

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090415\
 Data File : BE090733.D
 Acq On : 4 Sep 2015 17:14
 Operator : UM/IZ
 Sample : PB85414BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85414BSD

Quant Time: Sep 04 18:27:29 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	38407	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	179908	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	99722	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	241323	5.00	ng	0.00
25) Chrysene-d12	21.07	240	304971	5.00	ng	0.00
32) Perylene-d12	23.36	264	268938	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	77009	10.28	ng	0.00
5) Phenol-d6	6.74	99	115681	10.82	ng	-0.01
7) Nitrobenzene-d5	8.69	82	56589	4.76	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	34305	11.65	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	118353	4.29	ng	-0.01
27) Terphenyl-d14	19.53	244	181164	5.37	ng	-0.01

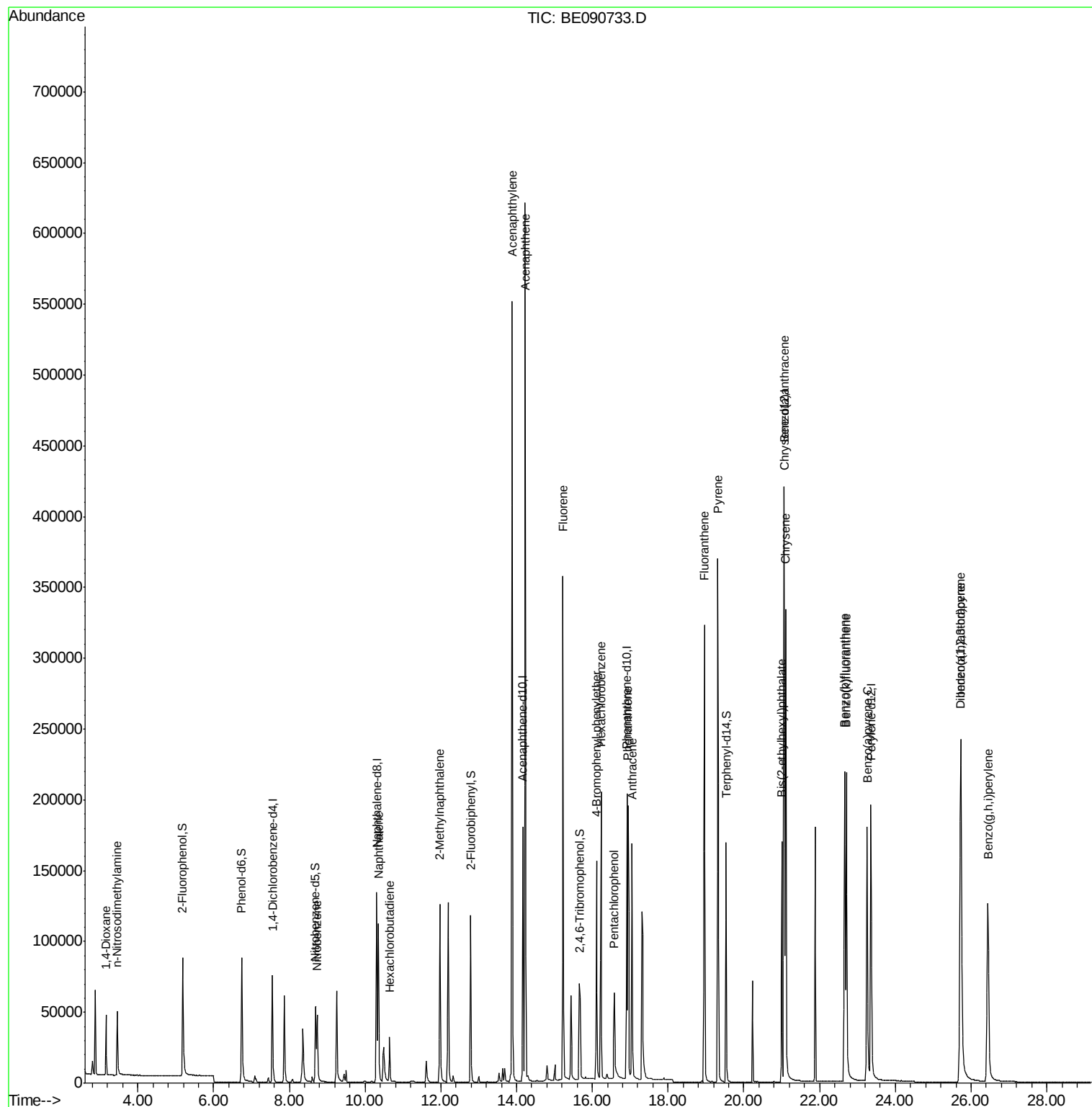
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	22574	4.51	ng	98
3) n-Nitrosodimethylamine	3.45	42	28440	4.17	ng	# 94
8) Nitrobenzene	8.73	77	61135	4.20	ng	98
9) Naphthalene	10.35	128	156740	3.99	ng	99
10) Hexachlorobutadiene	10.65	225	23053	3.76	ng	100
11) 2-Methylnaphthalene	11.97	142	103468	4.88	ng	99
15) Acenaphthylene	13.88	152	719771	4.52	ng	100
16) Acenaphthene	14.23	154	110927	4.17	ng	88
17) Fluorene	15.22	166	144316	4.34	ng	97
19) 4-Bromophenyl-phenylether	16.11	248	37059	4.50	ng	98
20) Hexachlorobenzene	16.23	284	179453	4.56	ng	98
21) Pentachlorophenol	16.58	266	38807	11.38	ng	96
22) Phenanthrene	16.94	178	249702	4.18	ng	99
23) Anthracene	17.05	178	244665	4.90	ng	99
24) Fluoranthene	18.96	202	300609	4.78	ng	99
26) Pyrene	19.32	202	328643	5.21	ng	99
28) Benzo(a)anthracene	21.05	228	315604	4.72	ng	100
29) Chrysene	21.11	228	319162	4.53	ng	98
30) Bis(2-ethylhexyl)phthalate	21.00	149	132192	5.56	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	331005	4.59	ng	99
33) Benzo(b)fluoranthene	22.66	252	280779	4.82	ng	99
34) Benzo(k)fluoranthene	22.71	252	320448	4.72	ng	99
35) Benzo(a)pyrene	23.25	252	271003	5.19	ng	100
36) Dibenzo(a,h)anthracene	25.74	278	272468	4.30	ng	100
37) Benzo(g,h,i)perylene	26.44	276	283334	4.72	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

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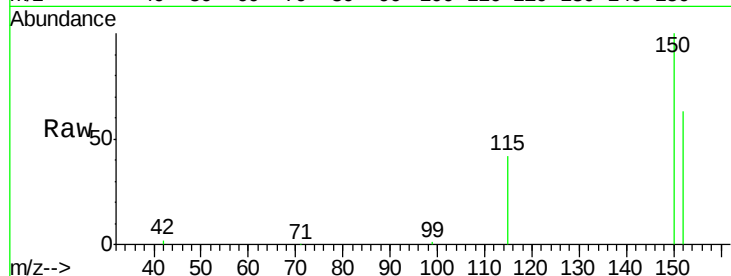
Tot Ion:152 Resp: 38407

Ion Ratio Lower Upper

152 100

150 157.8 122.2 183.4

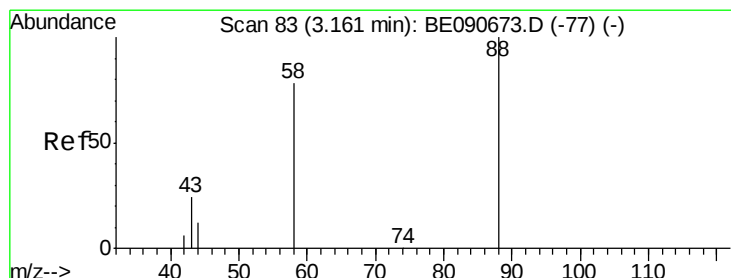
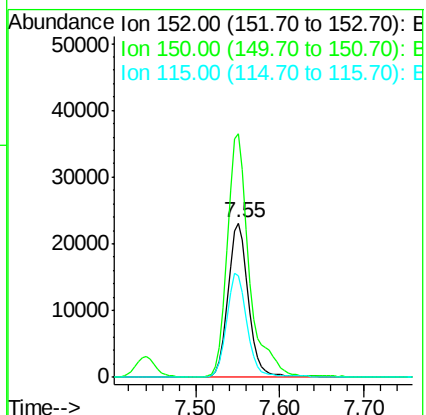
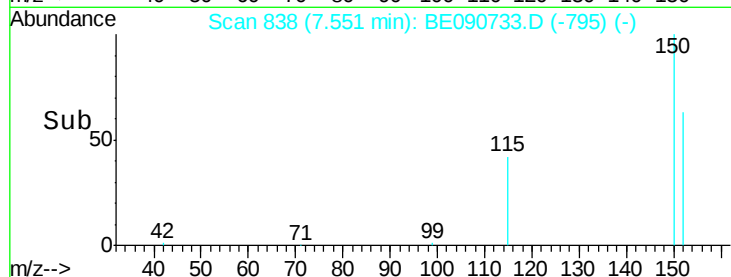
115 65.9 51.0 76.4



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



#2

1,4-Dioxane

Concen: 4.51 ng

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

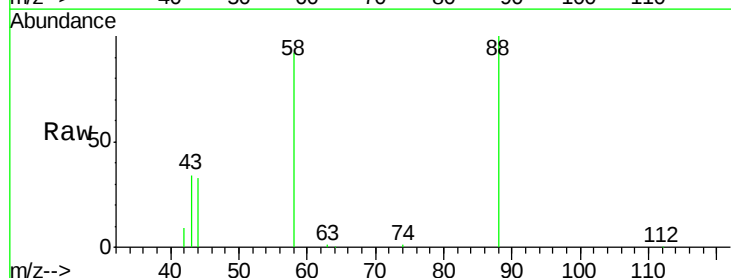
Tgt Ion: 88 Resp: 22574

Ion Ratio Lower Upper

88 100

58 88.0 68.4 102.6

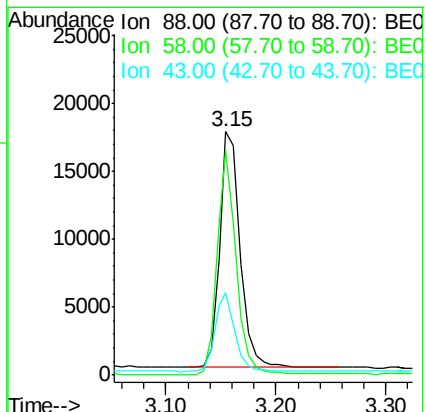
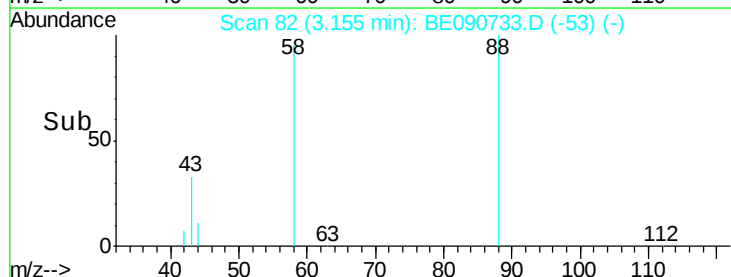
43 32.9 26.9 40.3



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



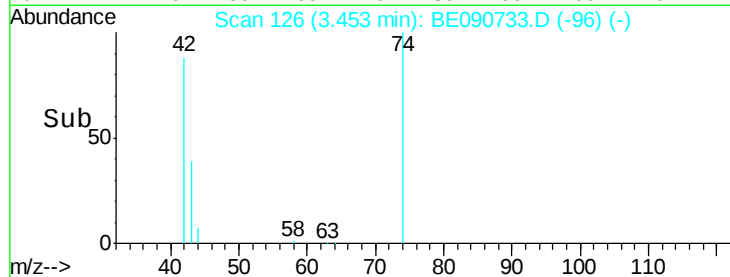
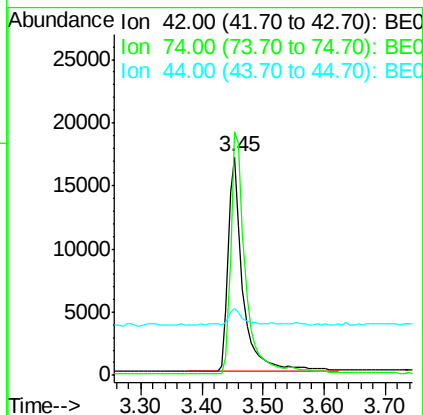
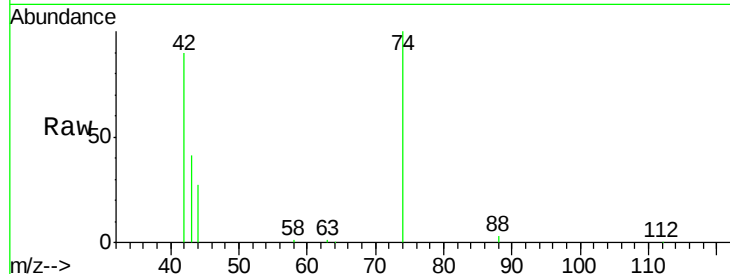


#3

n-Nitrosodimethylamine
 Concen: 4.17 ng
 RT: 3.45 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: BE090733.D
 Acq: 4 Sep 2015 17:14

Instrument :
 BNA_E
 ClientSampleId :
 PB85414BSD

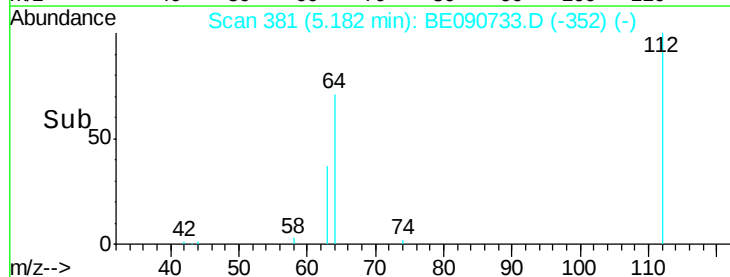
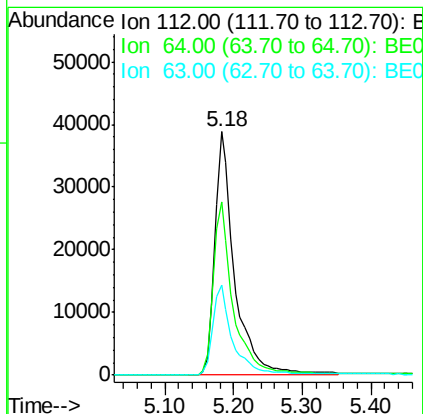
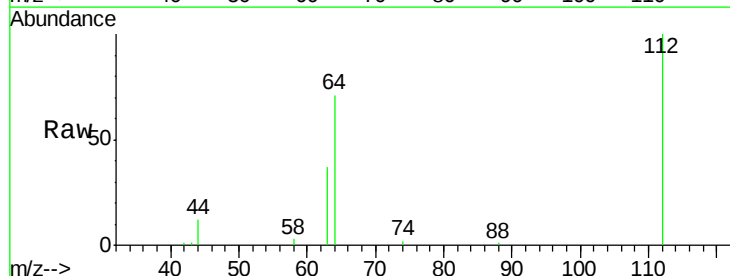
Tot Ion: 42 Resp: 28440
 Ion Ratio Lower Upper
 42 100
 74 109.9 83.7 125.5
 44 7.1 10.0 15.0#



#4

2-Fluorophenol
 Concen: 10.28 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090733.D
 Acq: 4 Sep 2015 17:14

Tgt Ion: 112 Resp: 77009
 Ion Ratio Lower Upper
 112 100
 64 71.8 57.3 85.9
 63 36.8 29.2 43.8





#5

Phenol-d6

Concen: 10.82 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

PB85414BSD

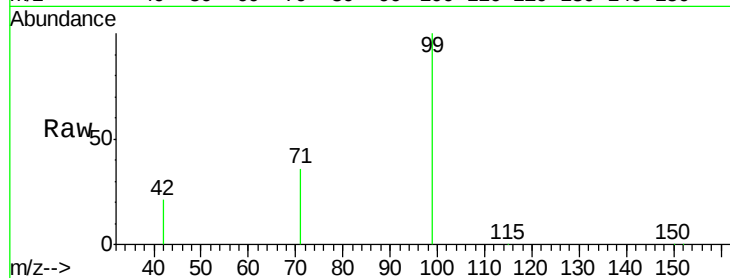
Tot Ion: 99 Resp: 115681

Ion Ratio Lower Upper

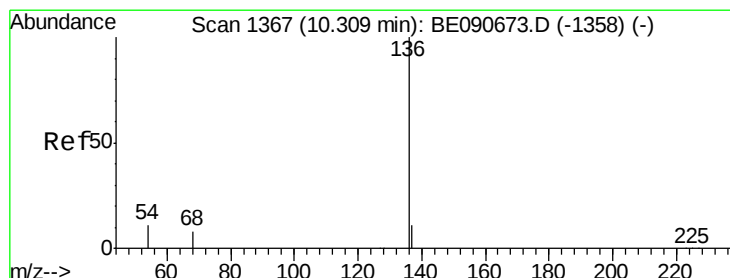
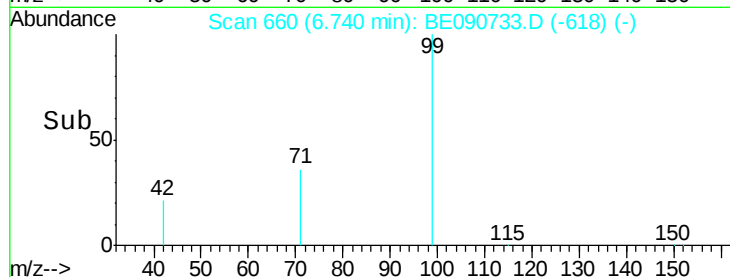
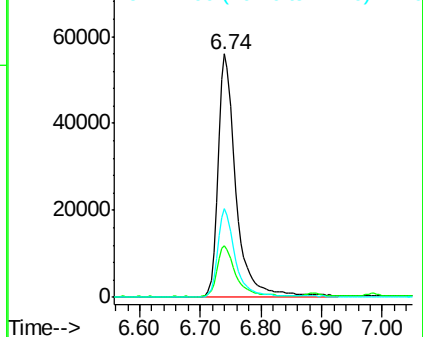
99 100

42 21.4 16.8 25.2

71 36.1 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: BE090733.D

Acq: 4 Sep 2015 17:14

Tgt Ion: 136 Resp: 179908

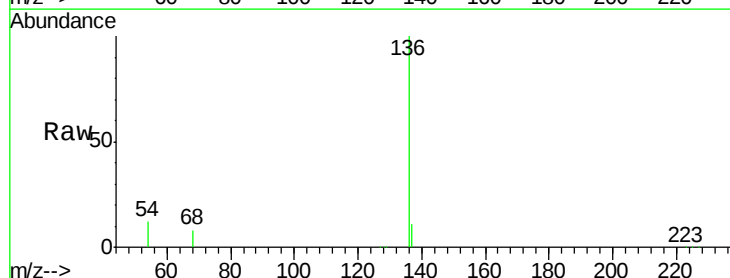
Ion Ratio Lower Upper

136 100

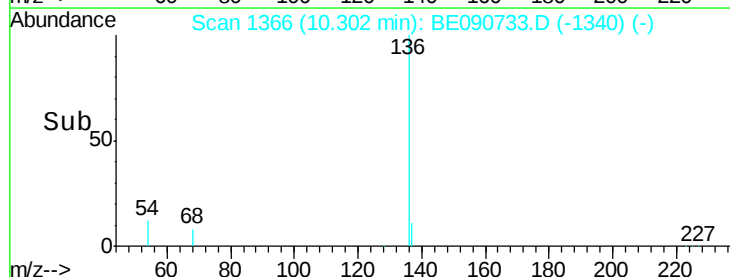
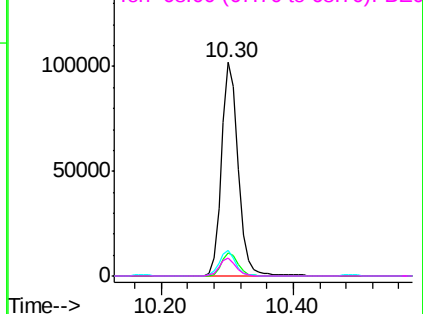
137 11.0 8.7 13.1

54 11.9 9.0 13.6

68 8.4 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: 4.76 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

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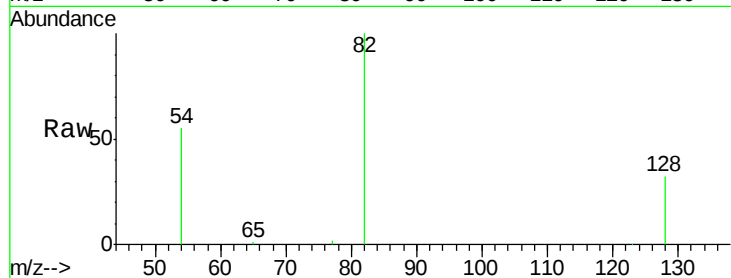
Tot Ion: 82 Resp: 56589

Ion Ratio Lower Upper

82 100

128 31.9 25.0 37.4

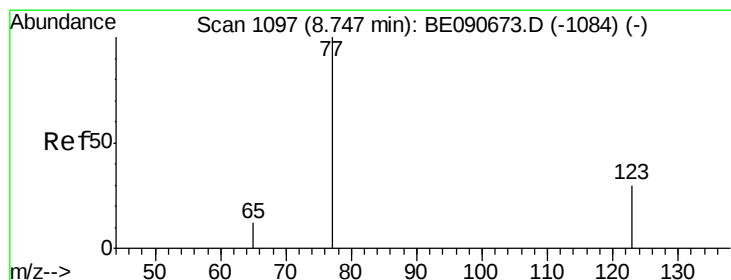
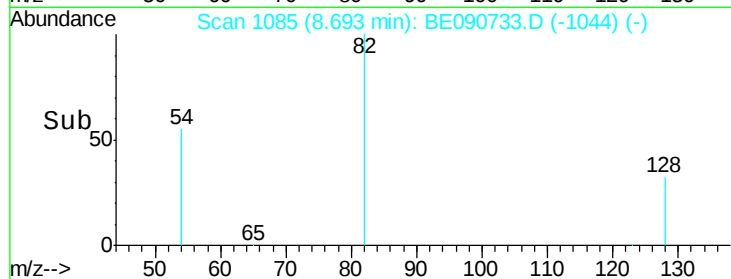
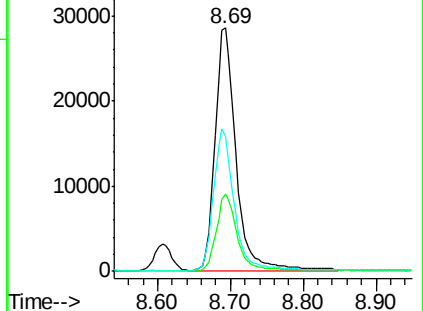
54 55.3 46.3 69.5



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

Nitrobenzene

Concen: 4.20 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

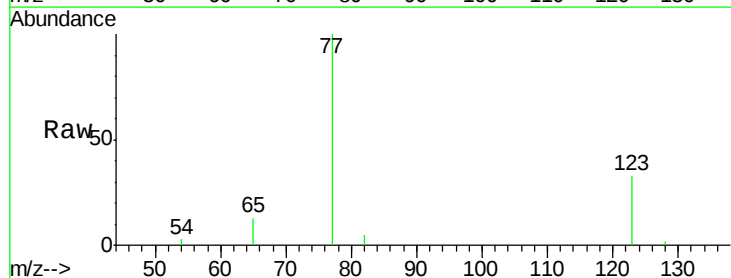
Tgt Ion: 77 Resp: 61135

Ion Ratio Lower Upper

77 100

123 32.9 25.1 37.7

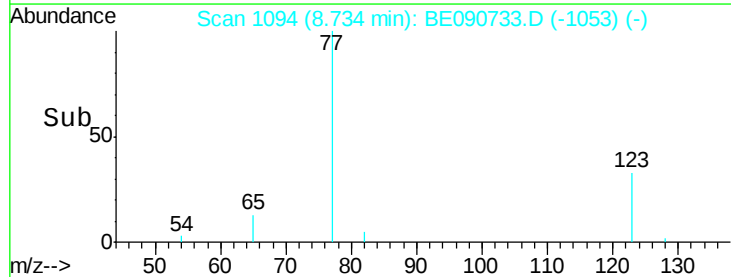
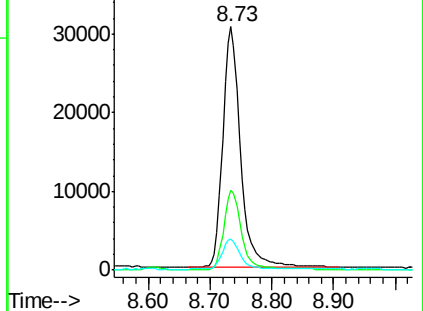
65 12.7 9.9 14.9



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





#9

Naphthalene

Concen: 3.99 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

PB85414BSD

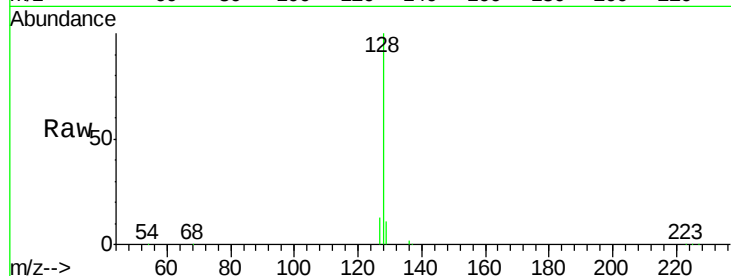
Tot Ion:128 Resp: 156740

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

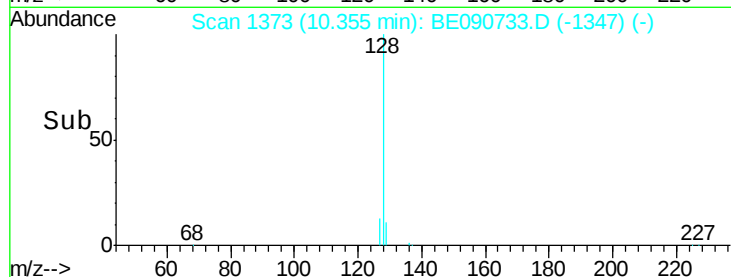
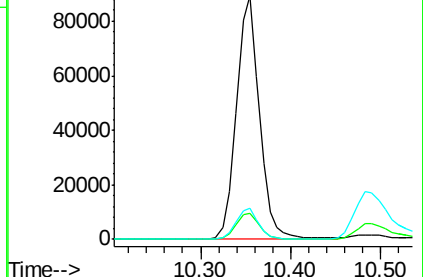
127 13.0 10.6 15.8



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: 3.76 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

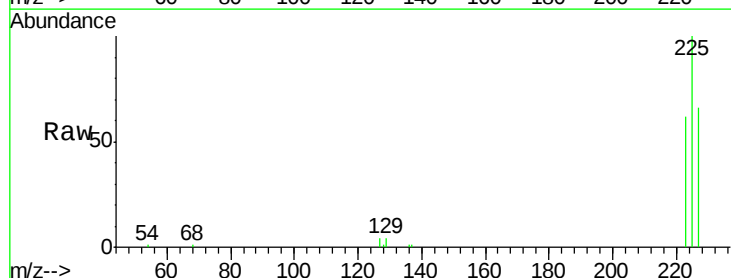
Tgt Ion:225 Resp: 23053

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

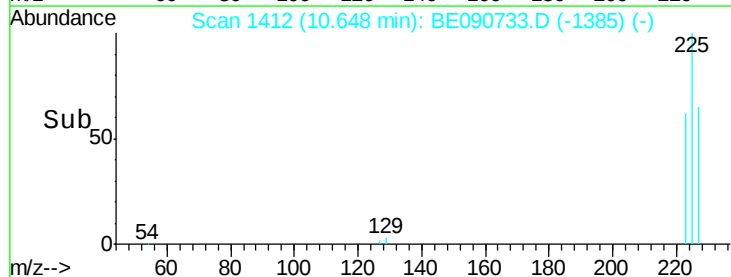
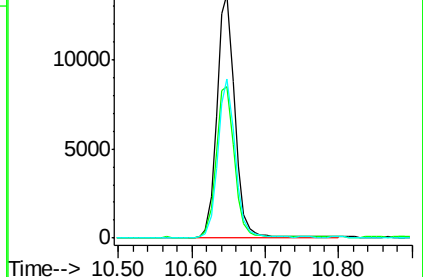
227 63.3 51.0 76.6



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: 4.88 ng

RT: 11.97 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

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ClientSampleId :

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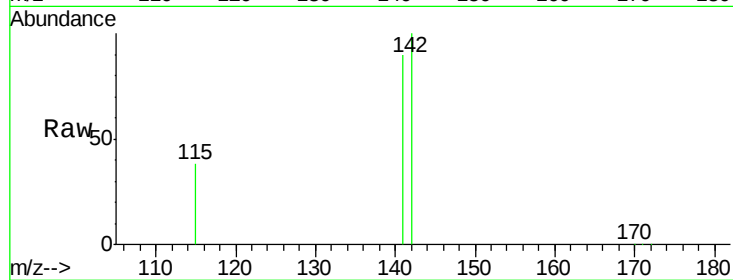
Tot Ion:142 Resp: 103468

Ion Ratio Lower Upper

142 100

141 90.2 71.4 107.2

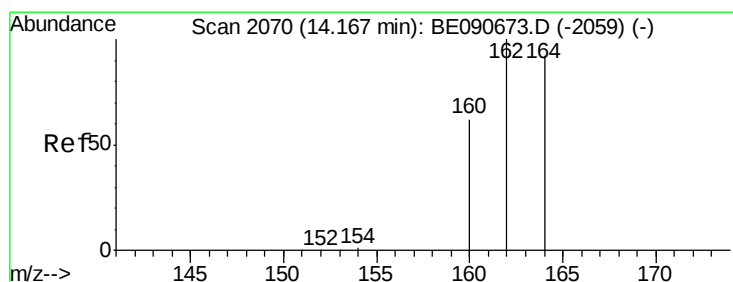
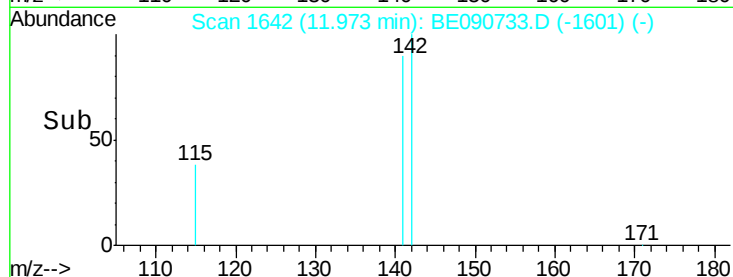
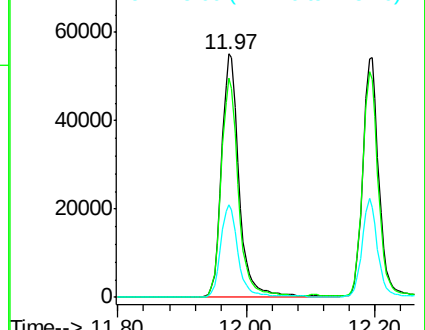
115 38.0 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

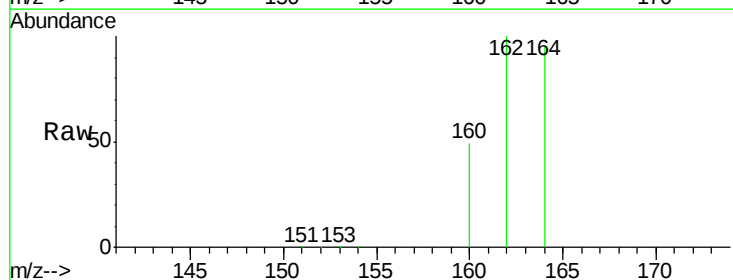
Tgt Ion:164 Resp: 99722

Ion Ratio Lower Upper

164 100

162 105.4 86.8 130.2

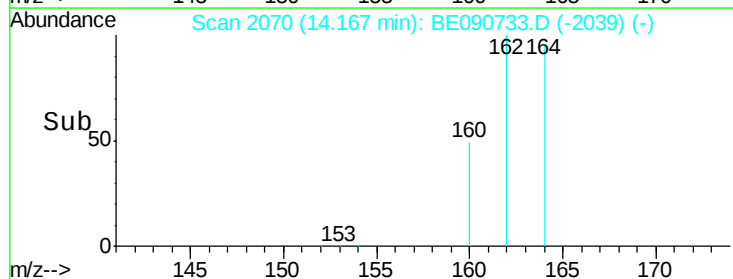
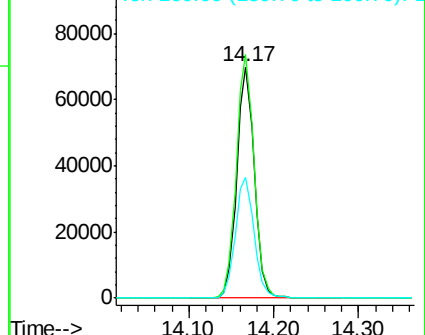
160 52.0 53.9 80.9#

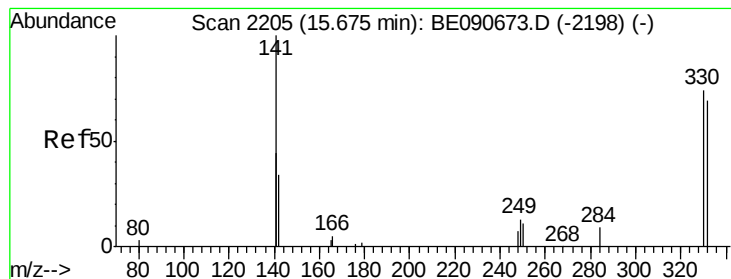


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#13

2,4,6-Tribromophenol

Concen: 11.65 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

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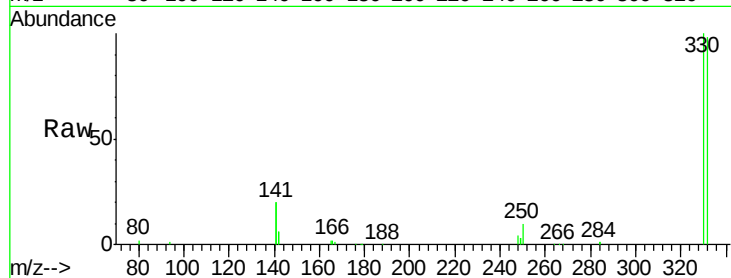
Tot Ion:330 Resp: 34305

Ion Ratio Lower Upper

330 100

332 96.4 74.9 112.3

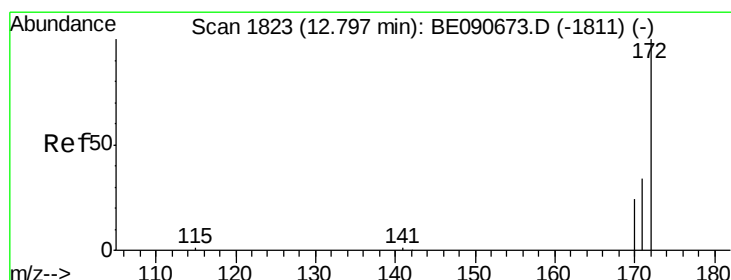
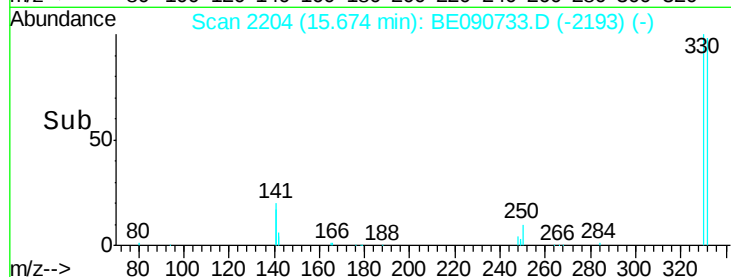
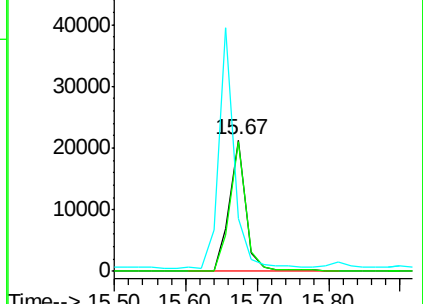
141 172.8 145.2 217.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#14

2-Fluorobiphenyl

Concen: 4.29 ng

RT: 12.79 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

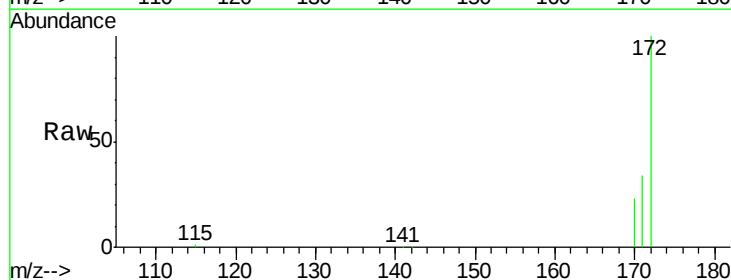
Tgt Ion:172 Resp: 118353

Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

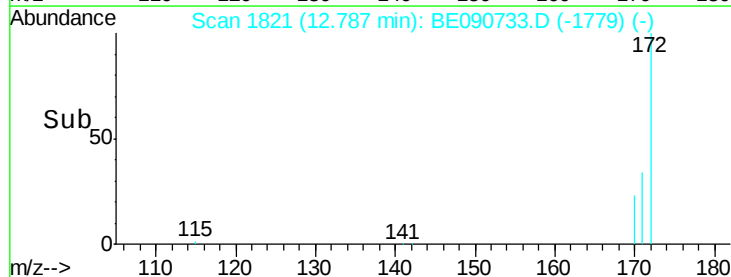
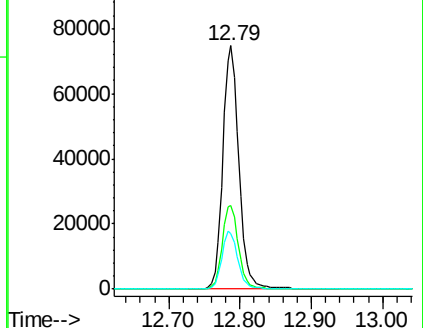
170 23.0 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 4.52 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

PB85414BSD

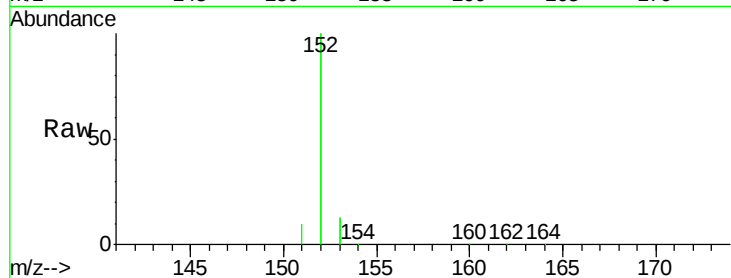
Tot Ion:152 Resp: 719771

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

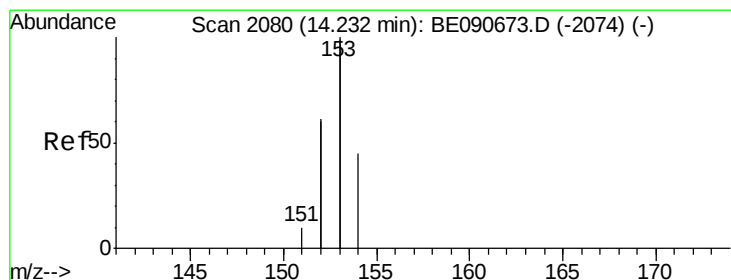
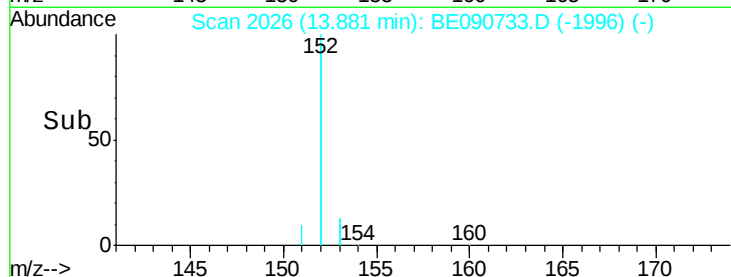
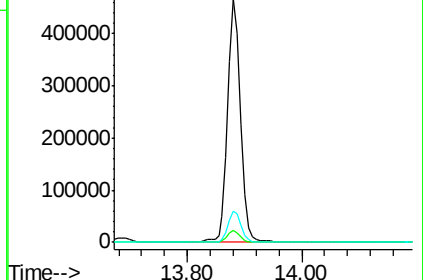
153 13.0 10.3 15.5



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: 4.17 ng

RT: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

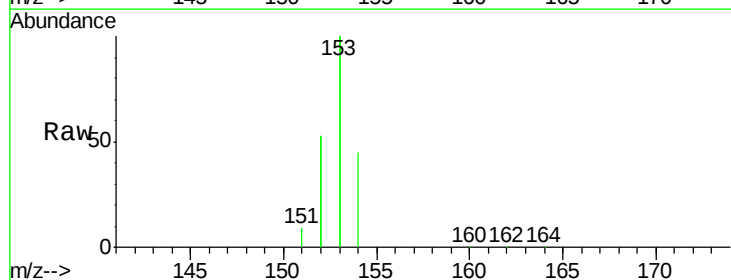
Tgt Ion:154 Resp: 110927

Ion Ratio Lower Upper

154 100

153 437.5 354.5 531.7

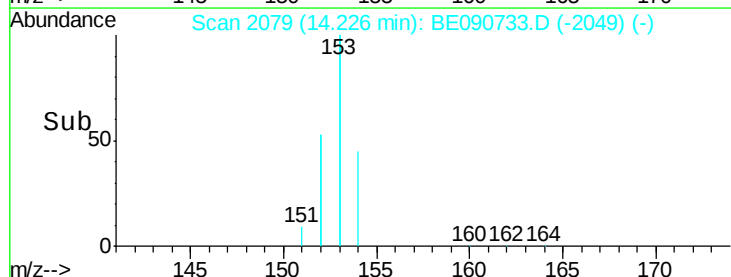
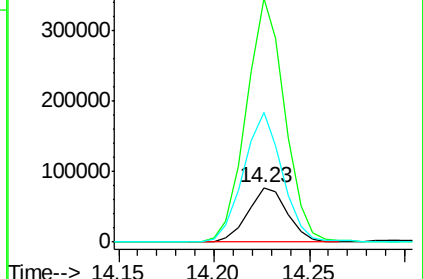
152 235.3 227.8 341.6

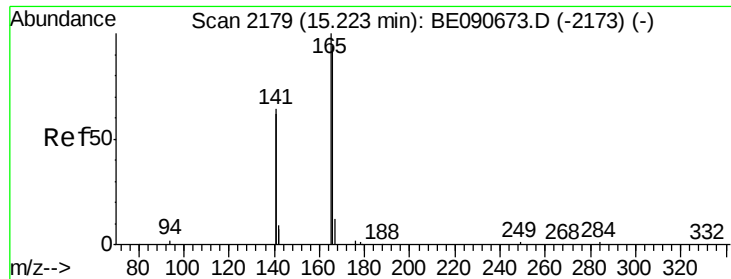


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

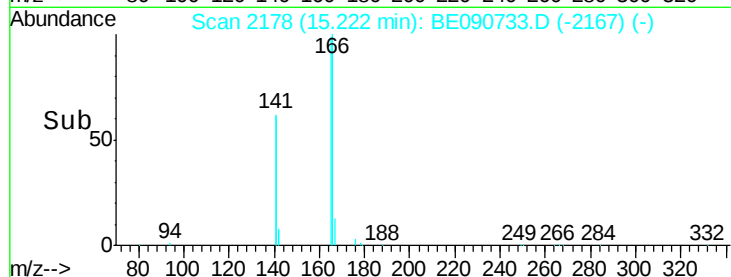
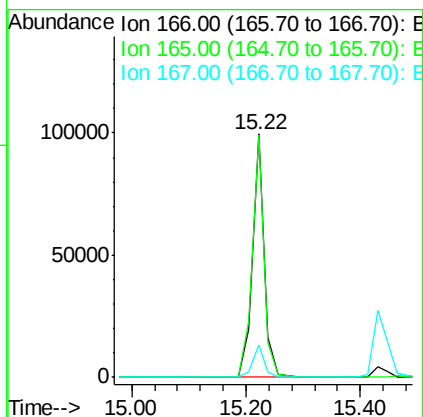
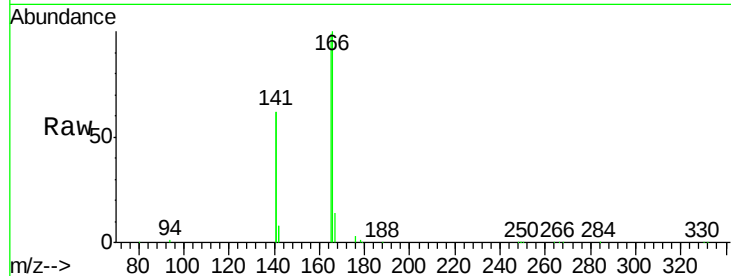




#17
Fluorene
Concen: 4.34 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090733.D
Acq: 4 Sep 2015 17:14

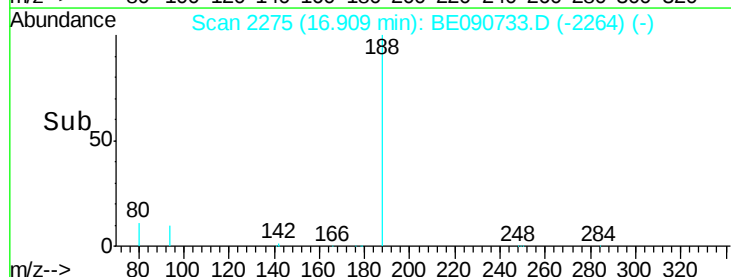
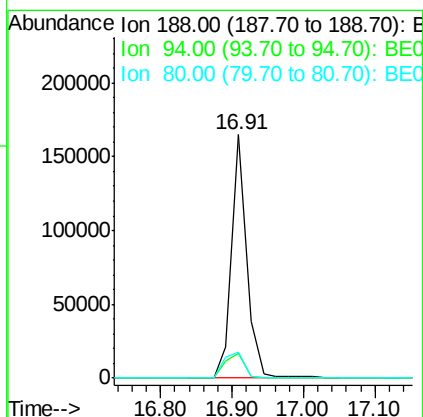
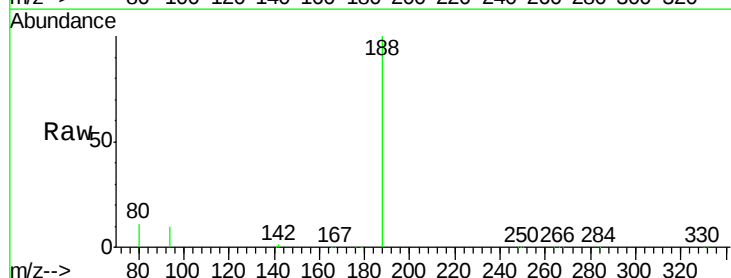
Instrument :
BNA_E
ClientSampleId :
PB85414BSD

Tot Ion:166 Resp: 144316
Ion Ratio Lower Upper
166 100
165 100.1 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: BE090733.D
Acq: 4 Sep 2015 17:14

Tgt Ion:188 Resp: 241323
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: 4.50 ng

RT: 16.11 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

PB85414BSD

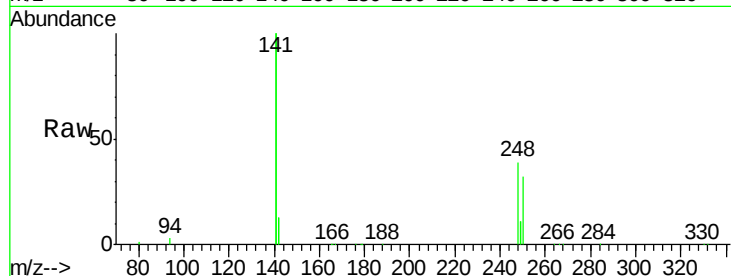
Tot Ion:248 Resp: 37059

Ion Ratio Lower Upper

248 100

250 97.7 76.7 115.1

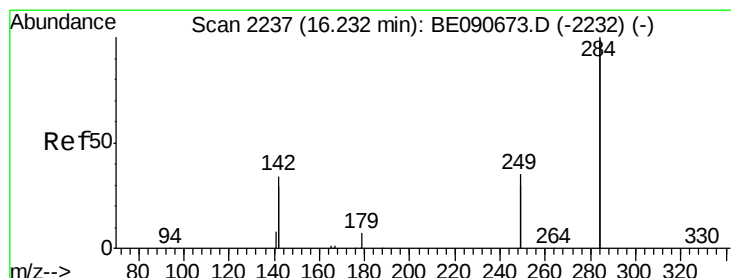
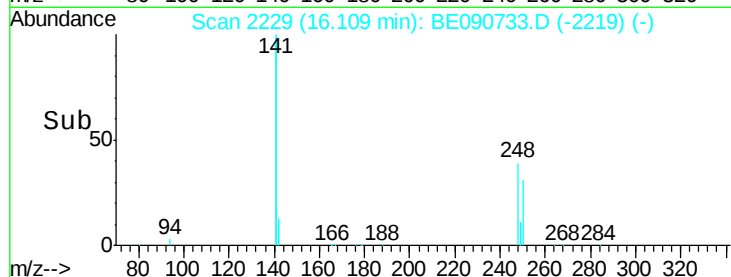
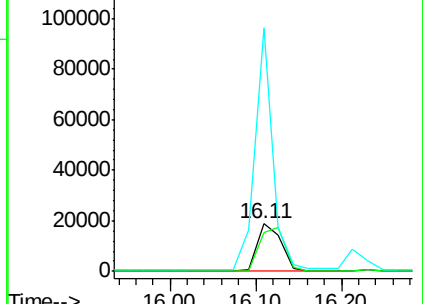
141 370.0 292.6 439.0



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: 4.56 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

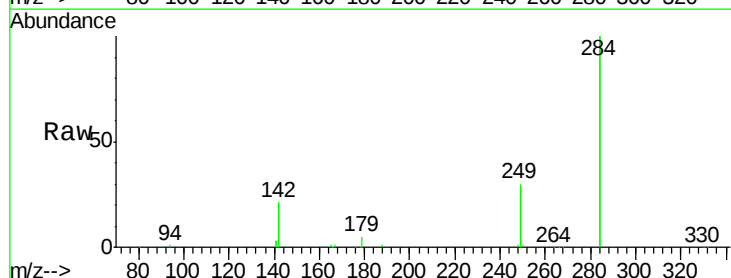
Tgt Ion:284 Resp: 179453

Ion Ratio Lower Upper

284 100

142 41.2 35.0 52.4

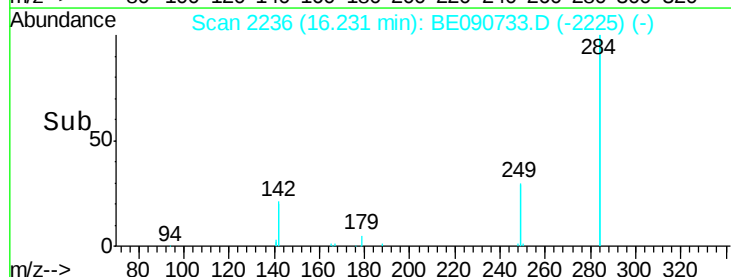
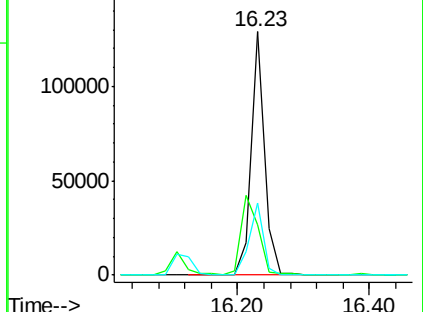
249 31.7 25.5 38.3



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

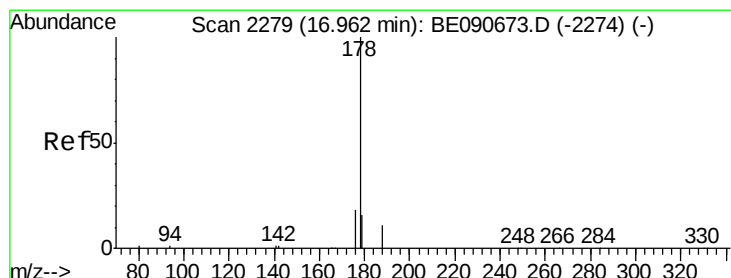
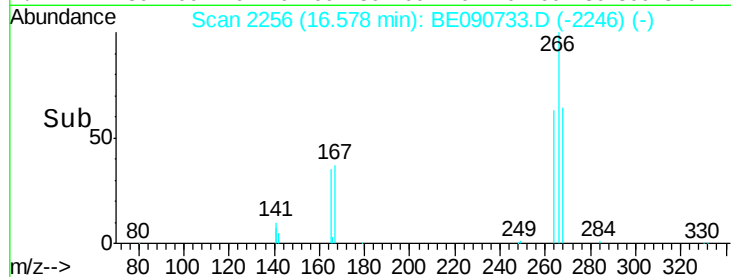
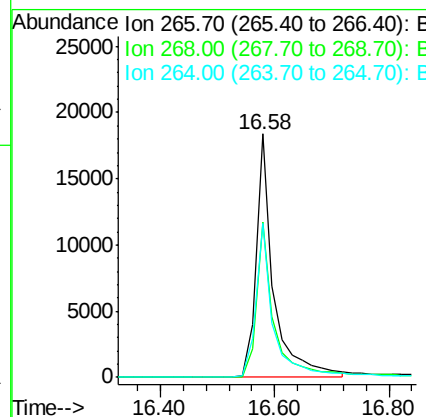
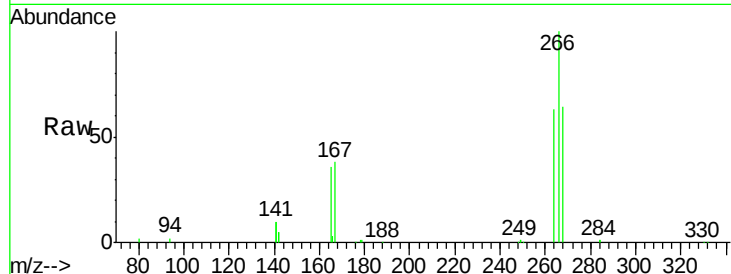




#21
 Pentachlorophenol
 Concen: 11.38 ng
 RT: 16.58 min Scan# 2256
 Delta R.T. -0.02 min
 Lab File: BE090733.D
 Acq: 4 Sep 2015 17:14

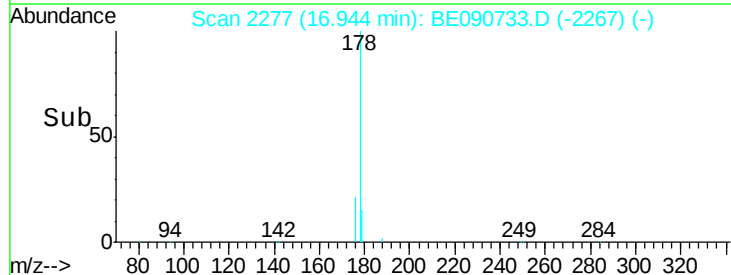
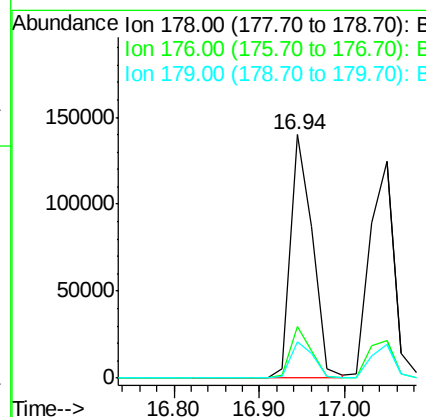
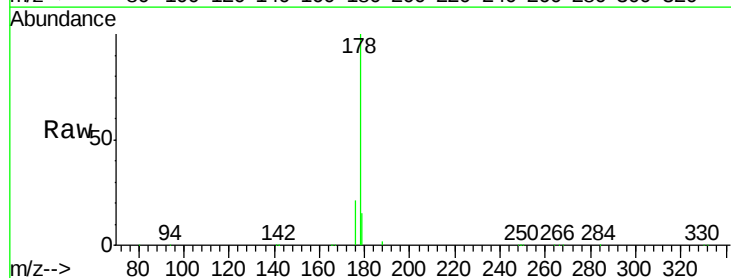
Instrument :
 BNA_E
 ClientSampleId :
 PB85414BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	49.6	74.4
264	63.3	53.9	80.9



#22
 Phenanthrene
 Concen: 4.18 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE090733.D
 Acq: 4 Sep 2015 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.4	12.8	19.2





#23

Anthracene

Concen: 4.90 ng

RT: 17.05 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

PB85414BSD

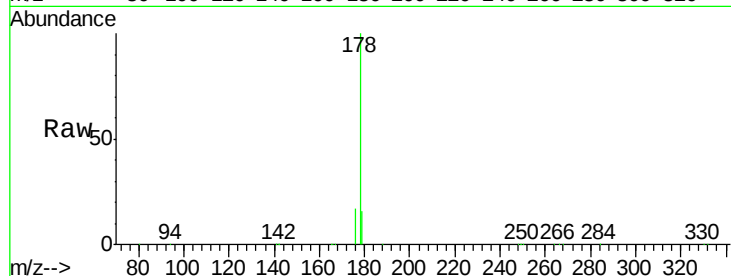
Tot Ion:178 Resp: 244665

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

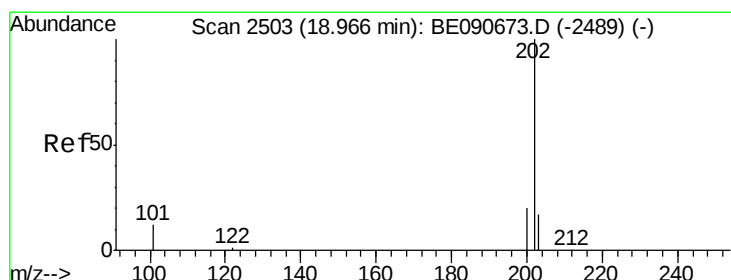
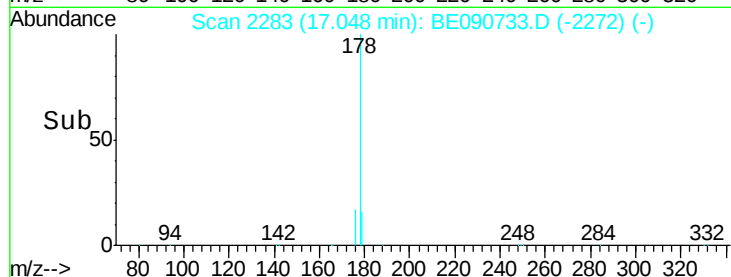
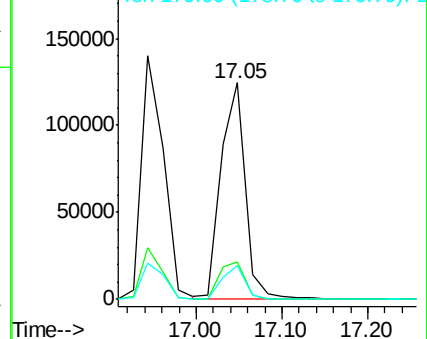
179 15.1 12.3 18.5



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: 4.78 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

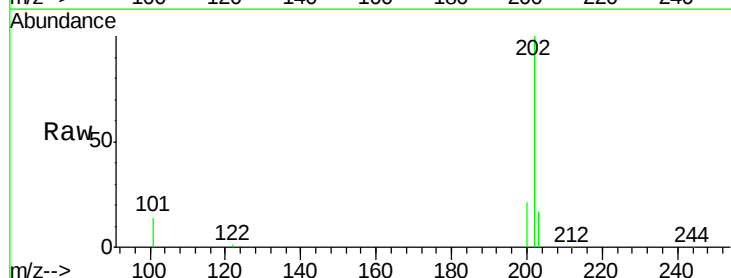
Tgt Ion:202 Resp: 300609

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.6

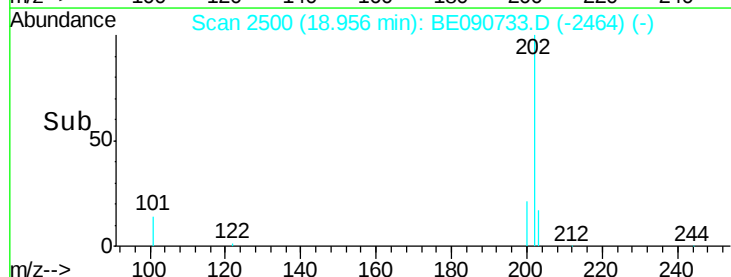
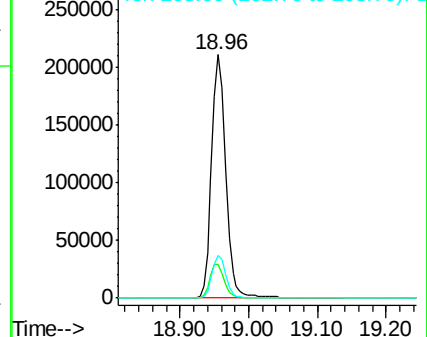
203 17.2 13.9 20.9



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: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

PB85414BSD

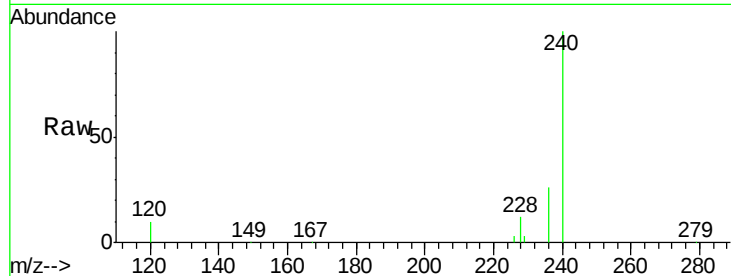
Tot Ion:240 Resp: 304971

Ion Ratio Lower Upper

240 100

120 9.9 10.1 15.1#

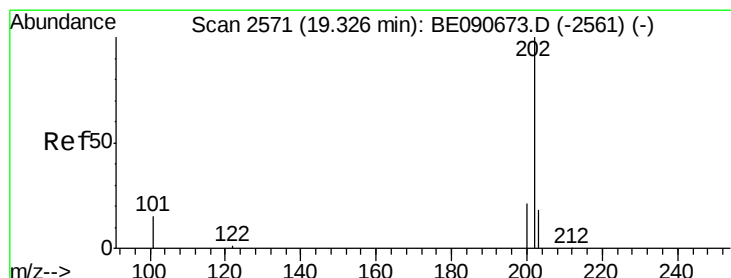
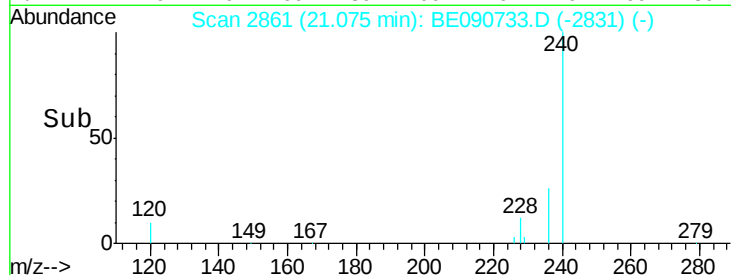
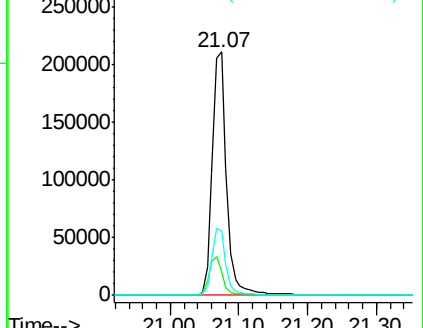
236 26.3 21.9 32.9



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: 5.21 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

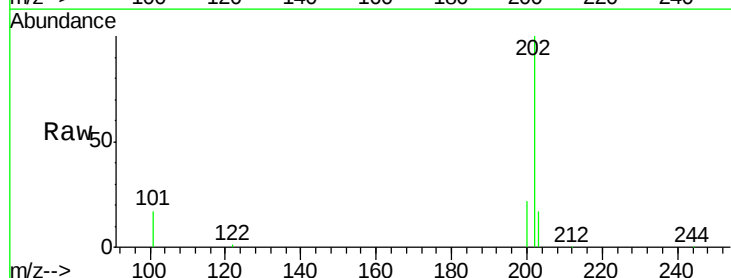
Tgt Ion:202 Resp: 328643

Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

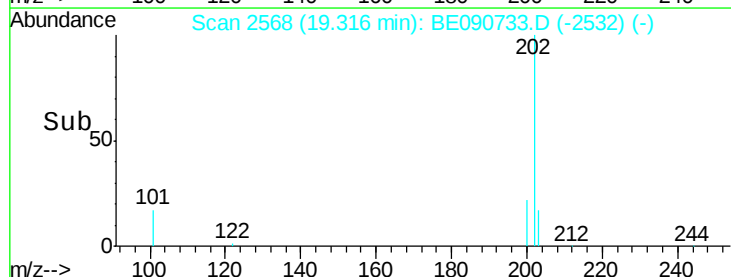
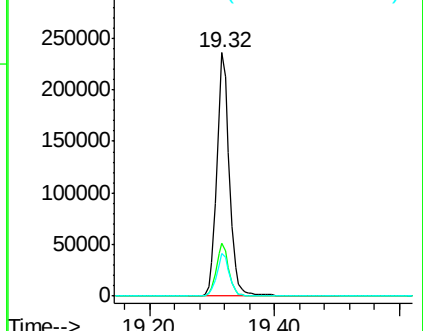
203 17.9 13.8 20.6



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: 5.37 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

PB85414BSD

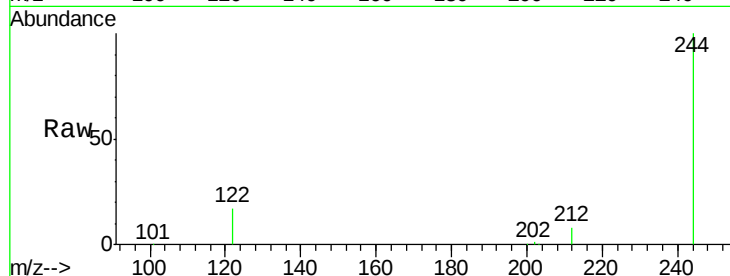
Tot Ion:244 Resp: 181164

Ion Ratio Lower Upper

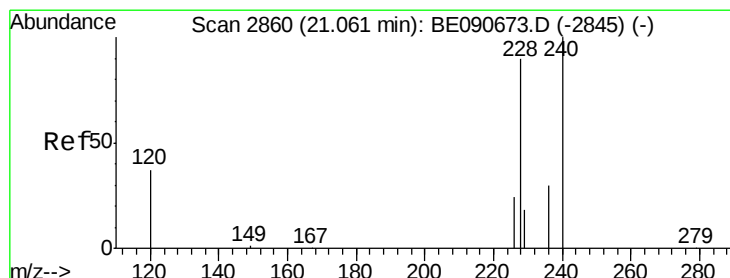
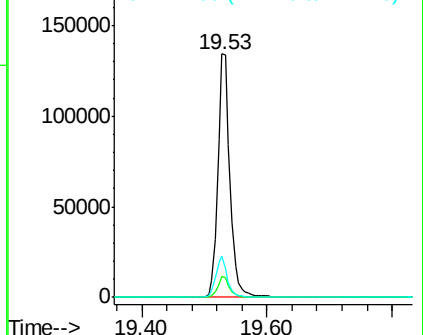
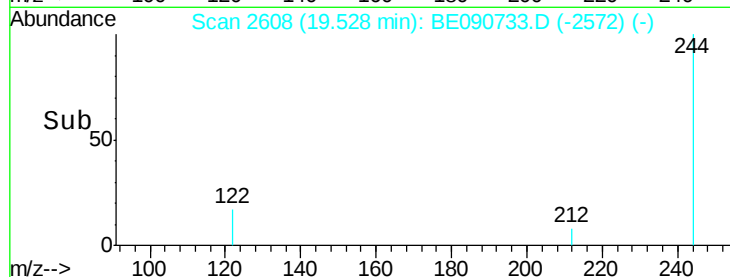
244 100

212 8.4 6.9 10.3

122 16.8 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: 4.72 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

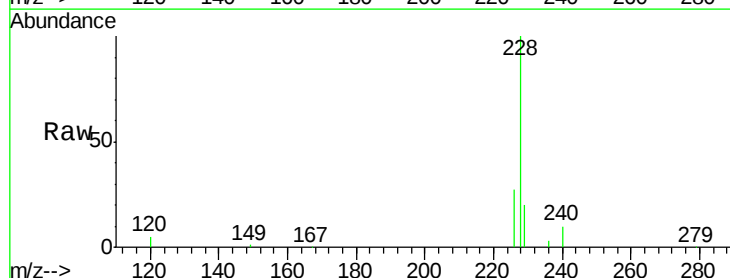
Tgt Ion:228 Resp: 315604

Ion Ratio Lower Upper

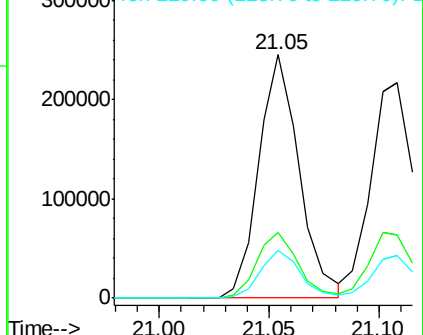
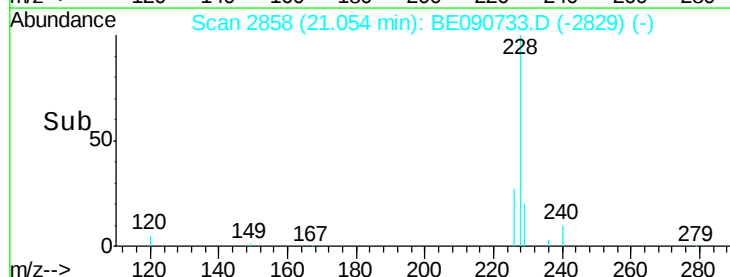
228 100

226 27.2 21.6 32.4

229 19.6 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: 4.53 ng

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

PB85414BSD

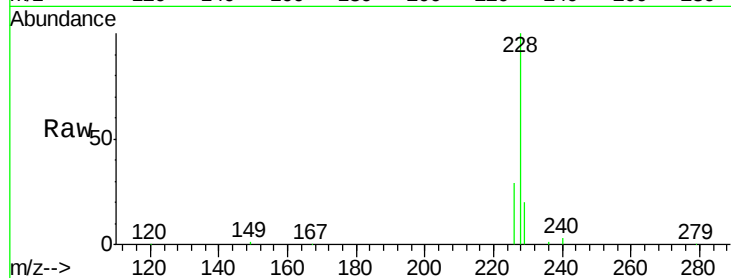
Tot Ion:228 Resp: 319162

Ion Ratio Lower Upper

228 100

226 29.3 24.2 36.4

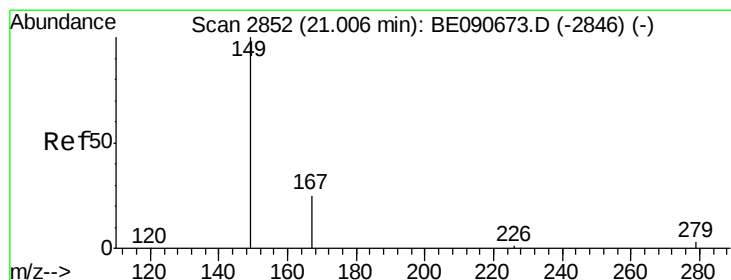
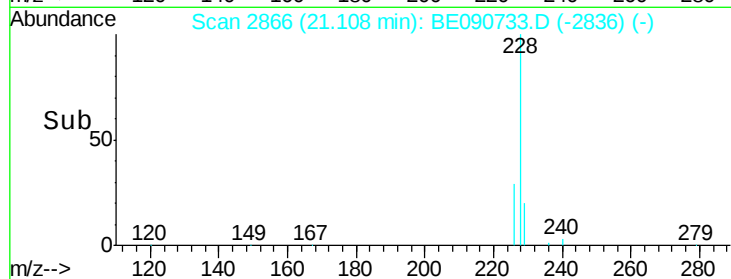
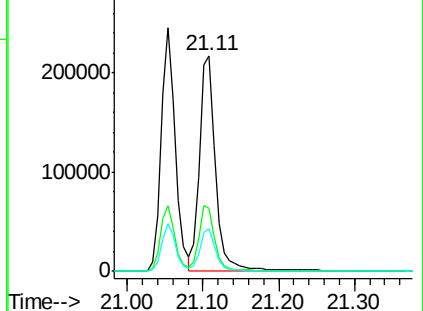
229 20.0 15.3 22.9



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: 5.56 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

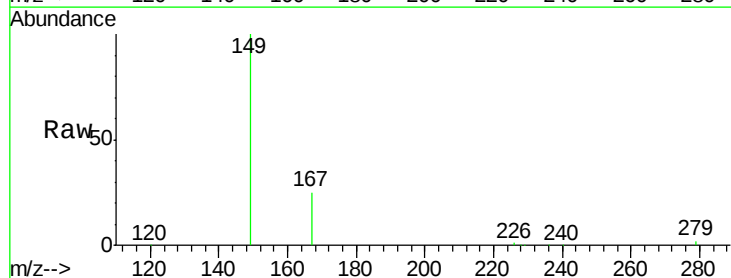
Tgt Ion:149 Resp: 132192

Ion Ratio Lower Upper

149 100

167 25.6 20.1 30.1

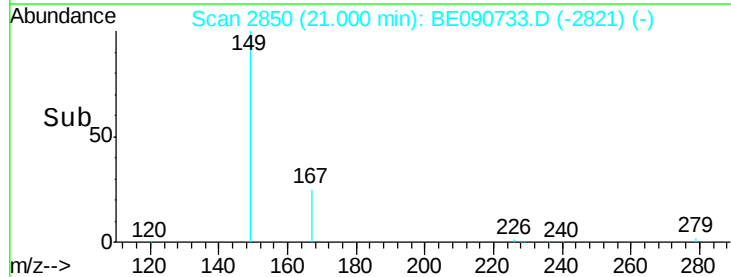
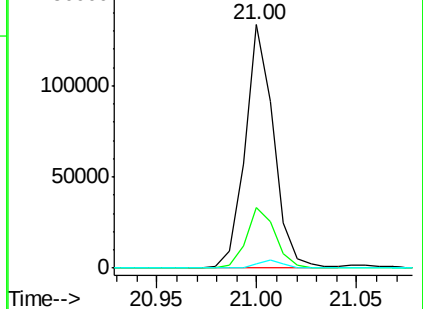
279 3.0 2.3 3.5



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

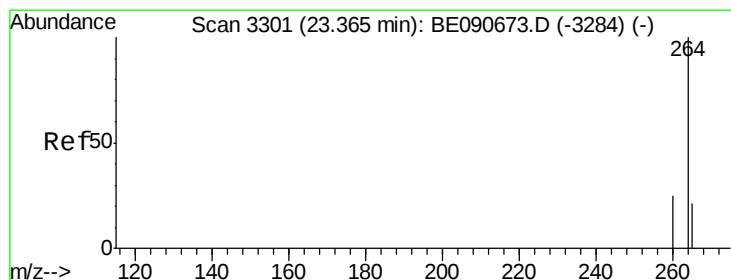
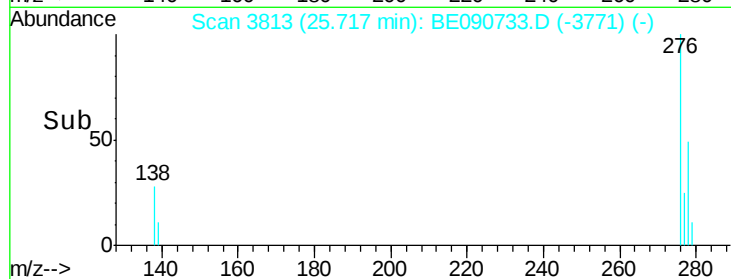
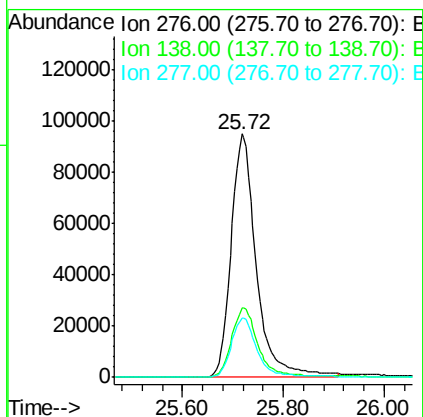
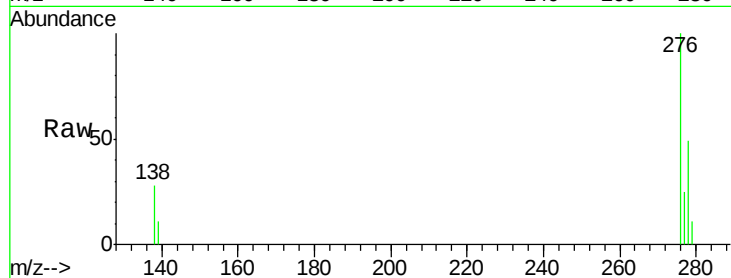




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 4.59 ng
 RT: 25.72 min Scan# 3813
 Delta R.T. -0.01 min
 Lab File: BE090733.D
 Acq: 4 Sep 2015 17:14

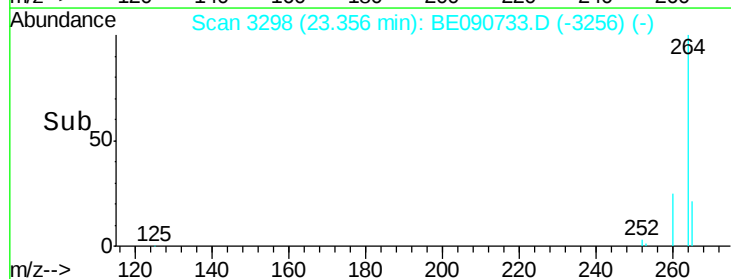
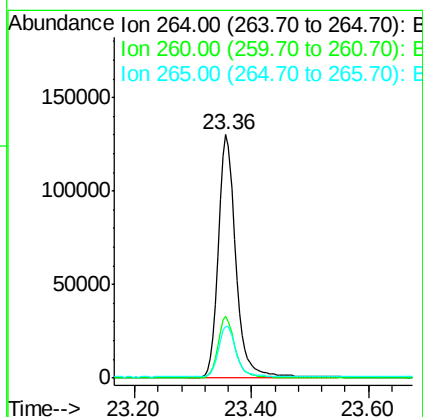
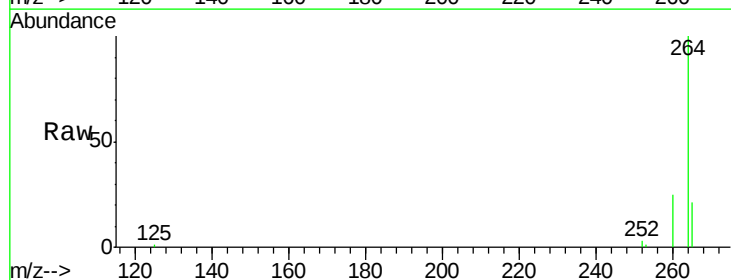
Instrument :
 BNA_E
 ClientSampleId :
 PB85414BSD

Tot Ion:276 Resp: 331005
 Ion Ratio Lower Upper
 276 100
 138 30.1 23.3 34.9
 277 25.0 19.8 29.6



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090733.D
 Acq: 4 Sep 2015 17:14

Tgt Ion:264 Resp: 268938
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 21.4 17.5 26.3





#33

Benzo(b)fluoranthene

Concen: 4.82 ng

RT: 22.66 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

PB85414BSD

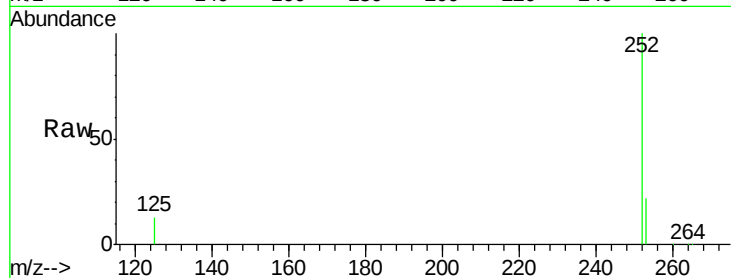
Tot Ion:252 Resp: 280779

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

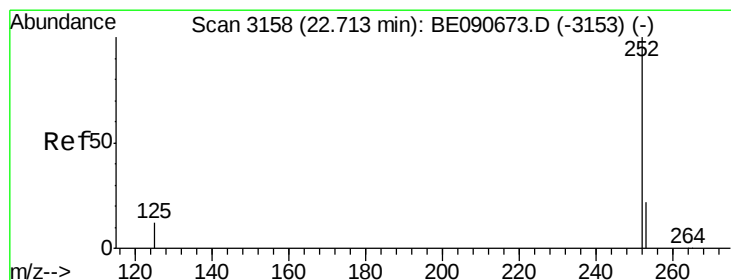
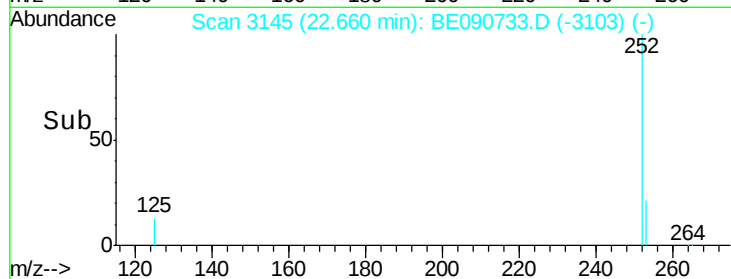
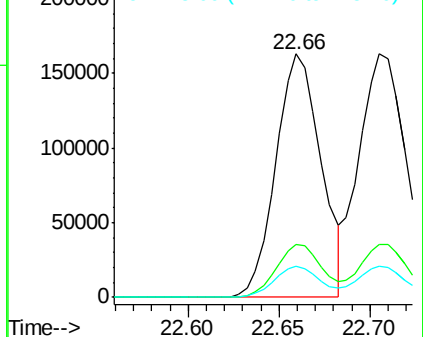
125 12.9 10.6 16.0



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: 4.72 ng

RT: 22.71 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

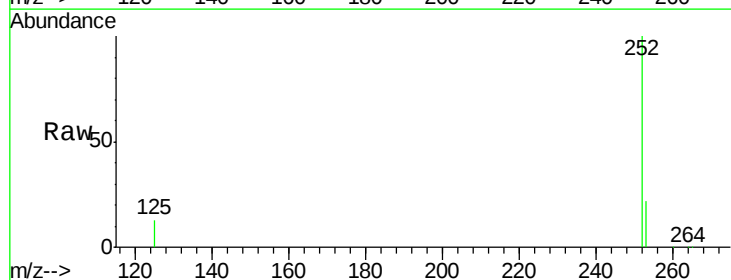
Tgt Ion:252 Resp: 320448

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

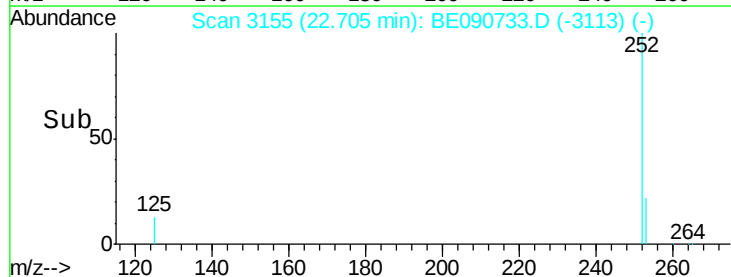
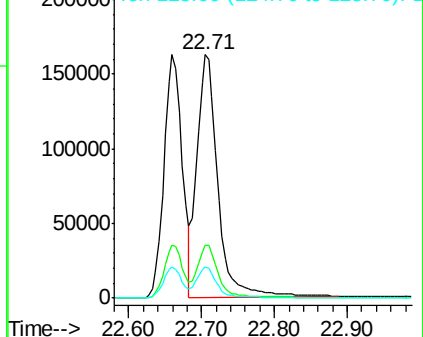
125 12.9 10.1 15.1



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

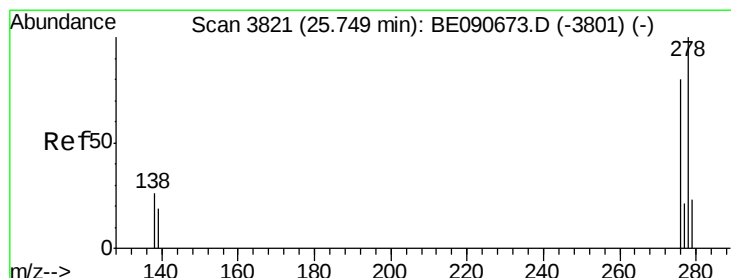
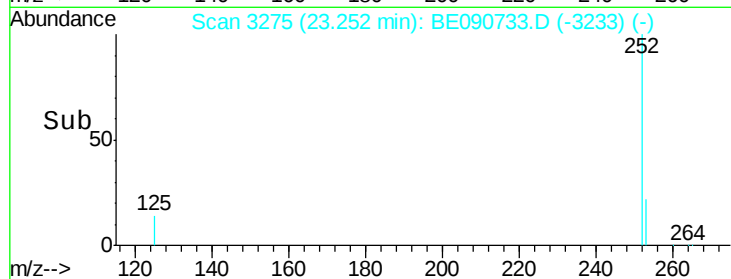
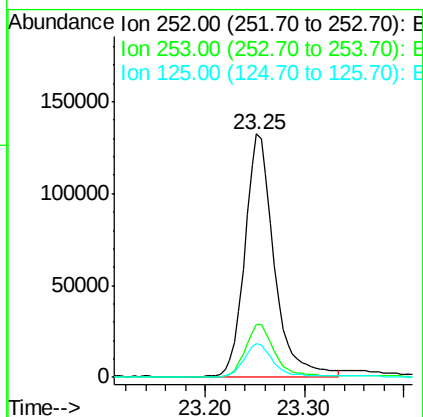
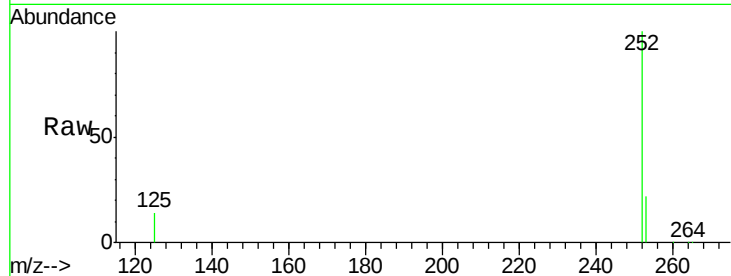




#35
Benzo(a)pyrene
Concen: 5.19 ng
RT: 23.25 min Scan# 3275
Delta R.T. -0.01 min
Lab File: BE090733.D
Acq: 4 Sep 2015 17:14

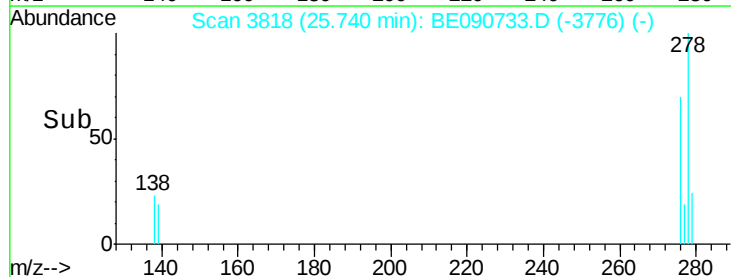
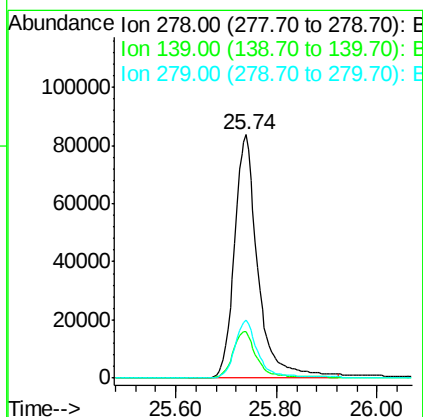
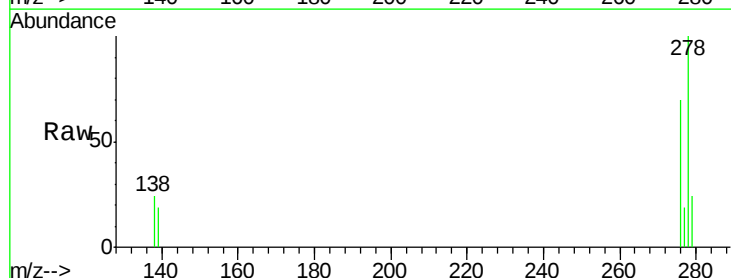
Instrument :
BNA_E
ClientSampleId :
PB85414BSD

Tot Ion:252 Resp: 271003
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 14.1 11.6 17.4



#36
Dibenzo(a,h)anthracene
Concen: 4.30 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090733.D
Acq: 4 Sep 2015 17:14

Tgt Ion:278 Resp: 272468
Ion Ratio Lower Upper
278 100
139 19.0 15.4 23.0
279 23.7 18.8 28.2





#37

Benzo(a,h,i)perylene

Concen: 4.72 ng

RT: 26.44 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BE090733.D

Acq: 4 Sep 2015 17:14

Instrument :

BNA_E

ClientSampleId :

PB85414BSD

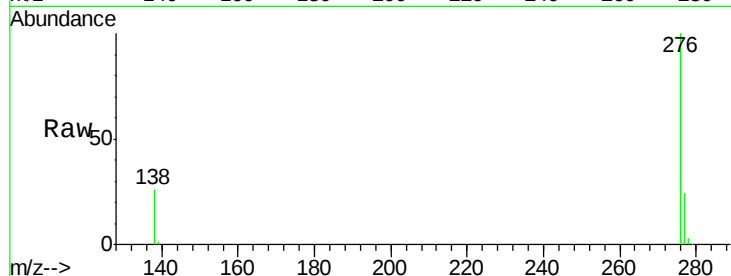
Tot Ion: 276 Resp: 283334

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 26.2 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

