

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089950.D
 Acq On : 26 Jun 2015 19:34
 Operator : TP/IZ
 Sample : PB84222BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84222BL

Quant Time: Jun 27 01:00:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 16:51:27 2015
 Response via : Initial Calibration

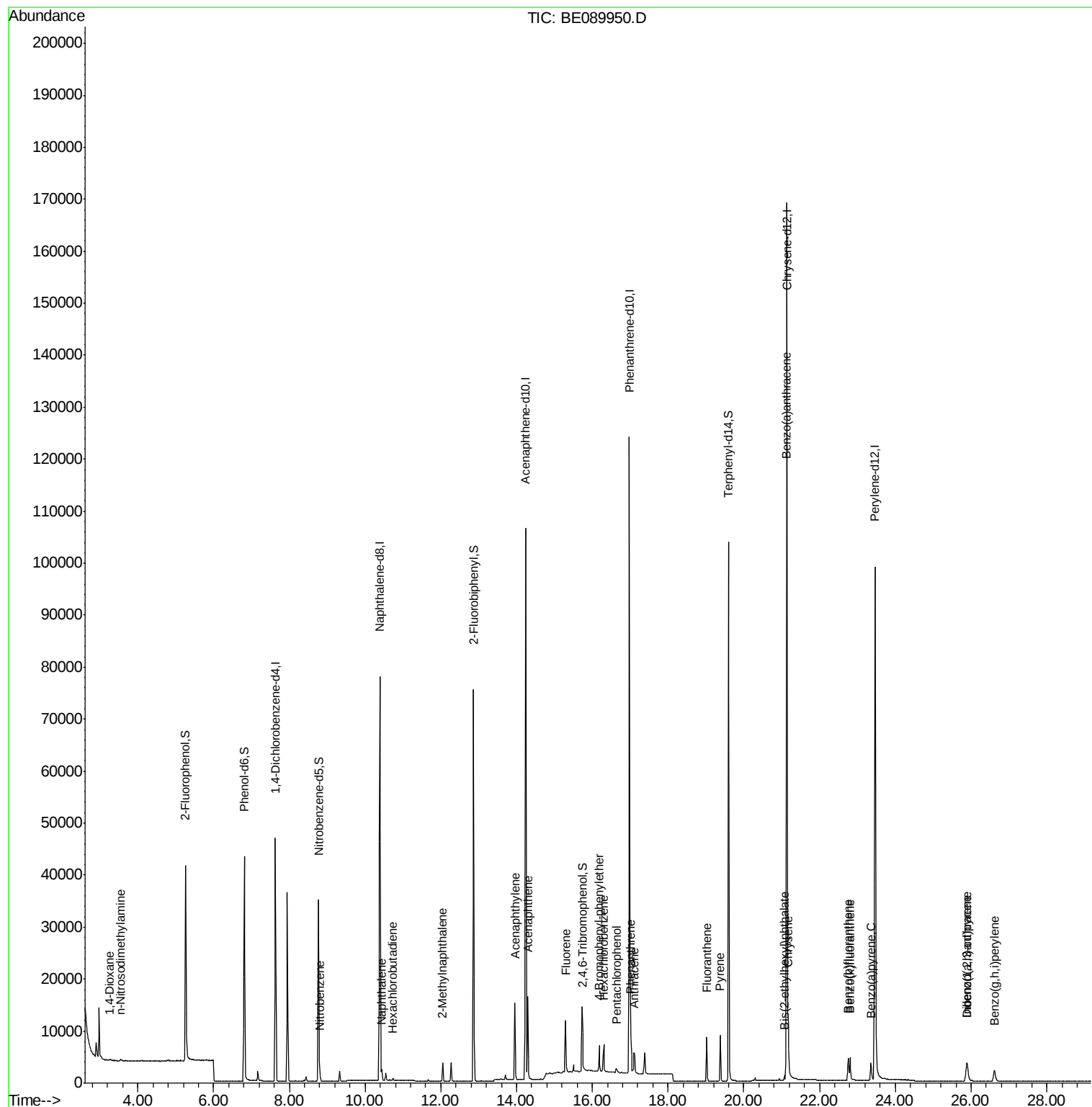
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	22515	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	101209	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	60417	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	143114	5.00	ng	0.00
25) Chrysene-d12	21.13	240	158929	5.00	ng	0.00
32) Perylene-d12	23.47	264	140393	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	29200	7.18	ng	0.00
5) Phenol-d6	6.81	99	44628	7.16	ng	0.00
7) Nitrobenzene-d5	8.77	82	29166	3.87	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	5979	5.70	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	69198	3.93	ng	0.00
27) Terphenyl-d14	19.60	244	106081	3.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	128	0.03	ng	94
3) n-Nitrosodimethylamine	3.56	42	185	0.05	ng	# 83
8) Nitrobenzene	8.81	77	926	0.12	ng	97
9) Naphthalene	10.44	128	2601	0.12	ng	# 94
10) Hexachlorobutadiene	10.73	225	316	0.09	ng	95
11) 2-Methylnaphthalene	12.05	142	2491	0.16	ng	97
15) Acenaphthylene	13.96	152	18999	0.18	ng	100
16) Acenaphthene	14.30	154	2887	0.19	ng	98
17) Fluorene	15.29	166	4232	0.21	ng	98
19) 4-Bromophenyl-phenylether	16.18	248	1160	0.20	ng	98
20) Hexachlorobenzene	16.30	284	5153	0.20	ng	98
21) Pentachlorophenol	16.63	266	440	0.73	ng	94
22) Phenanthrene	17.01	178	7074	0.20	ng	98
23) Anthracene	17.10	178	6219	0.19	ng	98
24) Fluoranthene	19.02	202	7372	0.19	ng	100
26) Pyrene	19.38	202	7693	0.19	ng	99
28) Benzo(a)anthracene	21.12	228	7835	0.21	ng	98
29) Chrysene	21.17	228	8260	0.20	ng	99
30) Bis(2-ethylhexyl)phthalate	21.07	149	980	0.30	ng	# 98
31) Indeno(1,2,3-cd)pyrene	25.88	276	6061	0.20	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	6076	0.20	ng	96
34) Benzo(k)fluoranthene	22.80	252	6267	0.19	ng	97
35) Benzo(a)pyrene	23.36	252	5331	0.20	ng	# 96
36) Dibenzo(a,h)anthracene	25.90	278	4816	0.20	ng	# 93
37) Benzo(g,h,i)perylene	26.62	276	5266	0.20	ng	92

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

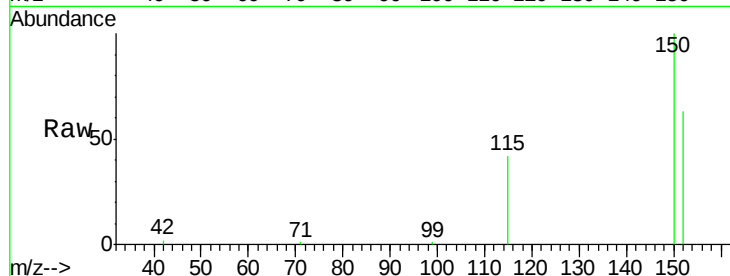
Tgt Ion:152 Resp: 22515

Ion Ratio Lower Upper

152 100

150 158.2 124.6 186.8

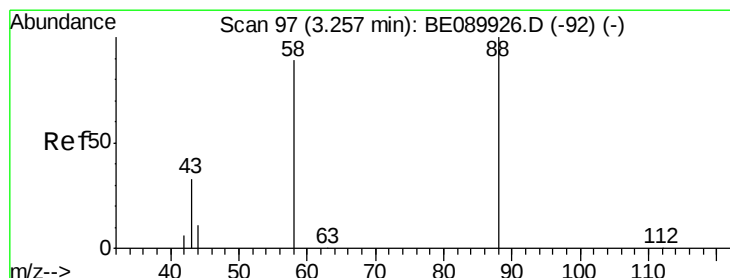
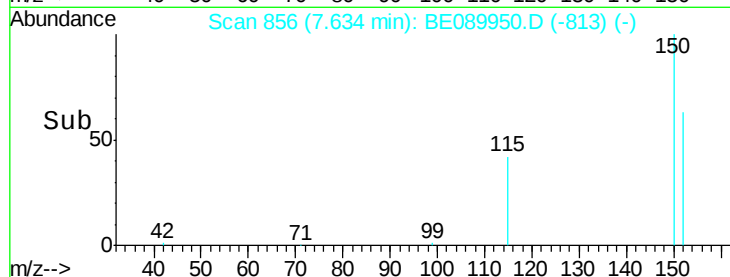
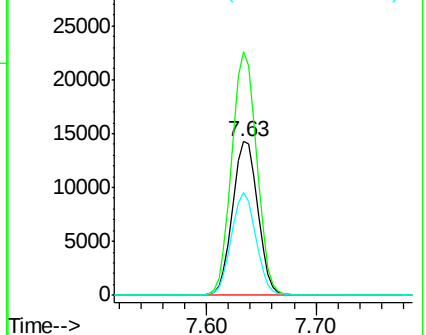
115 66.9 51.6 77.4



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: 0.03 ng

RT: 3.26 min Scan# 97

Delta R.T. 0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

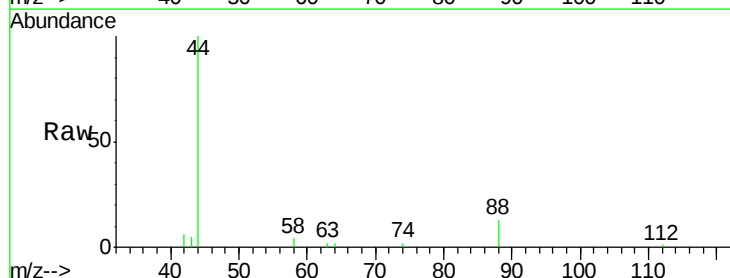
Tgt Ion: 88 Resp: 128

Ion Ratio Lower Upper

88 100

58 82.8 70.8 106.2

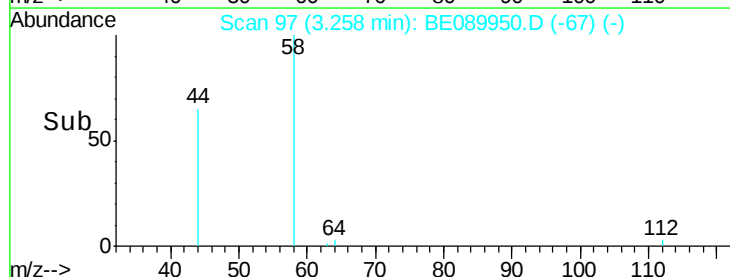
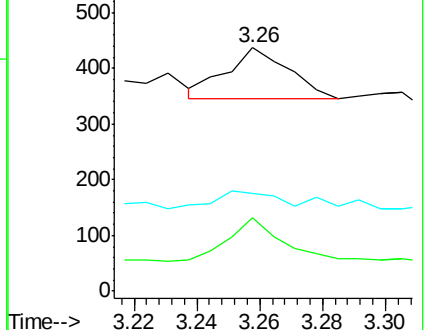
43 31.3 26.8 40.2

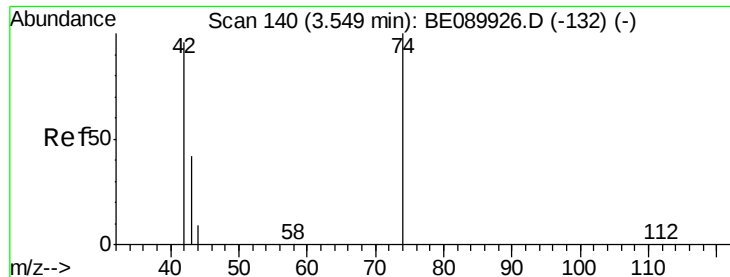


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.56 min Scan# 141

Delta R.T. 0.01 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

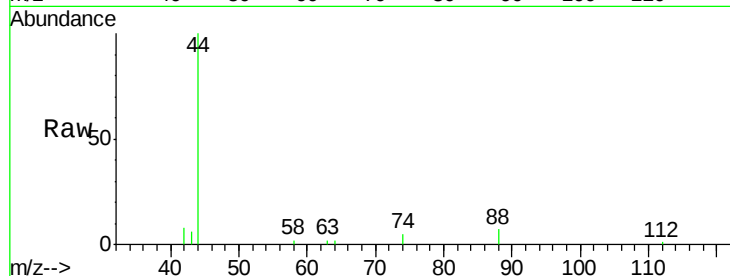
Tgt Ion: 42 Resp: 185

Ion Ratio Lower Upper

42 100

74 123.2 85.4 128.2

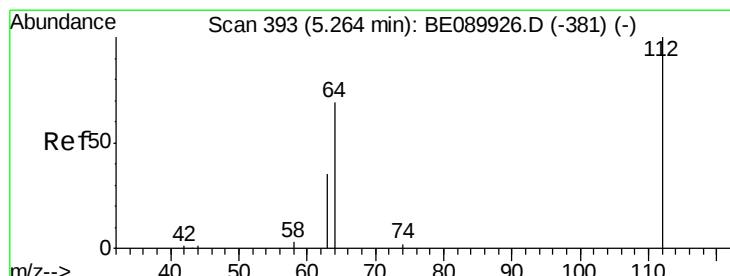
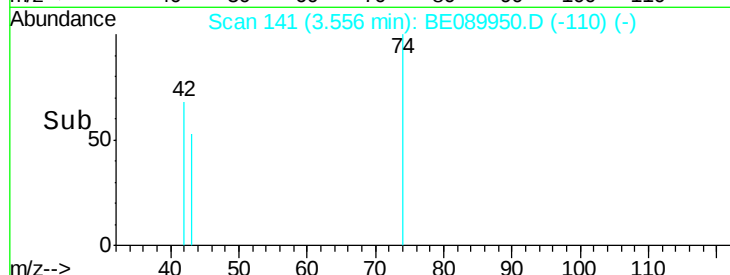
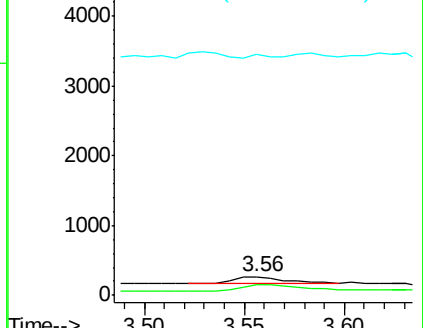
44 0.0 8.4 12.6#



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: 7.18 ng

RT: 5.27 min Scan# 393

Delta R.T. 0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

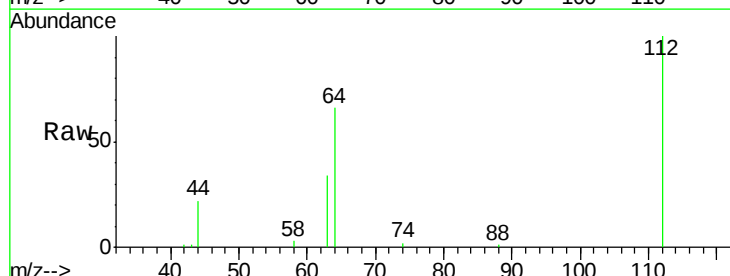
Tgt Ion: 112 Resp: 29200

Ion Ratio Lower Upper

112 100

64 72.9 57.4 86.2

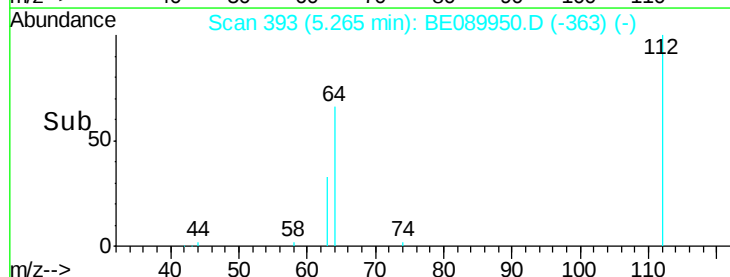
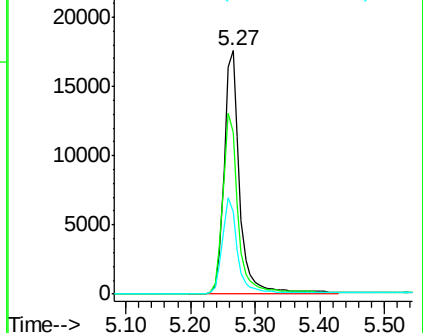
63 39.0 31.2 46.8

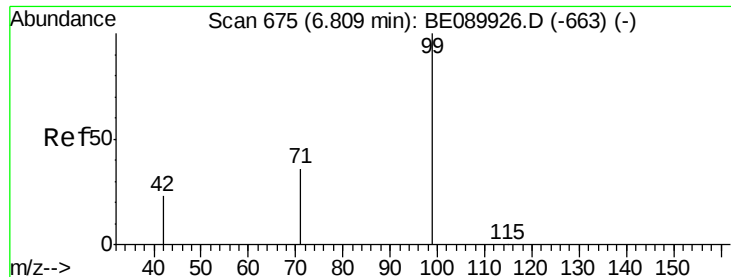


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.16 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

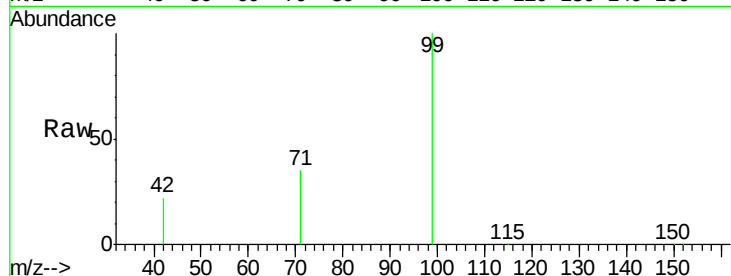
Tgt Ion: 99 Resp: 44628

Ion Ratio Lower Upper

99 100

42 22.5 19.5 29.3

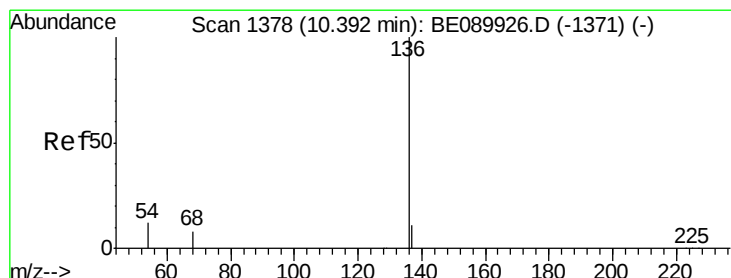
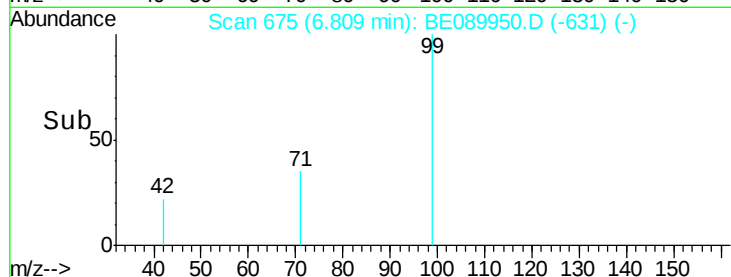
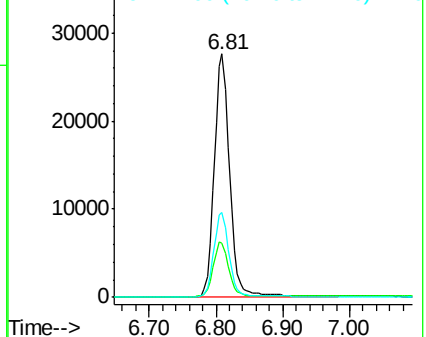
71 34.4 27.8 41.6



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: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Tgt Ion: 136 Resp: 101209

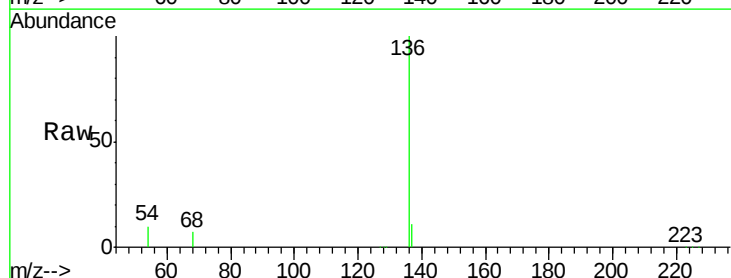
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.1 9.7 14.5

68 7.1 6.5 9.7

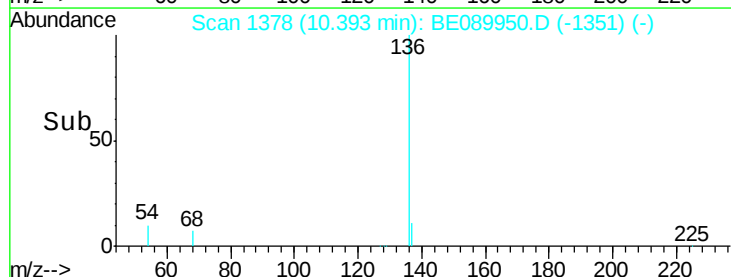
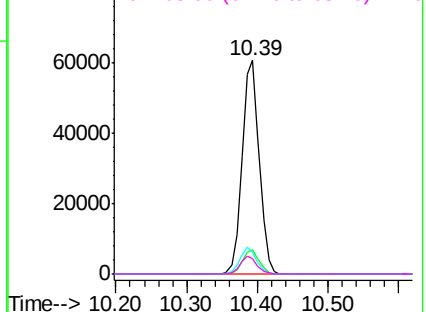


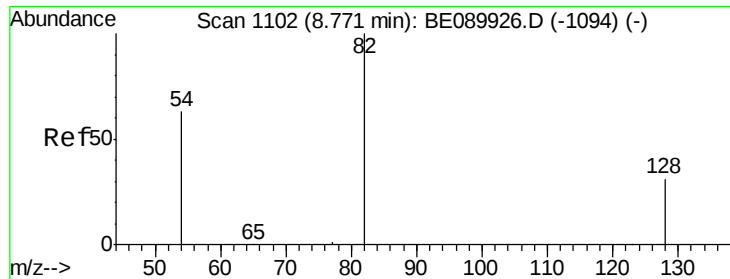
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.87 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

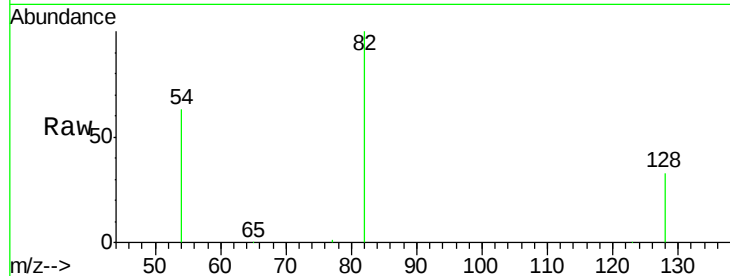
Tgt Ion: 82 Resp: 29166

Ion Ratio Lower Upper

82 100

128 33.4 25.6 38.4

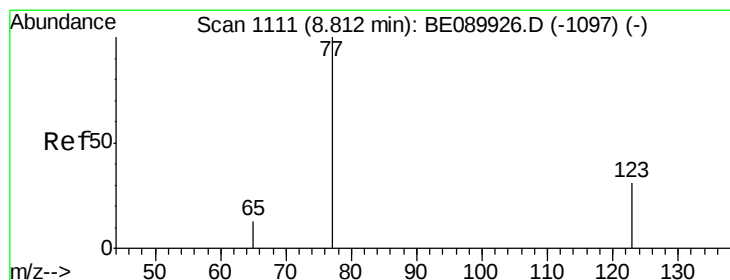
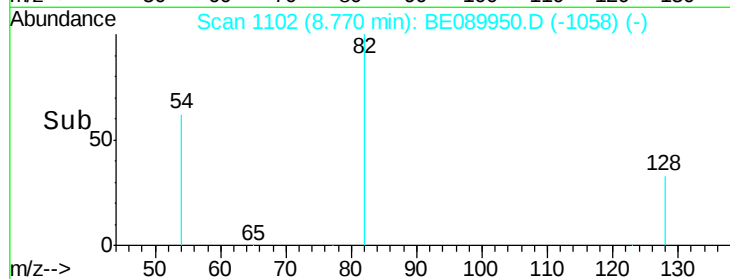
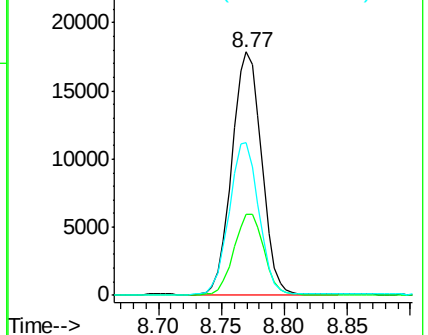
54 62.6 51.2 76.8



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: 0.12 ng

RT: 8.81 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

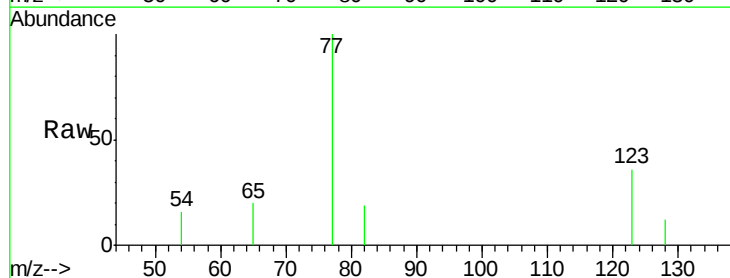
Tgt Ion: 77 Resp: 926

Ion Ratio Lower Upper

77 100

123 35.0 26.6 39.8

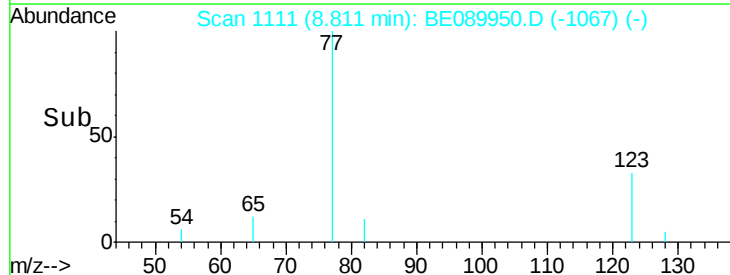
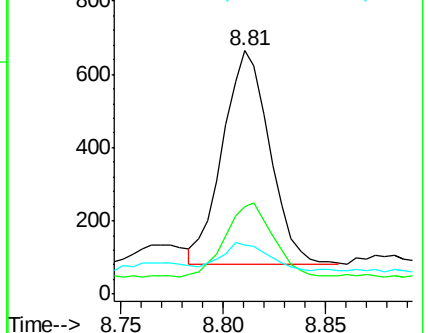
65 13.4 10.2 15.4



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: 0.12 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampled :

PB84222BL

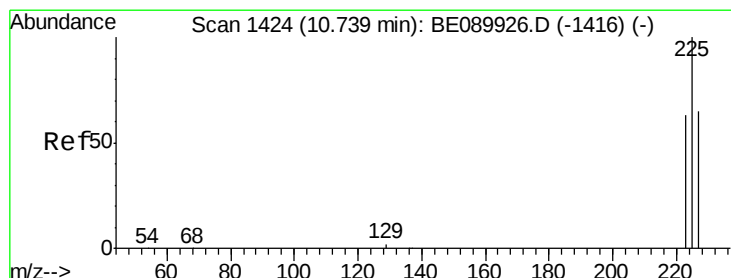
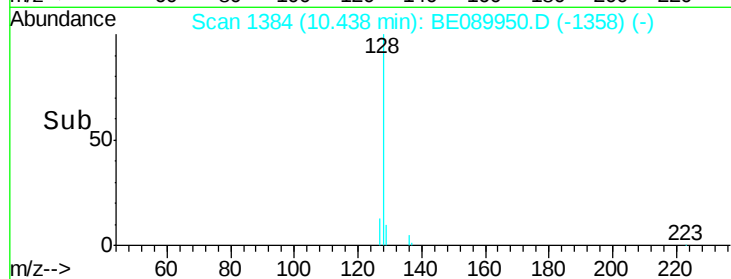
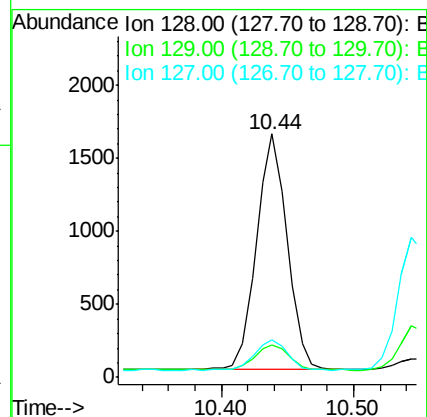
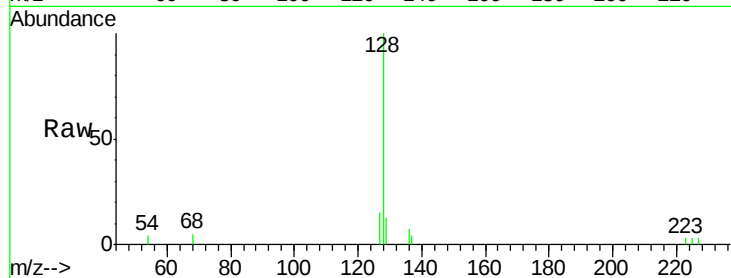
Tgt Ion:128 Resp: 2601

Ion Ratio Lower Upper

128 100

129 13.3 8.9 13.3

127 15.4 10.2 15.4#



#10

Hexachlorobutadiene

Concen: 0.09 ng

RT: 10.73 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

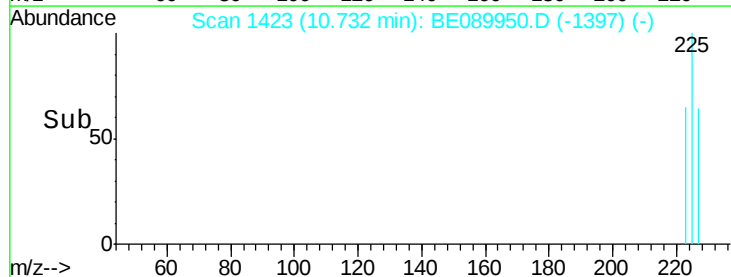
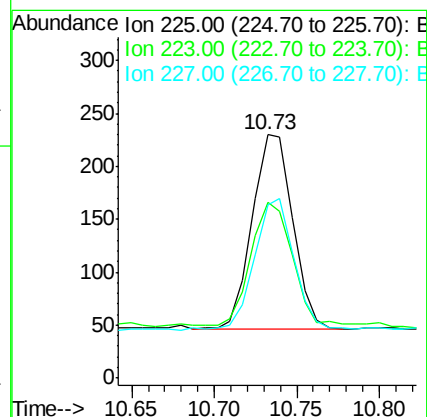
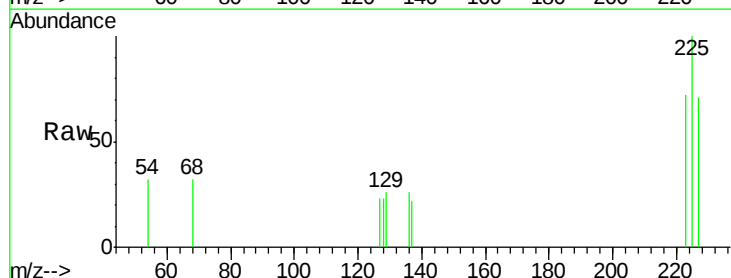
Tgt Ion:225 Resp: 316

Ion Ratio Lower Upper

225 100

223 66.8 50.0 75.0

227 66.5 50.7 76.1

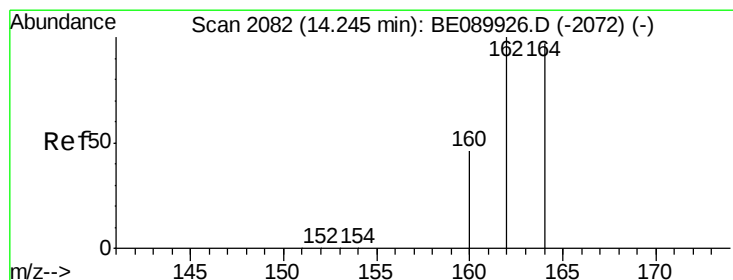
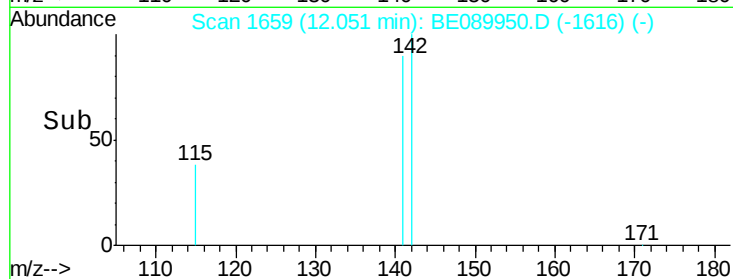
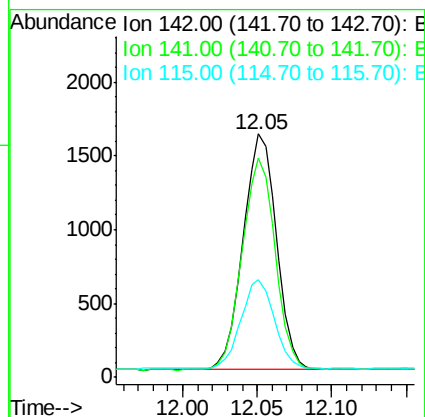
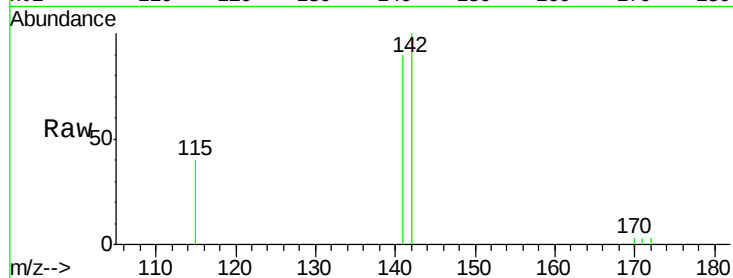




#11
2-Methylnaphthalene
Concen: 0.16 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

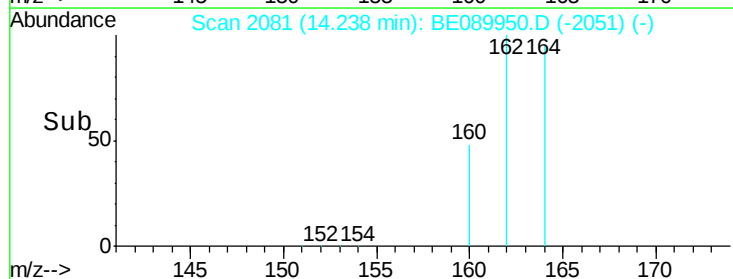
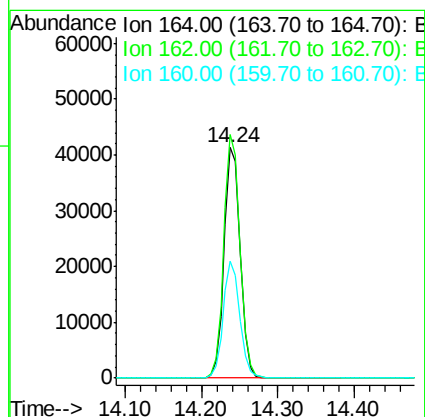
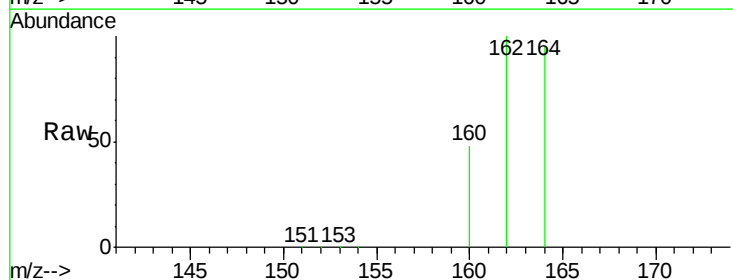
Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:142 Resp: 2491
Ion Ratio Lower Upper
142 100
141 90.2 71.1 106.7
115 40.1 29.1 43.7



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:164 Resp: 60417
Ion Ratio Lower Upper
164 100
162 105.7 82.7 124.1
160 50.9 38.3 57.5

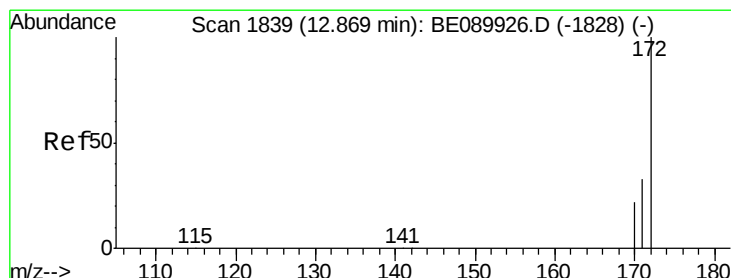
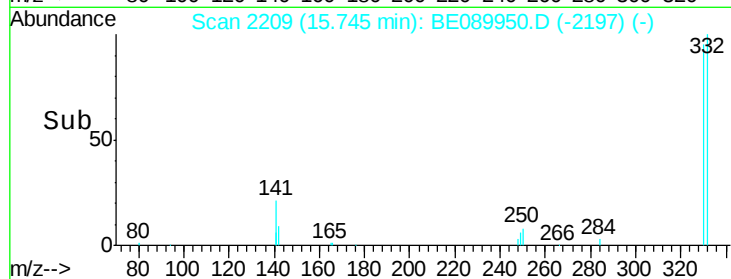
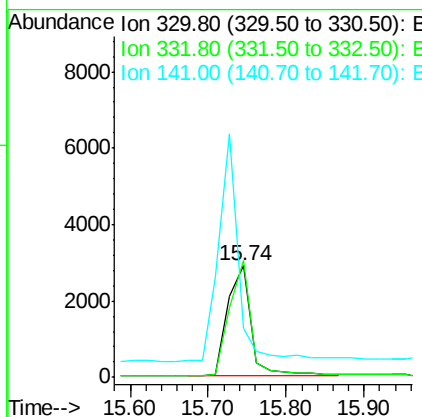
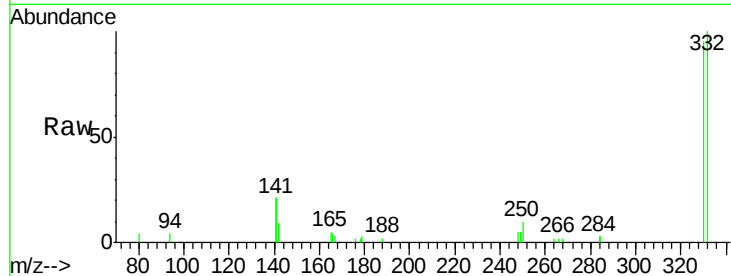




#13
 2,4,6-Tribromophenol
 Concen: 5.70 ng
 RT: 15.74 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE089950.D
 Acq: 26 Jun 2015 19:34

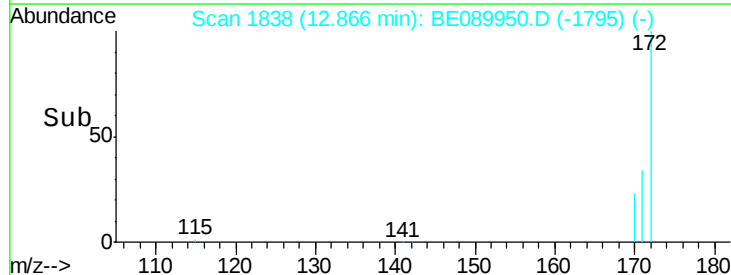
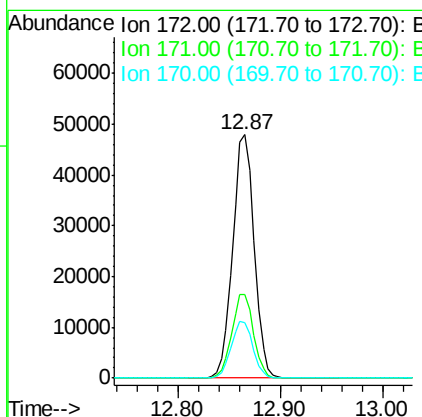
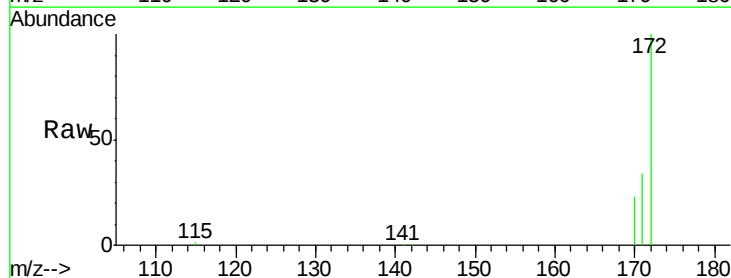
Instrument :
 BNA_E
 ClientSampleId :
 PB84222BL

Tgt Ion:330 Resp: 5979
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.9 116.9
 141 178.6 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 3.93 ng
 RT: 12.87 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089950.D
 Acq: 26 Jun 2015 19:34

Tgt Ion:172 Resp: 69198
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.7 40.1
 170 22.8 17.5 26.3





#15

Acenaphthylene

Concen: 0.18 ng

RT: 13.96 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

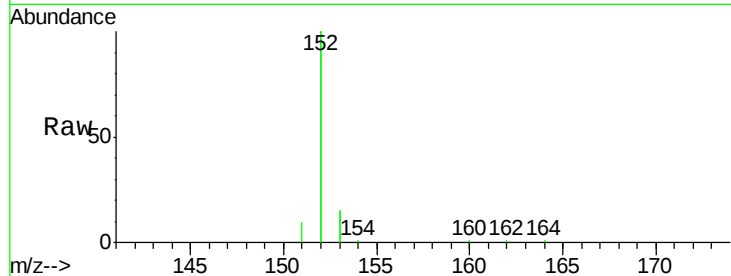
Tgt Ion:152 Resp: 18999

Ion Ratio Lower Upper

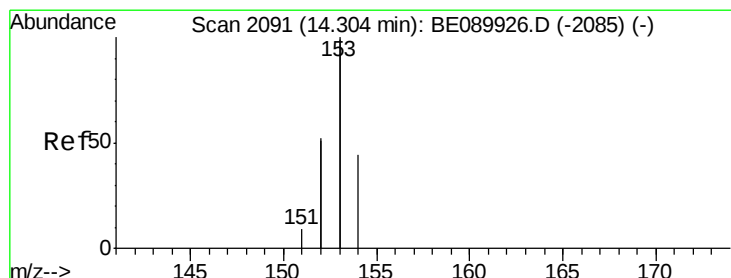
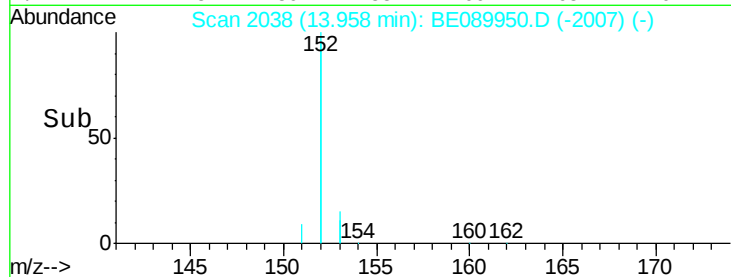
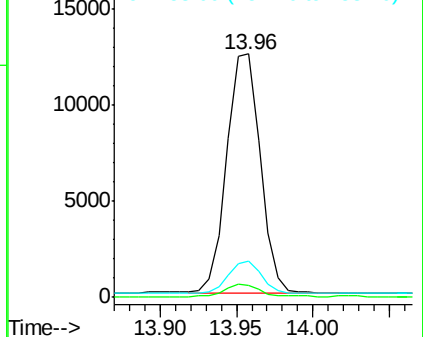
152 100

151 5.0 3.9 5.9

153 12.9 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: 0.19 ng

RT: 14.30 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

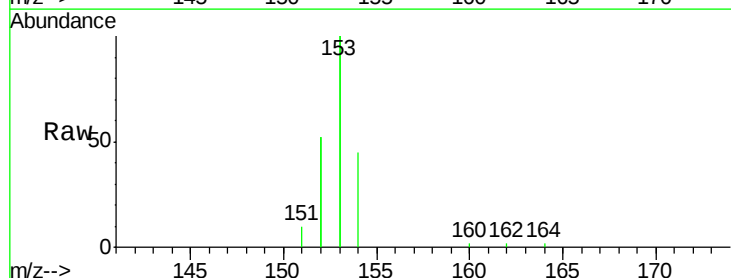
Tgt Ion:154 Resp: 2887

Ion Ratio Lower Upper

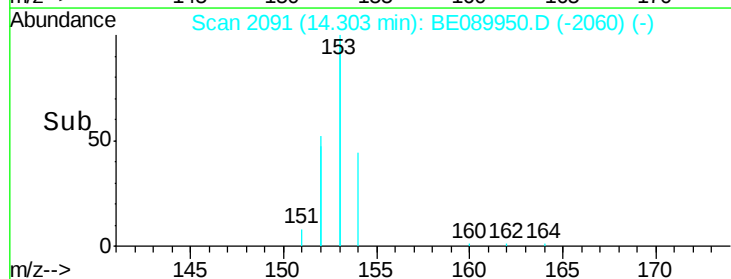
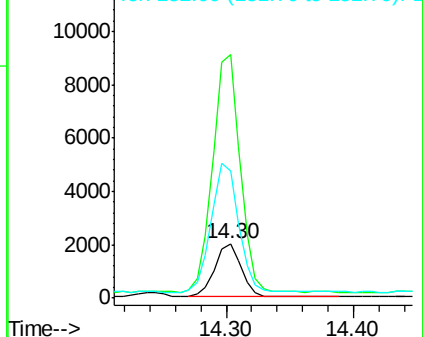
154 100

153 456.6 362.8 544.2

152 249.4 194.6 291.8



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: 0.21 ng

RT: 15.29 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

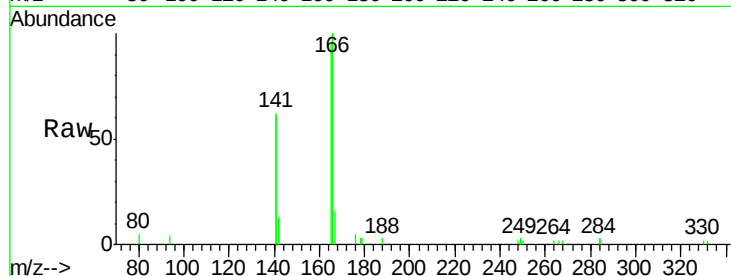
Tgt Ion:166 Resp: 4232

Ion Ratio Lower Upper

166 100

165 103.7 81.1 121.7

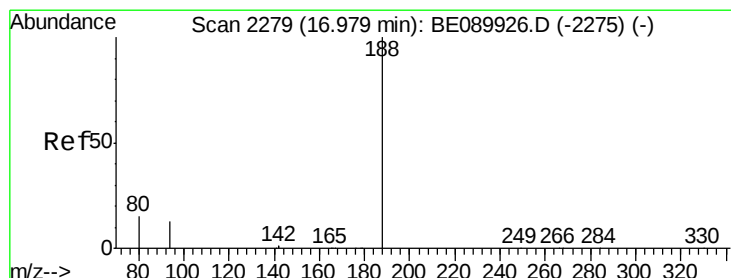
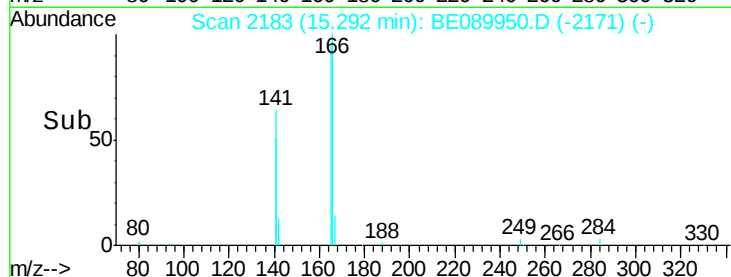
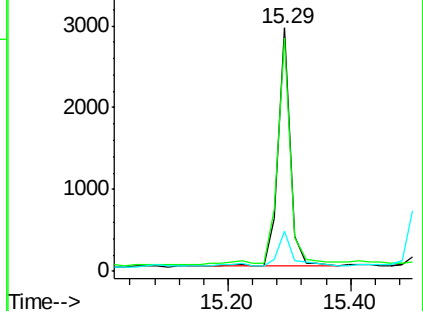
167 15.9 11.8 17.8



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: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

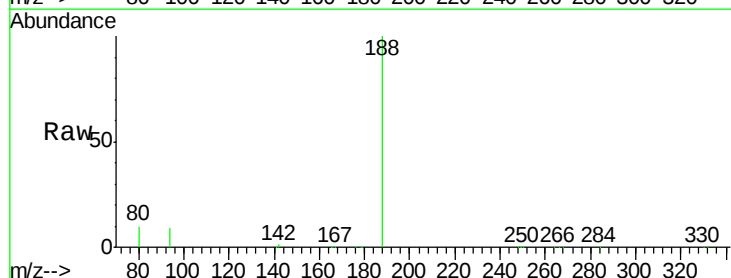
Tgt Ion:188 Resp: 143114

Ion Ratio Lower Upper

188 100

94 9.1 10.6 16.0#

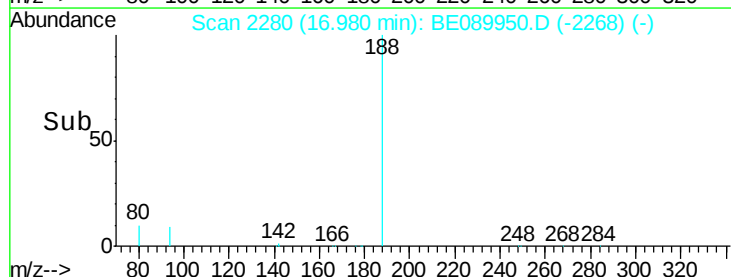
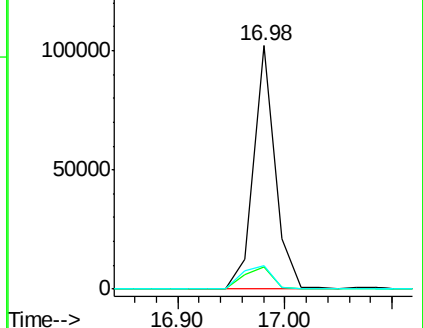
80 9.8 11.8 17.6#



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

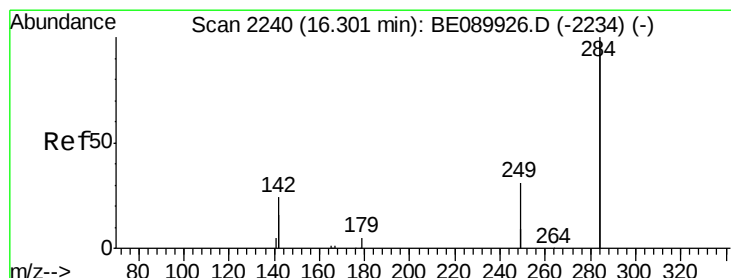
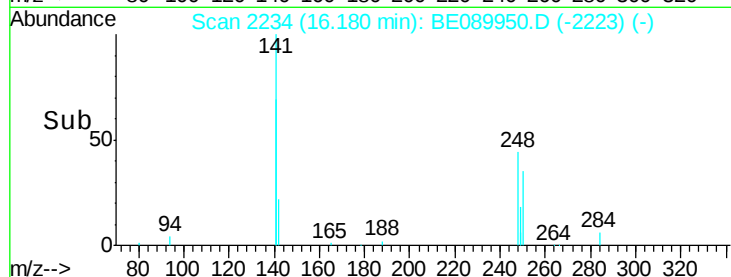
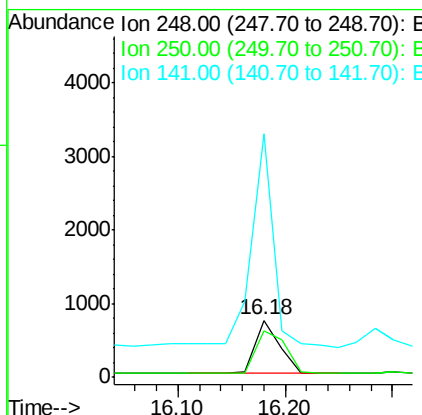
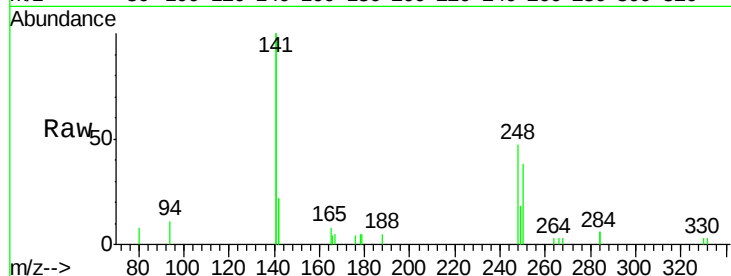




#19
4-Bromophenyl-phenylether
Concen: 0.20 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

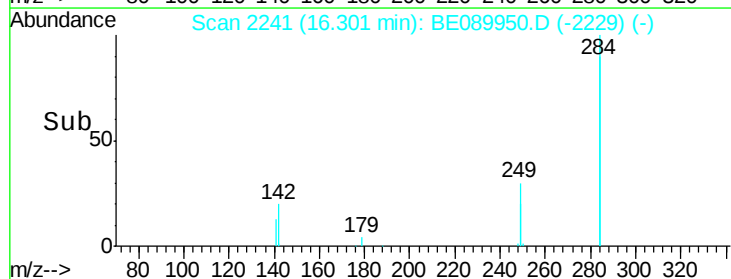
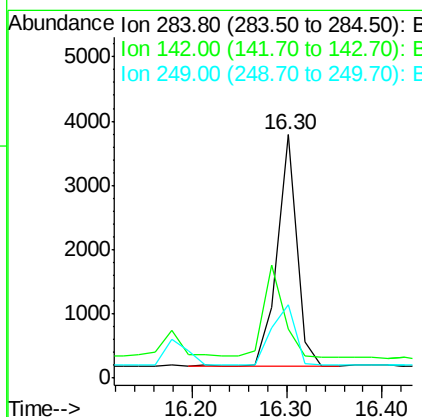
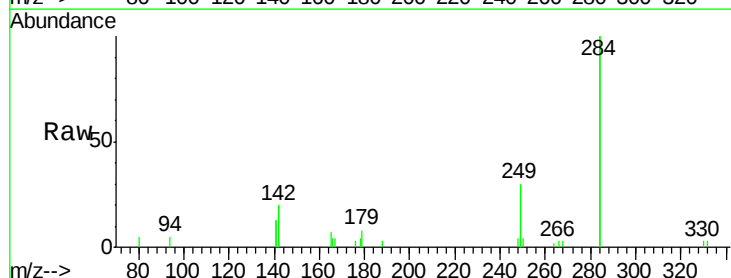
Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:248 Resp: 1160
Ion Ratio Lower Upper
248 100
250 97.2 79.3 118.9
141 346.4 274.1 411.1



#20
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:284 Resp: 5153
Ion Ratio Lower Upper
284 100
142 41.8 32.0 48.0
249 32.2 25.0 37.6

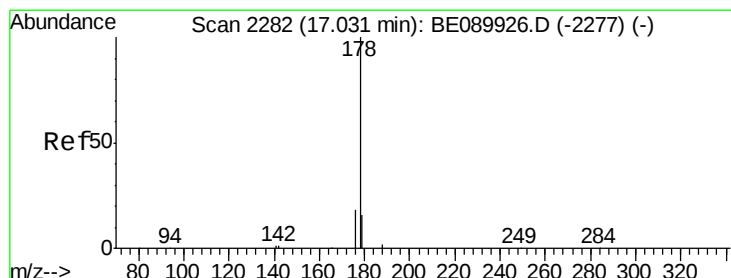
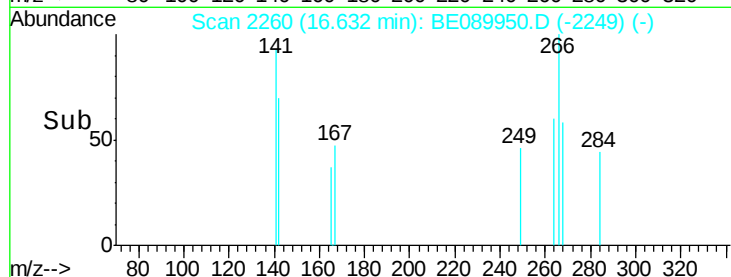
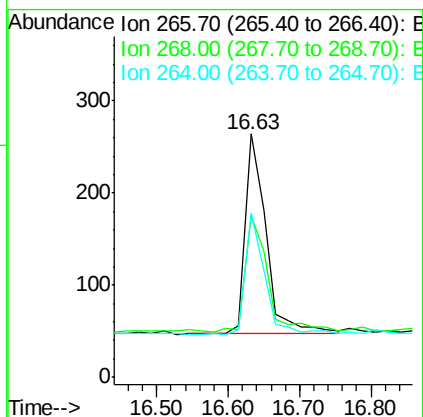
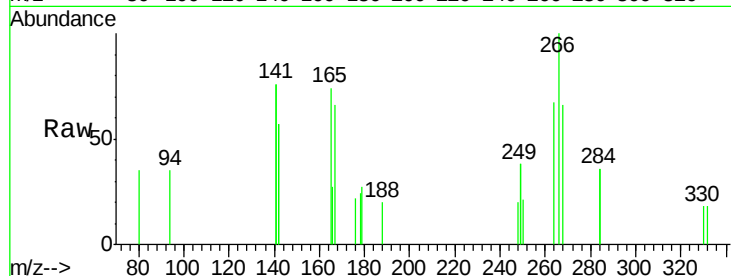




#21
 Pentachlorophenol
 Concen: 0.73 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. -0.02 min
 Lab File: BE089950.D
 Acq: 26 Jun 2015 19:34

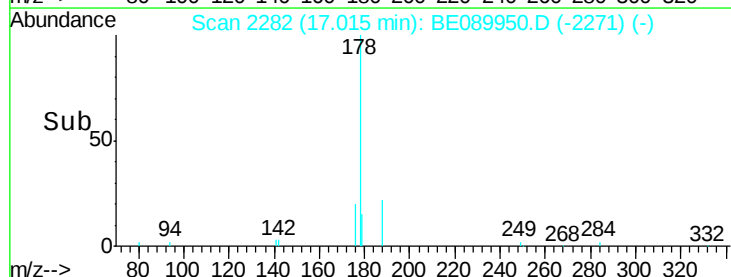
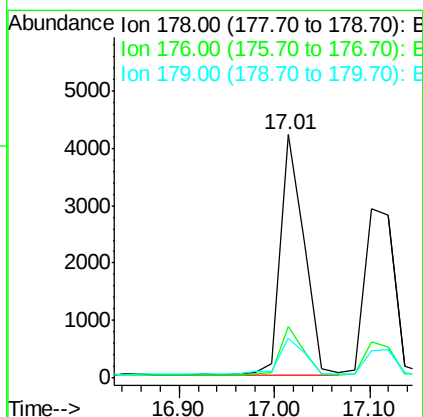
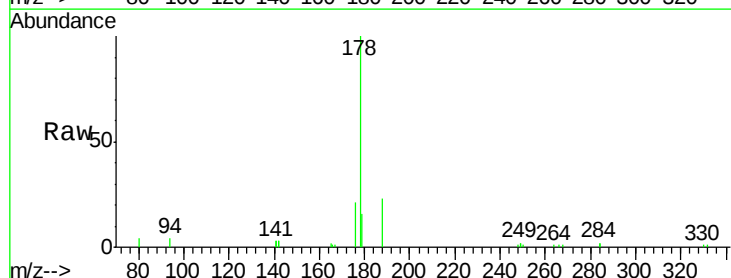
Instrument :
 BNA_E
 ClientSampleId :
 PB84222BL

Tgt Ion:266 Resp: 440
 Ion Ratio Lower Upper
 266 100
 268 66.3 54.4 81.6
 264 67.4 48.2 72.2



#22
 Phenanthrene
 Concen: 0.20 ng
 RT: 17.01 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BE089950.D
 Acq: 26 Jun 2015 19:34

Tgt Ion:178 Resp: 7074
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.6 12.6 19.0





#23

Anthracene

Concen: 0.19 ng

RT: 17.10 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampled :

PB84222BL

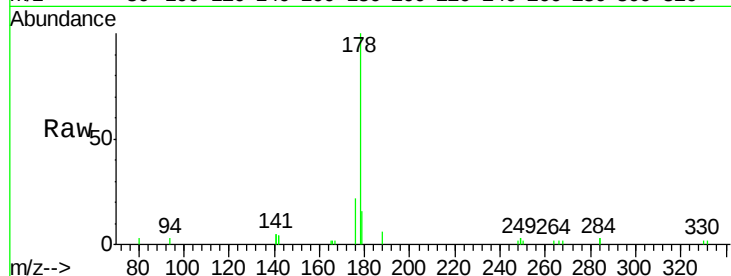
Tgt Ion:178 Resp: 6219

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

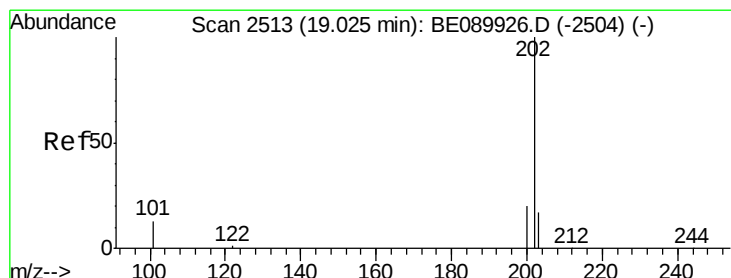
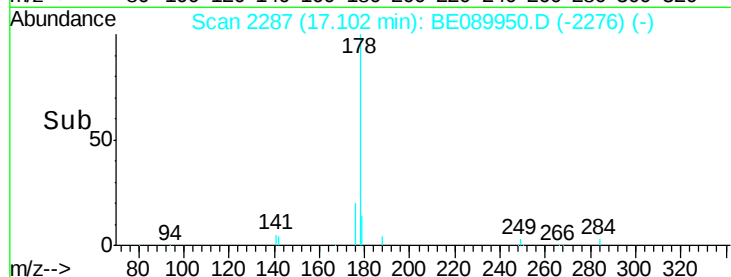
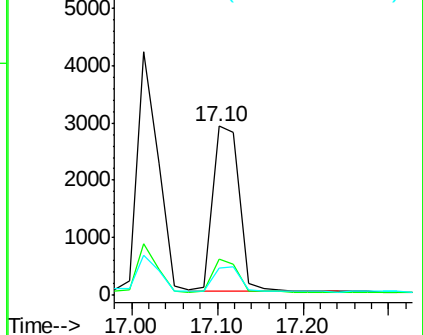
179 15.9 12.3 18.5



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: 0.19 ng

RT: 19.02 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

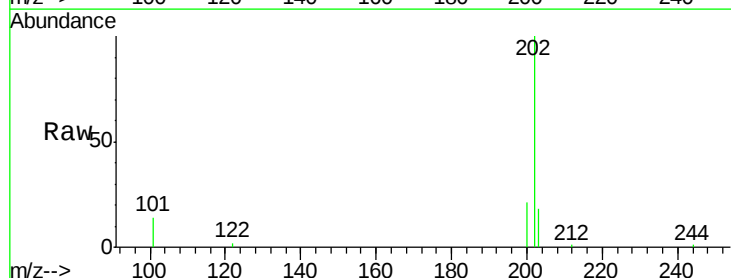
Tgt Ion:202 Resp: 7372

Ion Ratio Lower Upper

202 100

101 13.1 10.6 16.0

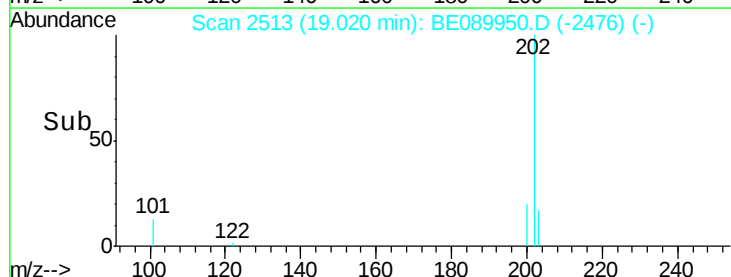
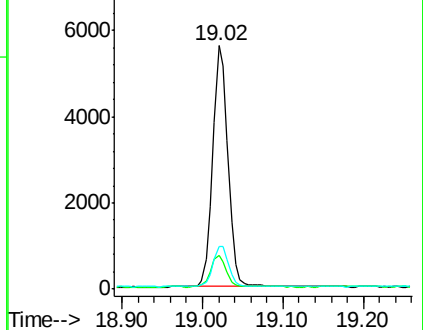
203 17.3 13.8 20.8



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: 21.13 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

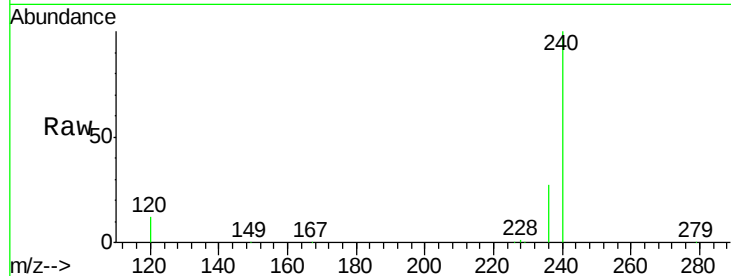
Tgt Ion:240 Resp: 158929

Ion Ratio Lower Upper

240 100

120 12.0 7.9 11.9#

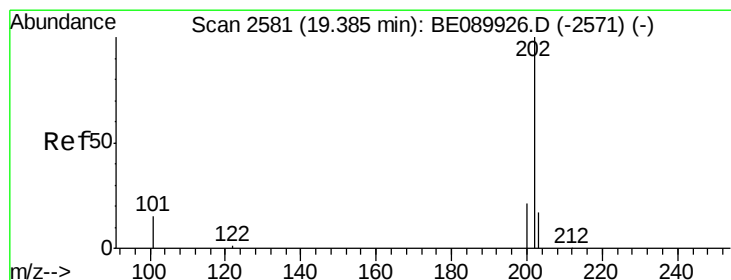
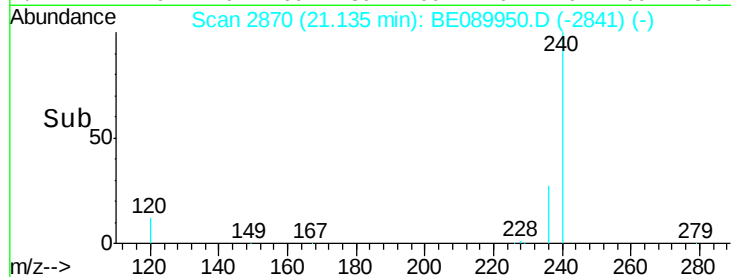
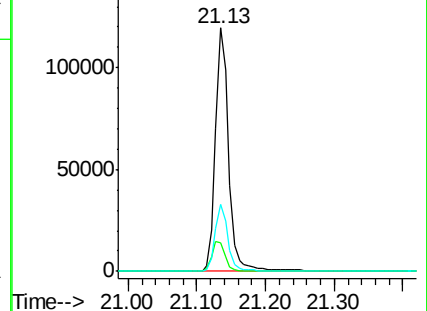
236 27.3 21.2 31.8



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: 0.19 ng

RT: 19.38 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

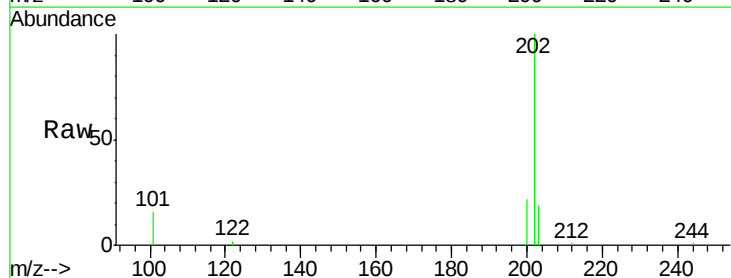
Tgt Ion:202 Resp: 7693

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

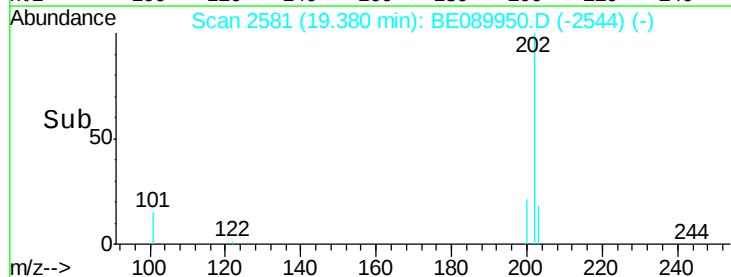
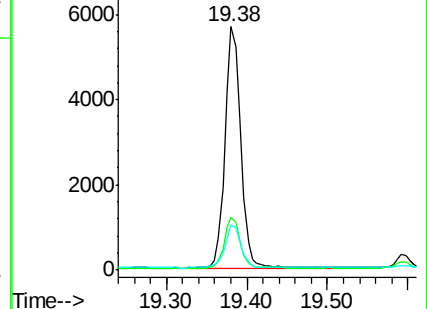
203 18.3 13.9 20.9



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: 3.87 ng

RT: 19.60 min Scan# 2622

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

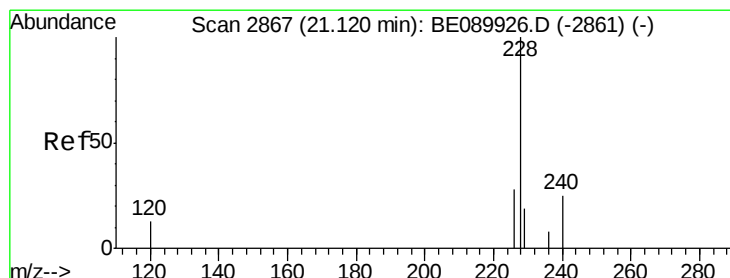
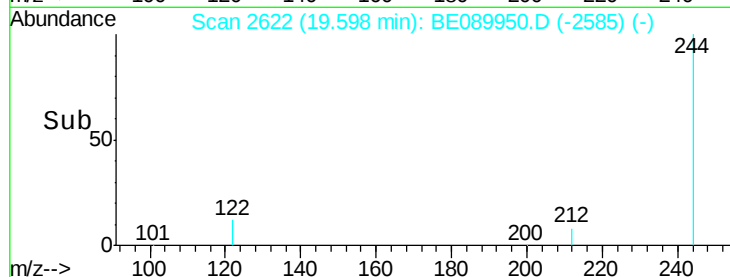
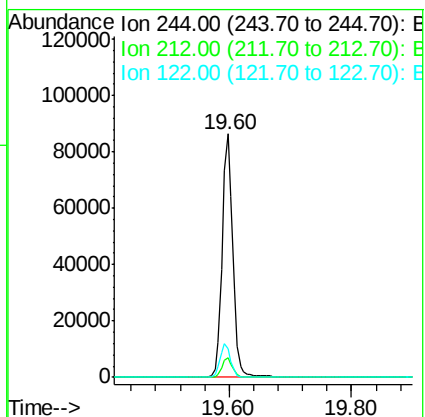
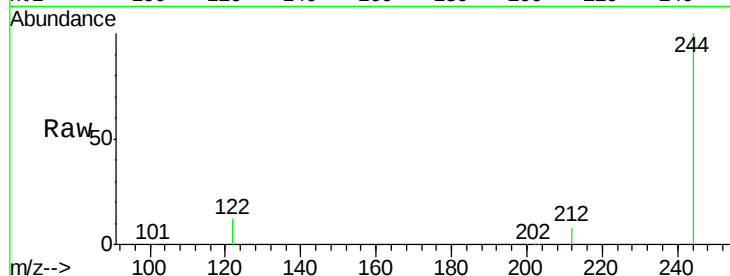
Tgt Ion:244 Resp: 106081

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 11.7 8.7 13.1



#28

Benzo(a)anthracene

Concen: 0.21 ng

RT: 21.12 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

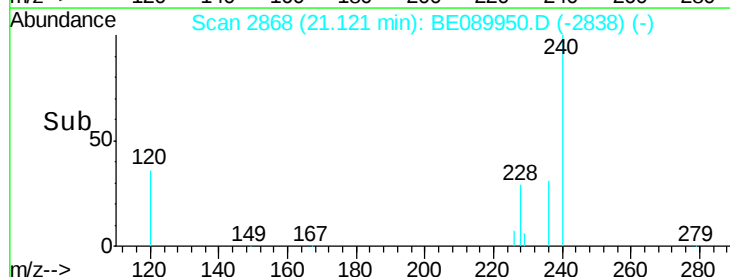
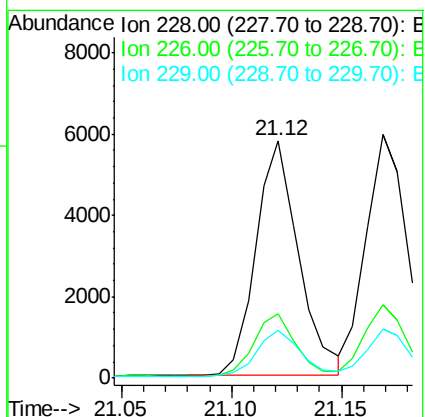
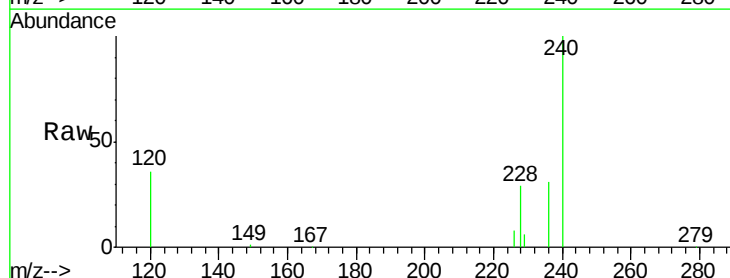
Tgt Ion:228 Resp: 7835

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.4

229 20.0 15.3 22.9





#29

Chrysene

Concen: 0.20 ng

RT: 21.17 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

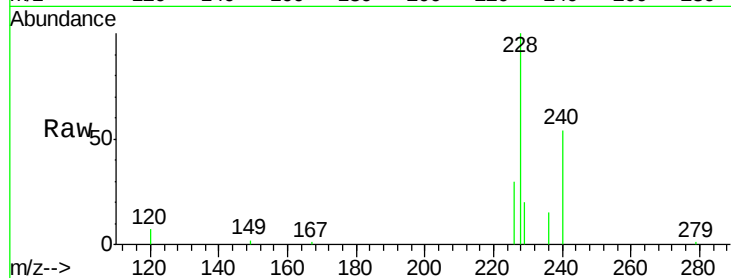
Tgt Ion:228 Resp: 8260

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

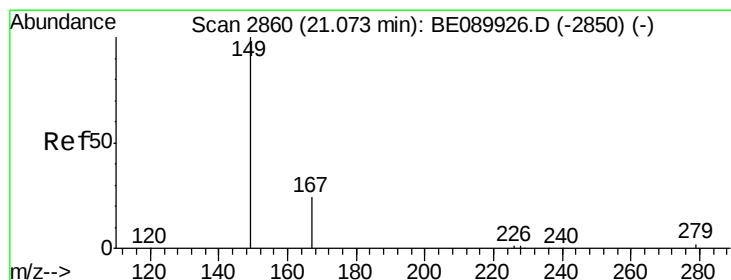
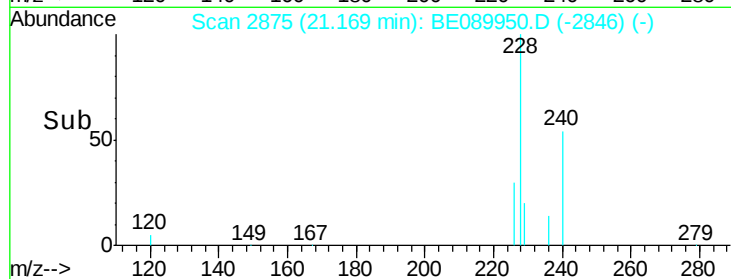
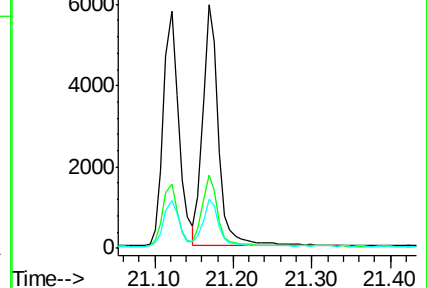
229 20.2 15.8 23.8



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: 0.30 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

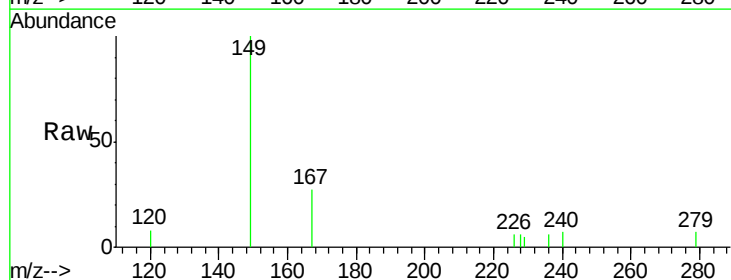
Tgt Ion:149 Resp: 980

Ion Ratio Lower Upper

149 100

167 24.6 20.3 30.5

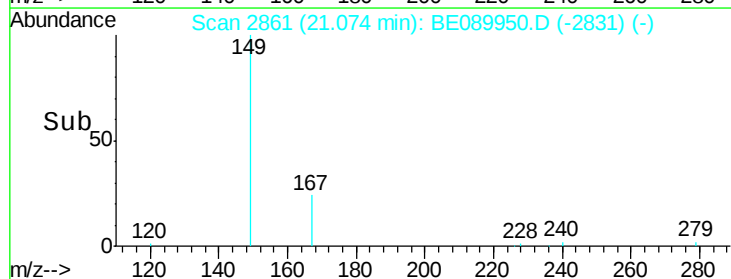
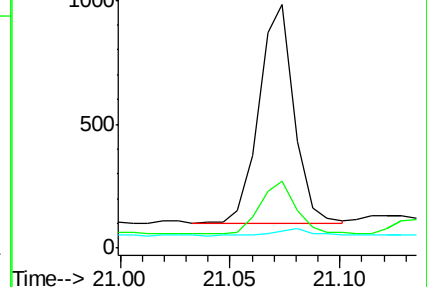
279 4.2 2.7 4.1#

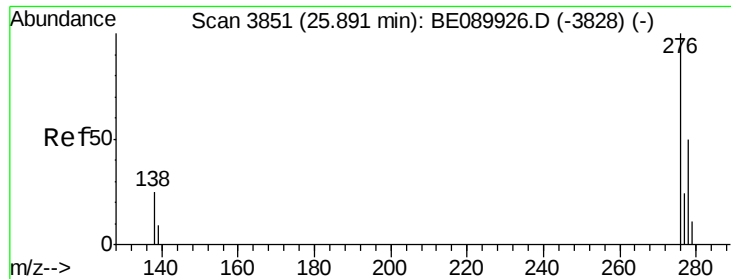


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.20 ng

RT: 25.88 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

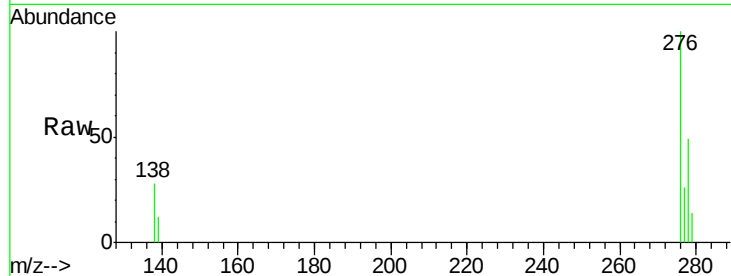
Tgt Ion:276 Resp: 6061

Ion Ratio Lower Upper

276 100

138 26.1 0.0 0.0#

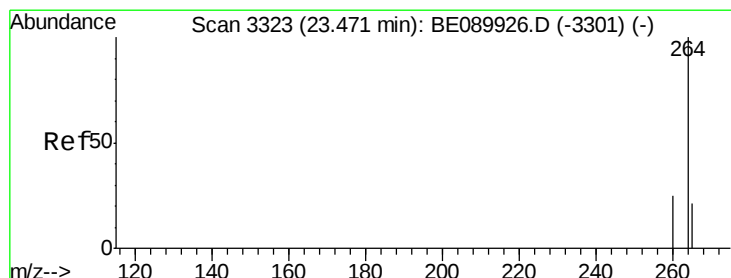
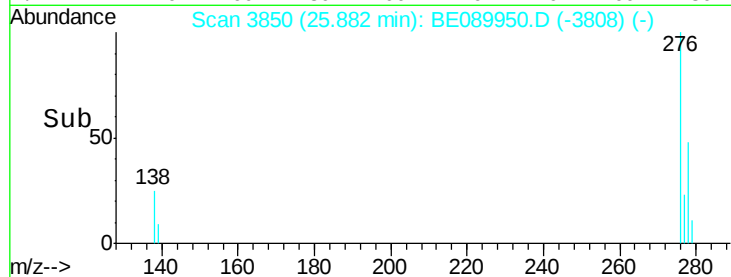
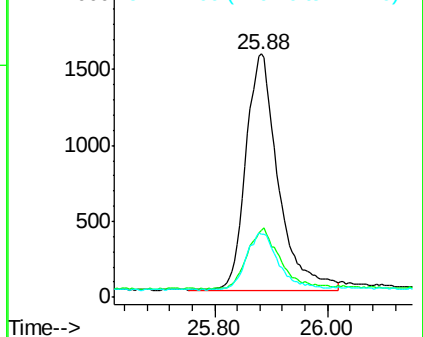
277 24.5 0.0 0.0#



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: 23.47 min Scan# 3323

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Tgt Ion:264 Resp: 140393

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.6

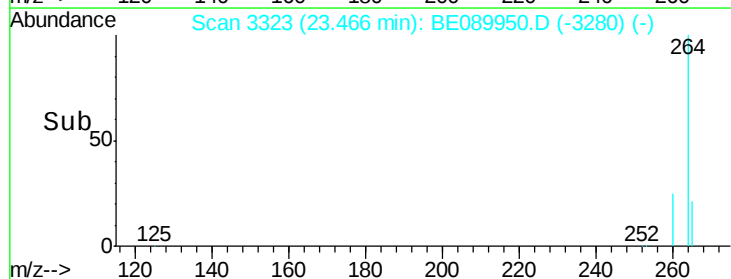
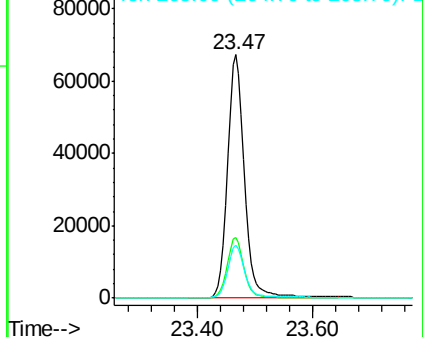
265 21.6 17.3 25.9

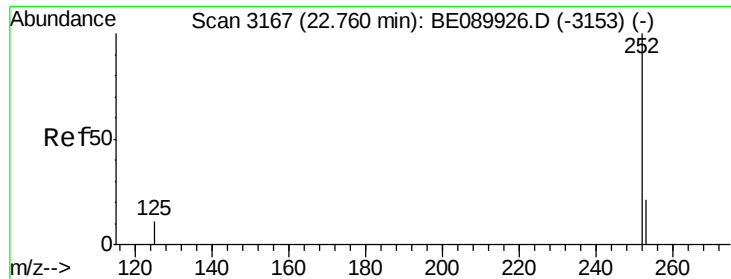


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

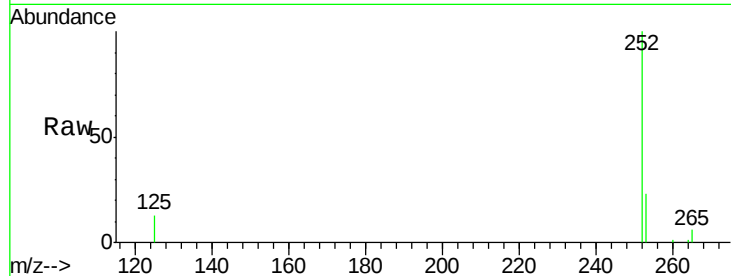
Tgt Ion:252 Resp: 6076

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

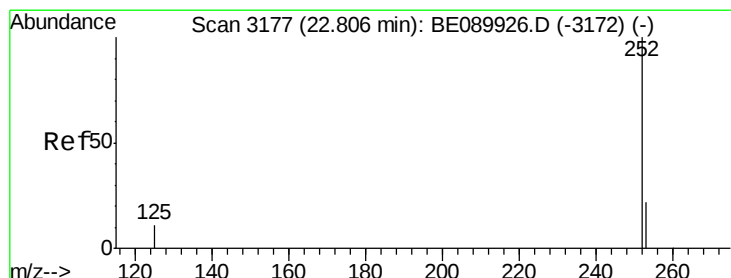
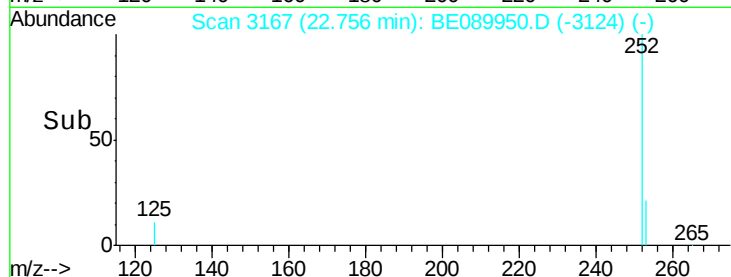
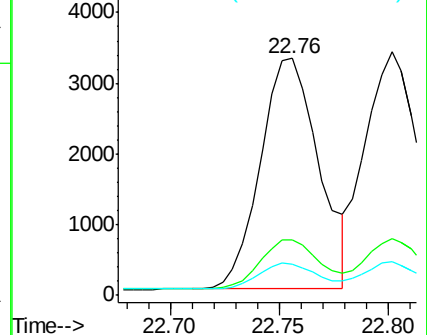
125 13.4 9.3 13.9



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: 0.19 ng

RT: 22.80 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

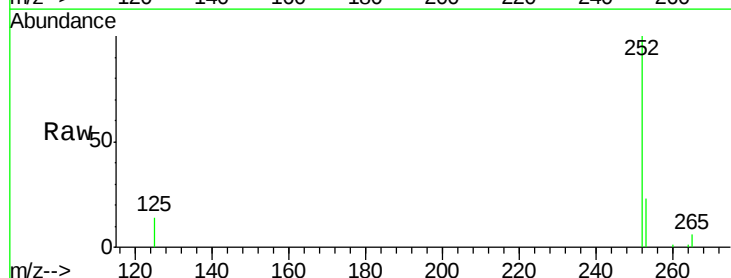
Tgt Ion:252 Resp: 6267

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

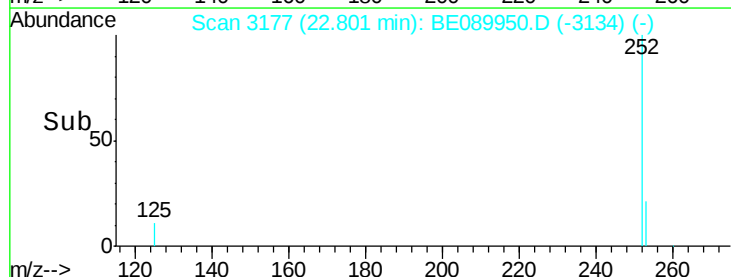
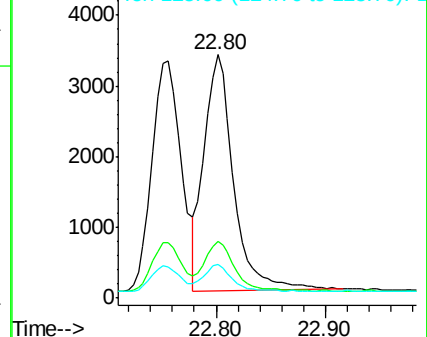
125 13.7 9.2 13.8



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: 0.20 ng

RT: 23.36 min Scan# 3299

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL

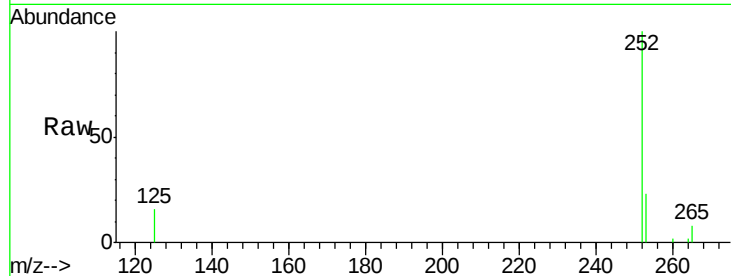
Tgt Ion:252 Resp: 5331

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

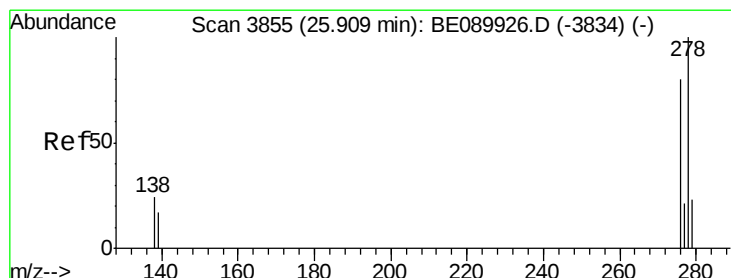
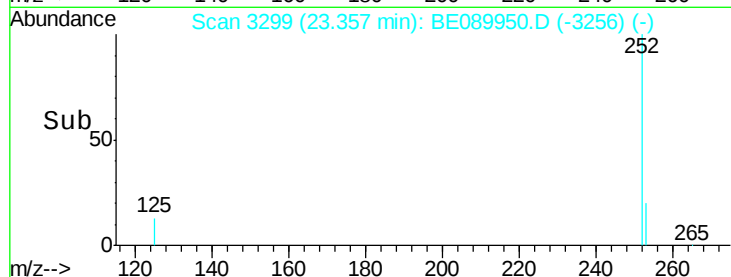
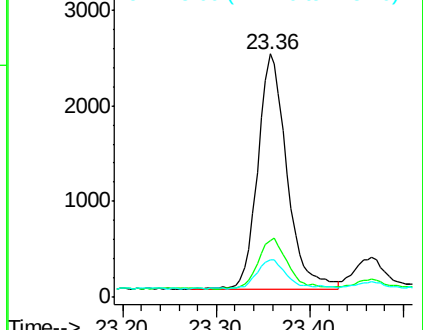
125 15.6 10.3 15.5#



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: 0.20 ng

RT: 25.90 min Scan# 3855

Delta R.T. -0.00 min

Lab File: BE089950.D

Acq: 26 Jun 2015 19:34

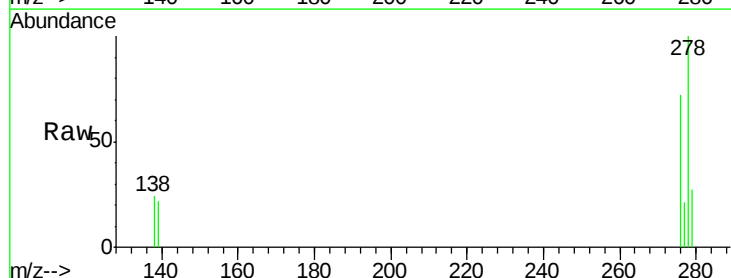
Tgt Ion:278 Resp: 4816

Ion Ratio Lower Upper

278 100

139 21.6 14.1 21.1#

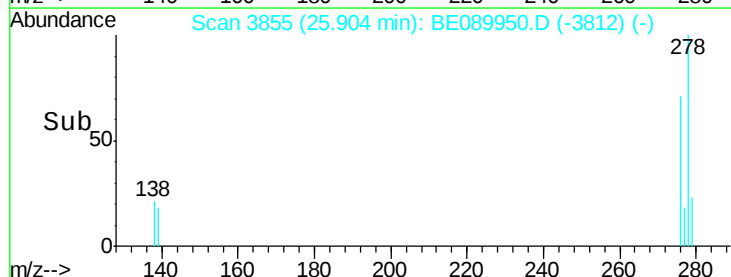
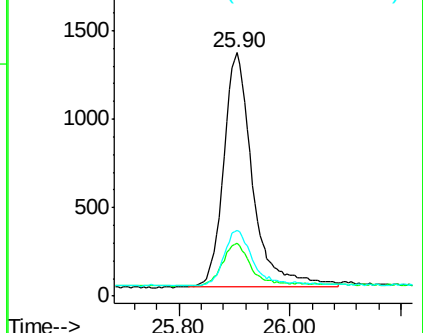
279 26.9 19.0 28.6

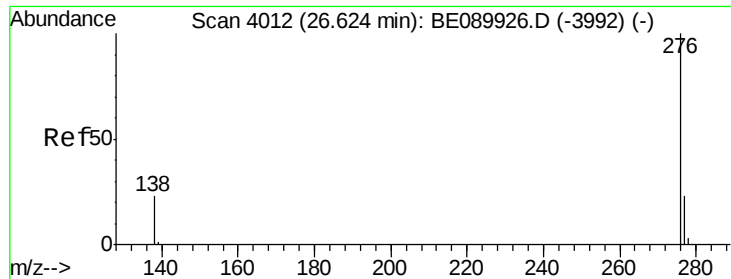


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.20 ng

RT: 26.62 min Scan# 4012

Delta R.T. -0.00 min

Lab File: BE089950.D

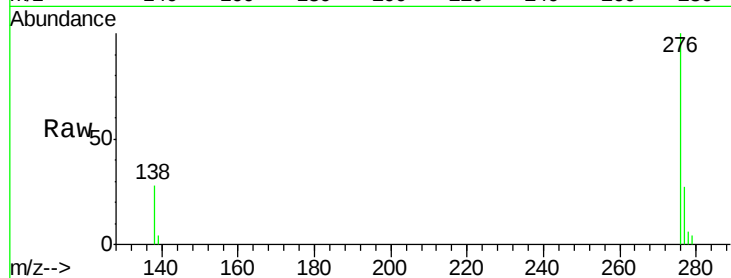
Acq: 26 Jun 2015 19:34

Instrument :

BNA_E

ClientSampleId :

PB84222BL



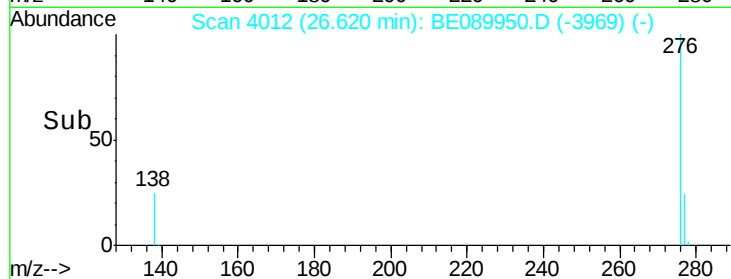
Tgt Ion: 276 Resp: 5266

Ion Ratio Lower Upper

276 100

277 26.6 19.0 28.4

138 28.0 18.8 28.2



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

