

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
 Data File : BE090448.D
 Acq On : 12 Aug 2015 3:24
 Operator : UM/IZ
 Sample : PB84962BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84962BSD

Quant Time: Aug 12 04:16:53 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

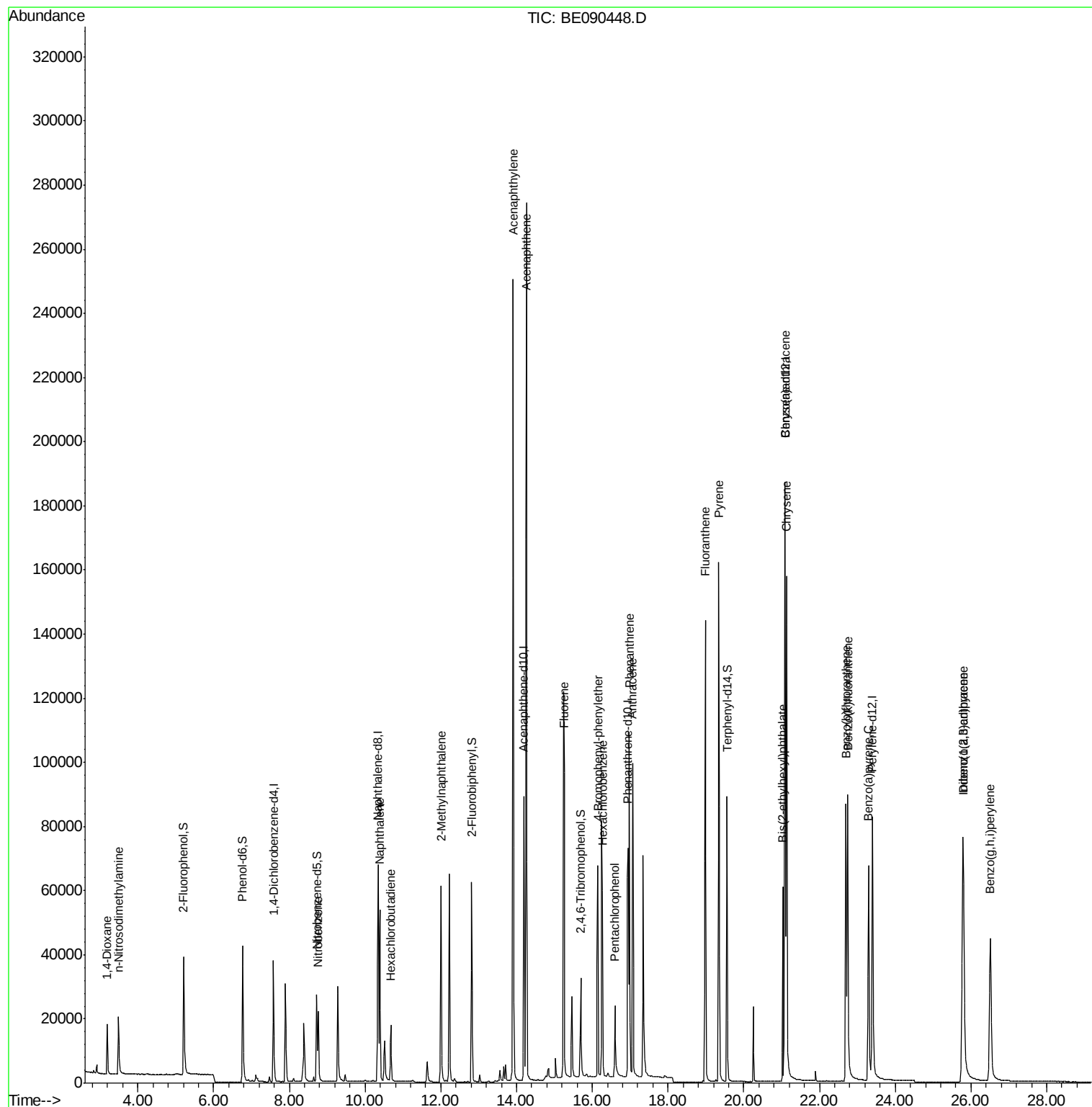
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	18929	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	88526	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	51116	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	117603	5.00	ng	0.00
25) Chrysene-d12	21.09	240	143265	5.00	ng	0.00
32) Perylene-d12	23.40	264	121464	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	32488	11.44	ng	0.00
5) Phenol-d6	6.77	99	52687	8.53	ng	-0.01
7) Nitrobenzene-d5	8.72	82	26345	3.71	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	14433	8.80	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	59453	4.23	ng	0.00
27) Terphenyl-d14	19.55	244	95180	4.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	8917	3.97	ng	98
3) n-Nitrosodimethylamine	3.49	42	11619	3.97	ng	# 90
8) Nitrobenzene	8.76	77	27345	3.61	ng	97
9) Naphthalene	10.38	128	72494	3.71	ng	99
10) Hexachlorobutadiene	10.68	225	12176	4.11	ng	100
11) 2-Methylnaphthalene	12.00	142	48189	4.25	ng	97
15) Acenaphthylene	13.91	152	341518	4.13	ng	100
16) Acenaphthene	14.26	154	50443	3.92	ng	89
17) Fluorene	15.26	166	67815	4.06	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	19256	4.21	ng	99
20) Hexachlorobenzene	16.27	284	85154	3.60	ng	98
21) Pentachlorophenol	16.60	266	13470	7.49	ng	92
22) Phenanthrene	16.98	178	115873	3.94	ng	100
23) Anthracene	17.07	178	113301	4.69	ng	100
24) Fluoranthene	18.98	202	132118	4.56	ng	99
26) Pyrene	19.34	202	145532	4.69	ng	99
28) Benzo(a)anthracene	21.08	228	137447	4.33	ng	98
29) Chrysene	21.13	228	145951	3.80	ng	97
30) Bis(2-ethylhexyl)phthalate	21.03	149	47271	4.34	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	118805	3.51	ng	95
33) Benzo(b)fluoranthene	22.70	252	113716	4.18	ng	99
34) Benzo(k)fluoranthene	22.74	252	131639	3.89	ng	99
35) Benzo(a)pyrene	23.29	252	104348	4.06	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	95043	3.81	ng	98
37) Benzo(g,h,i)perylene	26.51	276	105108	4.69	ng	98

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

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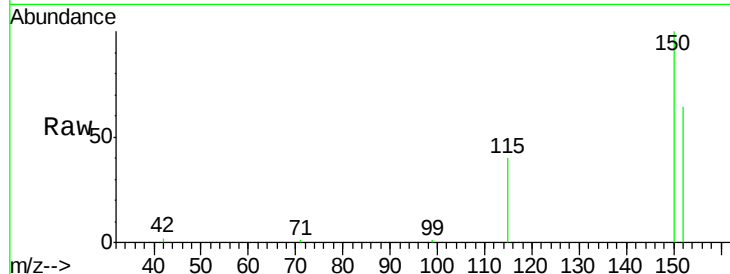




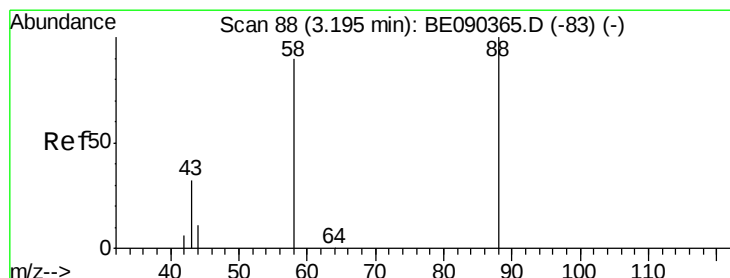
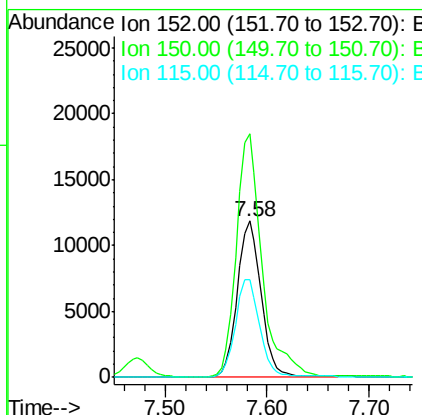
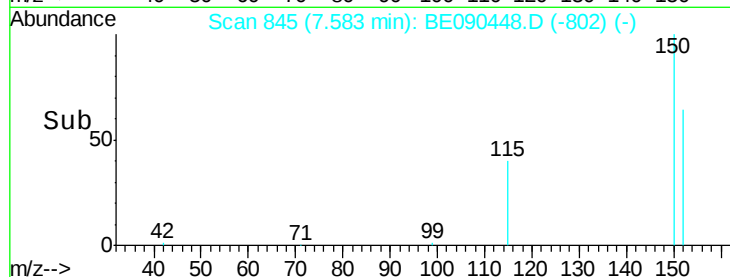
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BE090448.D
 Acq: 12 Aug 2015 3:24

Instrument :
 BNA_E
 ClientSampleId :
 PB84962BSD

Tgt Ion: 152 Resp: 18929
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.0 184.4
 115 62.5 48.9 73.3

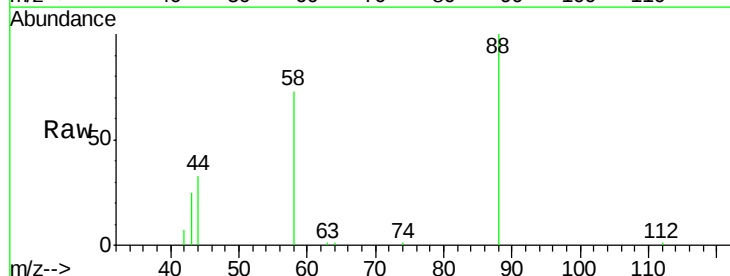


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

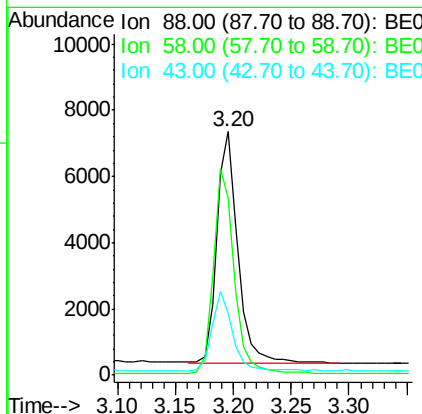
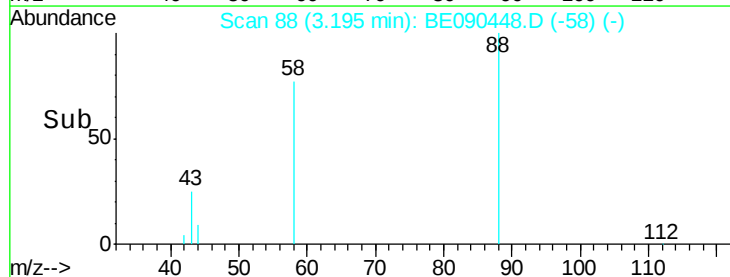


#2
 1,4-Dioxane
 Concen: 3.97 ng
 RT: 3.20 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BE090448.D
 Acq: 12 Aug 2015 3:24

Tgt Ion: 88 Resp: 8917
 Ion Ratio Lower Upper
 88 100
 58 87.6 70.0 105.0
 43 32.6 28.4 42.6



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: 3.97 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

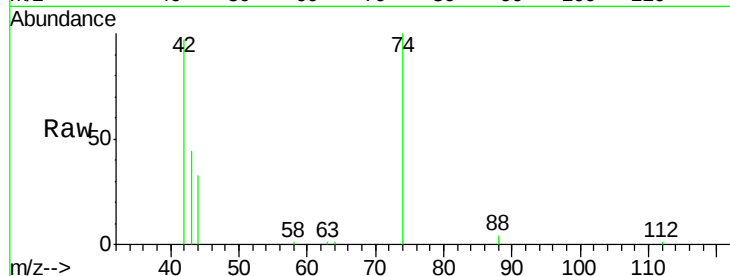
Tgt Ion: 42 Resp: 11619

Ion Ratio Lower Upper

42 100

74 104.4 75.2 112.8

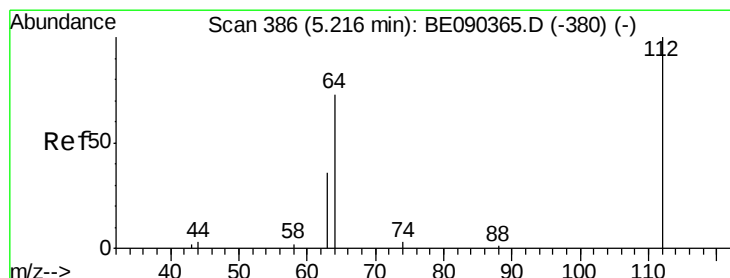
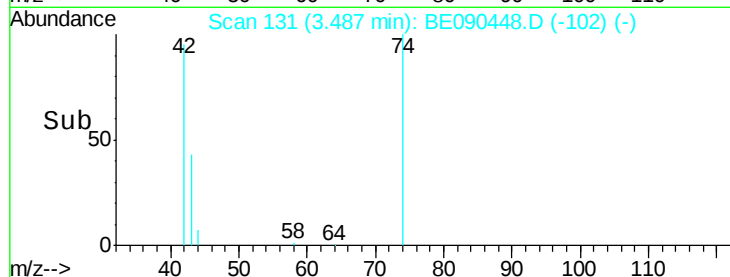
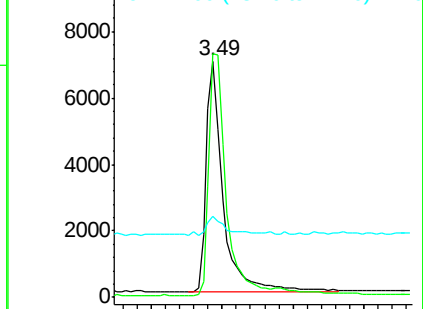
44 8.1 8.7 13.1#



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: 11.44 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

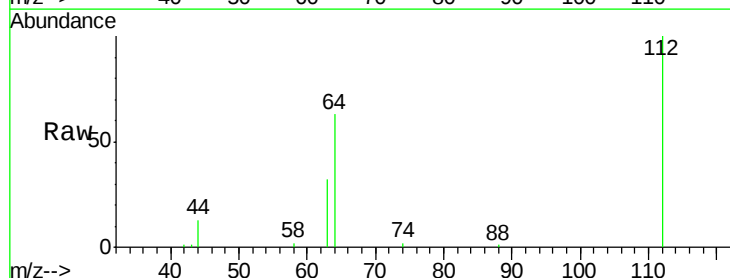
Tgt Ion: 112 Resp: 32488

Ion Ratio Lower Upper

112 100

64 71.0 37.1 55.7#

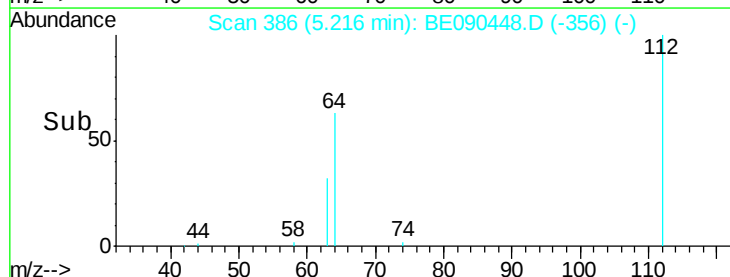
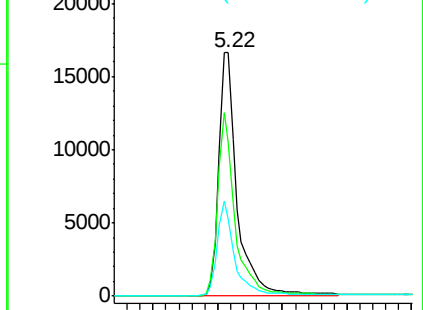
63 36.4 19.5 29.3#

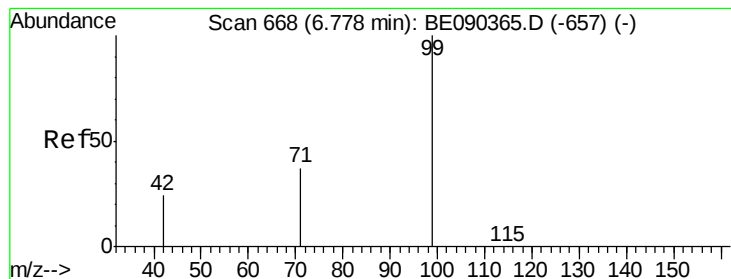


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.53 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

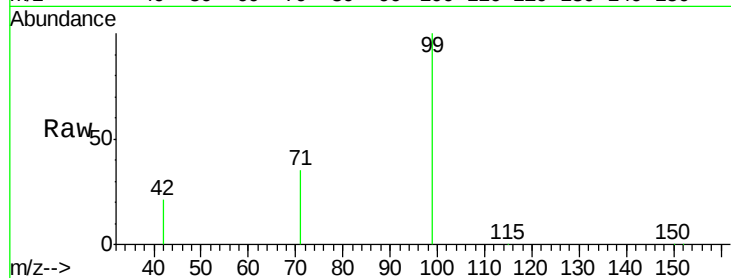
Tgt Ion: 99 Resp: 52687

Ion Ratio Lower Upper

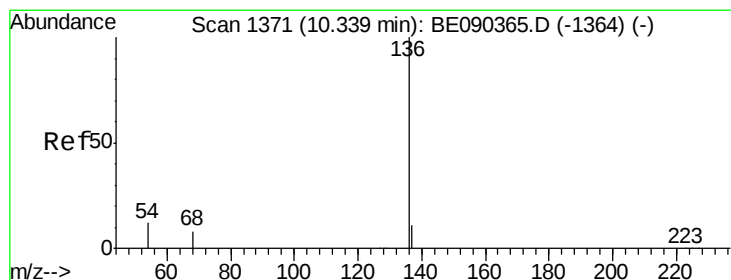
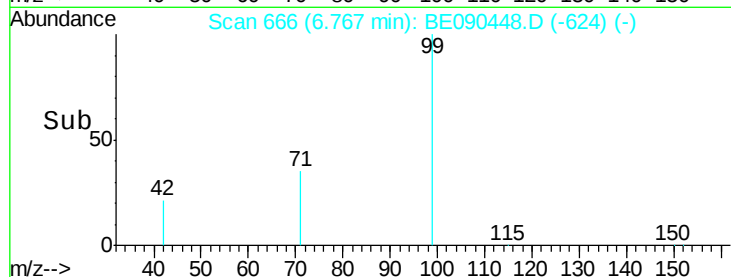
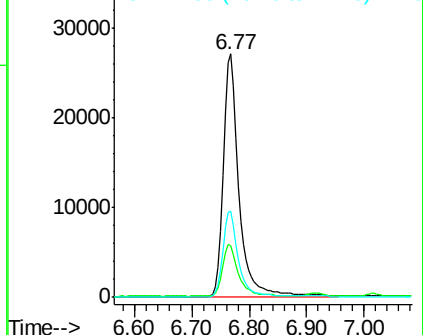
99 100

42 21.9 18.2 27.4

71 35.1 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: BE090448.D

Acq: 12 Aug 2015 3:24

Tgt Ion: 136 Resp: 88526

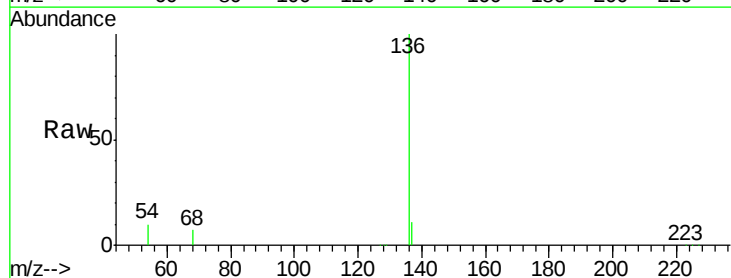
Ion Ratio Lower Upper

136 100

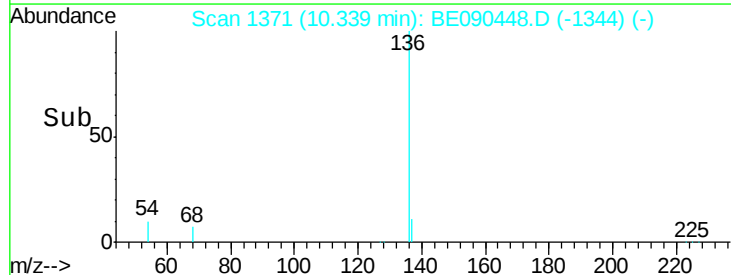
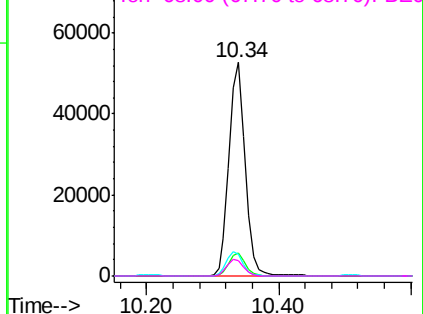
137 11.1 8.7 13.1

54 10.0 9.4 14.0

68 7.3 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 3.71 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

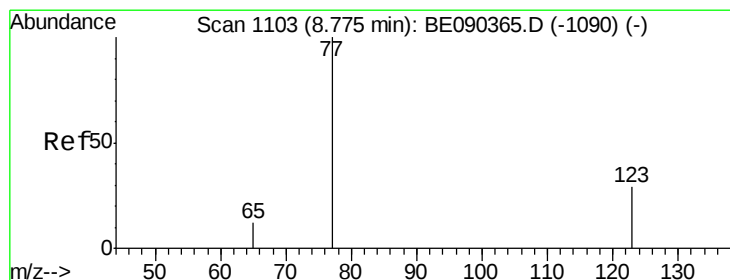
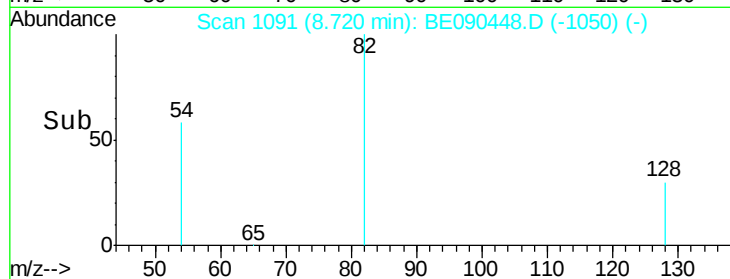
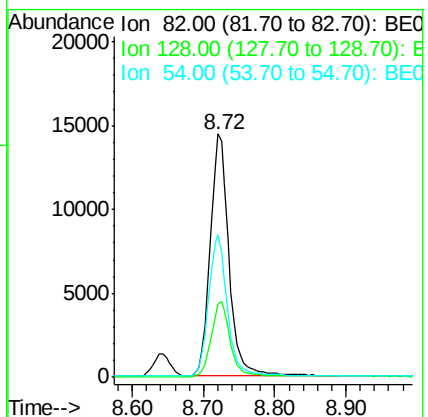
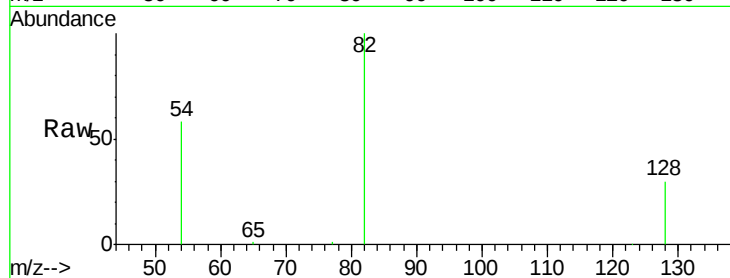
Tgt Ion: 82 Resp: 26345

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

54 58.3 48.8 73.2



#8

Nitrobenzene

Concen: 3.61 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

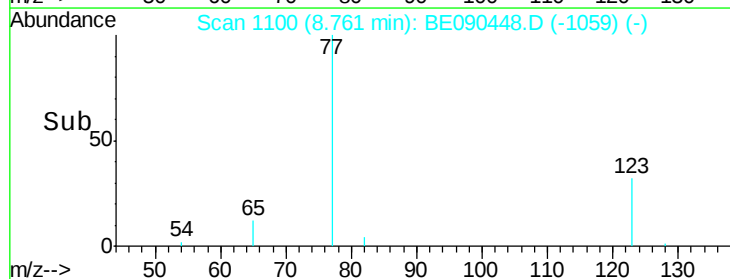
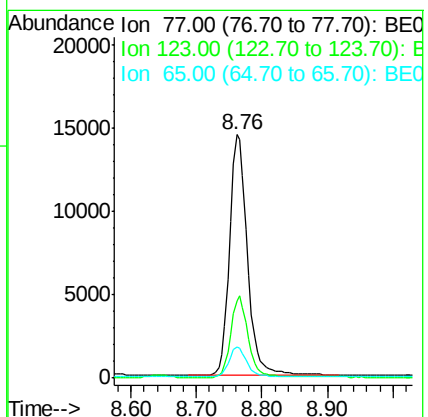
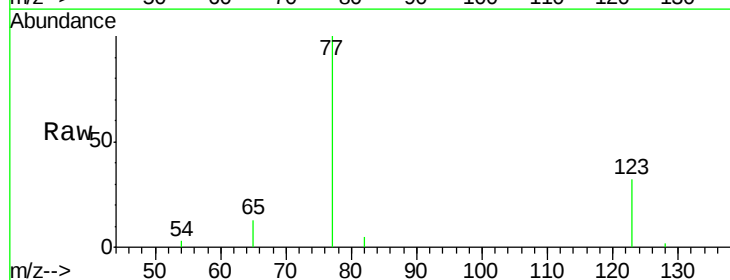
Tgt Ion: 77 Resp: 27345

Ion Ratio Lower Upper

77 100

123 33.2 25.1 37.7

65 12.7 9.3 13.9





#9

Naphthalene

Concen: 3.71 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampled :

PB84962BSD

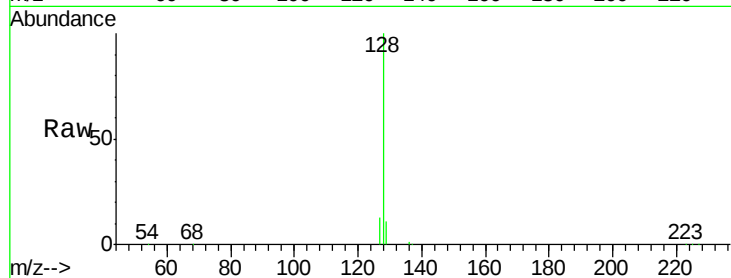
Tgt Ion:128 Resp: 72494

Ion Ratio Lower Upper

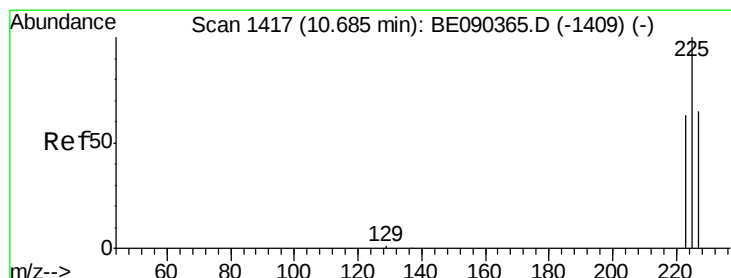
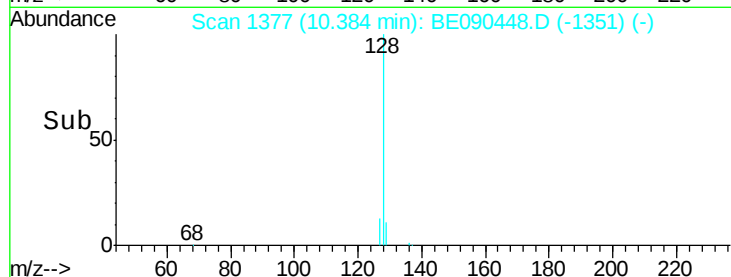
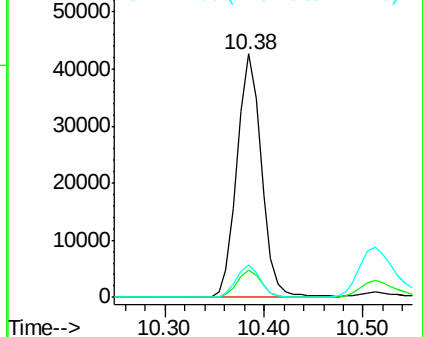
128 100

129 11.4 9.8 14.6

127 13.1 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: 4.11 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

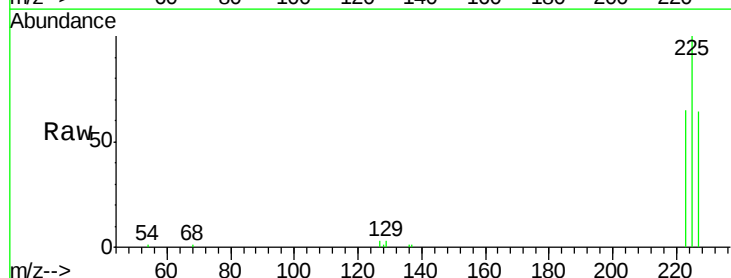
Tgt Ion:225 Resp: 12176

Ion Ratio Lower Upper

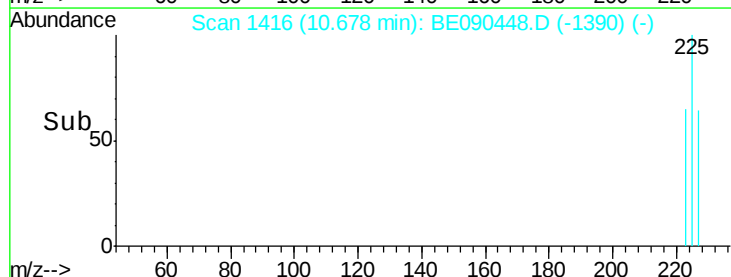
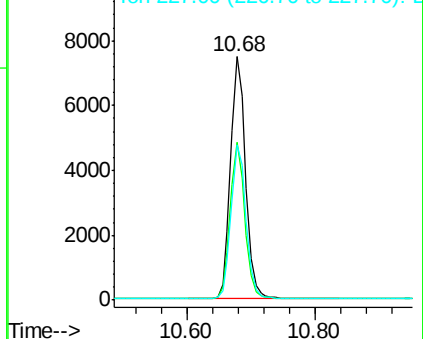
225 100

223 63.2 50.6 75.8

227 63.9 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

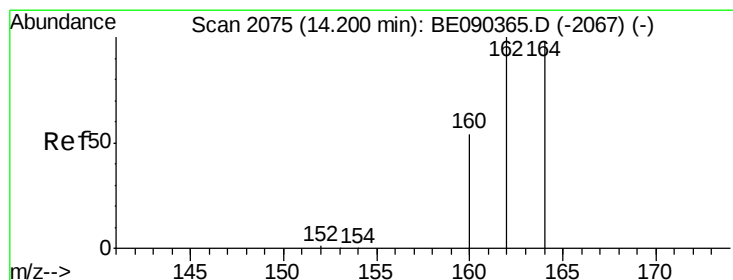
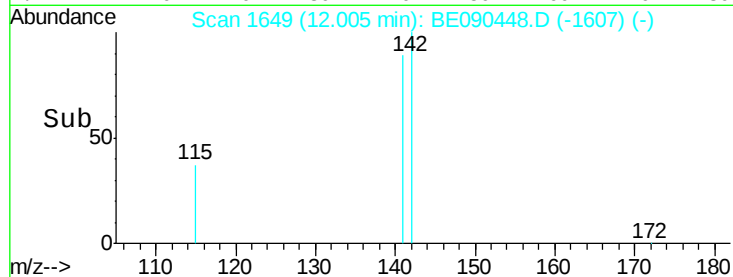
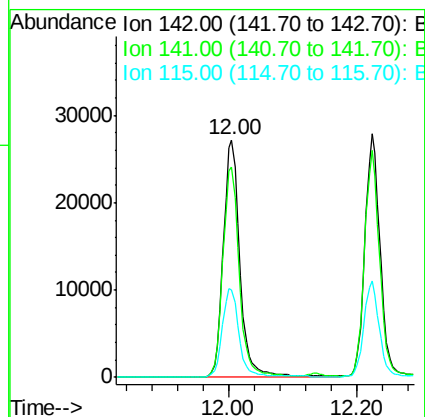
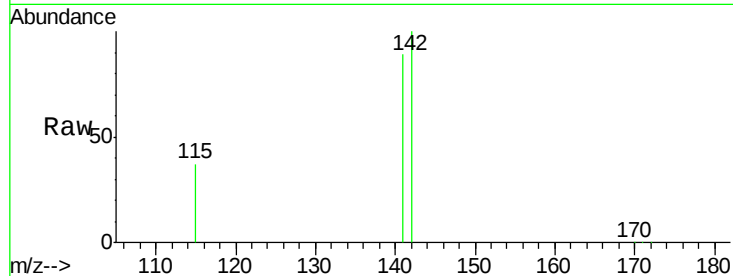




#11
2-Methylnaphthalene
Concen: 4.25 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090448.D
Acq: 12 Aug 2015 3:24

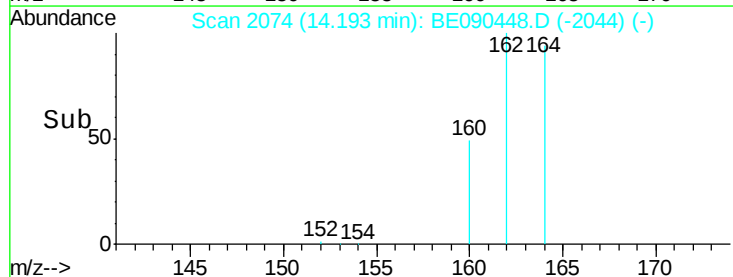
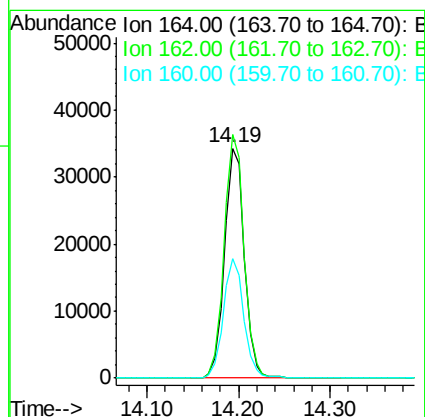
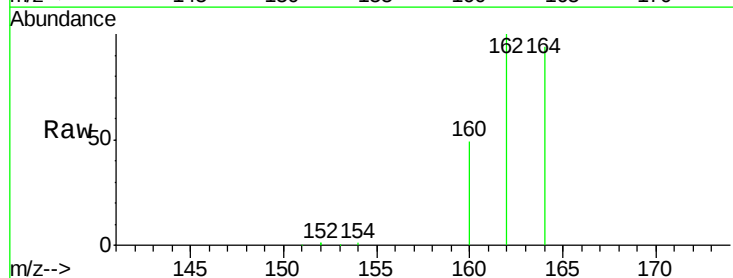
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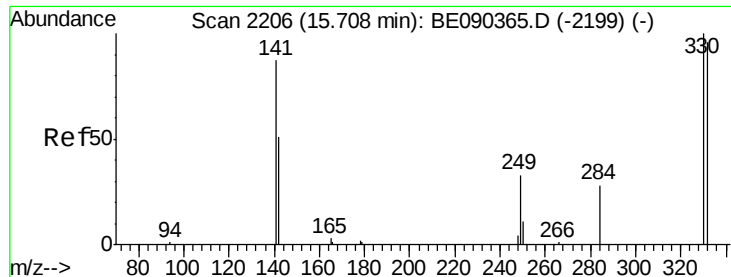
Tgt Ion:142 Resp: 48189
Ion Ratio Lower Upper
142 100
141 88.6 72.6 109.0
115 36.9 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090448.D
Acq: 12 Aug 2015 3:24

Tgt Ion:164 Resp: 51116
Ion Ratio Lower Upper
164 100
162 105.9 81.8 122.8
160 52.2 44.2 66.4

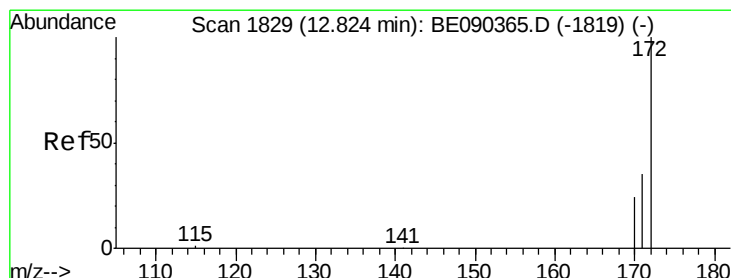
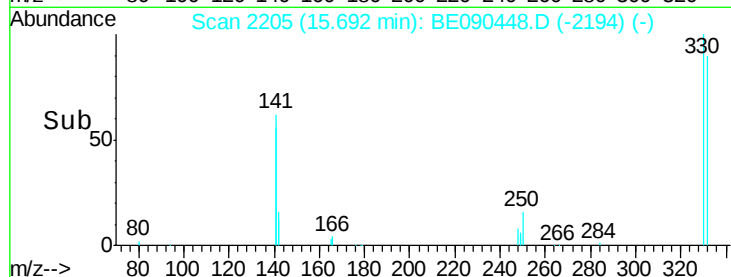
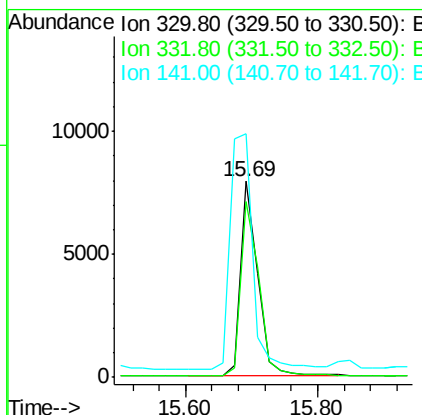
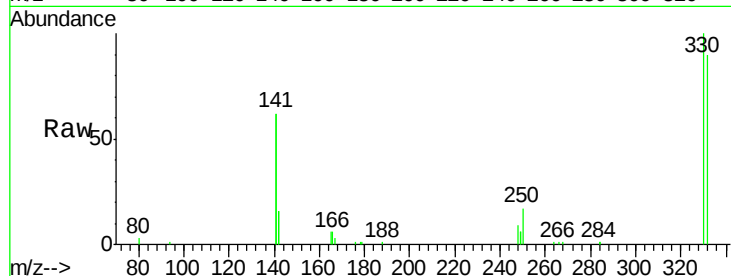




#13
 2,4,6-Tribromophenol
 Concen: 8.80 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090448.D
 Acq: 12 Aug 2015 3:24

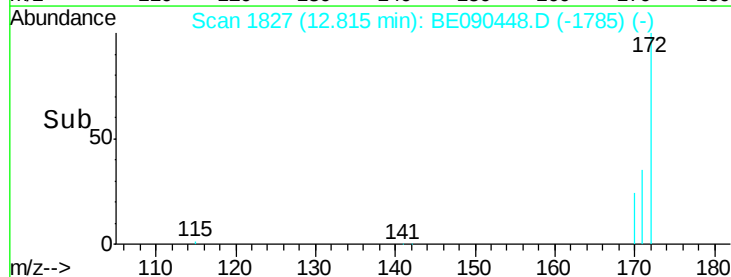
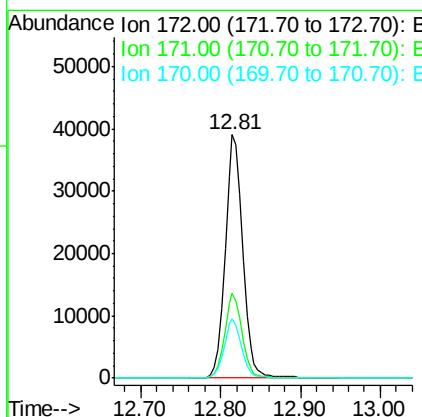
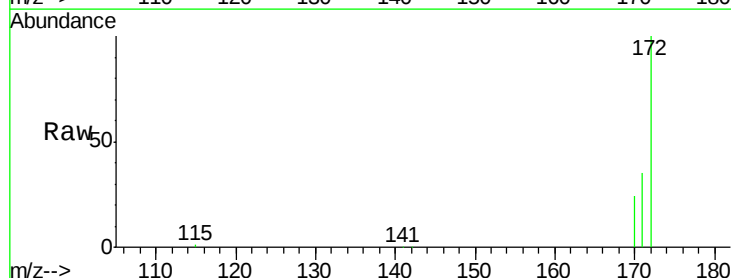
Instrument :
 BNA_E
 ClientSampleId :
 PB84962BSD

Tgt Ion: 330 Resp: 14433
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.8 113.6
 141 156.8 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 4.23 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090448.D
 Acq: 12 Aug 2015 3:24

Tgt Ion: 172 Resp: 59453
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 24.2 19.8 29.8





#15

Acenaphthylene

Concen: 4.13 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

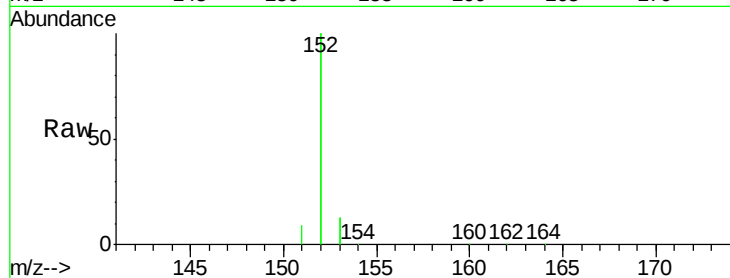
Tgt Ion:152 Resp: 341518

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

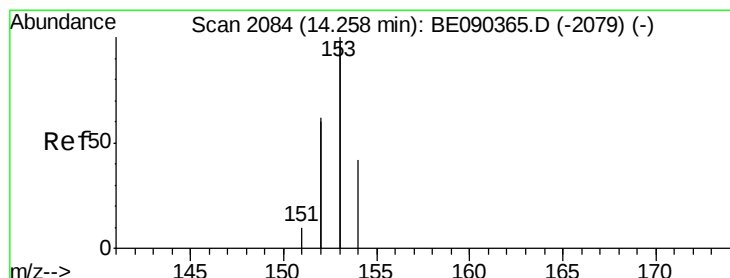
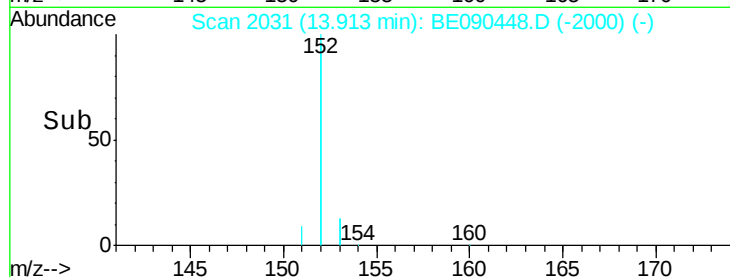
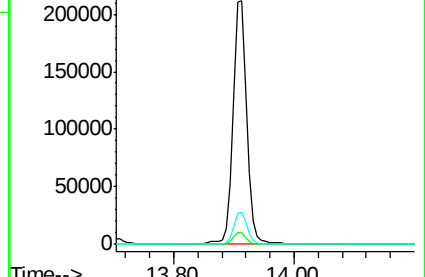
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 3.92 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

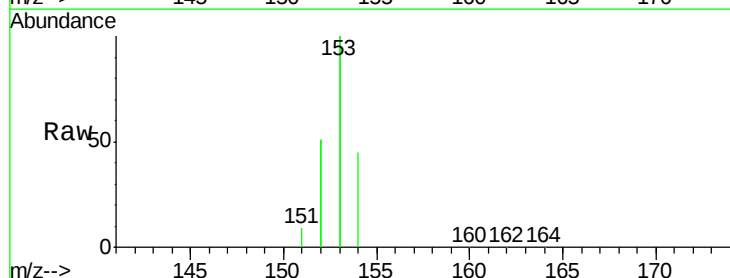
Tgt Ion:154 Resp: 50443

Ion Ratio Lower Upper

154 100

153 460.9 376.2 564.2

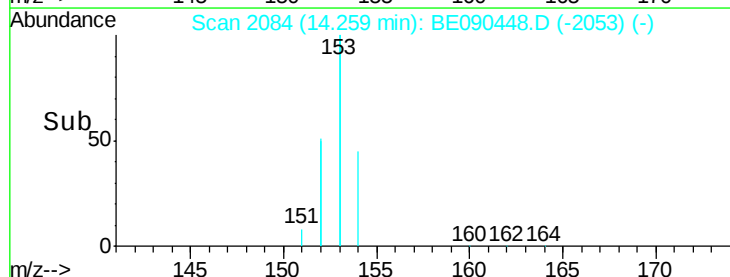
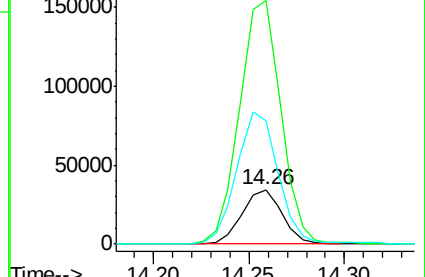
152 251.5 235.0 352.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 4.06 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

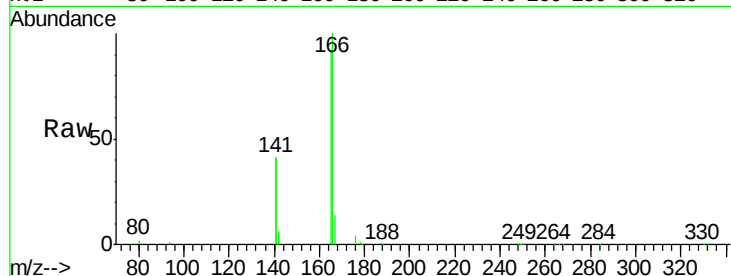
Tgt Ion:166 Resp: 67815

Ion Ratio Lower Upper

166 100

165 99.5 81.5 122.3

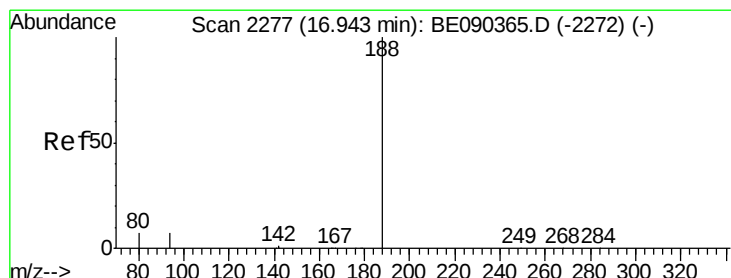
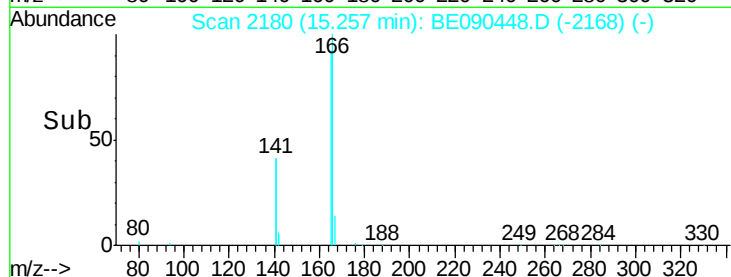
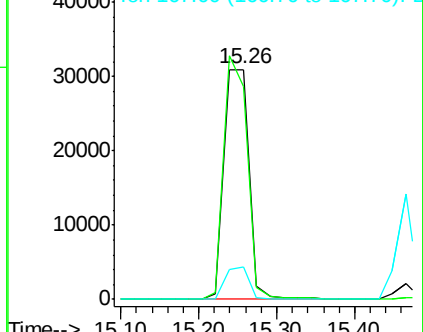
167 13.5 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

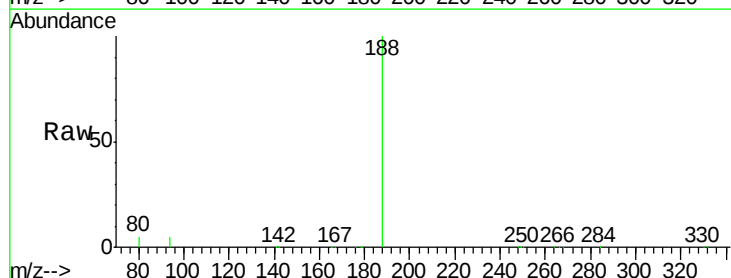
Tgt Ion:188 Resp: 117603

Ion Ratio Lower Upper

188 100

94 4.8 5.7 8.5#

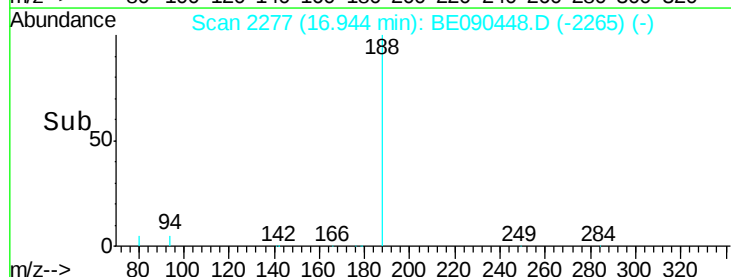
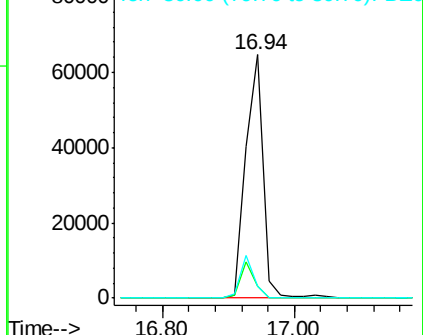
80 4.8 5.8 8.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 4.21 ng

RT: 16.14 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

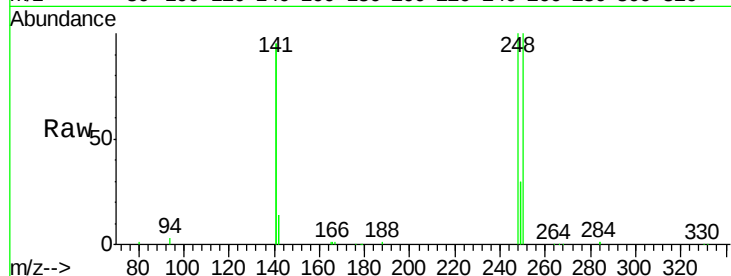
Tgt Ion:248 Resp: 19256

Ion Ratio Lower Upper

248 100

250 99.0 79.0 118.6

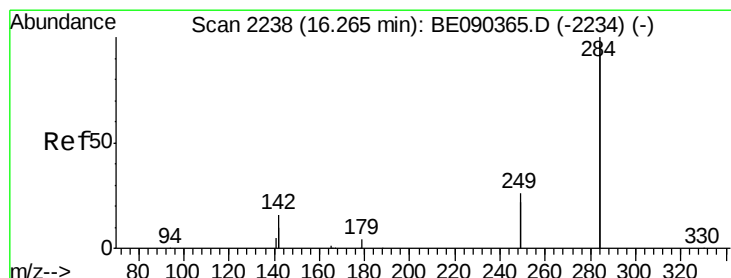
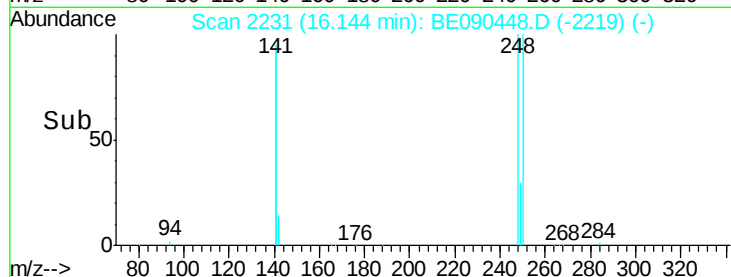
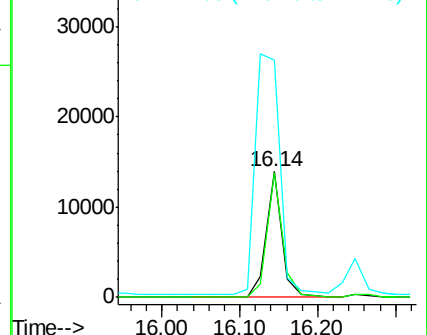
141 302.4 239.5 359.3



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: 3.60 ng

RT: 16.27 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

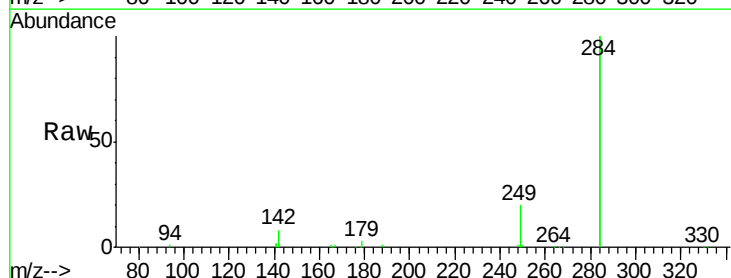
Tgt Ion:284 Resp: 85154

Ion Ratio Lower Upper

284 100

142 39.7 30.1 45.1

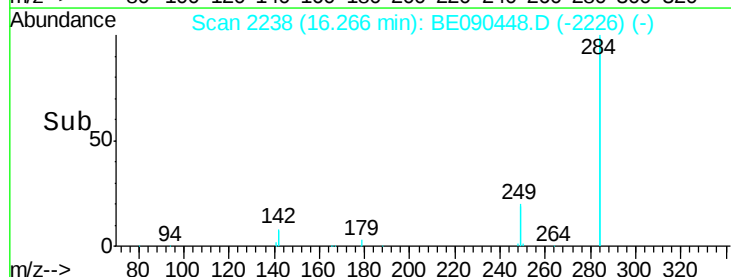
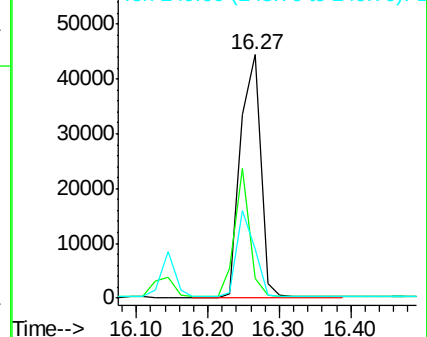
249 31.6 25.7 38.5



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: 7.49 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

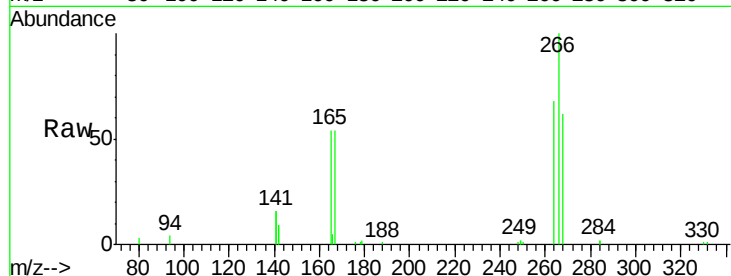
Tgt Ion:266 Resp: 13470

Ion Ratio Lower Upper

266 100

268 61.6 58.5 87.7

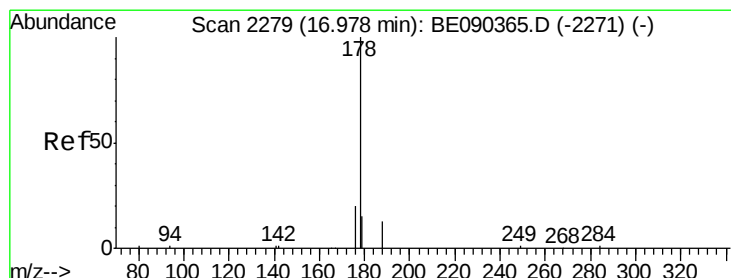
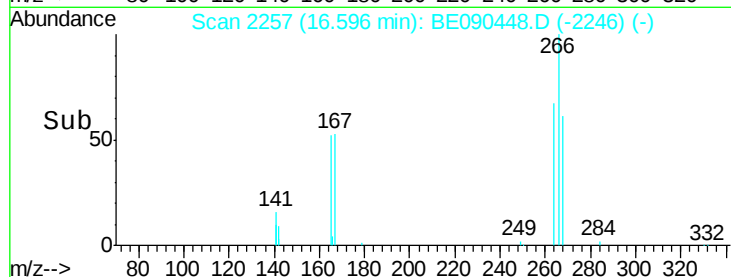
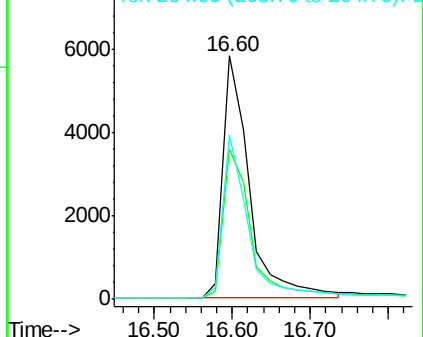
264 67.6 56.0 84.0



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: 3.94 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

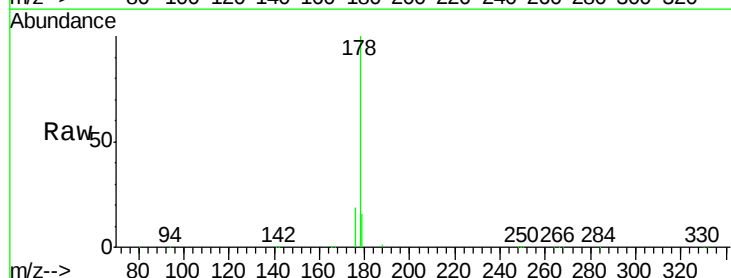
Tgt Ion:178 Resp: 115873

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

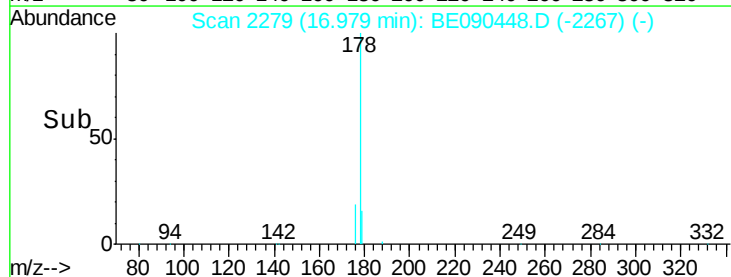
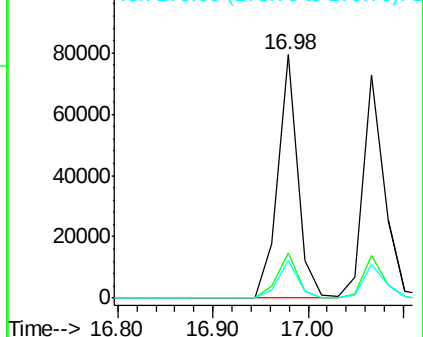
179 15.5 12.5 18.7



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: 4.69 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

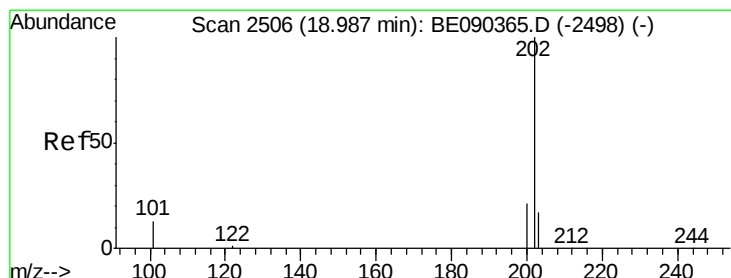
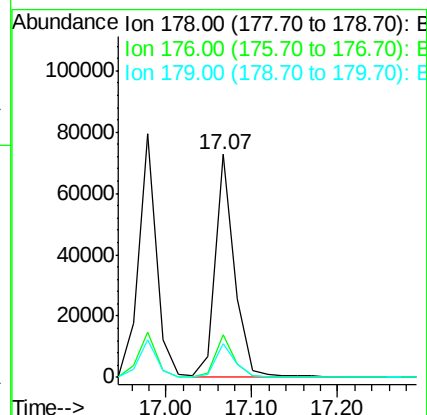
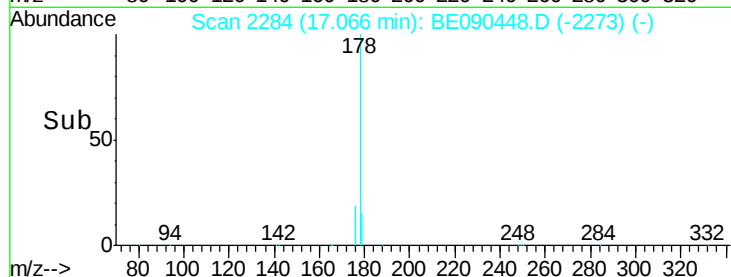
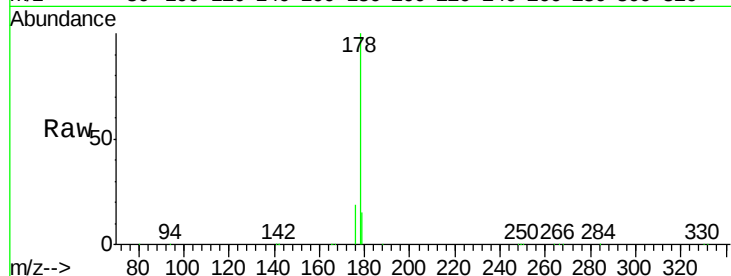
Tgt Ion:178 Resp: 113301

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.4 12.2 18.4



#24

Fluoranthene

Concen: 4.56 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

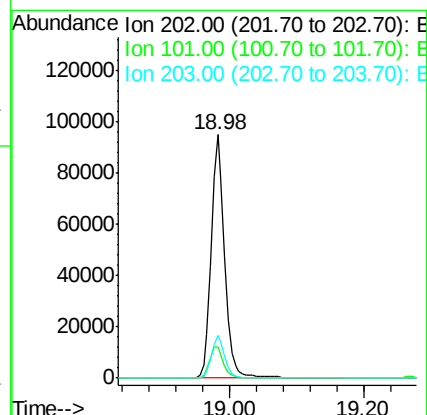
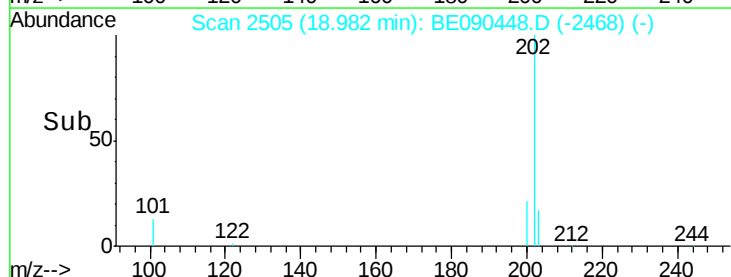
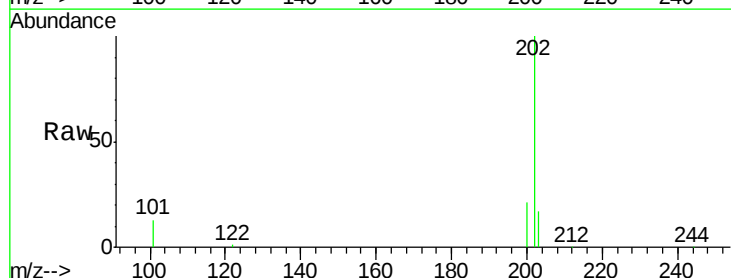
Tgt Ion:202 Resp: 132118

Ion Ratio Lower Upper

202 100

101 13.3 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

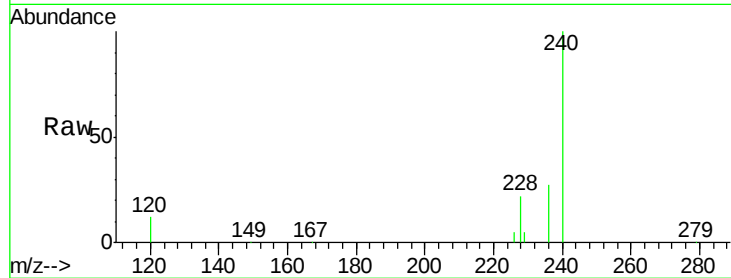
Tgt Ion:240 Resp: 143265

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

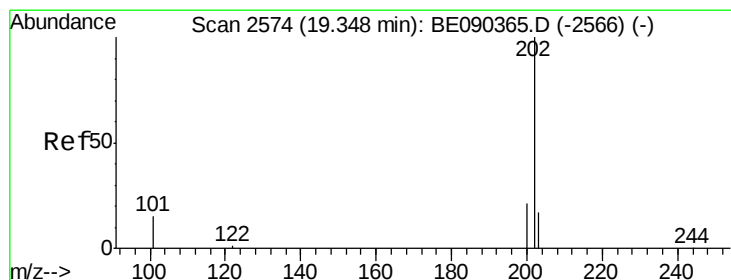
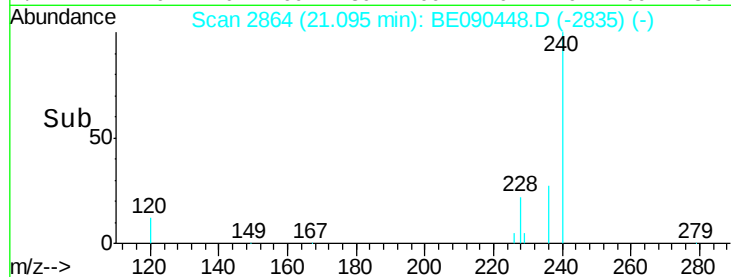
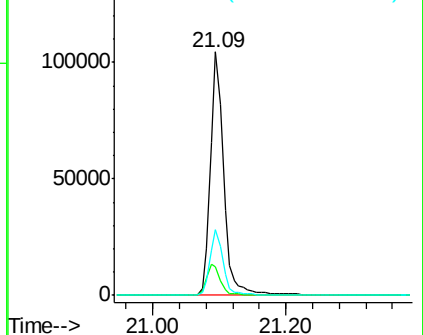
236 27.2 21.0 31.4



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: 4.69 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

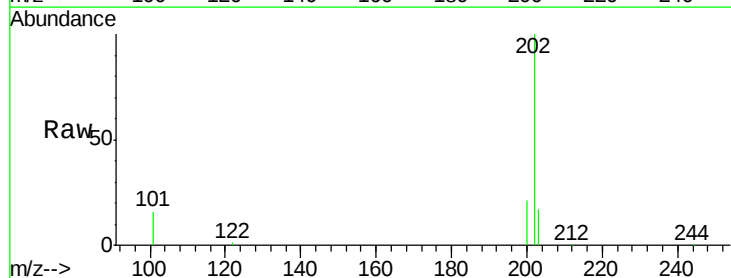
Tgt Ion:202 Resp: 145532

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

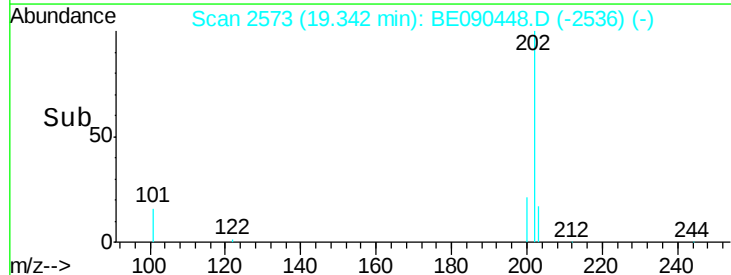
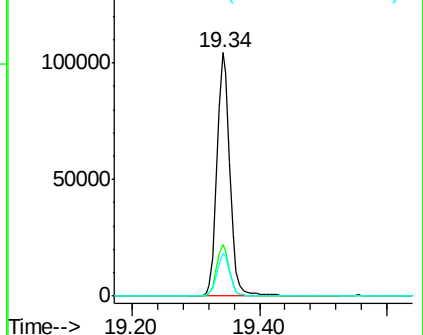
203 17.8 13.8 20.8



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

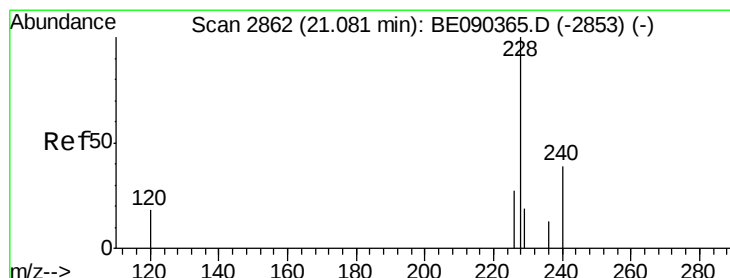
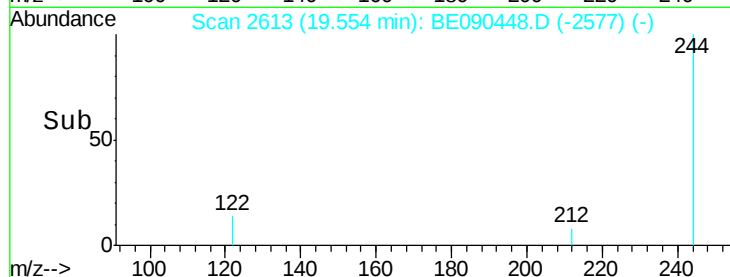
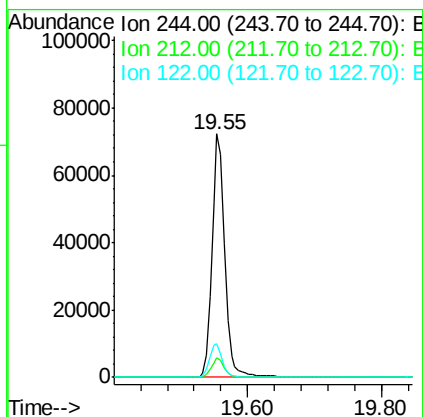
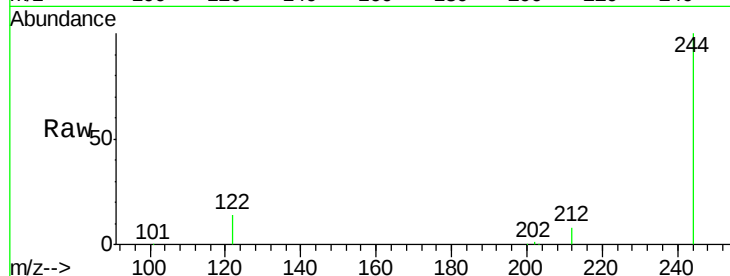




#27
 Terphenyl-d14
 Concen: 4.51 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090448.D
 Acq: 12 Aug 2015 3:24

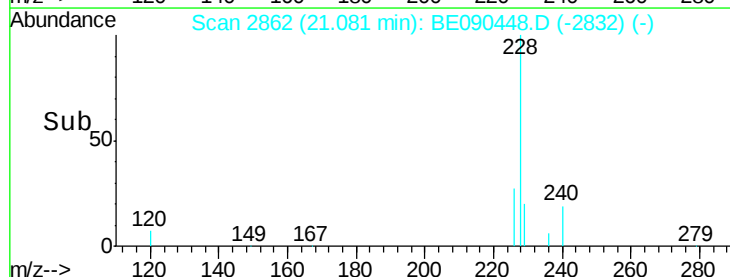
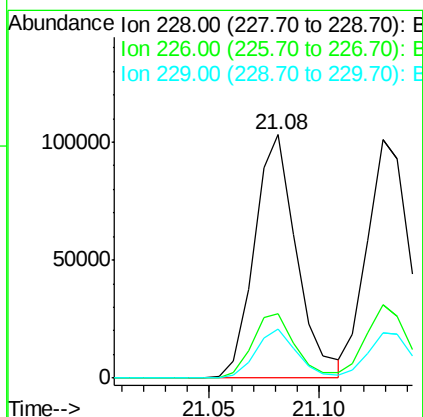
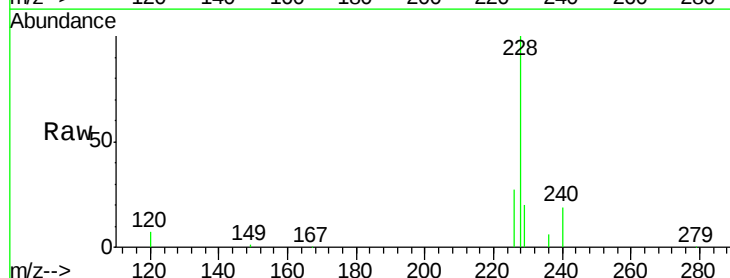
Instrument :
 BNA_E
 ClientSampleId :
 PB84962BSD

Tgt Ion: 244 Resp: 95180
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 13.9 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 4.33 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090448.D
 Acq: 12 Aug 2015 3:24

Tgt Ion: 228 Resp: 137447
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.9 32.9
 229 19.9 15.4 23.0





#29

Chrysene

Concen: 3.80 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

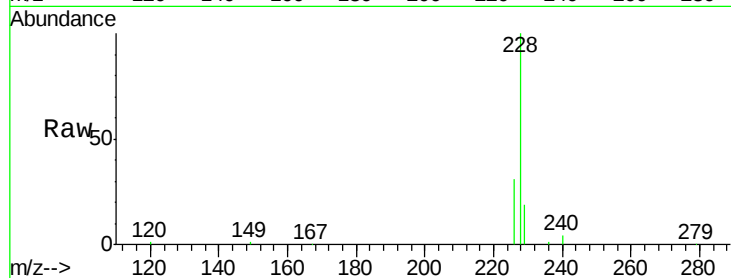
Tgt Ion:228 Resp: 145951

Ion Ratio Lower Upper

228 100

226 30.8 23.1 34.7

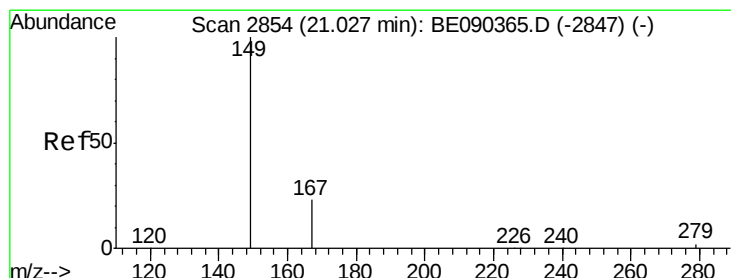
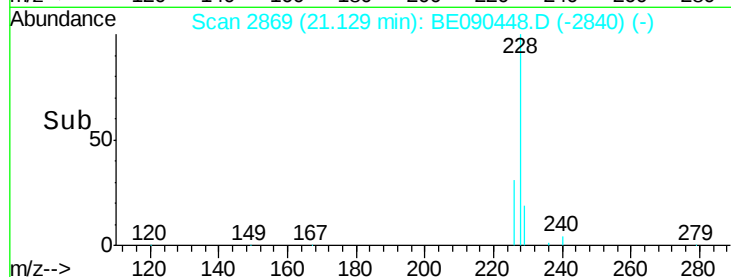
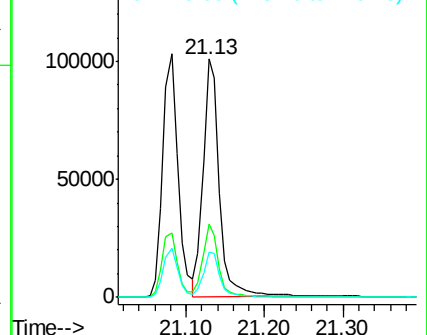
229 19.2 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 4.34 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

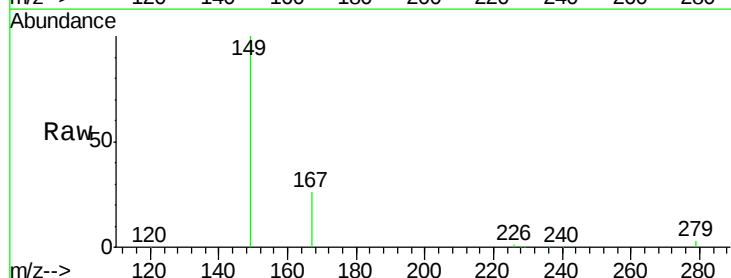
Tgt Ion:149 Resp: 47271

Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

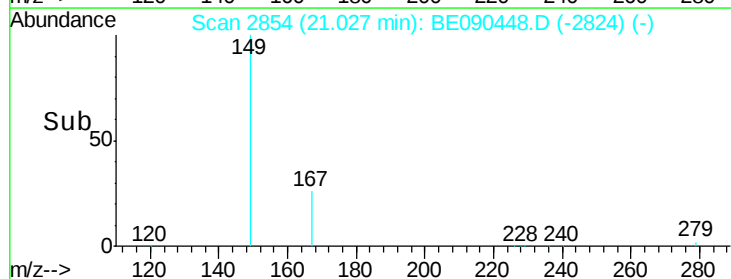
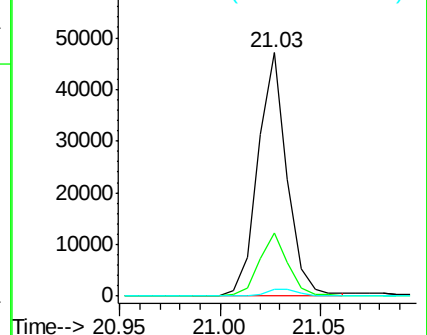
279 3.1 2.4 3.6



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: 3.51 ng

RT: 25.78 min Scan# 3826

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

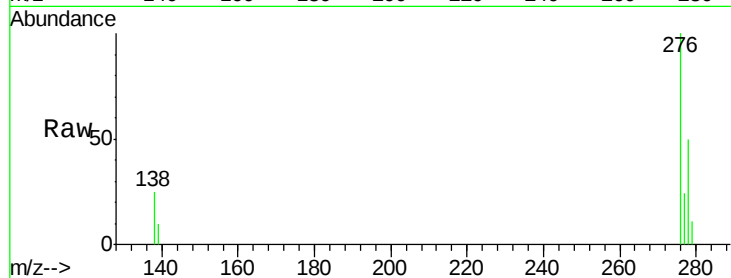
Tgt Ion: 276 Resp: 118805

Ion Ratio Lower Upper

276 100

138 26.7 18.8 28.2

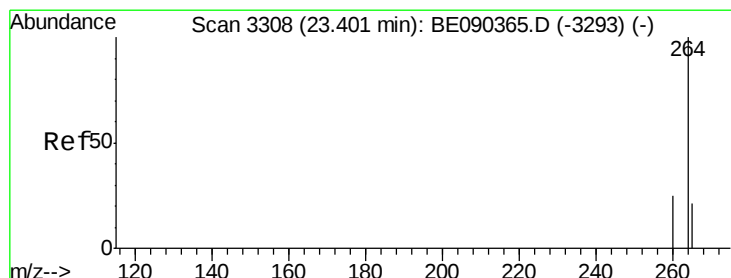
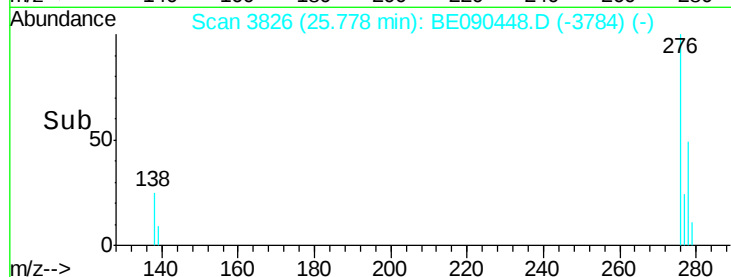
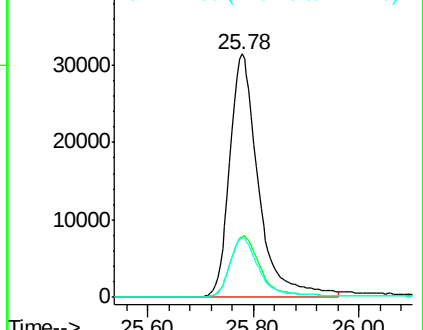
277 24.6 18.2 27.4



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: BE090448.D

Acq: 12 Aug 2015 3:24

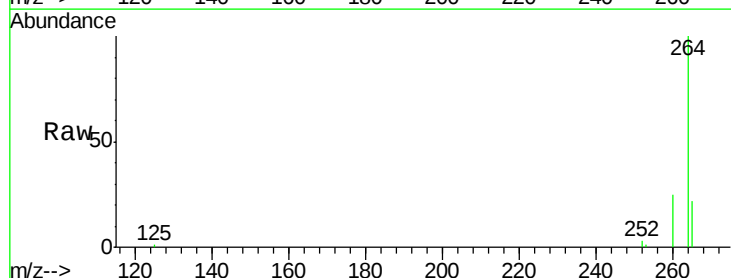
Tgt Ion: 264 Resp: 121464

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

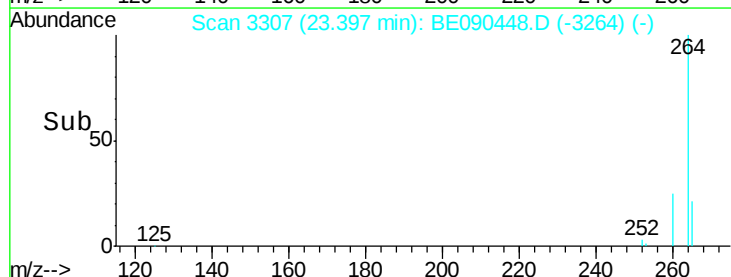
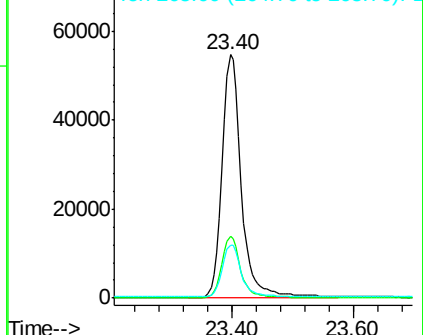
265 21.6 17.2 25.8



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: 4.18 ng

RT: 22.70 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

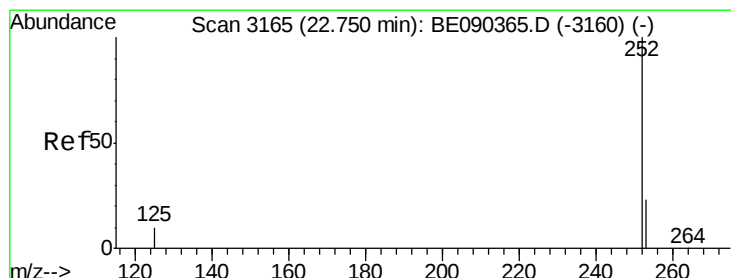
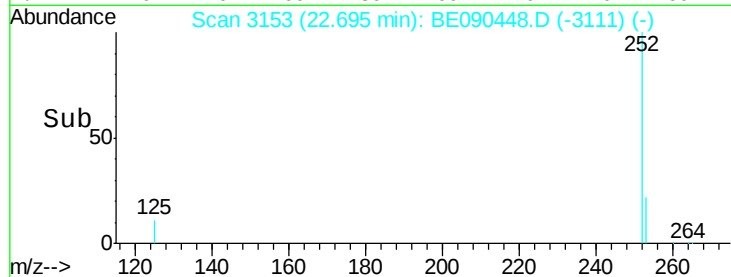
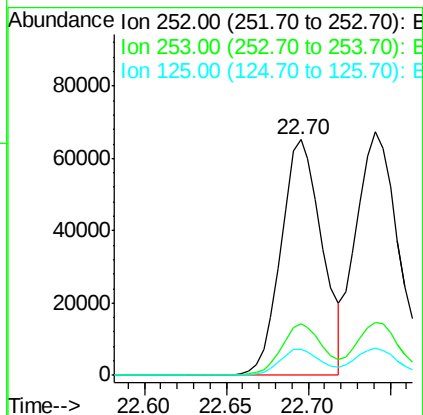
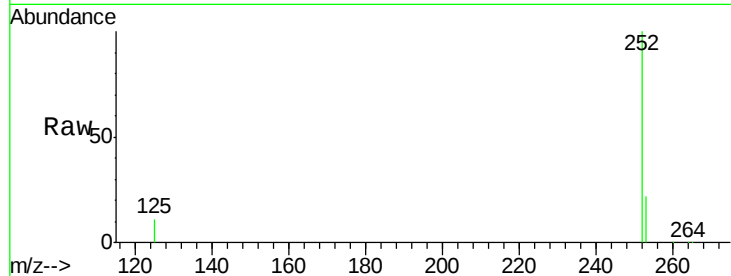
BNA_E

ClientSampleId :

PB84962BSD

Tgt Ion:252 Resp: 113716

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.3	9.4	14.2



#34

Benzo(k)fluoranthene

Concen: 3.89 ng

RT: 22.74 min Scan# 3163

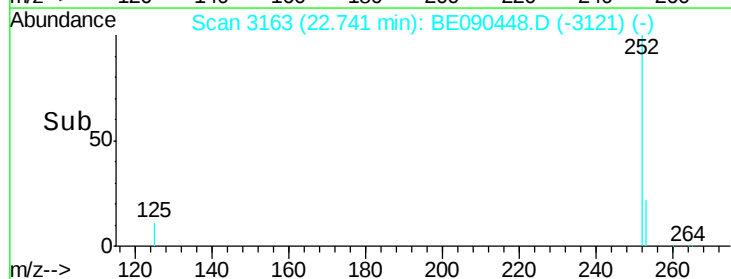
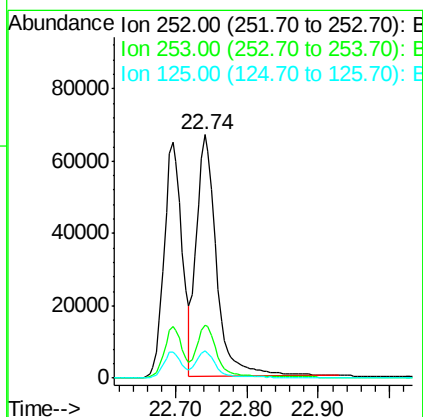
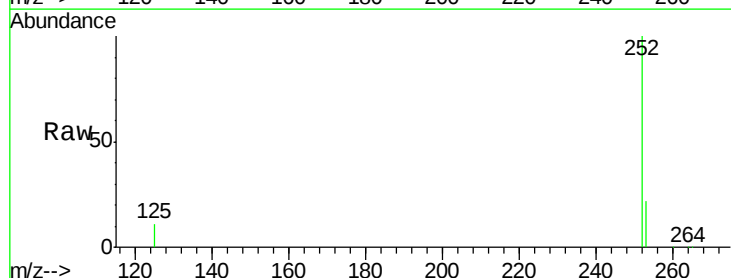
Delta R.T. -0.01 min

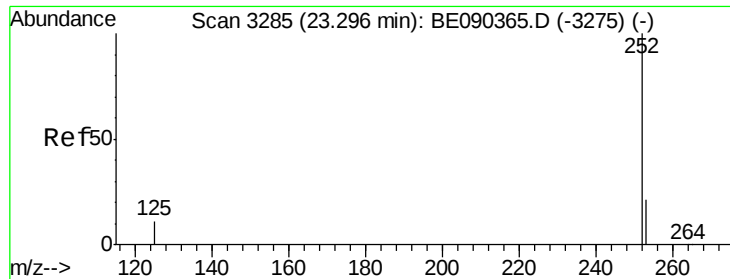
Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Tgt Ion:252 Resp: 131639

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.1	9.1	13.7





#35

Benzo(a)pyrene

Concen: 4.06 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD

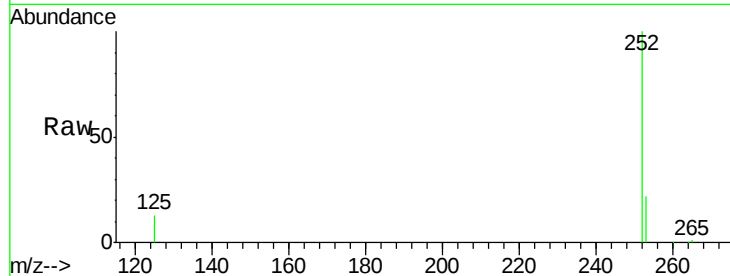
Tgt Ion: 252 Resp: 104348

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

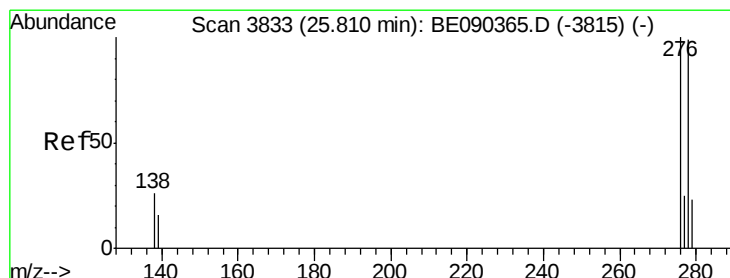
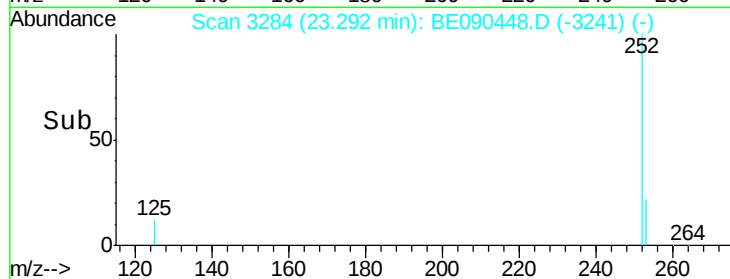
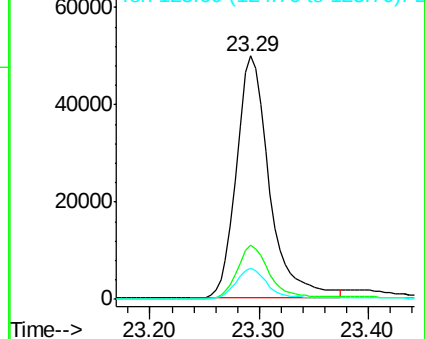
125 12.6 9.8 14.6



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: 3.81 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090448.D

Acq: 12 Aug 2015 3:24

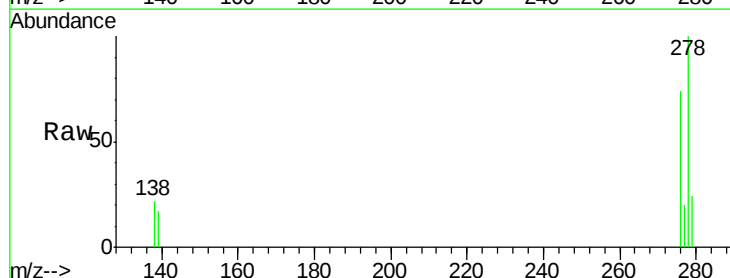
Tgt Ion: 278 Resp: 95043

Ion Ratio Lower Upper

278 100

139 16.8 14.2 21.4

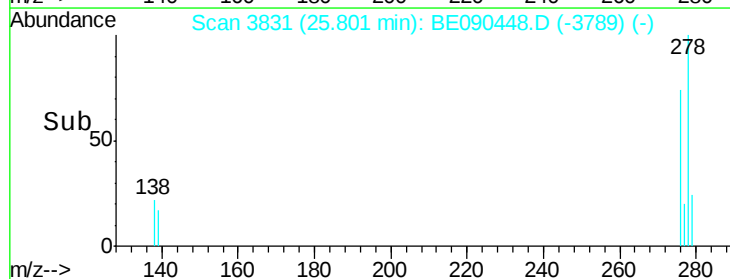
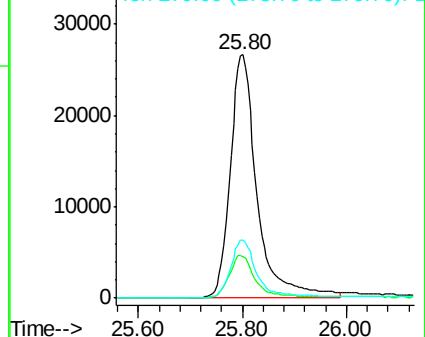
279 23.9 20.1 30.1



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(g,h,i)perylene

Concen: 4.69 ng

RT: 26.51 min Scan# 3986

Delta R.T. -0.01 min

Lab File: BE090448.D

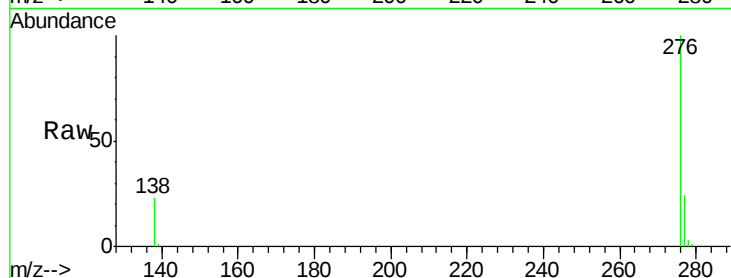
Acq: 12 Aug 2015 3:24

Instrument :

BNA_E

ClientSampleId :

PB84962BSD



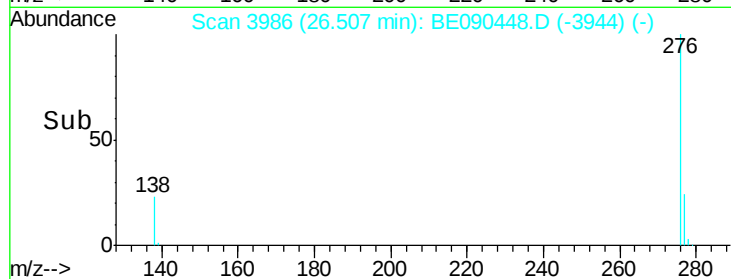
Tgt Ion: 276 Resp: 105108

Ion Ratio Lower Upper

276 100

277 23.8 20.1 30.1

138 23.1 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

