

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089956.D
 Acq On : 27 Jun 2015 1:00
 Operator : TP/IZ
 Sample : PB84124BL
 Misc : LOD/LOQ-SIM-WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84124BL

Quant Time: Jun 27 01:55:09 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	37793	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	171691	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	103696	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	249415	5.00	ng	0.00
25) Chrysene-d12	21.13	240	257432	5.00	ng	0.00
32) Perylene-d12	23.47	264	223906	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	81254	11.91	ng	0.00
5) Phenol-d6	6.81	99	121293	11.60	ng	0.00
7) Nitrobenzene-d5	8.77	82	90403	7.07	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	14584	7.97	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	202750	6.71	ng	0.00
27) Terphenyl-d14	19.60	244	299450	6.74	ng	0.00

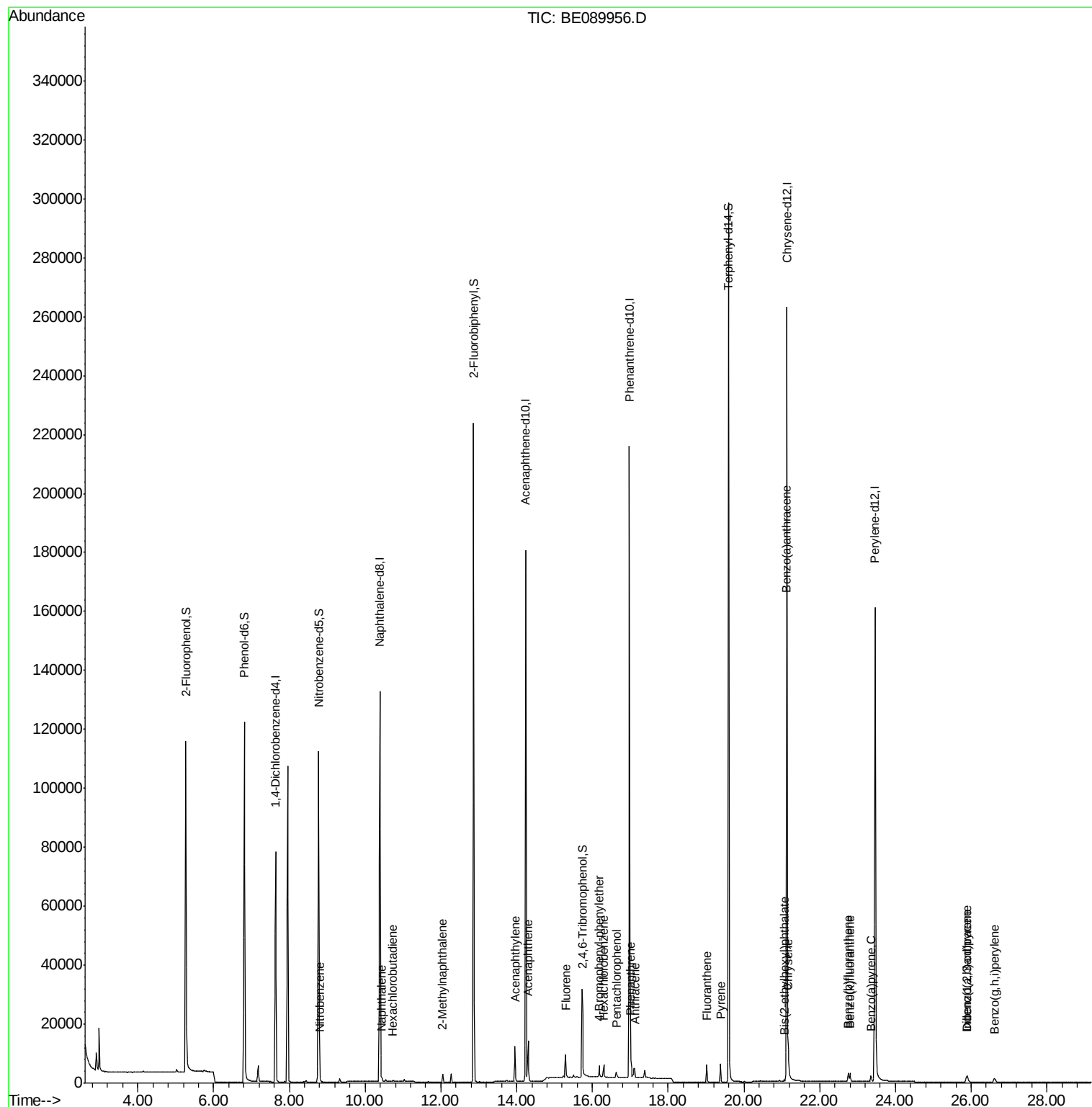
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	8	Below Cal	#	44
8) Nitrobenzene	8.81	77	759	0.06	ng	96
9) Naphthalene	10.44	128	2150	0.06	ng	# 91
10) Hexachlorobutadiene	10.73	225	216	0.04	ng	96
11) 2-Methylnaphthalene	12.05	142	1876	0.07	ng	97
15) Acenaphthylene	13.96	152	14943	0.08	ng	99
16) Acenaphthene	14.30	154	2332	0.09	ng	98
17) Fluorene	15.29	166	3398	0.10	ng	# 96
19) 4-Bromophenyl-phenylether	16.18	248	834	0.08	ng	87
20) Hexachlorobenzene	16.30	284	3998	0.09	ng	97
21) Pentachlorophenol	16.63	266	863	0.77	ng	# 90
22) Phenanthrene	17.01	178	5679	0.09	ng	96
23) Anthracene	17.12	178	4669	0.08	ng	99
24) Fluoranthene	19.02	202	5461	0.08	ng	99
26) Pyrene	19.39	202	5560	0.09	ng	100
28) Benzo(a)anthracene	21.12	228	5831	0.09	ng	99
29) Chrysene	21.17	228	5921	0.09	ng	98
30) Bis(2-ethylhexyl)phthalate	21.07	149	584	0.11	ng	98
31) Indeno(1,2,3-cd)pyrene	25.87	276	3565	0.07	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	3827	0.08	ng	# 93
34) Benzo(k)fluoranthene	22.80	252	4073	0.08	ng	# 93
35) Benzo(a)pyrene	23.36	252	3104	0.07	ng	# 91
36) Dibenzo(a,h)anthracene	25.90	278	2759	0.07	ng	# 92
37) Benzo(g,h,i)perylene	26.62	276	3244	0.08	ng	93

(#) = 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: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

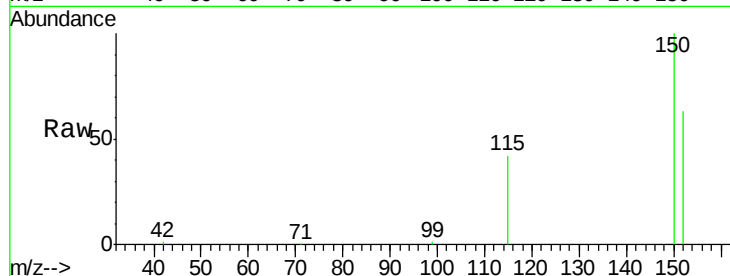
Tgt Ion:152 Resp: 37793

Ion Ratio Lower Upper

152 100

150 157.8 124.6 186.8

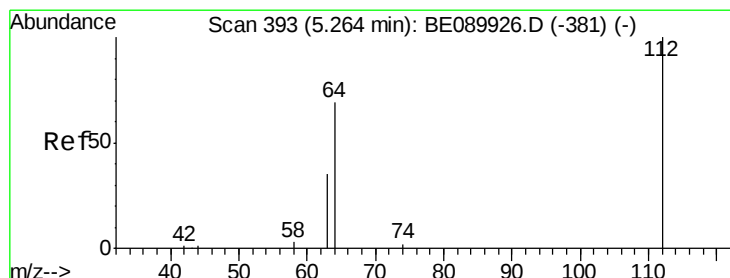
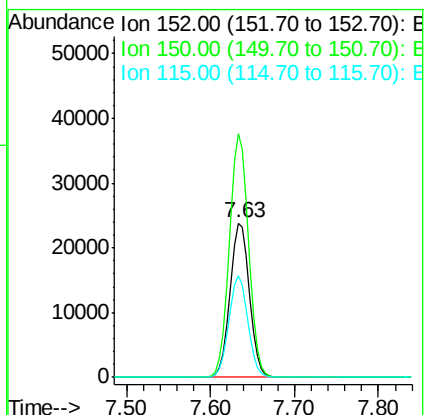
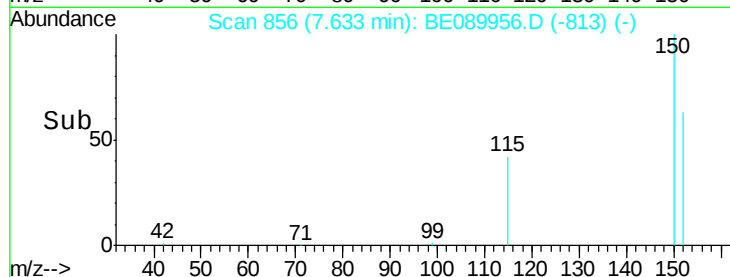
115 66.1 51.6 77.4



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



#4

2-Fluorophenol

Concen: 11.91 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

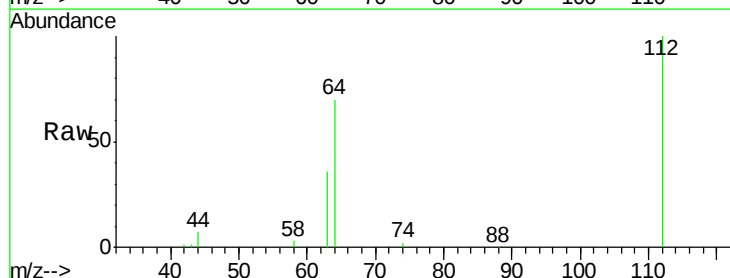
Tgt Ion:112 Resp: 81254

Ion Ratio Lower Upper

112 100

64 72.6 57.4 86.2

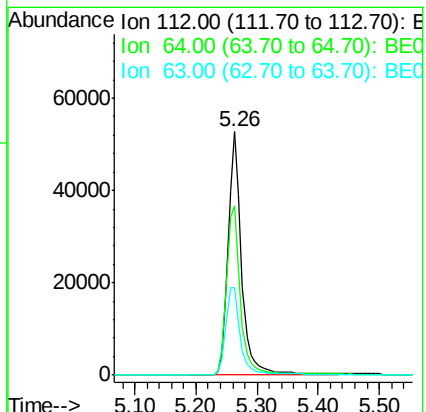
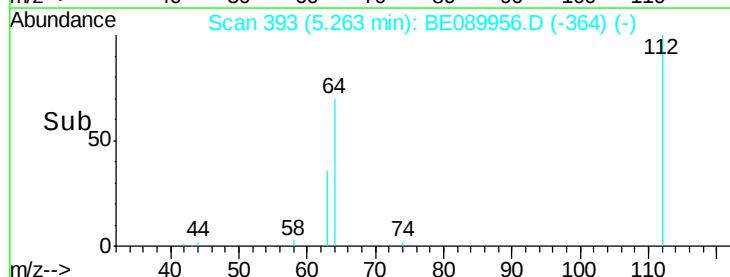
63 38.8 31.2 46.8

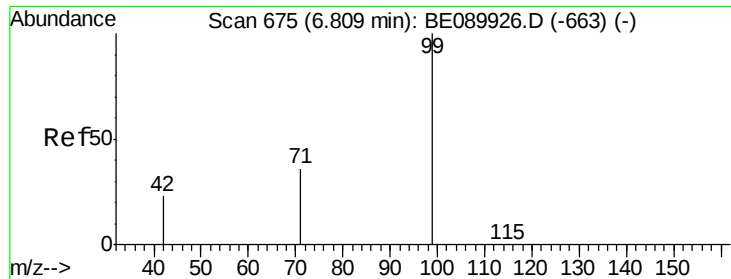


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 11.60 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

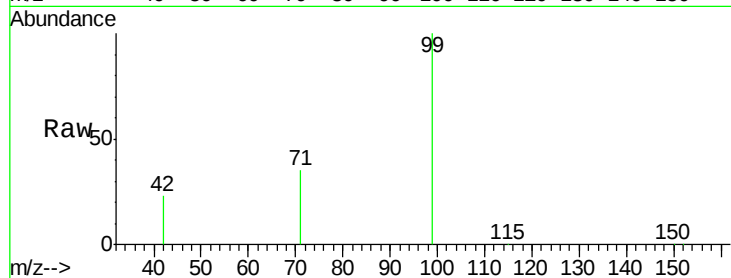
Tgt Ion: 99 Resp: 121293

Ion Ratio Lower Upper

99 100

42 23.3 19.5 29.3

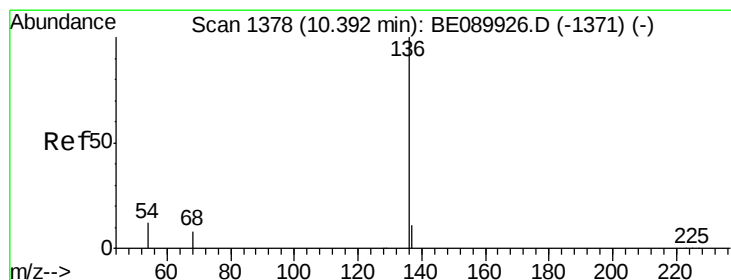
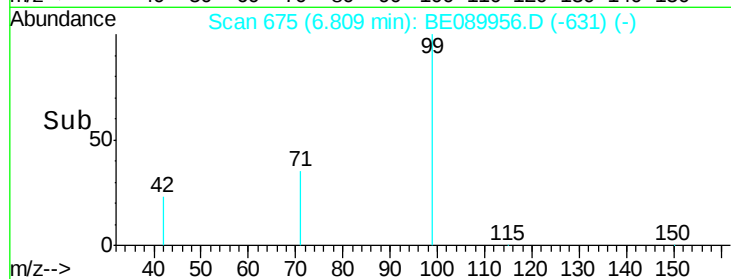
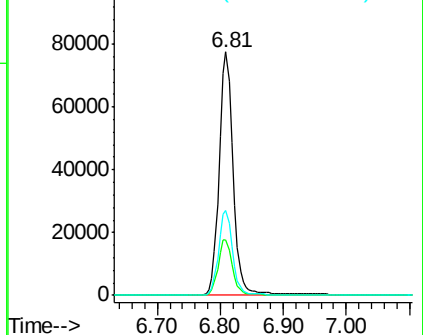
71 35.1 27.8 41.6



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: BE089956.D

Acq: 27 Jun 2015 1:00

Tgt Ion: 136 Resp: 171691

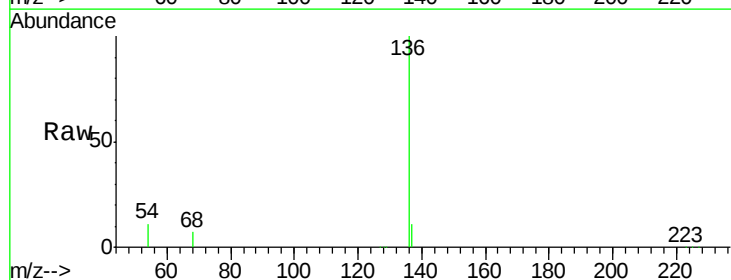
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.6 9.7 14.5

68 7.2 6.5 9.7

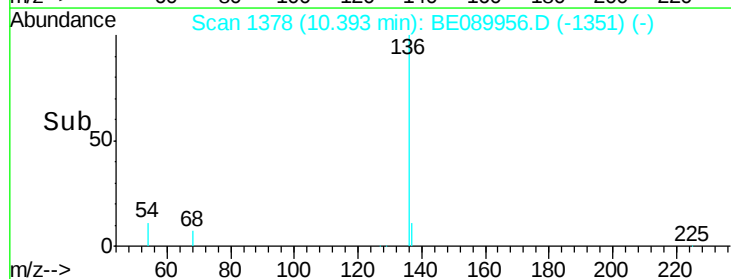
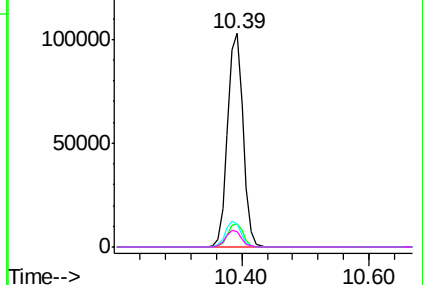


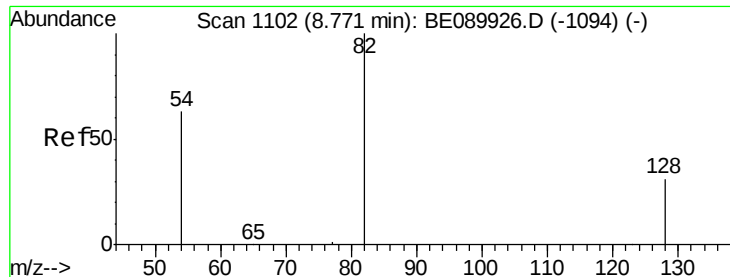
Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.07 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

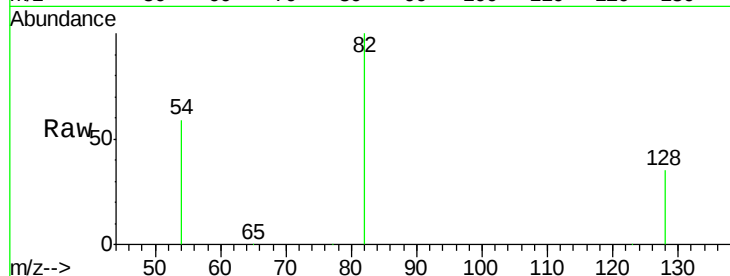
Tgt Ion: 82 Resp: 90403

Ion Ratio Lower Upper

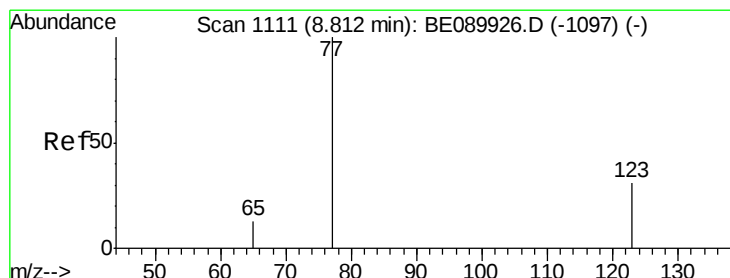
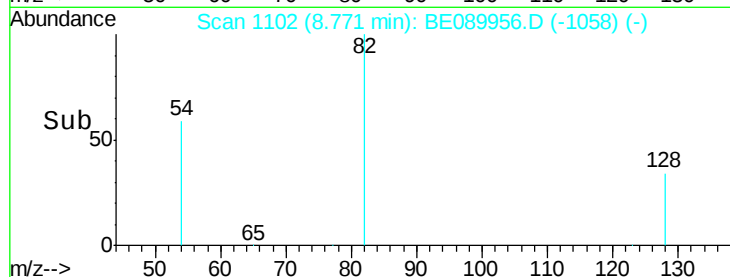
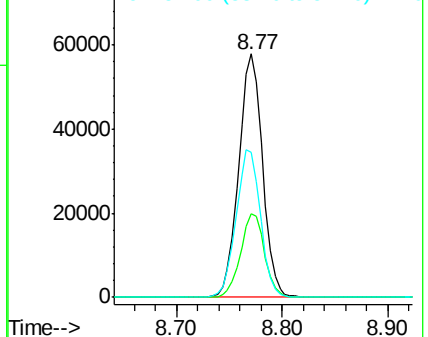
82 100

128 34.5 25.6 38.4

54 59.3 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: 0.06 ng

RT: 8.81 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

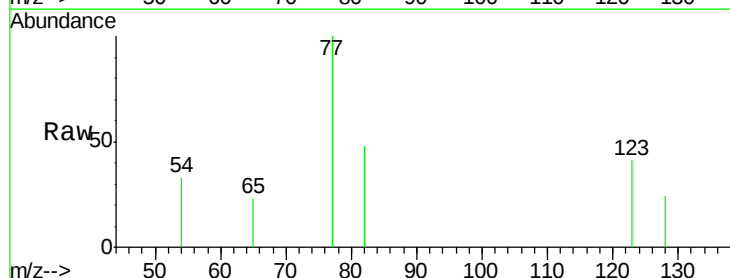
Tgt Ion: 77 Resp: 759

Ion Ratio Lower Upper

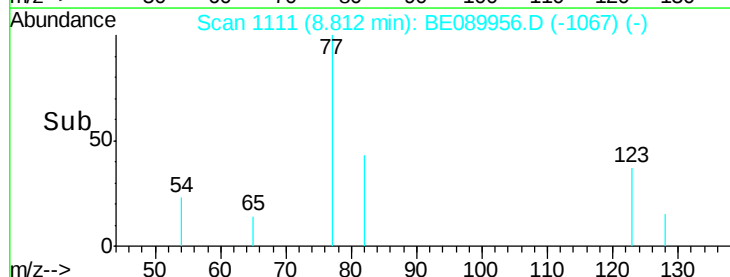
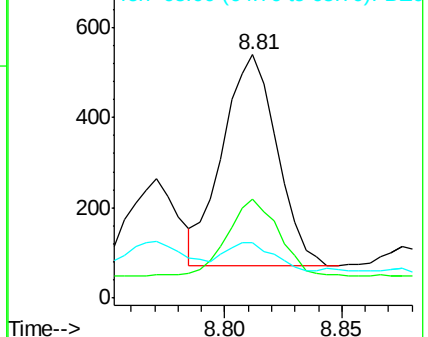
77 100

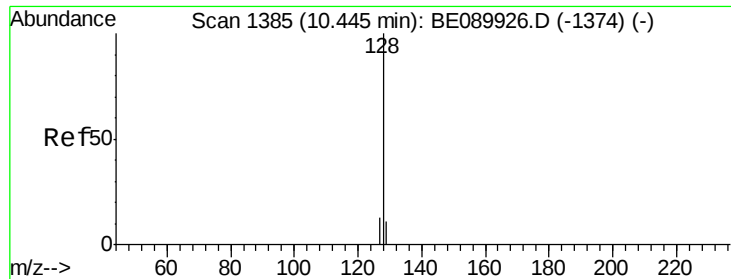
123 36.4 26.6 39.8

65 13.0 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: 0.06 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

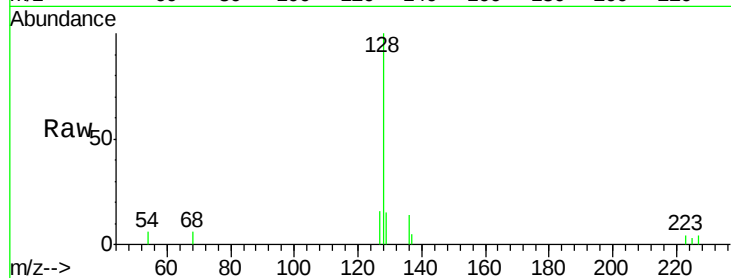
Tgt Ion:128 Resp: 2150

Ion Ratio Lower Upper

128 100

129 15.1 8.9 13.3#

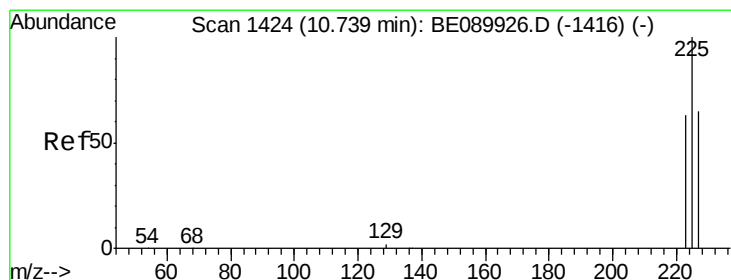
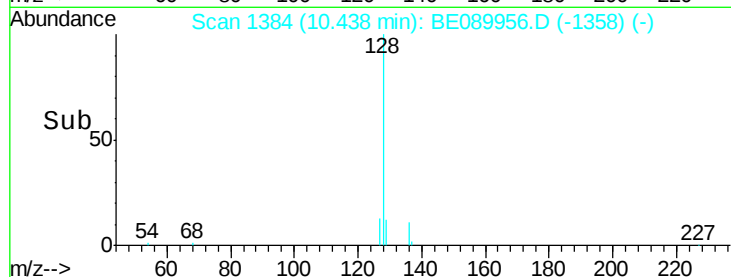
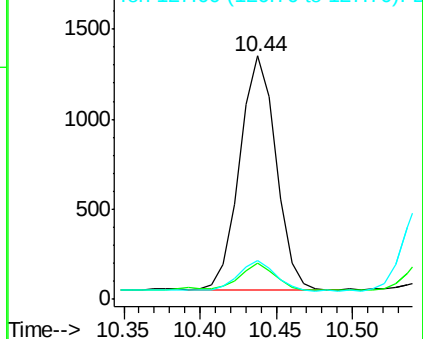
127 15.8 10.2 15.4#



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: 0.04 ng

RT: 10.73 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

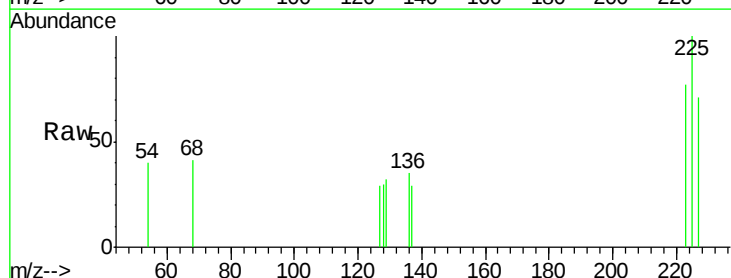
Tgt Ion:225 Resp: 216

Ion Ratio Lower Upper

225 100

223 68.1 50.0 75.0

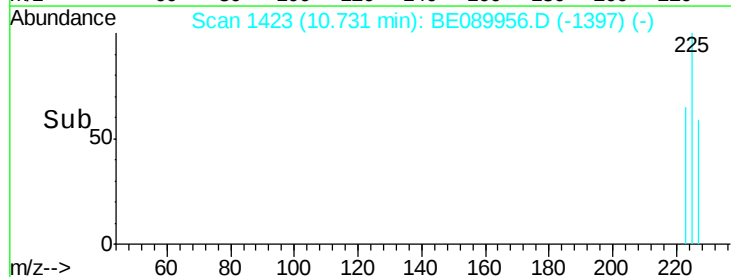
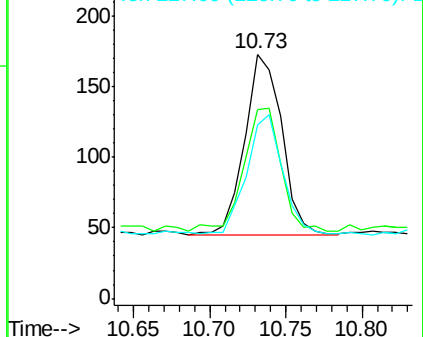
227 63.0 50.7 76.1

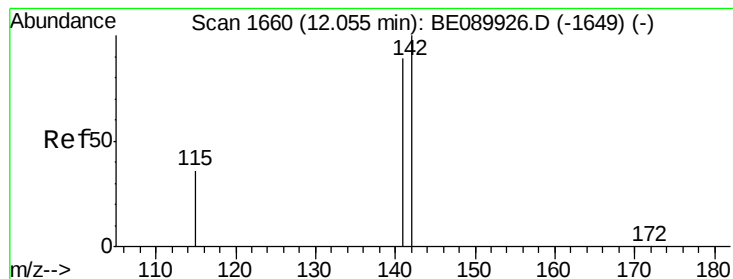


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.07 ng

RT: 12.05 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

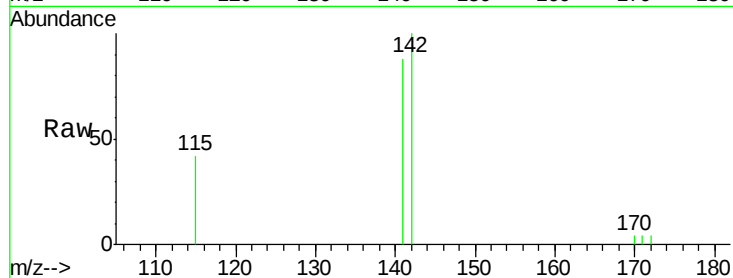
Tgt Ion:142 Resp: 1876

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7

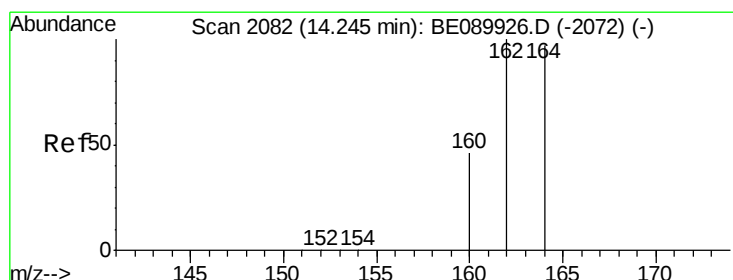
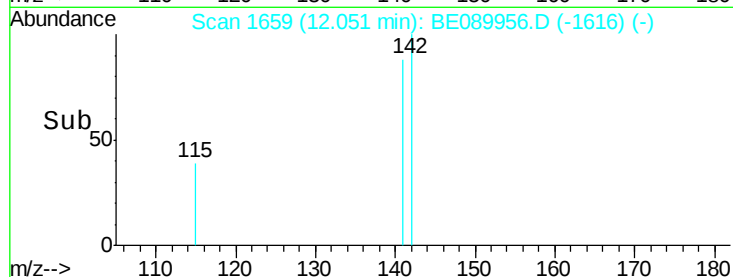
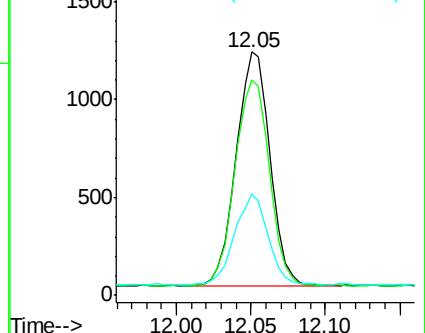
115 42.0 29.1 43.7



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: 14.24 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

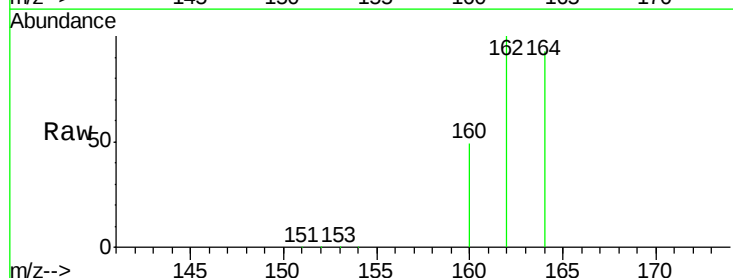
Tgt Ion:164 Resp: 103696

Ion Ratio Lower Upper

164 100

162 107.0 82.7 124.1

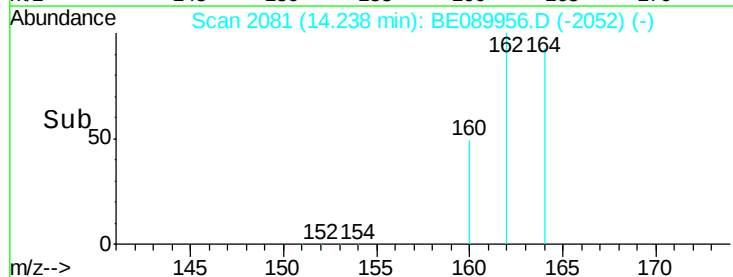
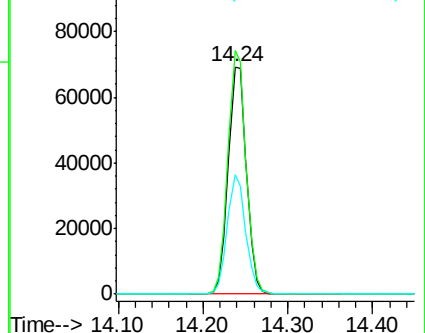
160 52.4 38.3 57.5

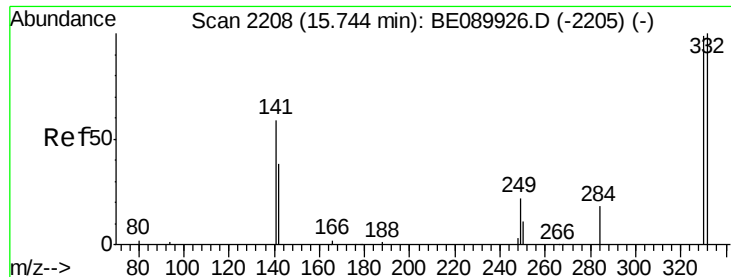


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

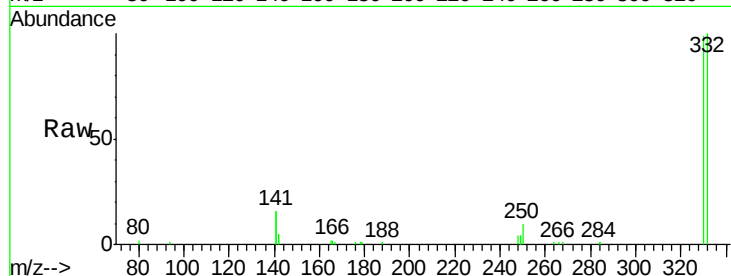




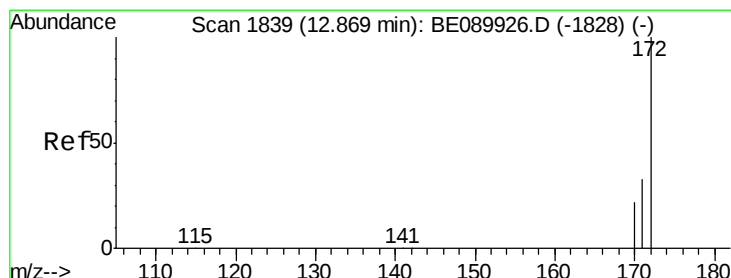
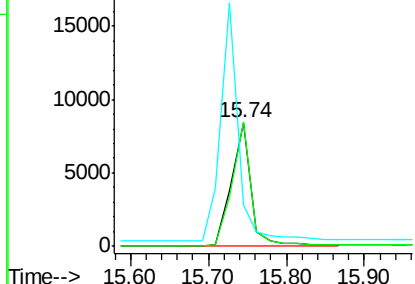
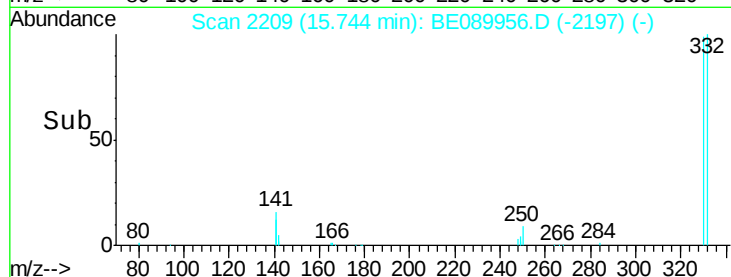
#13
 2,4,6-Tribromophenol
 Concen: 7.97 ng
 RT: 15.74 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE089956.D
 Acq: 27 Jun 2015 1:00

Instrument :
 BNA_E
 ClientSampleId :
 PB84124BL

Tgt Ion:330 Resp: 14584
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.9 116.9
 141 175.2 142.8 214.2

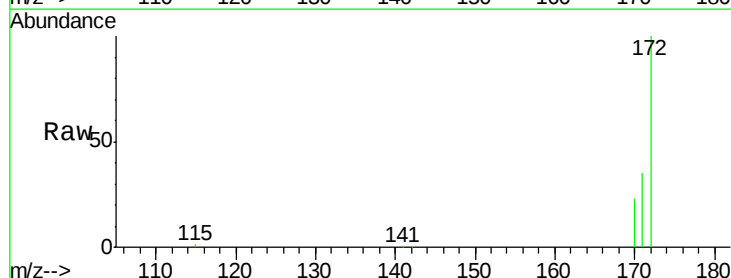


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

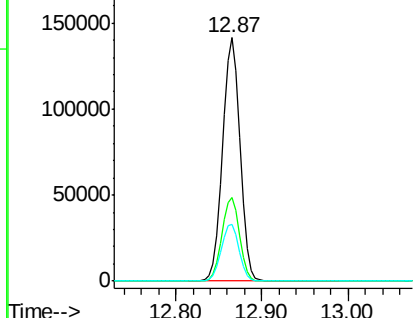
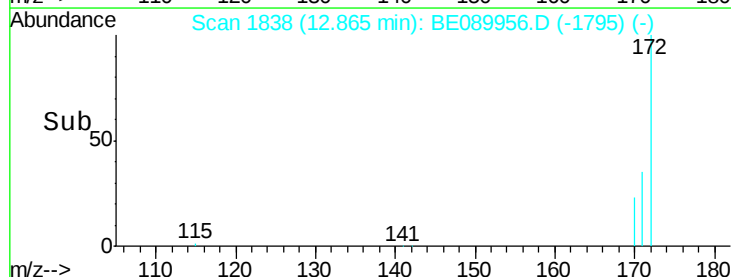


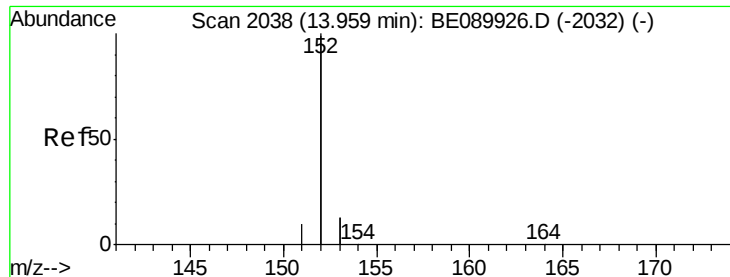
#14
 2-Fluorobiphenyl
 Concen: 6.71 ng
 RT: 12.87 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089956.D
 Acq: 27 Jun 2015 1:00

Tgt Ion:172 Resp: 202750
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.7 40.1
 170 23.1 17.5 26.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.08 ng

RT: 13.96 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

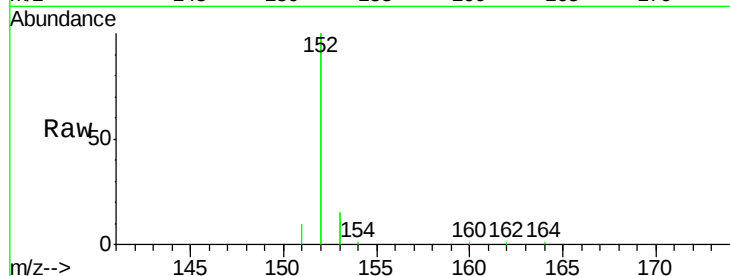
Tgt Ion:152 Resp: 14943

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

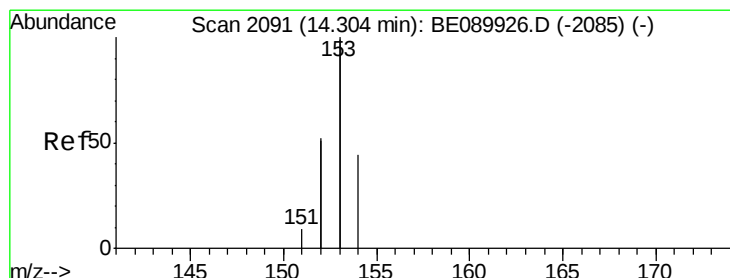
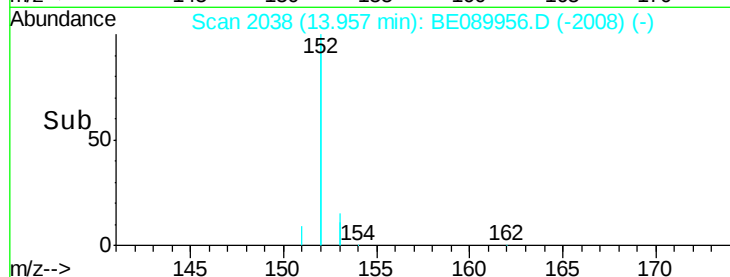
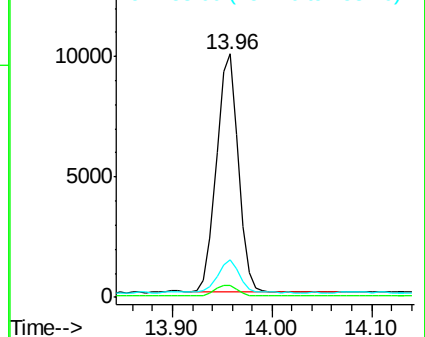
153 13.7 10.4 15.6



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: 0.09 ng

RT: 14.30 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

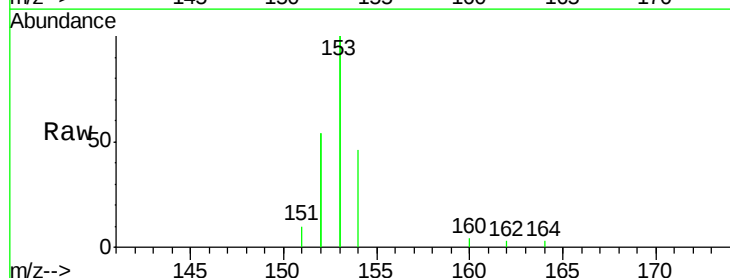
Tgt Ion:154 Resp: 2332

Ion Ratio Lower Upper

154 100

153 452.5 362.8 544.2

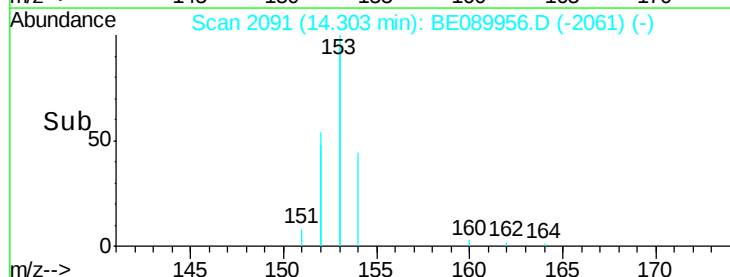
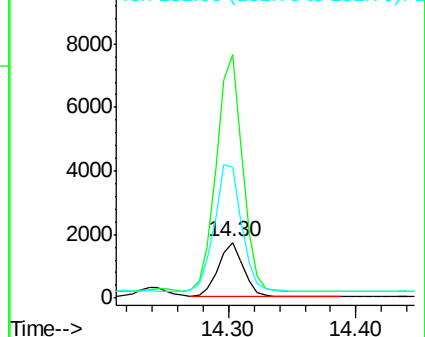
152 250.7 194.6 291.8

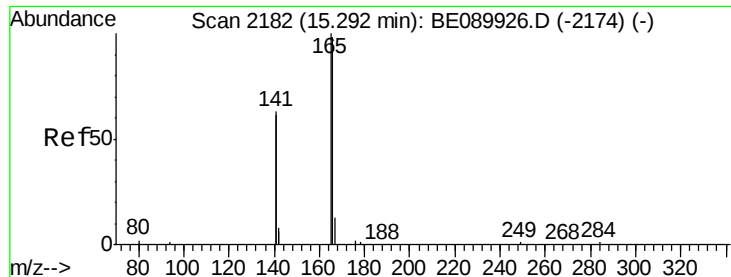


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.10 ng

RT: 15.29 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

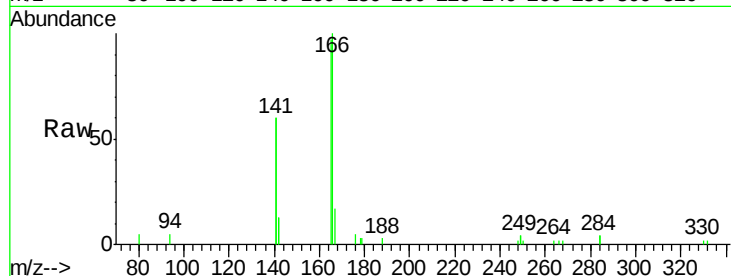
Tgt Ion:166 Resp: 3398

Ion Ratio Lower Upper

166 100

165 98.8 81.1 121.7

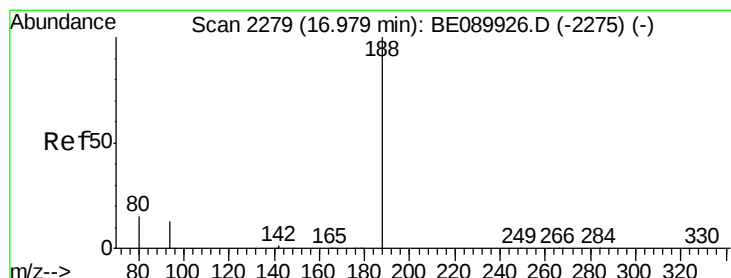
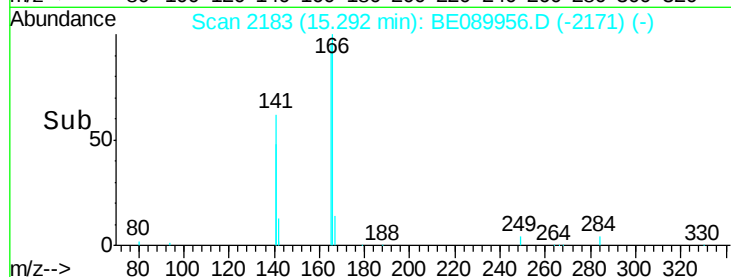
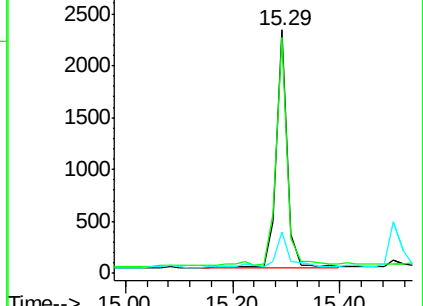
167 19.4 11.8 17.8#



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: BE089956.D

Acq: 27 Jun 2015 1:00

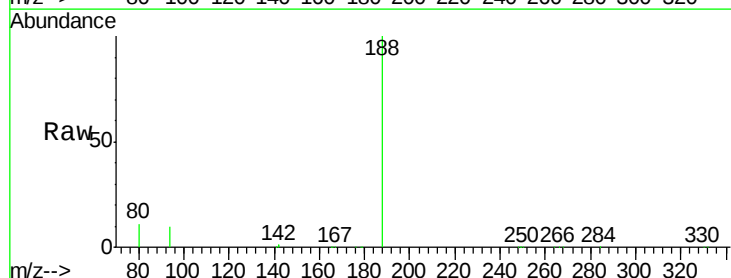
Tgt Ion:188 Resp: 249415

Ion Ratio Lower Upper

188 100

94 9.7 10.6 16.0#

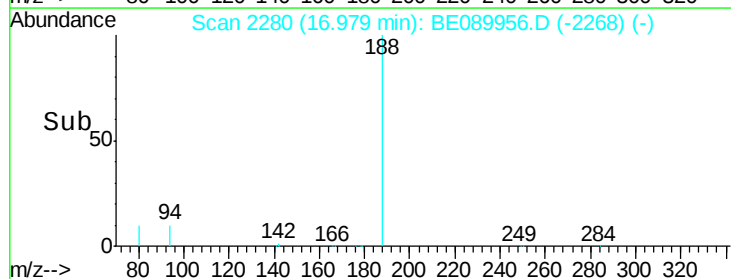
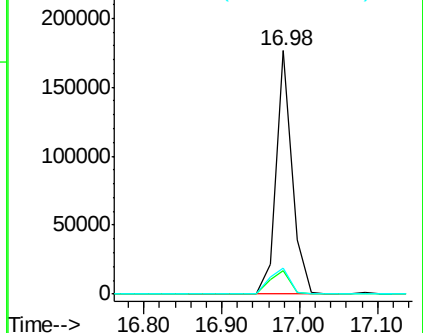
80 10.5 11.8 17.6#

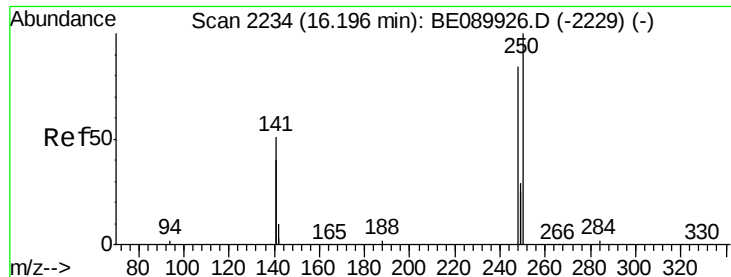


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 0.08 ng

RT: 16.18 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

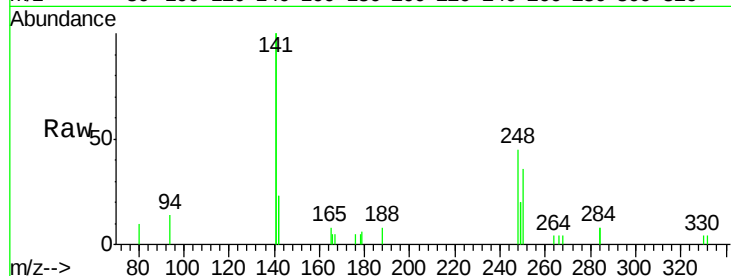
Tgt Ion:248 Resp: 834

Ion Ratio Lower Upper

248 100

250 98.2 79.3 118.9

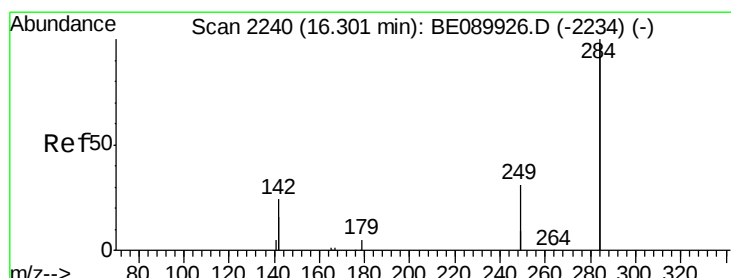
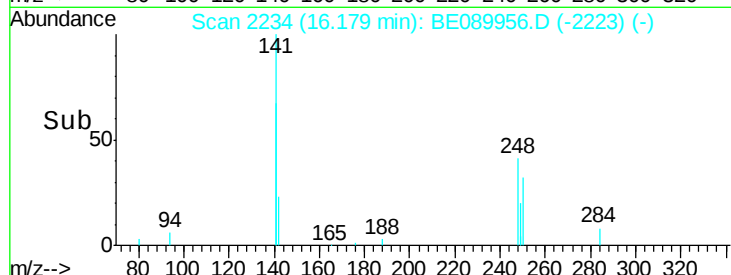
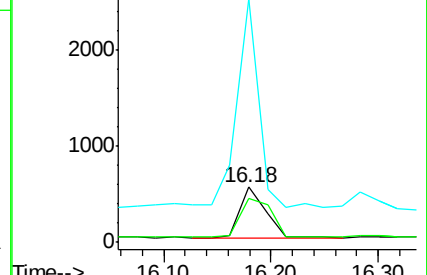
141 379.1 274.1 411.1



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: 0.09 ng

RT: 16.30 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

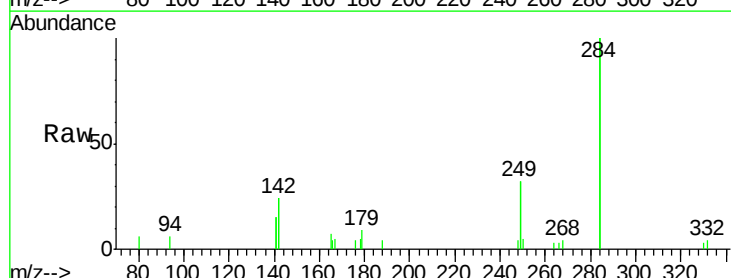
Tgt Ion:284 Resp: 3998

Ion Ratio Lower Upper

284 100

142 42.3 32.0 48.0

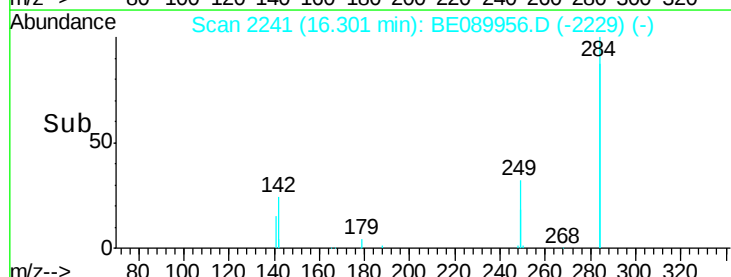
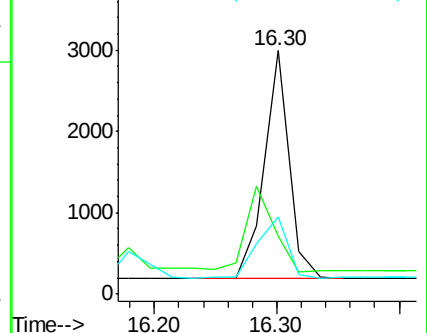
249 31.9 25.0 37.6

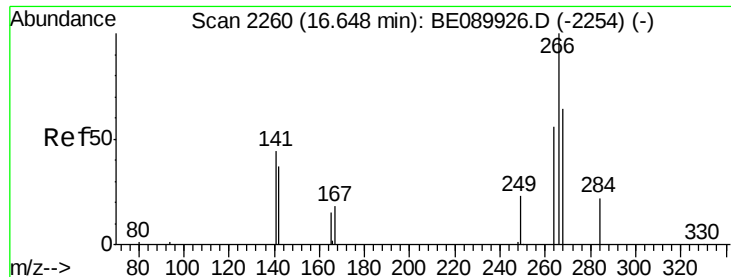


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.77 ng

RT: 16.63 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

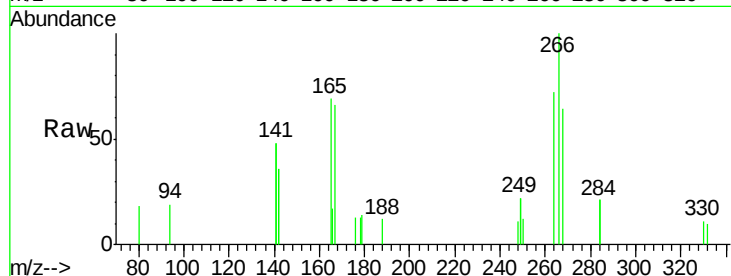
Tgt Ion:266 Resp: 863

Ion Ratio Lower Upper

266 100

268 63.8 54.4 81.6

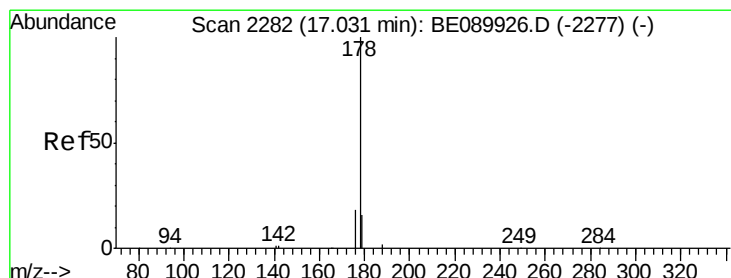
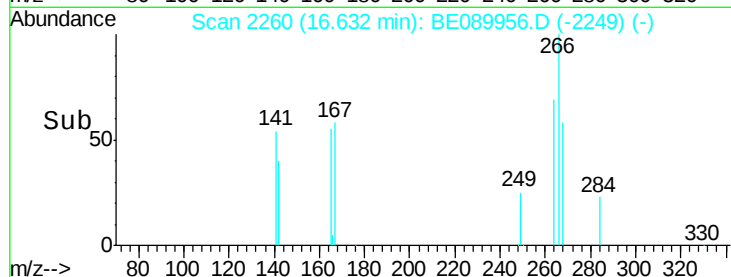
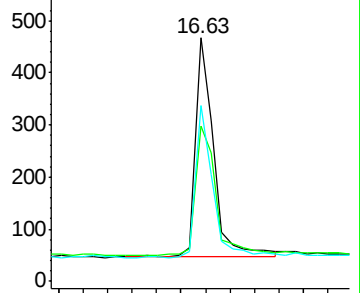
264 72.4 48.2 72.2#



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: 0.09 ng

RT: 17.01 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

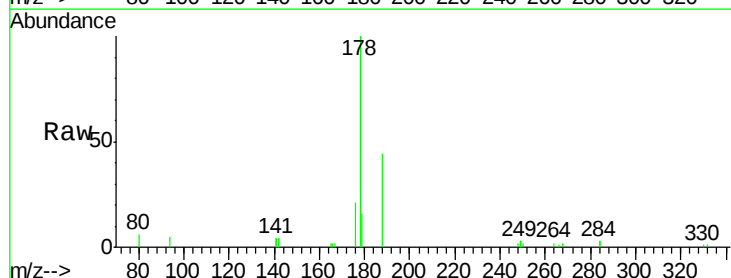
Tgt Ion:178 Resp: 5679

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

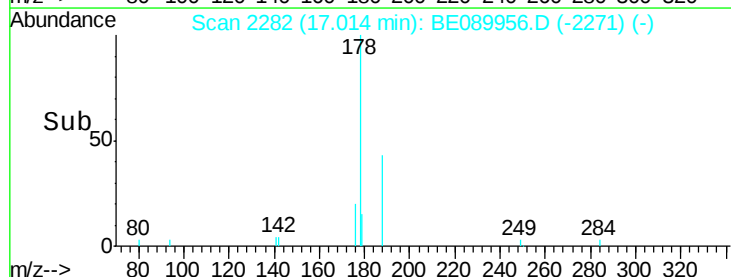
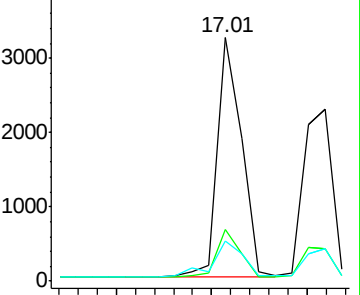
179 18.6 12.6 19.0

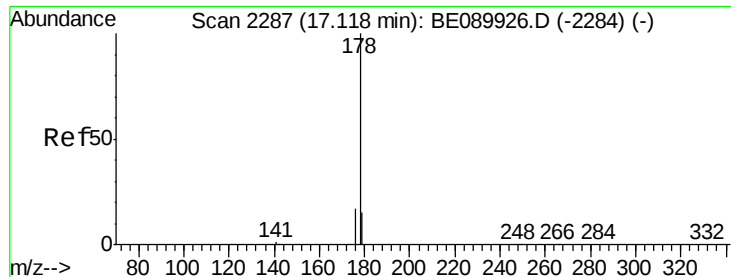


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.08 ng

RT: 17.12 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

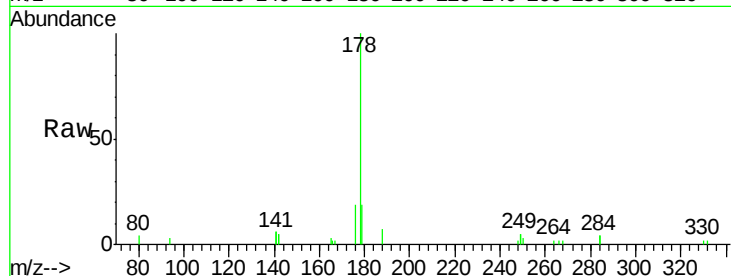
Tgt Ion:178 Resp: 4669

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

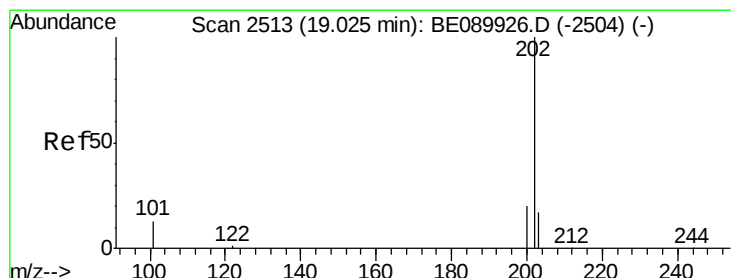
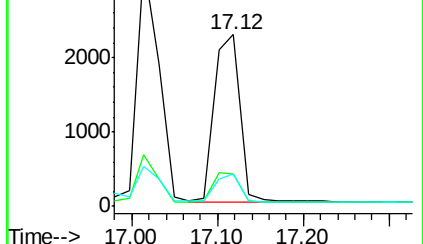
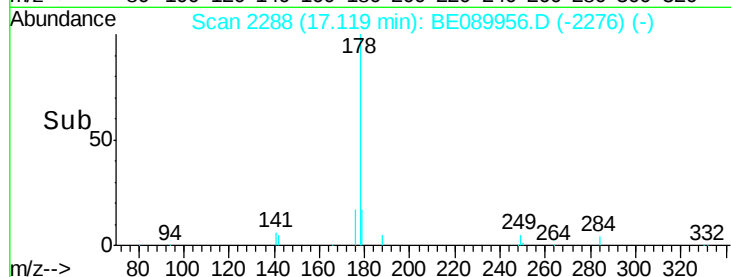
179 15.9 12.3 18.5



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: 0.08 ng

RT: 19.02 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

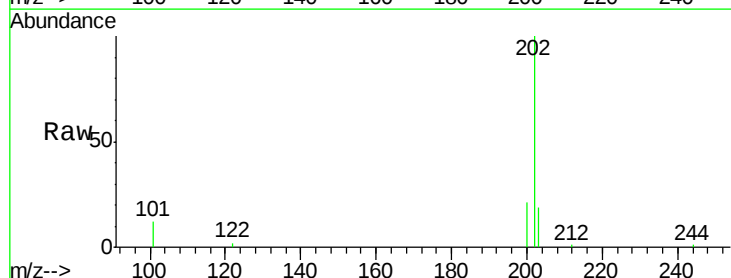
Tgt Ion:202 Resp: 5461

Ion Ratio Lower Upper

202 100

101 12.8 10.6 16.0

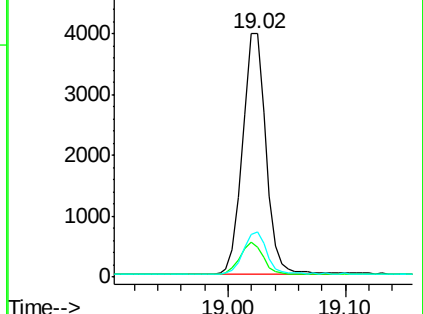
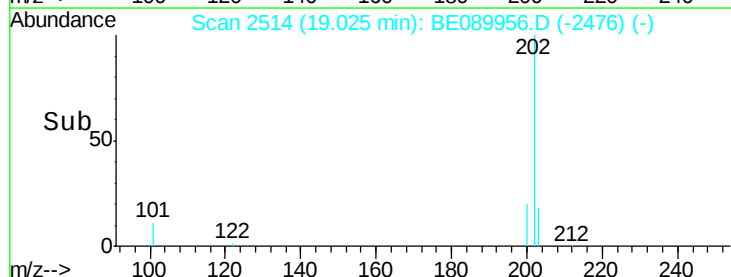
203 17.2 13.8 20.8

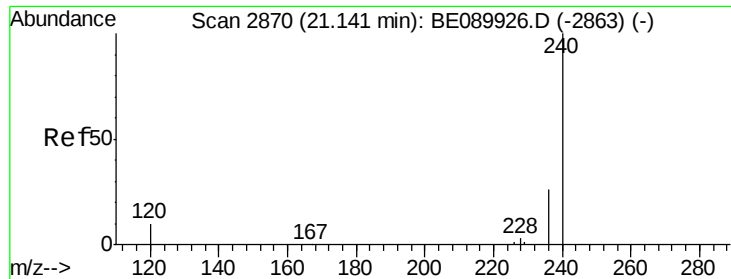


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

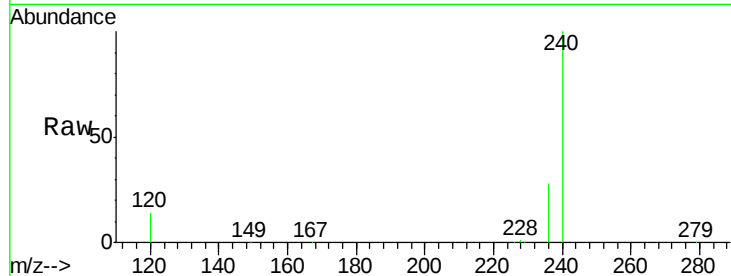
Tgt Ion:240 Resp: 257432

Ion Ratio Lower Upper

240 100

120 13.6 7.9 11.9#

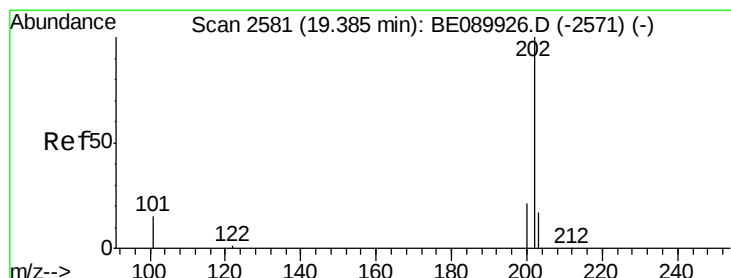
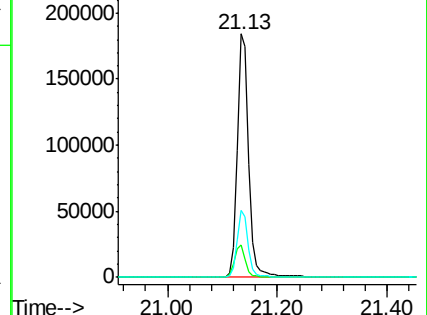
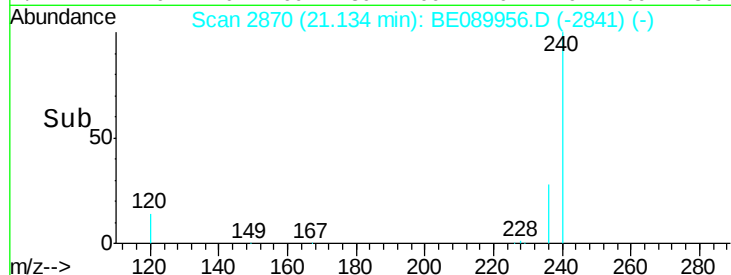
236 27.7 21.2 31.8



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: 0.09 ng

RT: 19.39 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

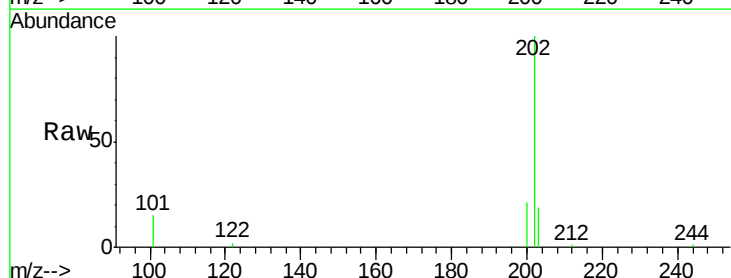
Tgt Ion:202 Resp: 5560

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

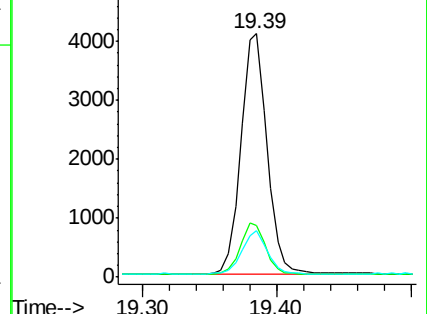
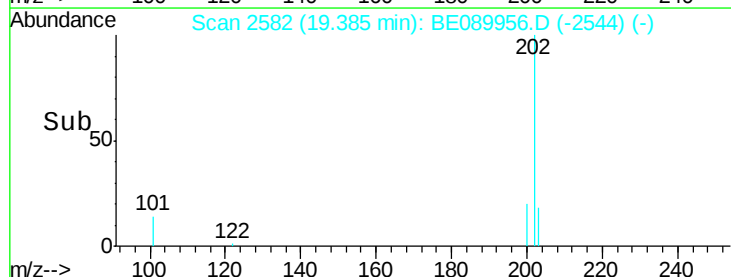
203 17.3 13.9 20.9

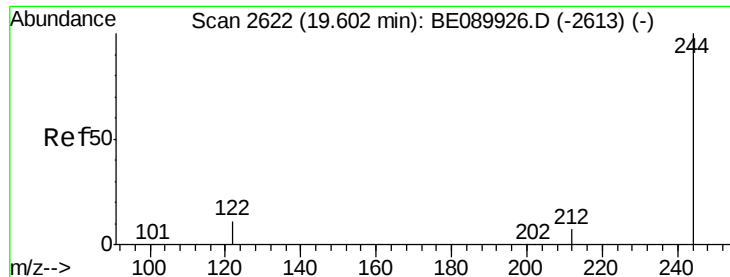


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

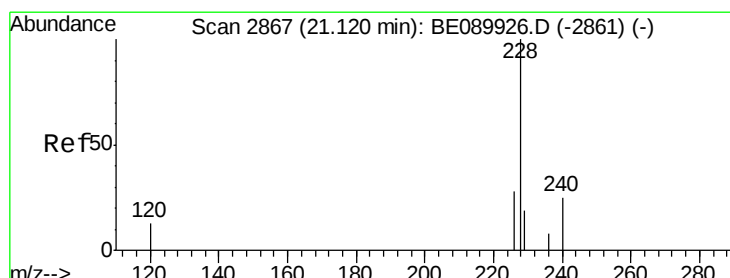
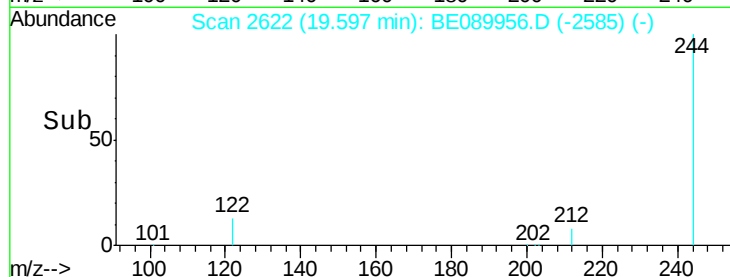
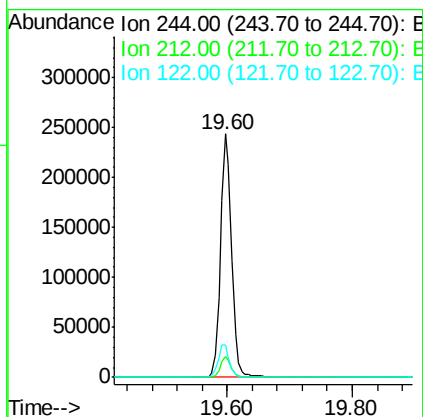
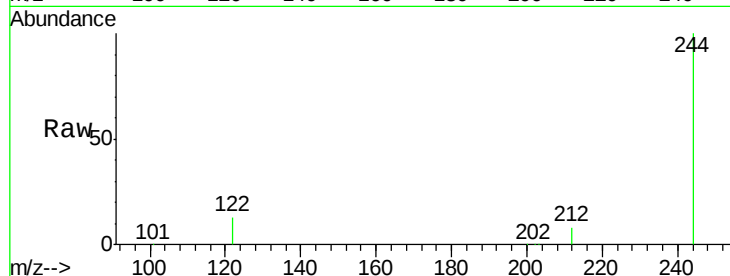




#27
 Terphenyl-d14
 Concen: 6.74 ng
 RT: 19.60 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BE089956.D
 Acq: 27 Jun 2015 1:00

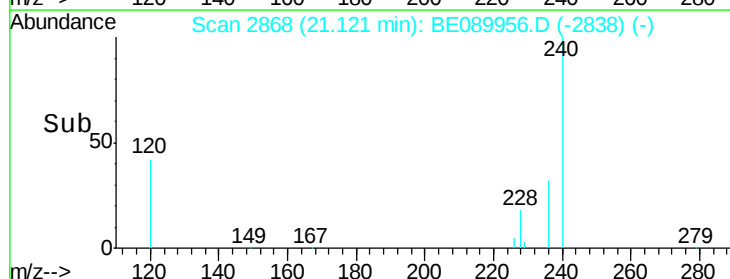
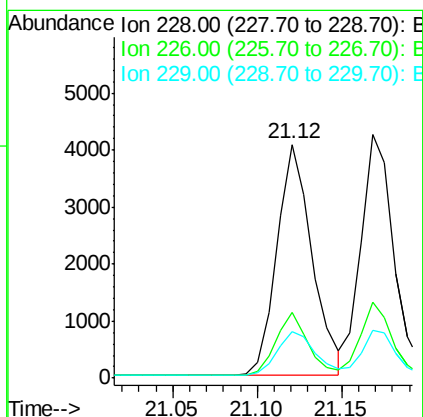
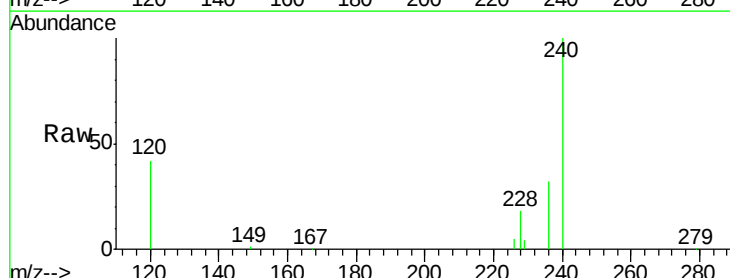
Instrument :
 BNA_E
 ClientSampleId :
 PB84124BL

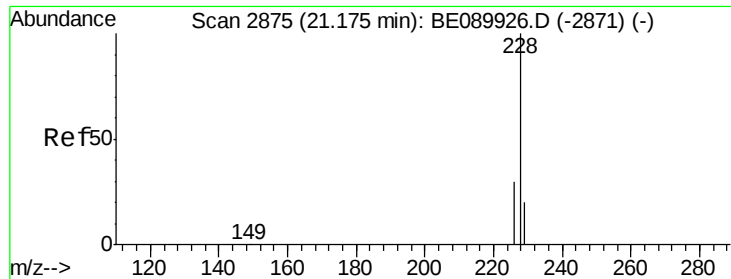
Tgt Ion: 244 Resp: 299450
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.1 9.1
 122 13.4 8.7 13.1#



#28
 Benzo(a)anthracene
 Concen: 0.09 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BE089956.D
 Acq: 27 Jun 2015 1:00

Tgt Ion: 228 Resp: 5831
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.2 33.4
 229 20.0 15.3 22.9





#29

Chrysene

Concen: 0.09 ng

RT: 21.17 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampled :

PB84124BL

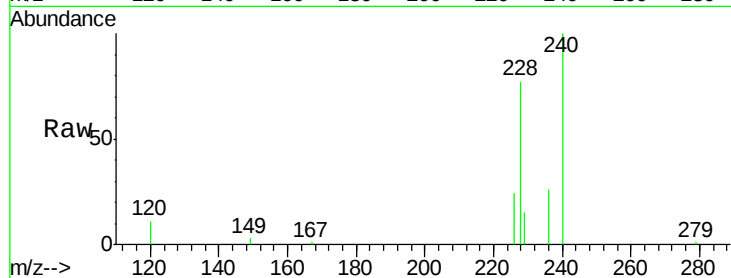
Tgt Ion:228 Resp: 5921

Ion Ratio Lower Upper

228 100

226 31.4 23.7 35.5

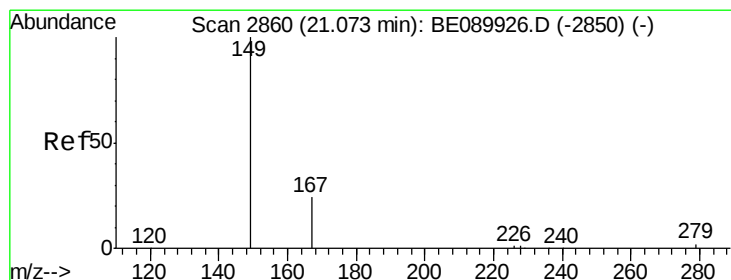
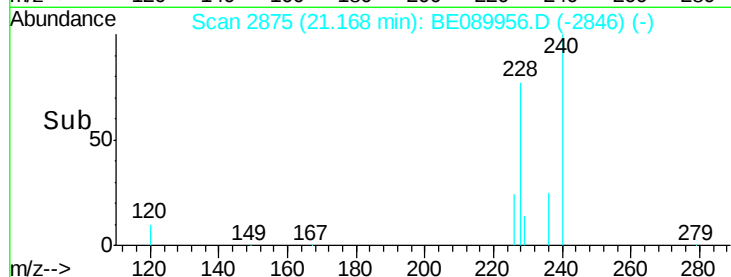
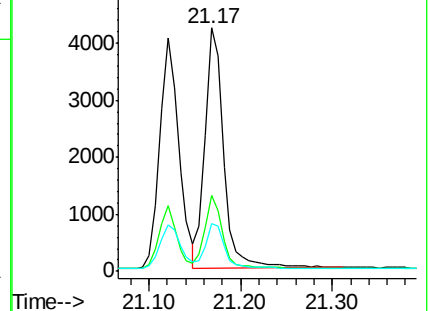
229 19.6 15.8 23.8



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: 0.11 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

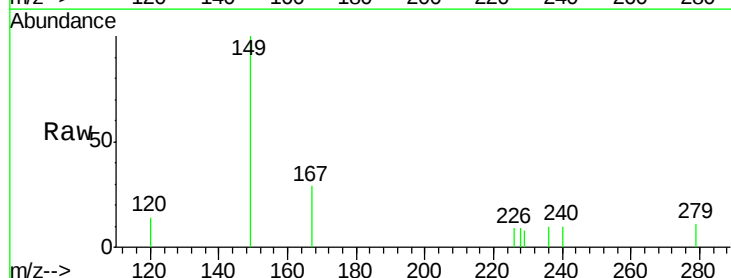
Tgt Ion:149 Resp: 584

Ion Ratio Lower Upper

149 100

167 24.3 20.3 30.5

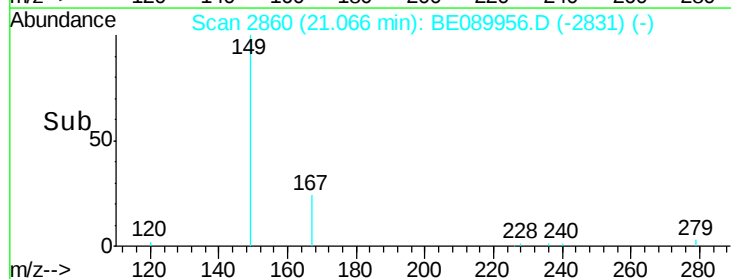
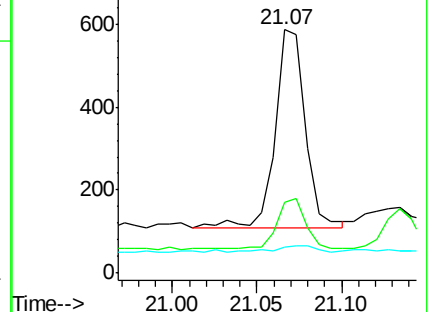
279 3.9 2.7 4.1

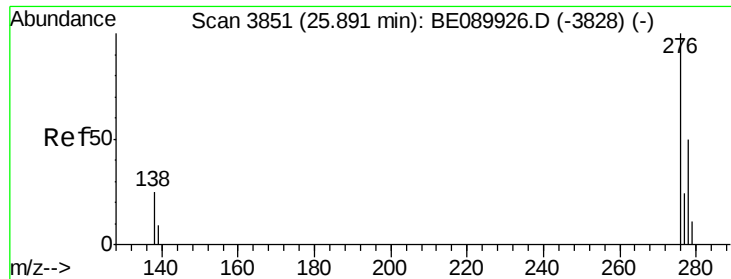


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.07 ng

RT: 25.87 min Scan# 3848

Delta R.T. -0.02 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

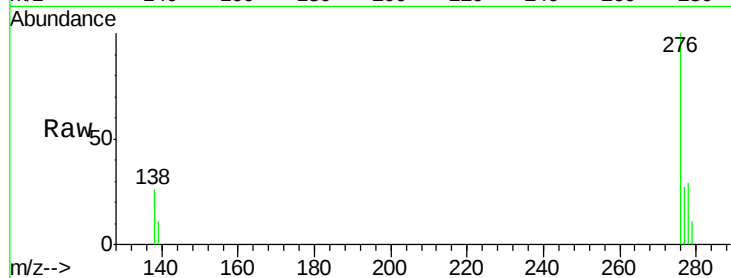
Tgt Ion:276 Resp: 3565

Ion Ratio Lower Upper

276 100

138 25.5 0.0 0.0#

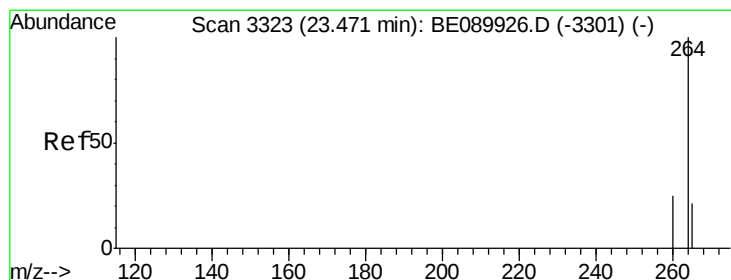
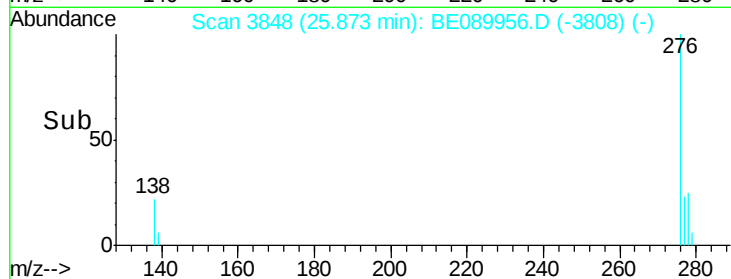
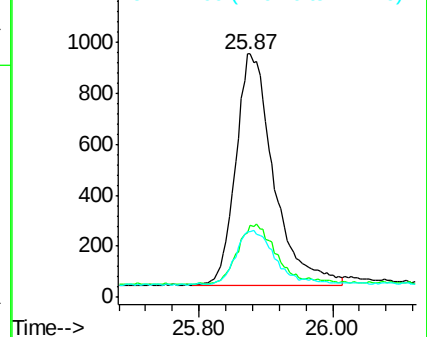
277 23.7 0.0 0.0#



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: BE089956.D

Acq: 27 Jun 2015 1:00

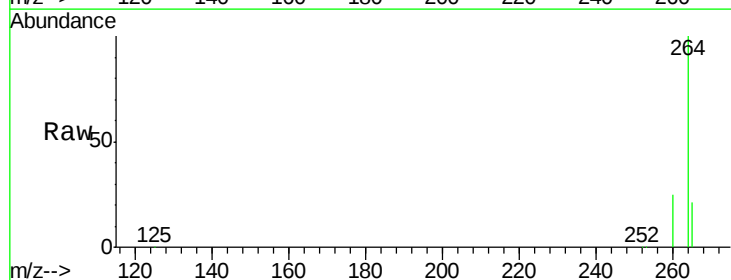
Tgt Ion:264 Resp: 223906

Ion Ratio Lower Upper

264 100

260 25.1 19.8 29.6

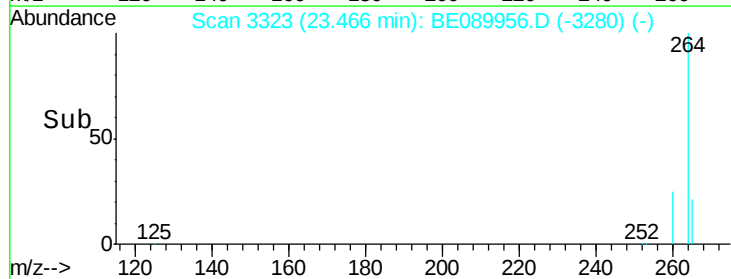
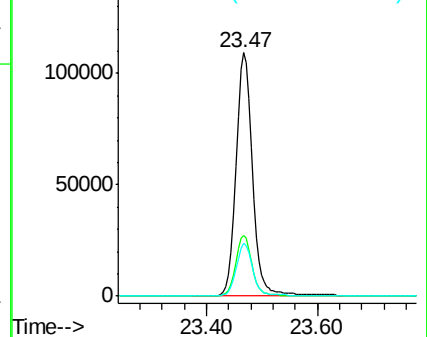
265 21.5 17.3 25.9

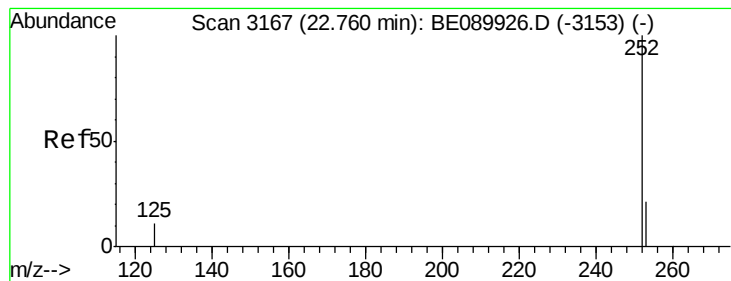


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.08 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

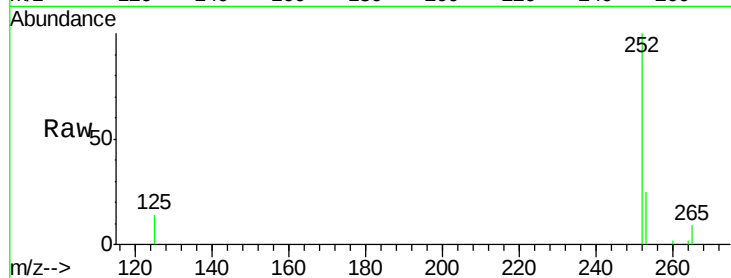
Tgt Ion:252 Resp: 3827

Ion Ratio Lower Upper

252 100

253 25.1 17.3 25.9

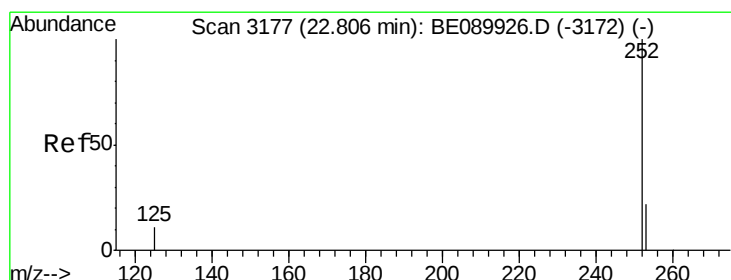
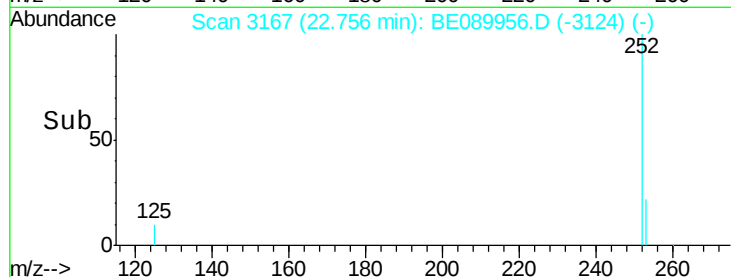
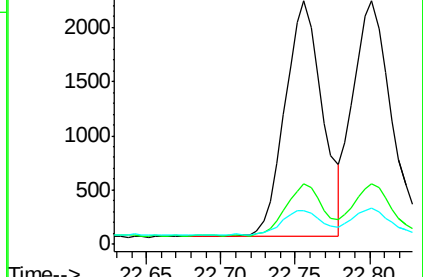
125 14.0 9.3 13.9#



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: 0.08 ng

RT: 22.80 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

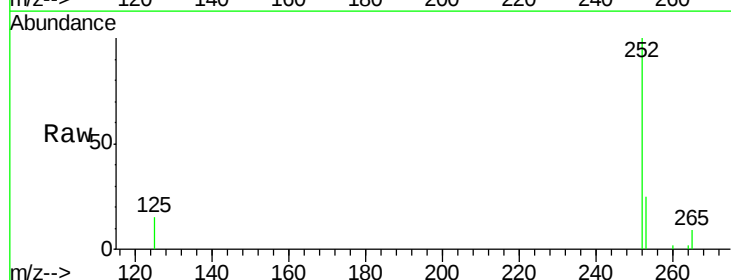
Tgt Ion:252 Resp: 4073

Ion Ratio Lower Upper

252 100

253 25.1 17.9 26.9

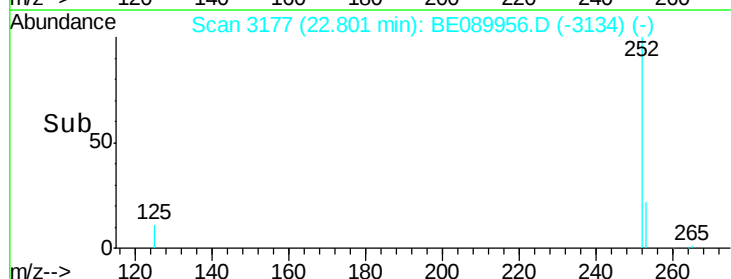
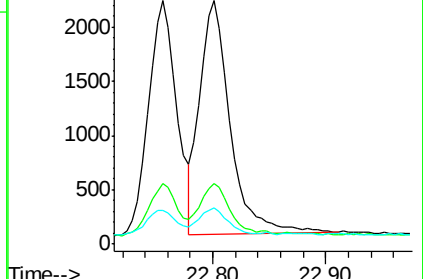
125 14.9 9.2 13.8#

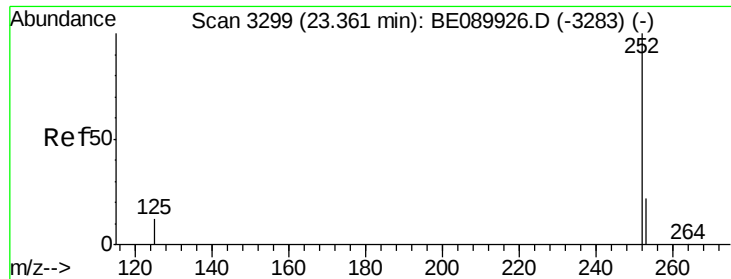


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.07 ng

RT: 23.36 min Scan# 3299

Delta R.T. -0.00 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL

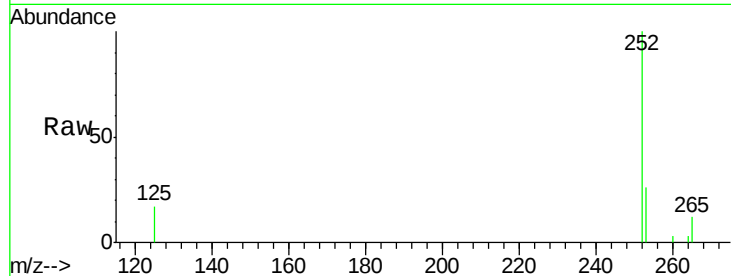
Tgt Ion:252 Resp: 3104

Ion Ratio Lower Upper

252 100

253 26.4 17.8 26.6

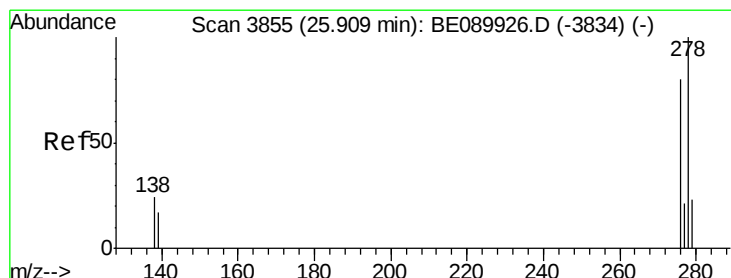
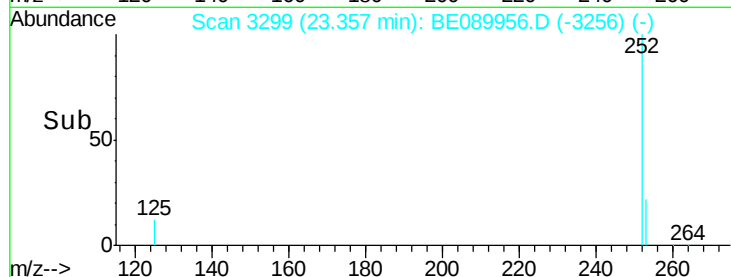
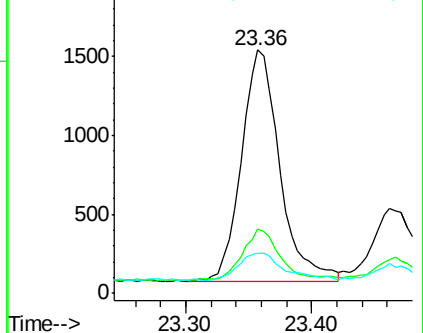
125 16.7 10.3 15.5#



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: 0.07 ng

RT: 25.90 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BE089956.D

Acq: 27 Jun 2015 1:00

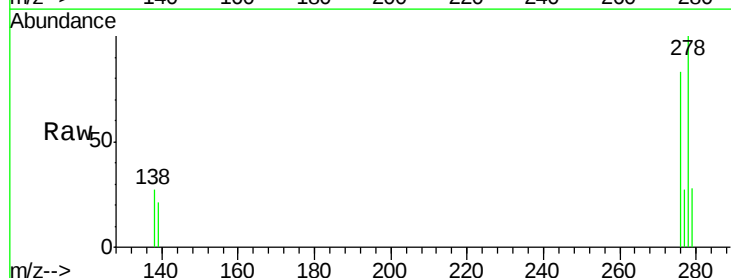
Tgt Ion:278 Resp: 2759

Ion Ratio Lower Upper

278 100

139 21.3 14.1 21.1#

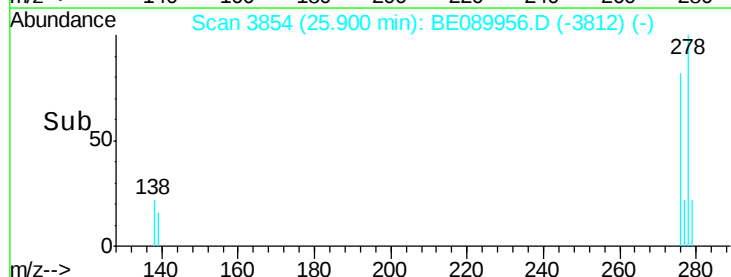
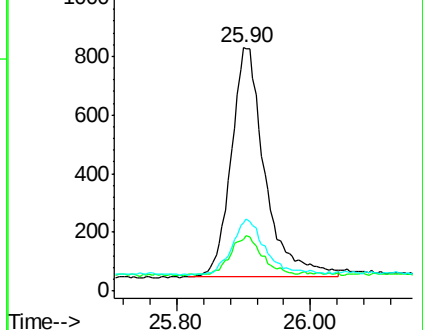
279 28.0 19.0 28.6

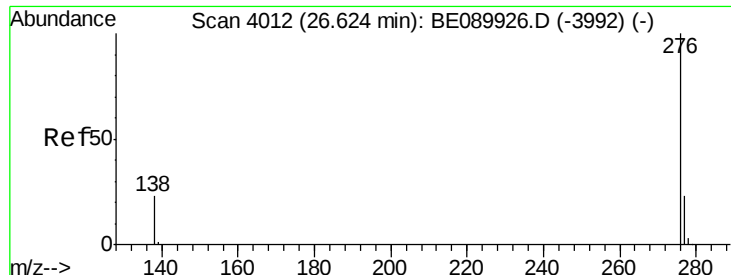


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.08 ng

RT: 26.62 min Scan# 4012

Delta R.T. -0.00 min

Lab File: BE089956.D

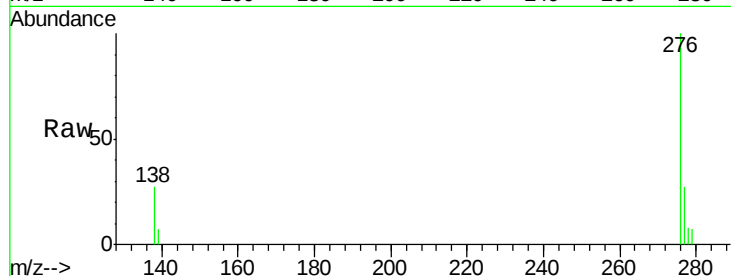
Acq: 27 Jun 2015 1:00

Instrument :

BNA_E

ClientSampleId :

PB84124BL



Tgt Ion: 276 Resp: 3244

Ion Ratio Lower Upper

276 100

277 27.3 19.0 28.4

138 27.0 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

