

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090462.D
 Acq On : 12 Aug 2015 11:51
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 01:04:16 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

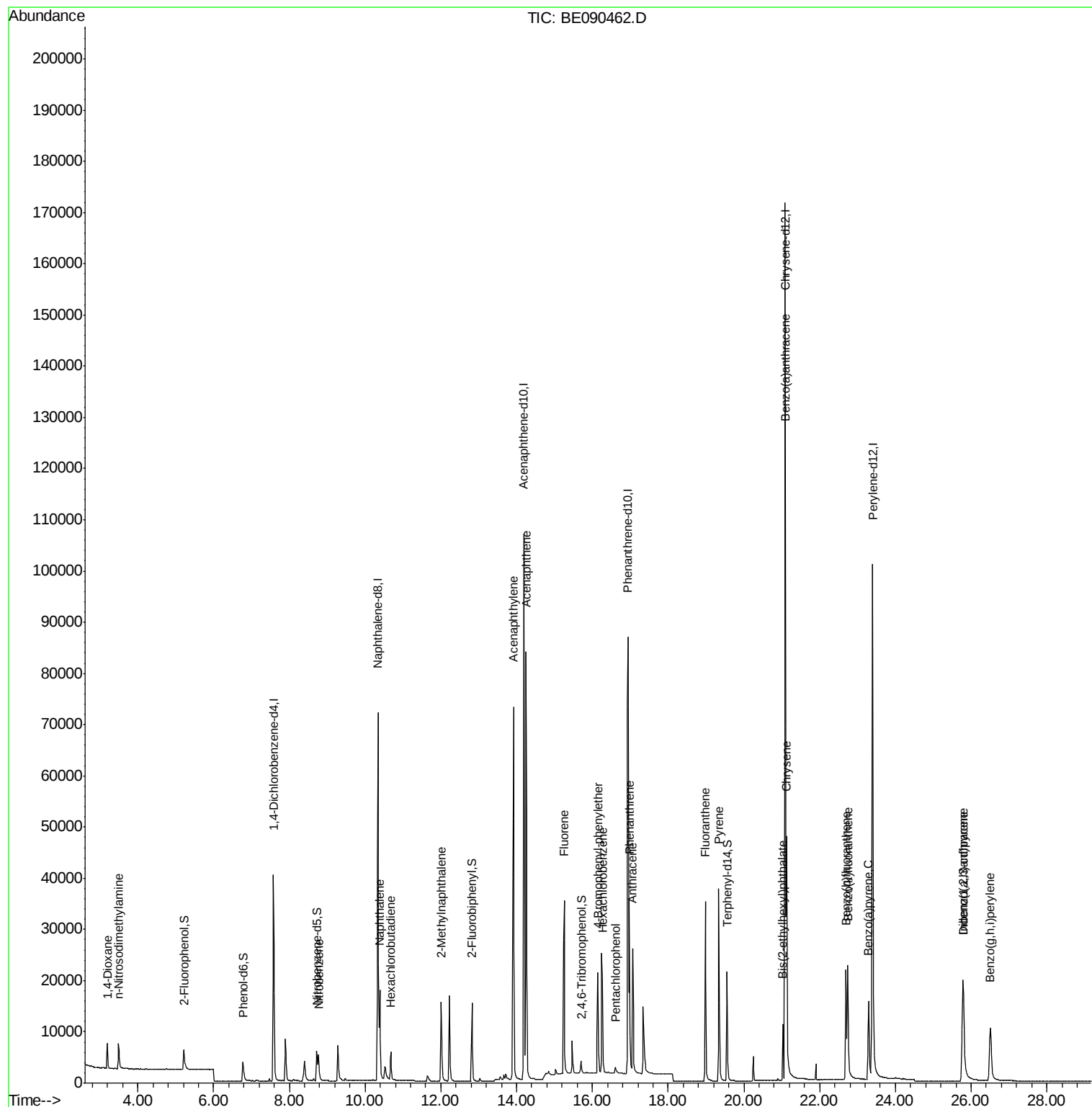
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22082	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	103475	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61655	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	142583	5.00	ng	0.00
25) Chrysene-d12	21.09	240	162594	5.00	ng	0.00
32) Perylene-d12	23.40	264	143404	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4529	1.37	ng	0.00
5) Phenol-d6	6.77	99	7052	1.20	ng	0.00
7) Nitrobenzene-d5	8.73	82	7324	1.04	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1450	1.35	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	17346	1.02	ng	0.00
27) Terphenyl-d14	19.55	244	25770	1.08	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	2903	1.00	ng	98
3) n-Nitrosodimethylamine	3.49	42	3555	1.04	ng	88
8) Nitrobenzene	8.77	77	7507	1.01	ng	98
9) Naphthalene	10.38	128	23291	1.02	ng	98
10) Hexachlorobutadiene	10.68	225	3956	1.09	ng	99
11) 2-Methylnaphthalene	12.01	142	14019	1.06	ng	97
15) Acenaphthylene	13.91	152	101137	1.01	ng	100
16) Acenaphthene	14.26	154	15366	0.99	ng	94
17) Fluorene	15.26	166	20369	1.01	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	5587	1.01	ng	99
20) Hexachlorobenzene	16.27	284	26607	0.93	ng	99
21) Pentachlorophenol	16.61	266	1177	1.21	ng	97
22) Phenanthrene	16.98	178	36109	1.01	ng	100
23) Anthracene	17.07	178	31526	1.08	ng	100
24) Fluoranthene	18.98	202	36363	1.04	ng	100
26) Pyrene	19.34	202	37871	1.07	ng	100
28) Benzo(a)anthracene	21.08	228	37544	1.04	ng	99
29) Chrysene	21.13	228	42358	0.97	ng	100
30) Bis(2-ethylhexyl)phthalate	21.03	149	9072	1.08	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	32456	1.04	ng	95
33) Benzo(b)fluoranthene	22.70	252	29472	1.07	ng	99
34) Benzo(k)fluoranthene	22.74	252	35977	0.90	ng	99
35) Benzo(a)pyrene	23.29	252	25974	1.04	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	24728	1.06	ng	98
37) Benzo(g,h,i)perylene	26.51	276	27447	1.04	ng	98

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

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 13 01:04:16 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



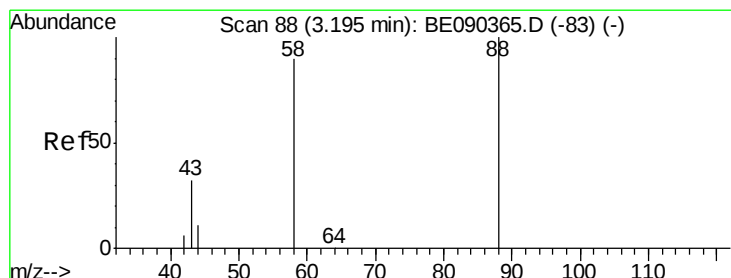
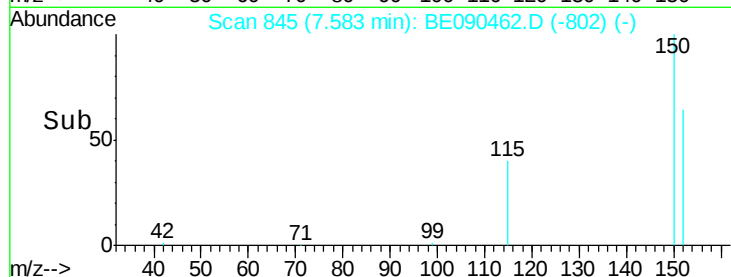
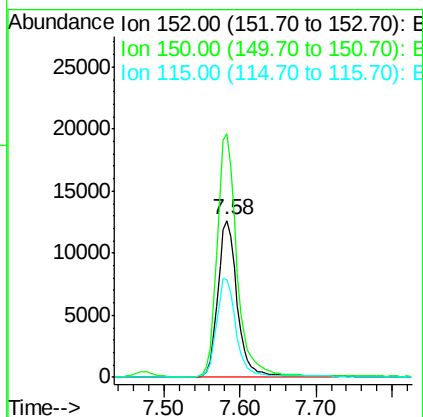
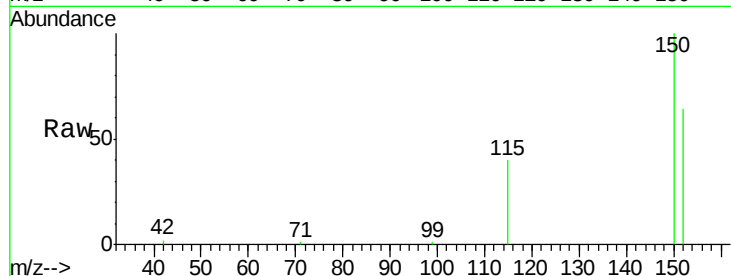


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampled :

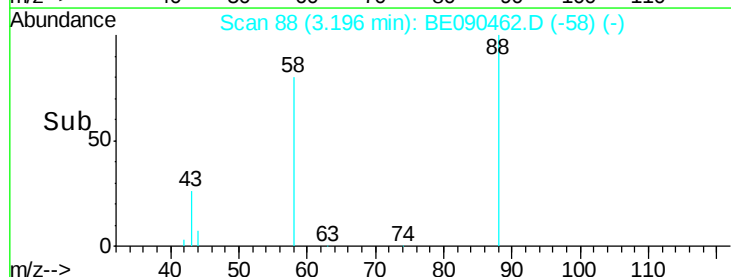
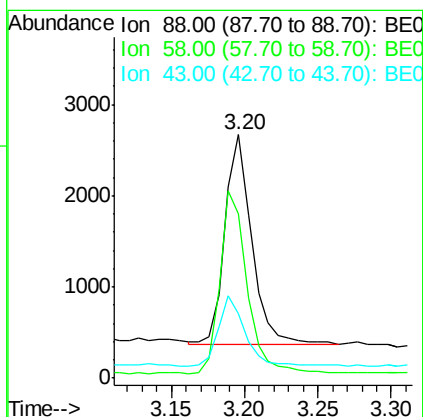
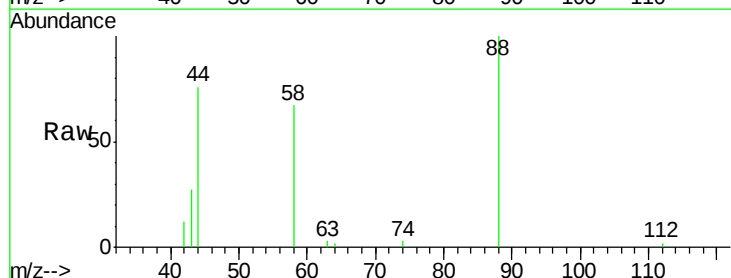
Tot Ion:152 Resp: 22082
Ion Ratio Lower Upper
152 100
150 155.3 123.0 184.4
115 62.0 48.9 73.3



#2

1,4-Dioxane
Concen: 1.00 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion: 88 Resp: 2903
Ion Ratio Lower Upper
88 100
58 88.4 70.0 105.0
43 33.1 28.4 42.6



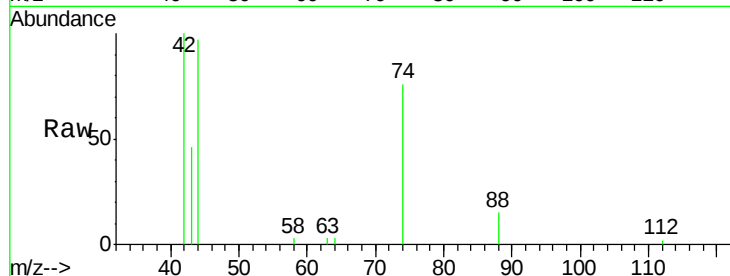


#3

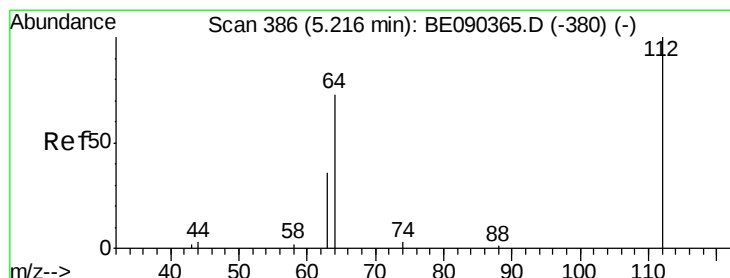
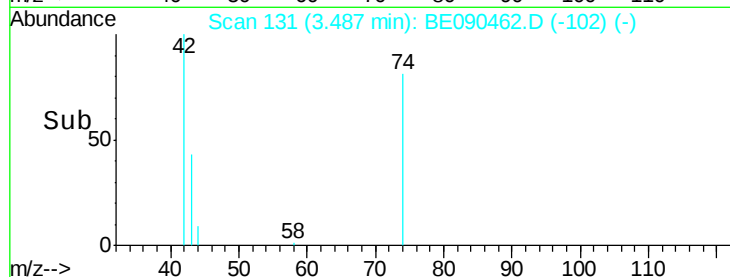
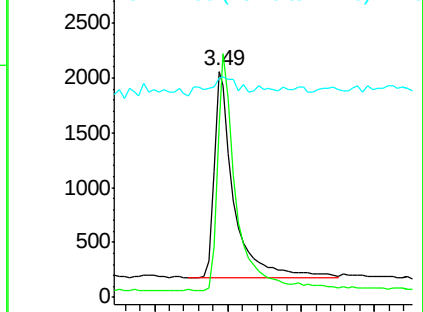
n-Nitrosodimethylamine
 Concen: 1.04 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BE090462.D
 Acq: 12 Aug 2015 11:51

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 3555
 Ion Ratio Lower Upper
 42 100
 74 106.1 75.2 112.8
 44 8.7 8.7 13.1



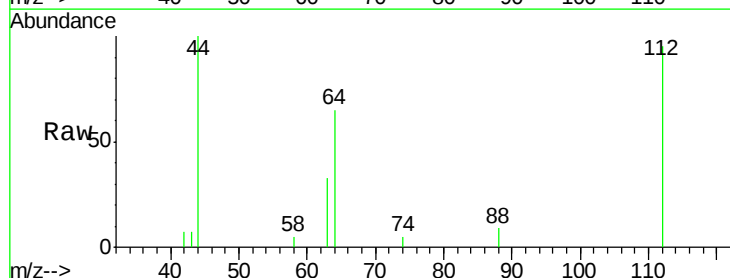
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



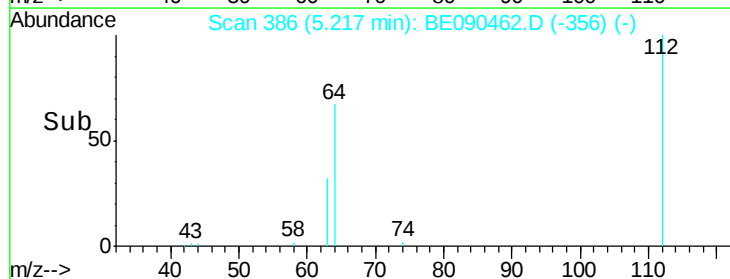
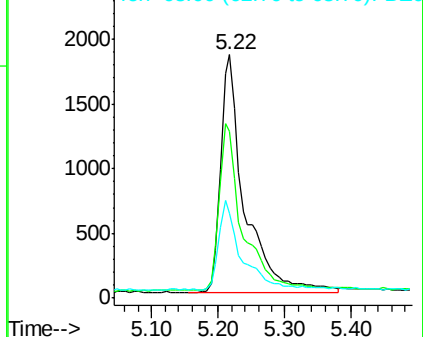
#4

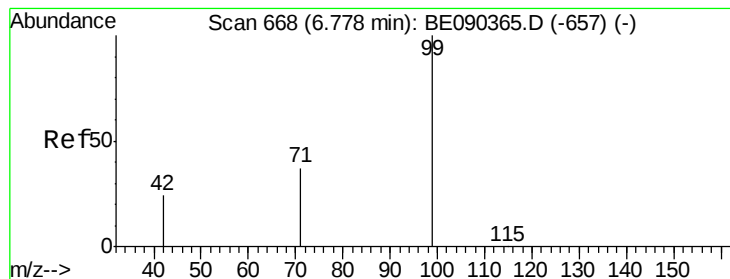
2-Fluorophenol
 Concen: 1.37 ng
 RT: 5.22 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BE090462.D
 Acq: 12 Aug 2015 11:51

Tgt Ion: 112 Resp: 4529
 Ion Ratio Lower Upper
 112 100
 64 69.8 37.1 55.7#
 63 35.5 19.5 29.3#



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: 1.20 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampleId :

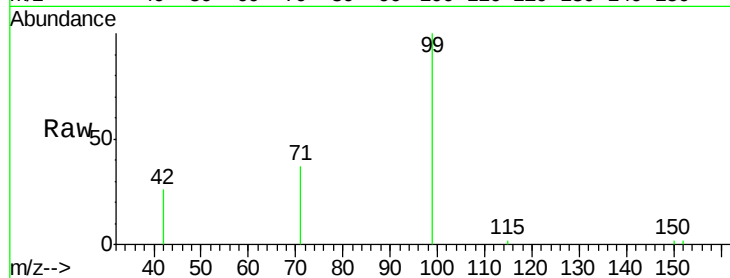
Tot Ion: 99 Resp: 7052

Ion Ratio Lower Upper

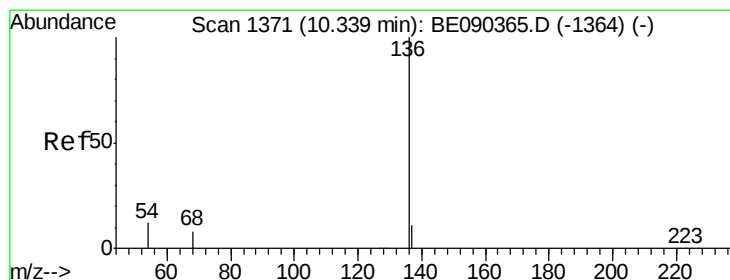
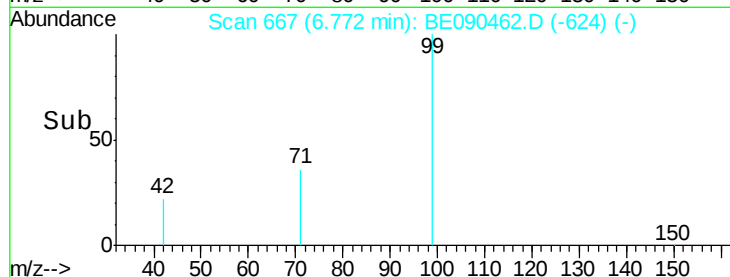
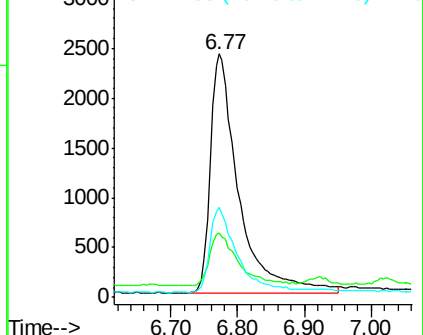
99 100

42 22.9 18.2 27.4

71 34.7 27.4 41.0



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: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Tgt Ion: 136 Resp: 103475

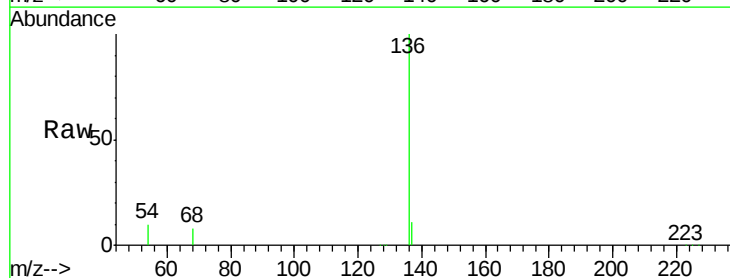
Ion Ratio Lower Upper

136 100

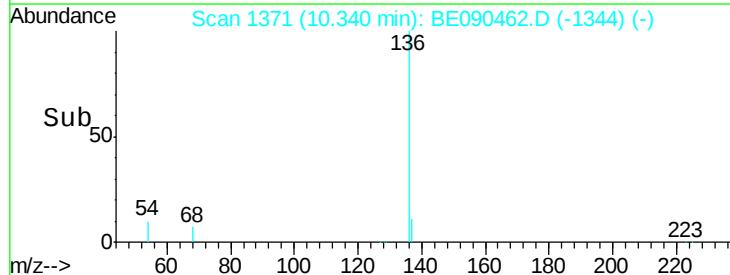
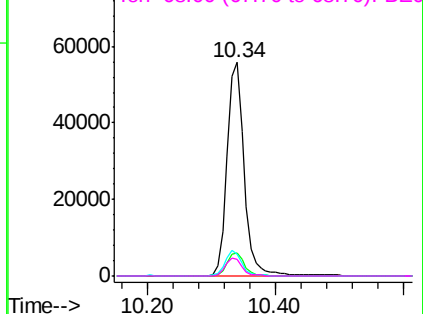
137 10.9 8.7 13.1

54 10.4 9.4 14.0

68 7.6 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: 1.04 ng

RT: 8.73 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampleId :

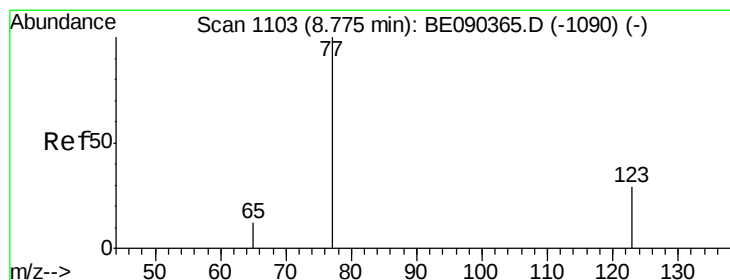
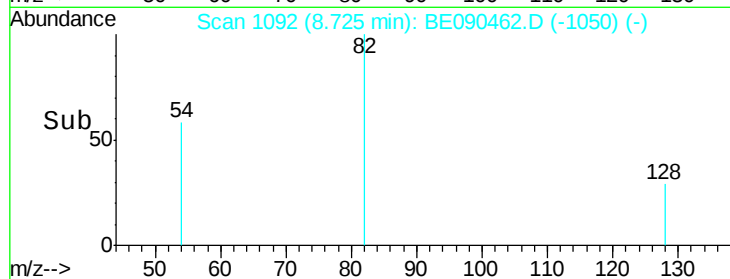
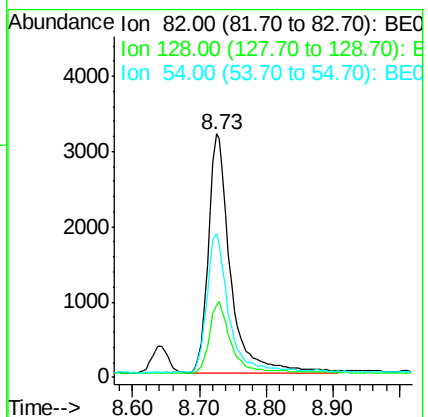
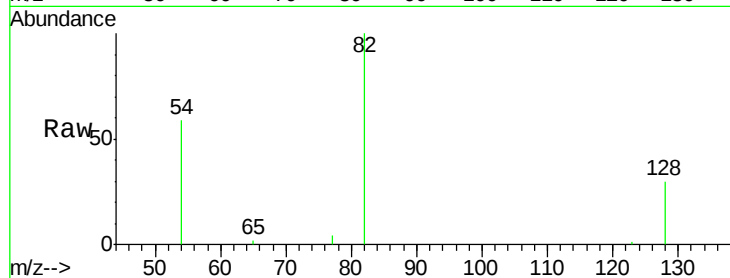
Tot Ion: 82 Resp: 7324

Ion Ratio Lower Upper

82 100

128 29.9 25.0 37.6

54 59.2 48.8 73.2



#8

Nitrobenzene

Concen: 1.01 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

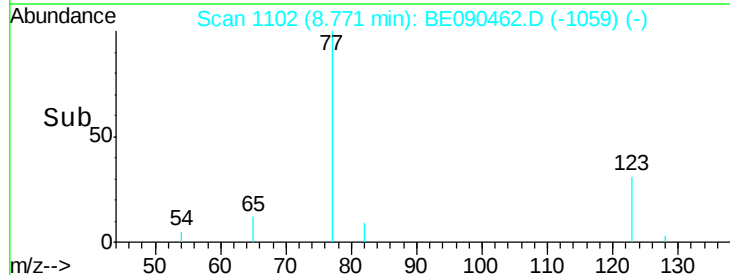
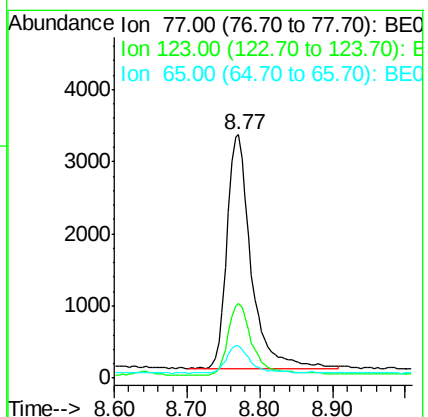
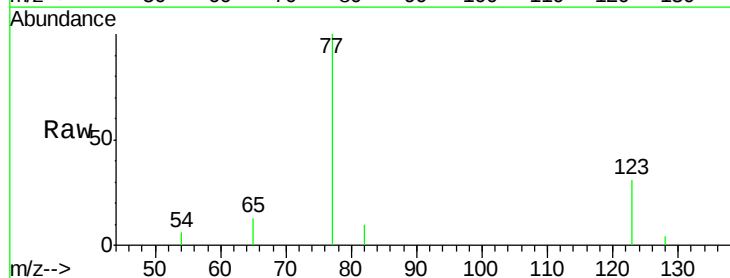
Tgt Ion: 77 Resp: 7507

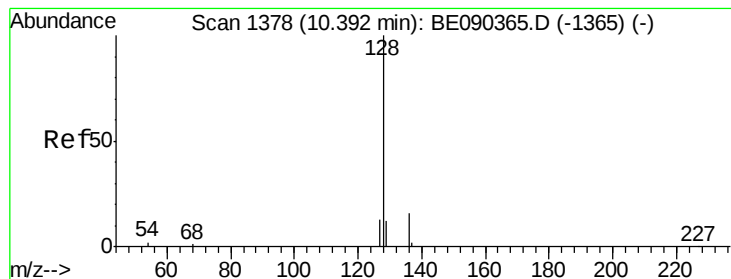
Ion Ratio Lower Upper

77 100

123 30.2 25.1 37.7

65 12.0 9.3 13.9





#9

Naphthalene

Concen: 1.02 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampleId :

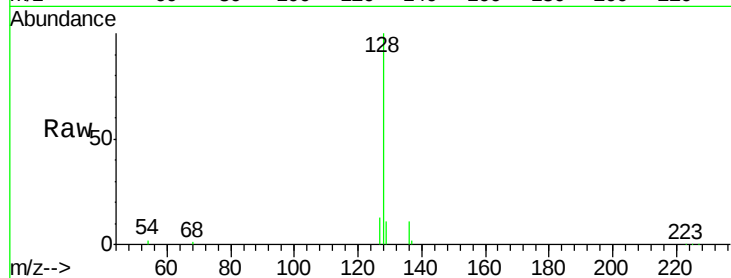
Tot Ion:128 Resp: 23291

Ion Ratio Lower Upper

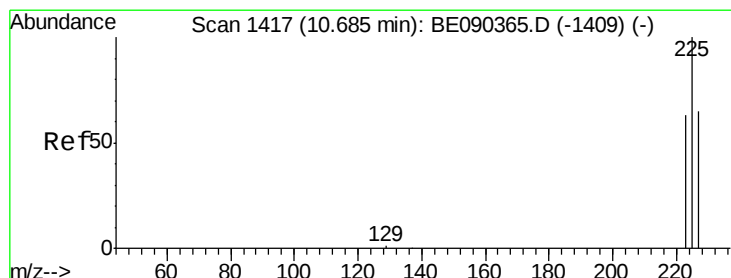
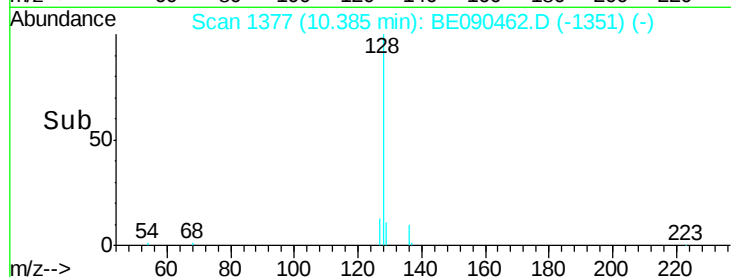
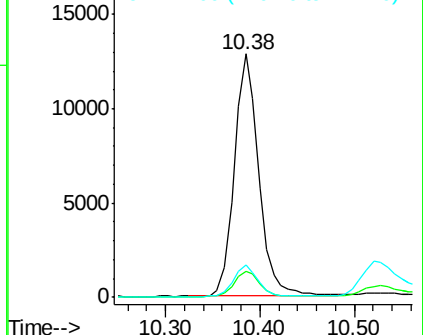
128 100

129 10.9 9.8 14.6

127 13.2 10.6 16.0



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: 1.09 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

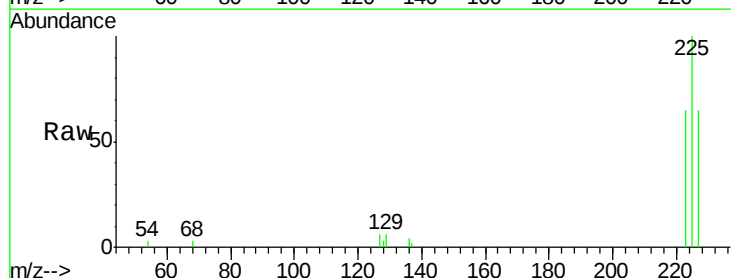
Tgt Ion:225 Resp: 3956

Ion Ratio Lower Upper

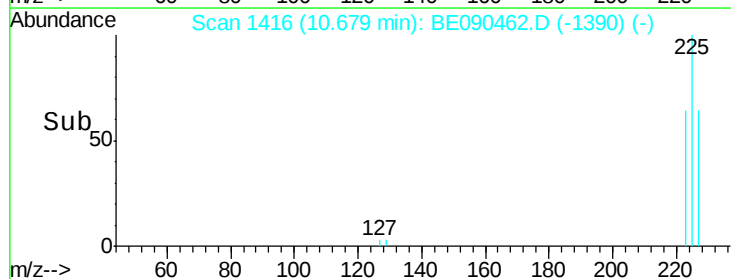
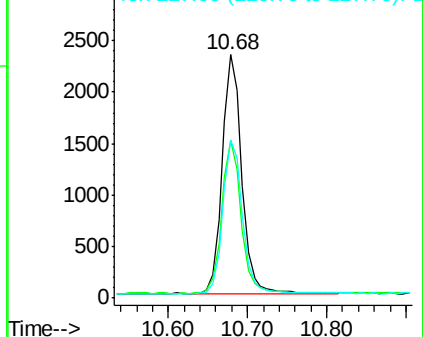
225 100

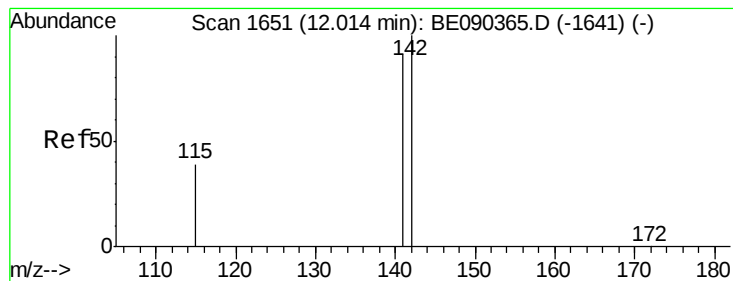
223 63.5 50.6 75.8

227 64.9 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: 1.06 ng

RT: 12.01 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampleId :

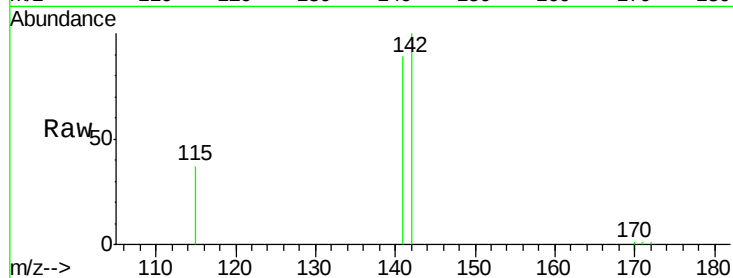
Tot Ion:142 Resp: 14019

Ion Ratio Lower Upper

142 100

141 88.6 72.6 109.0

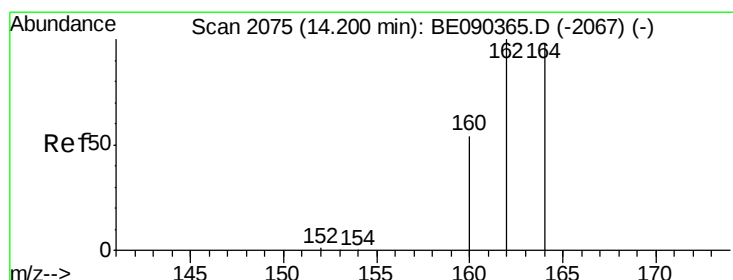
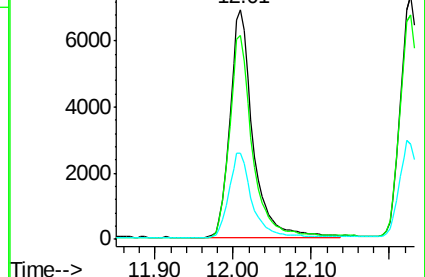
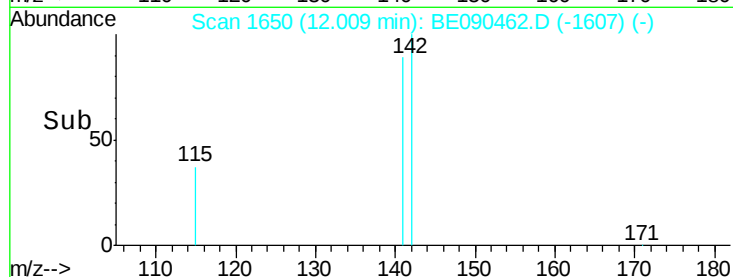
115 37.3 31.6 47.4



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: 14.19 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

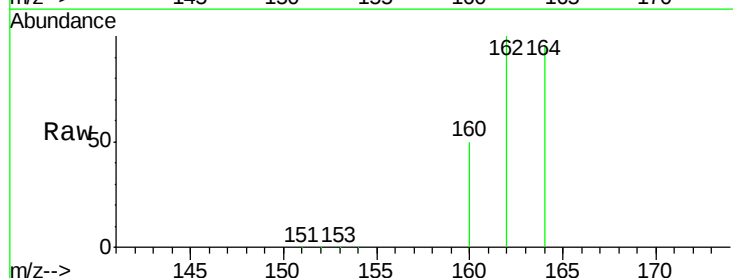
Tgt Ion:164 Resp: 61655

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.8

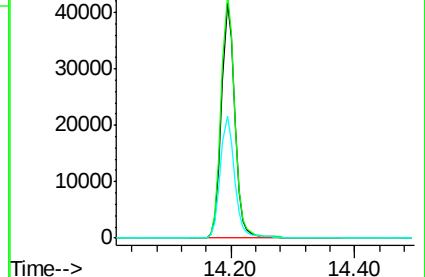
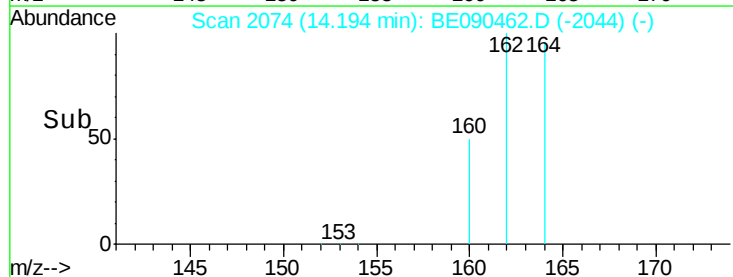
160 52.2 44.2 66.4



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

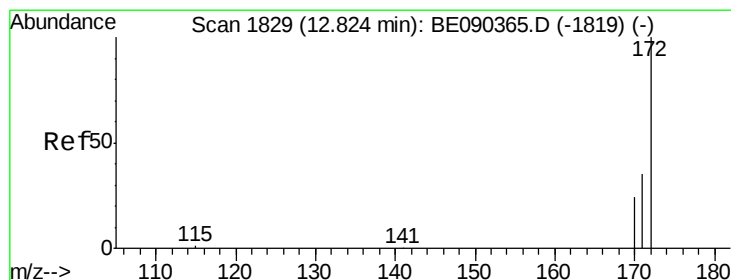
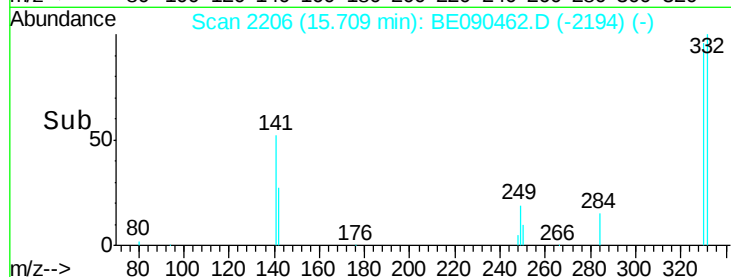
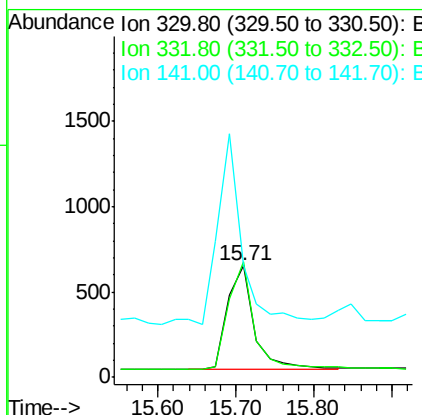
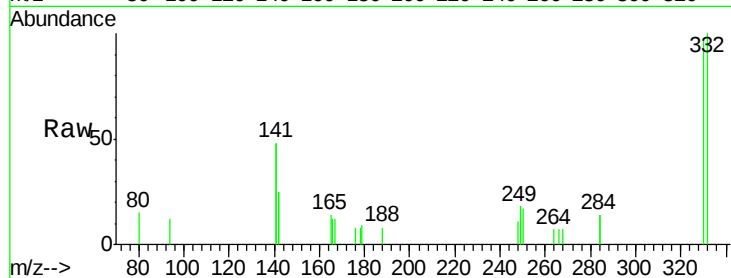




#13
 2,4,6-Tribromophenol
 Concen: 1.35 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090462.D
 Acq: 12 Aug 2015 11:51

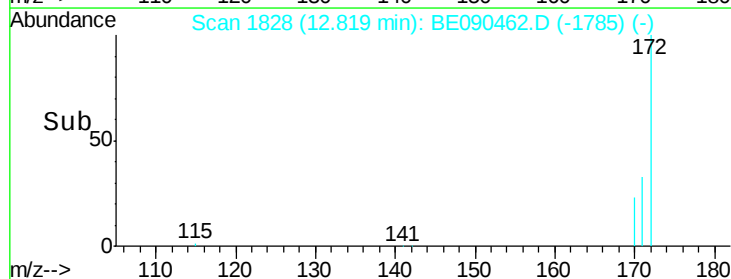
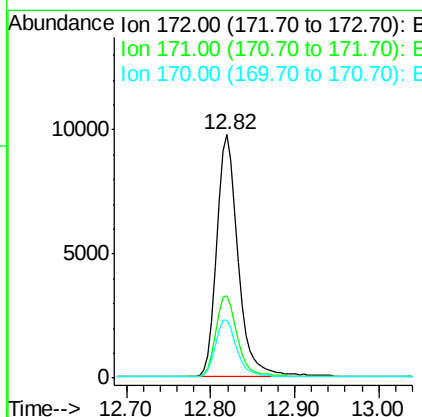
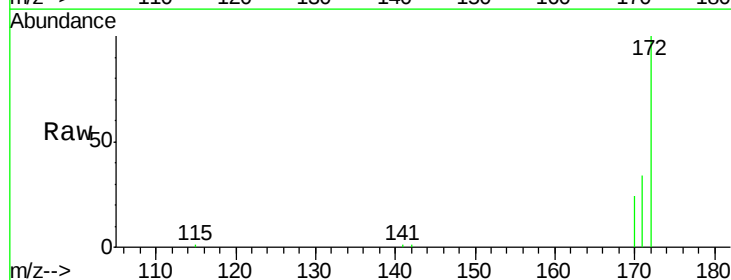
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1450
 Ion Ratio Lower Upper
 330 100
 332 100.3 75.8 113.6
 141 166.7 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 1.02 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090462.D
 Acq: 12 Aug 2015 11:51

Tgt Ion:172 Resp: 17346
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.5 42.7
 170 23.6 19.8 29.8

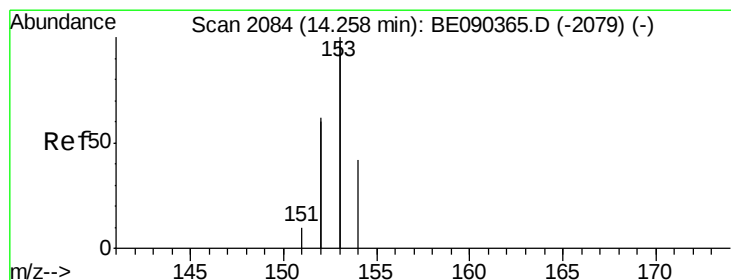
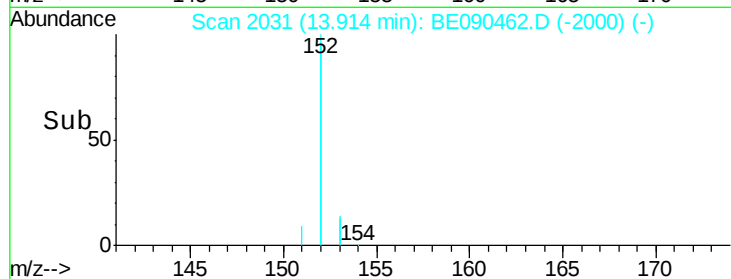
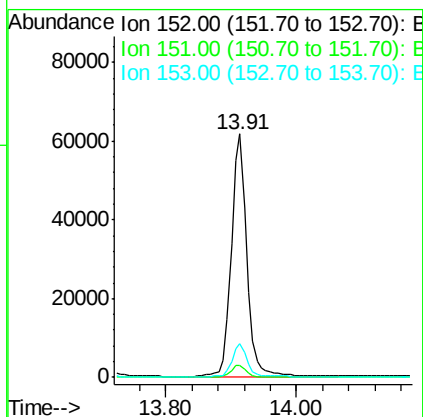
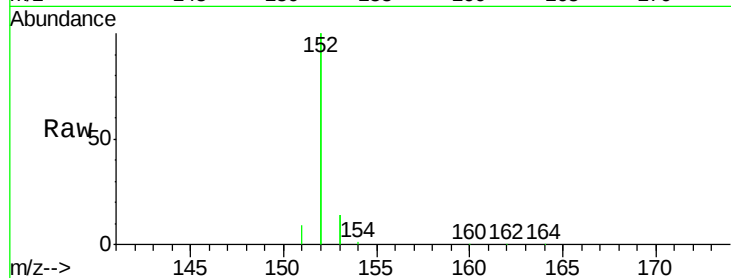




#15
Acenaphthylene
Concen: 1.01 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

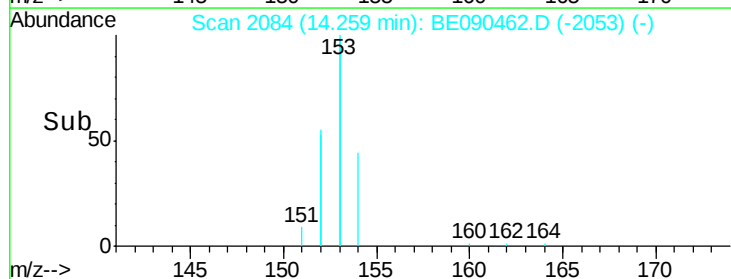
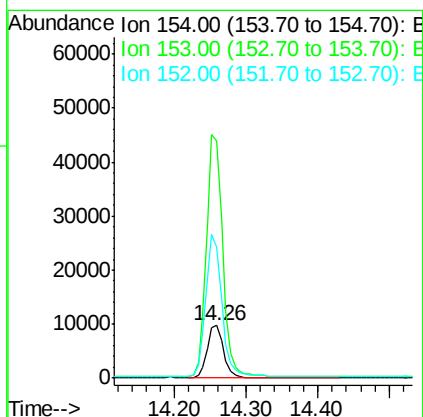
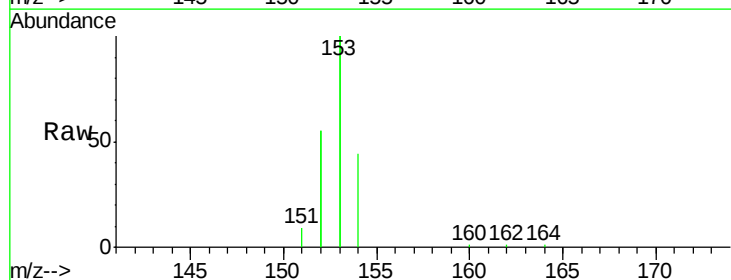
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 101137
Ion Ratio Lower Upper
152 100
151 4.8 3.8 5.8
153 13.0 10.3 15.5



#16
Acenaphthene
Concen: 0.99 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:154 Resp: 15366
Ion Ratio Lower Upper
154 100
153 464.9 376.2 564.2
152 270.2 235.0 352.4

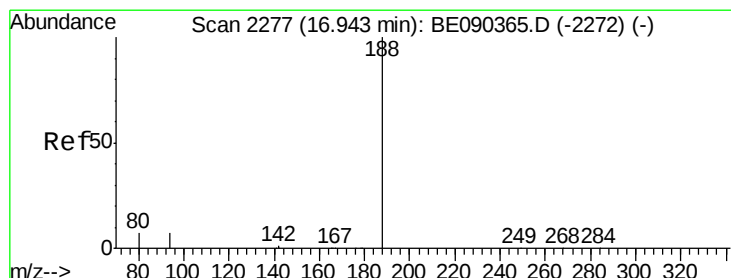
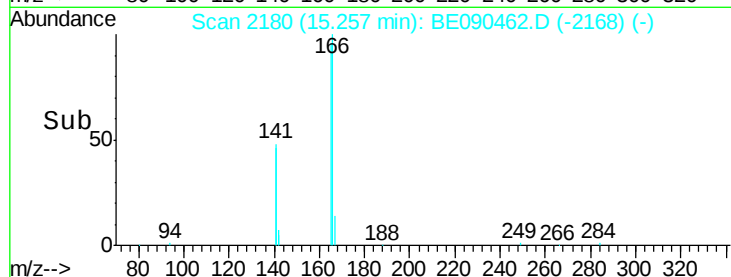
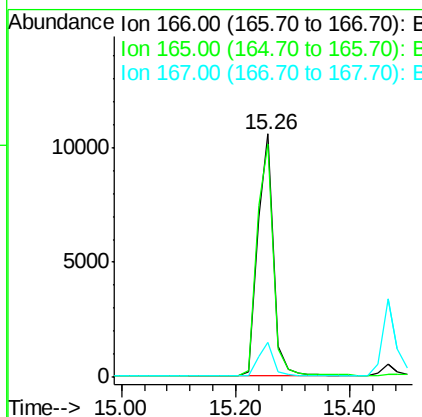
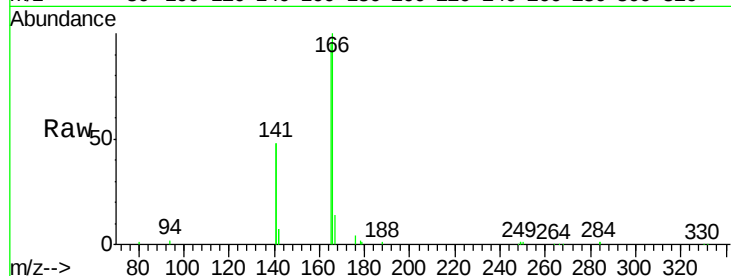




#17
Fluorene
 Concen: 1.01 ng
 RT: 15.26 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BE090462.D
 Acq: 12 Aug 2015 11:51

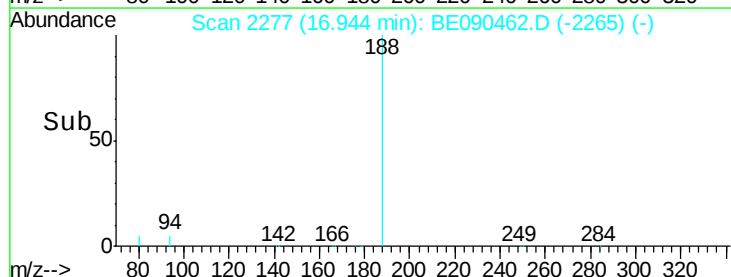
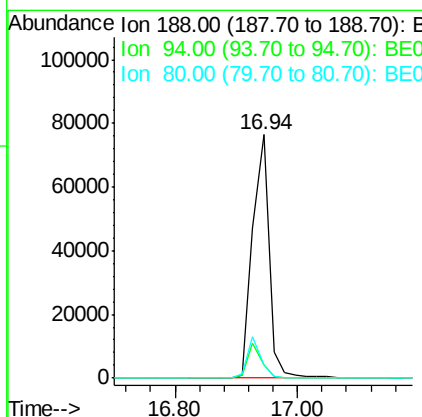
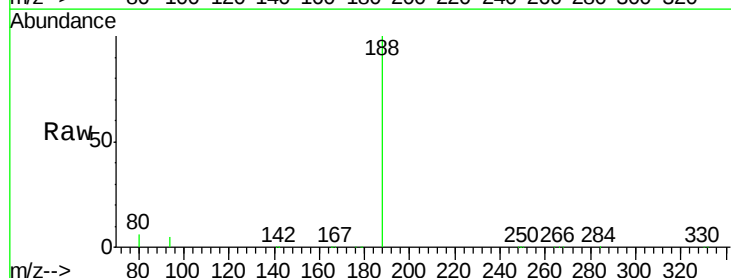
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 20369
 Ion Ratio Lower Upper
 166 100
 165 100.2 81.5 122.3
 167 13.8 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BE090462.D
 Acq: 12 Aug 2015 11:51

Tgt Ion:188 Resp: 142583
 Ion Ratio Lower Upper
 188 100
 94 5.3 5.7 8.5#
 80 5.5 5.8 8.8#

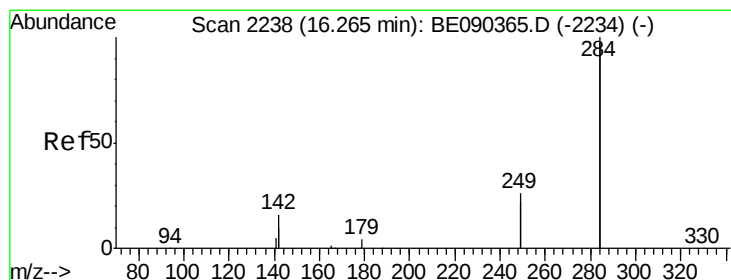
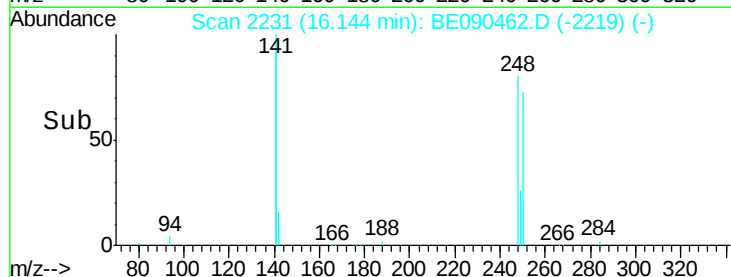
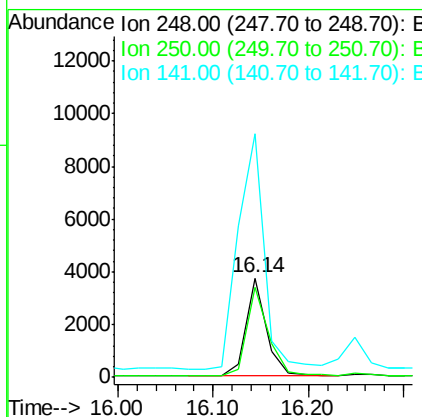
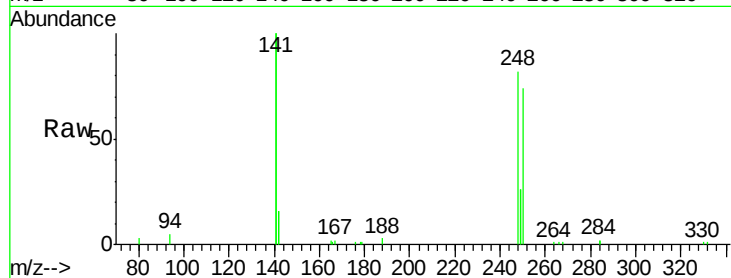




#19
4-Bromophenyl-phenylether
Concen: 1.01 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

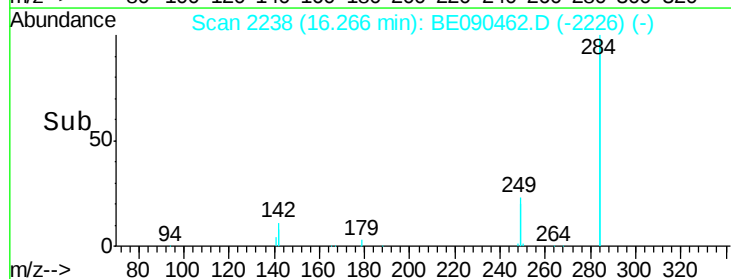
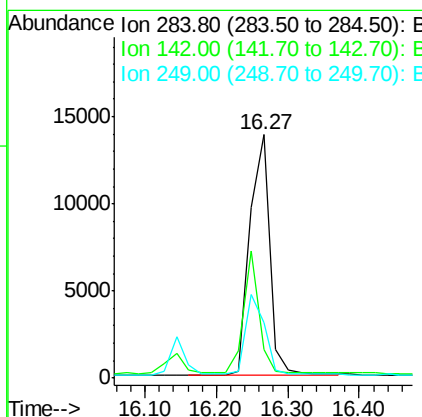
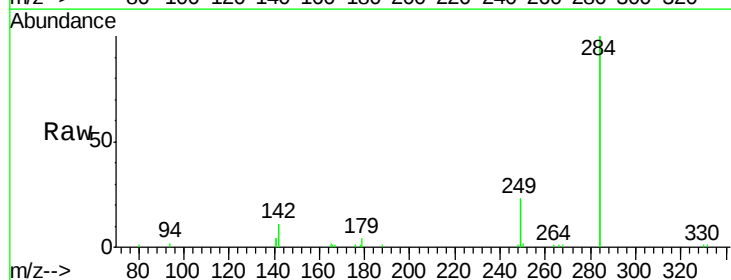
Instrument :
BNA_E
ClientSampleId :

Tot Ion:248 Resp: 5587
Ion Ratio Lower Upper
248 100
250 96.0 79.0 118.6
141 300.1 239.5 359.3



#20
Hexachlorobenzene
Concen: 0.93 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:284 Resp: 26607
Ion Ratio Lower Upper
284 100
142 38.4 30.1 45.1
249 32.0 25.7 38.5





#21

Pentachlorophenol

Concen: 1.21 ng

RT: 16.61 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampleId :

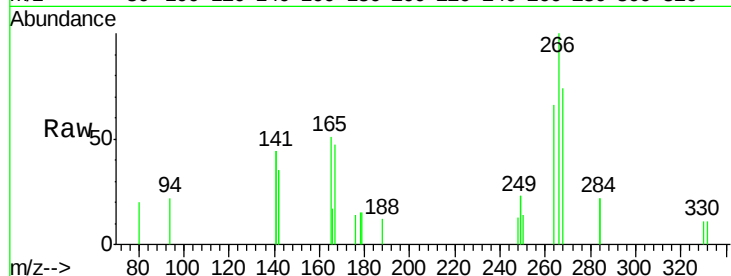
Tot Ion:266 Resp: 1177

Ion Ratio Lower Upper

266 100

268 74.5 58.5 87.7

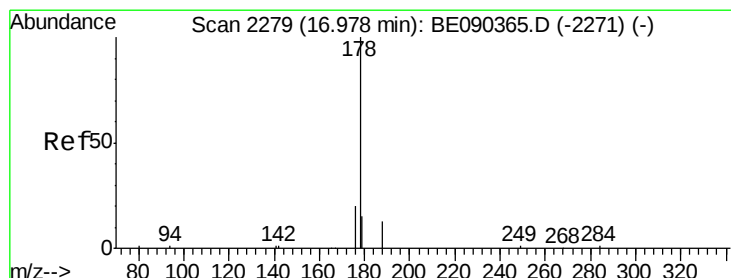
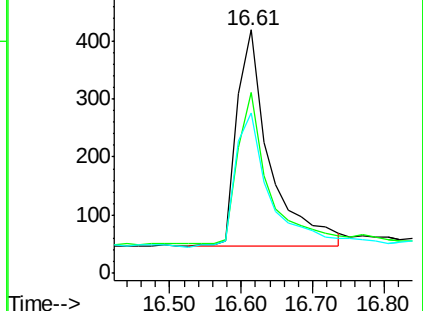
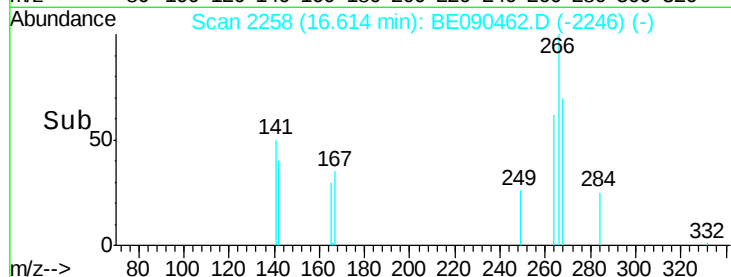
264 65.6 56.0 84.0



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: 1.01 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

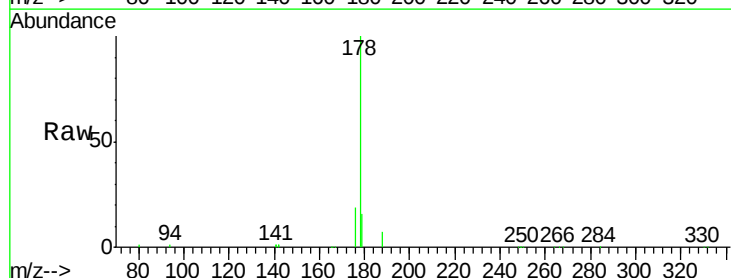
Tgt Ion:178 Resp: 36109

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

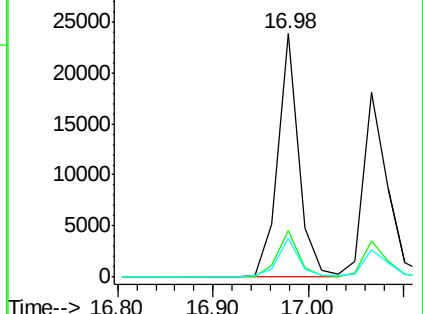
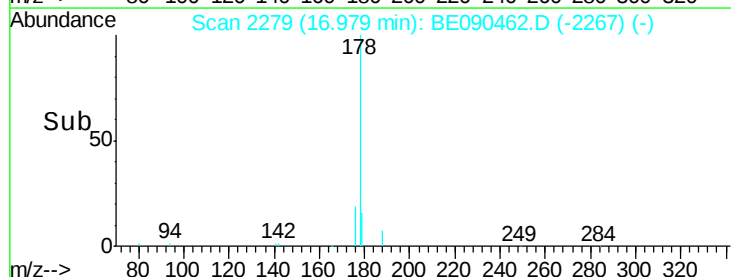
179 15.7 12.5 18.7

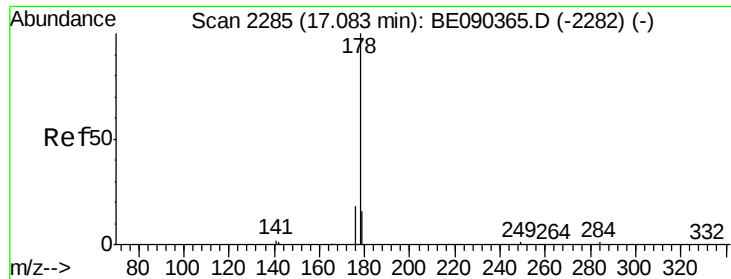


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 1.08 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampleId :

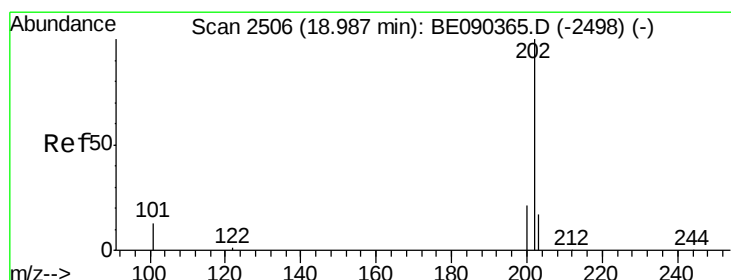
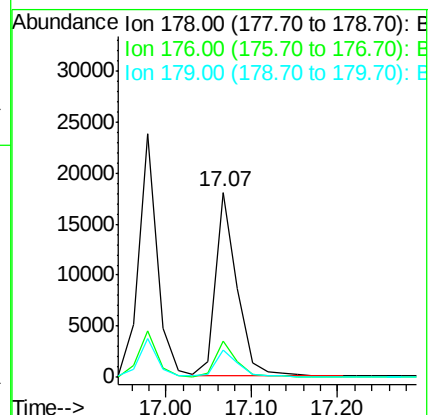
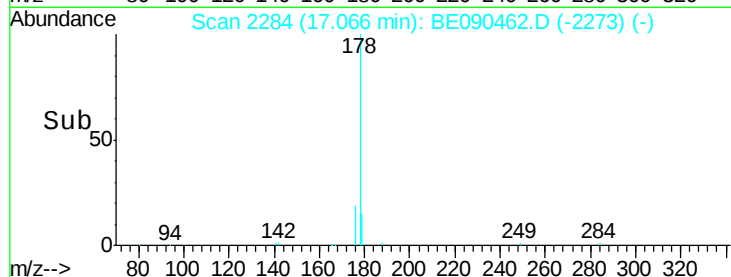
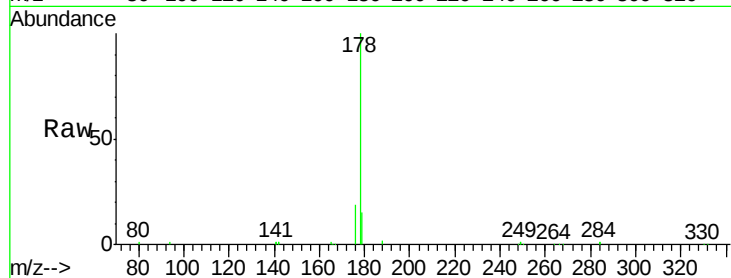
Tot Ion:178 Resp: 31526

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.1 12.2 18.4



#24

Fluoranthene

Concen: 1.04 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

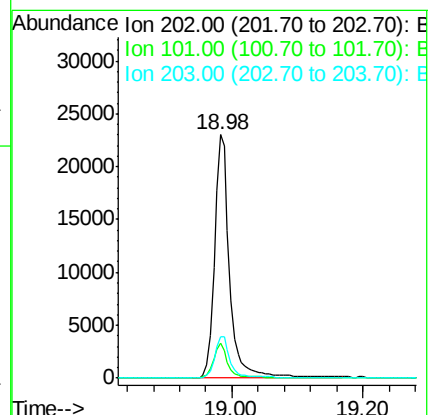
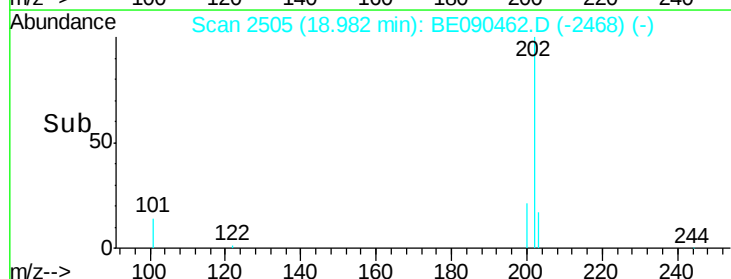
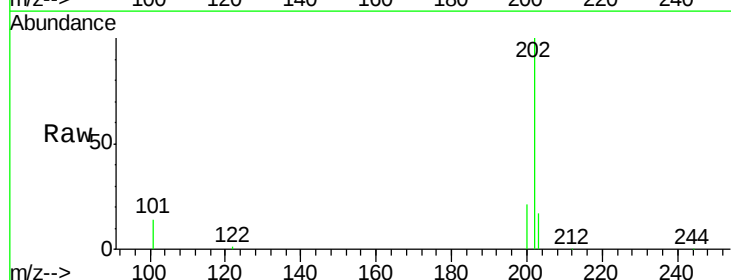
Tgt Ion:202 Resp: 36363

Ion Ratio Lower Upper

202 100

101 13.2 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampled :

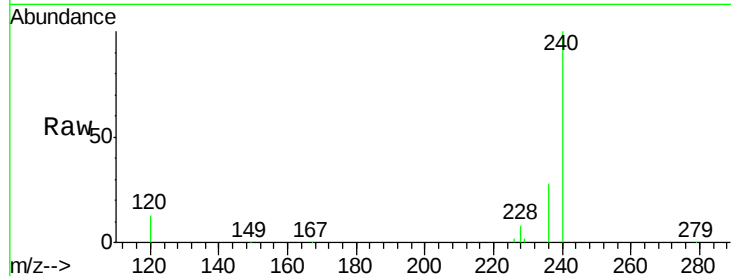
Tot Ion:240 Resp: 162594

Ion Ratio Lower Upper

240 100

120 13.2 8.3 12.5#

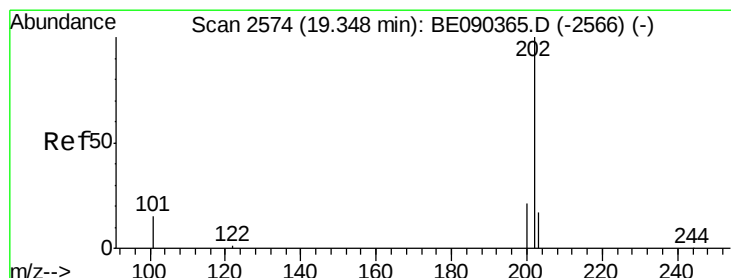
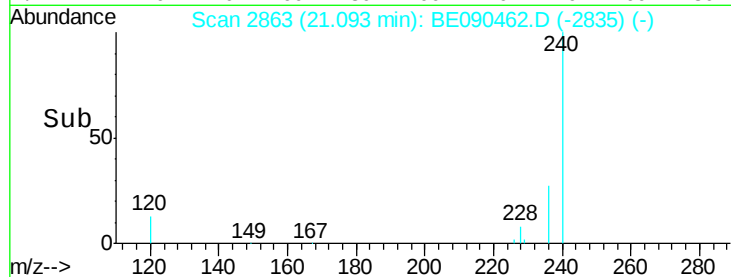
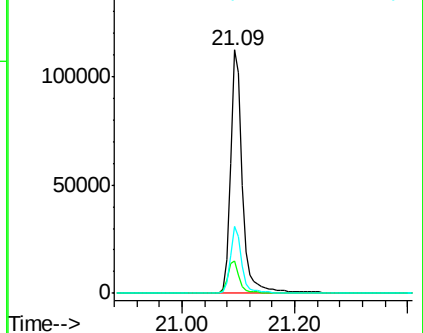
236 27.5 21.0 31.4



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: 1.07 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

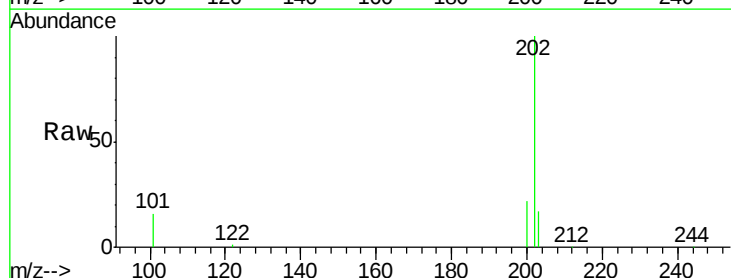
Tgt Ion:202 Resp: 37871

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

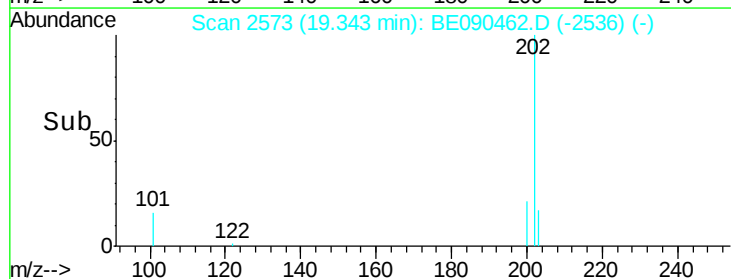
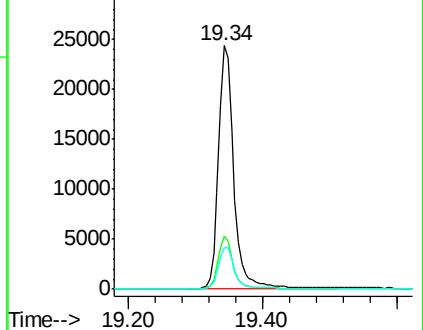
203 17.3 13.8 20.8



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

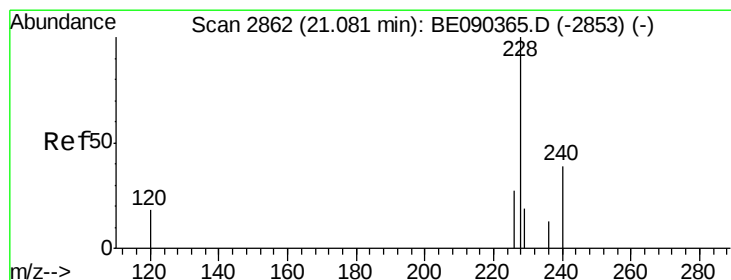
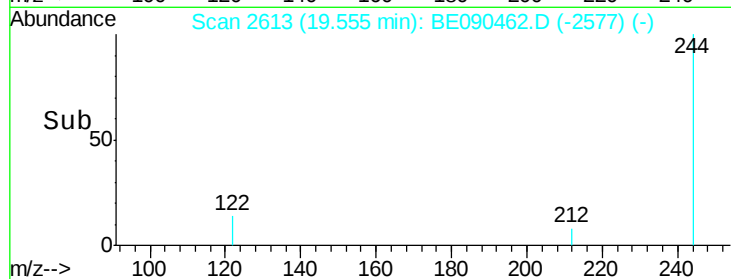
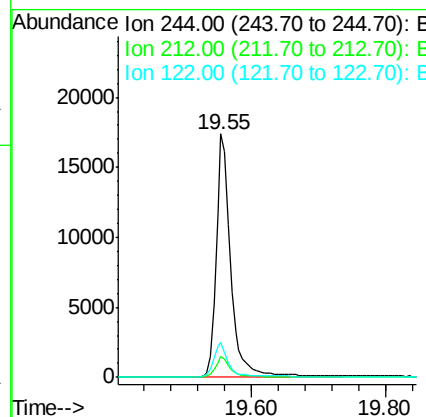
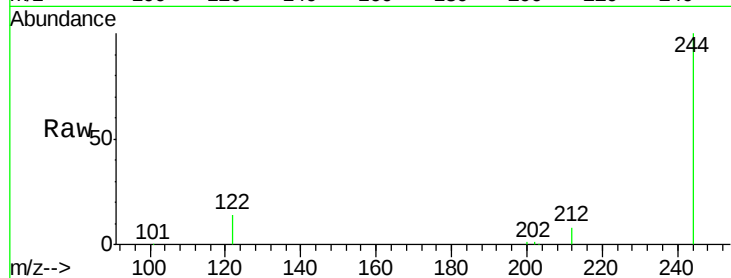




#27
 Terphenyl-d14
 Concen: 1.08 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090462.D
 Acq: 12 Aug 2015 11:51

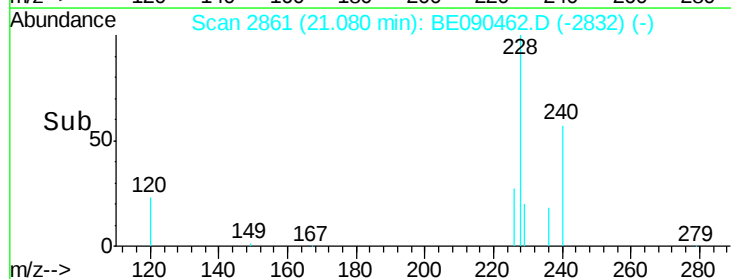
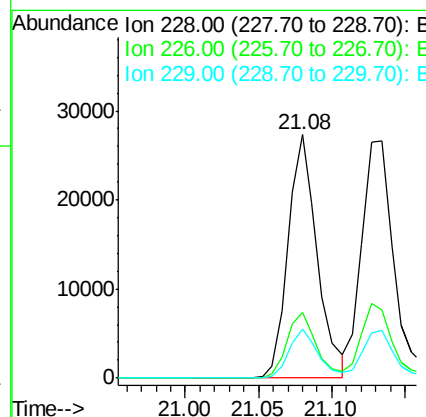
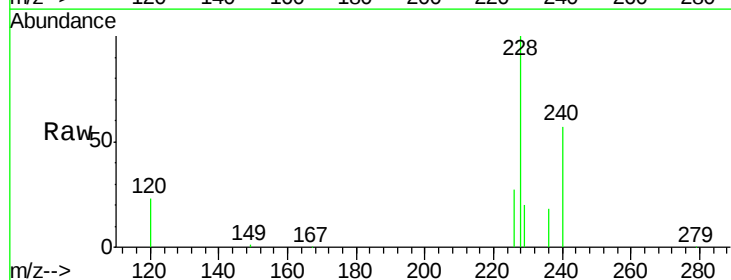
Instrument :
 BNA_E
 ClientSampled :

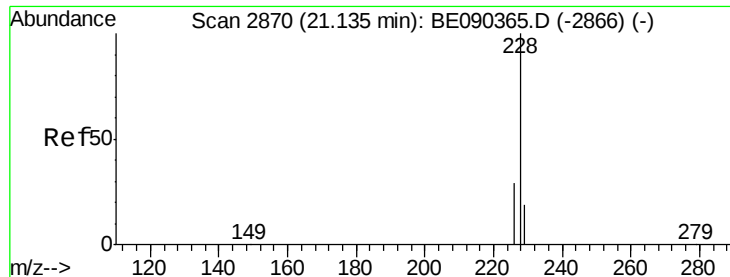
Tot Ion:244 Resp: 25770
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 14.2 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 1.04 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090462.D
 Acq: 12 Aug 2015 11:51

Tgt Ion:228 Resp: 37544
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.9 32.9
 229 20.1 15.4 23.0





#29

Chrysene

Concen: 0.97 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampleId :

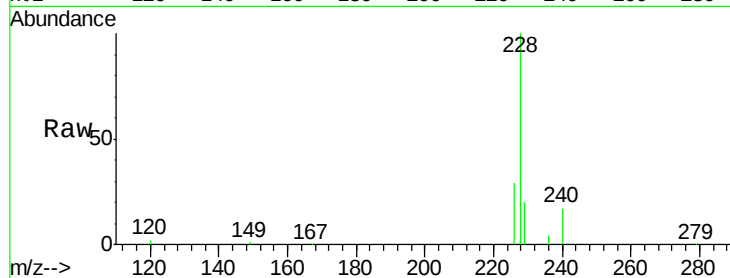
Tot Ion:228 Resp: 42358

Ion Ratio Lower Upper

228 100

226 28.6 23.1 34.7

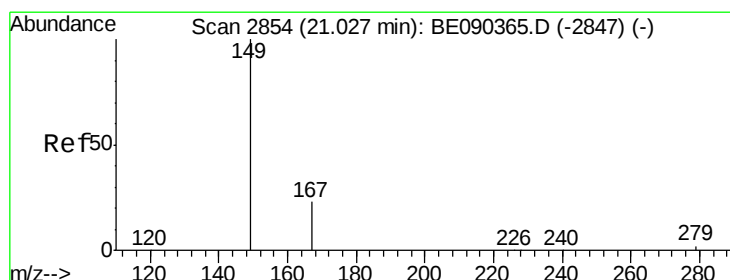
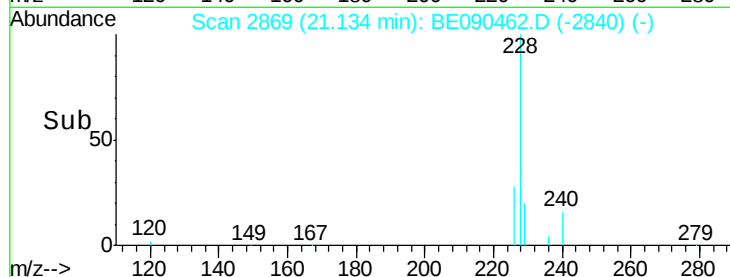
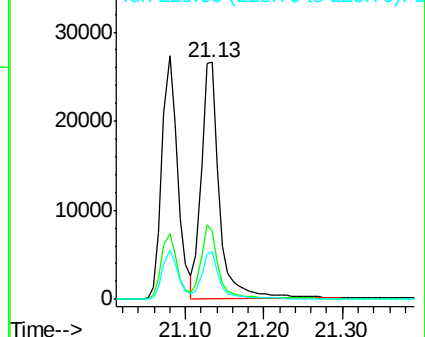
229 19.9 15.8 23.8



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: 1.08 ng

RT: 21.03 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

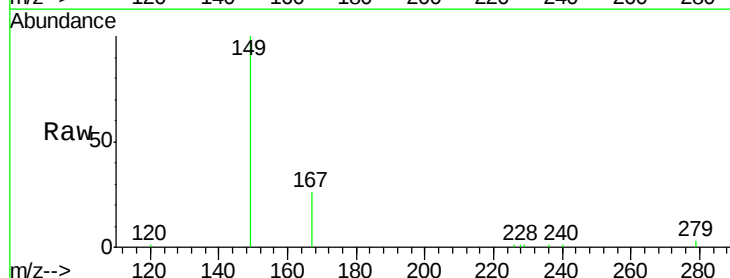
Tgt Ion:149 Resp: 9072

Ion Ratio Lower Upper

149 100

167 25.4 19.8 29.8

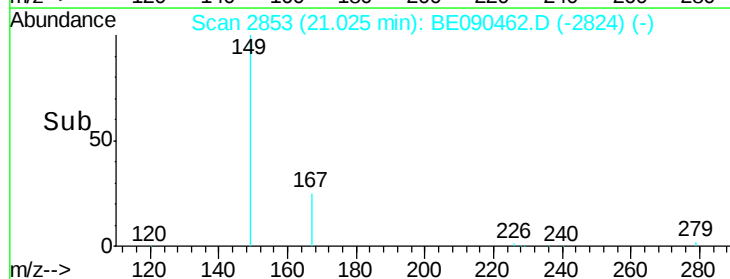
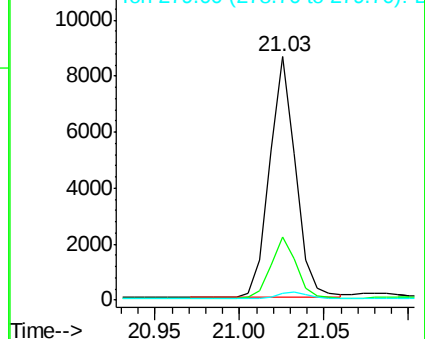
279 3.1 2.4 3.6



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

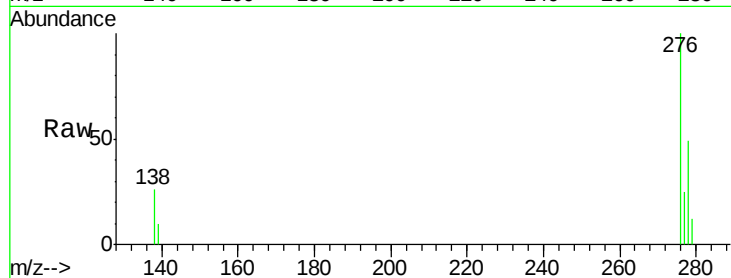




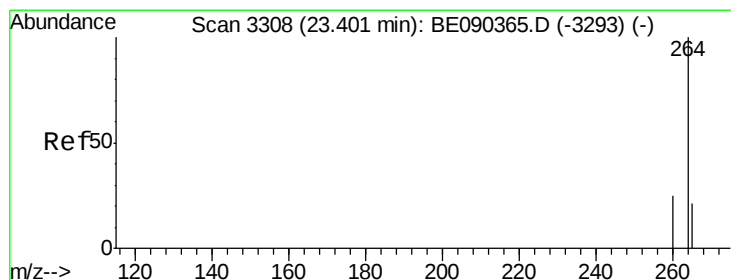
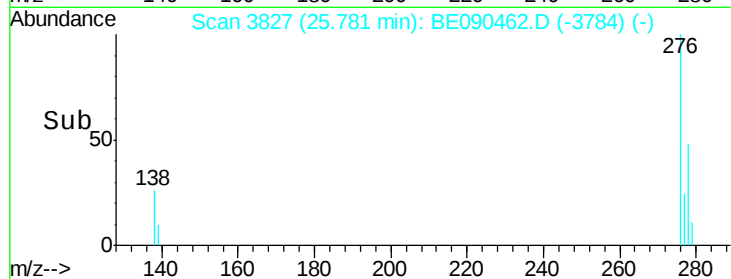
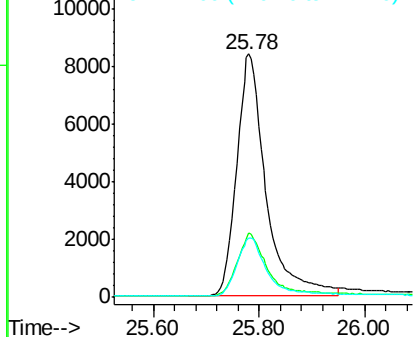
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.04 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 32456
Ion Ratio Lower Upper
276 100
138 26.0 18.8 28.2
277 24.9 18.2 27.4

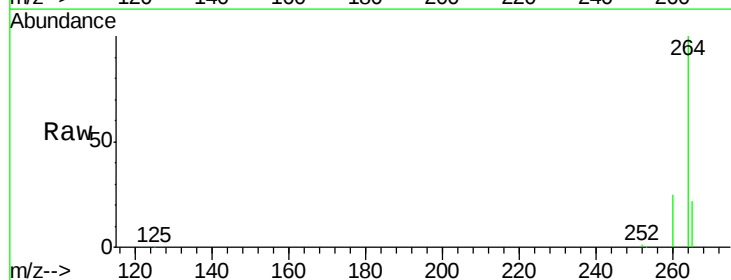


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

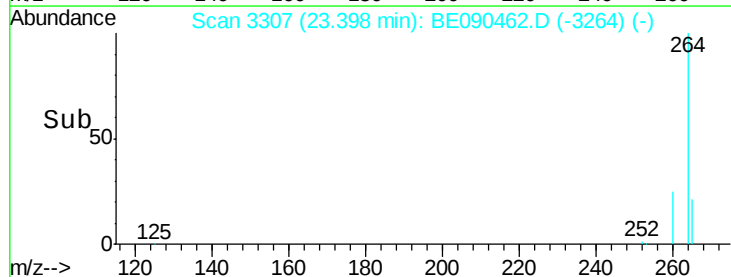
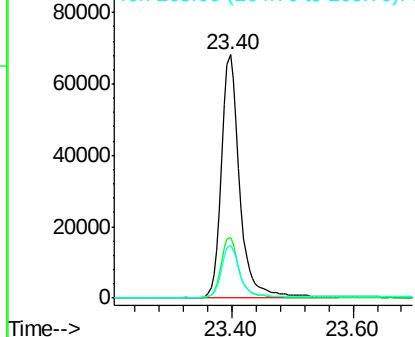


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:264 Resp: 143404
Ion Ratio Lower Upper
264 100
260 24.8 20.1 30.1
265 21.7 17.2 25.8



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: 1.07 ng

RT: 22.70 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampleId :

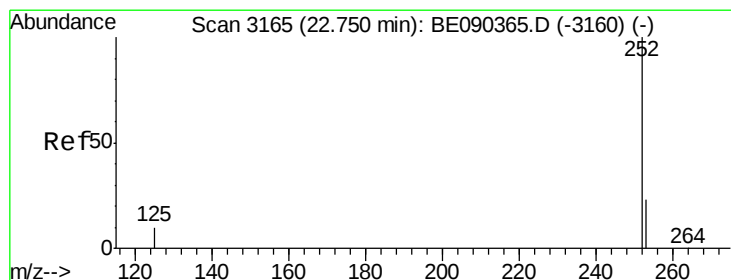
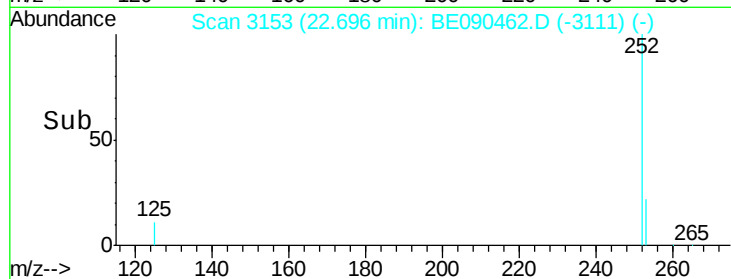
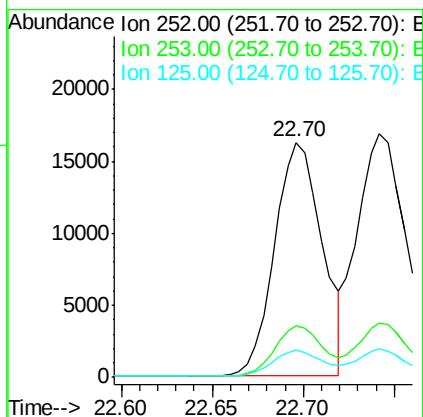
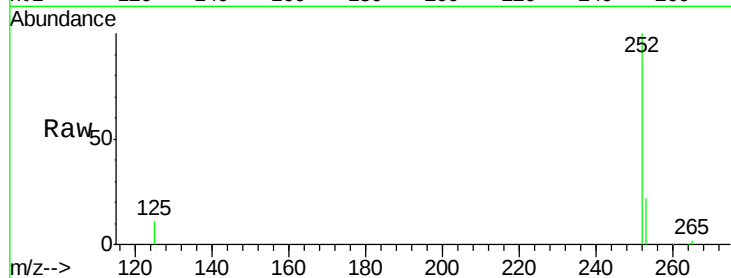
Tot Ion:252 Resp: 29472

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 11.5 9.4 14.2



#34

Benzo(k)fluoranthene

Concen: 0.90 ng

RT: 22.74 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

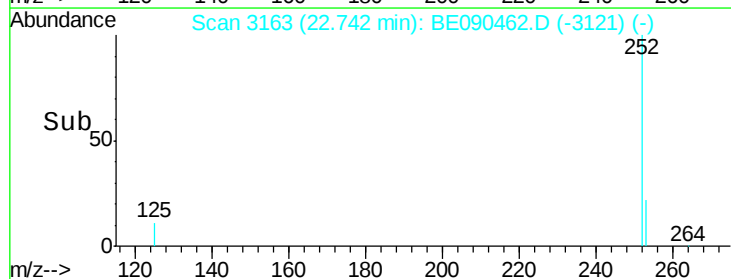
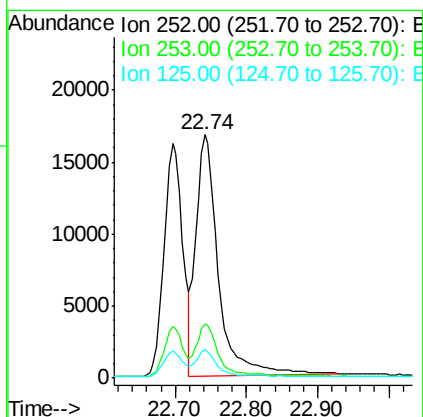
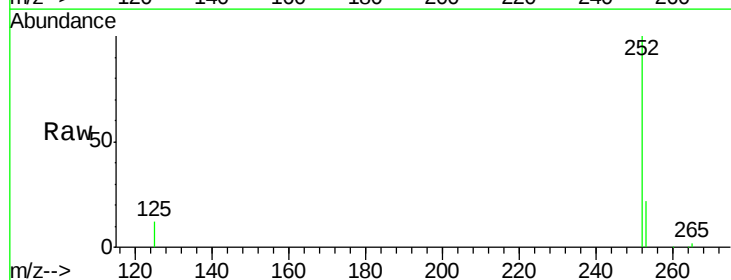
Tgt Ion:252 Resp: 35977

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 11.7 9.1 13.7





#35

Benzo(a)pyrene

Concen: 1.04 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampleId :

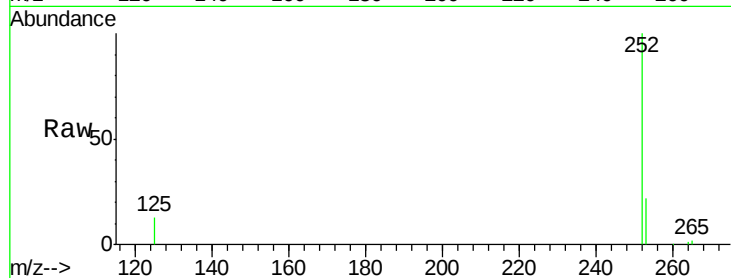
Tot Ion:252 Resp: 25974

Ion Ratio Lower Upper

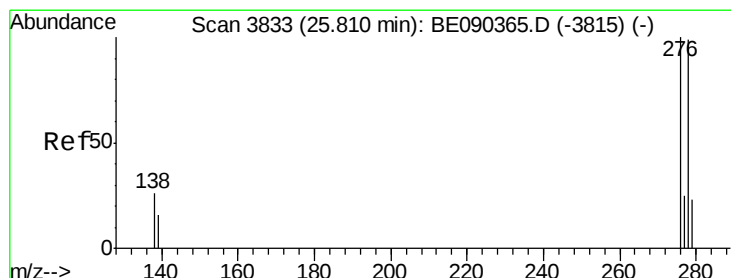
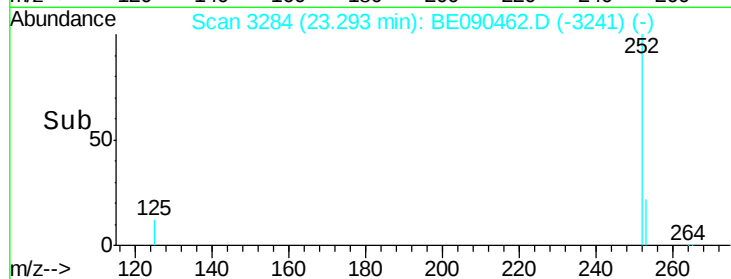
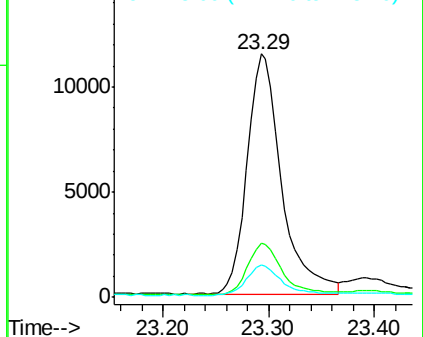
252 100

253 22.5 17.6 26.4

125 13.2 9.8 14.6



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: 1.06 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

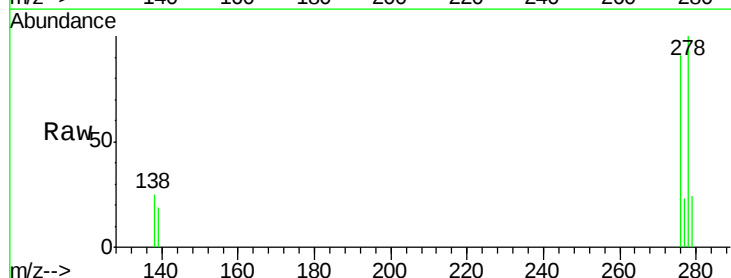
Tgt Ion:278 Resp: 24728

Ion Ratio Lower Upper

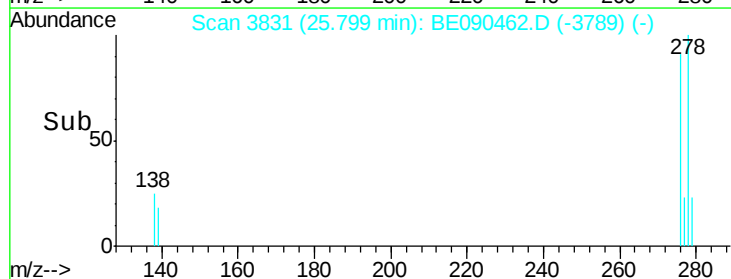
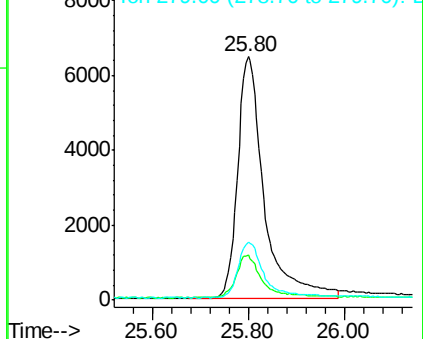
278 100

139 18.6 14.2 21.4

279 24.0 20.1 30.1



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(a,h,i)perylene

Concen: 1.04 ng

RT: 26.51 min Scan# 3986

Delta R.T. -0.01 min

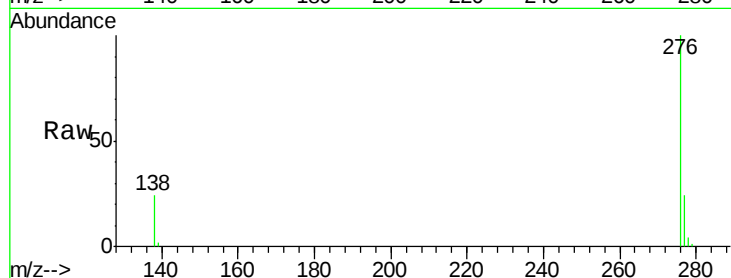
Lab File: BE090462.D

Acq: 12 Aug 2015 11:51

Instrument :

BNA_E

ClientSampleId :



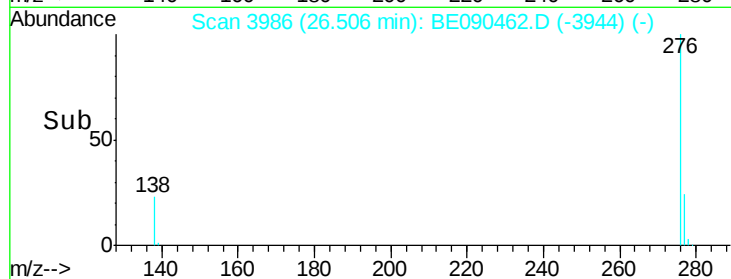
Tot Ion: 276 Resp: 27447

Ion Ratio Lower Upper

276 100

277 24.2 20.1 30.1

138 24.1 18.1 27.1



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

