

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070815\
 Data File : BE090064.D
 Acq On : 8 Jul 2015 18:30
 Operator : TP/IZ
 Sample : PB84399BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84399BS

Quant Time: Jul 09 01:19:31 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	15837	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	69989	5.00	ng	-0.01
12) Acenaphthene-d10	14.22	164	39669	5.00	ng	-0.01
18) Phenanthrene-d10	16.96	188	87819	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	106604	5.00	ng	-0.01
32) Perylene-d12	23.43	264	92954	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	20279	5.57	ng	0.00
5) Phenol-d6	6.80	99	30958	6.08	ng	0.00
7) Nitrobenzene-d5	8.75	82	20274	3.65	ng	-0.01
13) 2,4,6-Tribromophenol	15.73	330	7194	6.19	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	47275	3.97	ng	-0.01
27) Terphenyl-d14	19.58	244	71976	4.05	ng	0.00

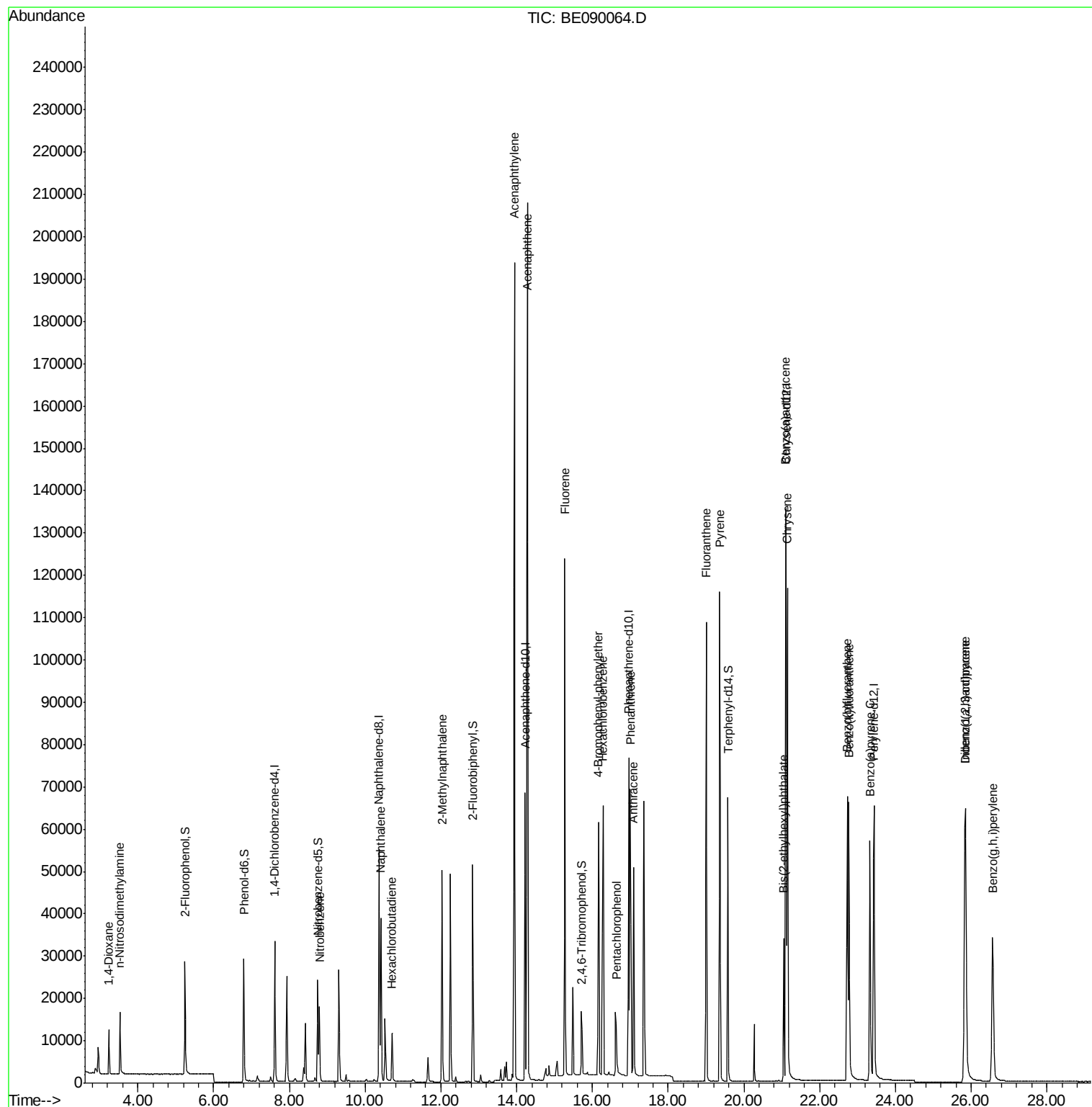
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	6354	2.92	ng	97
3) n-Nitrosodimethylamine	3.52	42	8716	2.96	ng	99
8) Nitrobenzene	8.79	77	19852	3.37	ng	98
9) Naphthalene	10.42	128	52297	3.30	ng	99
10) Hexachlorobutadiene	10.72	225	8193	3.29	ng	99
11) 2-Methylnaphthalene	12.03	142	36535	3.46	ng	99
15) Acenaphthylene	13.94	152	253027	3.54	ng	100
16) Acenaphthene	14.29	154	36979	3.59	ng	97
17) Fluorene	15.27	166	49720	3.54	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	14315	3.83	ng	95
20) Hexachlorobenzene	16.28	284	60118	3.87	ng	97
21) Pentachlorophenol	16.63	266	9719	4.98	ng	96
22) Phenanthrene	17.00	178	83177	3.70	ng	100
23) Anthracene	17.08	178	78595	3.82	ng	99
24) Fluoranthene	19.00	202	94937	3.78	ng	100
26) Pyrene	19.36	202	100297	3.95	ng	99
28) Benzo(a)anthracene	21.10	228	98598	3.70	ng	99
29) Chrysene	21.15	228	103536	3.75	ng	100
30) Bis(2-ethylhexyl)phthalate	21.05	149	28594	2.50	ng	99
31) Indeno(1,2,3-cd)pyrene	25.84	276	91921	3.47	ng	99
33) Benzo(b)fluoranthene	22.73	252	86884	4.24	ng	99
34) Benzo(k)fluoranthene	22.77	252	95357	4.16	ng	99
35) Benzo(a)pyrene	23.33	252	82169	4.34	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	75136	3.86	ng	99
37) Benzo(g,h,i)perylene	26.57	276	76438	3.88	ng	99

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

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Quant Time: Jul 09 01:19:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 852

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

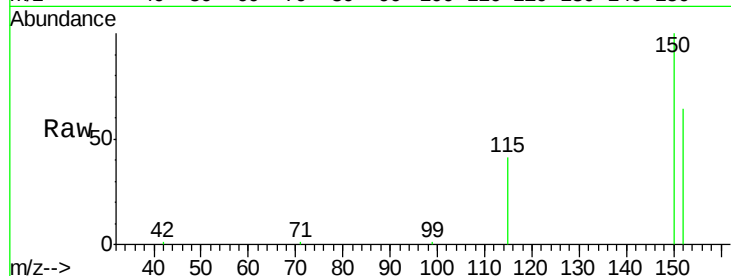
Tgt Ion:152 Resp: 15837

Ion Ratio Lower Upper

152 100

150 155.2 123.9 185.9

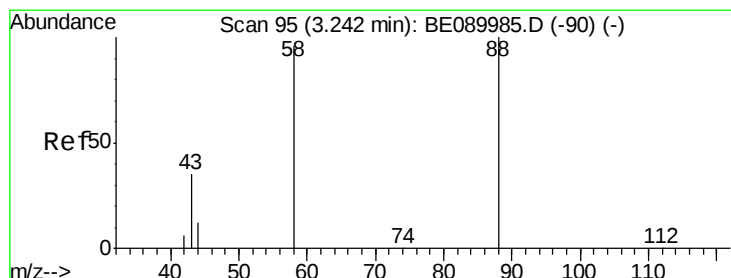
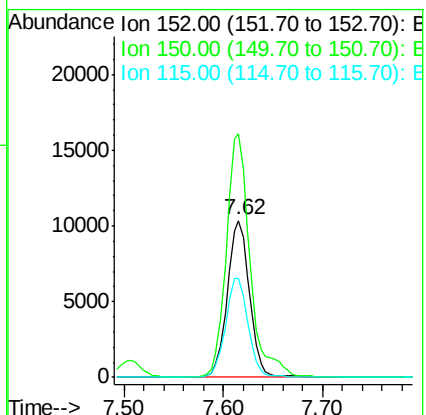
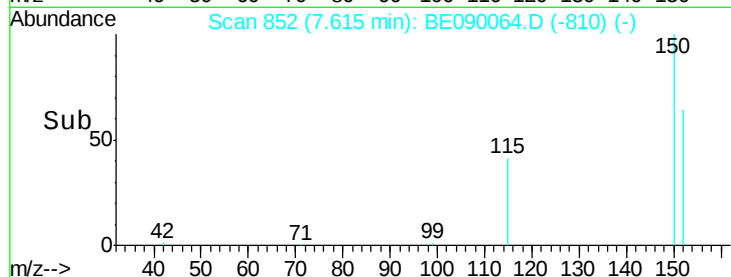
115 63.3 50.6 76.0



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: 2.92 ng

RT: 3.24 min Scan# 94

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

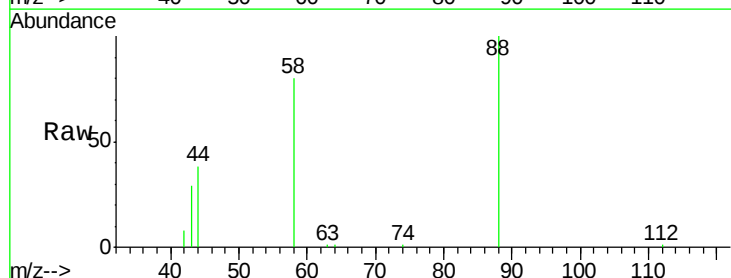
Tgt Ion: 88 Resp: 6354

Ion Ratio Lower Upper

88 100

58 86.4 70.9 106.3

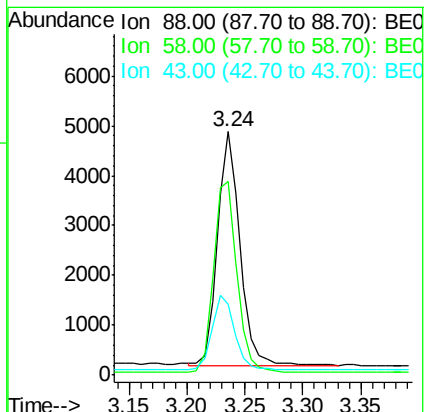
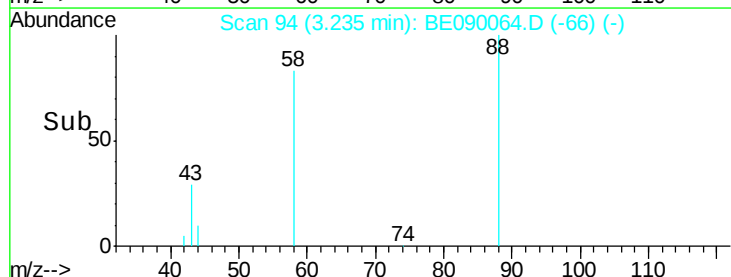
43 32.4 27.6 41.4

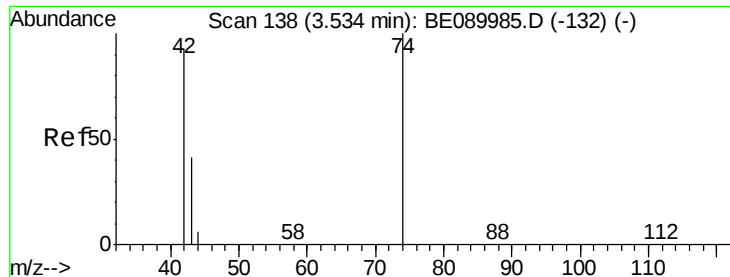


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



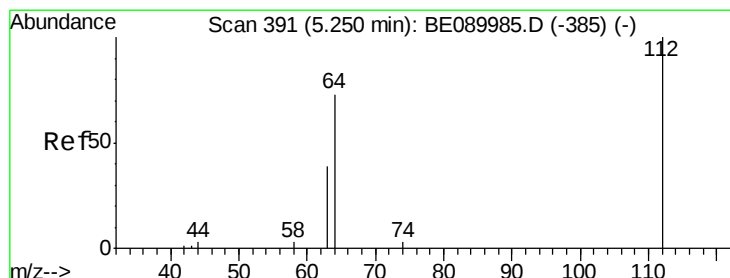
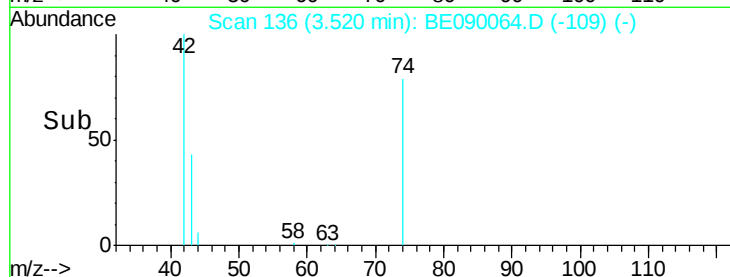
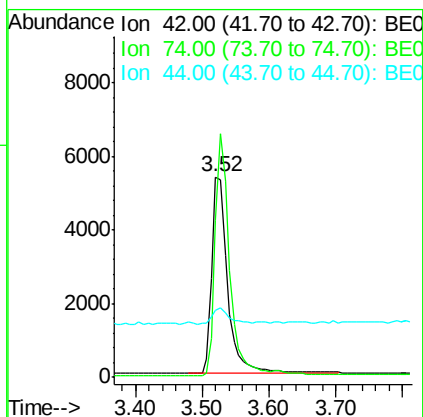
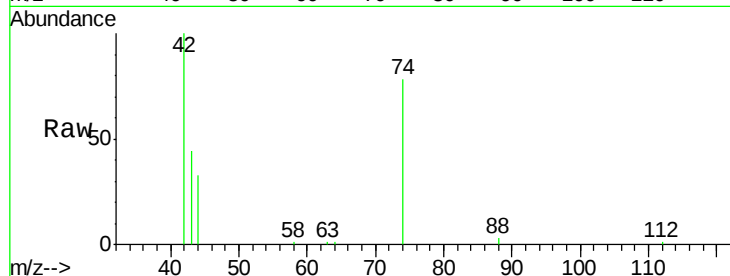


#3

n-Nitrosodimethylamine
 Concen: 2.96 ng
 RT: 3.52 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BE090064.D
 Acq: 8 Jul 2015 18:30

Instrument :
 BNA_E
 ClientSampleId :
 PB84399BS

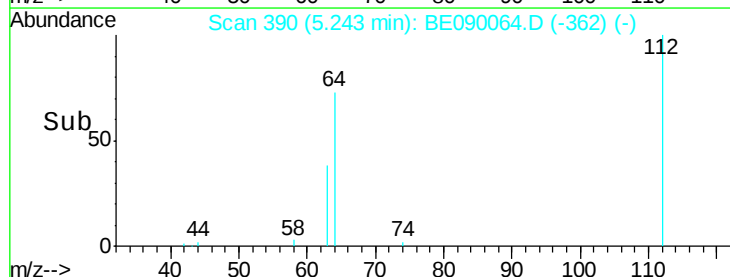
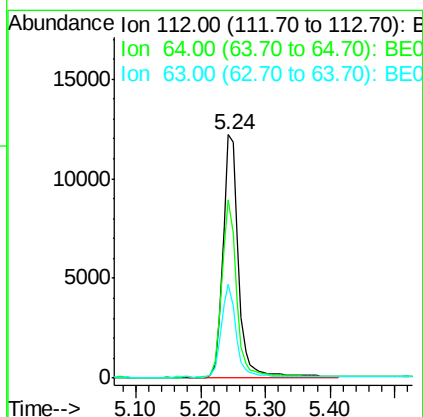
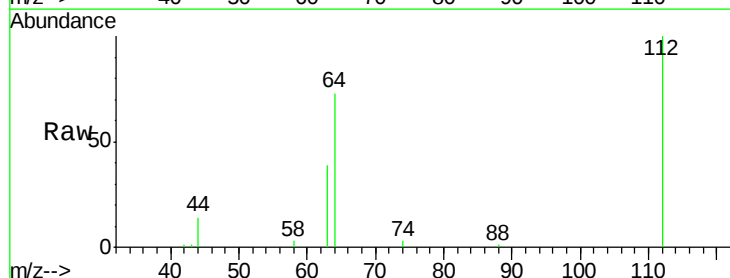
Tgt Ion: 42 Resp: 8716
 Ion Ratio Lower Upper
 42 100
 74 110.1 89.4 134.2
 44 8.7 6.9 10.3

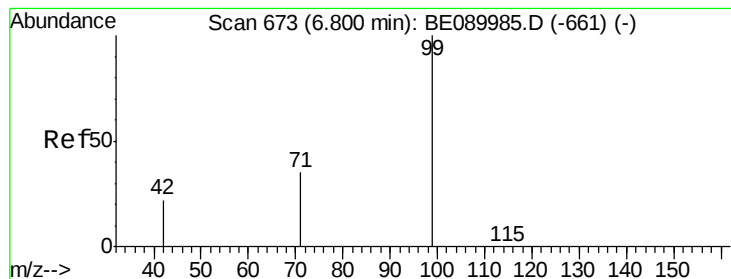


#4

2-Fluorophenol
 Concen: 5.57 ng
 RT: 5.24 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BE090064.D
 Acq: 8 Jul 2015 18:30

Tgt Ion: 112 Resp: 20279
 Ion Ratio Lower Upper
 112 100
 64 69.9 56.3 84.5
 63 36.8 29.8 44.6





#5

Phenol-d6

Concen: 6.08 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

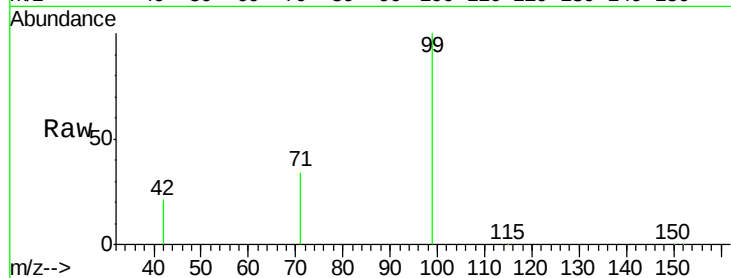
Tgt Ion: 99 Resp: 30958

Ion Ratio Lower Upper

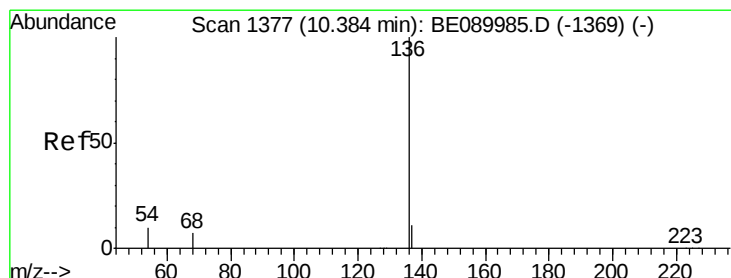
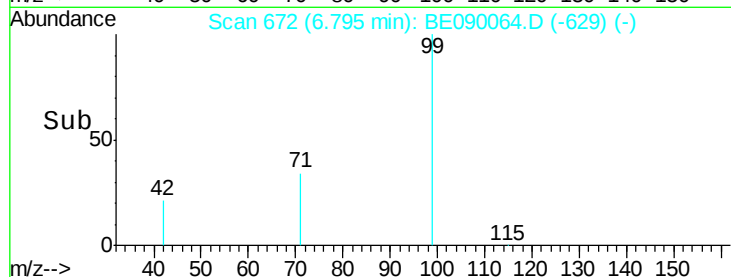
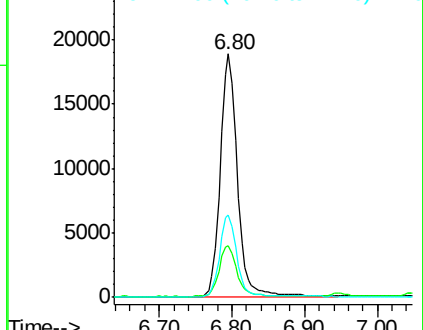
99 100

42 22.0 18.7 28.1

71 34.1 27.5 41.3



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: 10.37 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Tgt Ion: 136 Resp: 69989

Ion Ratio Lower Upper

136 100

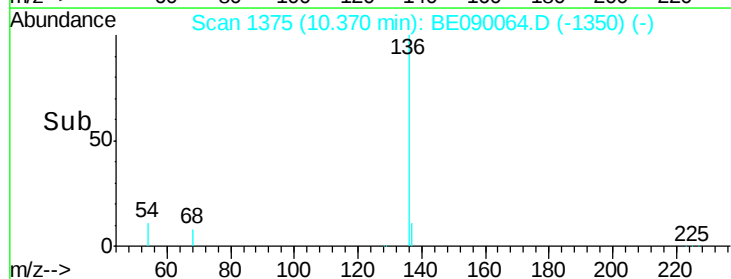
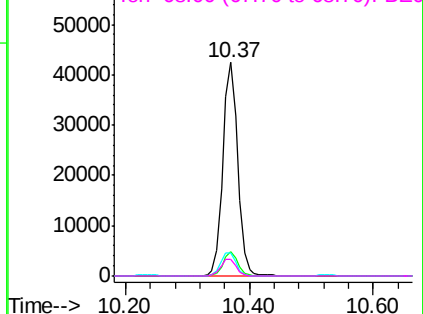
137 11.2 8.9 13.3

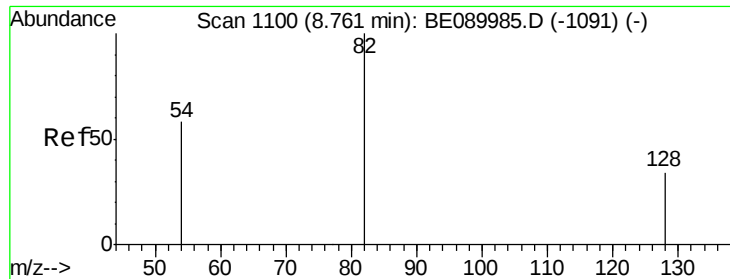
54 10.7 8.2 12.4

68 7.6 5.8 8.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 3.65 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

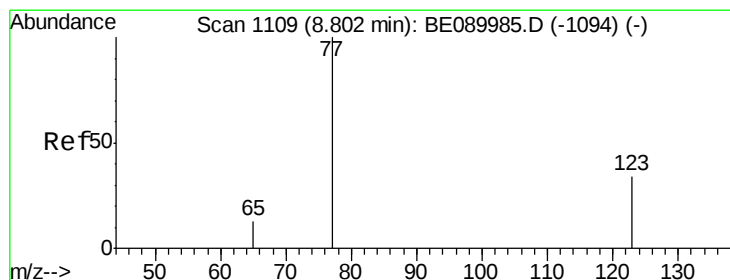
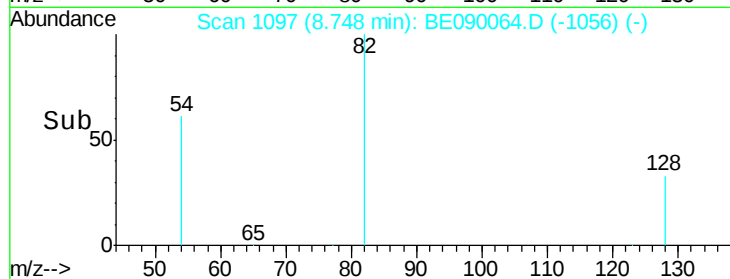
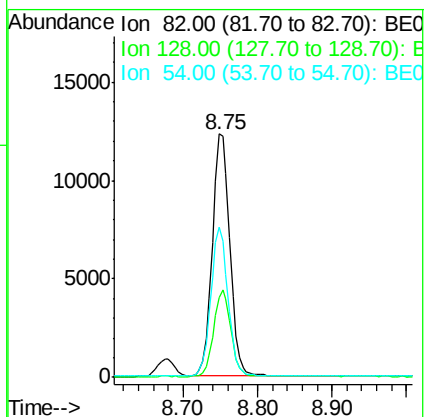
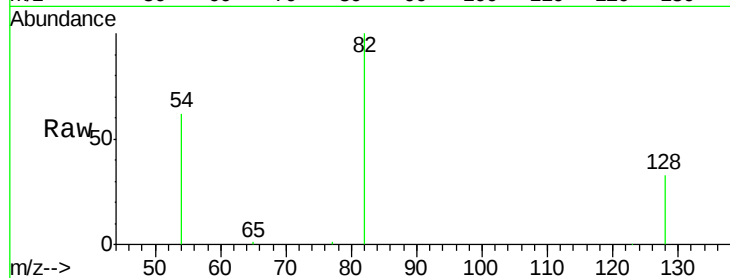
Tgt Ion: 82 Resp: 20274

Ion Ratio Lower Upper

82 100

128 33.0 28.0 42.0

54 61.7 47.6 71.4



#8

Nitrobenzene

Concen: 3.37 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

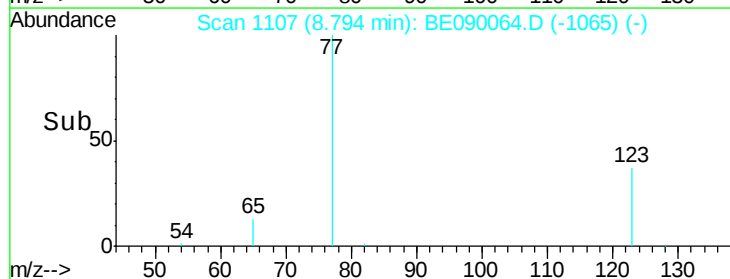
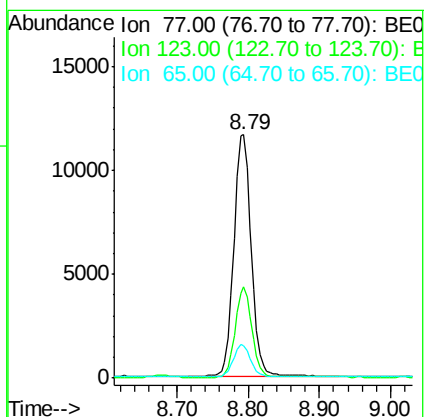
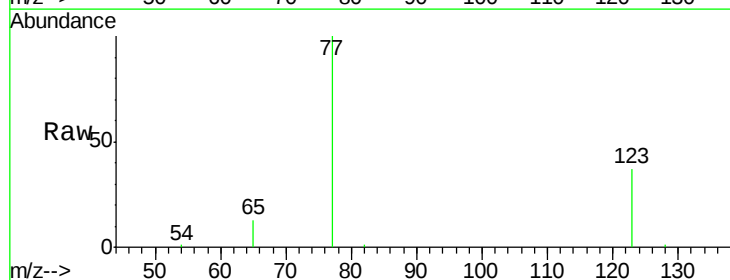
Tgt Ion: 77 Resp: 19852

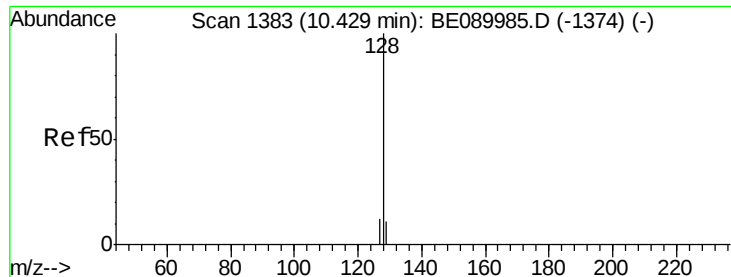
Ion Ratio Lower Upper

77 100

123 36.2 27.4 41.0

65 13.2 10.6 15.8





#9

Naphthalene

Concen: 3.30 ng

RT: 10.42 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

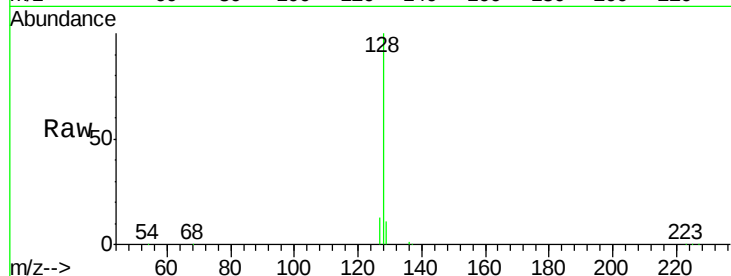
Tgt Ion:128 Resp: 52297

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

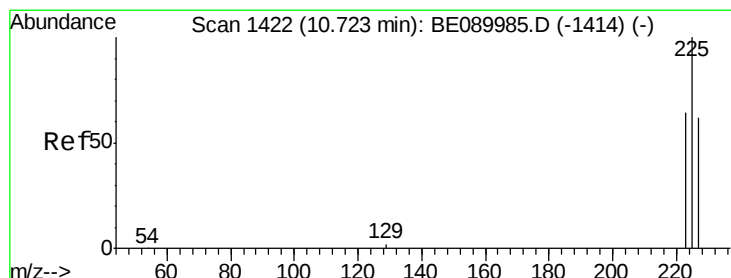
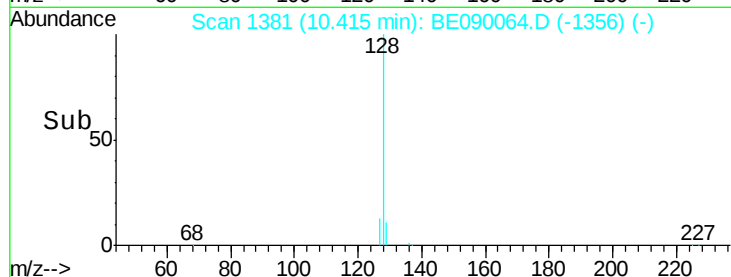
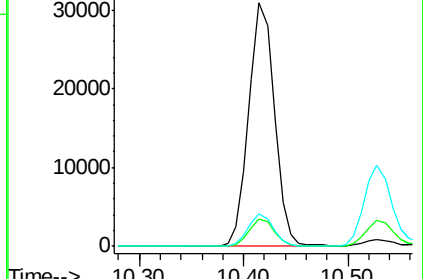
127 13.3 10.2 15.4



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: 3.29 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

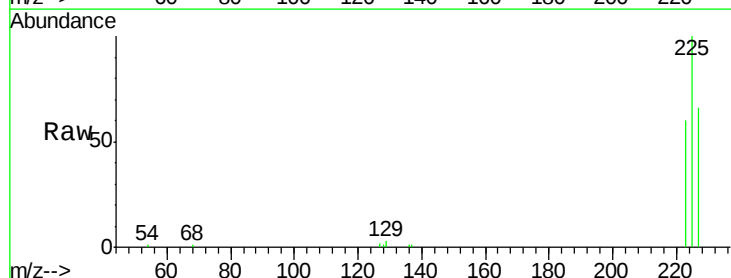
Tgt Ion:225 Resp: 8193

Ion Ratio Lower Upper

225 100

223 62.9 50.1 75.1

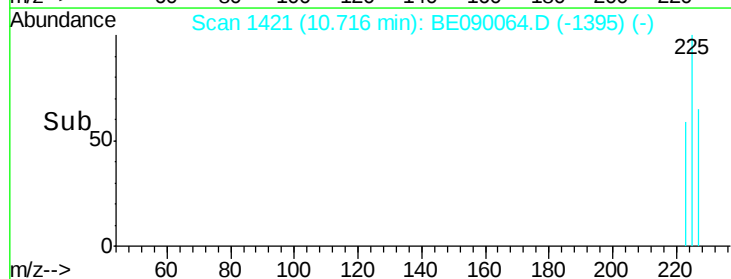
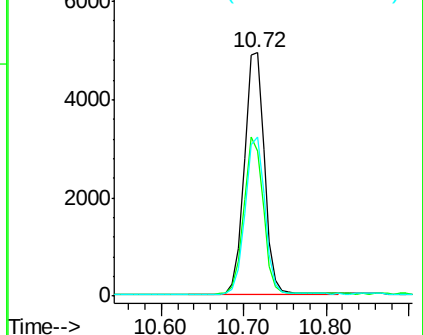
227 64.4 50.9 76.3

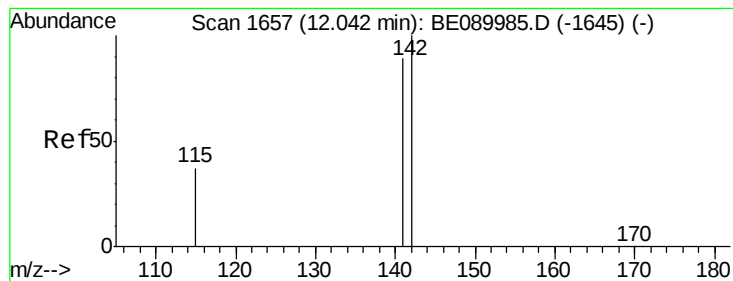


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

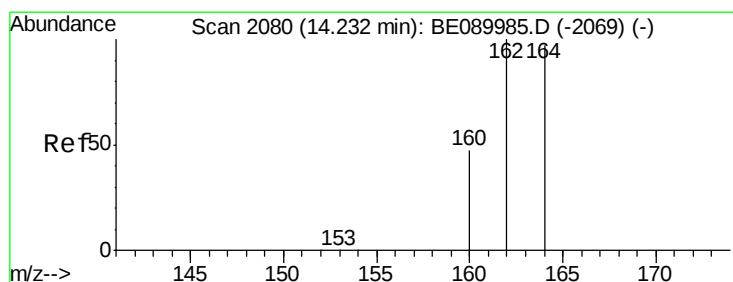
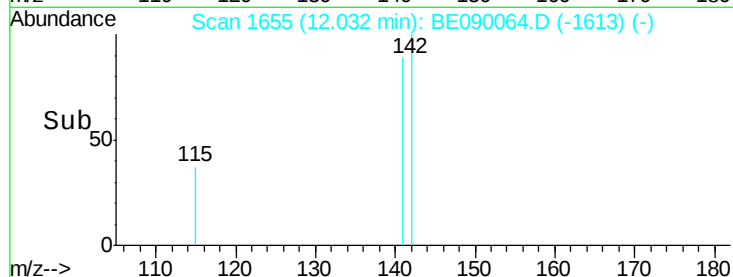
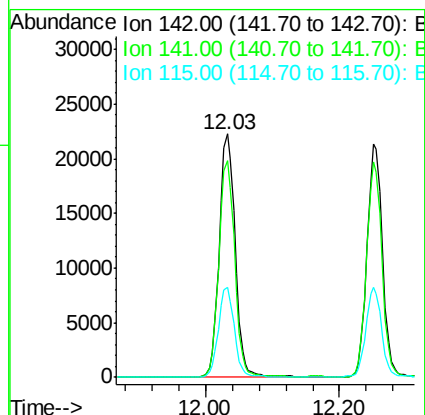
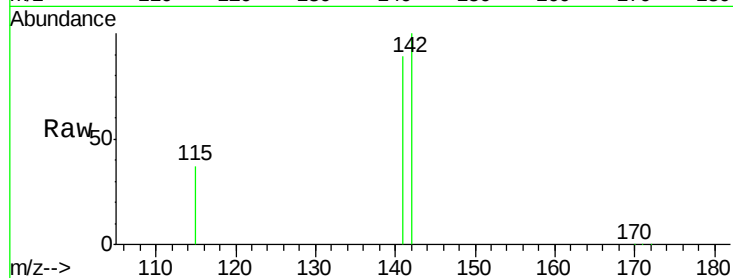




#11
2-Methylnaphthalene
Concen: 3.46 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE090064.D
Acq: 8 Jul 2015 18:30

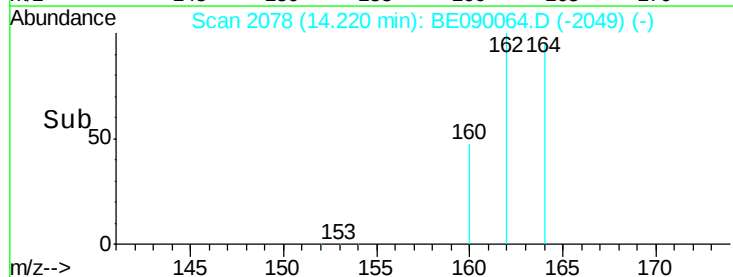
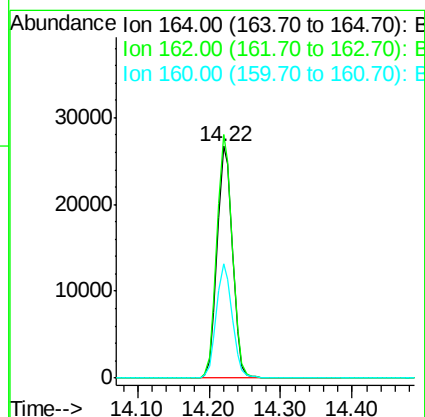
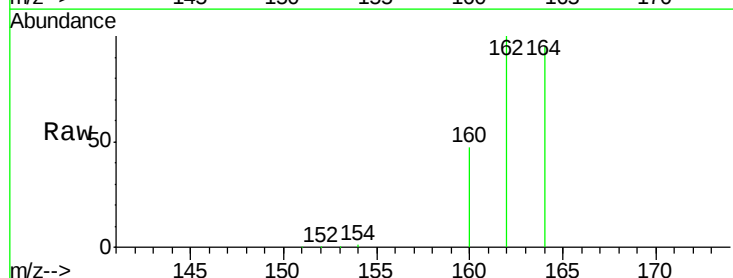
Instrument :
BNA_E
ClientSampleId :
PB84399BS

Tgt Ion:142 Resp: 36535
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 36.7 30.4 45.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BE090064.D
Acq: 8 Jul 2015 18:30

Tgt Ion:164 Resp: 39669
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.4
160 49.2 39.0 58.6

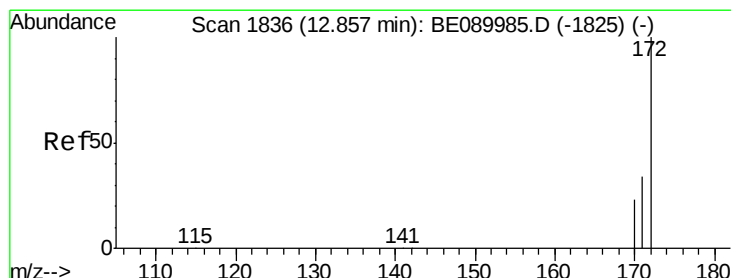
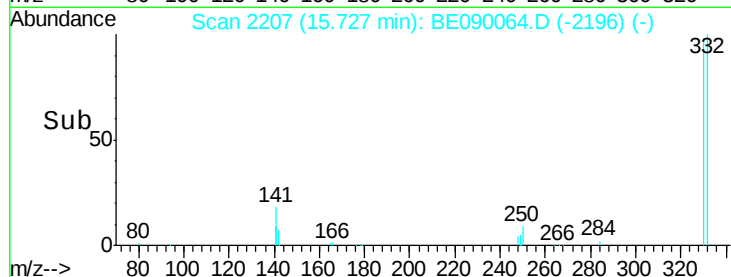
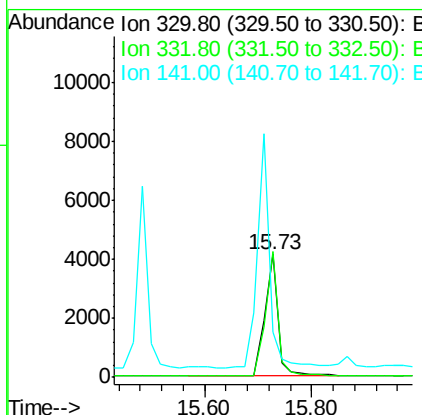
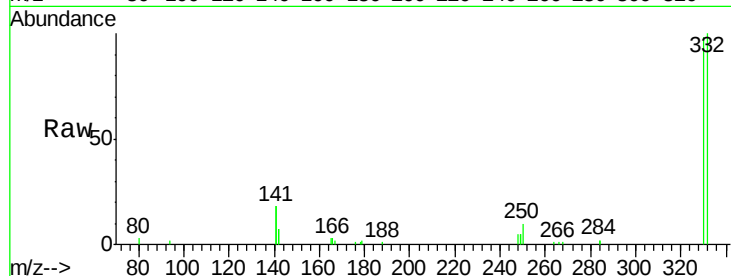




#13
 2,4,6-Tribromophenol
 Concen: 6.19 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090064.D
 Acq: 8 Jul 2015 18:30

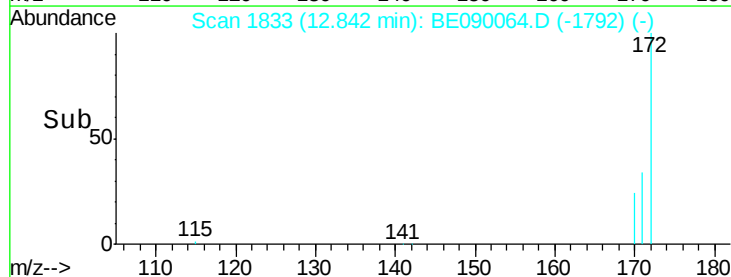
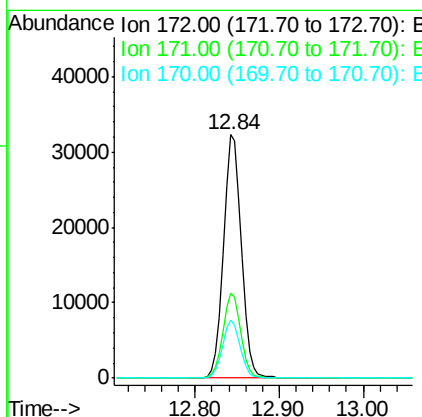
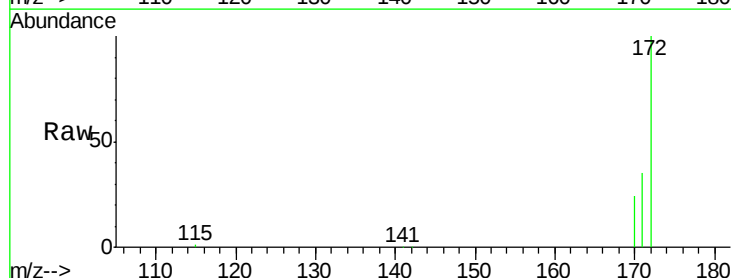
Instrument :
 BNA_E
 ClientSampleId :
 PB84399BS

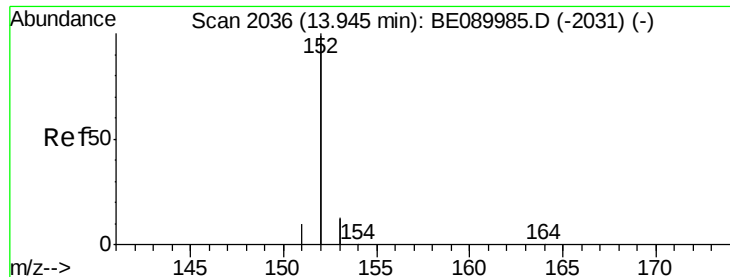
Tgt Ion: 330 Resp: 7194
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.4 114.6
 141 171.9 130.3 195.5



#14
 2-Fluorobiphenyl
 Concen: 3.97 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BE090064.D
 Acq: 8 Jul 2015 18:30

Tgt Ion: 172 Resp: 47275
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.6
 170 23.8 18.3 27.5





#15

Acenaphthylene

Concen: 3.54 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

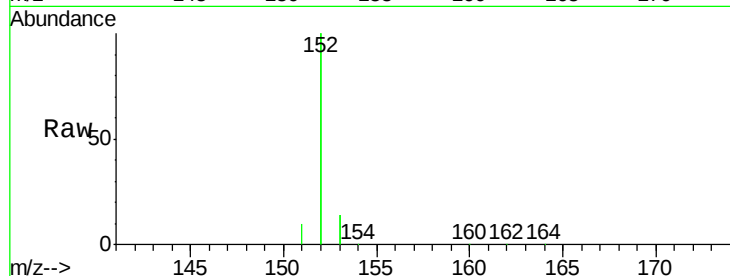
Tgt Ion:152 Resp: 253027

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

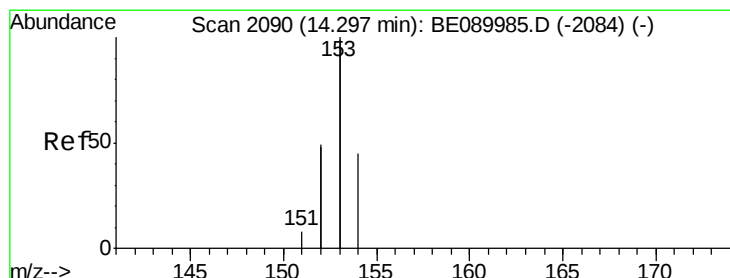
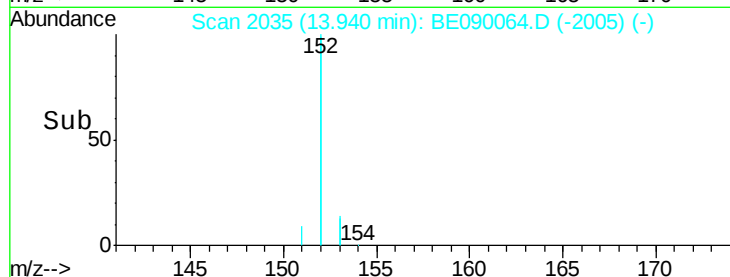
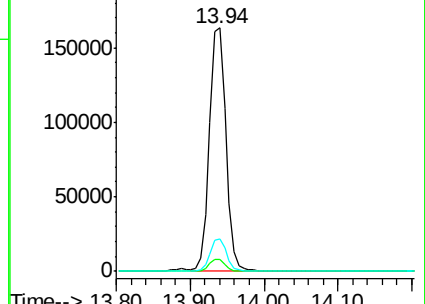
153 13.1 10.4 15.6



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: 3.59 ng

RT: 14.29 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

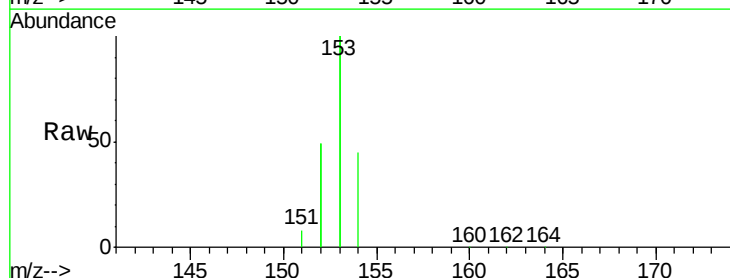
Tgt Ion:154 Resp: 36979

Ion Ratio Lower Upper

154 100

153 457.1 358.6 538.0

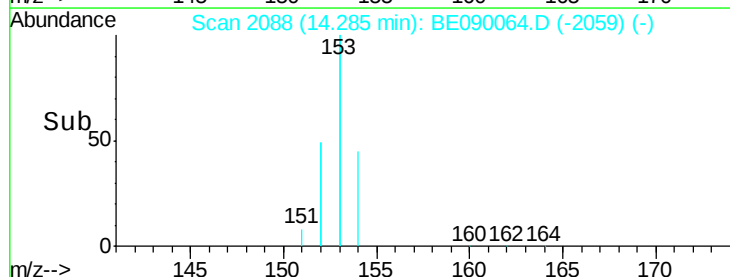
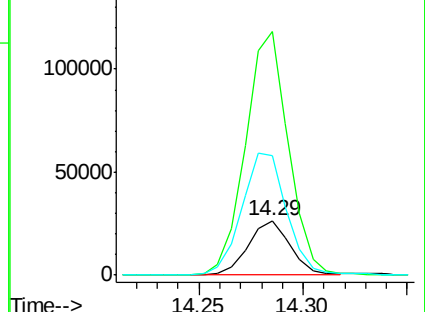
152 239.0 189.6 284.4

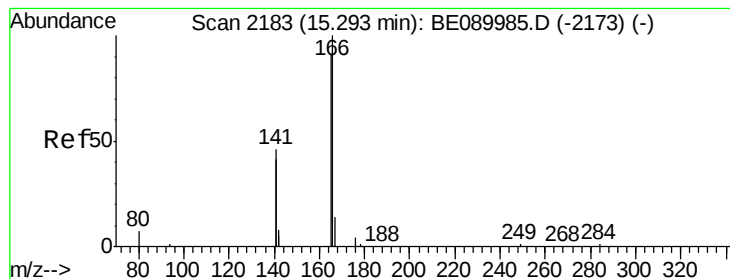


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 3.54 ng

RT: 15.27 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

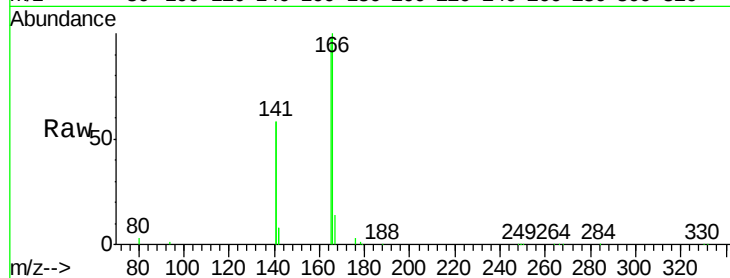
Tgt Ion:166 Resp: 49720

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.6

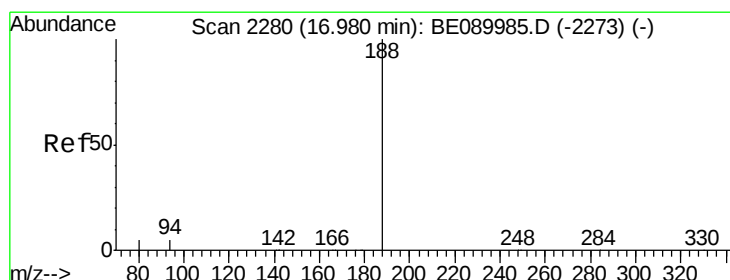
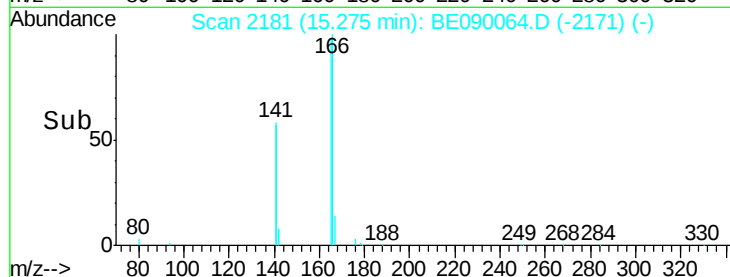
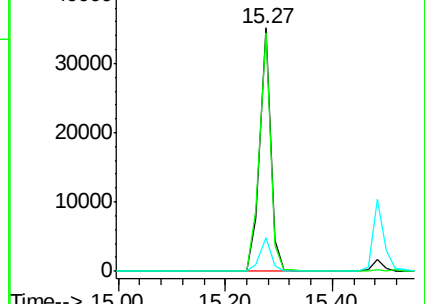
167 13.9 11.8 17.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

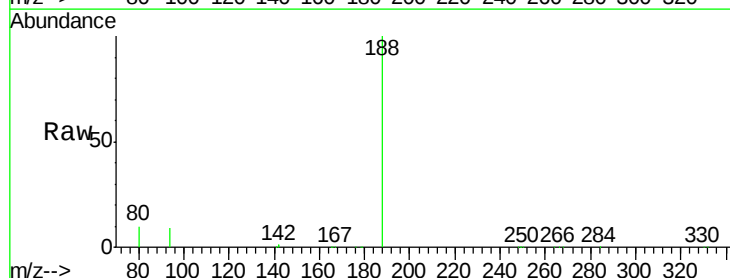
Tgt Ion:188 Resp: 87819

Ion Ratio Lower Upper

188 100

94 8.7 4.1 6.1#

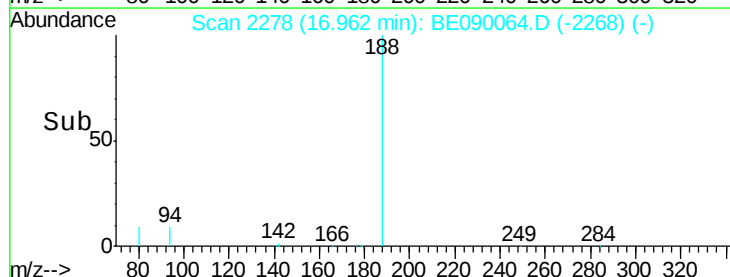
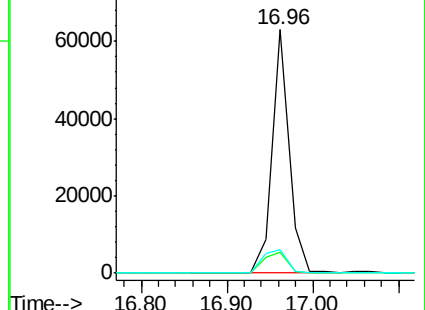
80 9.5 4.2 6.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

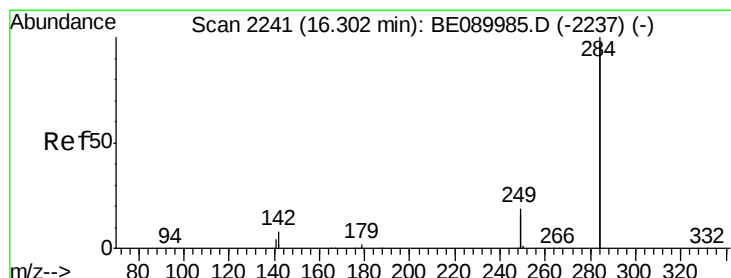
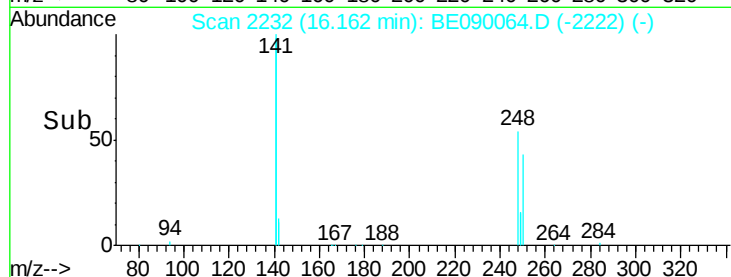
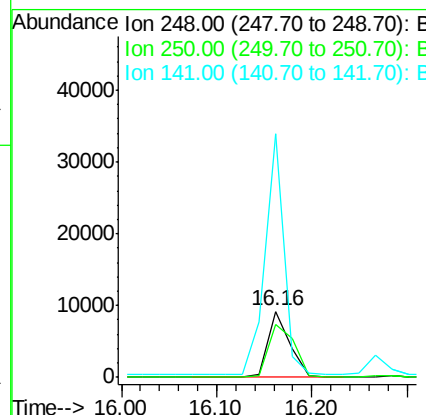
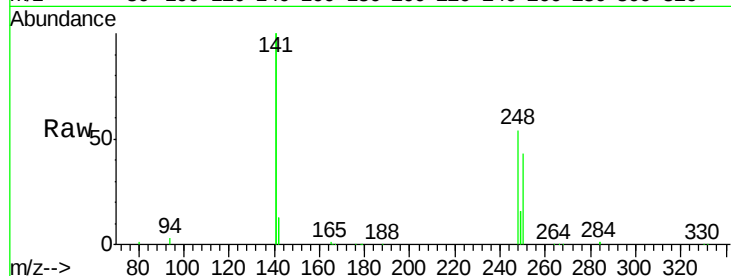




#19
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BE090064.D
Acq: 8 Jul 2015 18:30

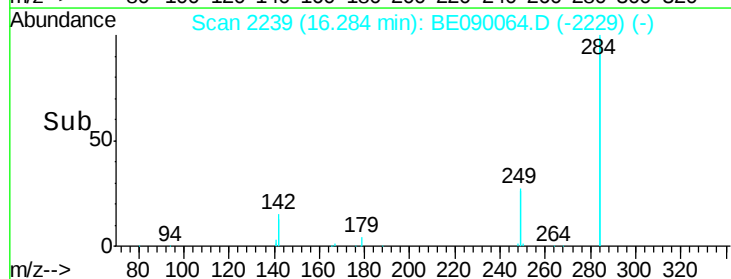
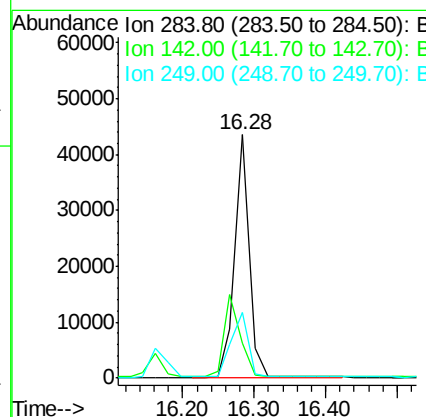
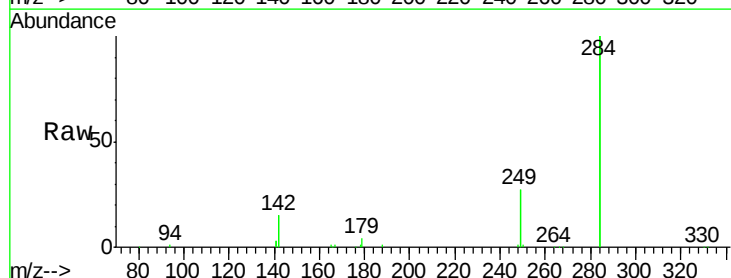
Instrument :
BNA_E
ClientSampleId :
PB84399BS

Tgt Ion:248 Resp: 14315
Ion Ratio Lower Upper
248 100
250 95.0 78.3 117.5
141 320.8 248.1 372.1



#20
Hexachlorobenzene
Concen: 3.87 ng
RT: 16.28 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BE090064.D
Acq: 8 Jul 2015 18:30

Tgt Ion:284 Resp: 60118
Ion Ratio Lower Upper
284 100
142 37.8 32.6 49.0
249 31.9 25.5 38.3

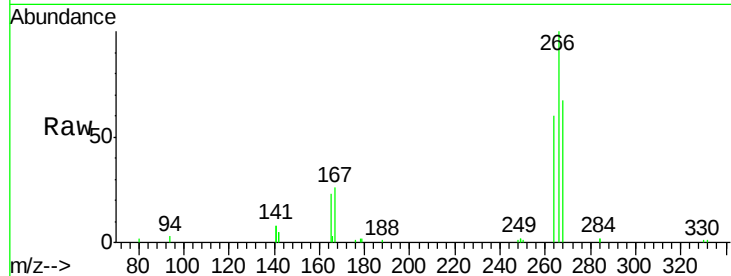




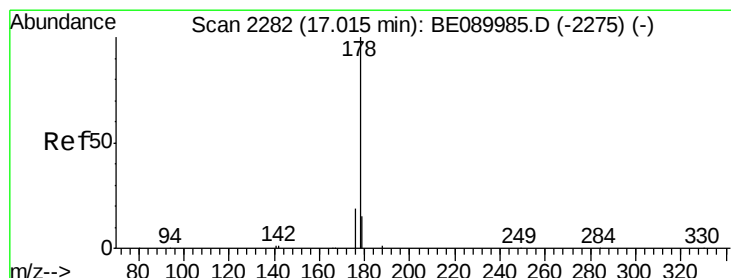
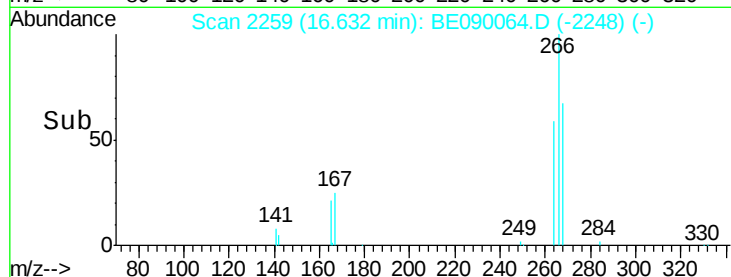
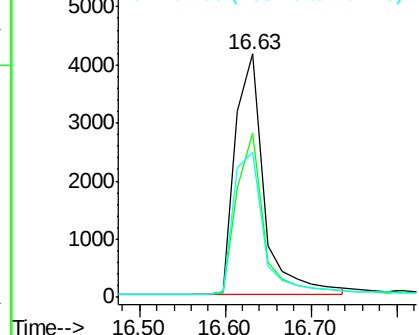
#21
 Pentachlorophenol
 Concen: 4.98 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090064.D
 Acq: 8 Jul 2015 18:30

Instrument :
 BNA_E
 ClientSampleId :
 PB84399BS

Tgt Ion: 266 Resp: 9719
 Ion Ratio Lower Upper
 266 100
 268 67.3 51.8 77.8
 264 59.7 50.2 75.2

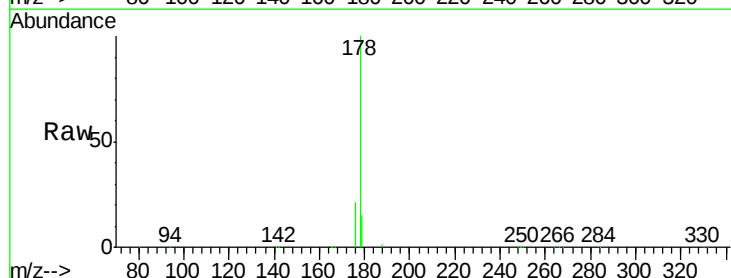


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

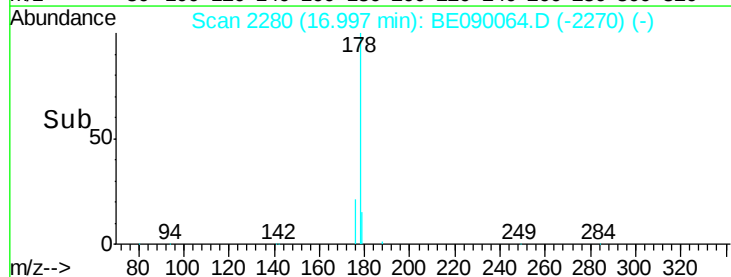
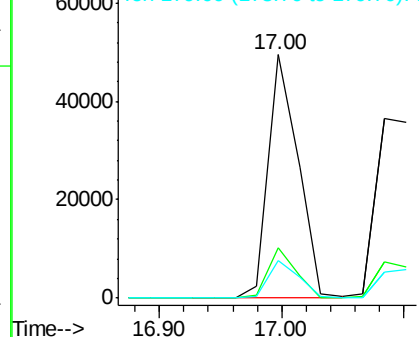


#22
 Phenanthrene
 Concen: 3.70 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BE090064.D
 Acq: 8 Jul 2015 18:30

Tgt Ion: 178 Resp: 83177
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.4 12.4 18.6



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: 3.82 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

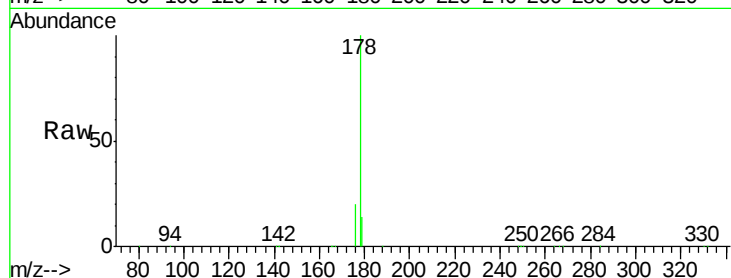
Tgt Ion:178 Resp: 78595

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

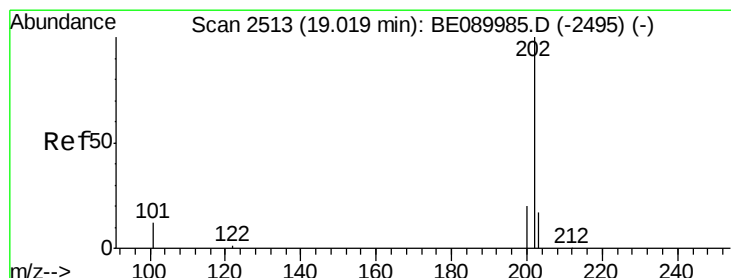
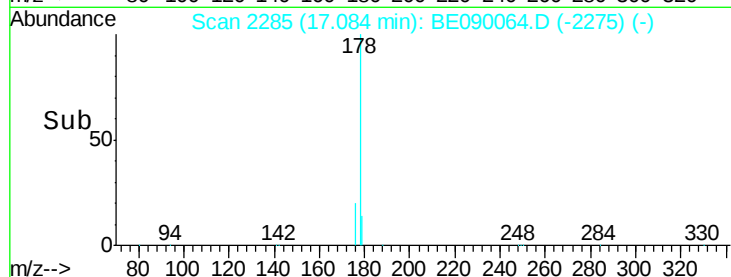
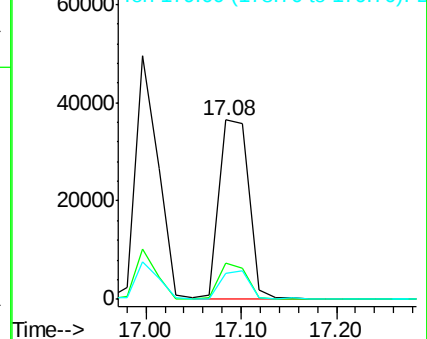
179 15.6 12.1 18.1



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: 3.78 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

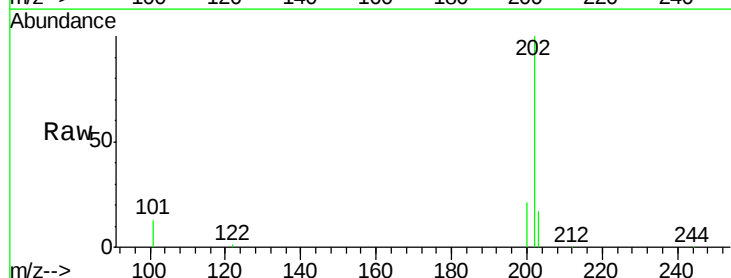
Tgt Ion:202 Resp: 94937

Ion Ratio Lower Upper

202 100

101 12.8 10.6 15.8

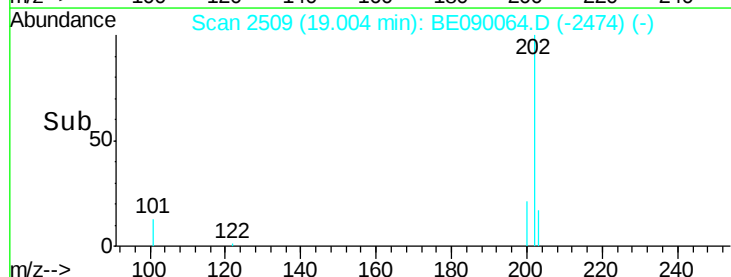
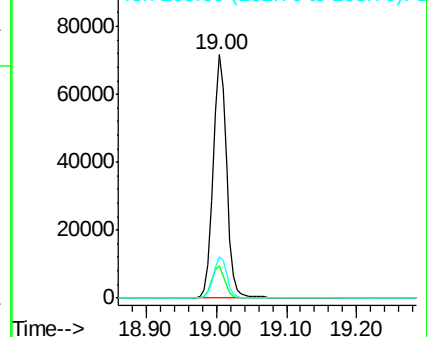
203 17.2 13.8 20.6



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: 21.12 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

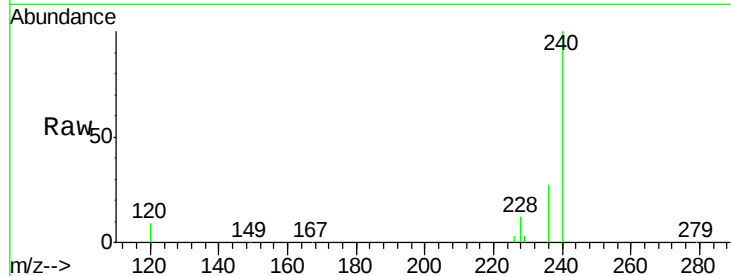
Tgt Ion:240 Resp: 106604

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

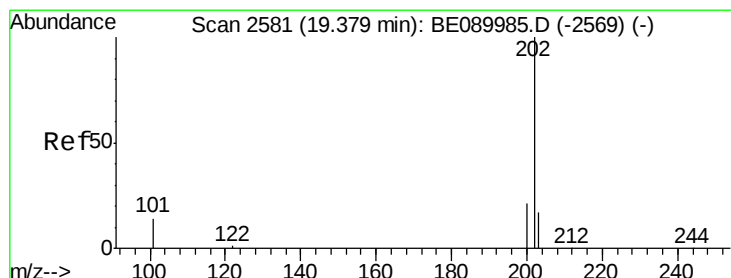
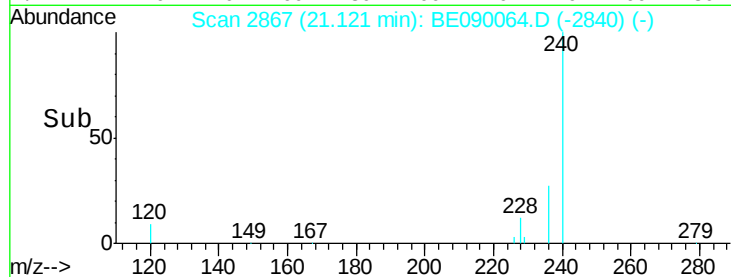
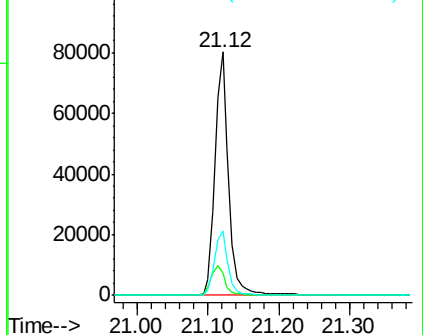
236 26.6 20.8 31.2



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: 3.95 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

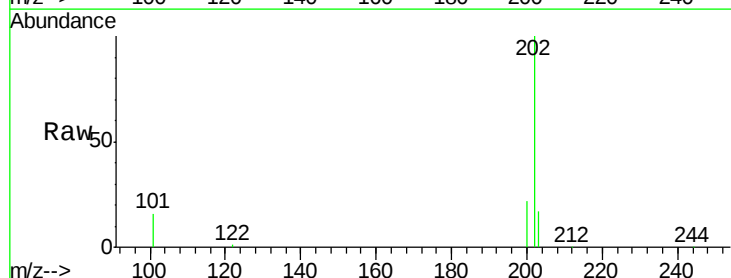
Tgt Ion:202 Resp: 100297

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

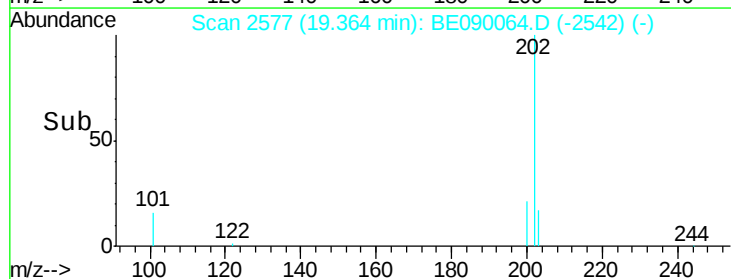
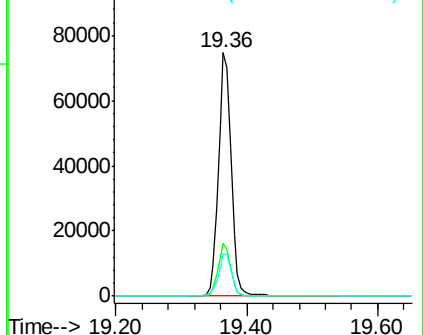
203 18.1 13.9 20.9



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

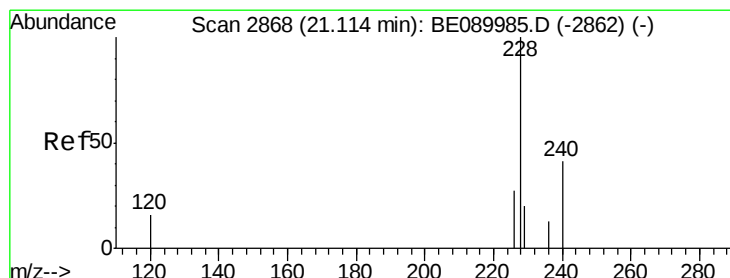
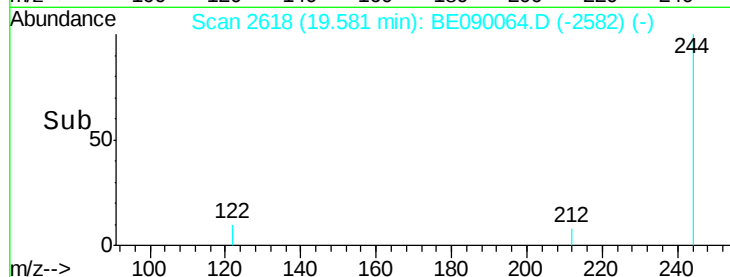
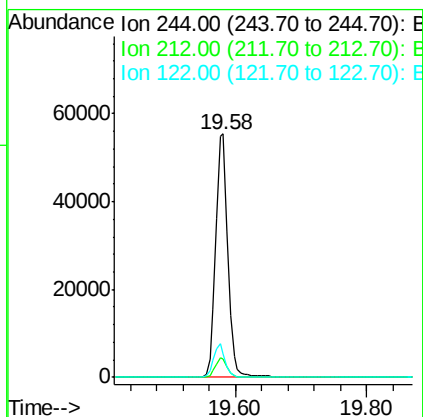
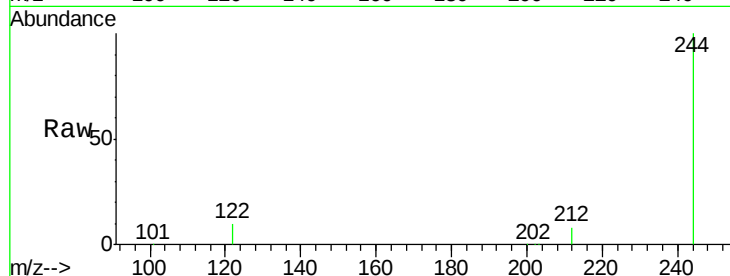




#27
 Terphenyl-d14
 Concen: 4.05 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE090064.D
 Acq: 8 Jul 2015 18:30

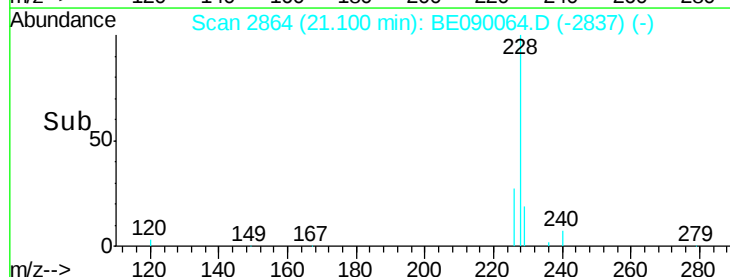
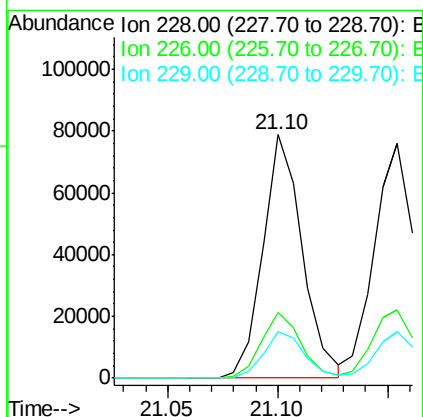
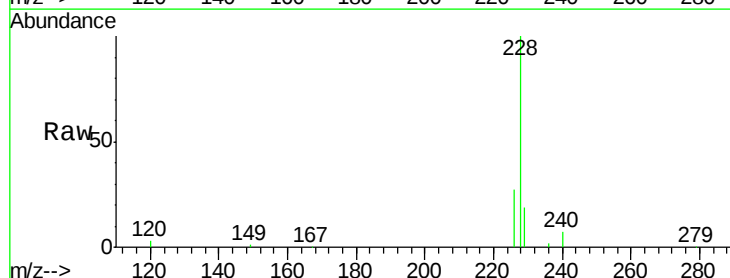
Instrument :
 BNA_E
 ClientSampleId :
 PB84399BS

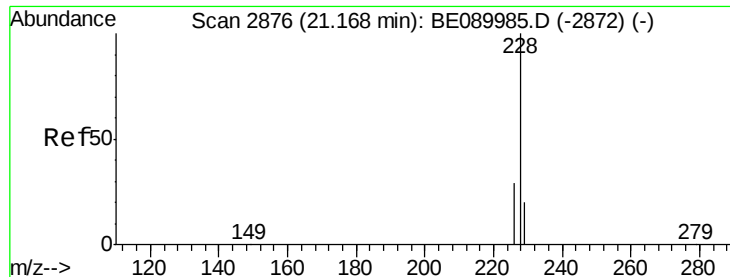
Tgt Ion:244 Resp: 71976
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 9.6 9.8 14.8#



#28
 Benzo(a)anthracene
 Concen: 3.70 ng
 RT: 21.10 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BE090064.D
 Acq: 8 Jul 2015 18:30

Tgt Ion:228 Resp: 98598
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.8 32.6
 229 19.2 15.8 23.6





#29

Chrysene

Concen: 3.75 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

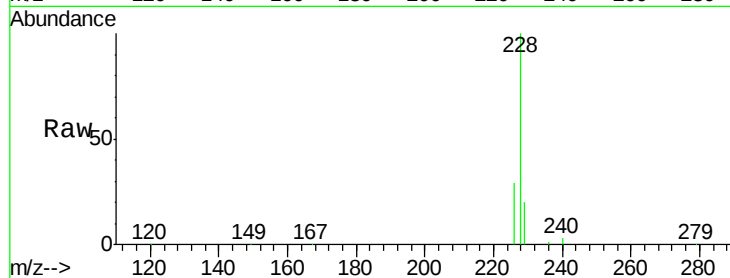
Tgt Ion:228 Resp: 103536

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

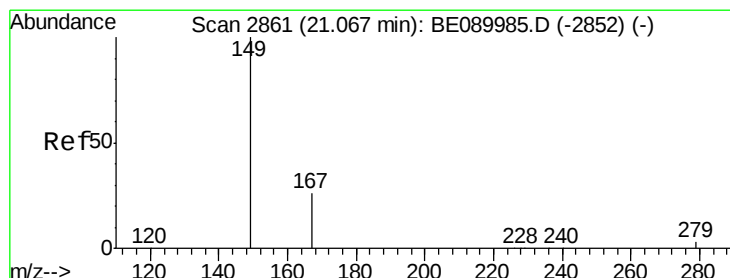
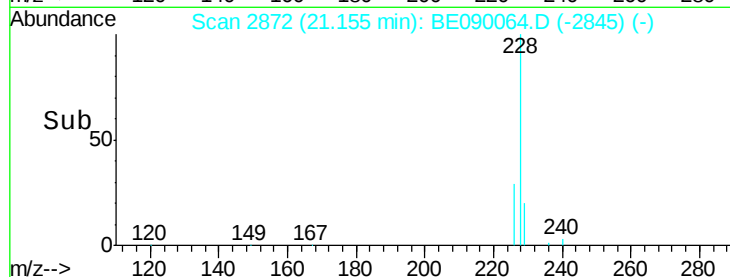
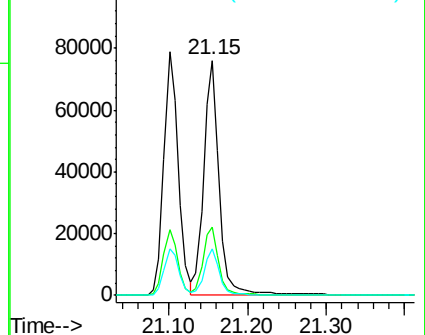
229 20.0 16.2 24.2



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: 2.50 ng

RT: 21.05 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

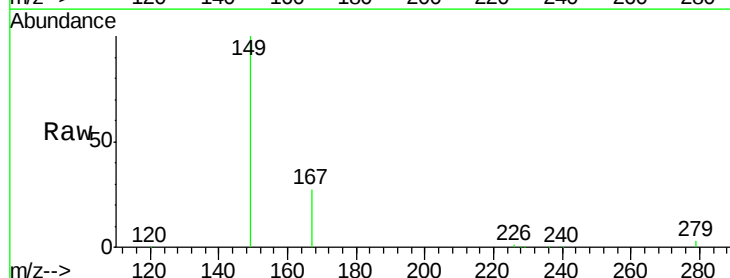
Tgt Ion:149 Resp: 28594

Ion Ratio Lower Upper

149 100

167 26.0 20.3 30.5

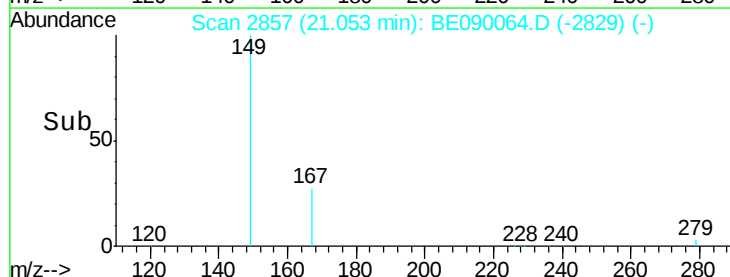
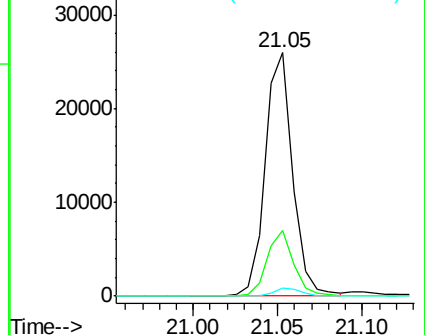
279 3.0 2.6 3.8

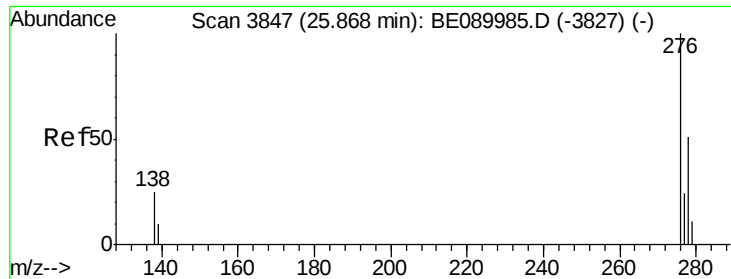


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.47 ng

RT: 25.84 min Scan# 3839

Delta R.T. -0.03 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

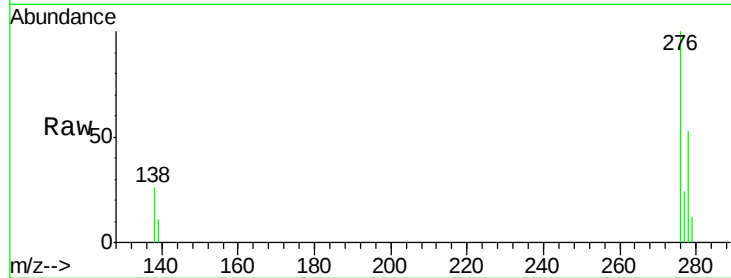
Tgt Ion:276 Resp: 91921

Ion Ratio Lower Upper

276 100

138 27.7 21.3 31.9

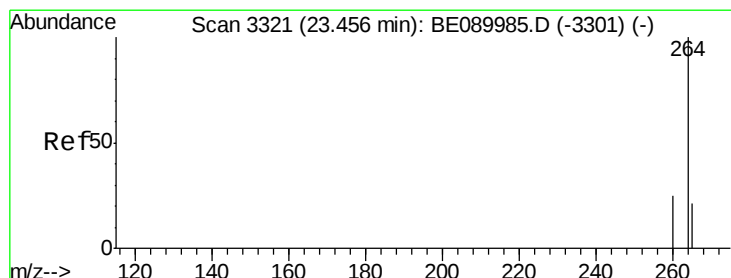
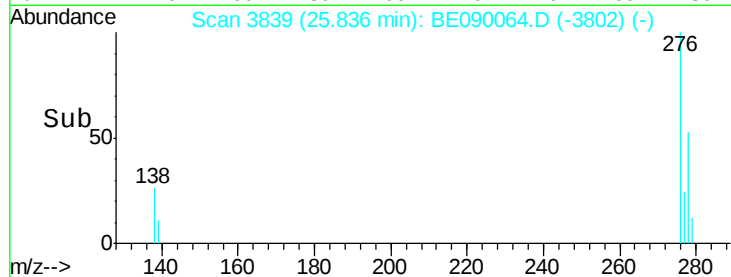
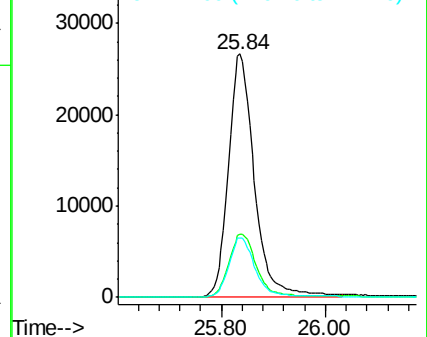
277 24.7 19.7 29.5



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: 23.43 min Scan# 3315

Delta R.T. -0.02 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

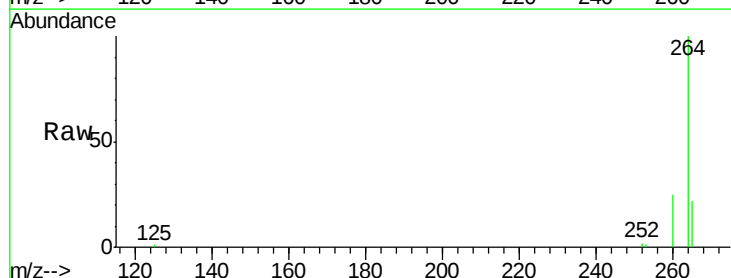
Tgt Ion:264 Resp: 92954

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

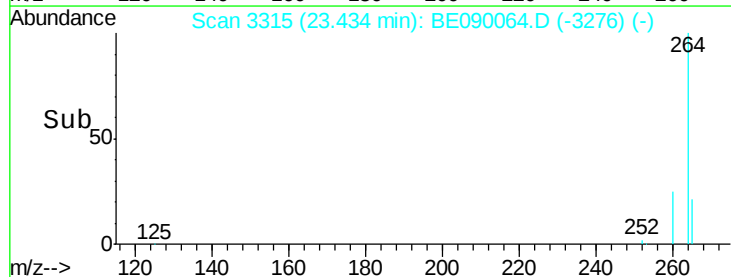
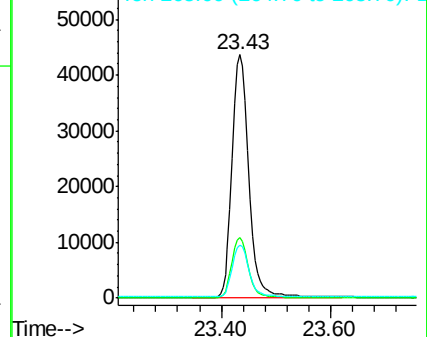
265 21.9 17.1 25.7

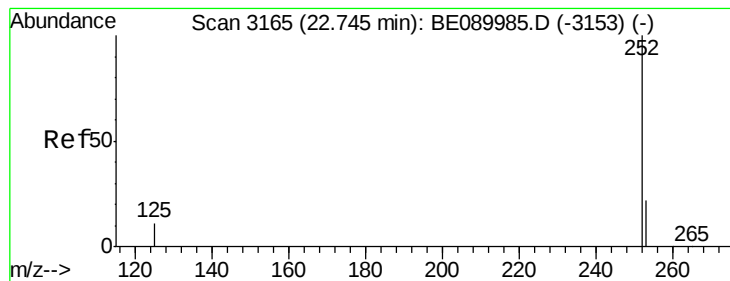


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 4.24 ng

RT: 22.73 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

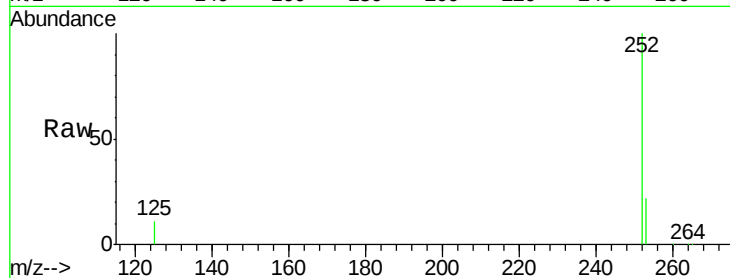
Tgt Ion:252 Resp: 86884

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

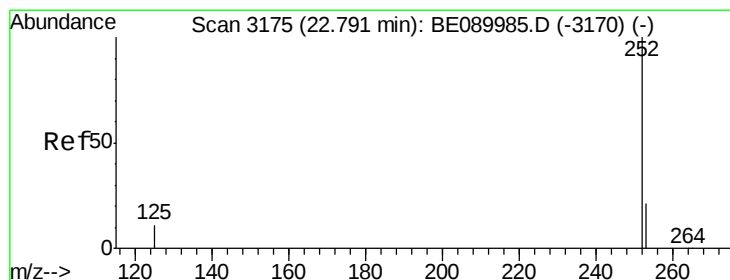
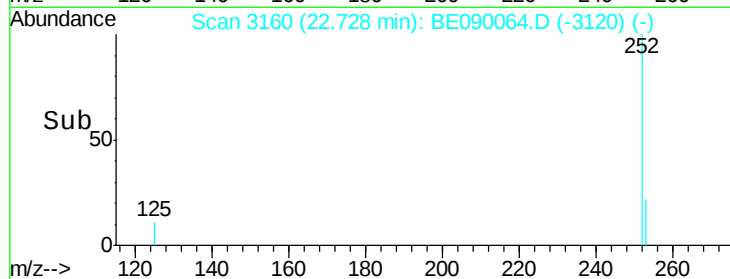
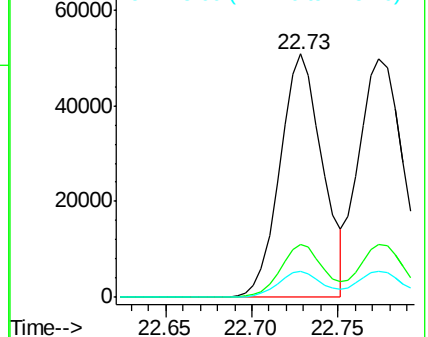
125 10.9 9.0 13.4



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



#34

Benzo(k)fluoranthene

Concen: 4.16 ng

RT: 22.77 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

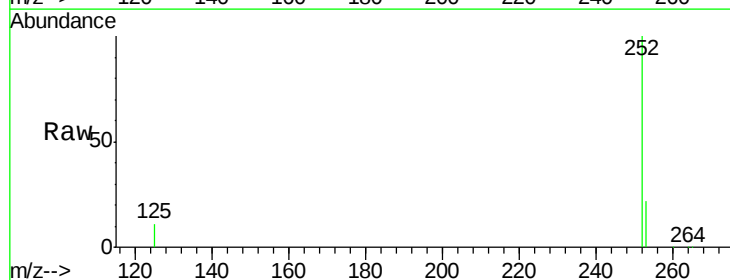
Tgt Ion:252 Resp: 95357

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

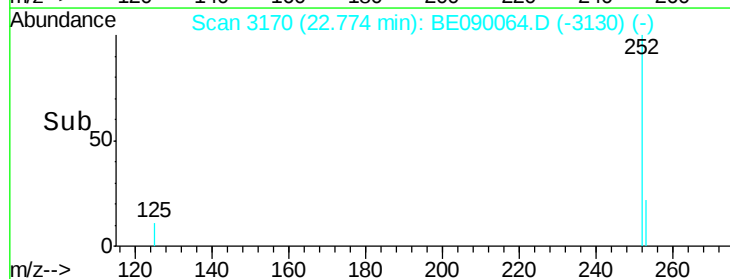
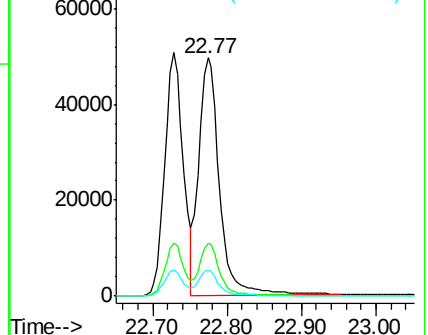
125 10.9 9.5 14.3



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: 23.33 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

Instrument :

BNA_E

ClientSampleId :

PB84399BS

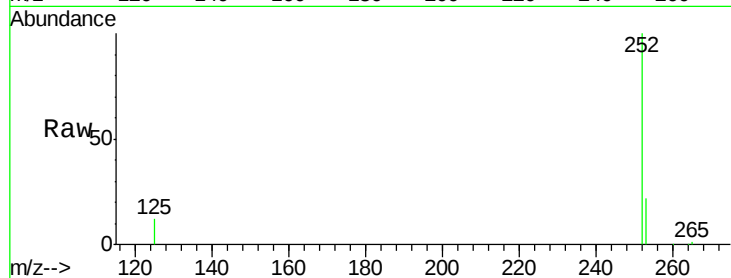
Tgt Ion:252 Resp: 82169

Ion Ratio Lower Upper

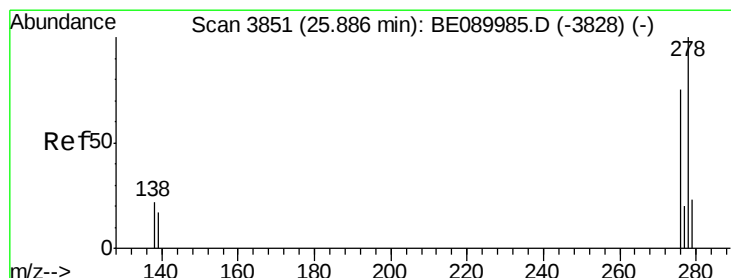
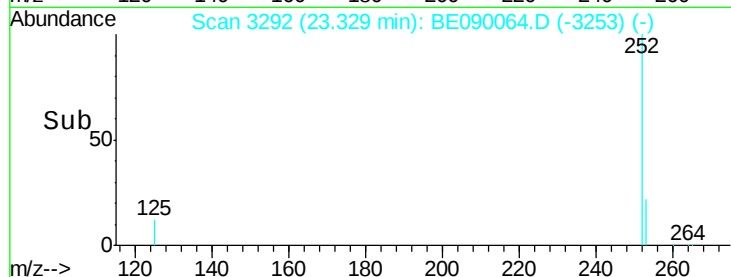
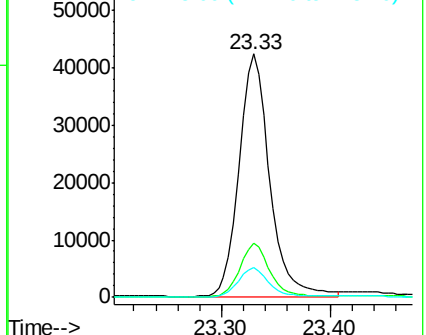
252 100

253 22.0 17.4 26.2

125 12.0 10.5 15.7



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: 3.86 ng

RT: 25.85 min Scan# 3843

Delta R.T. -0.03 min

Lab File: BE090064.D

Acq: 8 Jul 2015 18:30

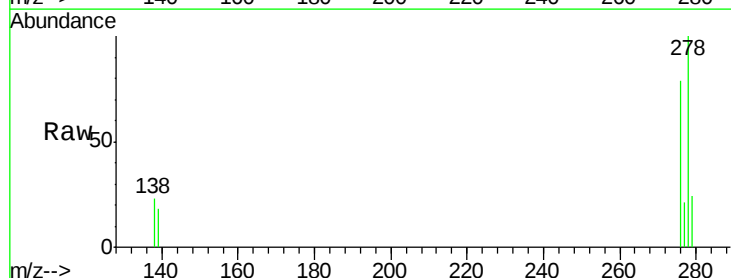
Tgt Ion:278 Resp: 75136

Ion Ratio Lower Upper

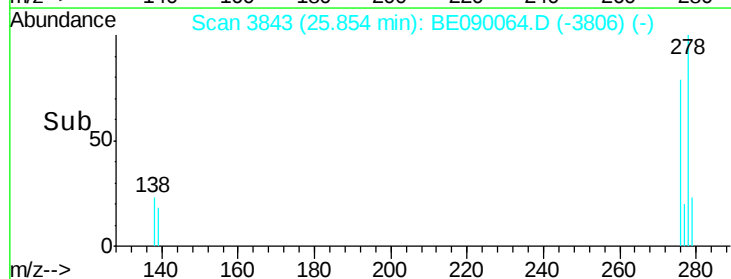
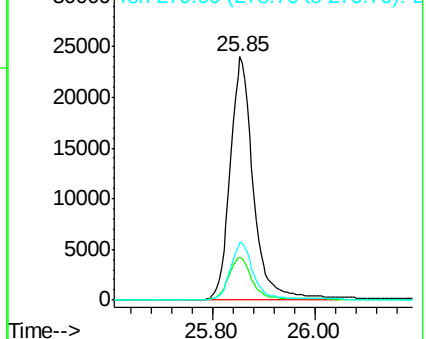
278 100

139 17.7 14.4 21.6

279 23.6 19.0 28.6



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

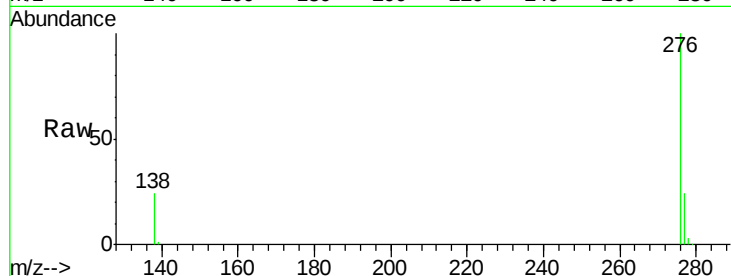




#37
 Benzo(g,h,i)perylene
 Concen: 3.88 ng
 RT: 26.57 min Scan# 4000
 Delta R.T. -0.04 min
 Lab File: BE090064.D
 Acq: 8 Jul 2015 18:30

Instrument :
 BNA_E
 ClientSampleId :
 PB84399BS

Tgt Ion: 276 Resp: 76438
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.8 28.2
 138 23.6 18.6 27.8



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

