

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090162.D
 Acq On : 18 Jul 2015 1:11
 Operator : TP/IZ
 Sample : PB84538BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84538BS

Quant Time: Jul 18 04:51:42 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	8636	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	42080	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	23630	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	58008	5.00	ng	0.00
25) Chrysene-d12	21.11	240	69416	5.00	ng	0.00
32) Perylene-d12	23.43	264	67163	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	10974	5.40	ng	0.00
5) Phenol-d6	6.79	99	15384	5.87	ng	0.00
7) Nitrobenzene-d5	8.75	82	9694	3.47	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	3463	6.20	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	23512	3.38	ng	0.00
27) Terphenyl-d14	19.57	244	40342	3.47	ng	0.00

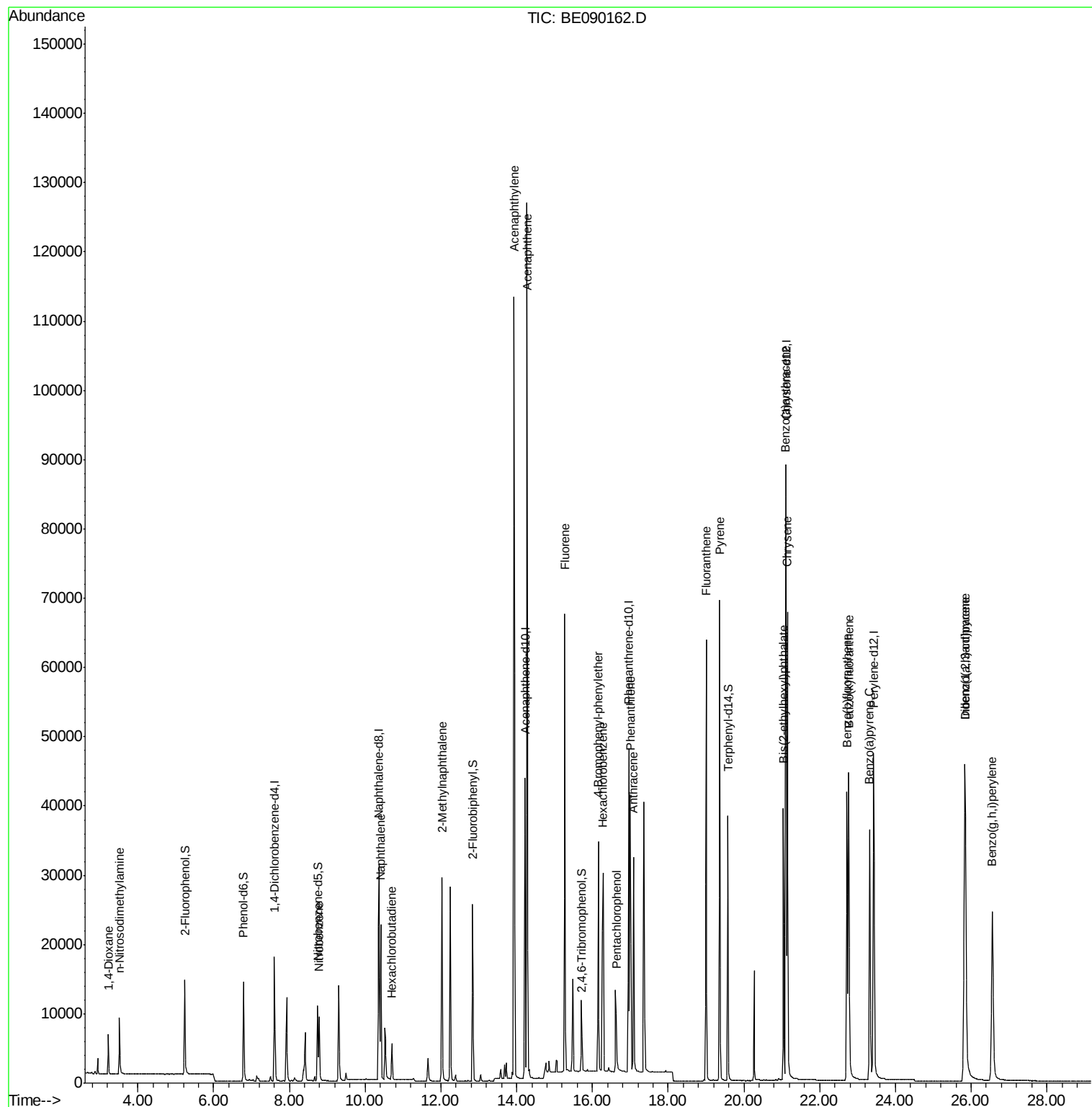
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	3282	3.64	ng	97
3) n-Nitrosodimethylamine	3.51	42	5347	3.50	ng	# 91
8) Nitrobenzene	8.79	77	10185	3.70	ng	98
9) Naphthalene	10.41	128	30710	3.41	ng	99
10) Hexachlorobutadiene	10.71	225	3713	3.34	ng	99
11) 2-Methylnaphthalene	12.03	142	21264	3.51	ng	99
15) Acenaphthylene	13.93	152	146317	3.44	ng	100
16) Acenaphthene	14.28	154	20953	3.50	ng	99
17) Fluorene	15.27	166	28592	3.53	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	7909	3.66	ng	96
20) Hexachlorobenzene	16.28	284	27029	3.54	ng	99
21) Pentachlorophenol	16.63	266	6564	6.65	ng	91
22) Phenanthrene	17.00	178	47162	3.63	ng	100
23) Anthracene	17.08	178	46036	3.81	ng	99
24) Fluoranthene	19.00	202	55939	3.83	ng	100
26) Pyrene	19.36	202	59919	3.81	ng	99
28) Benzo(a)anthracene	21.10	228	58212	3.66	ng	99
29) Chrysene	21.15	228	59110	3.69	ng	97
30) Bis(2-ethylhexyl)phthalate	21.05	149	31437	3.86	ng	100
31) Indeno(1,2,3-cd)pyrene	25.83	276	66989	3.57	ng	100
33) Benzo(b)fluoranthene	22.73	252	56865	4.06	ng	99
34) Benzo(k)fluoranthene	22.77	252	61087	3.81	ng	99
35) Benzo(a)pyrene	23.32	252	54628	4.02	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	55227	3.86	ng	100
37) Benzo(g,h,i)perylene	26.56	276	56621	3.82	ng	100

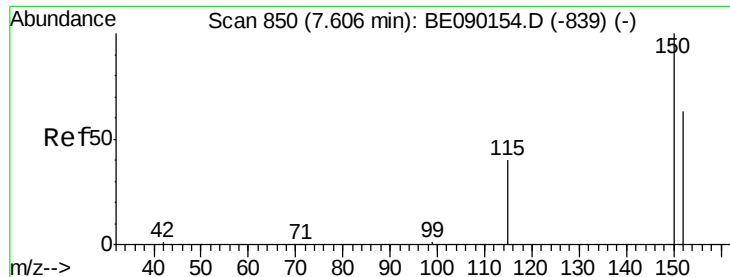
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

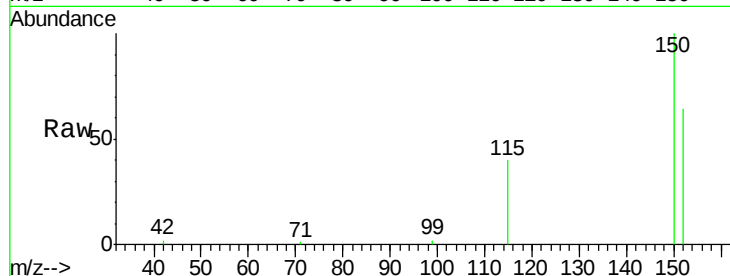
Tgt Ion:152 Resp: 8636

Ion Ratio Lower Upper

152 100

150 157.2 127.2 190.8

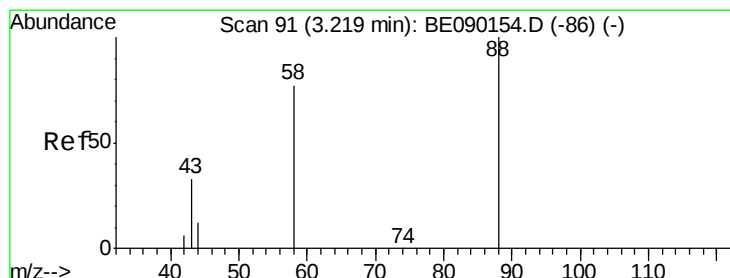
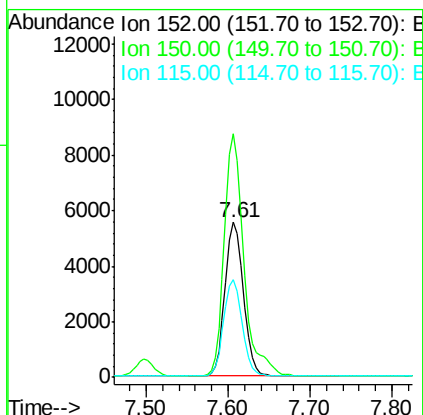
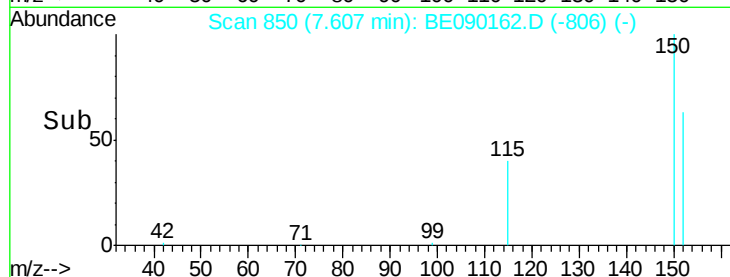
115 63.3 51.6 77.4



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: 3.64 ng

RT: 3.22 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

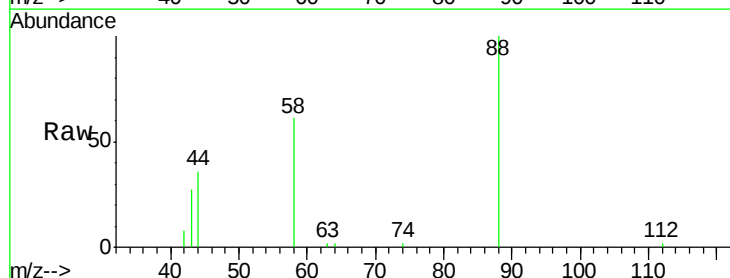
Tgt Ion: 88 Resp: 3282

Ion Ratio Lower Upper

88 100

58 75.9 58.2 87.2

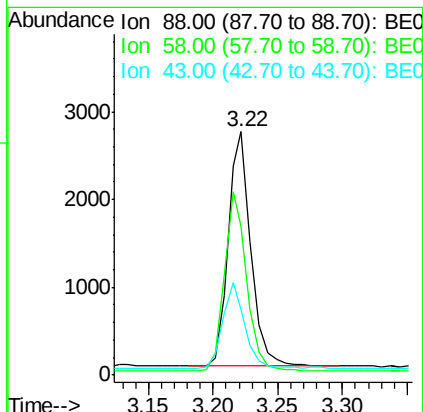
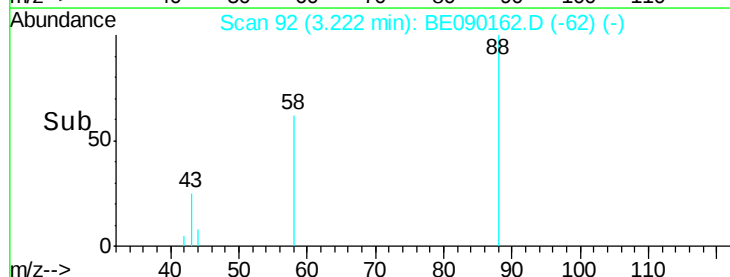
43 35.7 27.7 41.5

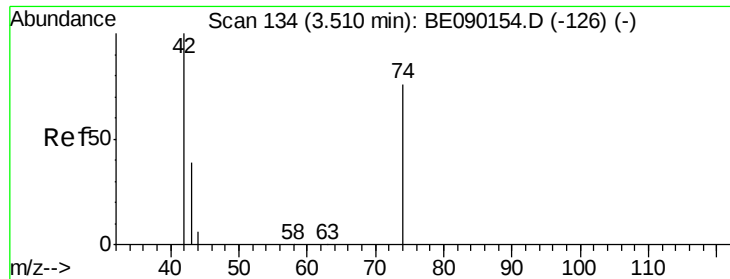


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



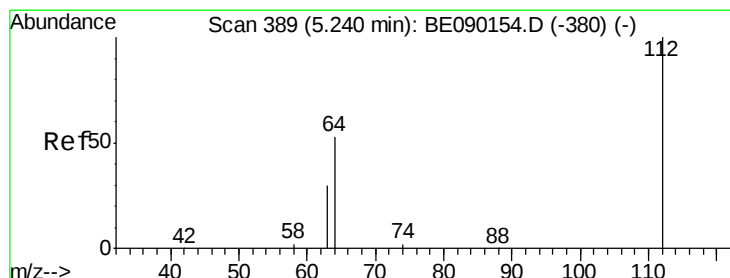
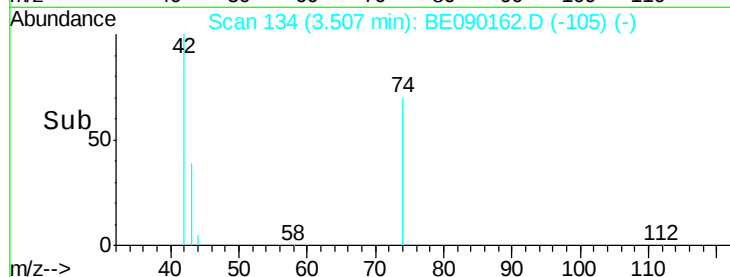
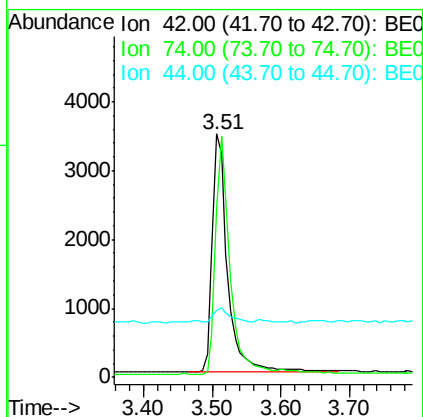
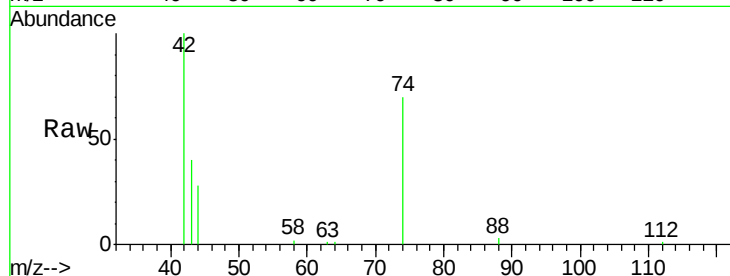


#3

n-Nitrosodimethylamine
 Concen: 3.50 ng
 RT: 3.51 min Scan# 134
 Delta R.T. -0.00 min
 Lab File: BE090162.D
 Acq: 18 Jul 2015 1:11

Instrument :
 BNA_E
 ClientSampleId :
 PB84538BS

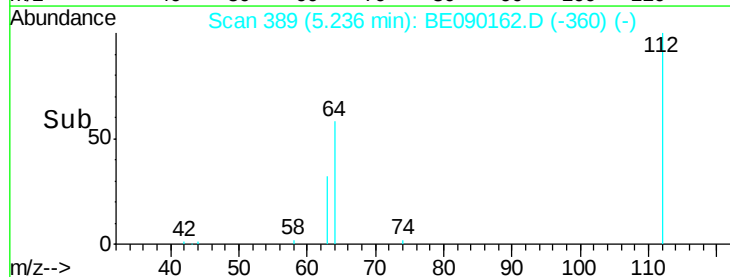
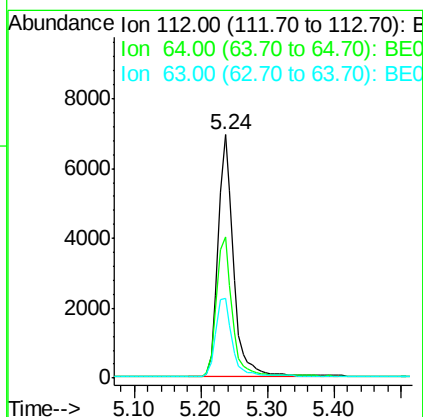
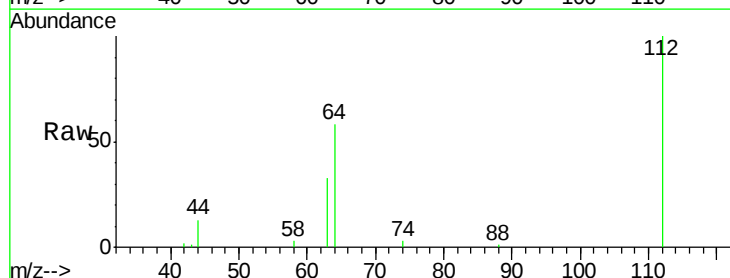
Tgt Ion: 42 Resp: 5347
 Ion Ratio Lower Upper
 42 100
 74 93.7 82.2 123.4
 44 6.4 7.5 11.3#

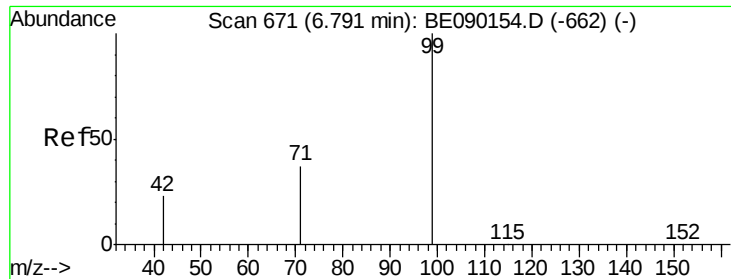


#4

2-Fluorophenol
 Concen: 5.40 ng
 RT: 5.24 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: BE090162.D
 Acq: 18 Jul 2015 1:11

Tgt Ion: 112 Resp: 10974
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.7 70.1
 63 34.3 27.3 40.9





#5

Phenol-d6

Concen: 5.87 ng

RT: 6.79 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

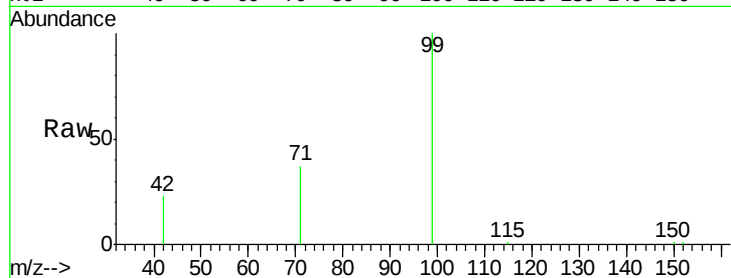
Tgt Ion: 99 Resp: 15384

Ion Ratio Lower Upper

99 100

42 24.5 19.1 28.7

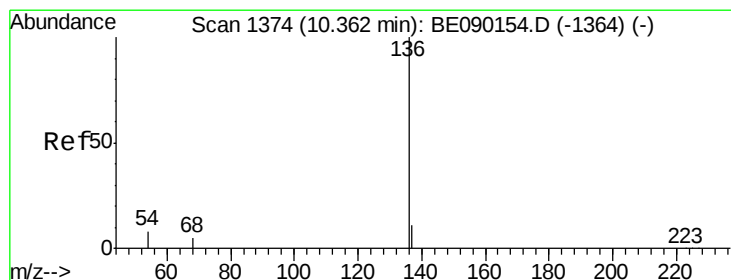
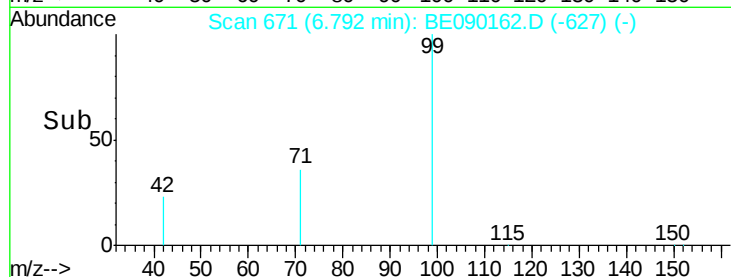
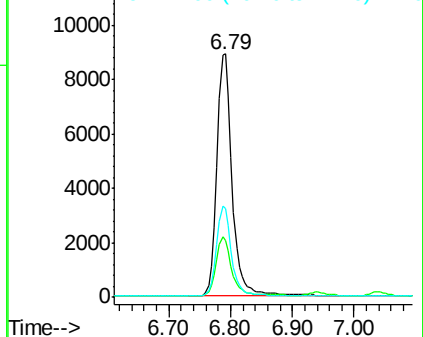
71 36.5 29.4 44.2



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: 10.36 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Tgt Ion: 136 Resp: 42080

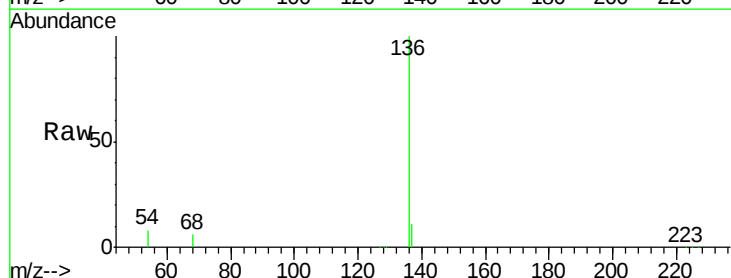
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.3 9.5

68 5.6 4.3 6.5

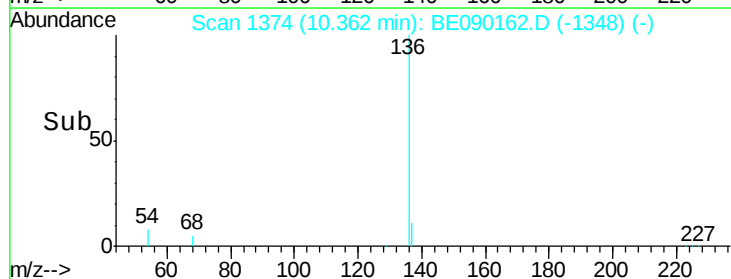
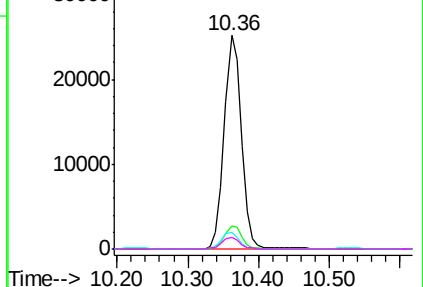


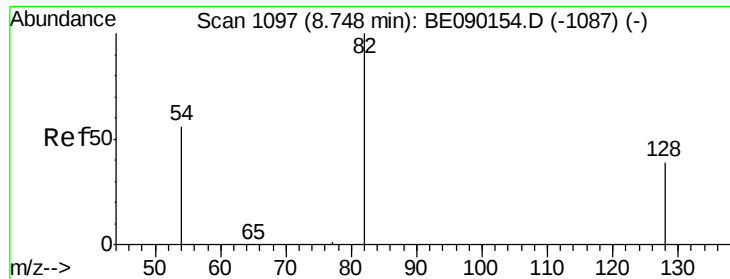
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 3.47 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

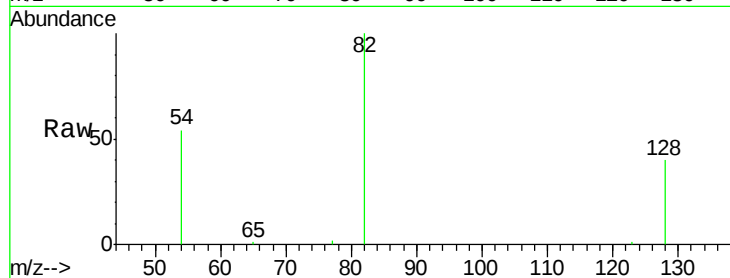
Tgt Ion: 82 Resp: 9694

Ion Ratio Lower Upper

82 100

128 40.1 32.7 49.1

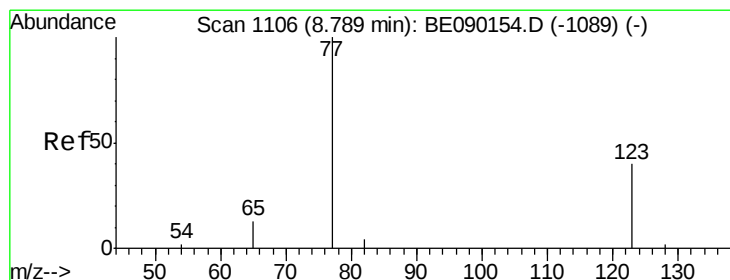
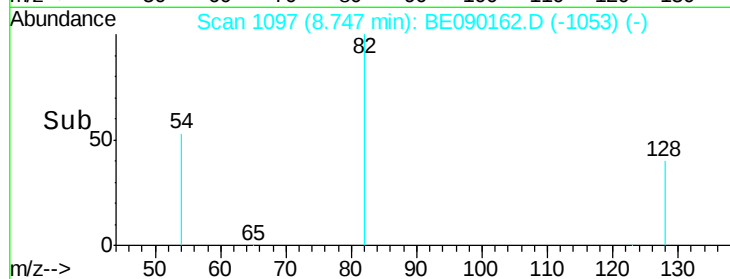
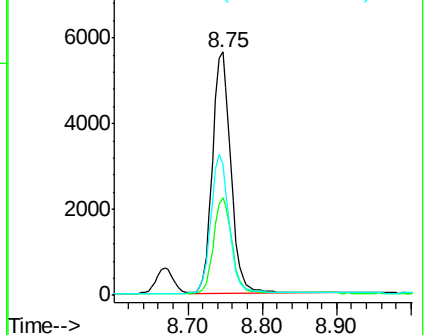
54 53.9 45.9 68.9



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 3.70 ng

RT: 8.79 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

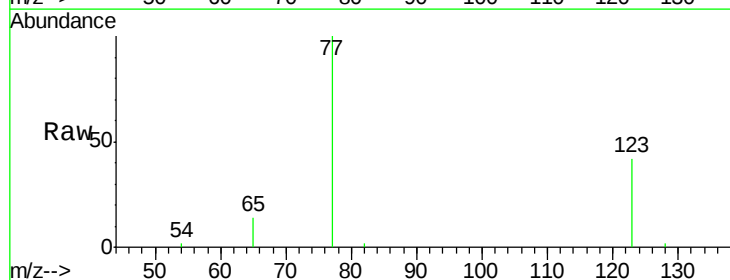
Tgt Ion: 77 Resp: 10185

Ion Ratio Lower Upper

77 100

123 41.6 32.3 48.5

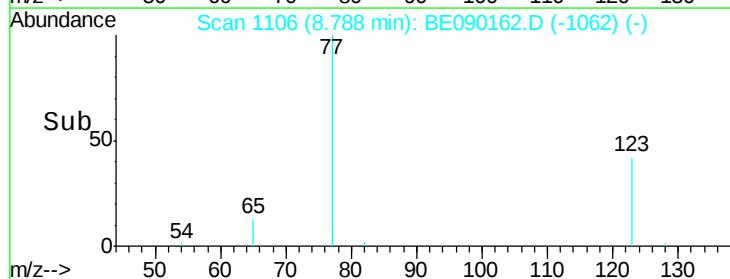
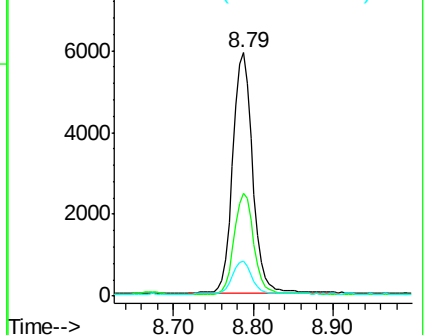
65 13.5 10.4 15.6

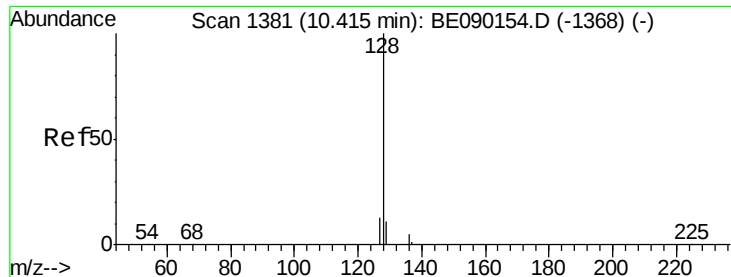


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.41 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

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ClientSampleId :

PB84538BS

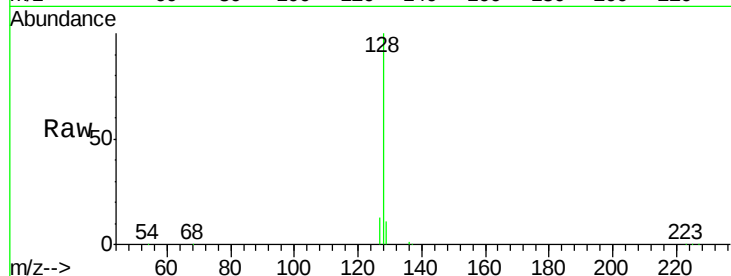
Tgt Ion:128 Resp: 30710

Ion Ratio Lower Upper

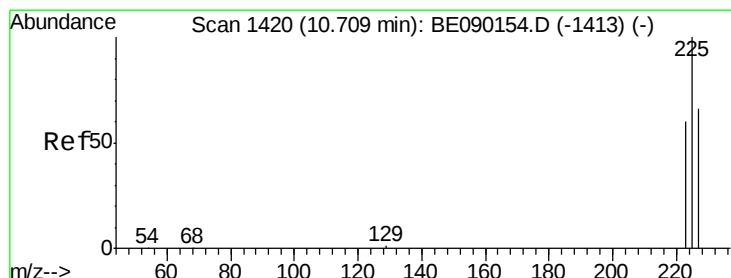
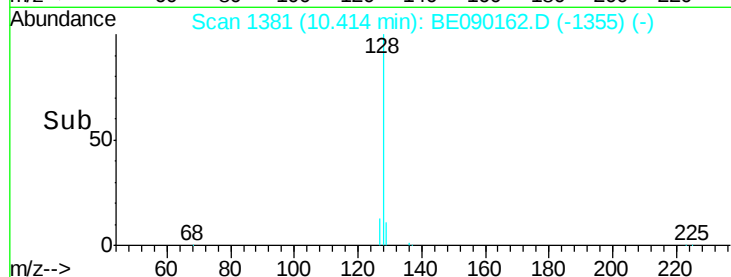
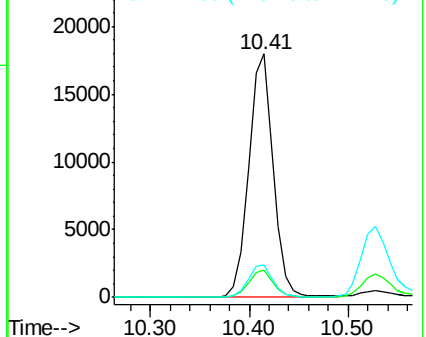
128 100

129 11.2 9.8 14.6

127 13.1 10.7 16.1



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: 3.34 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

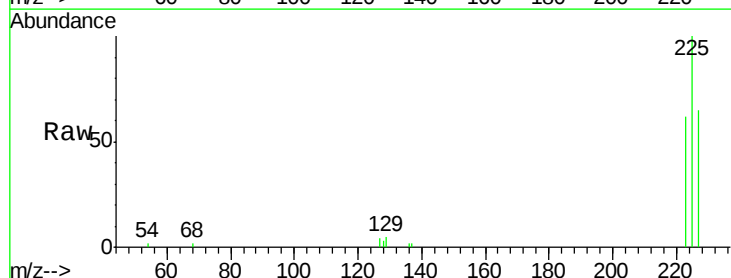
Tgt Ion:225 Resp: 3713

Ion Ratio Lower Upper

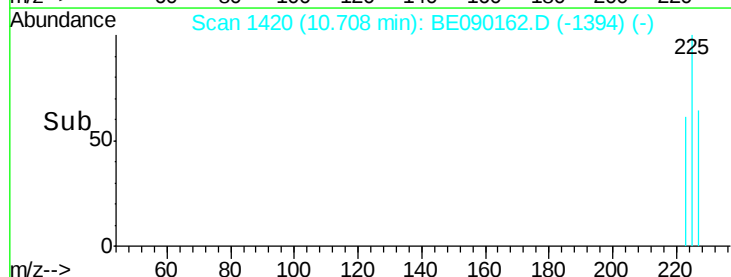
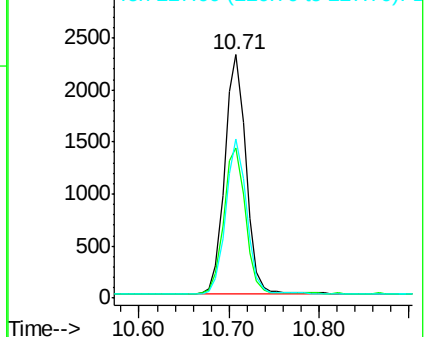
225 100

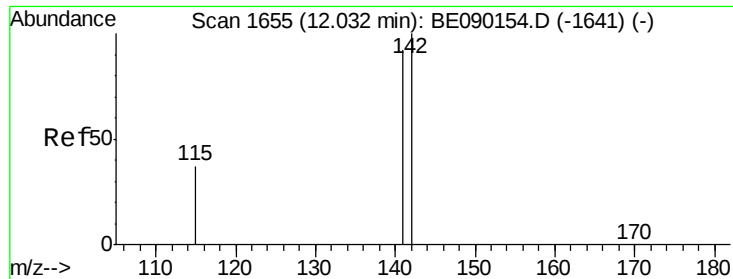
223 62.1 50.3 75.5

227 63.5 51.3 76.9



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

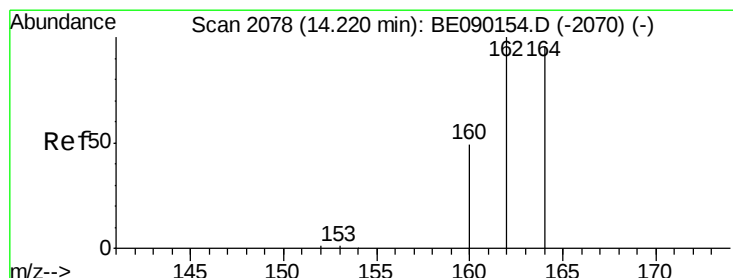
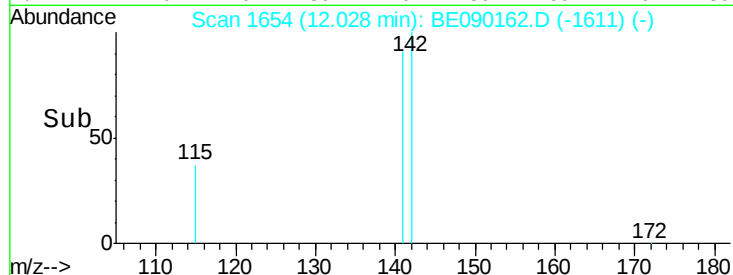
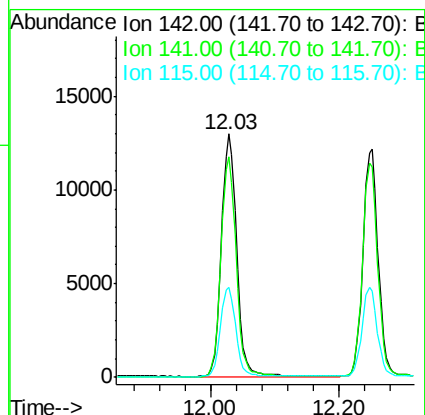
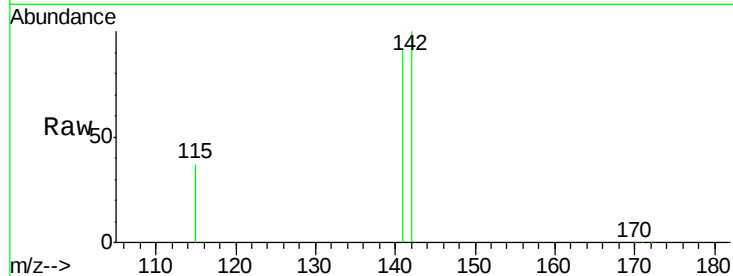




#11
2-Methylnaphthalene
Concen: 3.51 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE090162.D
Acq: 18 Jul 2015 1:11

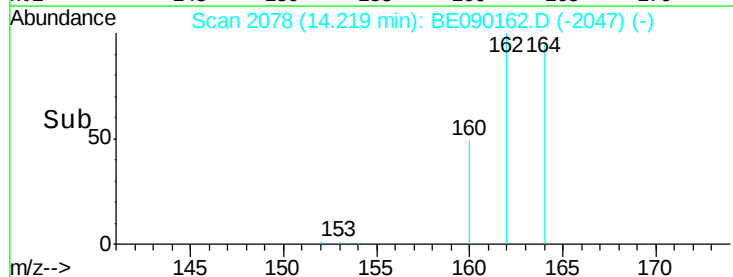
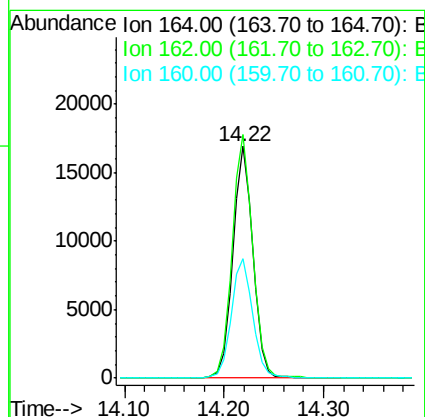
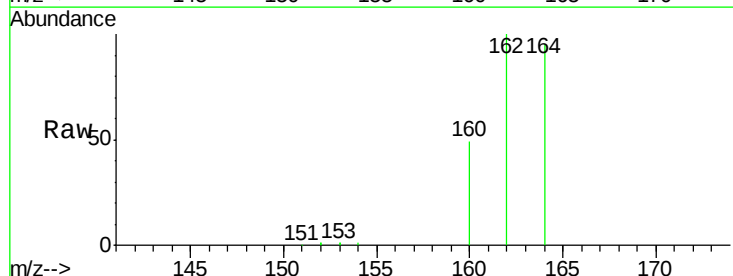
Instrument :
BNA_E
ClientSampleId :
PB84538BS

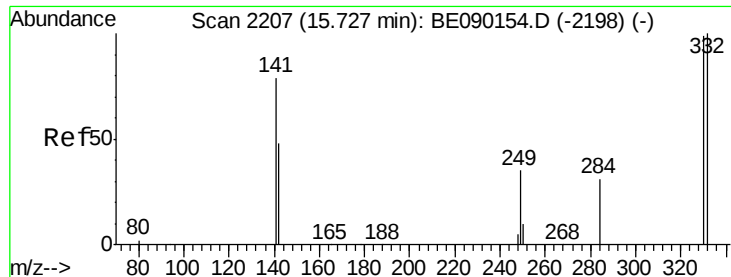
Tgt Ion:142 Resp: 21264
Ion Ratio Lower Upper
142 100
141 90.6 73.9 110.9
115 37.2 30.0 45.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090162.D
Acq: 18 Jul 2015 1:11

Tgt Ion:164 Resp: 23630
Ion Ratio Lower Upper
164 100
162 105.1 83.3 124.9
160 51.5 40.9 61.3

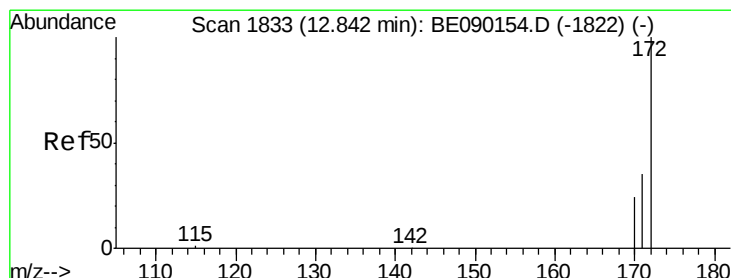
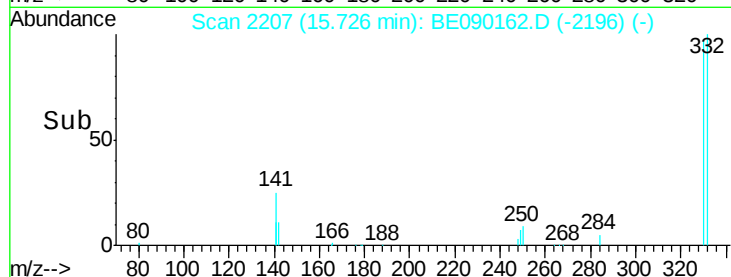
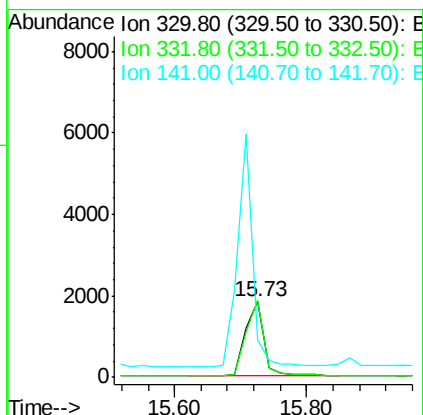
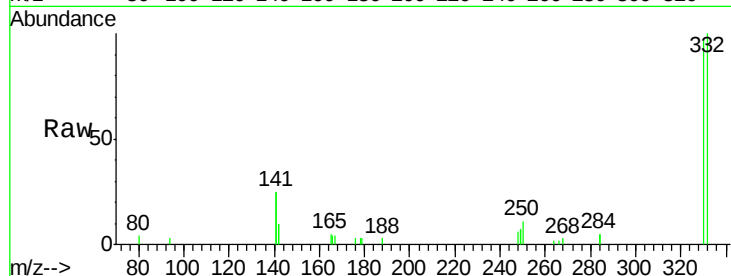




#13
 2,4,6-Tribromophenol
 Concen: 6.20 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090162.D
 Acq: 18 Jul 2015 1:11

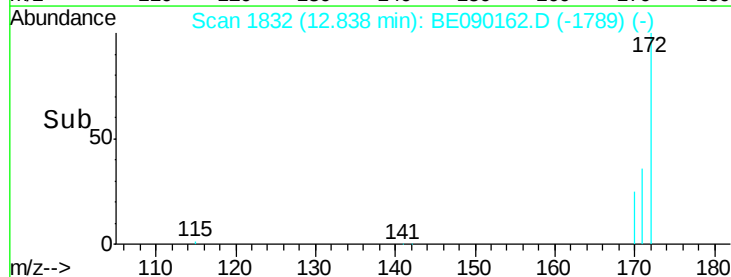
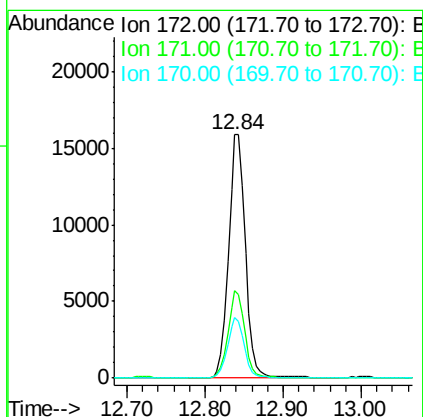
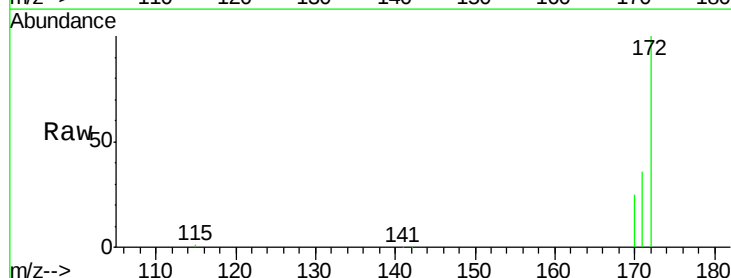
Instrument :
 BNA_E
 ClientSampleId :
 PB84538BS

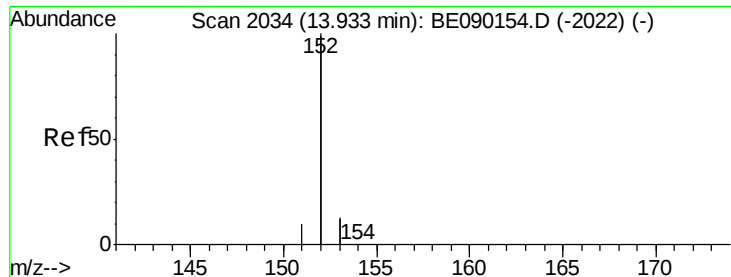
Tgt Ion: 330 Resp: 3463
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.2 117.2
 141 264.6 215.8 323.6



#14
 2-Fluorobiphenyl
 Concen: 3.38 ng
 RT: 12.84 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BE090162.D
 Acq: 18 Jul 2015 1:11

Tgt Ion: 172 Resp: 23512
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 25.1 19.7 29.5





#15

Acenaphthylene

Concen: 3.44 ng

RT: 13.93 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

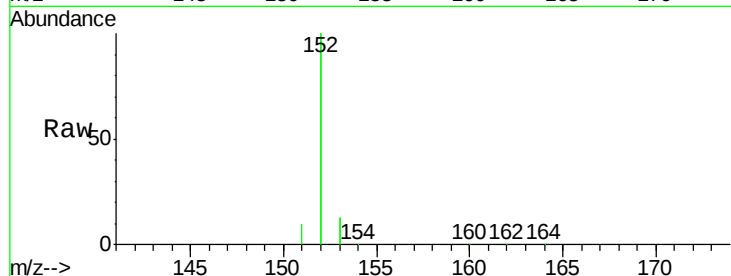
Tgt Ion:152 Resp: 146317

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

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

120000

100000

80000

60000

40000

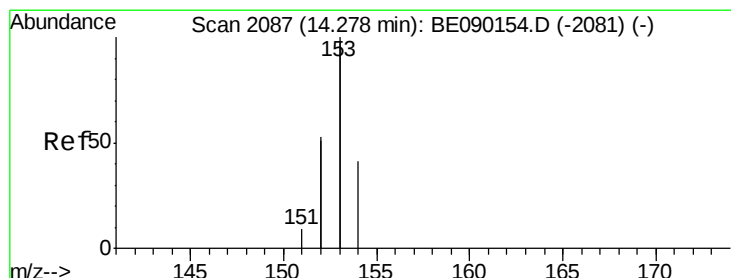
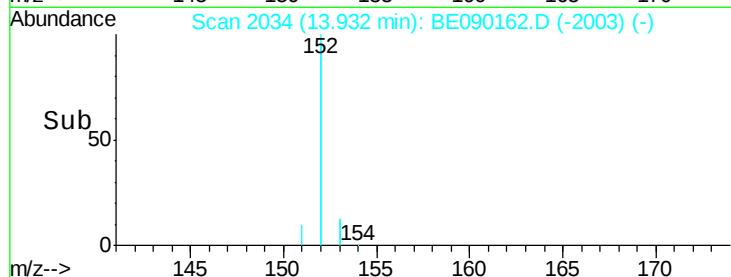
20000

0

13.93

Time-->

13.80 14.00



#16

Acenaphthene

Concen: 3.50 ng

RT: 14.28 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

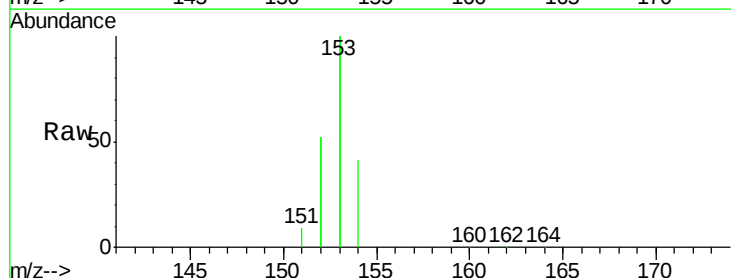
Tgt Ion:154 Resp: 20953

Ion Ratio Lower Upper

154 100

153 476.5 376.9 565.3

152 248.6 199.0 298.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

100000

80000

60000

40000

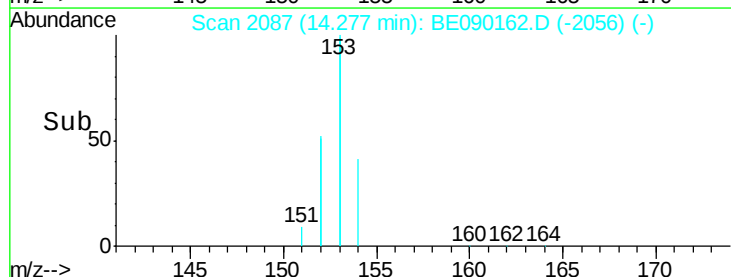
20000

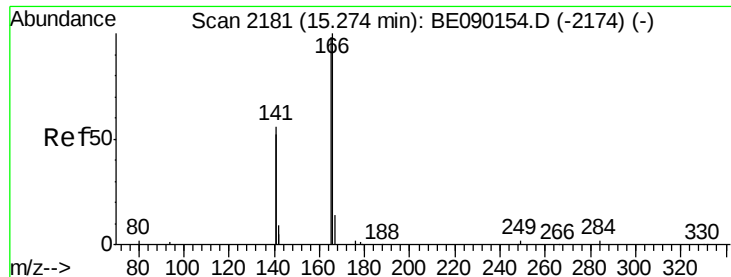
0

14.28

Time-->

14.25 14.30

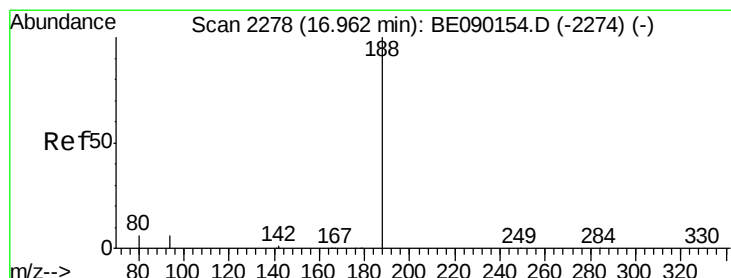
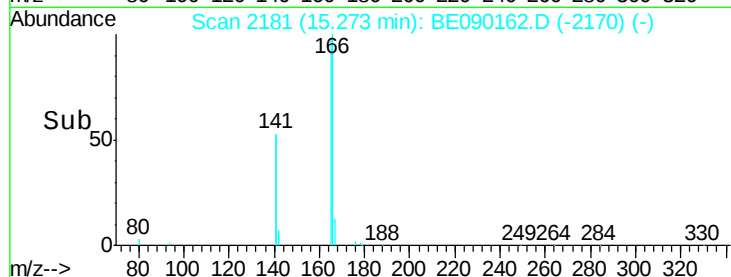
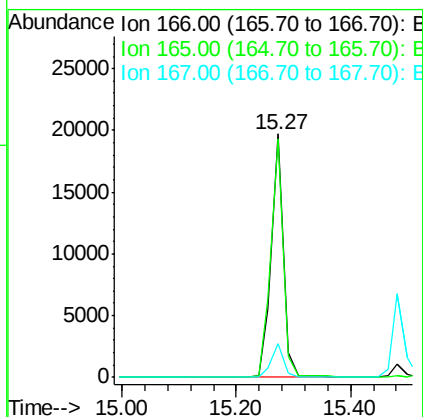
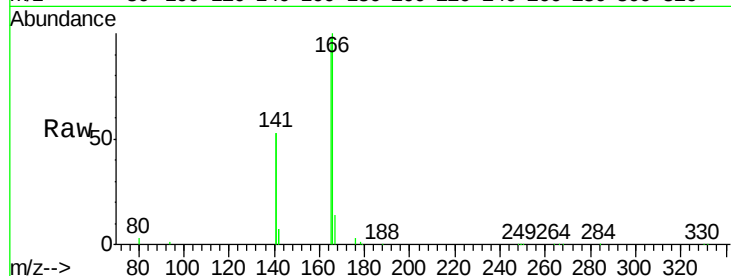




#17
Fluorene
 Concen: 3.53 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BE090162.D
 Acq: 18 Jul 2015 1:11

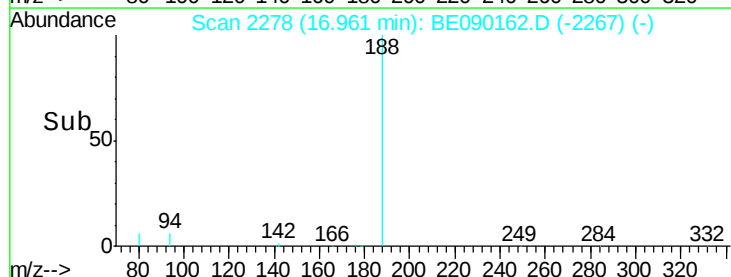
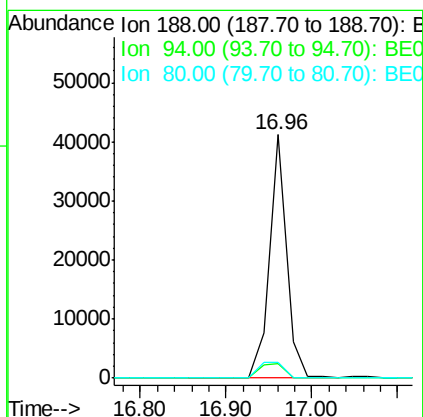
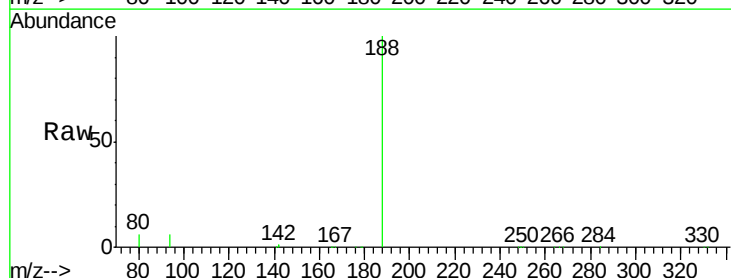
Instrument :
 BNA_E
 ClientSampleId :
 PB84538BS

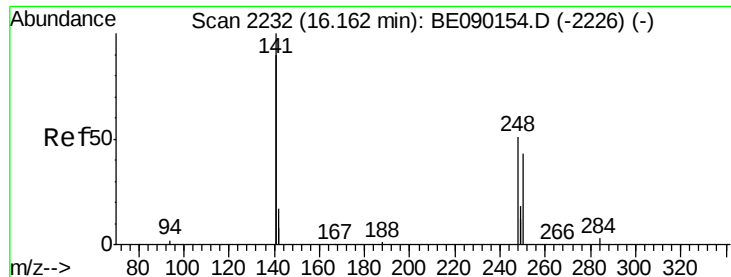
Tgt Ion:166 Resp: 28592
 Ion Ratio Lower Upper
 166 100
 165 100.6 81.5 122.3
 167 13.6 11.9 17.9



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090162.D
 Acq: 18 Jul 2015 1:11

Tgt Ion:188 Resp: 58008
 Ion Ratio Lower Upper
 188 100
 94 6.1 4.6 7.0
 80 6.3 4.6 6.8





#19

4-Bromophenyl-phenylether

Concen: 3.66 ng

RT: 16.16 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

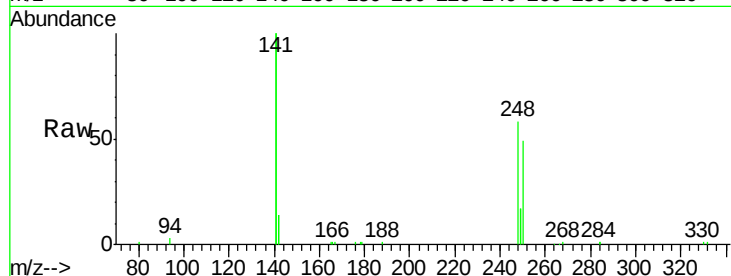
Tgt Ion:248 Resp: 7909

Ion Ratio Lower Upper

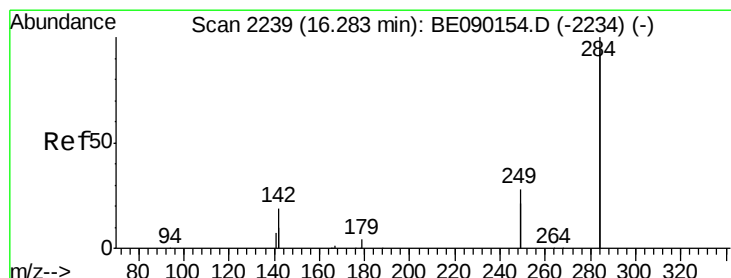
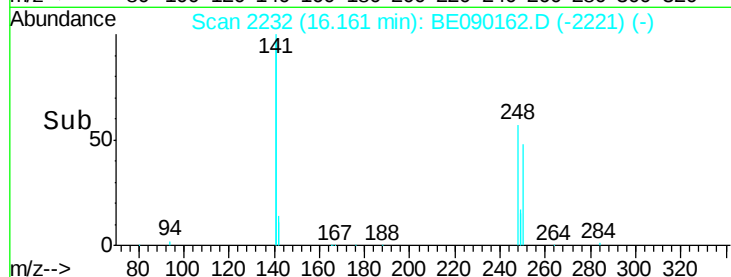
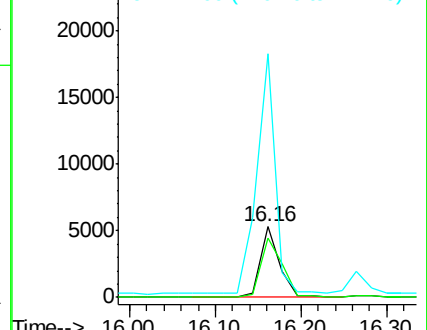
248 100

250 95.5 77.4 116.0

141 340.0 281.3 421.9



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 3.54 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

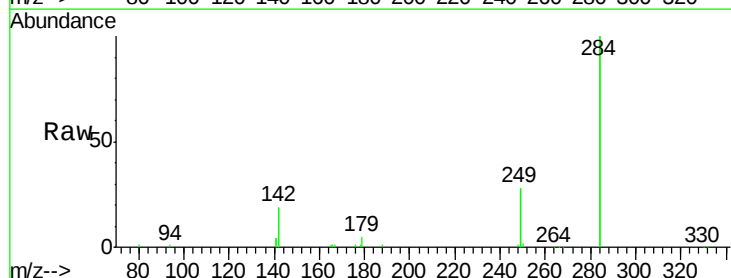
Tgt Ion:284 Resp: 27029

Ion Ratio Lower Upper

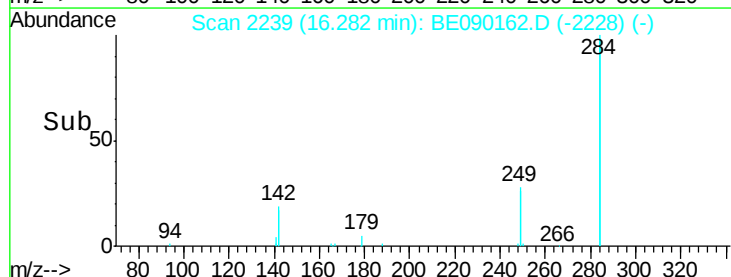
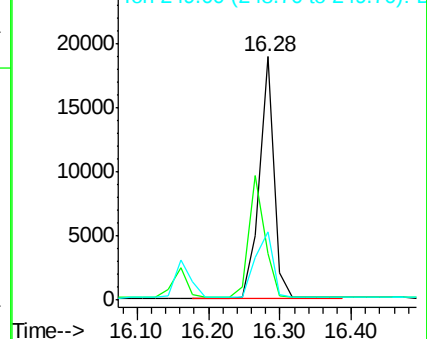
284 100

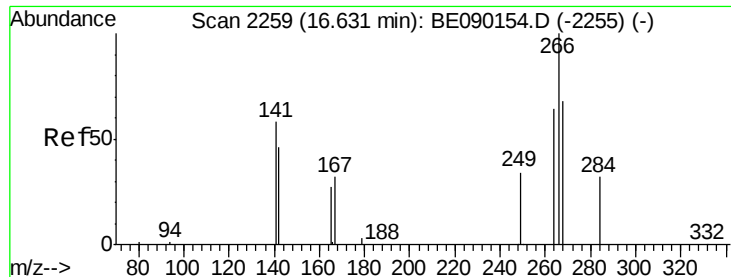
142 53.4 42.2 63.2

249 33.1 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

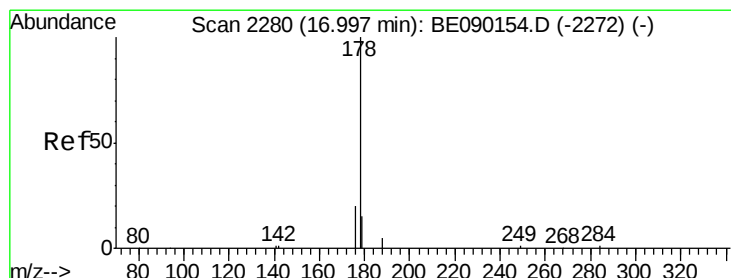
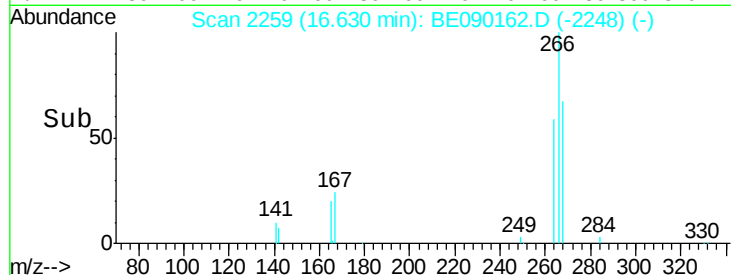
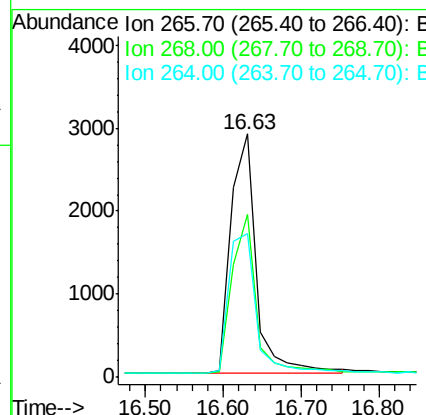
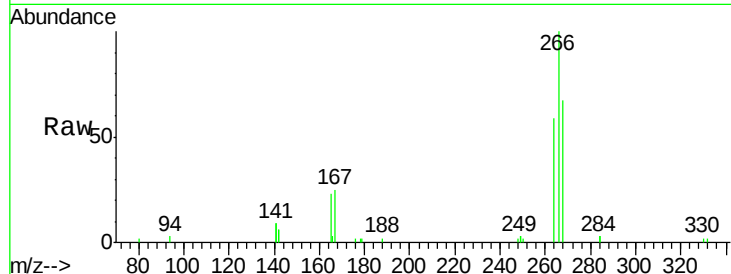




#21
 Pentachlorophenol
 Concen: 6.65 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090162.D
 Acq: 18 Jul 2015 1:11

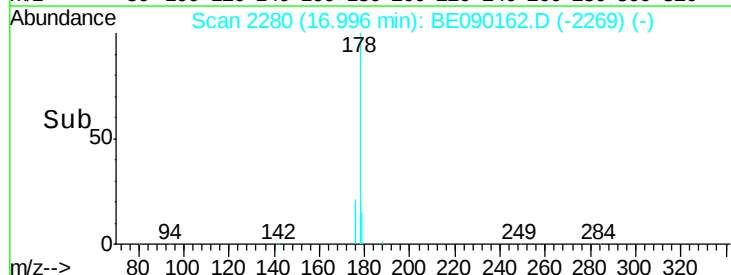
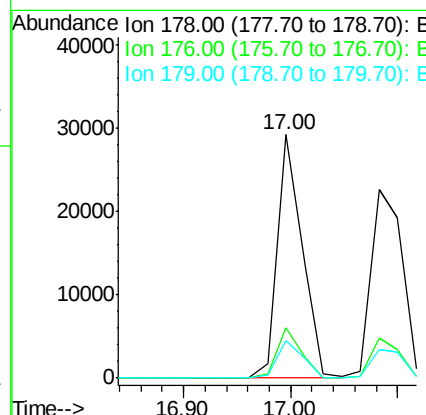
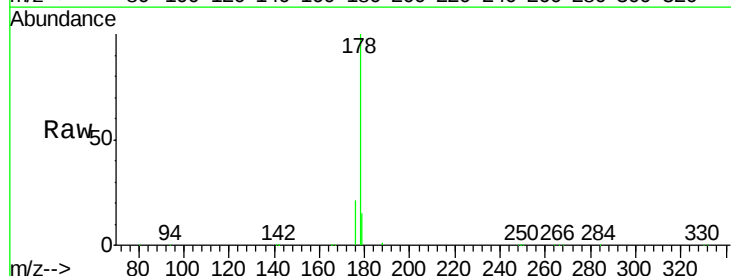
Instrument :
 BNA_E
 ClientSampleId :
 PB84538BS

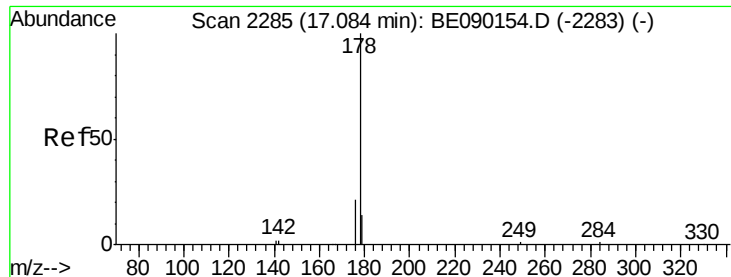
Tgt Ion: 266 Resp: 6564
 Ion Ratio Lower Upper
 266 100
 268 67.1 58.2 87.4
 264 59.3 55.0 82.4



#22
 Phenanthrene
 Concen: 3.63 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090162.D
 Acq: 18 Jul 2015 1:11

Tgt Ion: 178 Resp: 47162
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.5 12.5 18.7





#23

Anthracene

Concen: 3.81 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

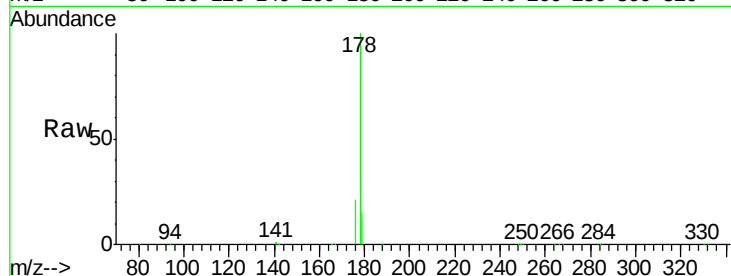
Tgt Ion:178 Resp: 46036

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

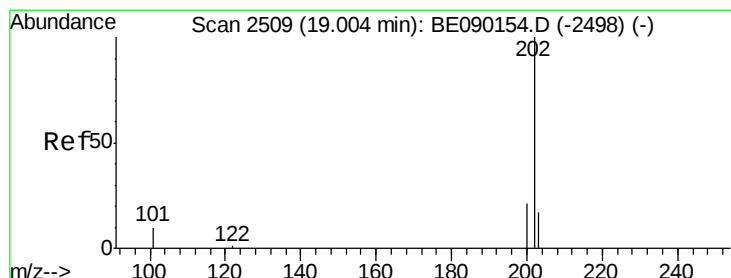
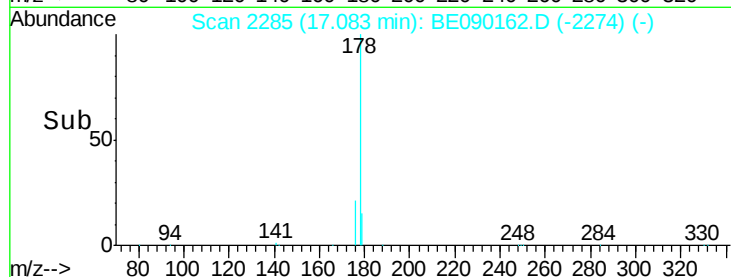
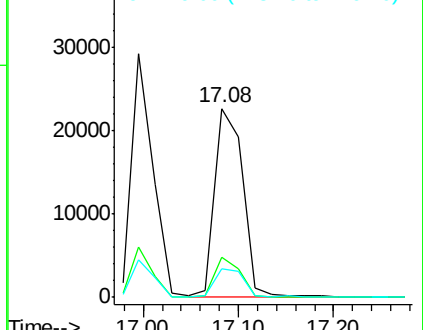
179 15.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 3.83 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

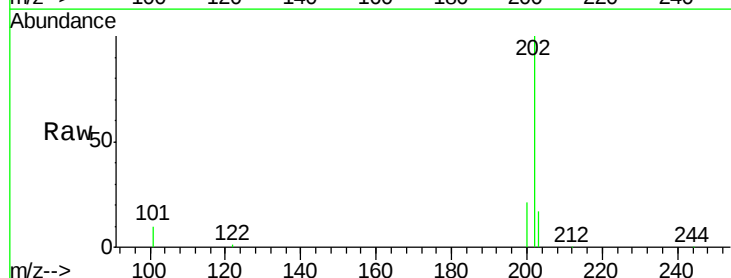
Tgt Ion:202 Resp: 55939

Ion Ratio Lower Upper

202 100

101 10.7 8.5 12.7

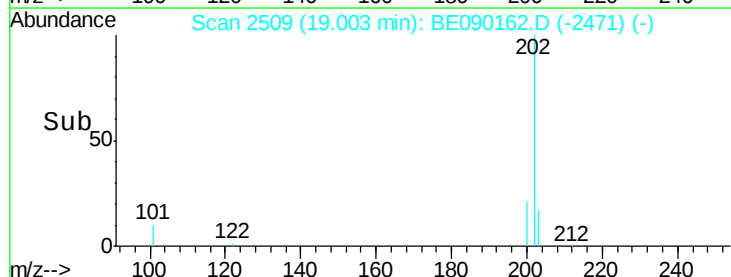
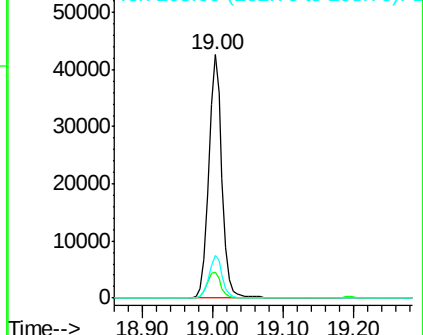
203 17.3 13.9 20.9

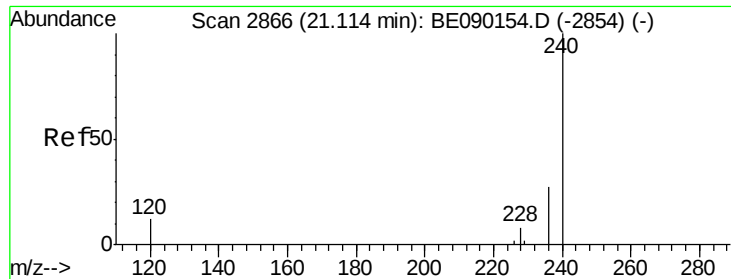


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

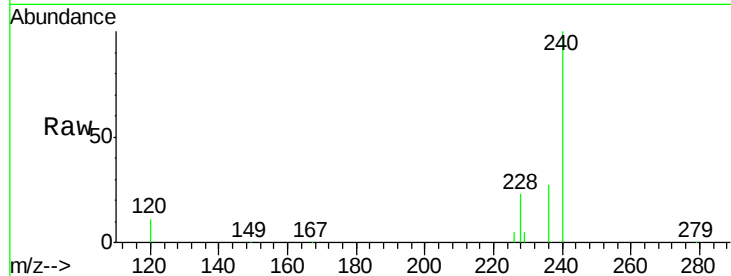
Tgt Ion:240 Resp: 69416

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.0

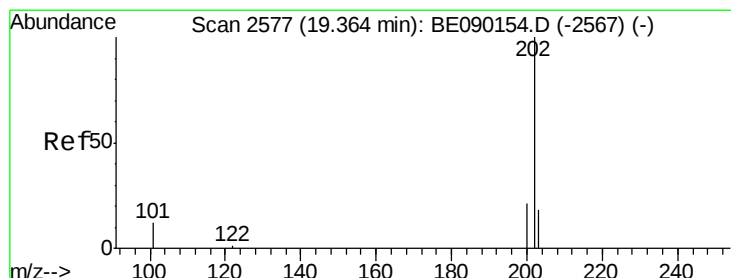
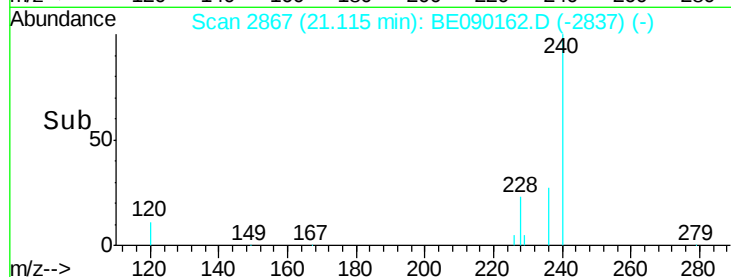
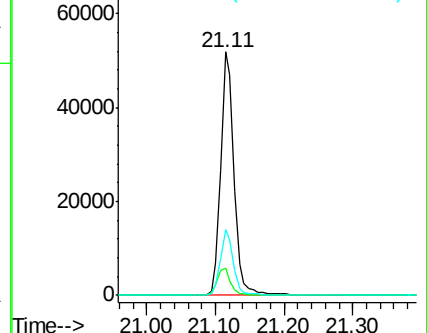
236 27.1 21.8 32.8



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: 3.81 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

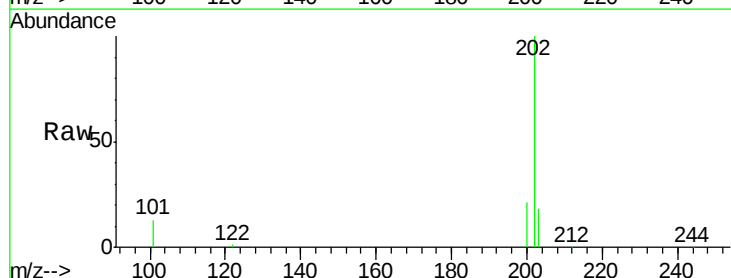
Tgt Ion:202 Resp: 59919

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

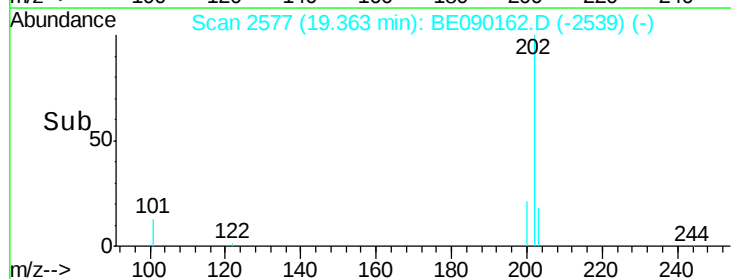
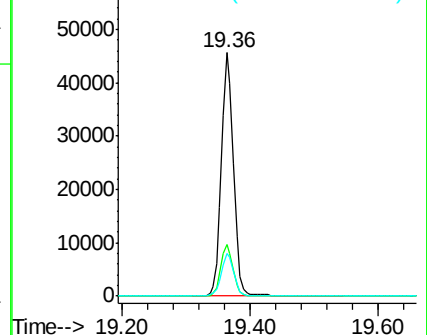
203 18.2 14.1 21.1

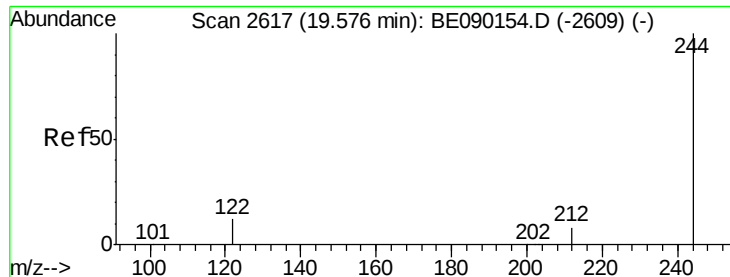


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 3.47 ng

RT: 19.57 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

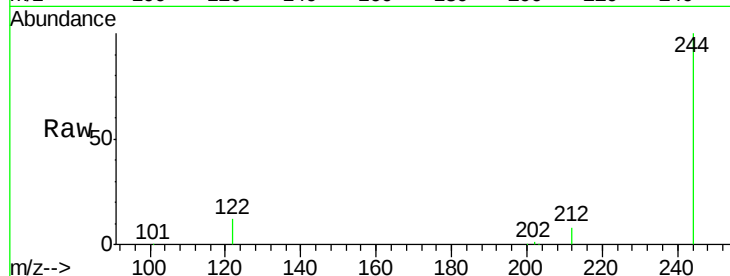
Tgt Ion:244 Resp: 40342

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

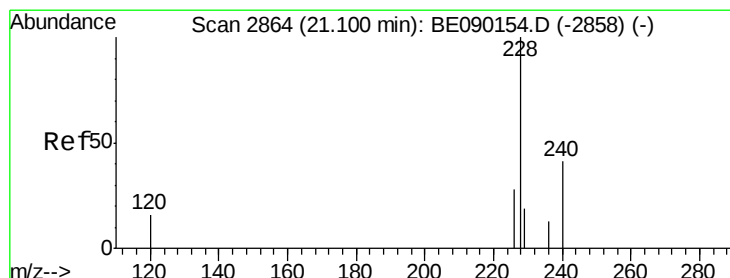
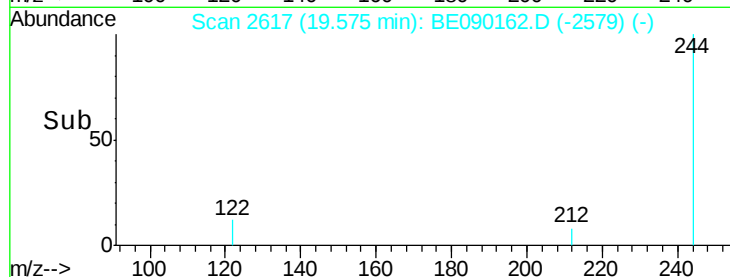
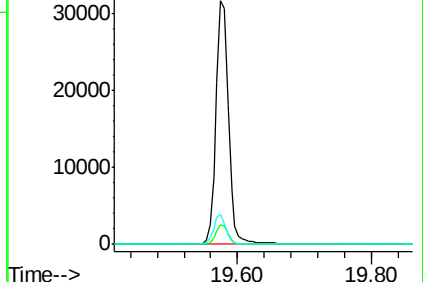
122 12.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 3.66 ng

RT: 21.10 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

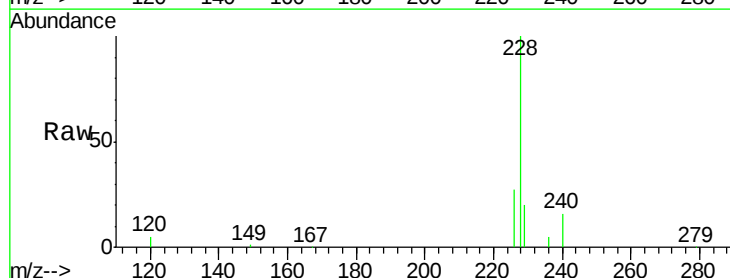
Tgt Ion:228 Resp: 58212

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

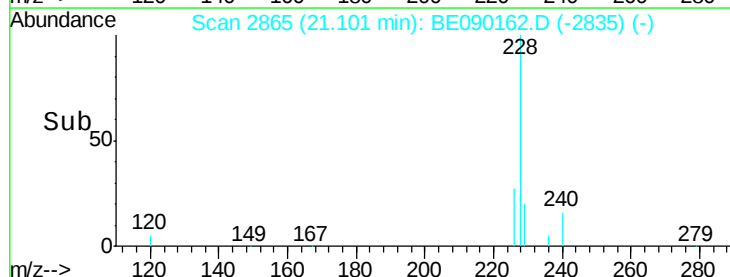
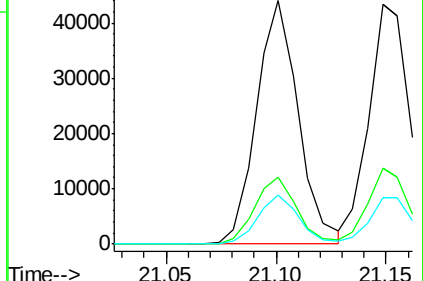
229 19.9 15.7 23.5

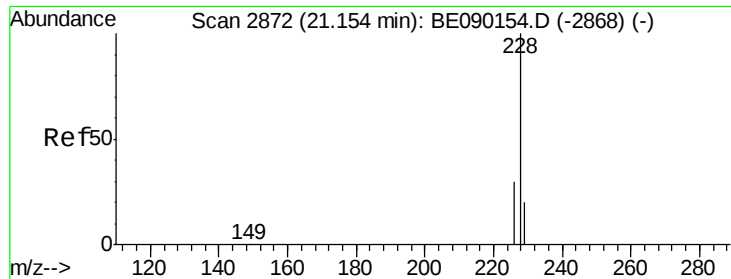


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 3.69 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

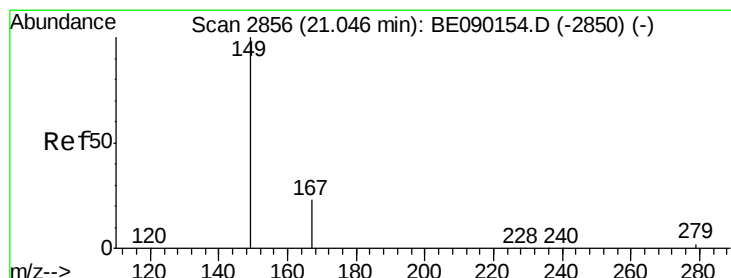
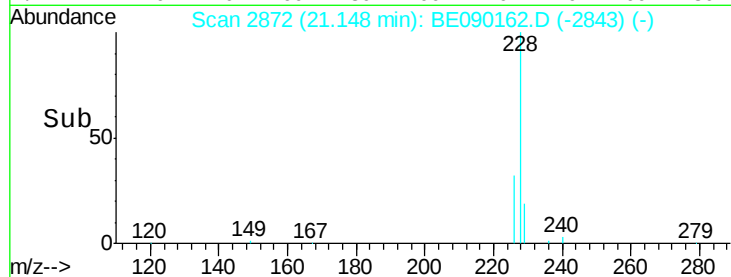
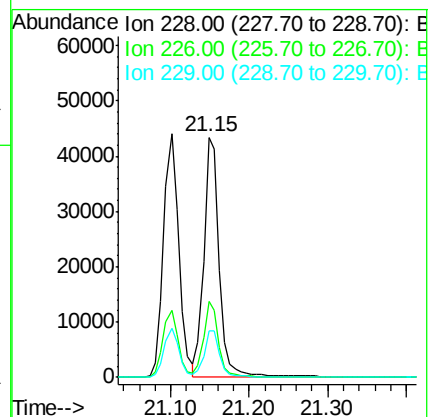
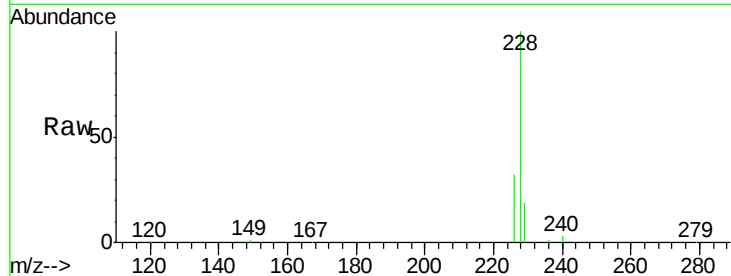
Tgt Ion:228 Resp: 59110

Ion Ratio Lower Upper

228 100

226 31.7 23.8 35.8

229 19.2 16.5 24.7



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.86 ng

RT: 21.05 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

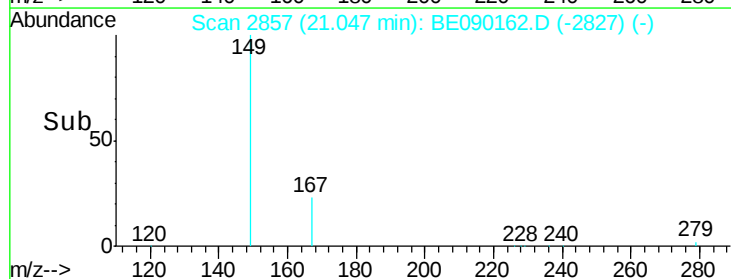
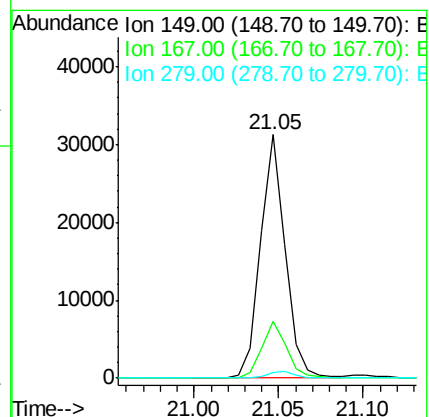
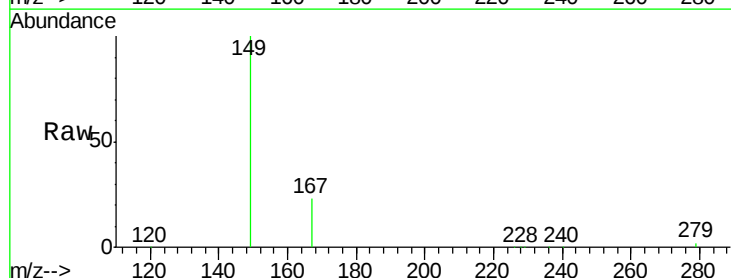
Tgt Ion:149 Resp: 31437

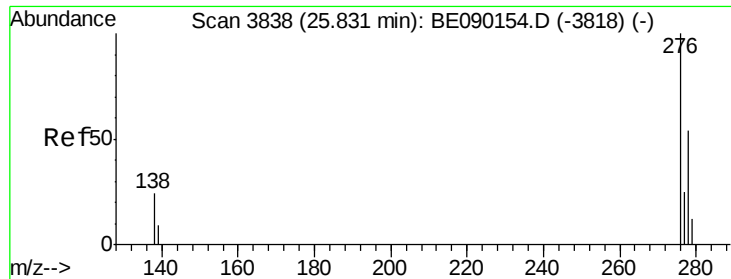
Ion Ratio Lower Upper

149 100

167 23.2 18.6 28.0

279 2.8 2.2 3.4





#31

Indeno(1,2,3-cd)pyrene

Concen: 3.57 ng

RT: 25.83 min Scan# 3838

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

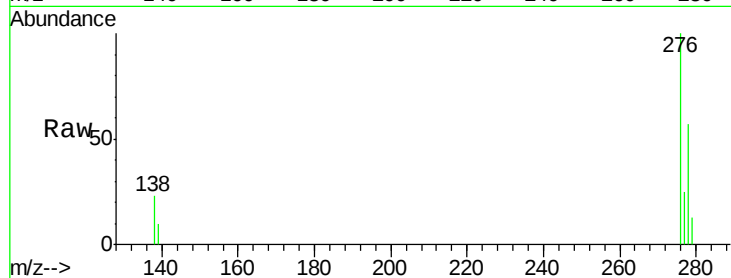
Tgt Ion:276 Resp: 66989

Ion Ratio Lower Upper

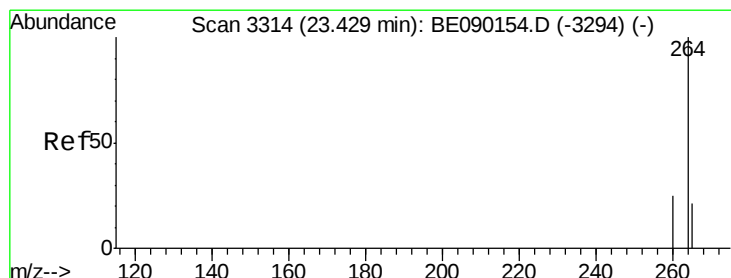
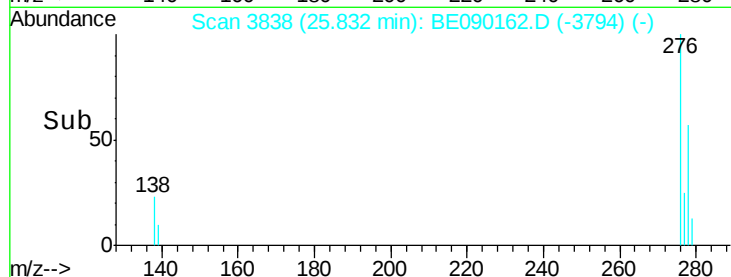
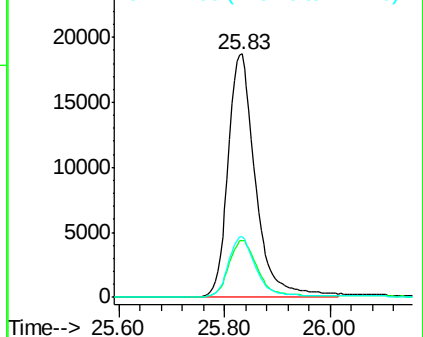
276 100

138 24.6 19.5 29.3

277 24.9 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.43 min Scan# 3315

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

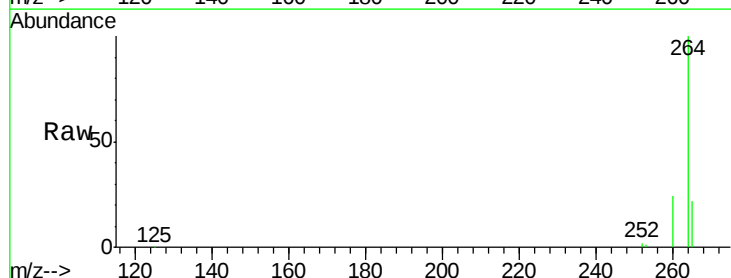
Tgt Ion:264 Resp: 67163

Ion Ratio Lower Upper

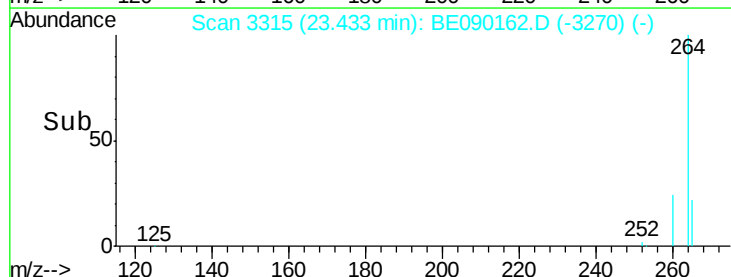
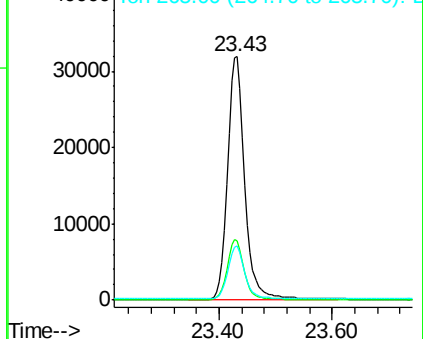
264 100

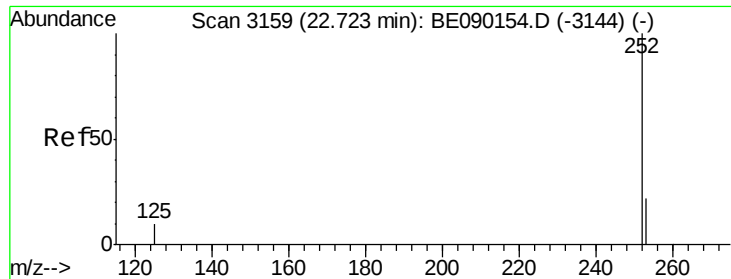
260 24.2 19.8 29.8

265 22.1 17.4 26.2



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: 4.06 ng

RT: 22.73 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

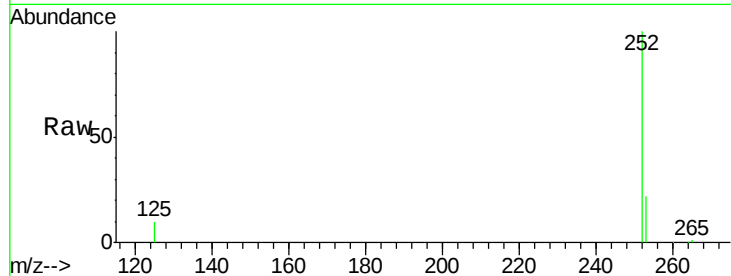
Tgt Ion:252 Resp: 56865

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

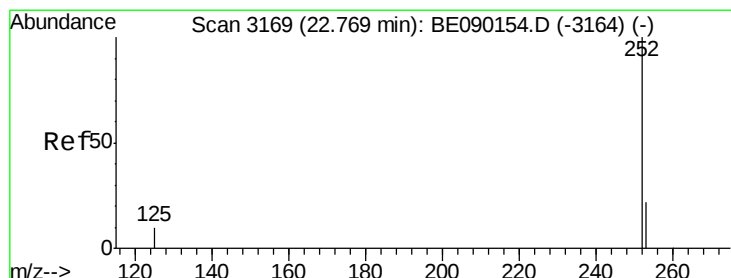
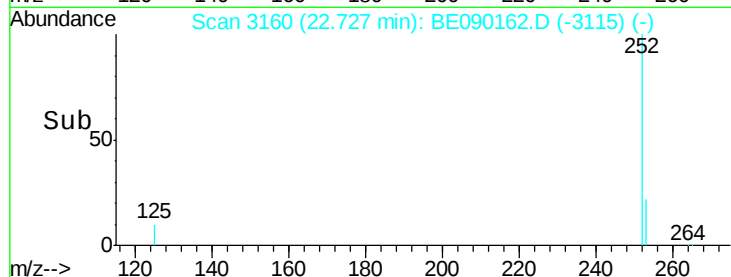
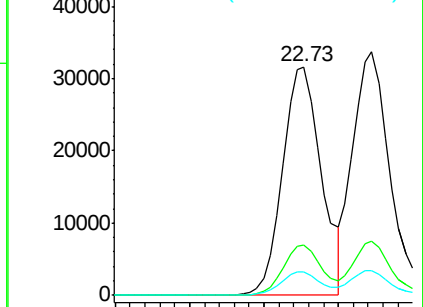
125 10.1 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 3.81 ng

RT: 22.77 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

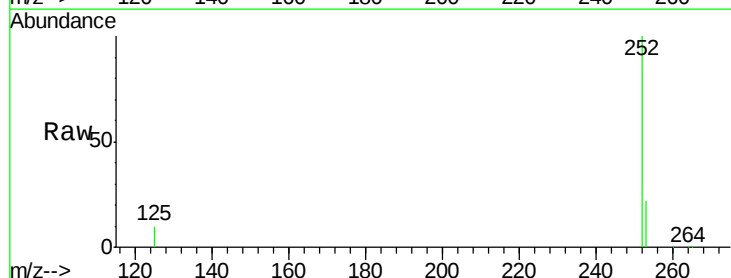
Tgt Ion:252 Resp: 61087

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

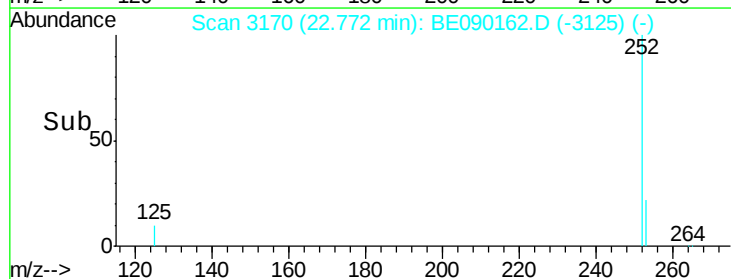
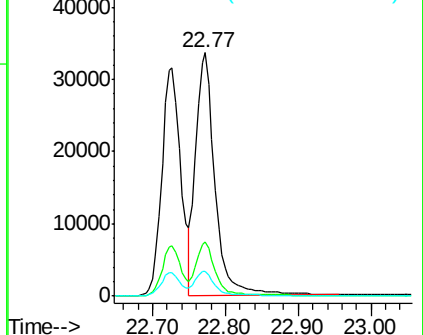
125 10.3 8.7 13.1

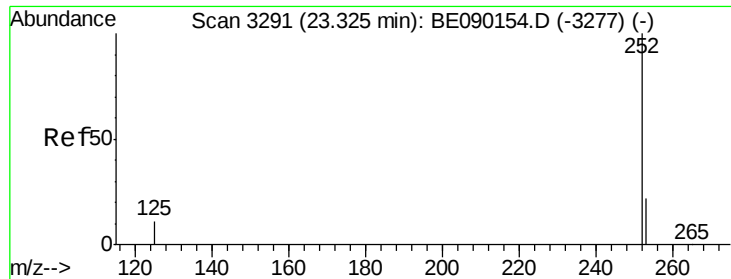


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 4.02 ng

RT: 23.32 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS

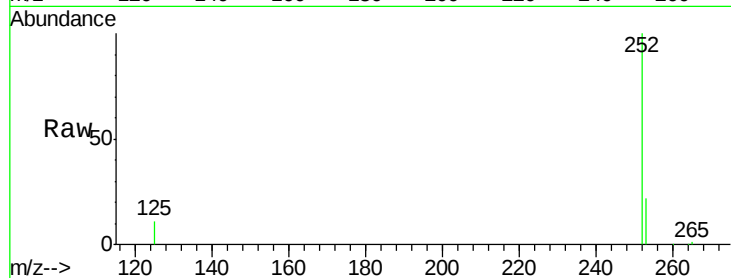
Tgt Ion:252 Resp: 54628

Ion Ratio Lower Upper

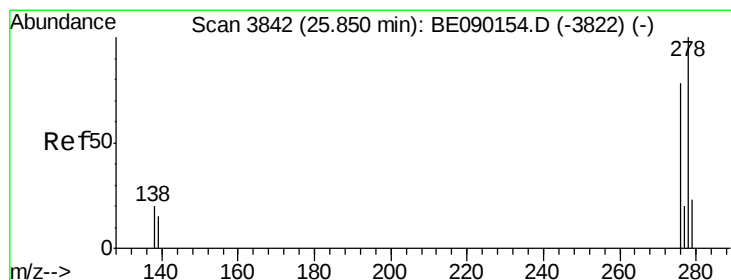
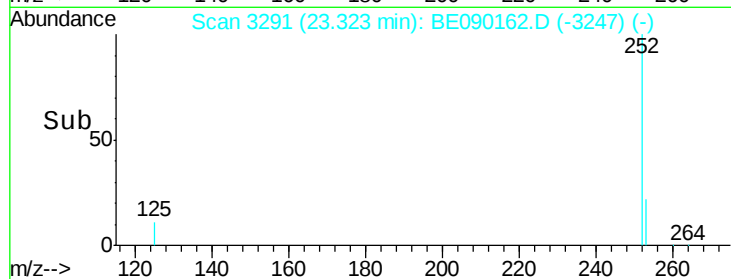
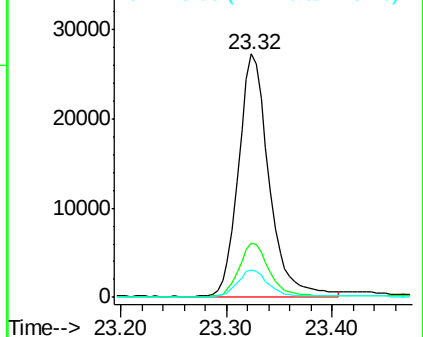
252 100

253 22.0 18.0 27.0

125 11.3 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 3.86 ng

RT: 25.85 min Scan# 3842

Delta R.T. 0.00 min

Lab File: BE090162.D

Acq: 18 Jul 2015 1:11

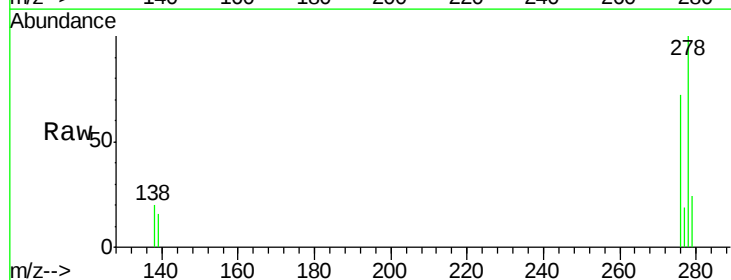
Tgt Ion:278 Resp: 55227

Ion Ratio Lower Upper

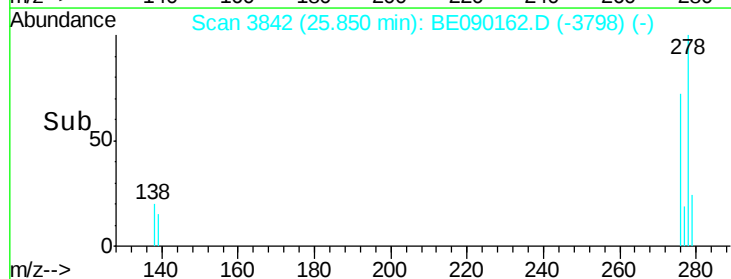
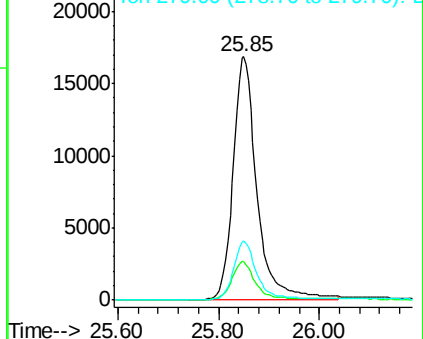
278 100

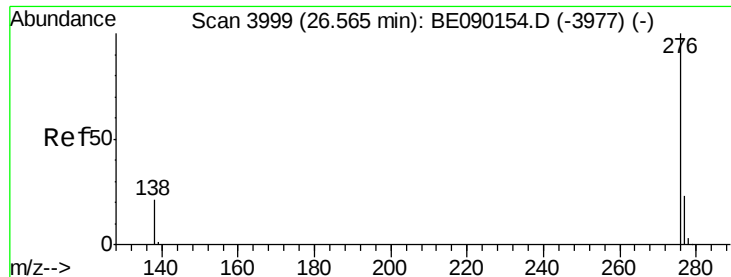
139 15.7 12.9 19.3

279 24.2 19.3 28.9



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: 3.82 ng

RT: 26.56 min Scan# 3998

Delta R.T. -0.00 min

Lab File: BE090162.D

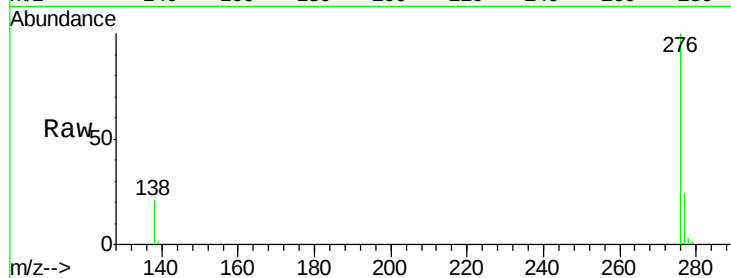
Acq: 18 Jul 2015 1:11

Instrument :

BNA_E

ClientSampleId :

PB84538BS



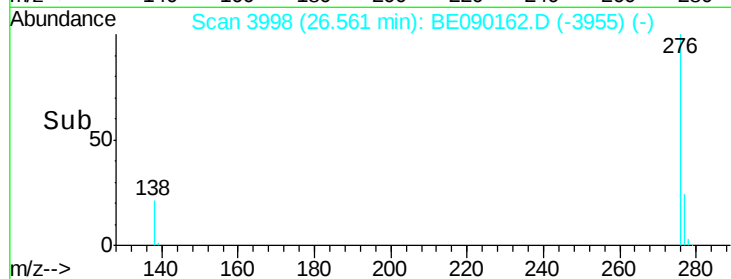
Tgt Ion: 276 Resp: 56621

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 21.4 17.2 25.8



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

