

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
 Data File : BE090018.D
 Acq On : 30 Jun 2015 19:43
 Operator : TP/IZ
 Sample : G2824-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0650204-150626MS

Quant Time: Jul 01 05:17:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

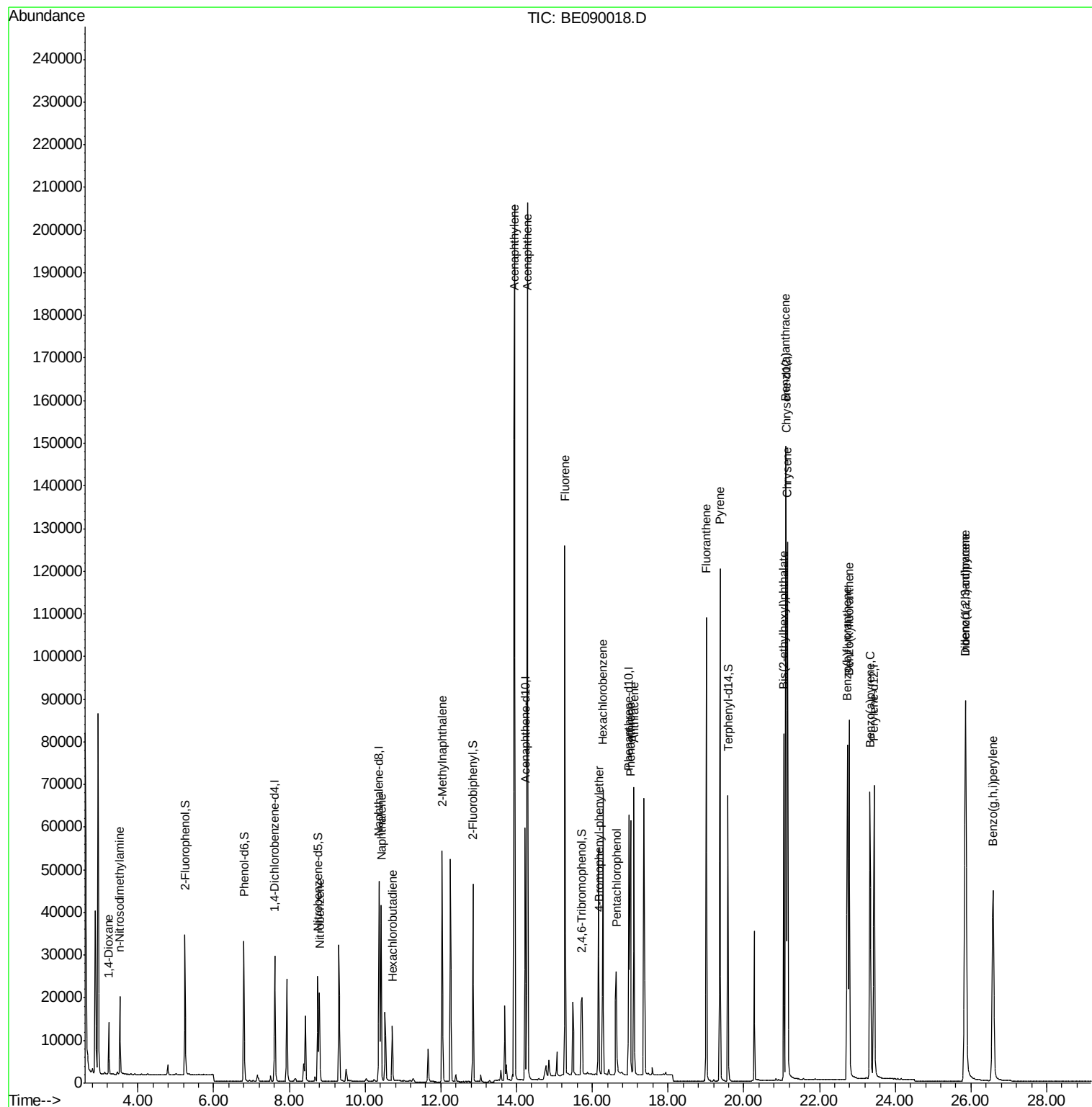
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	13987	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	61892	5.00	ng	-0.01
12) Acenaphthene-d10	14.23	164	34322	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	75589	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	98663	5.00	ng	-0.01
32) Perylene-d12	23.44	264	97236	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	22849	7.11	ng	0.00
5) Phenol-d6	6.80	99	34398	7.65	ng	0.00
7) Nitrobenzene-d5	8.75	82	21102	4.29	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	9501	9.45	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	43658	4.23	ng	0.00
27) Terphenyl-d14	19.58	244	66555	4.05	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	6824	3.55	ng	95
3) n-Nitrosodimethylamine	3.52	42	9546	3.67	ng	90
8) Nitrobenzene	8.79	77	22190	4.26	ng	96
9) Naphthalene	10.42	128	56204	4.02	ng	100
10) Hexachlorobutadiene	10.72	225	8847	4.02	ng	100
11) 2-Methylnaphthalene	12.04	142	38310	4.10	ng	99
15) Acenaphthylene	13.94	152	257082	4.15	ng	100
16) Acenaphthene	14.29	154	37022	4.15	ng	97
17) Fluorene	15.27	166	50122	4.13	ng	99
19) 4-Bromophenyl-phenylether	16.18	248	14197	4.42	ng	93
20) Hexachlorobenzene	16.28	284	56959	4.26	ng	97
21) Pentachlorophenol	16.63	266	14092	8.22	ng	98
22) Phenanthrene	17.01	178	80785	4.17	ng	100
23) Anthracene	17.10	178	79729	4.50	ng	99
24) Fluoranthene	19.01	202	96550	4.46	ng	99
26) Pyrene	19.37	202	102839	4.37	ng	99
28) Benzo(a)anthracene	21.11	228	107391	4.36	ng	99
29) Chrysene	21.16	228	107946	4.22	ng	98
30) Bis(2-ethylhexyl)phthalate	21.05	149	67640	5.91	ng	99
31) Indeno(1,2,3-cd)pyrene	25.85	276	121317	4.95	ng	97
33) Benzo(b)fluoranthene	22.73	252	105691	4.93	ng	100
34) Benzo(k)fluoranthene	22.78	252	110932	4.63	ng	100
35) Benzo(a)pyrene	23.33	252	103518	5.23	ng	100
36) Dibenzo(a,h)anthracene	25.86	278	99758	4.91	ng	98
37) Benzo(g,h,i)perylene	26.58	276	101532	4.93	ng	97

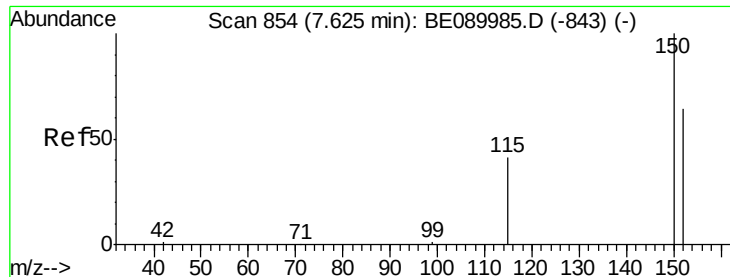
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 30 07:01:01 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 852

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

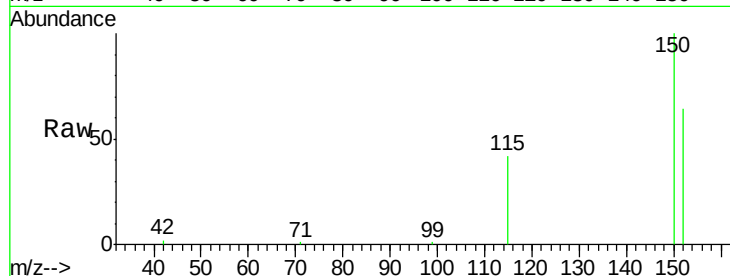
Tgt Ion:152 Resp: 13987

Ion Ratio Lower Upper

152 100

150 156.0 123.9 185.9

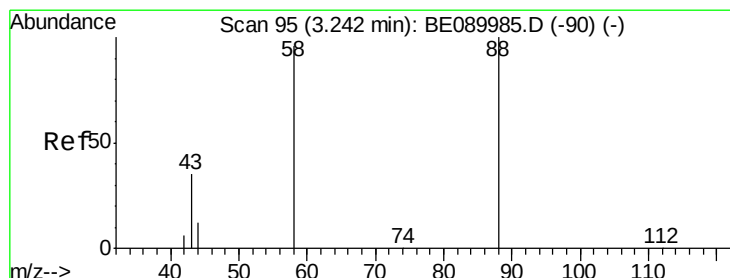
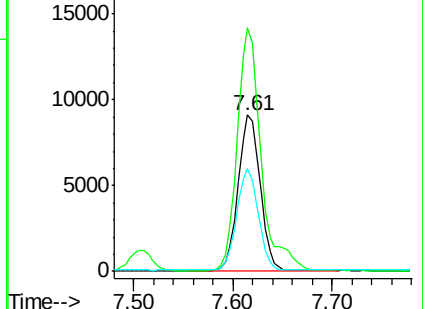
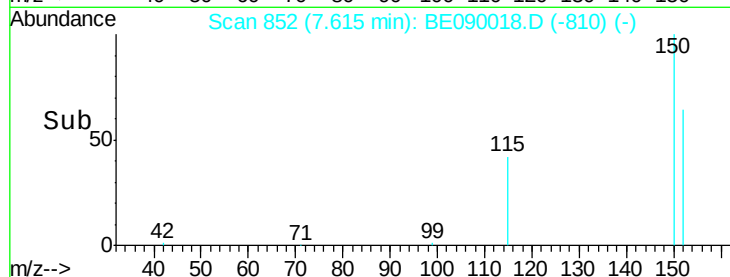
115 65.9 50.6 76.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.55 ng

RT: 3.23 min Scan# 93

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

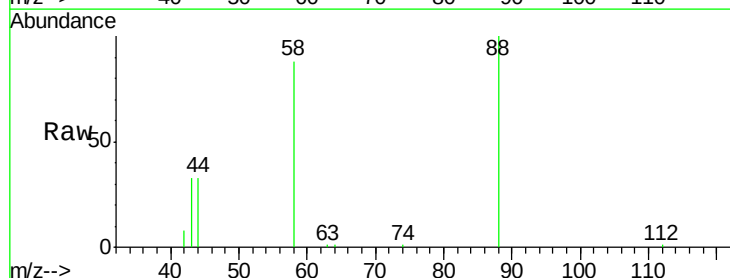
Tgt Ion: 88 Resp: 6824

Ion Ratio Lower Upper

88 100

58 84.2 70.9 106.3

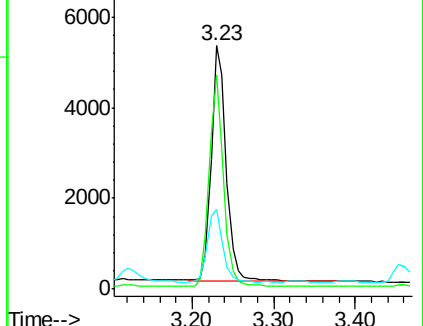
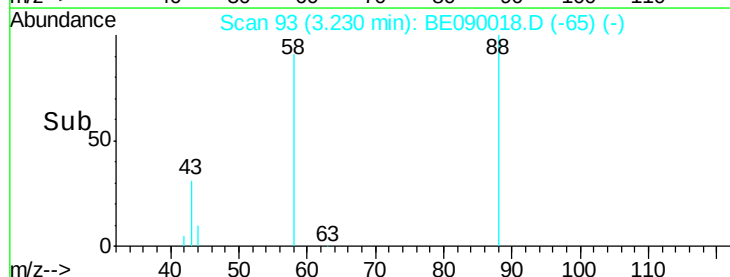
43 31.3 27.6 41.4

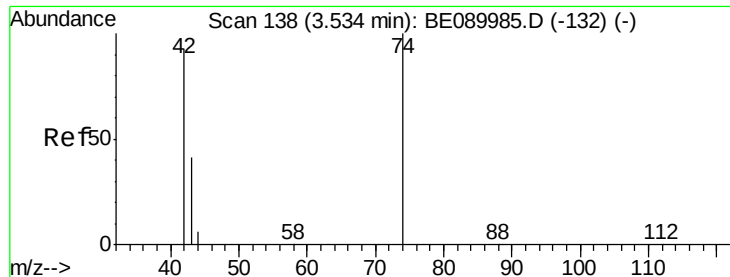


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



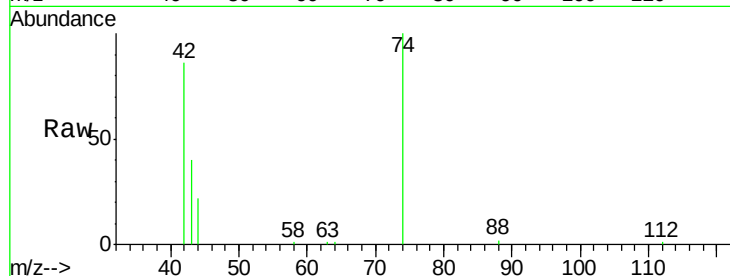


#3

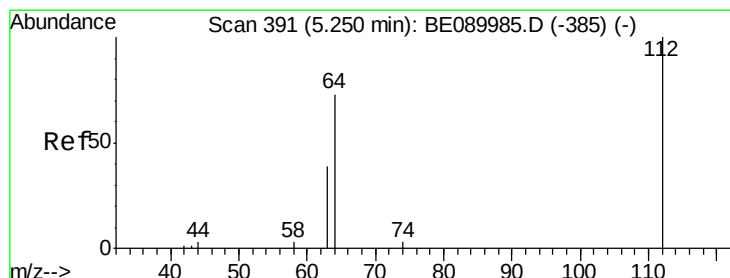
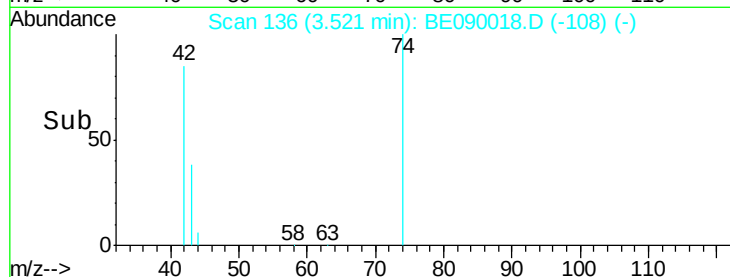
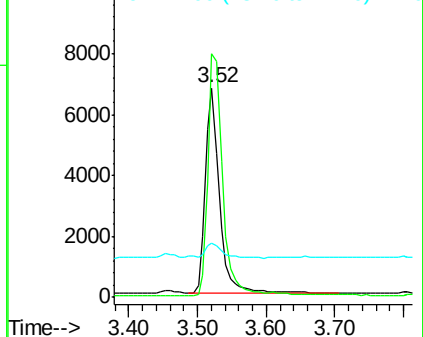
n-Nitrosodimethylamine
 Concen: 3.67 ng
 RT: 3.52 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BE090018.D
 Acq: 30 Jun 2015 19:43

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0650204-150626MS

Tgt Ion: 42 Resp: 9546
 Ion Ratio Lower Upper
 42 100
 74 123.2 89.4 134.2
 44 9.0 6.9 10.3



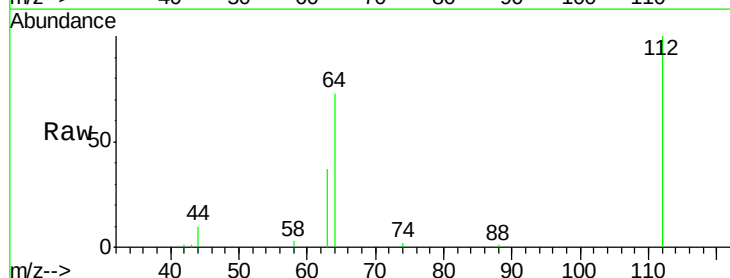
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



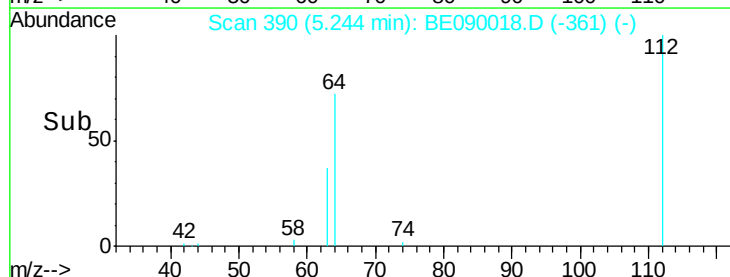
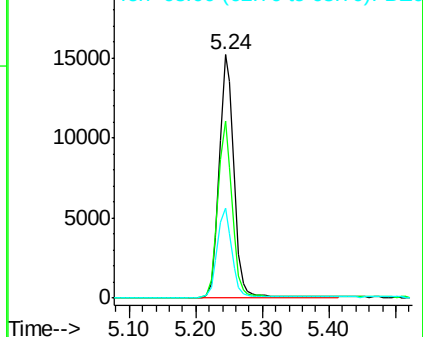
#4

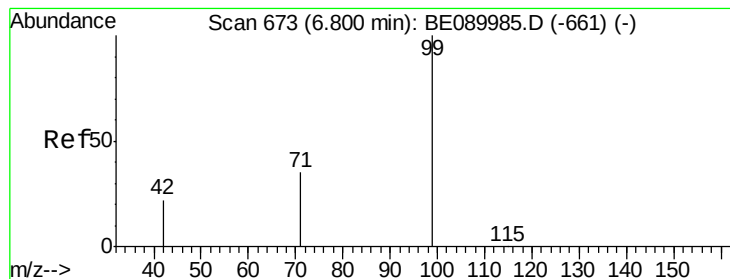
2-Fluorophenol
 Concen: 7.11 ng
 RT: 5.24 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BE090018.D
 Acq: 30 Jun 2015 19:43

Tgt Ion: 112 Resp: 22849
 Ion Ratio Lower Upper
 112 100
 64 70.8 56.3 84.5
 63 36.5 29.8 44.6



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: 7.65 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

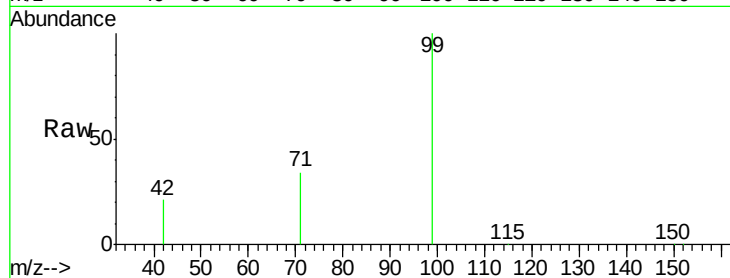
Tgt Ion: 99 Resp: 34398

Ion Ratio Lower Upper

99 100

42 21.1 18.7 28.1

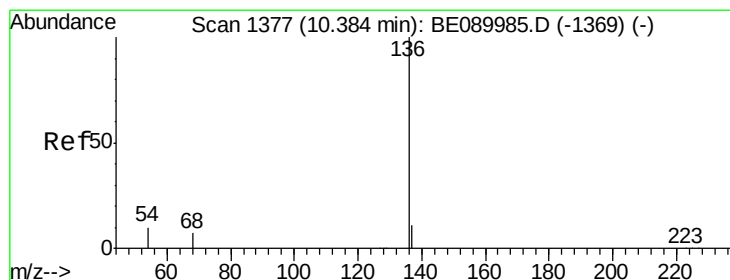
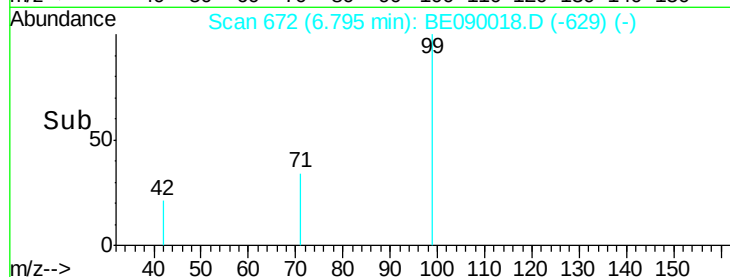
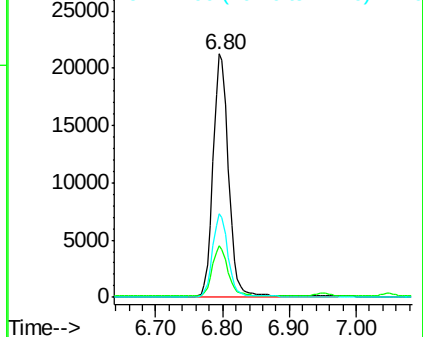
71 33.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Tgt Ion: 136 Resp: 61892

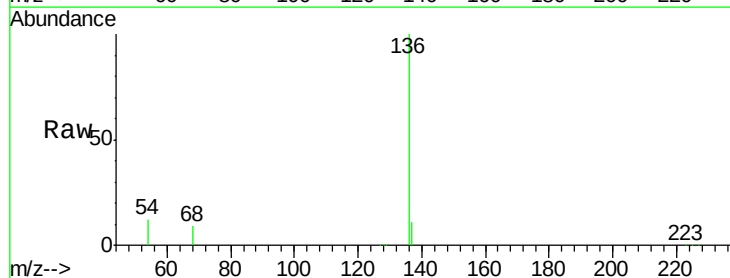
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 11.8 8.2 12.4

68 8.6 5.8 8.8

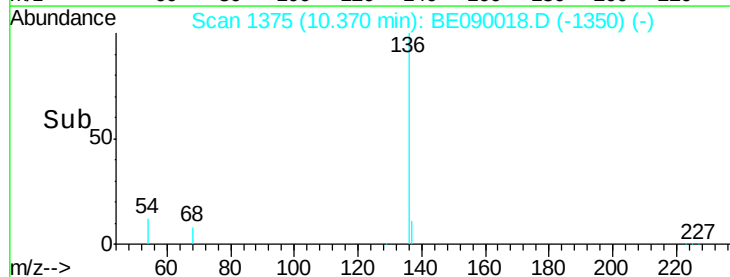
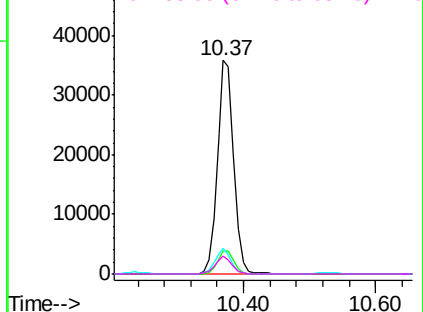


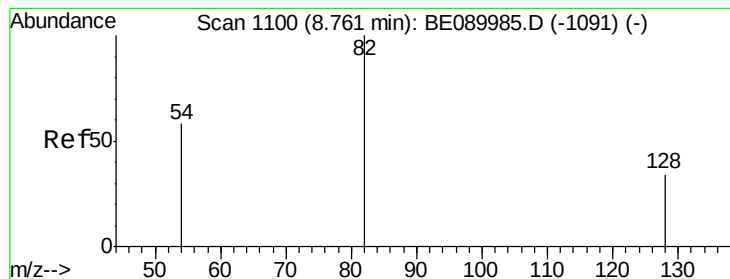
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 4.29 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

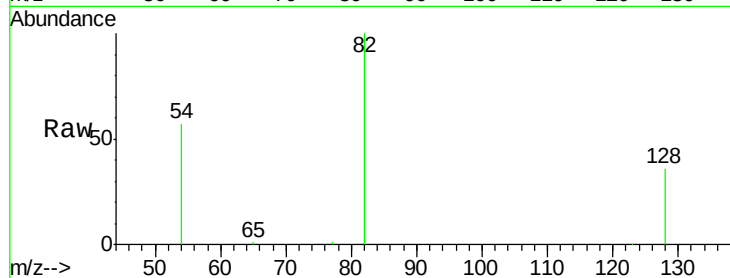
Tgt Ion: 82 Resp: 21102

Ion Ratio Lower Upper

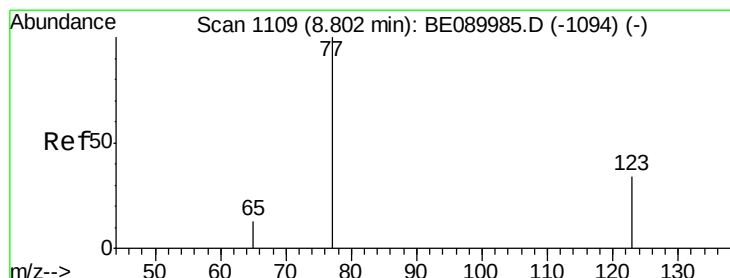
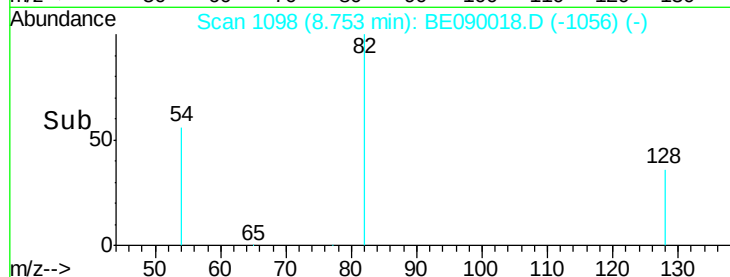
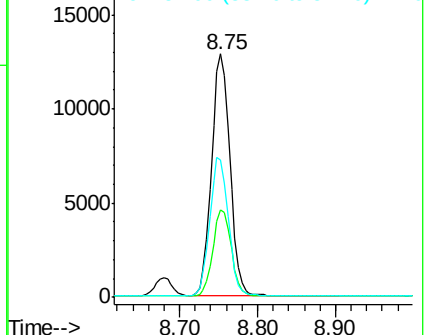
82 100

128 35.9 28.0 42.0

54 56.5 47.6 71.4



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: 4.26 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

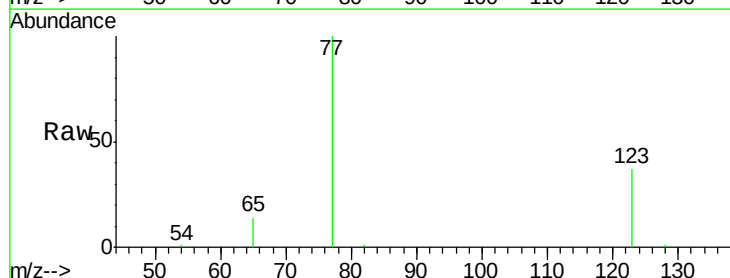
Tgt Ion: 77 Resp: 22190

Ion Ratio Lower Upper

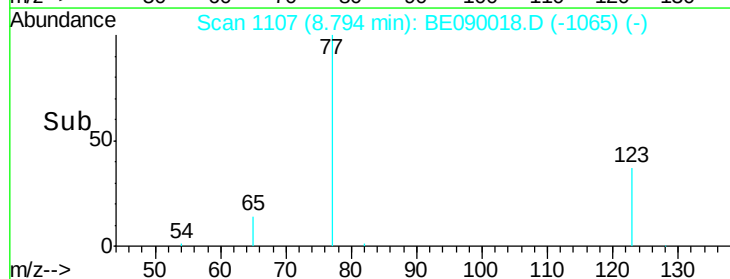
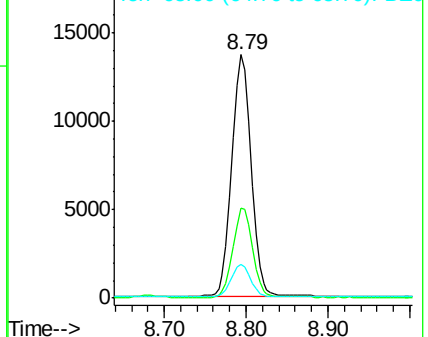
77 100

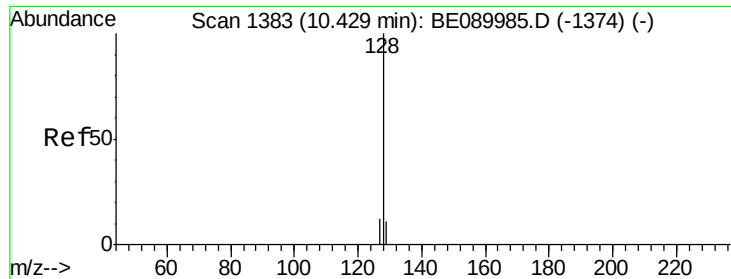
123 37.0 27.4 41.0

65 13.5 10.6 15.8



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: 4.02 ng

RT: 10.42 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

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ClientSampleId :

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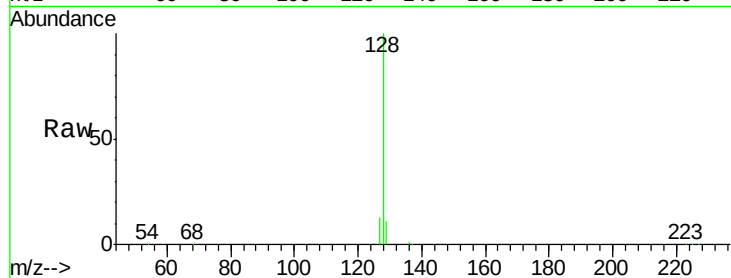
Tgt Ion:128 Resp: 56204

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

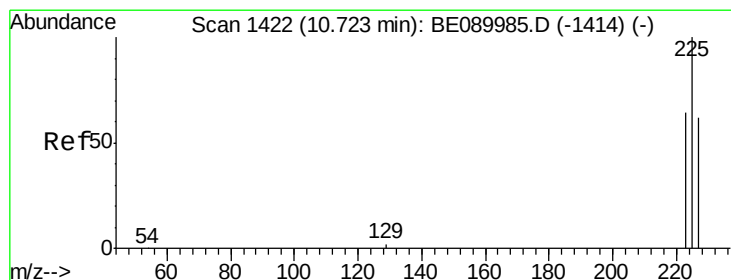
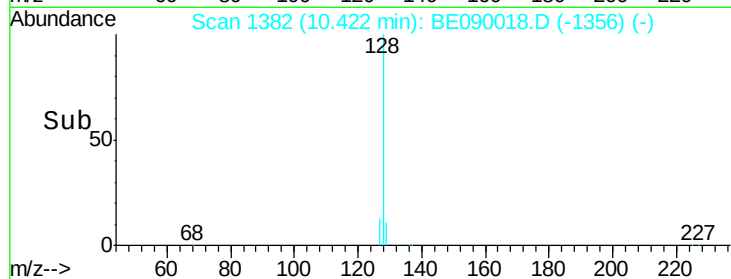
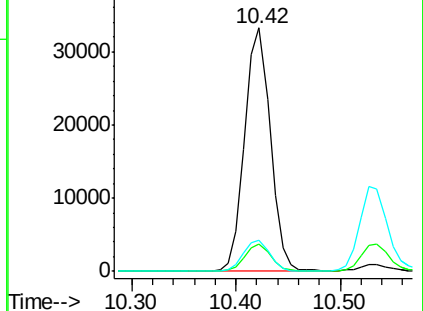
127 12.8 10.2 15.4



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: 4.02 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

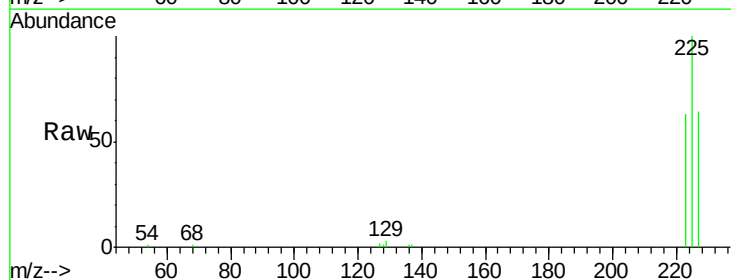
Tgt Ion:225 Resp: 8847

Ion Ratio Lower Upper

225 100

223 62.8 50.1 75.1

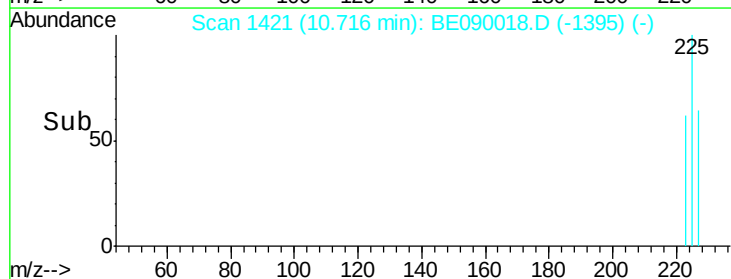
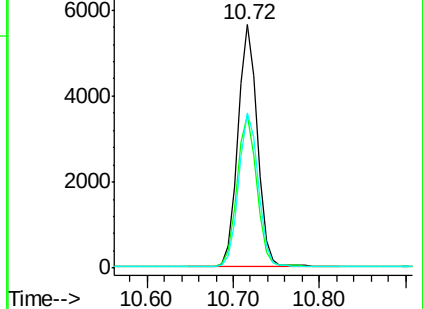
227 64.0 50.9 76.3

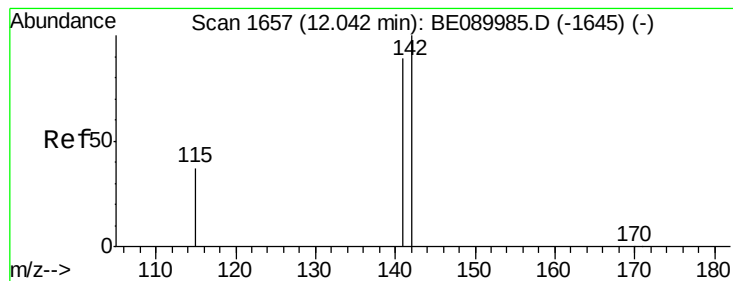


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.10 ng

RT: 12.04 min Scan# 1656

Delta R.T. -0.01 min

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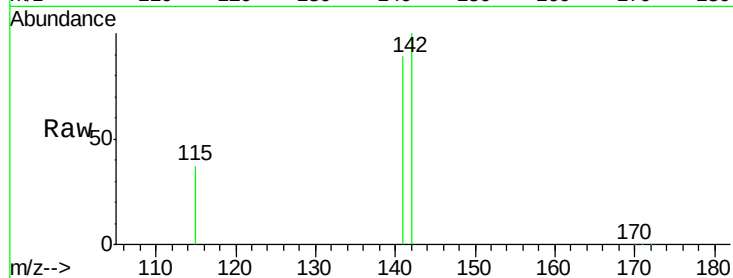
Tgt Ion:142 Resp: 38310

Ion Ratio Lower Upper

142 100

141 89.4 71.3 106.9

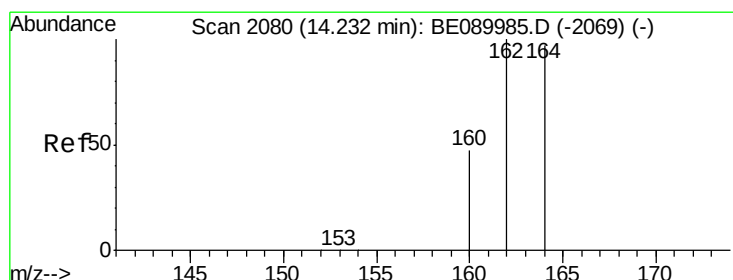
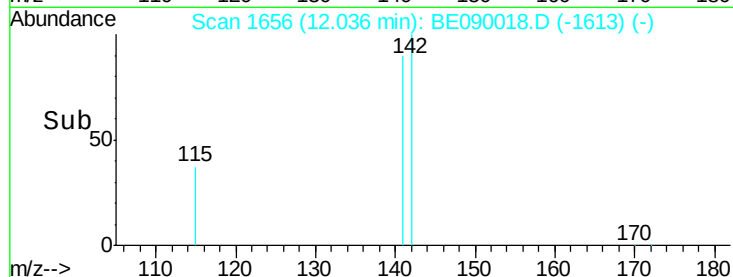
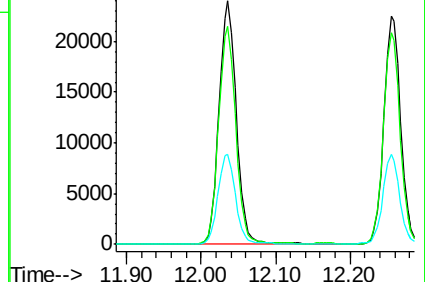
115 36.7 30.4 45.6



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: 14.23 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

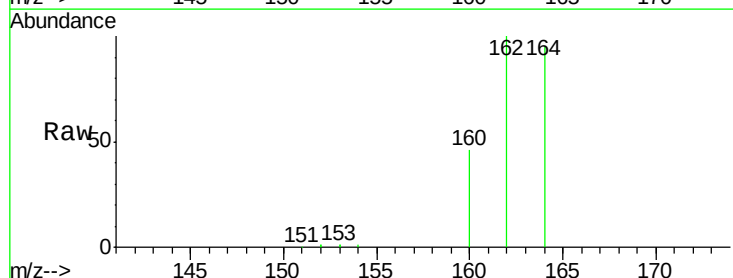
Tgt Ion:164 Resp: 34322

Ion Ratio Lower Upper

164 100

162 105.4 82.2 123.4

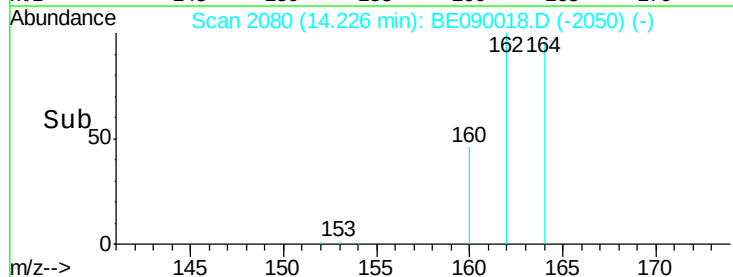
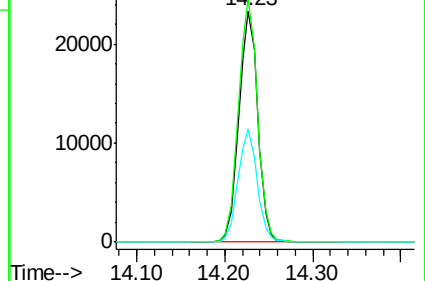
160 48.7 39.0 58.6

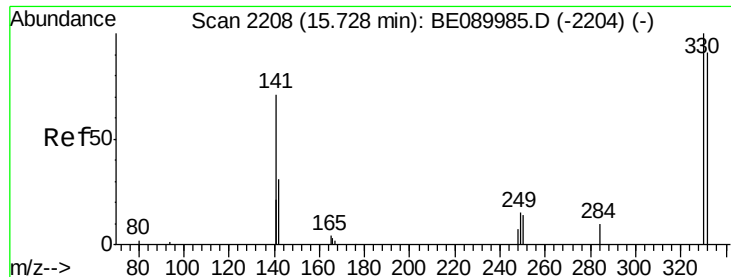


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

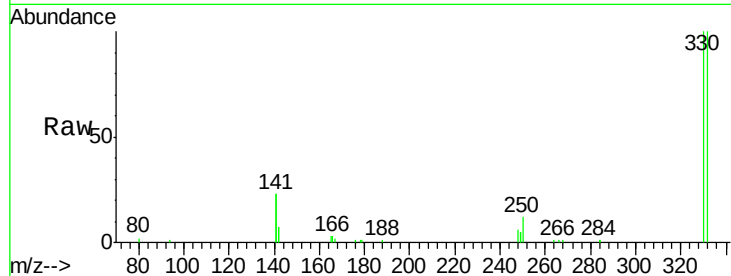




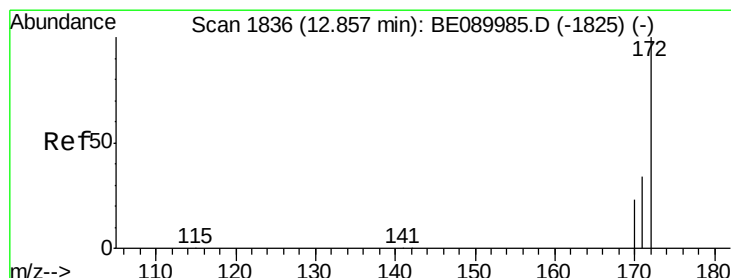
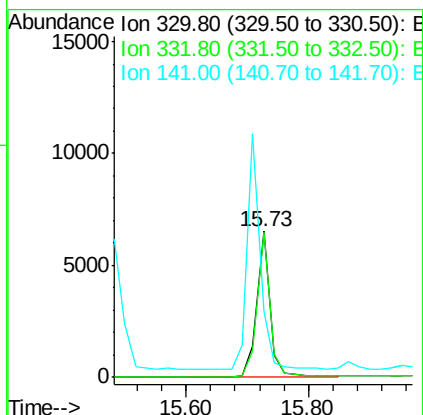
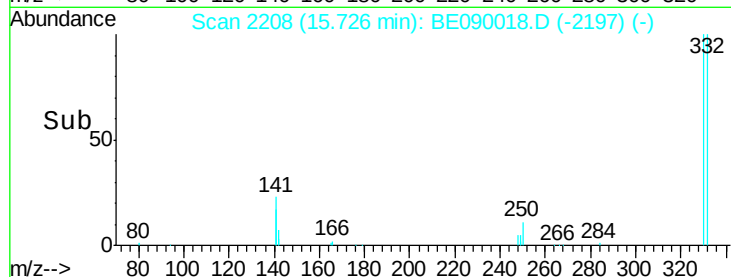
#13
 2,4,6-Tribromophenol
 Concen: 9.45 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE090018.D
 Acq: 30 Jun 2015 19:43

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0650204-150626MS

Tgt Ion: 330 Resp: 9501
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.4 114.6
 141 166.0 130.3 195.5

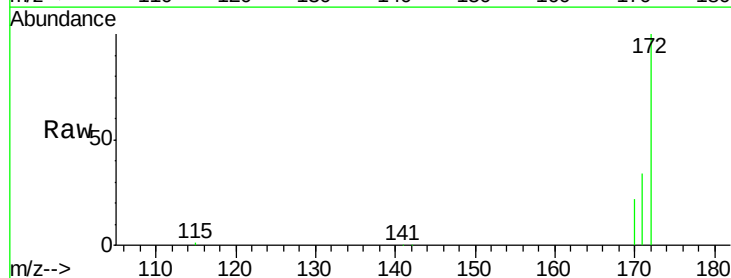


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

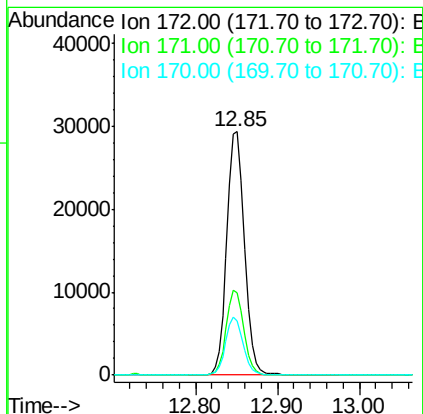
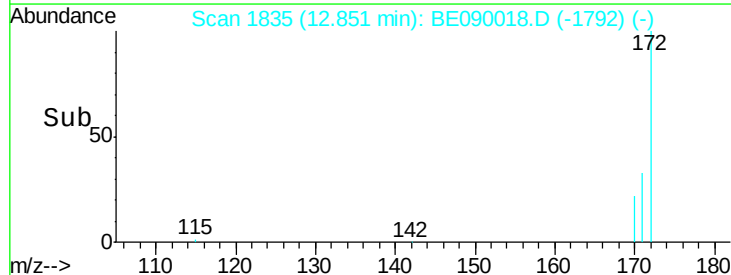


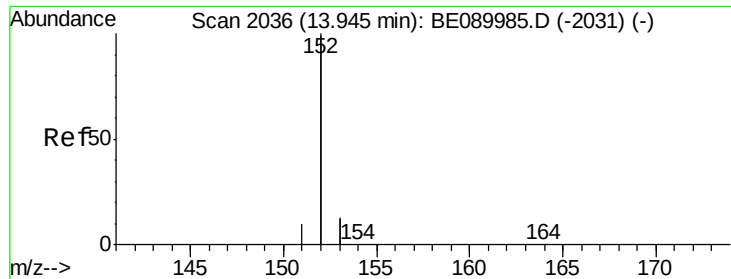
#14
 2-Fluorobiphenyl
 Concen: 4.23 ng
 RT: 12.85 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BE090018.D
 Acq: 30 Jun 2015 19:43

Tgt Ion: 172 Resp: 43658
 Ion Ratio Lower Upper
 172 100
 171 33.7 27.8 41.6
 170 22.4 18.3 27.5



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: 4.15 ng

RT: 13.94 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

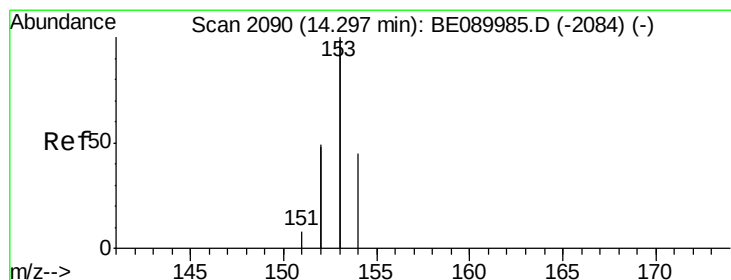
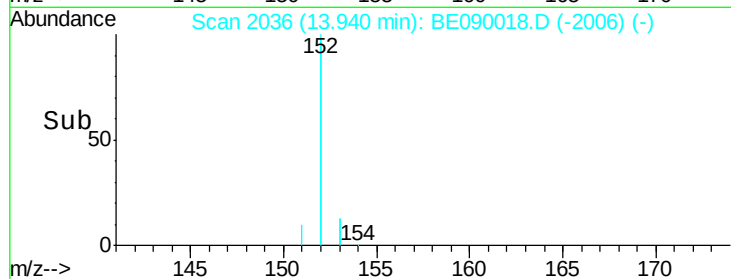
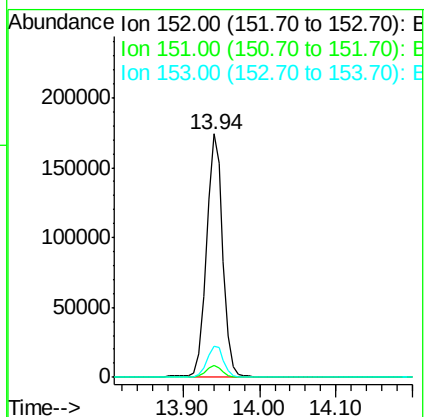
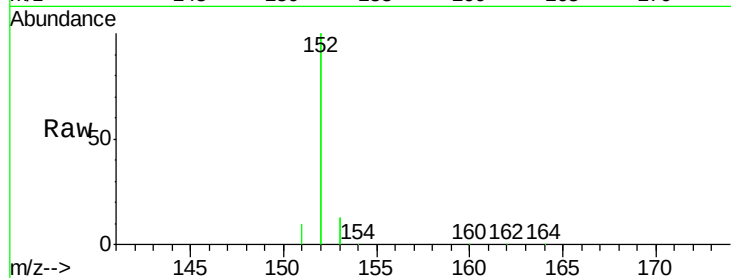
Tgt Ion:152 Resp: 257082

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.2 10.4 15.6



#16

Acenaphthene

Concen: 4.15 ng

RT: 14.29 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

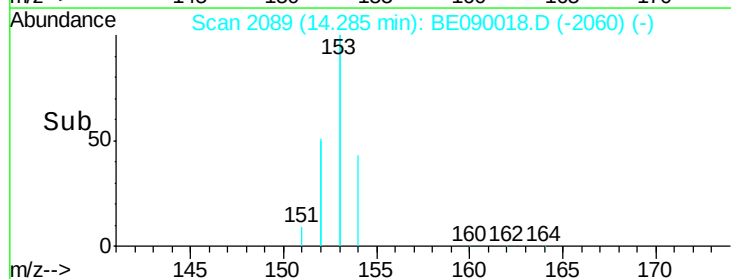
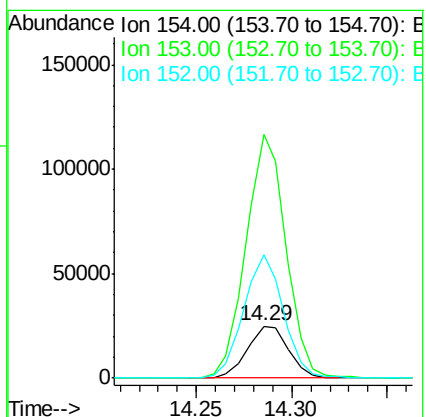
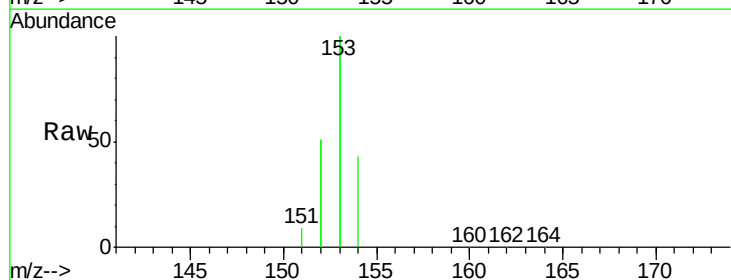
Tgt Ion:154 Resp: 37022

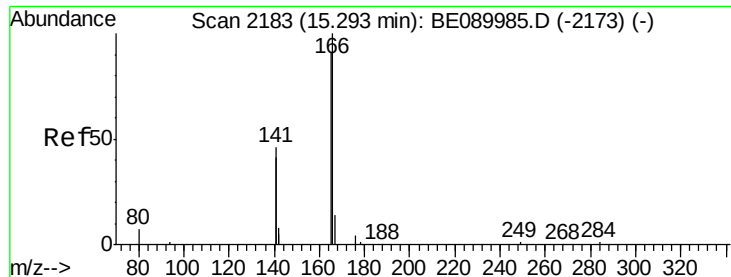
Ion Ratio Lower Upper

154 100

153 456.5 358.6 538.0

152 230.3 189.6 284.4

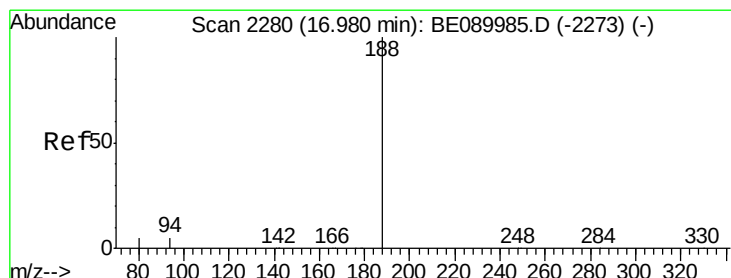
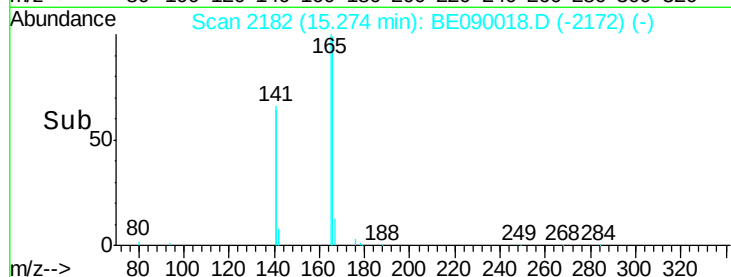
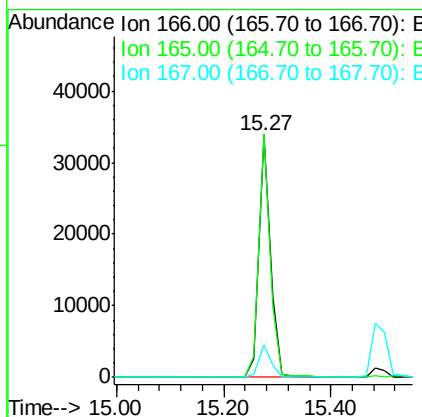
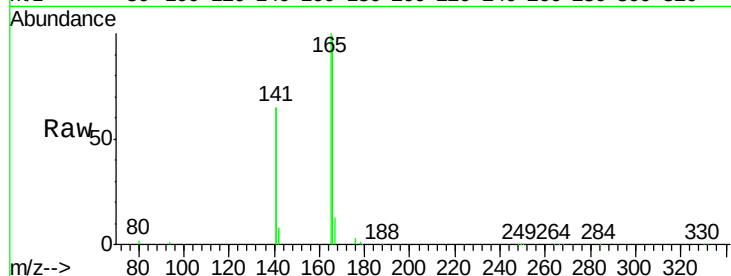




#17
Fluorene
 Concen: 4.13 ng
 RT: 15.27 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BE090018.D
 Acq: 30 Jun 2015 19:43

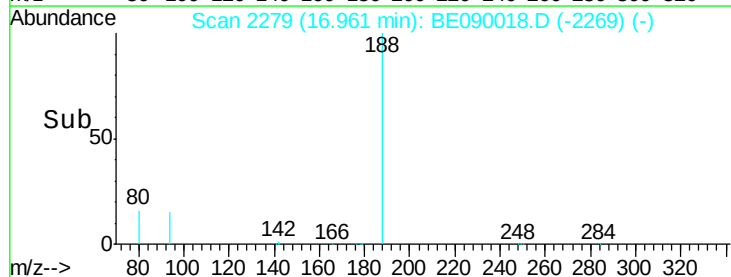
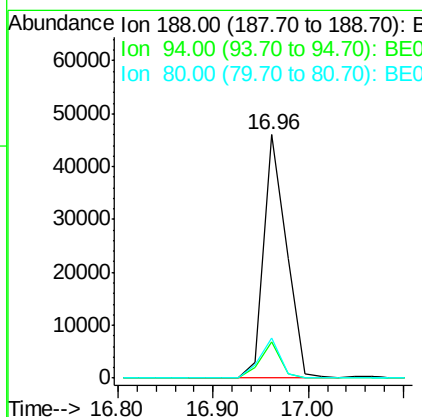
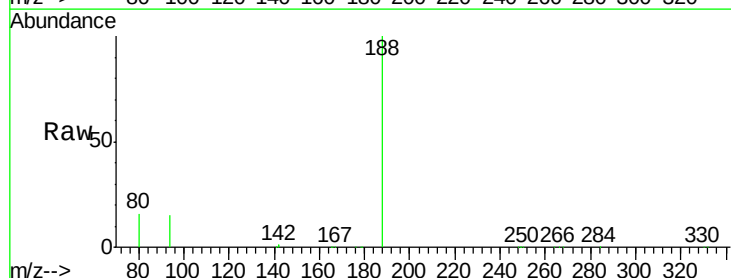
Instrument :
 BNA_E
 ClientSampleId :
 X1SB0650204-150626MS

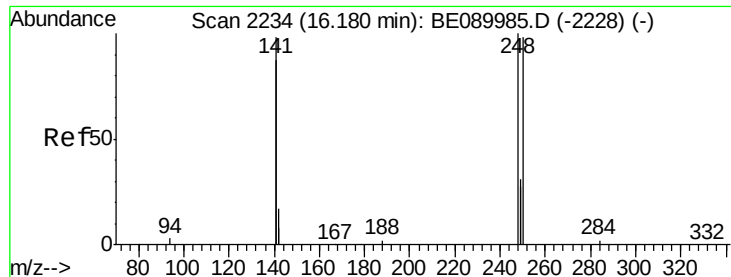
Tgt Ion:166 Resp: 50122
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.0 118.6
 167 13.9 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BE090018.D
 Acq: 30 Jun 2015 19:43

Tgt Ion:188 Resp: 75589
 Ion Ratio Lower Upper
 188 100
 94 14.8 4.1 6.1#
 80 16.5 4.2 6.2#





#19

4-Bromophenyl-phenylether

Concen: 4.42 ng

RT: 16.18 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

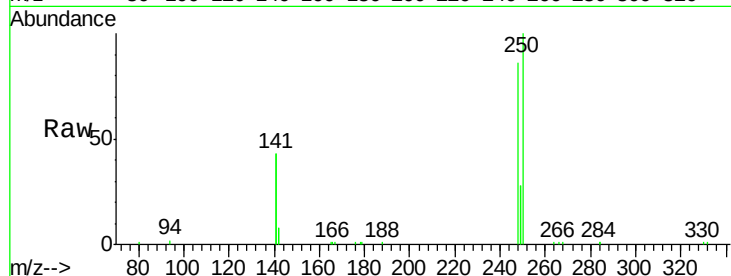
Tgt Ion:248 Resp: 14197

Ion Ratio Lower Upper

248 100

250 95.9 78.3 117.5

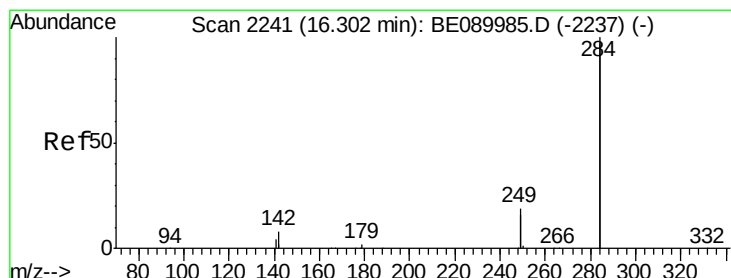
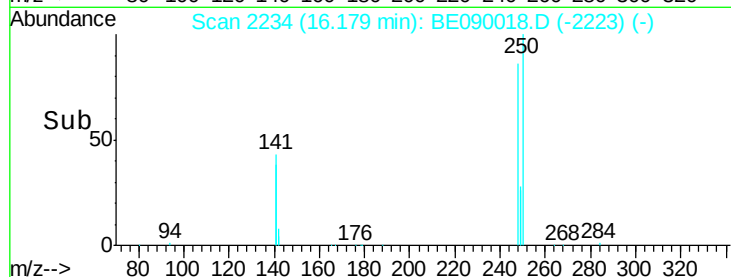
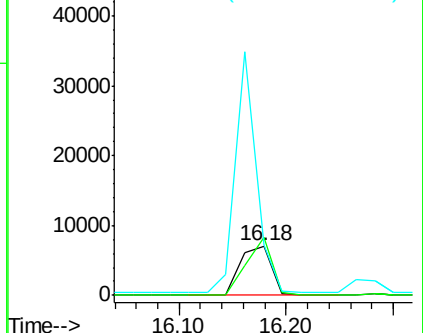
141 327.3 248.1 372.1



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: 4.26 ng

RT: 16.28 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

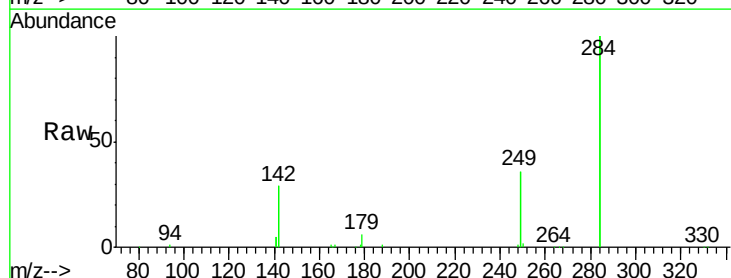
Tgt Ion:284 Resp: 56959

Ion Ratio Lower Upper

284 100

142 38.9 32.6 49.0

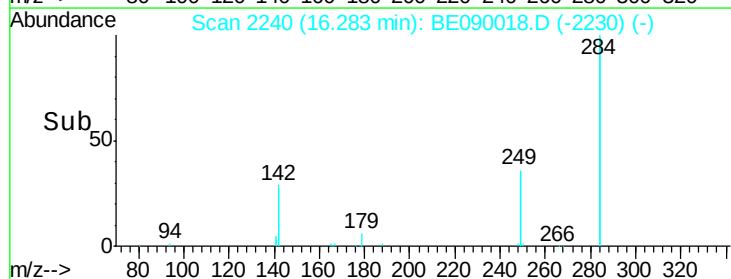
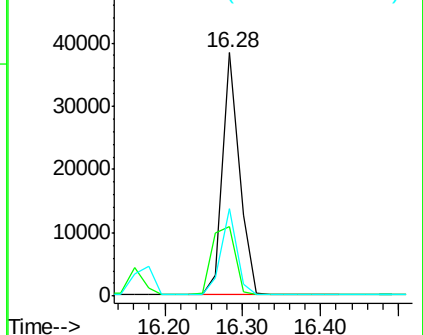
249 33.3 25.5 38.3

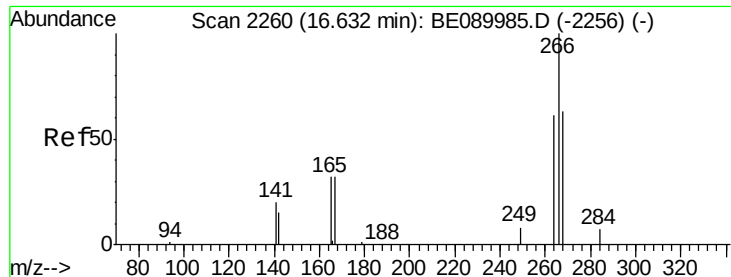


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 8.22 ng

RT: 16.63 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

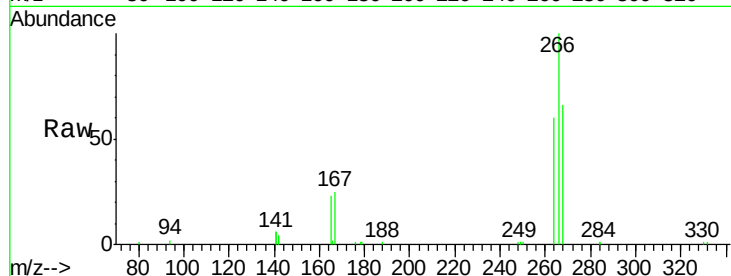
Tgt Ion:266 Resp: 14092

Ion Ratio Lower Upper

266 100

268 65.6 51.8 77.8

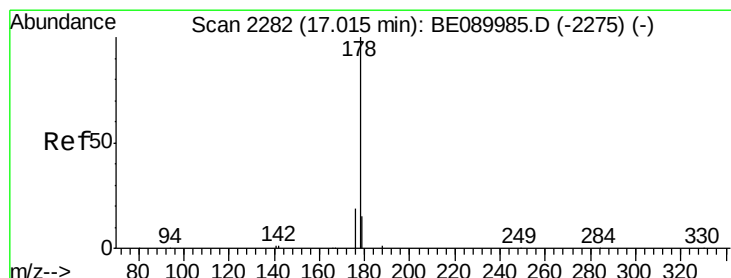
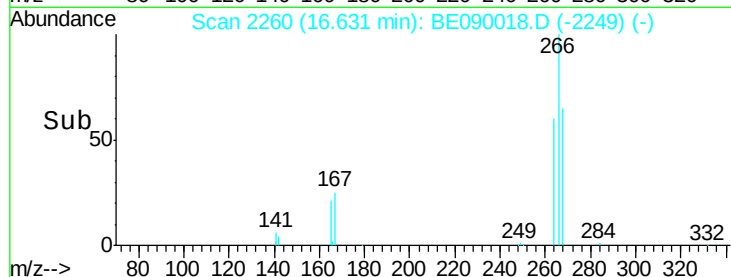
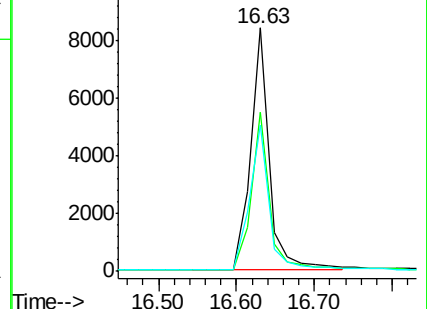
264 60.2 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 4.17 ng

RT: 17.01 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

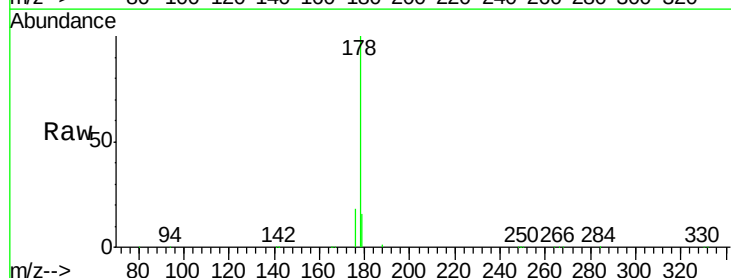
Tgt Ion:178 Resp: 80785

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

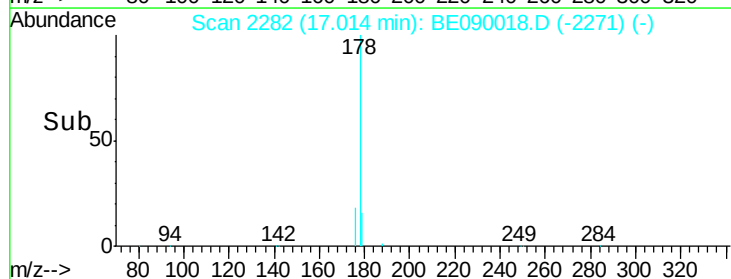
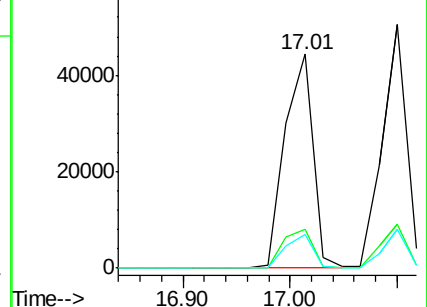
179 15.5 12.4 18.6

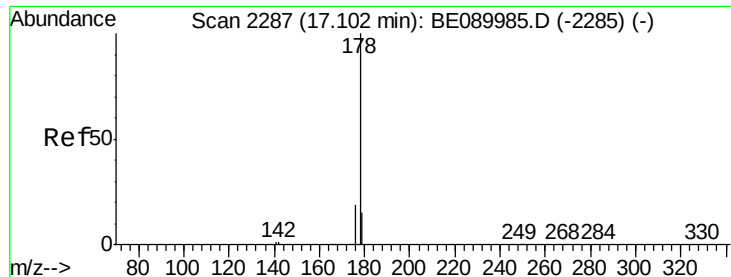


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 4.50 ng

RT: 17.10 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

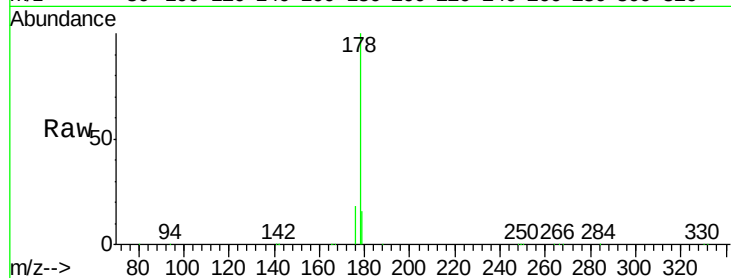
Tgt Ion:178 Resp: 79729

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

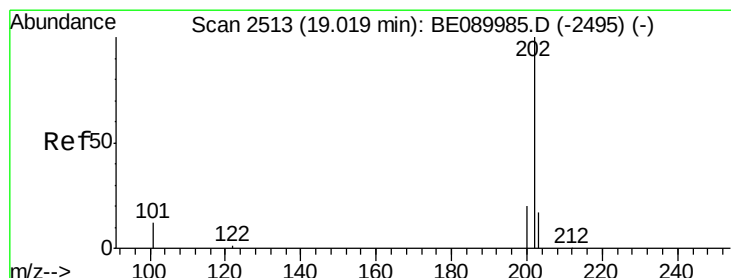
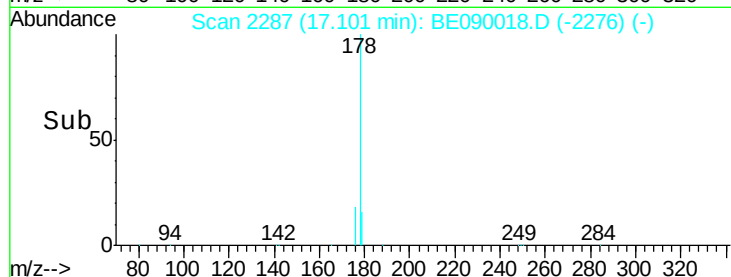
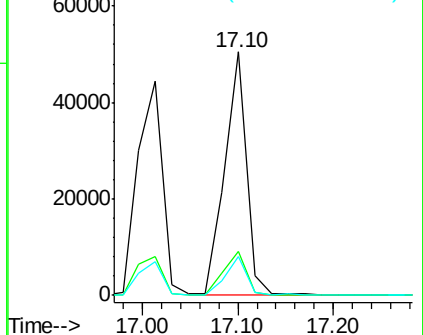
179 15.9 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 4.46 ng

RT: 19.01 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

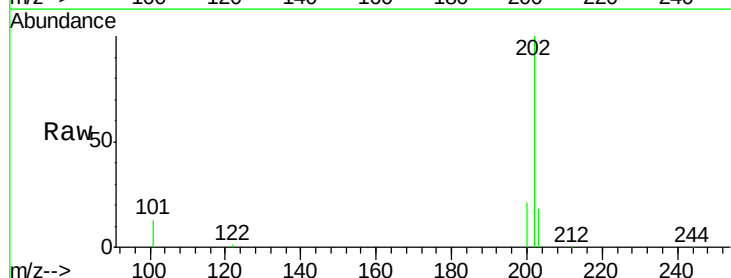
Tgt Ion:202 Resp: 96550

Ion Ratio Lower Upper

202 100

101 13.5 10.6 15.8

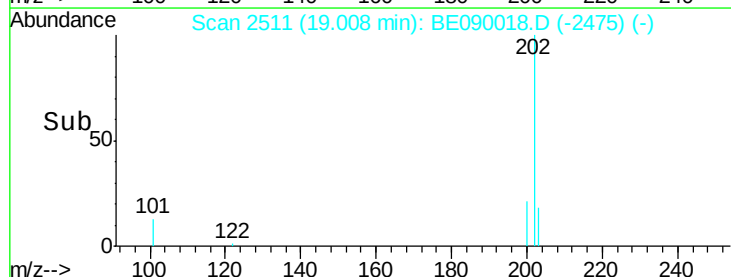
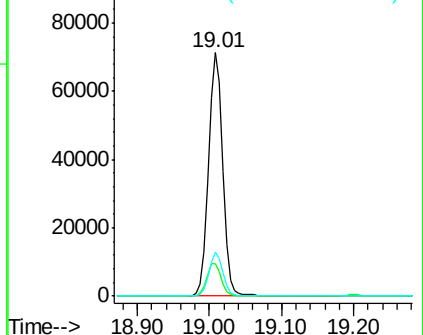
203 17.3 13.8 20.6

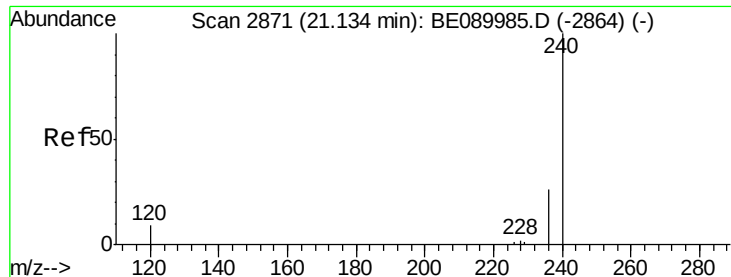


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

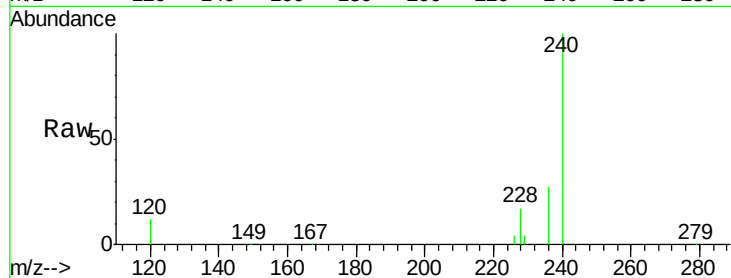
Tgt Ion:240 Resp: 98663

Ion Ratio Lower Upper

240 100

120 11.7 6.9 10.3#

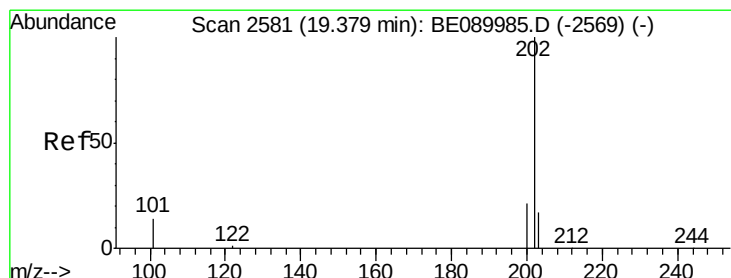
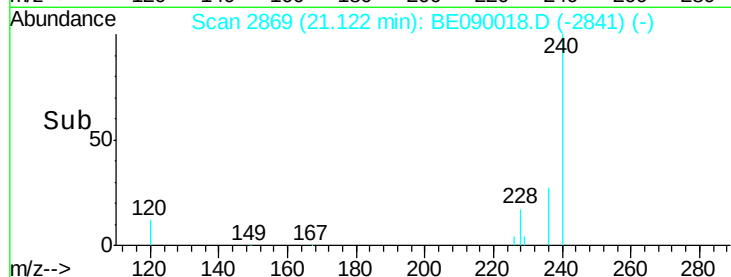
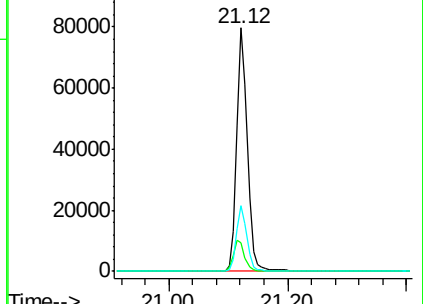
236 27.1 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 4.37 ng

RT: 19.37 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

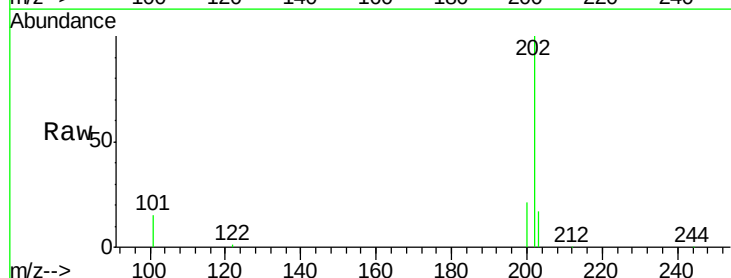
Tgt Ion:202 Resp: 102839

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

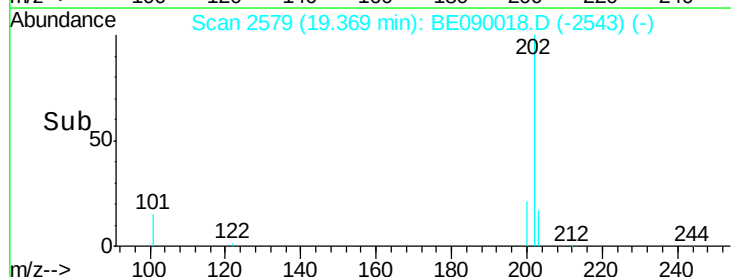
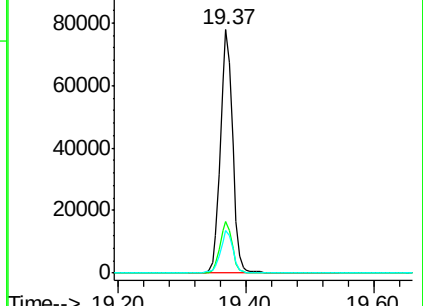
203 17.9 13.9 20.9

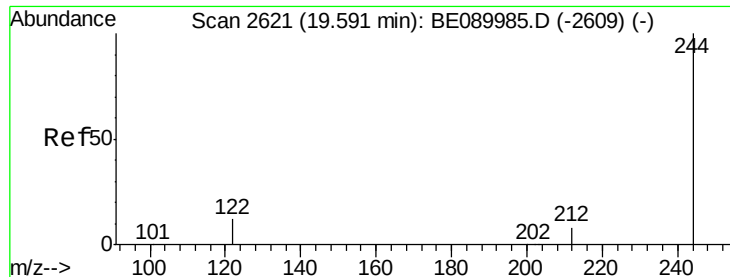


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

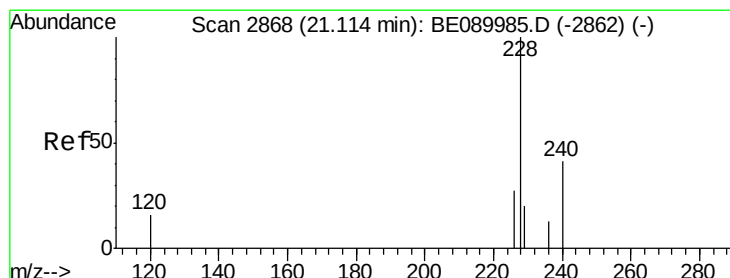
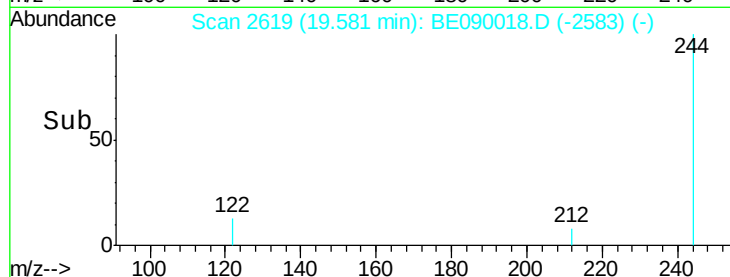
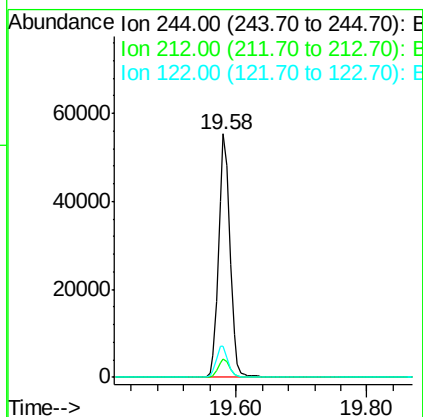
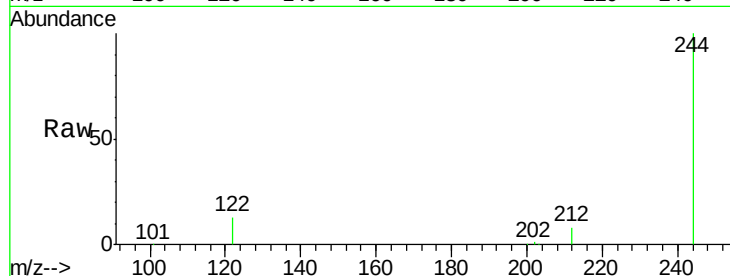




#27
 Terphenyl-d14
 Concen: 4.05 ng
 RT: 19.58 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BE090018.D
 Acq: 30 Jun 2015 19:43

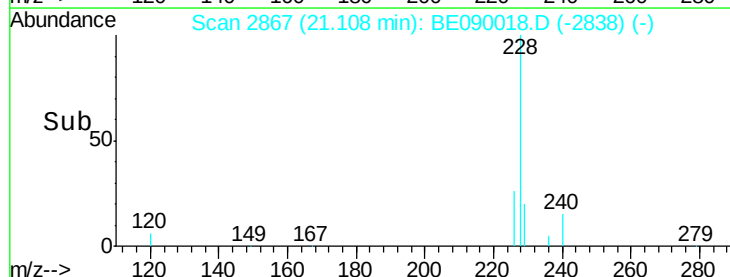
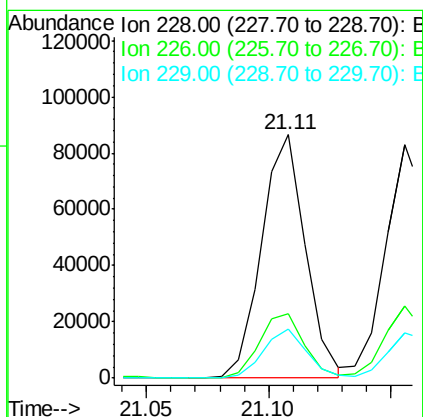
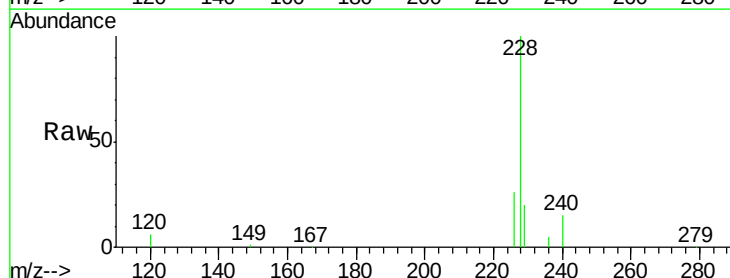
Instrument :
 BNA_E
 ClientSampleId :
 X1SB0650204-150626MS

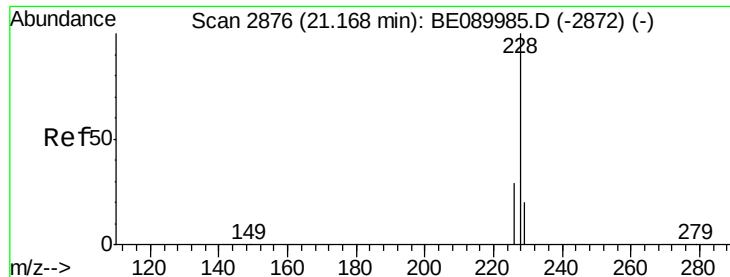
Tgt Ion:244 Resp: 66555
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 12.9 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 4.36 ng
 RT: 21.11 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BE090018.D
 Acq: 30 Jun 2015 19:43

Tgt Ion:228 Resp: 107391
 Ion Ratio Lower Upper
 228 100
 226 26.4 21.8 32.6
 229 19.9 15.8 23.6





#29

Chrysene

Concen: 4.22 ng

RT: 21.16 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

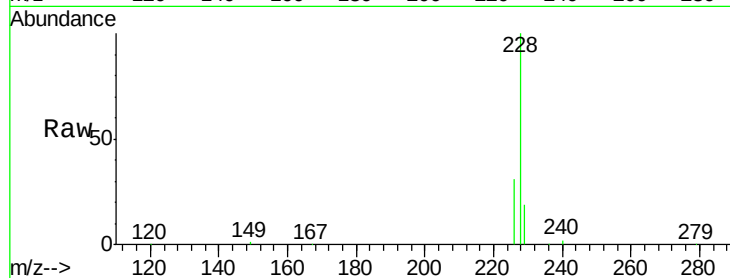
Tgt Ion:228 Resp: 107946

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.0

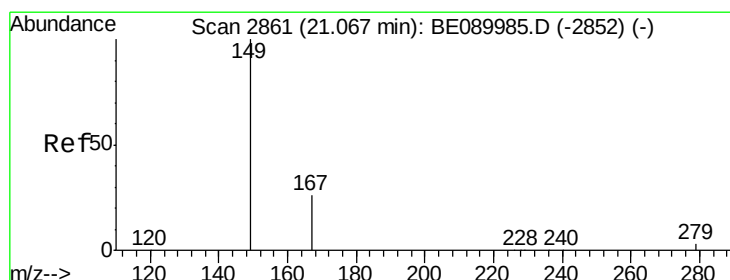
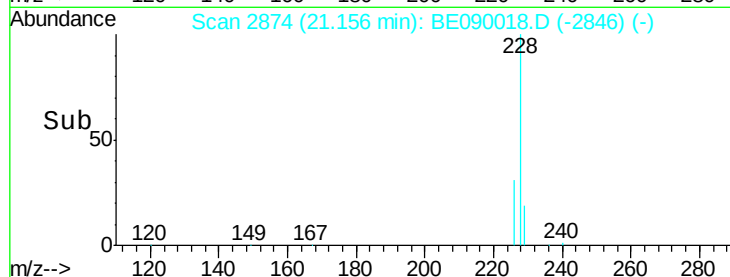
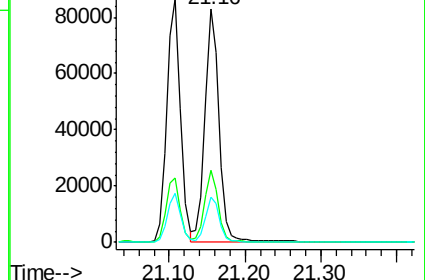
229 19.4 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 5.91 ng

RT: 21.05 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

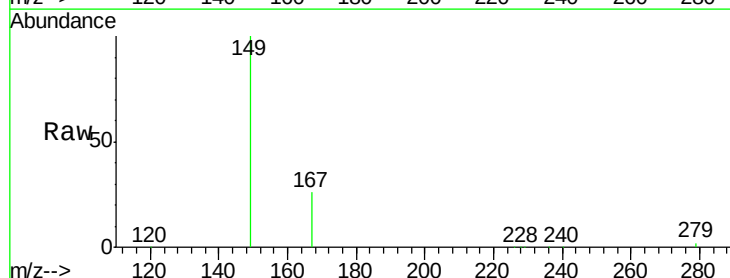
Tgt Ion:149 Resp: 67640

Ion Ratio Lower Upper

149 100

167 26.1 20.3 30.5

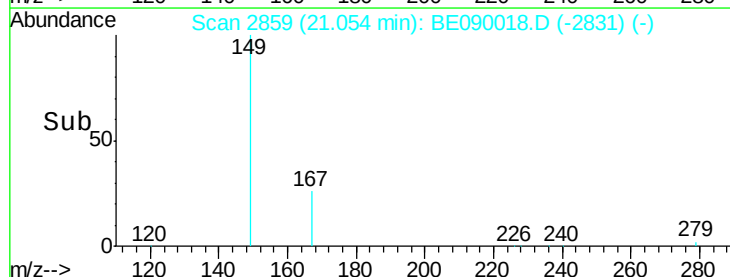
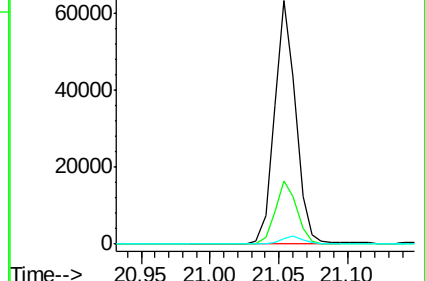
279 3.0 2.6 3.8

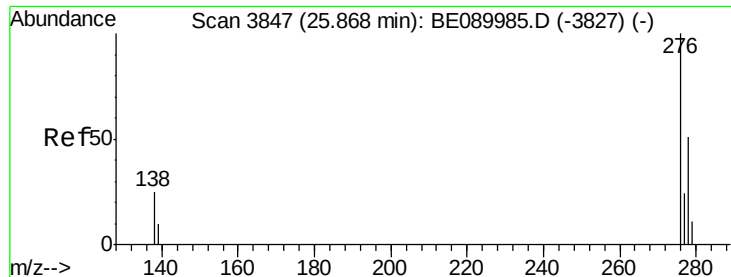


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.95 ng

RT: 25.85 min Scan# 3842

Delta R.T. -0.02 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

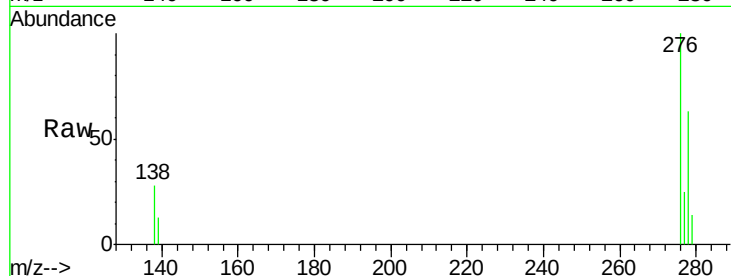
Tgt Ion:276 Resp: 121317

Ion Ratio Lower Upper

276 100

138 28.9 21.3 31.9

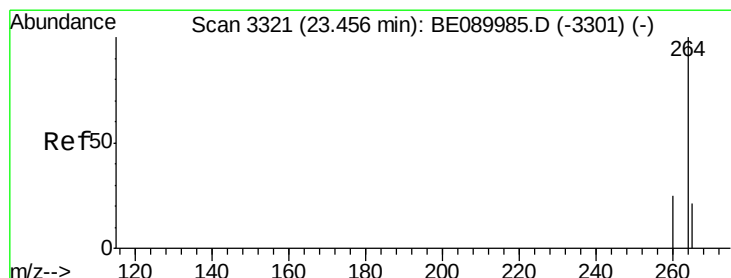
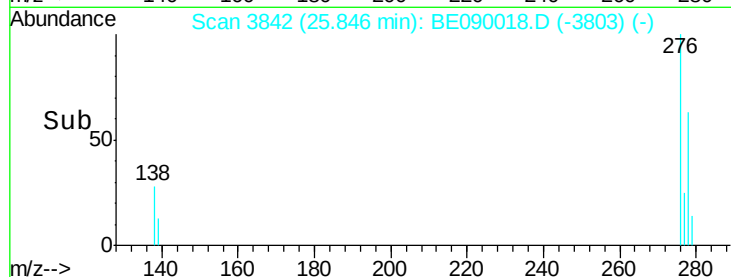
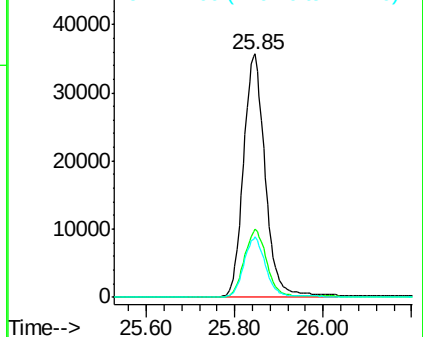
277 25.0 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.44 min Scan# 3318

Delta R.T. -0.01 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

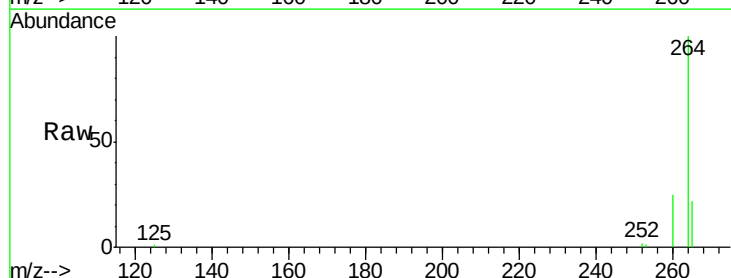
Tgt Ion:264 Resp: 97236

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.2

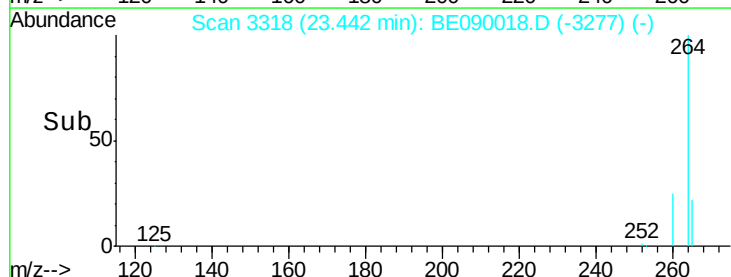
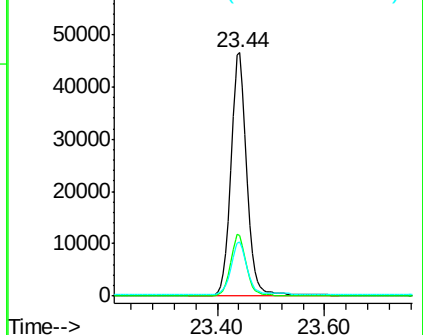
265 22.5 17.1 25.7

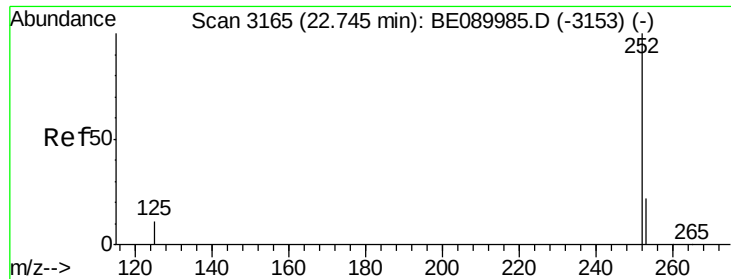


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

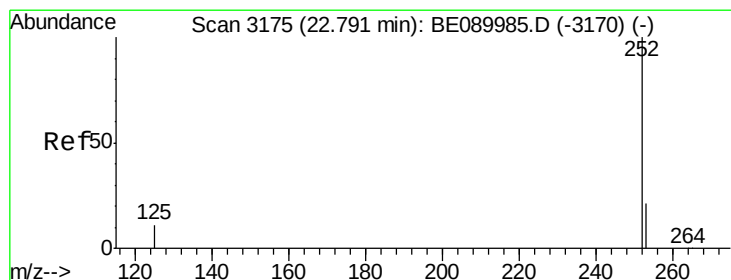
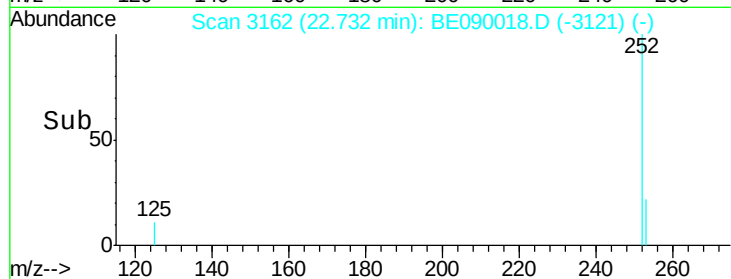
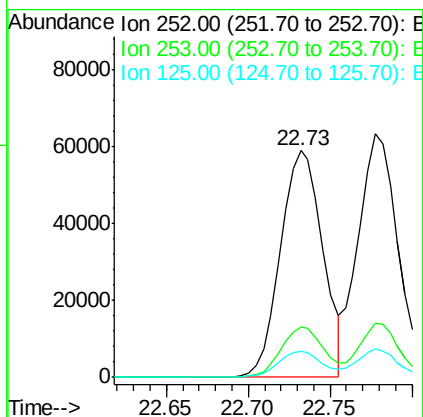
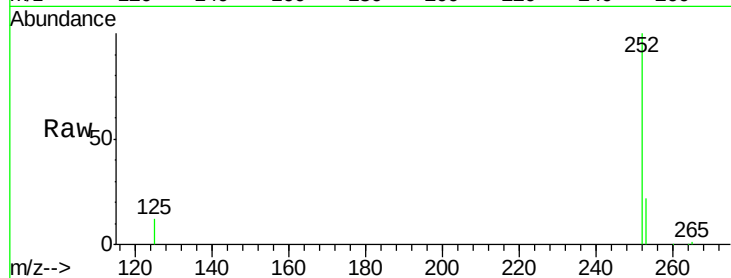




#33
Benzo(b)fluoranthene
Concen: 4.93 ng
RT: 22.73 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BE090018.D
Acq: 30 Jun 2015 19:43

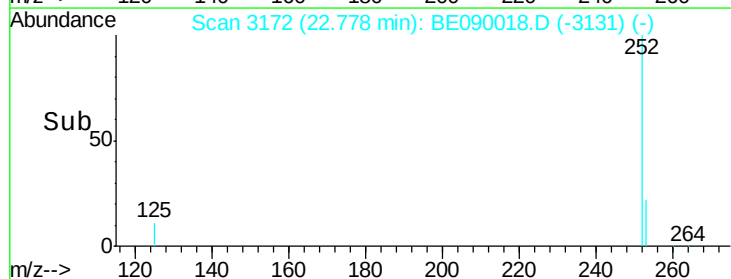
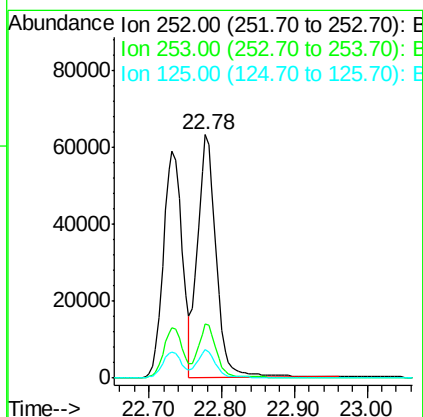
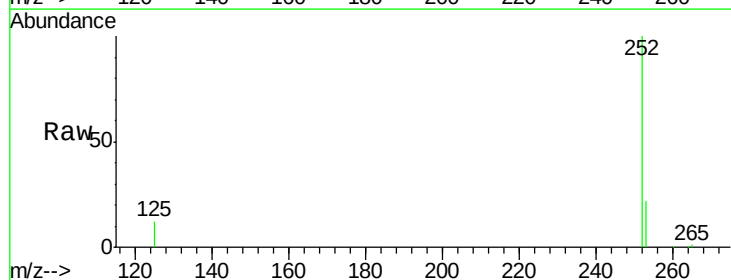
Instrument :
BNA_E
ClientSampleId :
X1SB0650204-150626MS

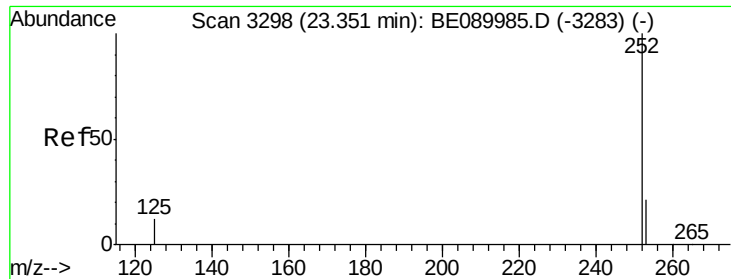
Tgt Ion: 252 Resp: 105691
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.6 9.0 13.4



#34
Benzo(k)fluoranthene
Concen: 4.63 ng
RT: 22.78 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BE090018.D
Acq: 30 Jun 2015 19:43

Tgt Ion: 252 Resp: 110932
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.6 9.5 14.3





#35

Benzo(a)pyrene

Concen: 5.23 ng

RT: 23.33 min Scan# 3294

Delta R.T. -0.02 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS

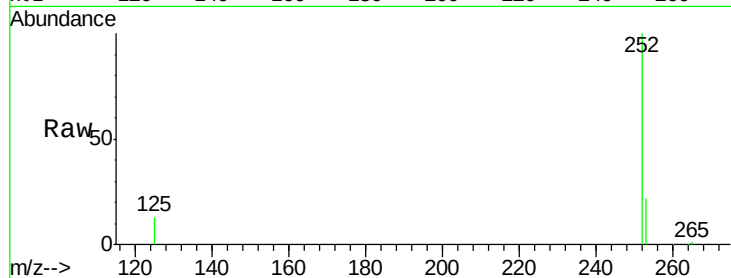
Tgt Ion: 252 Resp: 103518

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

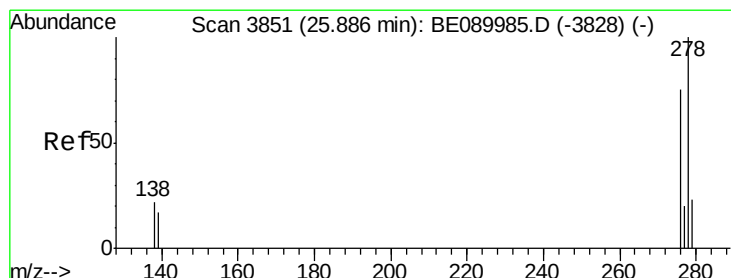
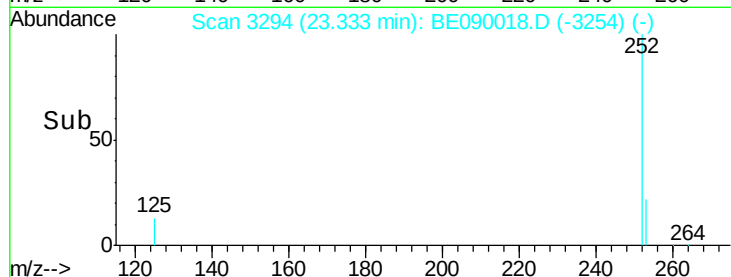
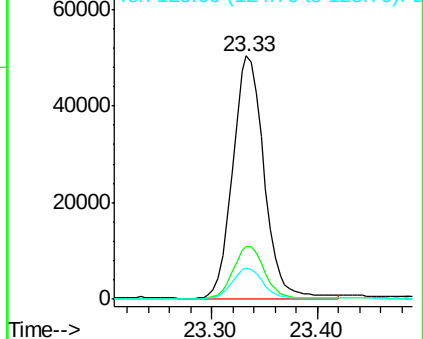
125 12.8 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 4.91 ng

RT: 25.86 min Scan# 3845

Delta R.T. -0.03 min

Lab File: BE090018.D

Acq: 30 Jun 2015 19:43

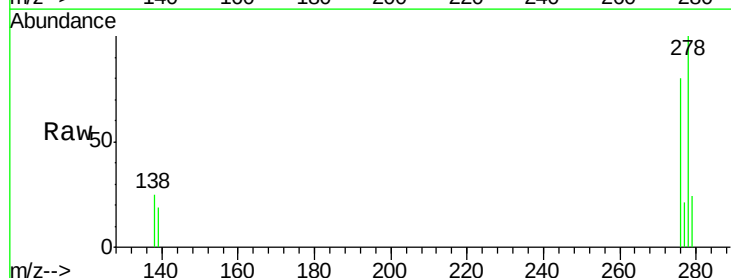
Tgt Ion: 278 Resp: 99758

Ion Ratio Lower Upper

278 100

139 19.3 14.4 21.6

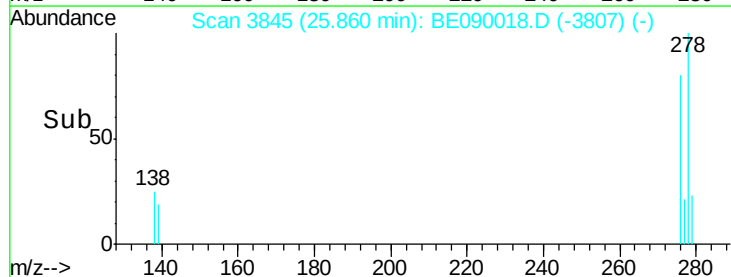
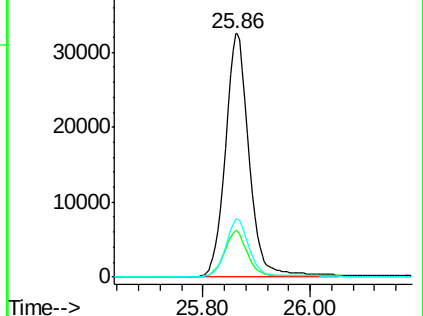
279 23.6 19.0 28.6

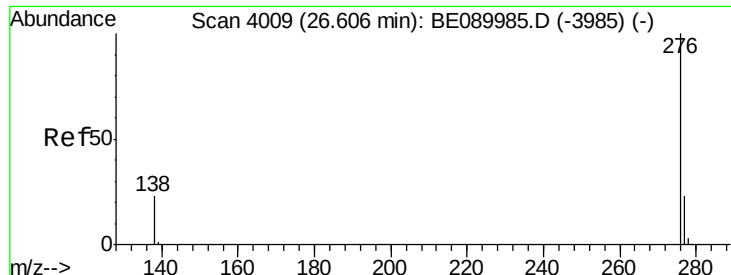


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 4.93 ng

RT: 26.58 min Scan# 4003

Delta R.T. -0.03 min

Lab File: BE090018.D

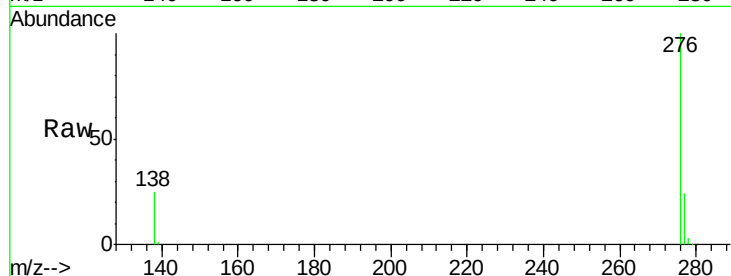
Acq: 30 Jun 2015 19:43

Instrument :

BNA_E

ClientSampleId :

X1SB0650204-150626MS



Tgt Ion: 276 Resp: 101532

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 25.3 18.6 27.8

