 13.8 20.6

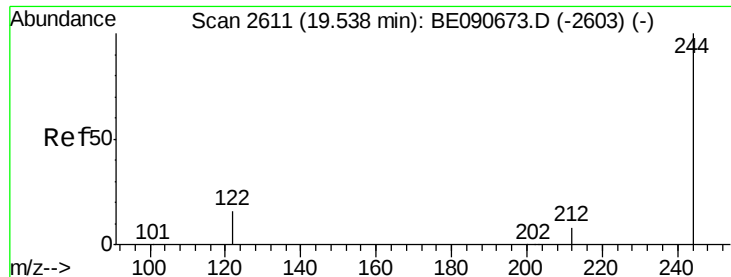


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 5.00 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

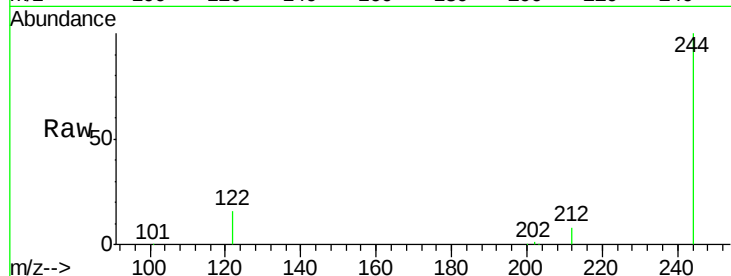
Tgt Ion:244 Resp: 257390

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

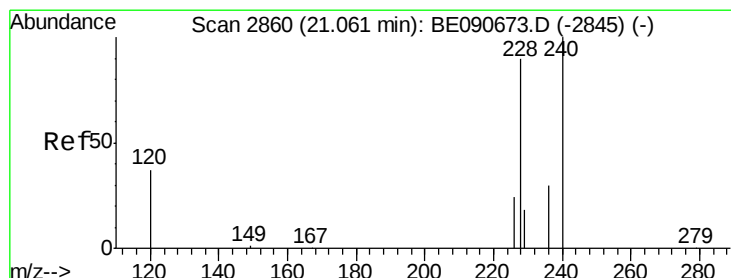
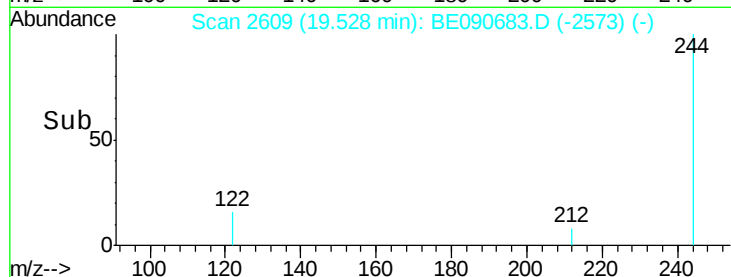
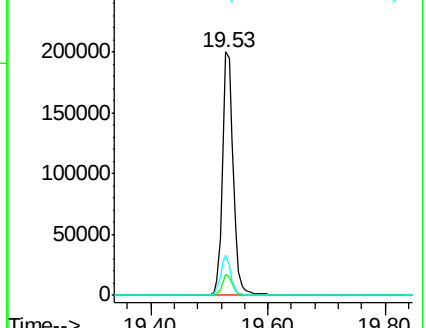
122 16.2 12.9 19.3



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: 3.84 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

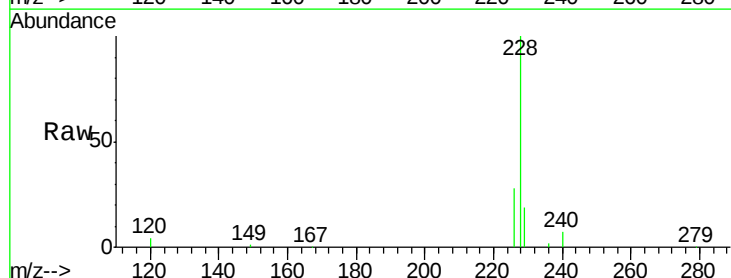
Tgt Ion:228 Resp: 391957

Ion Ratio Lower Upper

228 100

226 27.8 21.6 32.4

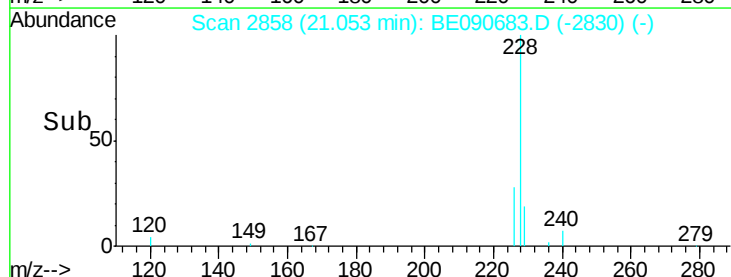
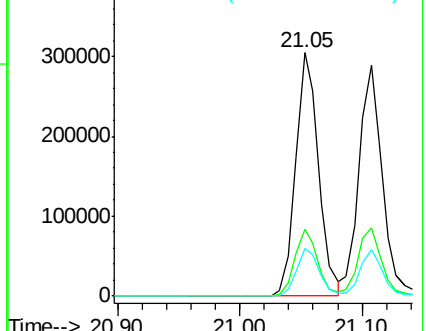
229 19.4 15.9 23.9

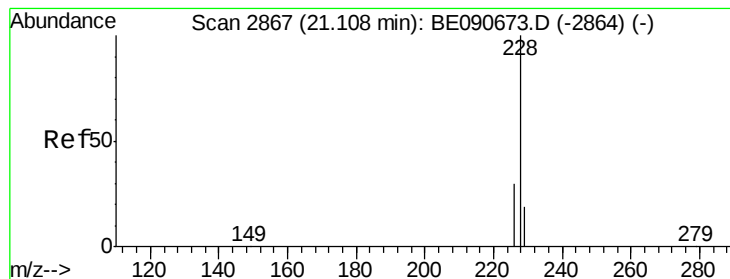


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 3.65 ng

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

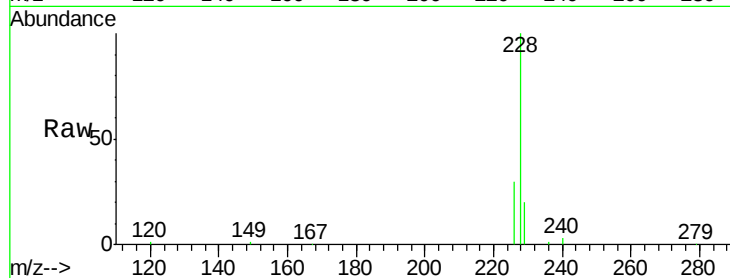
Tgt Ion: 228 Resp: 393965

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

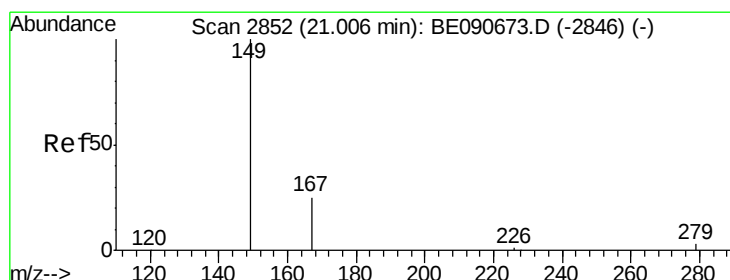
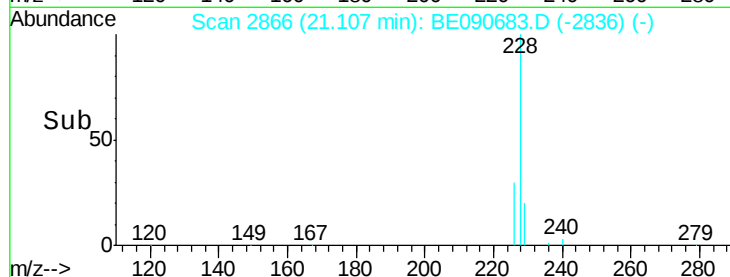
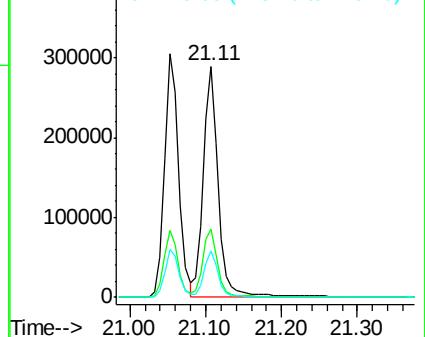
229 20.2 15.3 22.9



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: 4.87 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

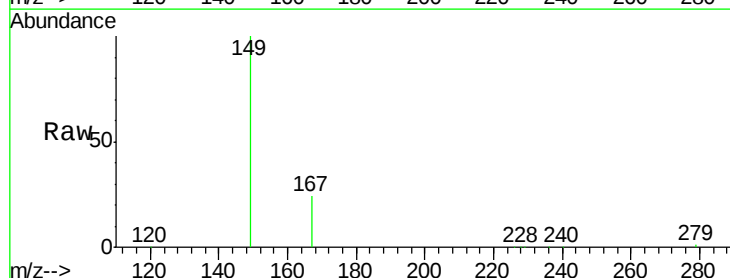
Tgt Ion: 149 Resp: 170074

Ion Ratio Lower Upper

149 100

167 25.8 20.1 30.1

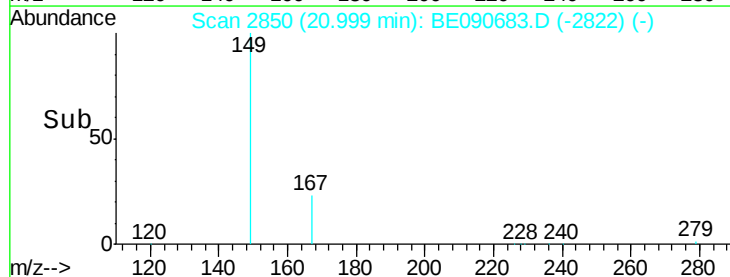
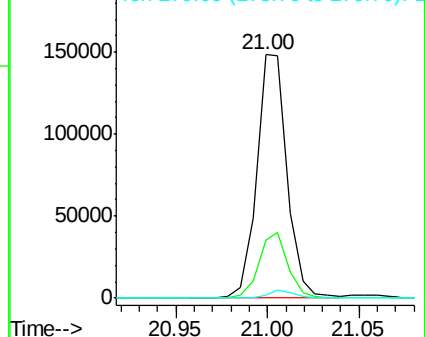
279 2.9 2.3 3.5



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

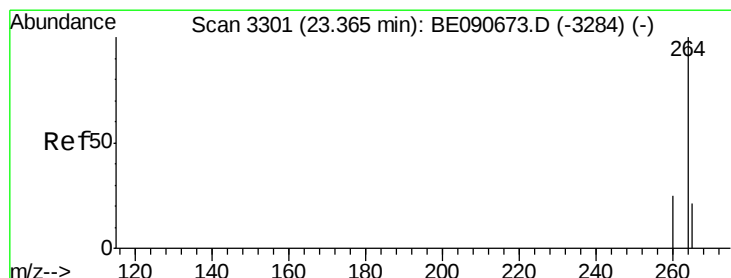
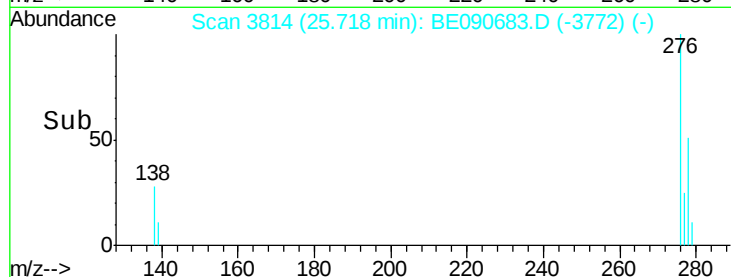
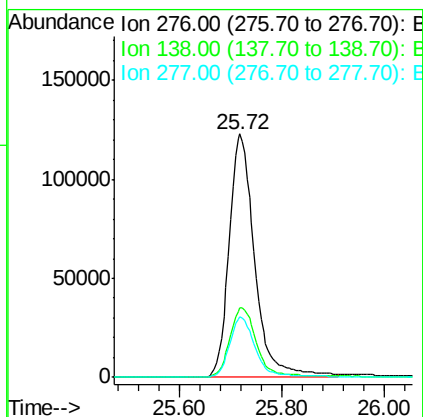
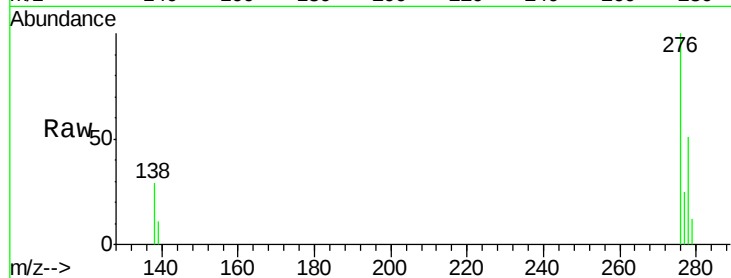




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 3.90 ng
 RT: 25.72 min Scan# 3814
 Delta R.T. -0.01 min
 Lab File: BE090683.D
 Acq: 2 Sep 2015 1:23

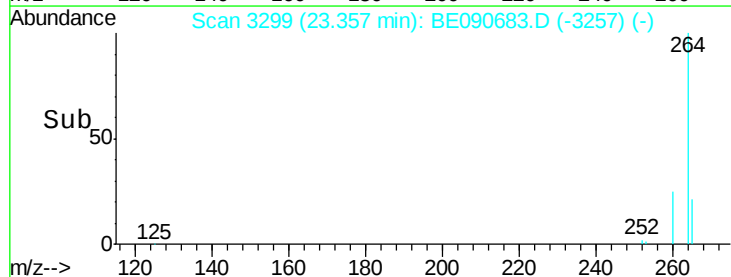
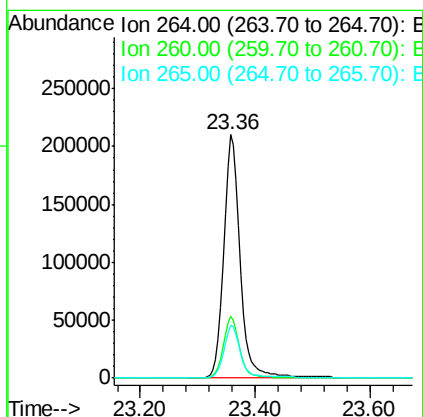
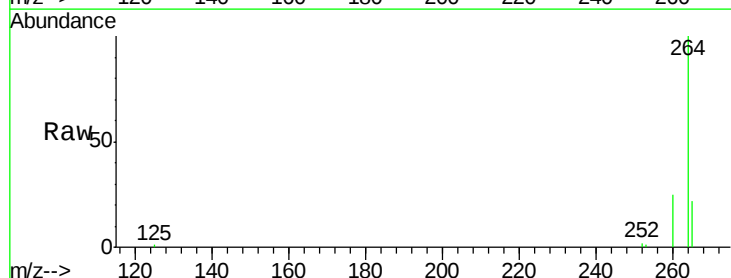
Instrument :
 BNA_E
 ClientSampleId :
 PB85250BS

Tgt Ion: 276 Resp: 428802
 Ion Ratio Lower Upper
 276 100
 138 30.2 23.3 34.9
 277 24.9 19.8 29.6



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090683.D
 Acq: 2 Sep 2015 1:23

Tgt Ion: 264 Resp: 427016
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 21.7 17.5 26.3





#33

Benzo(b)fluoranthene

Concen: 3.91 ng

RT: 22.66 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

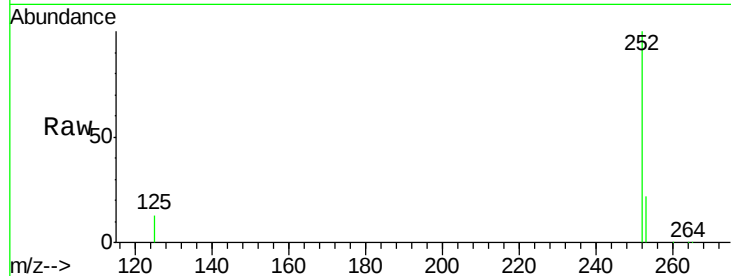
Tgt Ion:252 Resp: 362280

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

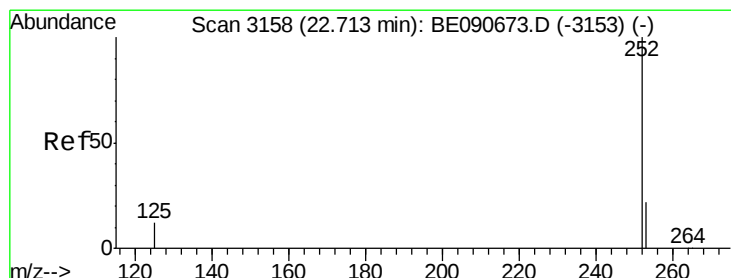
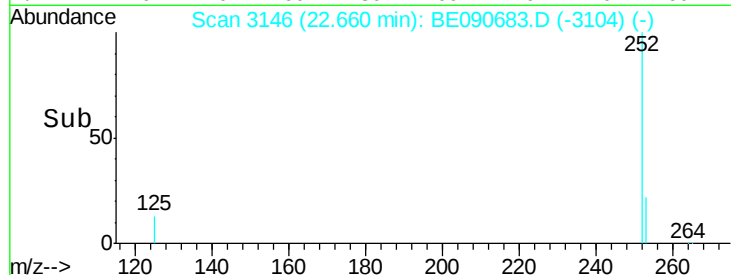
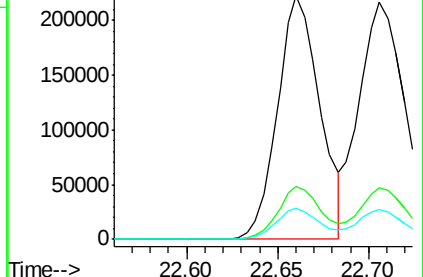
125 12.9 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 3.82 ng

RT: 22.71 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

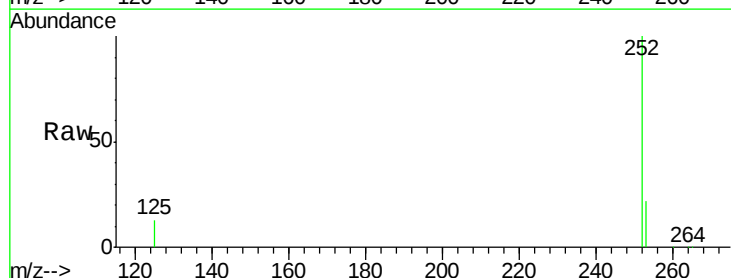
Tgt Ion:252 Resp: 412247

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

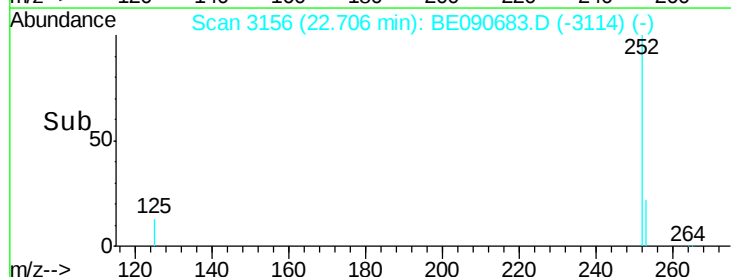
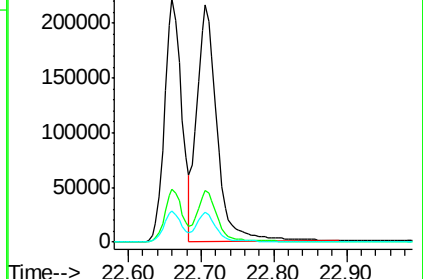
125 12.7 10.1 15.1



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





#35

Benzo(a)pyrene

Concen: 4.21 ng

RT: 23.25 min Scan# 3276

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS

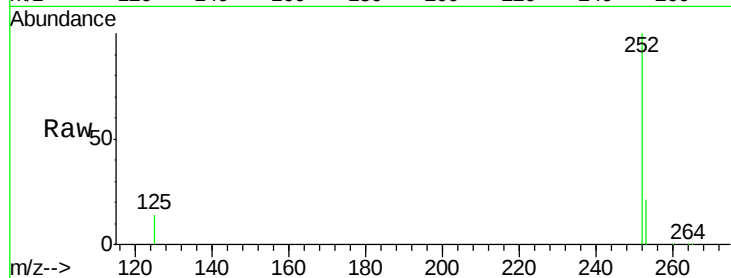
Tgt Ion: 252 Resp: 348415

Ion Ratio Lower Upper

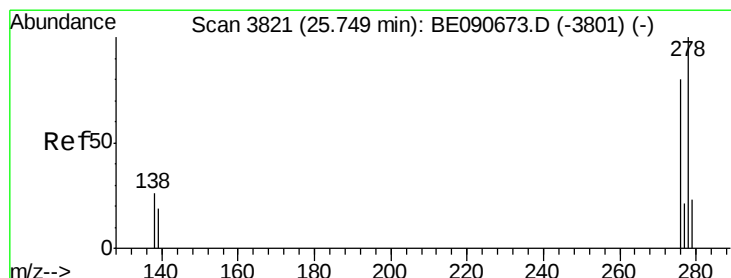
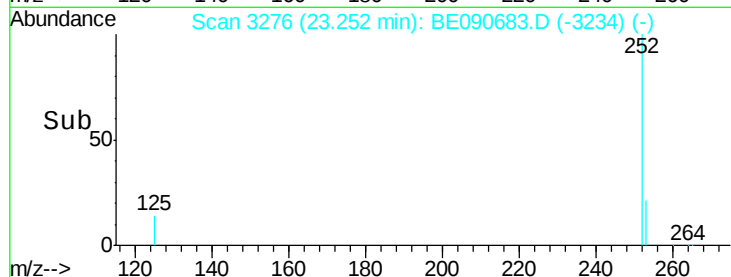
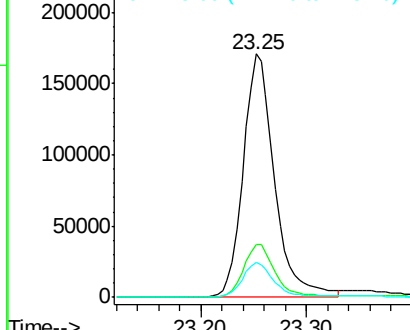
252 100

253 21.5 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: 3.55 ng

RT: 25.74 min Scan# 3819

Delta R.T. -0.01 min

Lab File: BE090683.D

Acq: 2 Sep 2015 1:23

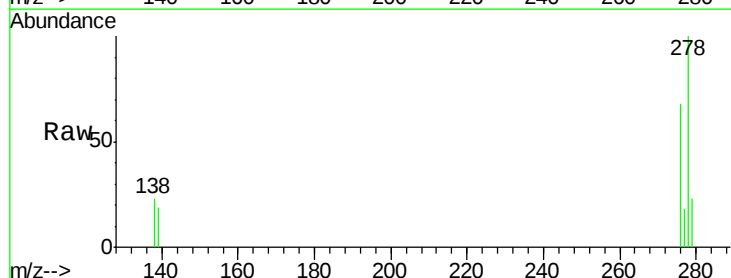
Tgt Ion: 278 Resp: 354571

Ion Ratio Lower Upper

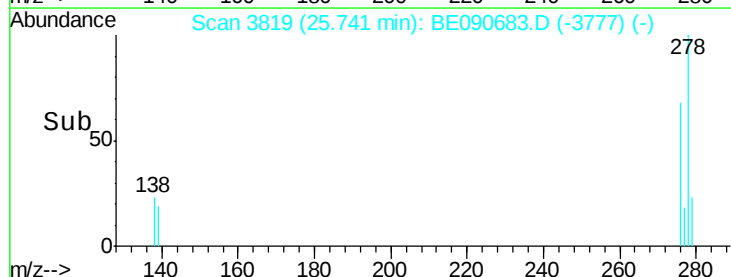
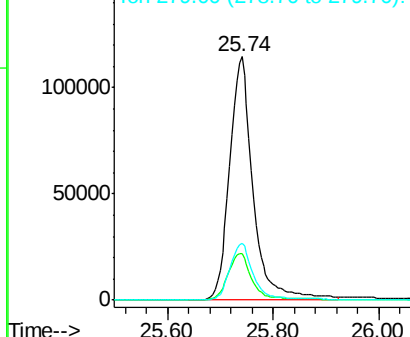
278 100

139 19.3 15.4 23.0

279 23.5 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: 3.81 ng

RT: 26.44 min Scan# 3973

Delta R.T. -0.01 min

Lab File: BE090683.D

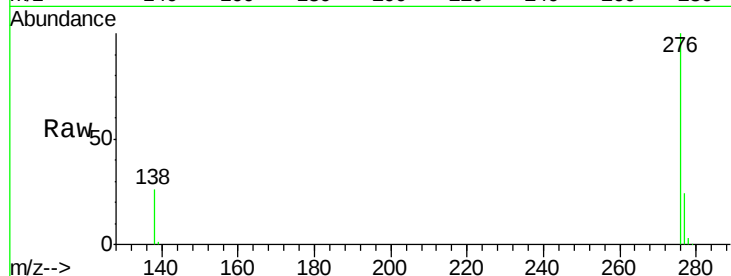
Acq: 2 Sep 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB85250BS



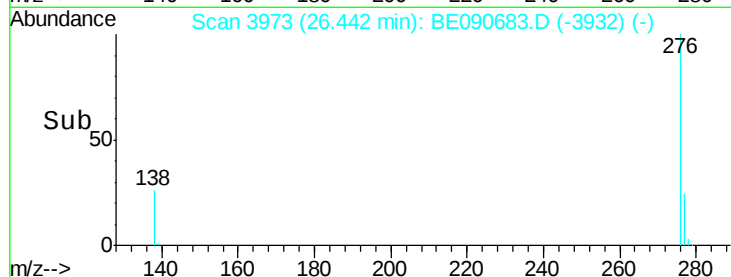
Tgt Ion: 276 Resp: 362648

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 26.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

