

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
 Data File : BE090750.D
 Acq On : 8 Sep 2015 16:13
 Operator : UM/IZ
 Sample : PB85439BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85439BSD

Quant Time: Sep 08 23:07:13 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:05:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	38506	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	183271	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	100513	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	247942	5.00	ng	0.00
25) Chrysene-d12	21.07	240	313742	5.00	ng	0.00
32) Perylene-d12	23.36	264	274421	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	61755	8.23	ng	0.00
5) Phenol-d6	6.74	99	97187	9.06	ng	-0.01
7) Nitrobenzene-d5	8.69	82	48773	4.03	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	25029	8.47	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	101554	3.65	ng	0.00
27) Terphenyl-d14	19.53	244	158204	4.56	ng	0.00

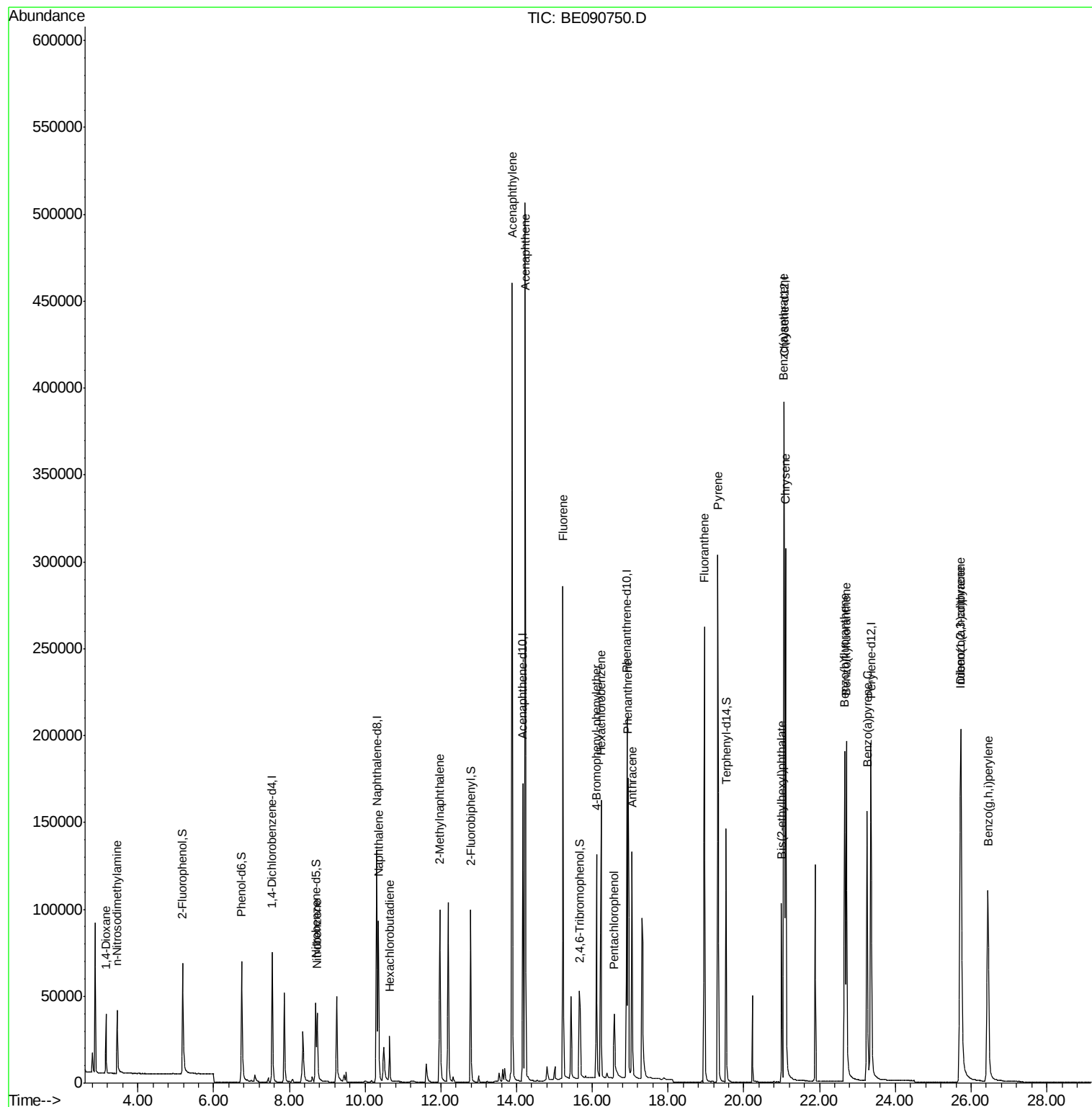
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	18028	3.55	ng	96
3) n-Nitrosodimethylamine	3.45	42	23734	3.46	ng	# 97
8) Nitrobenzene	8.73	77	51099	3.47	ng	98
9) Naphthalene	10.35	128	133454	3.34	ng	99
10) Hexachlorobutadiene	10.65	225	19502	3.12	ng	100
11) 2-Methylnaphthalene	11.97	142	86035	3.98	ng	98
15) Acenaphthylene	13.88	152	590130	3.67	ng	100
16) Acenaphthene	14.23	154	91303	3.40	ng	91
17) Fluorene	15.22	166	120583	3.60	ng	97
19) 4-Bromophenyl-phenylether	16.11	248	30560	3.62	ng	98
20) Hexachlorobenzene	16.23	284	148013	3.64	ng	99
21) Pentachlorophenol	16.58	266	25628	7.48	ng	96
22) Phenanthrene	16.94	178	215052	3.50	ng	99
23) Anthracene	17.05	178	202616	3.95	ng	100
24) Fluoranthene	18.96	202	248778	3.85	ng	99
26) Pyrene	19.32	202	277599	4.28	ng	99
28) Benzo(a)anthracene	21.05	228	272470	3.96	ng	98
29) Chrysene	21.11	228	282667	3.89	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	89962	4.01	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	283514	3.83	ng	99
33) Benzo(b)fluoranthene	22.66	252	240523	4.04	ng	99
34) Benzo(k)fluoranthene	22.71	252	281602	4.06	ng	99
35) Benzo(a)pyrene	23.25	252	230884	4.34	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	233579	3.64	ng	99
37) Benzo(g,h,i)perylene	26.44	276	244289	3.99	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. -0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

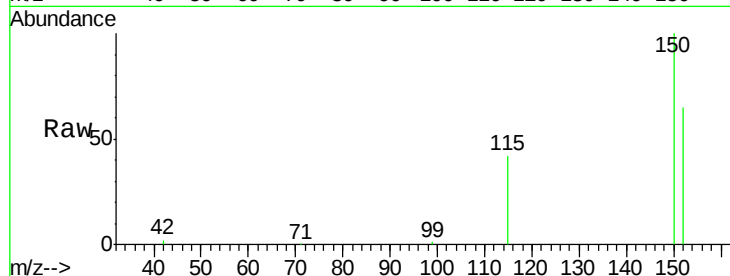
Tgt Ion:152 Resp: 38506

Ion Ratio Lower Upper

152 100

150 153.7 122.2 183.4

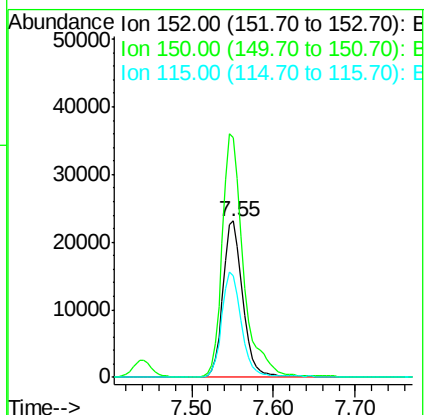
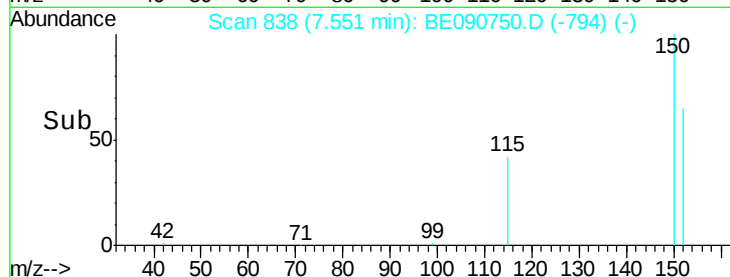
115 65.2 51.0 76.4



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: 3.55 ng

RT: 3.16 min Scan# 82

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

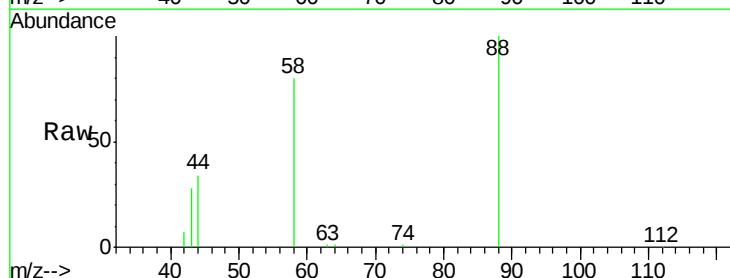
Tgt Ion: 88 Resp: 18028

Ion Ratio Lower Upper

88 100

58 90.4 68.4 102.6

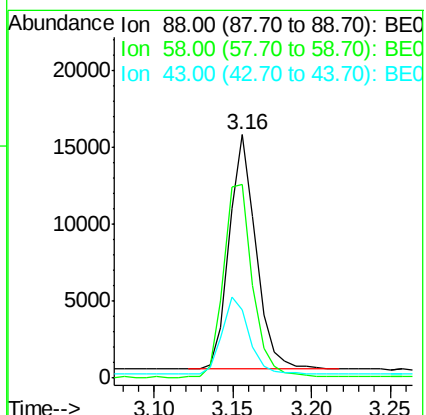
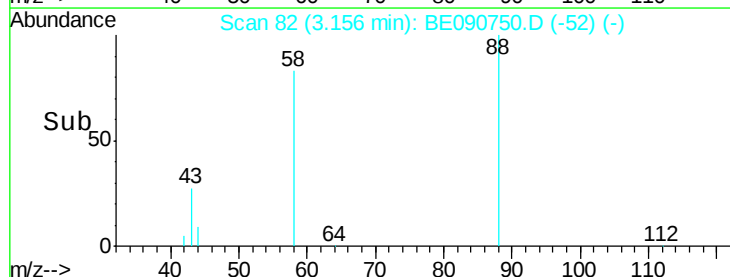
43 33.6 26.9 40.3



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



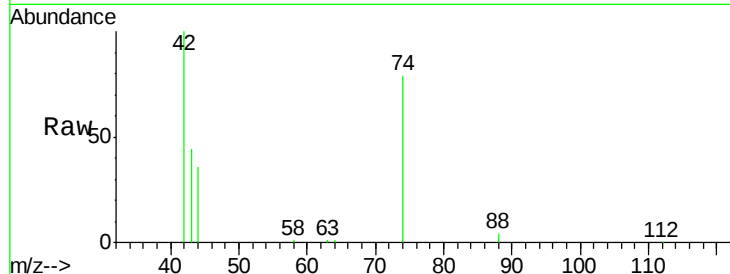


#3

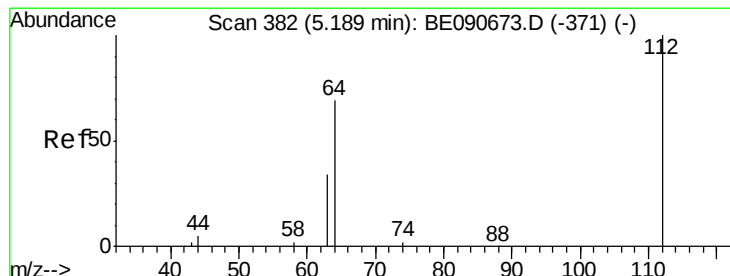
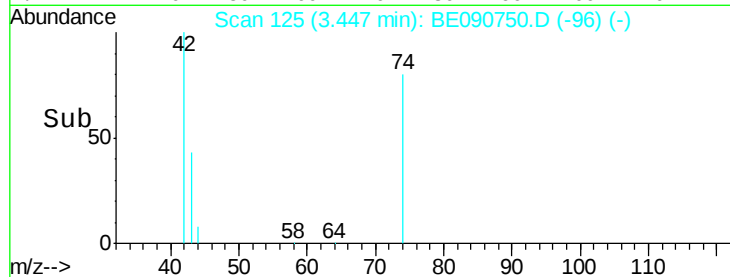
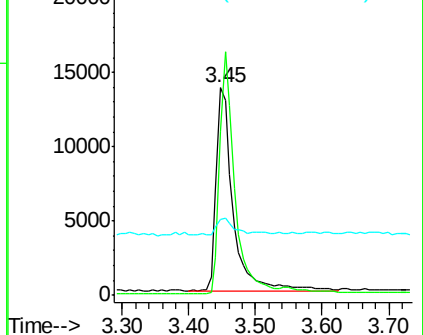
n-Nitrosodimethylamine
 Concen: 3.46 ng
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090750.D
 Acq: 8 Sep 2015 16:13

Instrument :
 BNA_E
 ClientSampleId :
 PB85439BSD

Tgt Ion: 42 Resp: 23734
 Ion Ratio Lower Upper
 42 100
 74 106.8 83.7 125.5
 44 8.7 10.0 15.0#



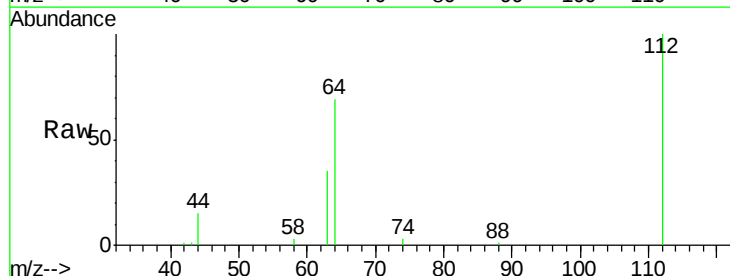
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



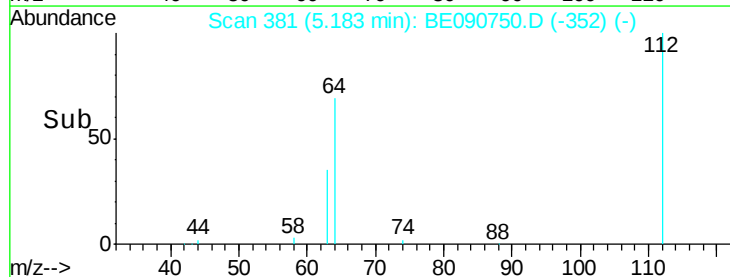
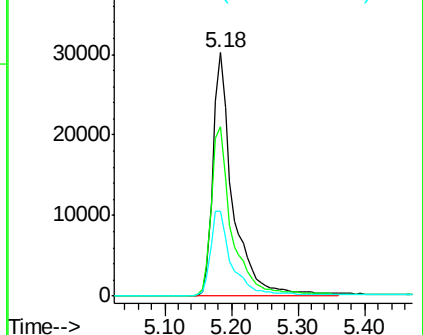
#4

2-Fluorophenol
 Concen: 8.23 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090750.D
 Acq: 8 Sep 2015 16:13

Tgt Ion: 112 Resp: 61755
 Ion Ratio Lower Upper
 112 100
 64 71.8 57.3 85.9
 63 37.0 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: 9.06 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

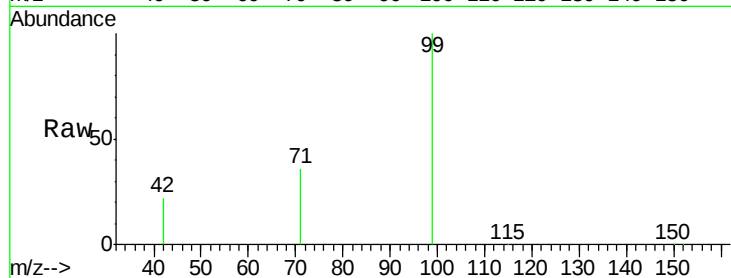
Tgt Ion: 99 Resp: 97187

Ion Ratio Lower Upper

99 100

42 21.9 16.8 25.2

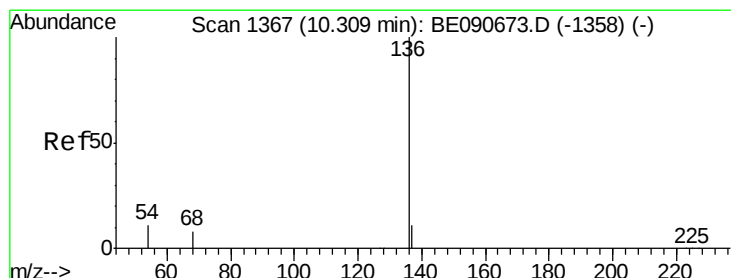
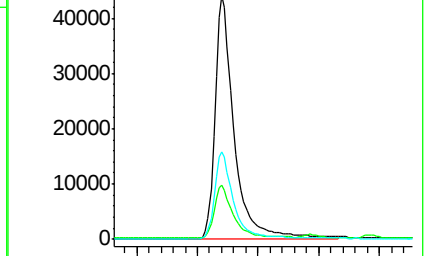
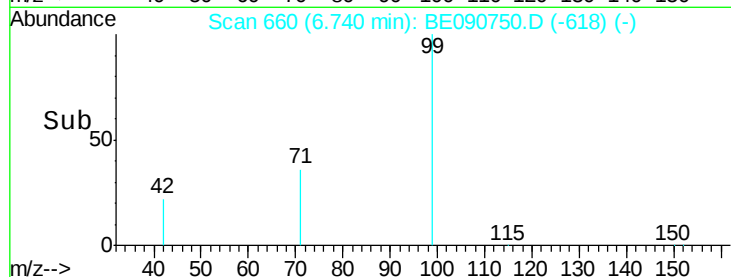
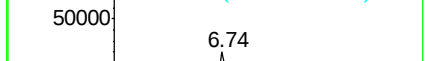
71 36.1 28.3 42.5



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. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Tgt Ion: 136 Resp: 183271

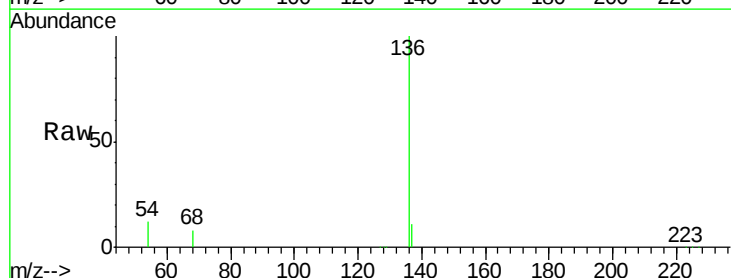
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.6 9.0 13.6

68 8.4 6.3 9.5

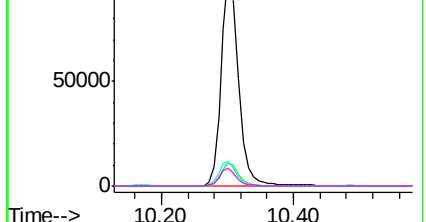
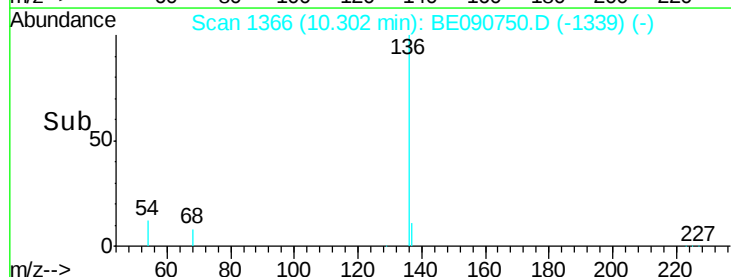
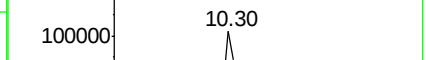


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.03 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

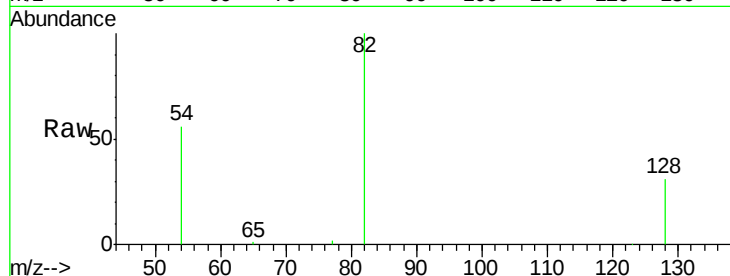
Tgt Ion: 82 Resp: 48773

Ion Ratio Lower Upper

82 100

128 31.1 25.0 37.4

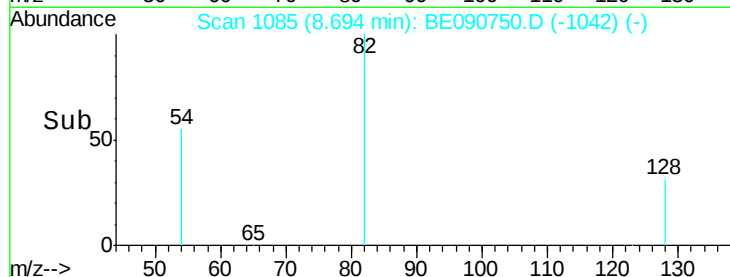
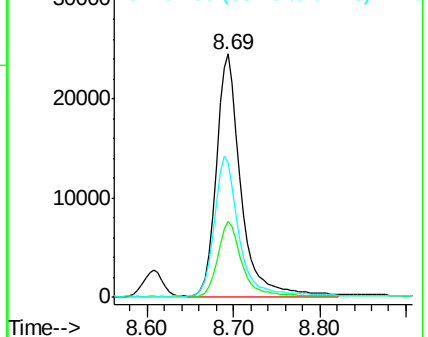
54 55.6 46.3 69.5



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: 3.47 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

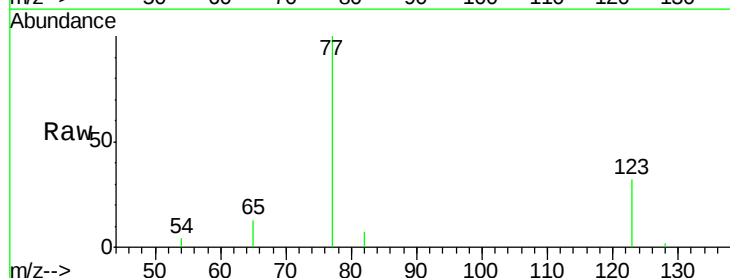
Tgt Ion: 77 Resp: 51099

Ion Ratio Lower Upper

77 100

123 32.8 25.1 37.7

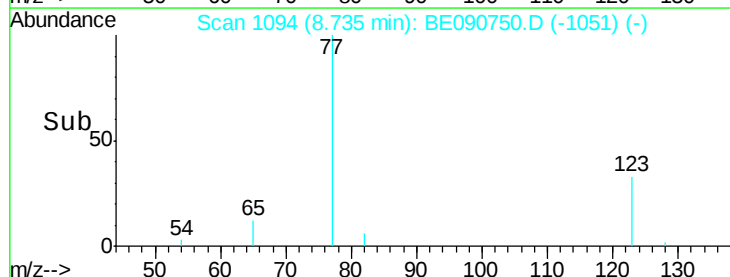
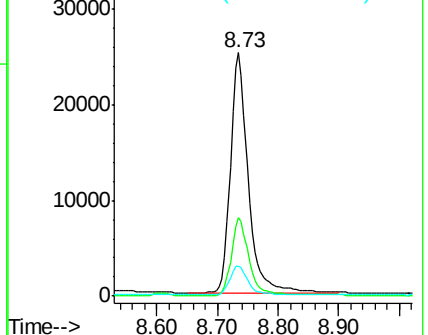
65 12.5 9.9 14.9



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





#9

Naphthalene

Concen: 3.34 ng

RT: 10.35 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

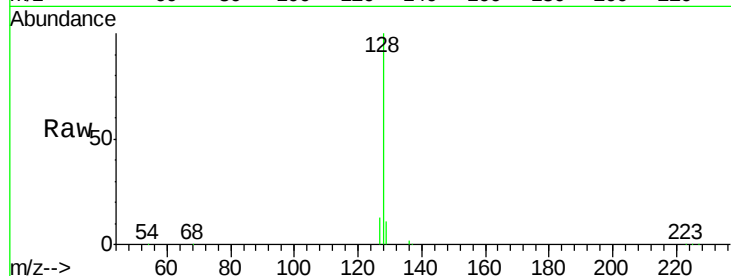
Tgt Ion:128 Resp: 133454

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

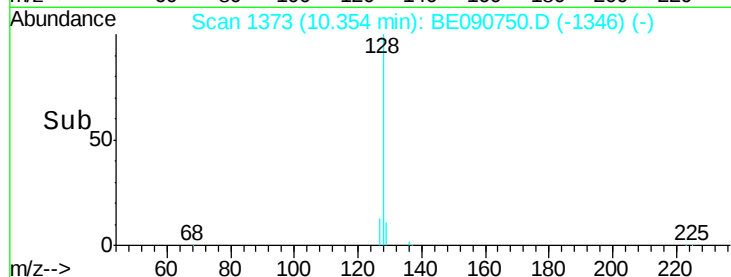
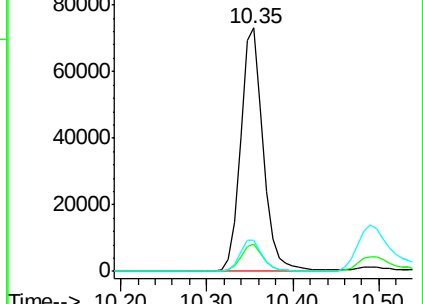
127 12.8 10.6 15.8



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: 3.12 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

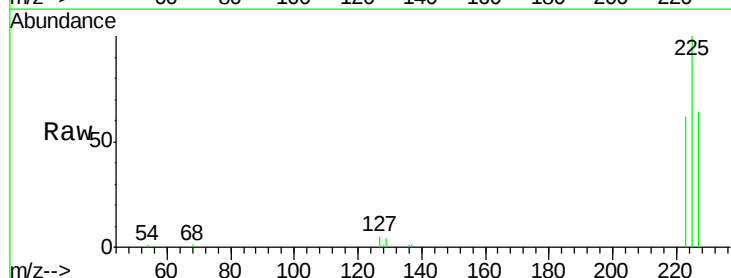
Tgt Ion:225 Resp: 19502

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

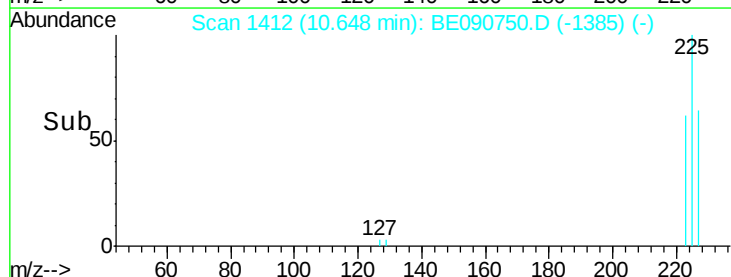
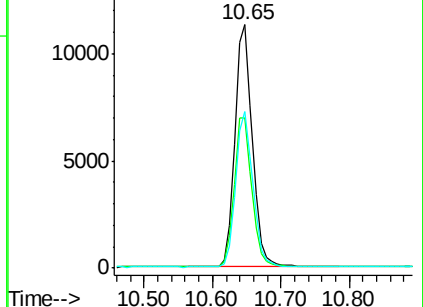
227 63.4 51.0 76.6



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: 3.98 ng

RT: 11.97 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

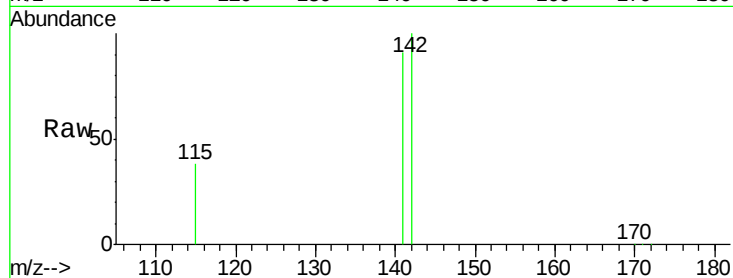
Tgt Ion:142 Resp: 86035

Ion Ratio Lower Upper

142 100

141 90.7 71.4 107.2

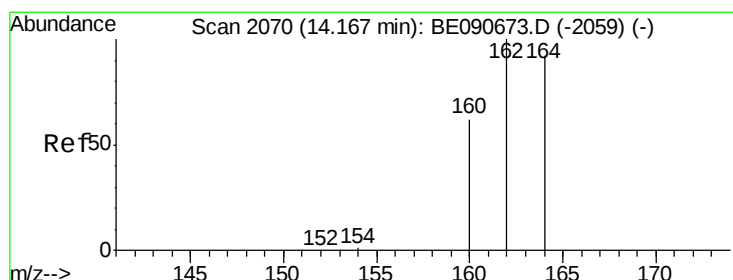
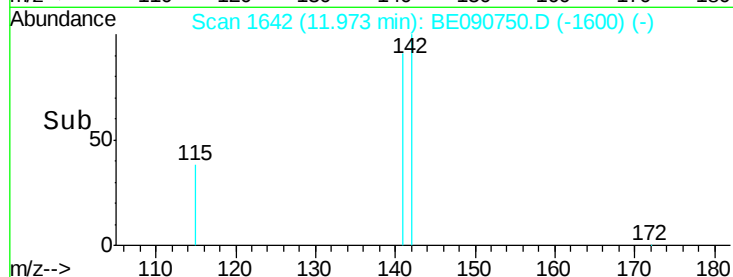
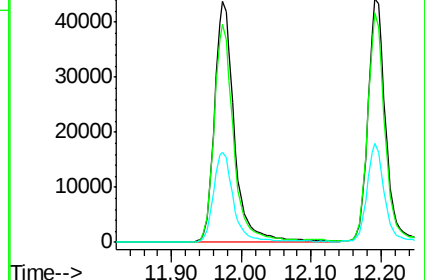
115 37.7 31.0 46.4



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: BE090750.D

Acq: 8 Sep 2015 16:13

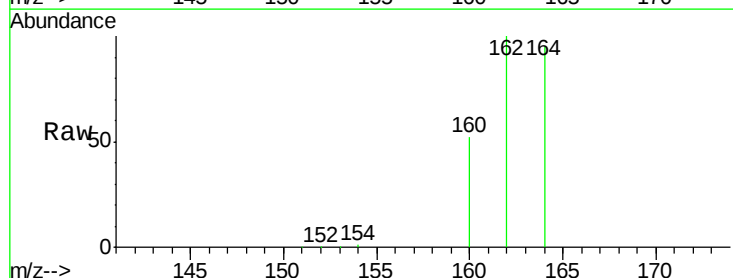
Tgt Ion:164 Resp: 100513

Ion Ratio Lower Upper

164 100

162 105.0 86.8 130.2

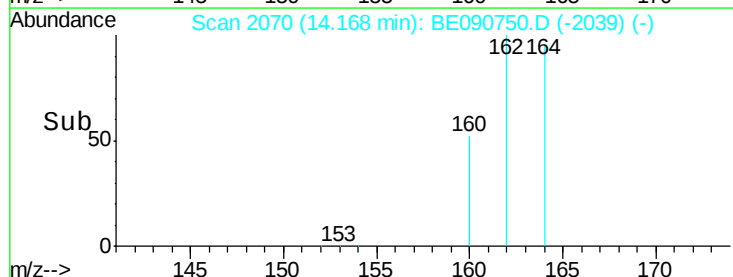
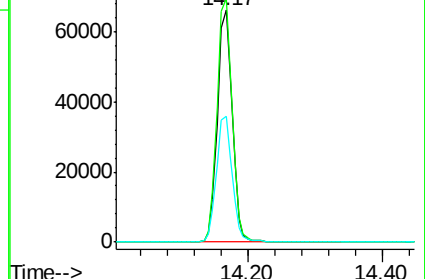
160 54.2 53.9 80.9



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

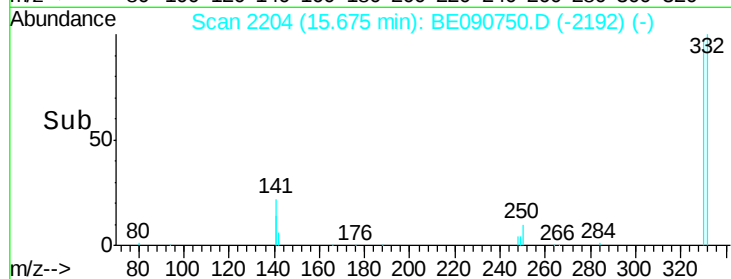
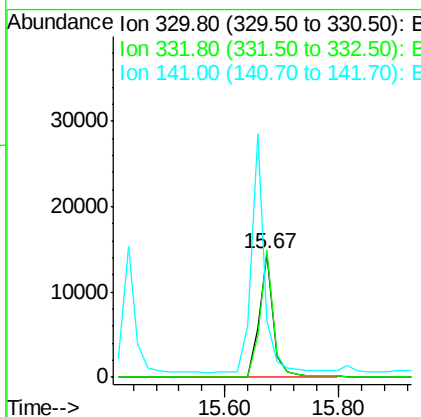
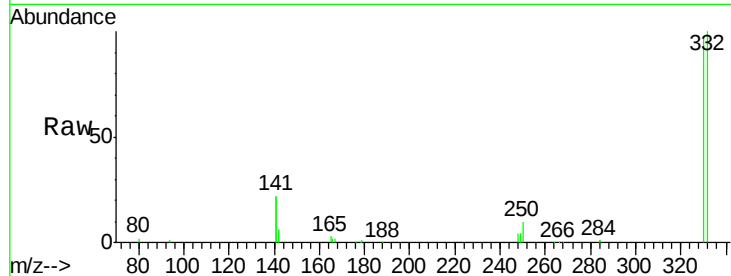




#13
 2,4,6-Tribromophenol
 Concen: 8.47 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE090750.D
 Acq: 8 Sep 2015 16:13

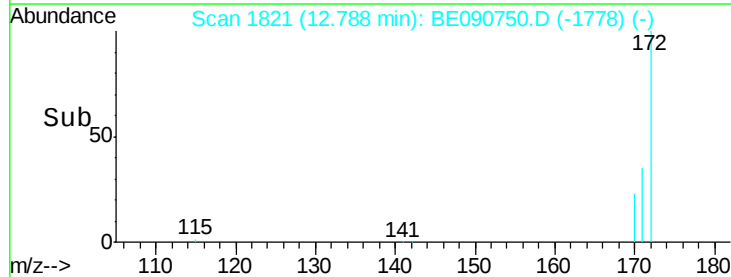
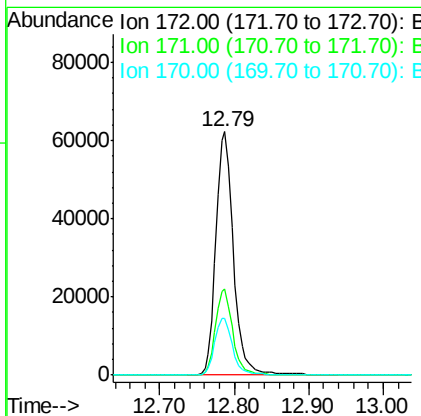
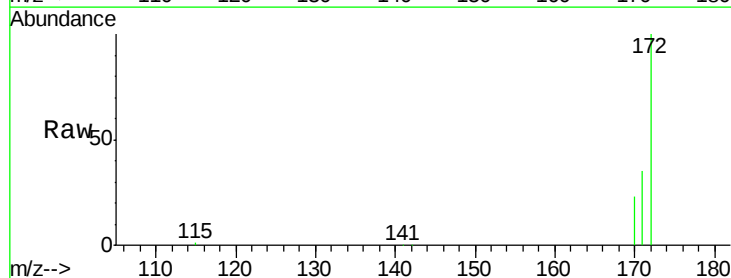
Instrument :
 BNA_E
 ClientSampleId :
 PB85439BSD

Tgt Ion:330 Resp: 25029
 Ion Ratio Lower Upper
 330 100
 332 99.1 74.9 112.3
 141 178.5 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.65 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BE090750.D
 Acq: 8 Sep 2015 16:13

Tgt Ion:172 Resp: 101554
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.8 41.8
 170 23.5 19.8 29.6





#15

Acenaphthylene

Concen: 3.67 ng

RT: 13.88 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

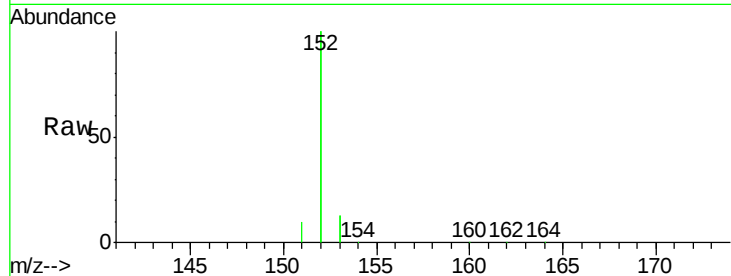
Tgt Ion:152 Resp: 590130

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

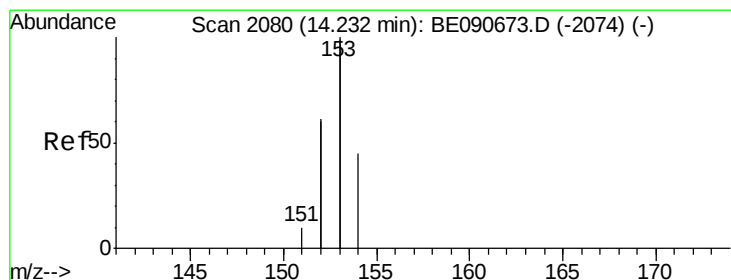
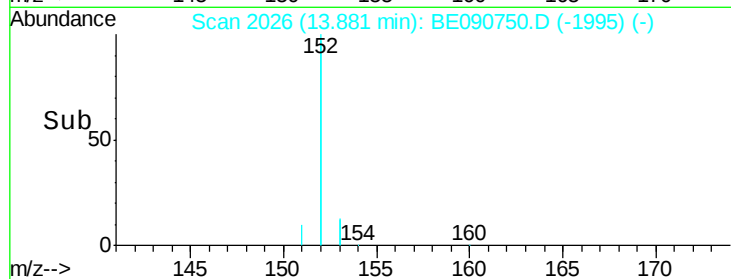
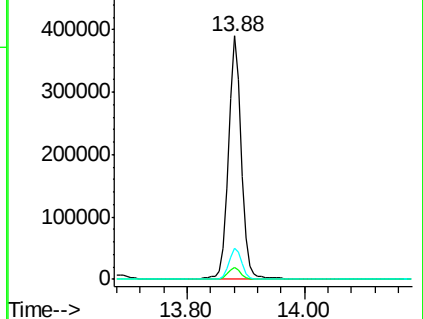
153 12.9 10.3 15.5



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: 3.40 ng

RT: 14.23 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

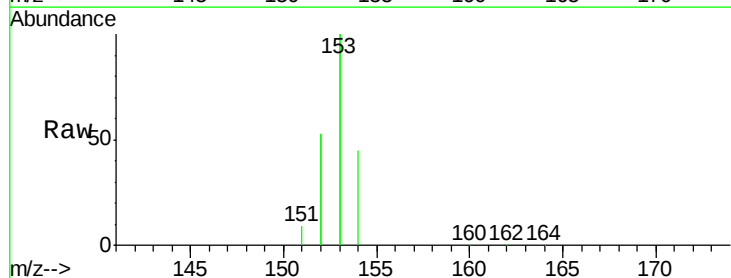
Tgt Ion:154 Resp: 91303

Ion Ratio Lower Upper

154 100

153 442.1 354.5 531.7

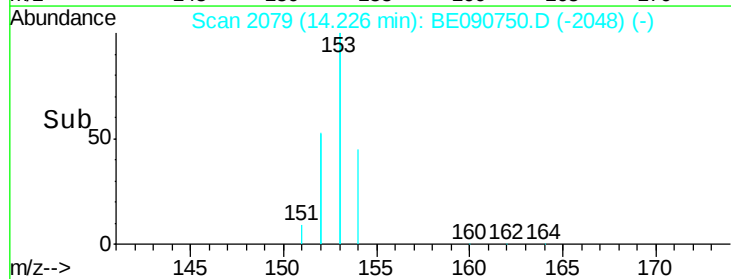
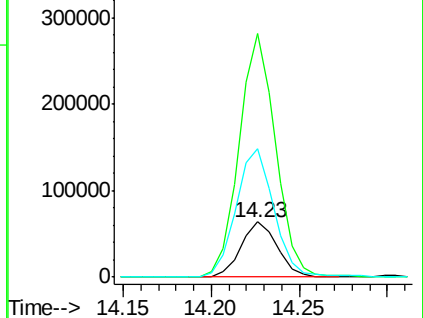
152 241.4 227.8 341.6



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

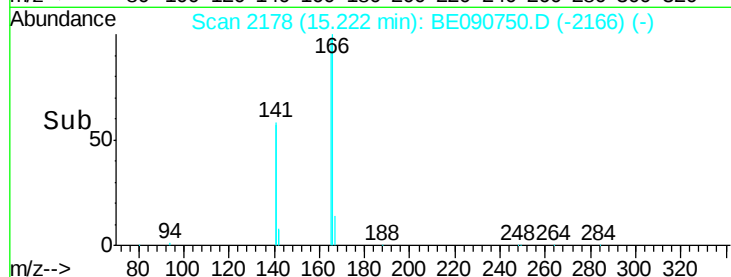
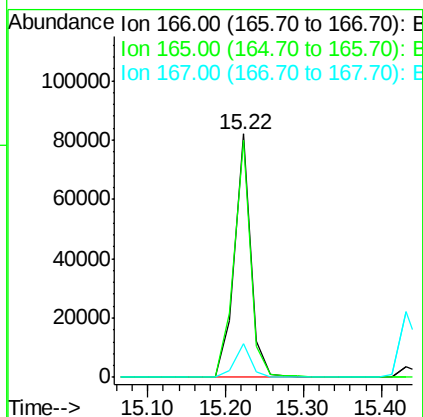
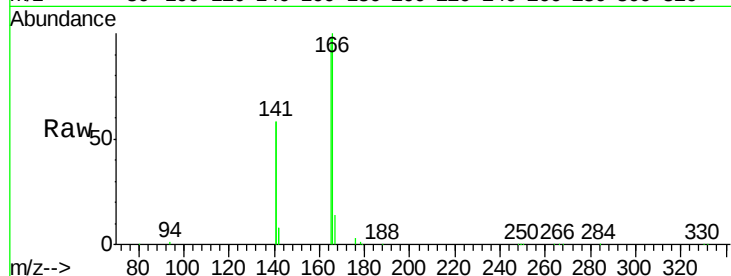




#17
Fluorene
Concen: 3.60 ng
RT: 15.22 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

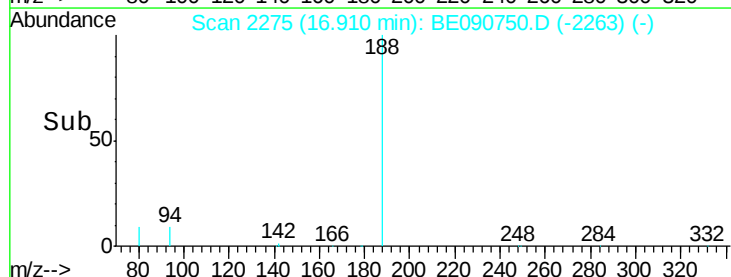
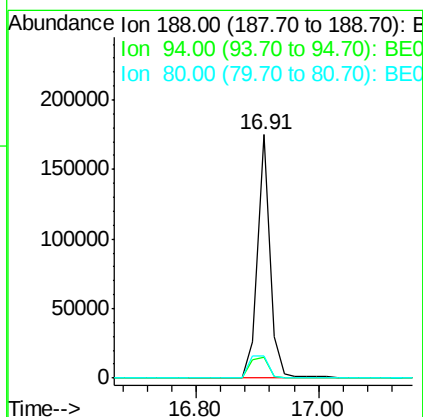
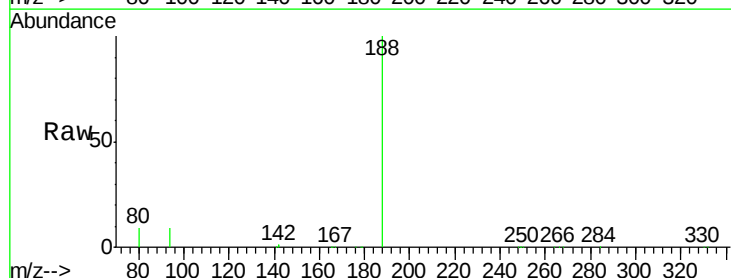
Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:166 Resp: 120583
Ion Ratio Lower Upper
166 100
165 99.5 82.7 124.1
167 13.7 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: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:188 Resp: 247942
Ion Ratio Lower Upper
188 100
94 8.6 10.3 15.5#
80 8.9 11.0 16.6#





#19

4-Bromophenyl-phenylether

Concen: 3.62 ng

RT: 16.11 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

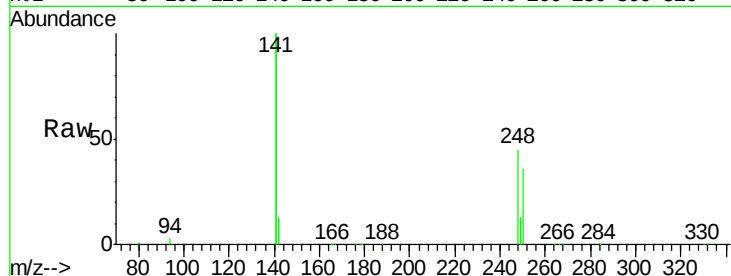
Tgt Ion:248 Resp: 30560

Ion Ratio Lower Upper

248 100

250 96.7 76.7 115.1

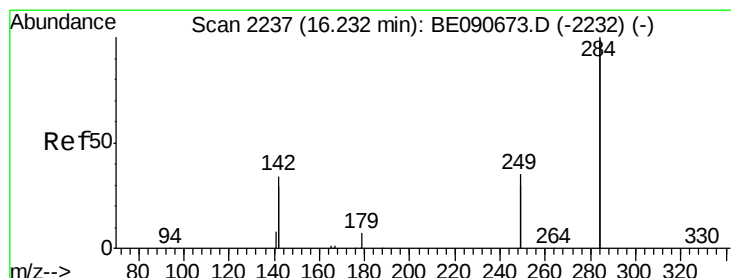
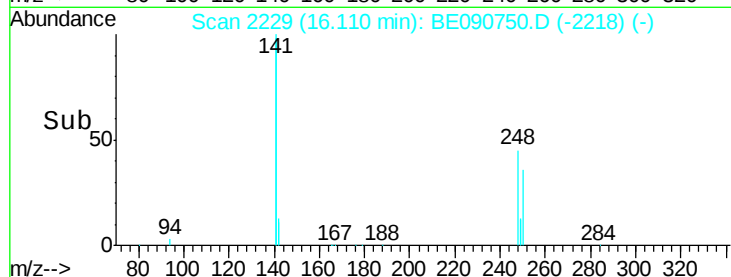
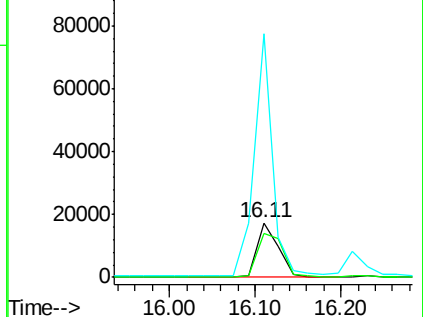
141 370.6 292.6 439.0



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: 3.64 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

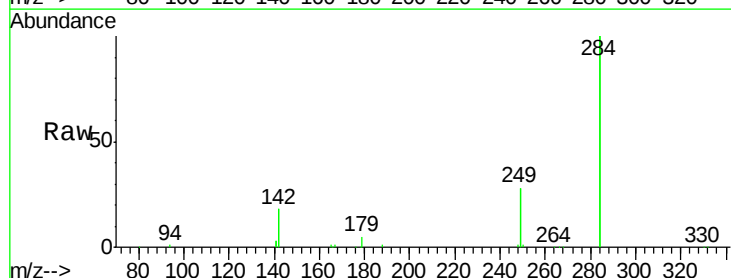
Tgt Ion:284 Resp: 148013

Ion Ratio Lower Upper

284 100

142 42.6 35.0 52.4

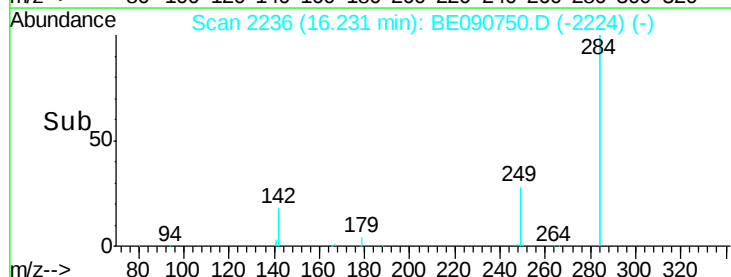
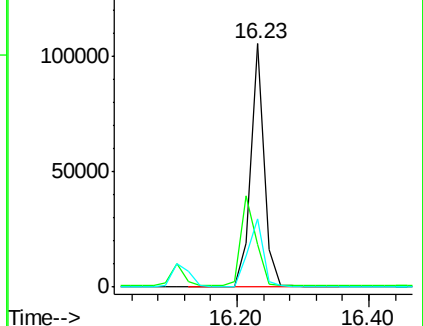
249 31.6 25.5 38.3



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: 7.48 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

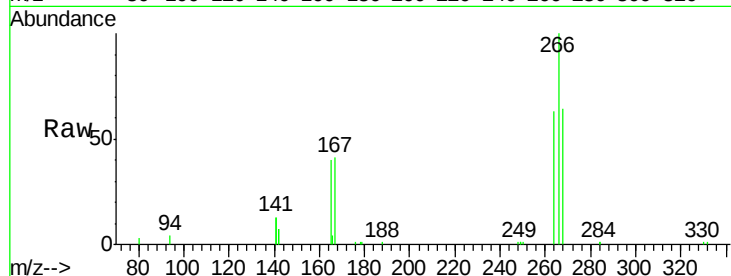
Tgt Ion:266 Resp: 25628

Ion Ratio Lower Upper

266 100

268 64.1 49.6 74.4

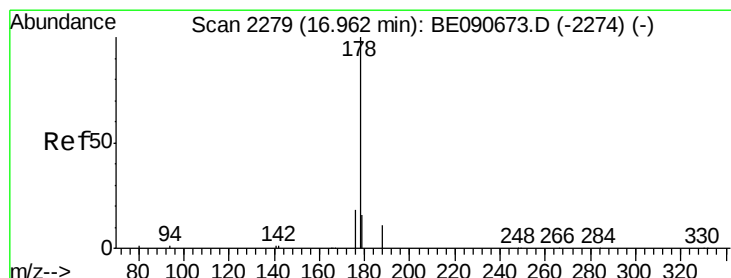
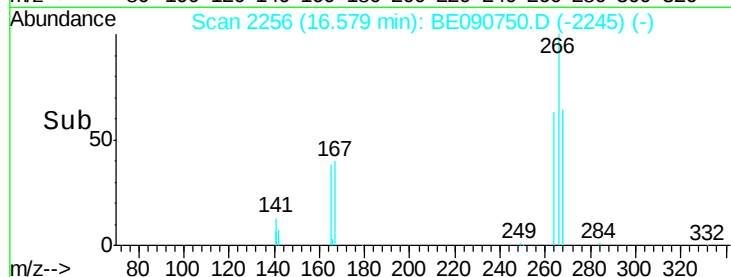
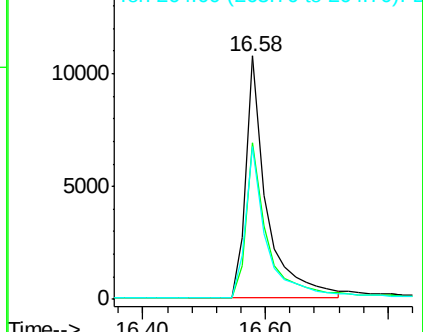
264 62.7 53.9 80.9



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: 3.50 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

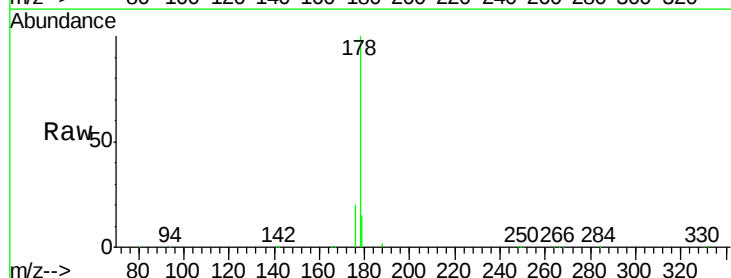
Tgt Ion:178 Resp: 215052

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

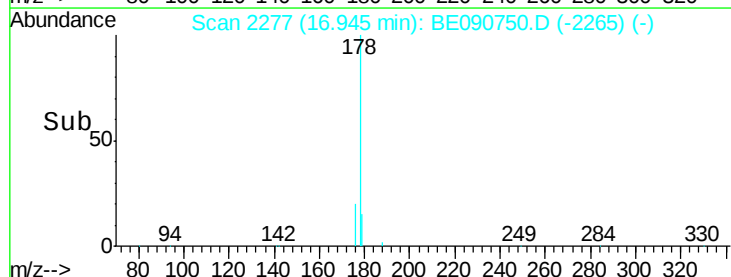
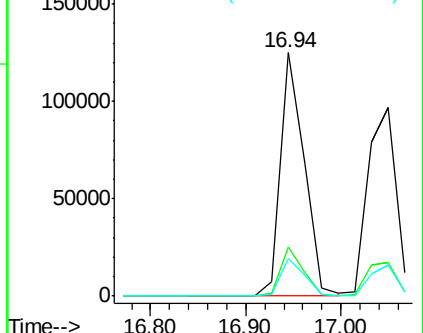
179 15.5 12.8 19.2



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: 3.95 ng

RT: 17.05 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

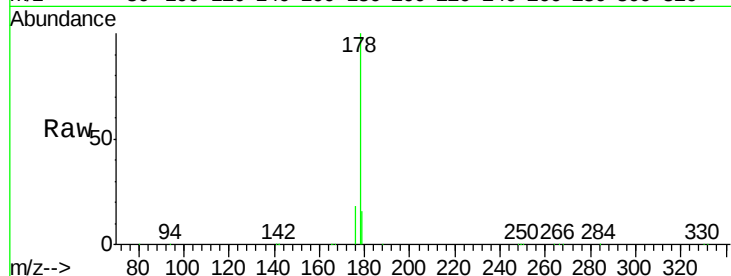
Tgt Ion:178 Resp: 202616

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

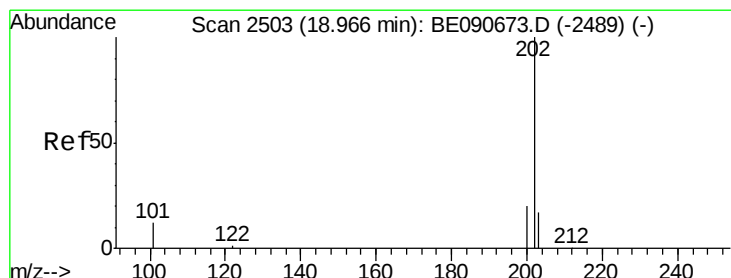
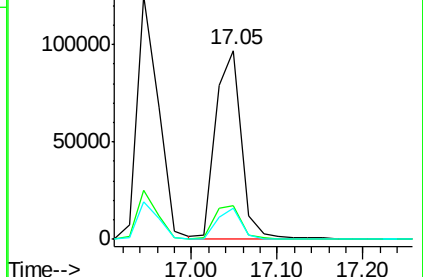
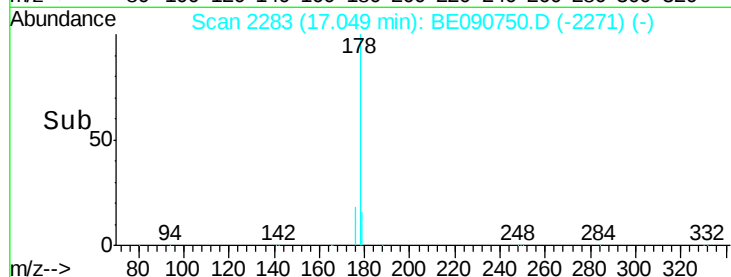
179 15.4 12.3 18.5



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: 3.85 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

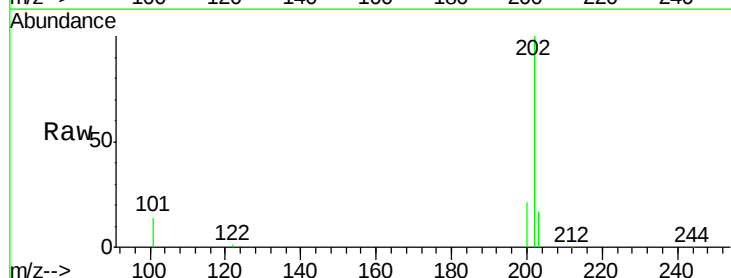
Tgt Ion:202 Resp: 248778

Ion Ratio Lower Upper

202 100

101 14.1 11.0 16.6

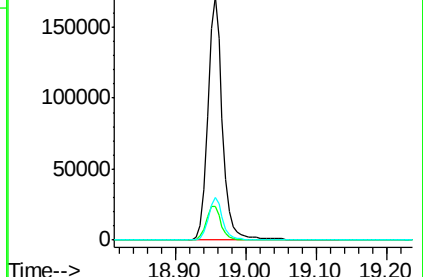
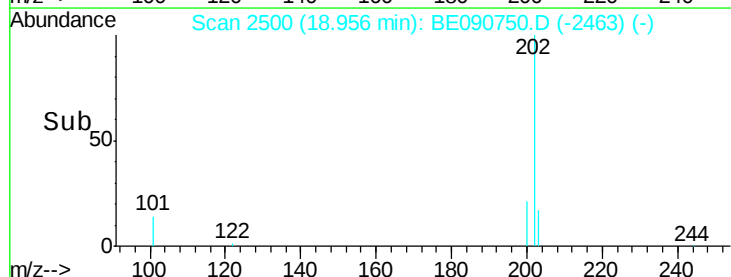
203 17.3 13.9 20.9

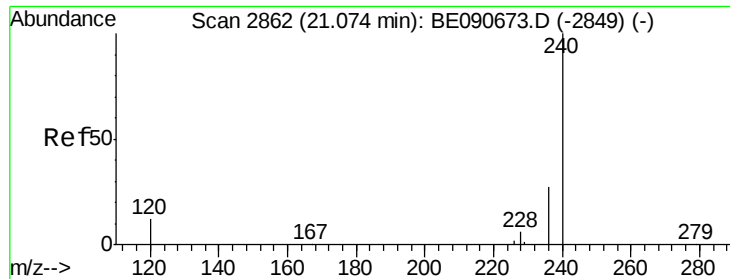


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2860

Delta R.T. -0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

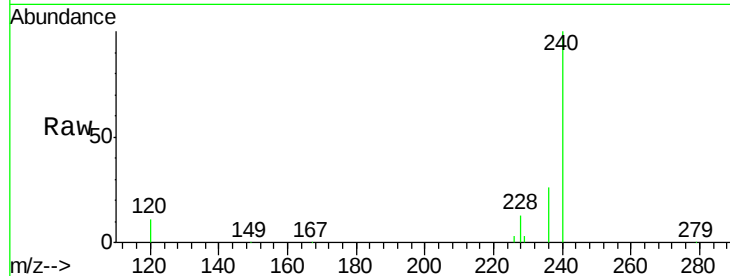
Tgt Ion:240 Resp: 313742

Ion Ratio Lower Upper

240 100

120 11.1 10.1 15.1

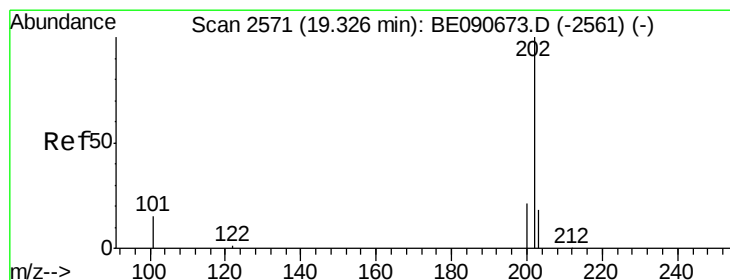
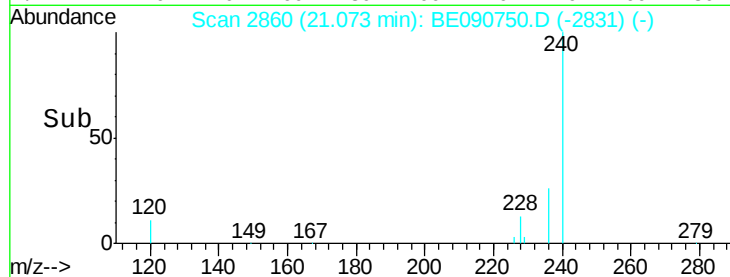
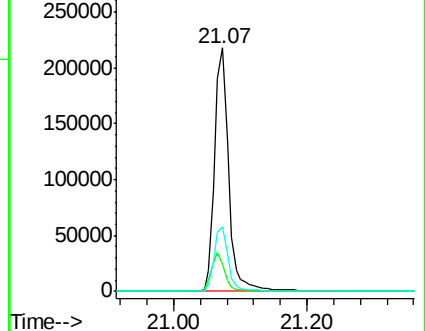
236 26.4 21.9 32.9



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: 4.28 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

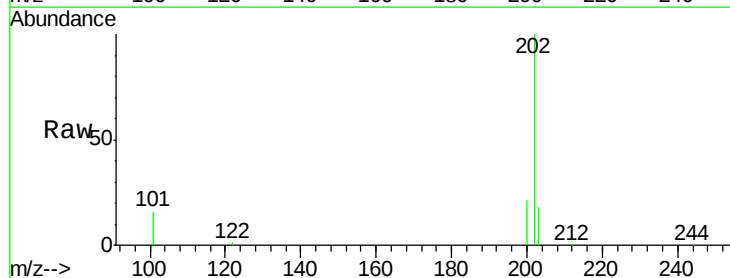
Tgt Ion:202 Resp: 277599

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

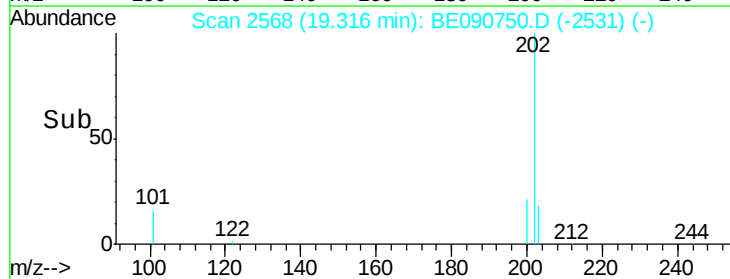
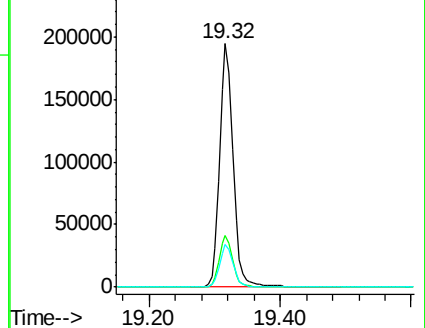
203 17.9 13.8 20.6



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

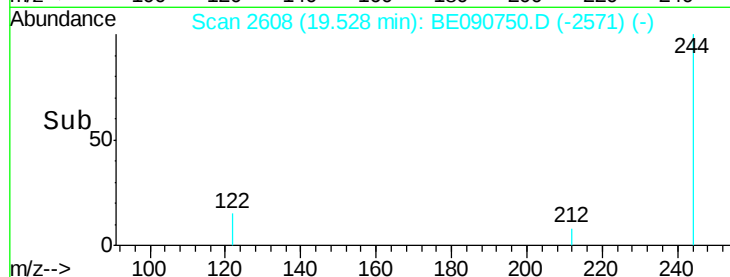
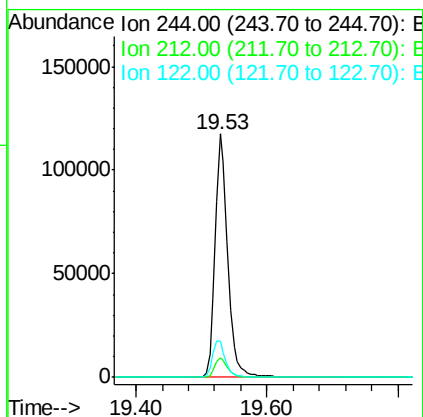
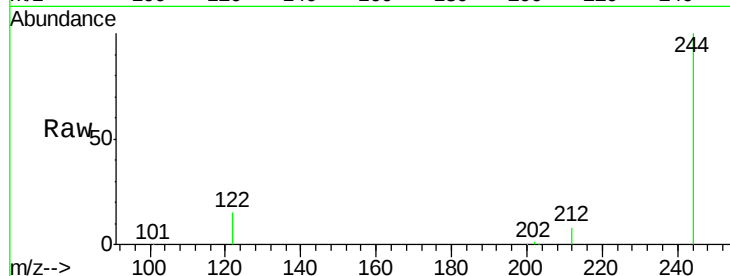




#27
 Terphenyl-d14
 Concen: 4.56 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BE090750.D
 Acq: 8 Sep 2015 16:13

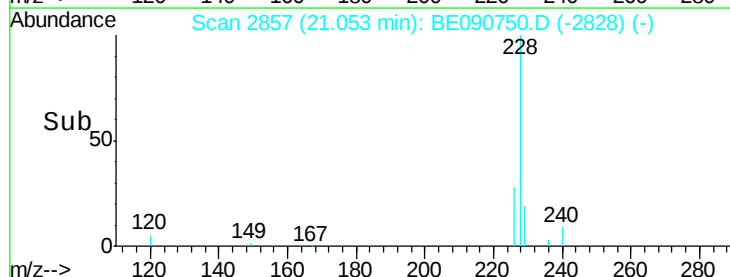
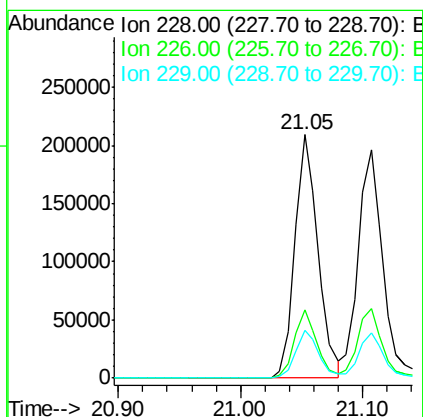
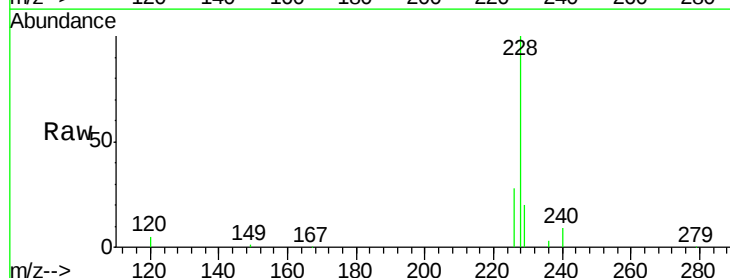
Instrument :
 BNA_E
 ClientSampleId :
 PB85439BSD

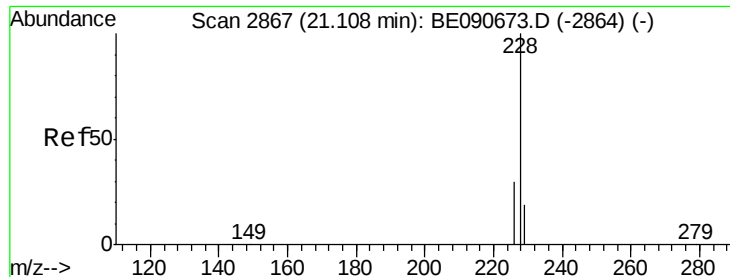
Tgt Ion:244 Resp: 158204
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 15.0 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 3.96 ng
 RT: 21.05 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BE090750.D
 Acq: 8 Sep 2015 16:13

Tgt Ion:228 Resp: 272470
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.6 32.4
 229 19.5 15.9 23.9





#29

Chrysene

Concen: 3.89 ng

RT: 21.11 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

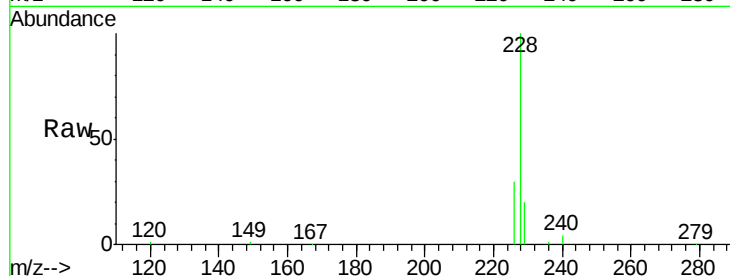
Tgt Ion:228 Resp: 282667

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

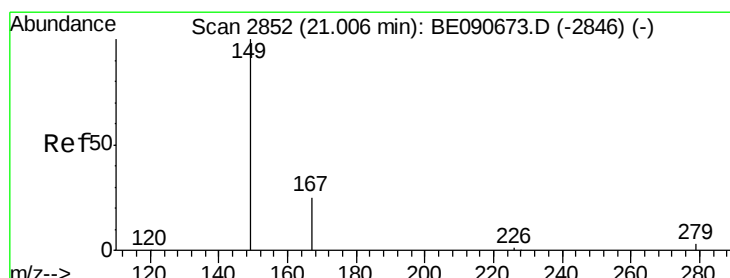
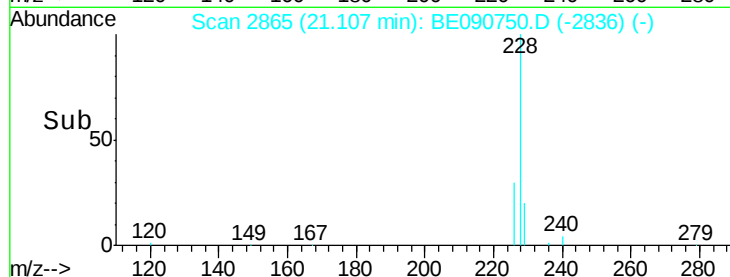
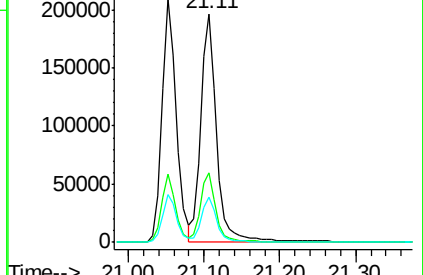
229 19.9 15.3 22.9



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: 4.01 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

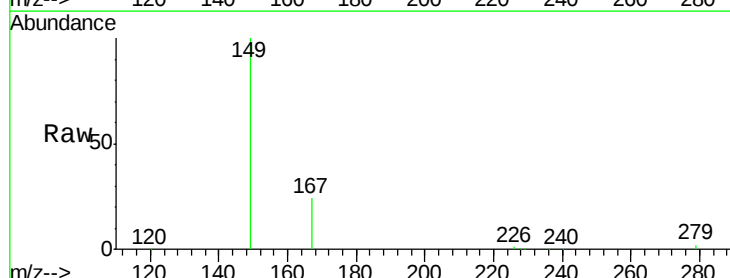
Tgt Ion:149 Resp: 89962

Ion Ratio Lower Upper

149 100

167 25.5 20.1 30.1

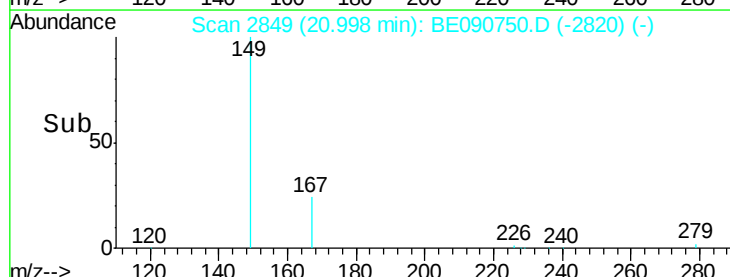
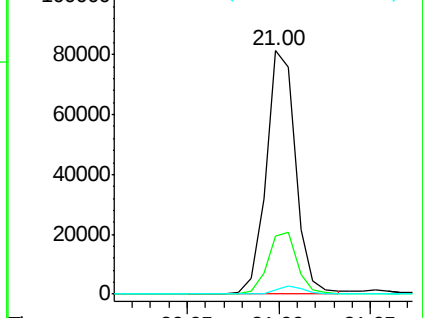
279 3.0 2.3 3.5



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: 3.83 ng

RT: 25.72 min Scan# 3813

Delta R.T. -0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

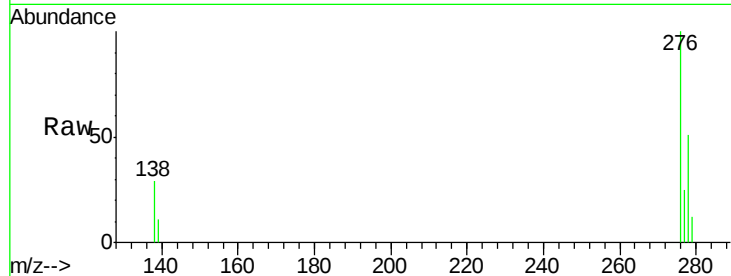
Tgt Ion:276 Resp: 283514

Ion Ratio Lower Upper

276 100

138 30.1 23.3 34.9

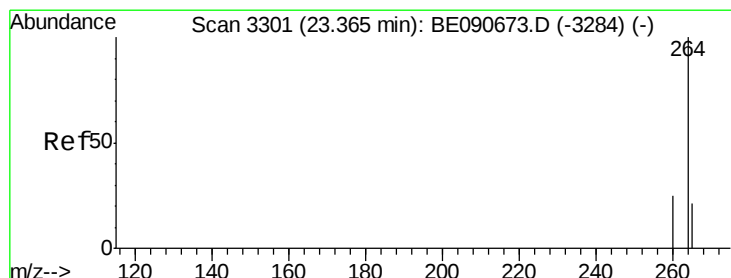
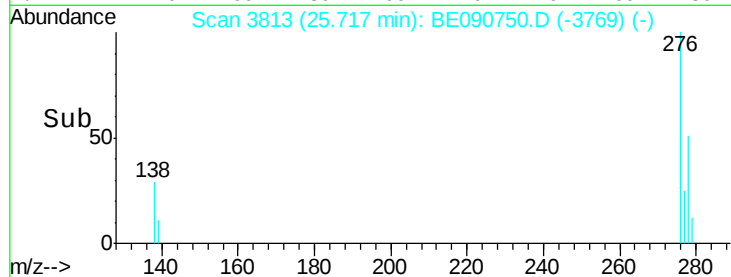
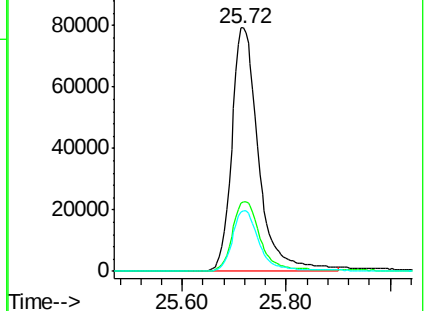
277 24.7 19.8 29.6



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: 23.36 min Scan# 3298

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

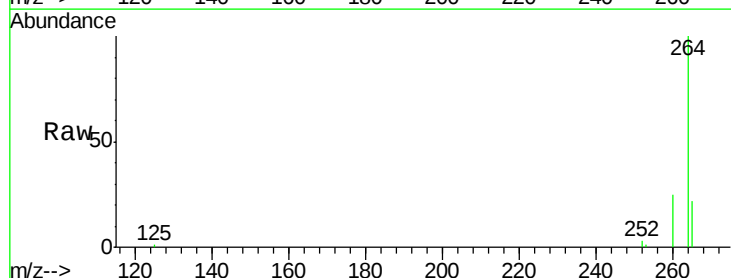
Tgt Ion:264 Resp: 274421

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

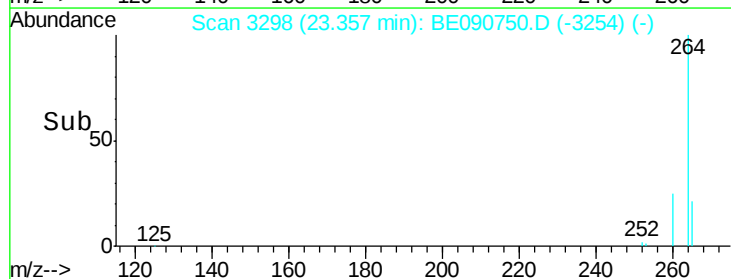
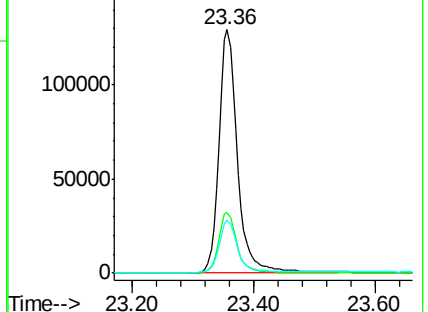
265 21.9 17.5 26.3



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: 4.04 ng

RT: 22.66 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

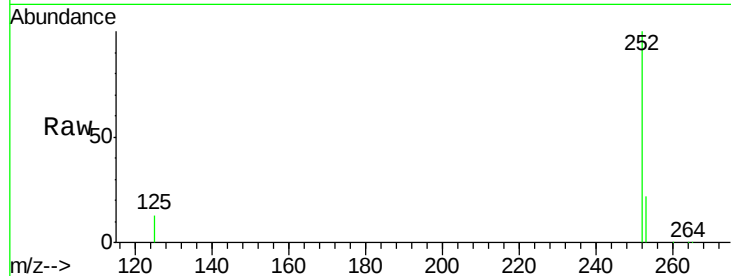
Tgt Ion:252 Resp: 240523

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

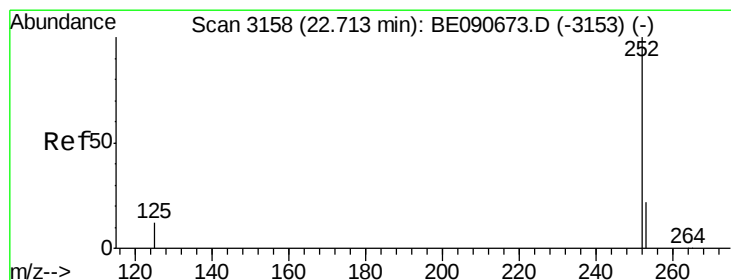
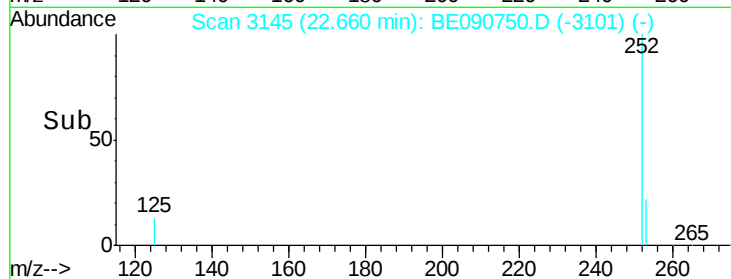
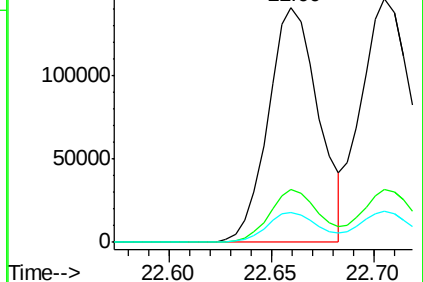
125 12.7 10.6 16.0



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: 4.06 ng

RT: 22.71 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

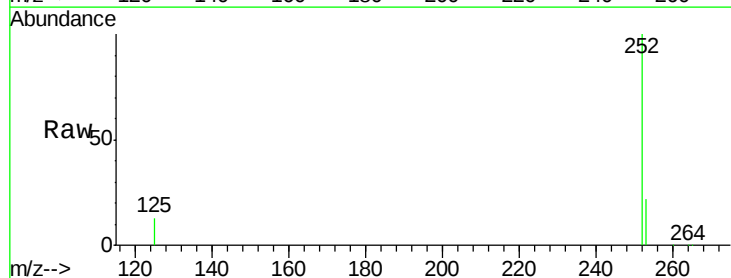
Tgt Ion:252 Resp: 281602

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

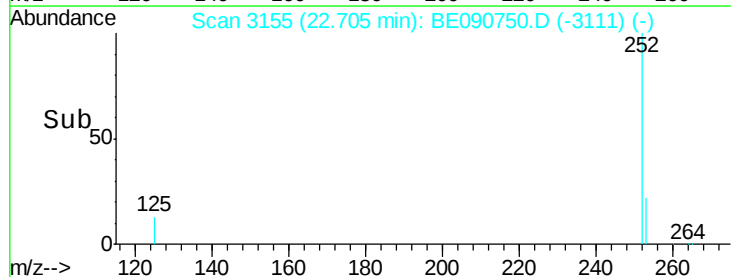
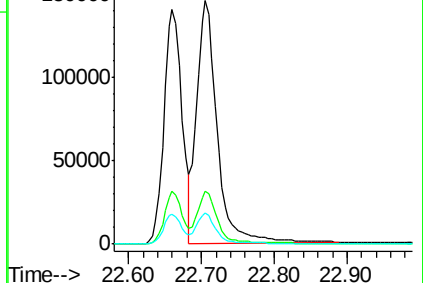
125 12.7 10.1 15.1



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: 4.34 ng

RT: 23.25 min Scan# 3275

Delta R.T. 0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD

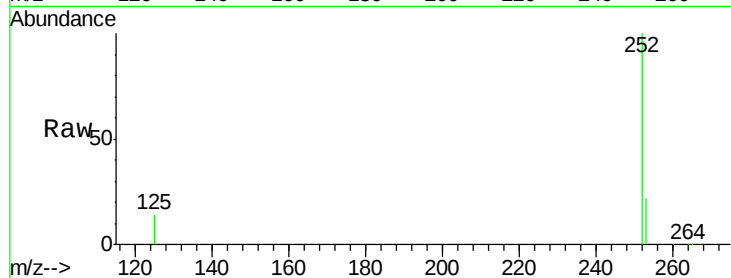
Tgt Ion:252 Resp: 230884

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

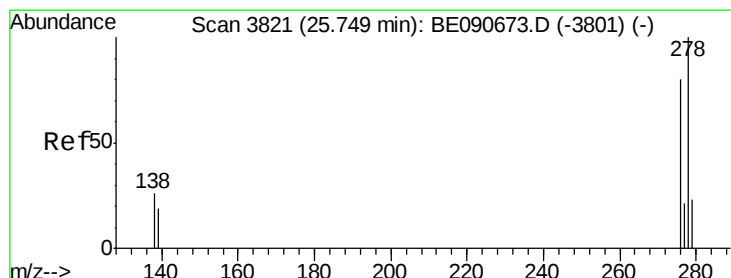
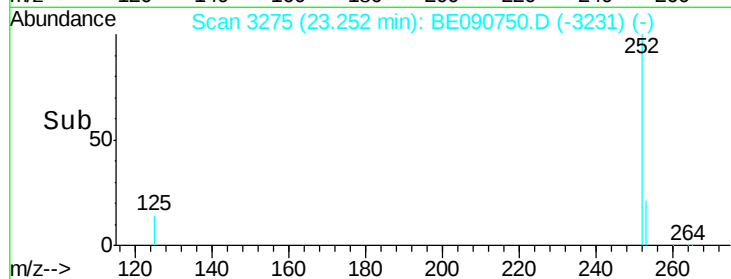
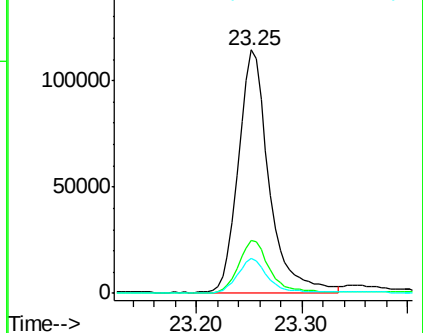
125 14.4 11.6 17.4



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: 3.64 ng

RT: 25.74 min Scan# 3817

Delta R.T. -0.00 min

Lab File: BE090750.D

Acq: 8 Sep 2015 16:13

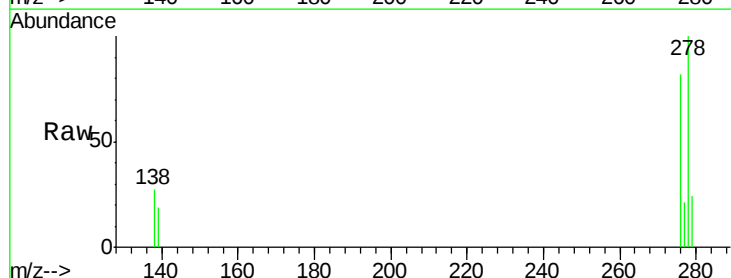
Tgt Ion:278 Resp: 233579

Ion Ratio Lower Upper

278 100

139 19.1 15.4 23.0

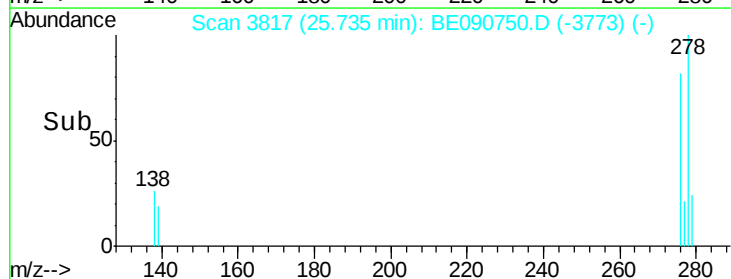
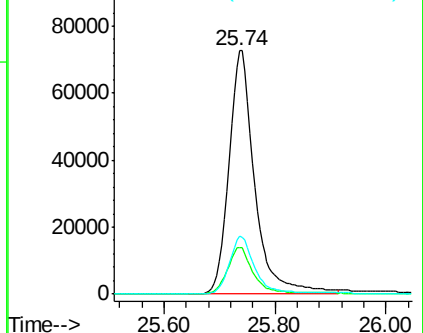
279 24.1 18.8 28.2



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: 3.99 ng

RT: 26.44 min Scan# 3972

Delta R.T. -0.00 min

Lab File: BE090750.D

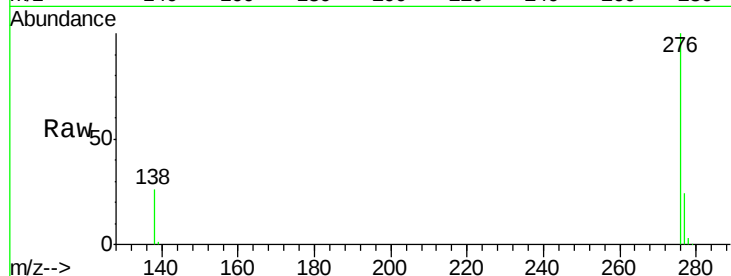
Acq: 8 Sep 2015 16:13

Instrument :

BNA_E

ClientSampleId :

PB85439BSD



Tgt Ion: 276 Resp: 244289

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 25.8 20.1 30.1

