

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
 Data File : BE090400.D
 Acq On : 7 Aug 2015 16:40
 Operator : TP/UM
 Sample : PB84826BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD

Quant Time: Aug 07 23:04:41 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	22856	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	107073	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	61862	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	143379	5.00	ng	0.00
25) Chrysene-d12	21.10	240	181522	5.00	ng	0.00
32) Perylene-d12	23.40	264	151313	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	27415	7.99	ng	0.00
5) Phenol-d6	6.76	99	48237	6.53	ng	-0.01
7) Nitrobenzene-d5	8.72	82	33312	3.87	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	9935	5.98	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	75255	4.42	ng	0.00
27) Terphenyl-d14	19.55	244	124807	4.67	ng	-0.01

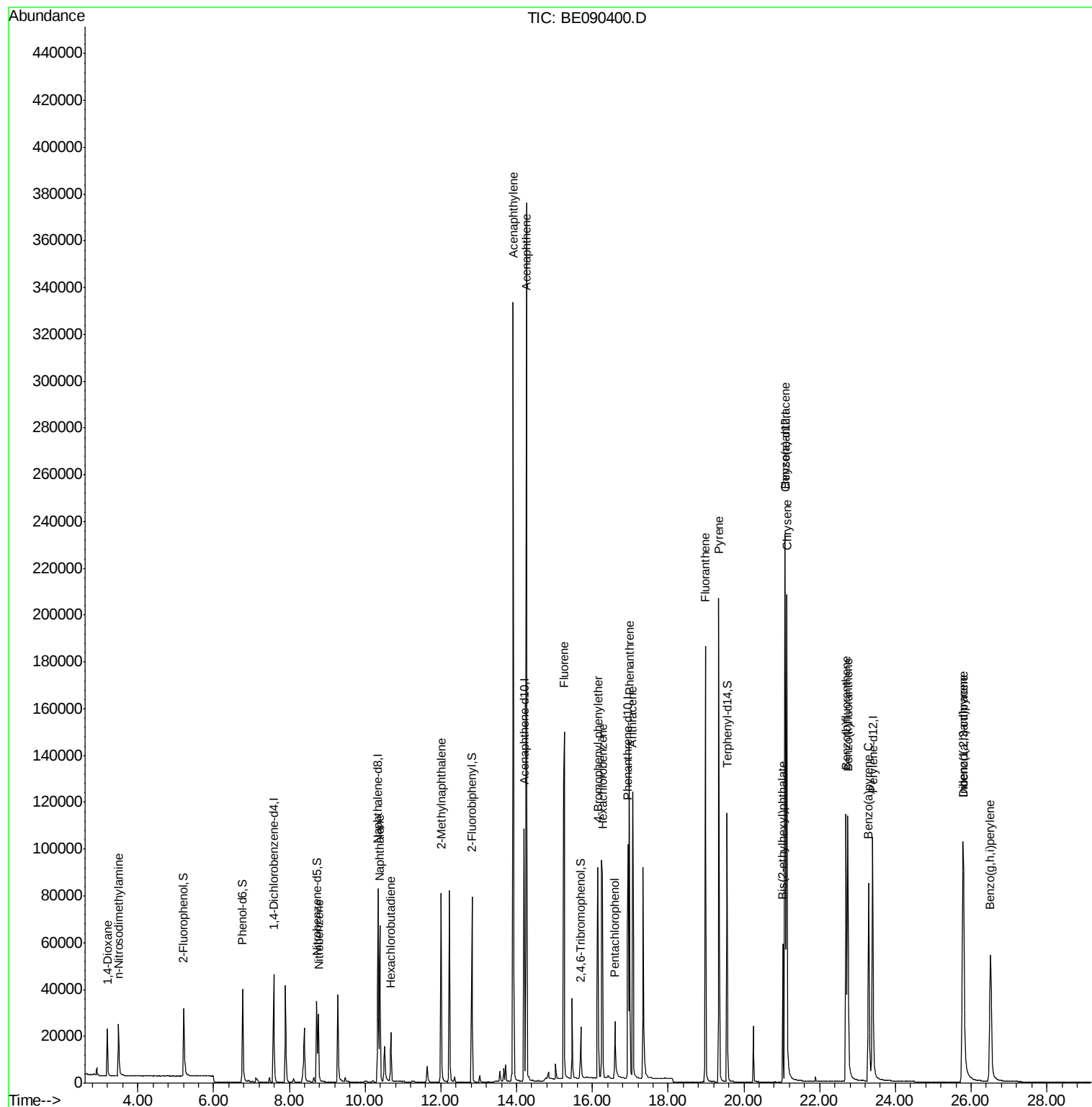
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	11349	4.19	ng	99
3) n-Nitrosodimethylamine	3.49	42	14805	4.19	ng	# 92
8) Nitrobenzene	8.77	77	35037	3.81	ng	97
9) Naphthalene	10.38	128	92741	3.92	ng	99
10) Hexachlorobutadiene	10.69	225	15493	4.32	ng	100
11) 2-Methylnaphthalene	12.00	142	60169	4.39	ng	99
15) Acenaphthylene	13.91	152	424638	4.24	ng	100
16) Acenaphthene	14.26	154	63798	4.10	ng	92
17) Fluorene	15.26	166	87264	4.31	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	24427	4.38	ng	98
20) Hexachlorobenzene	16.27	284	111087	3.86	ng	99
21) Pentachlorophenol	16.60	266	15364	7.19	ng	91
22) Phenanthrene	16.98	178	152016	4.24	ng	99
23) Anthracene	17.07	178	145077	4.92	ng	100
24) Fluoranthene	18.98	202	167434	4.74	ng	100
26) Pyrene	19.34	202	185470	4.71	ng	99
28) Benzo(a)anthracene	21.08	228	181737	4.52	ng	99
29) Chrysene	21.14	228	198725	4.09	ng	99
30) Bis(2-ethylhexyl)phthalate	21.03	149	47002	3.63	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	150520	3.51	ng	95
33) Benzo(b)fluoranthene	22.70	252	146439	4.31	ng	98
34) Benzo(k)fluoranthene	22.75	252	179533	4.26	ng	99
35) Benzo(a)pyrene	23.30	252	133862	4.18	ng	100
36) Dibenzo(a,h)anthracene	25.80	278	120058	3.86	ng	98
37) Benzo(g,h,i)perylene	26.51	276	132090	4.73	ng	98

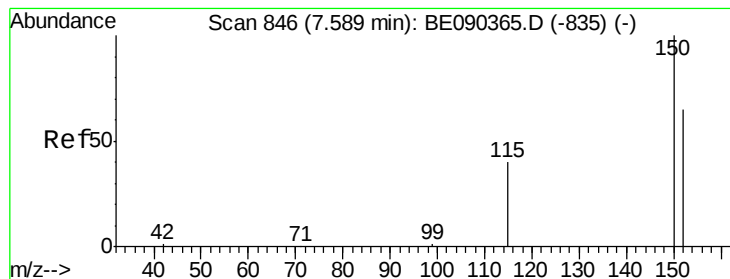
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090400.D
Acq On : 7 Aug 2015 16:40
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Sample : PB84826BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84826BSD

Quant Time: Aug 07 23:04:41 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. -0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

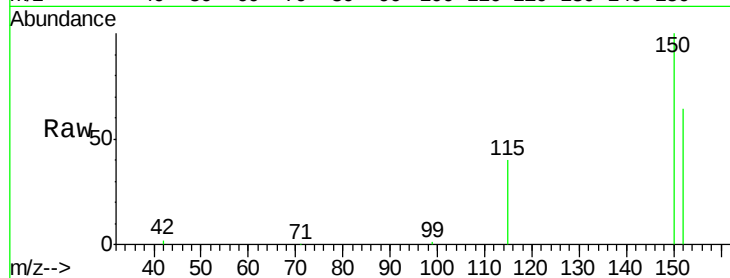
Tgt Ion:152 Resp: 22856

Ion Ratio Lower Upper

152 100

150 155.4 123.0 184.4

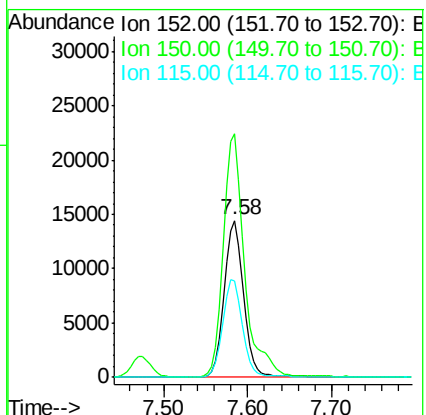
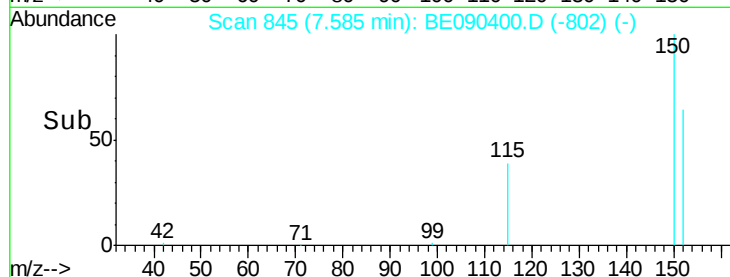
115 61.5 48.9 73.3



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: 4.19 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

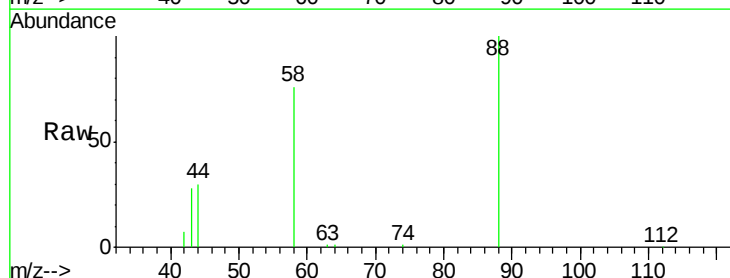
Tgt Ion: 88 Resp: 11349

Ion Ratio Lower Upper

88 100

58 87.9 70.0 105.0

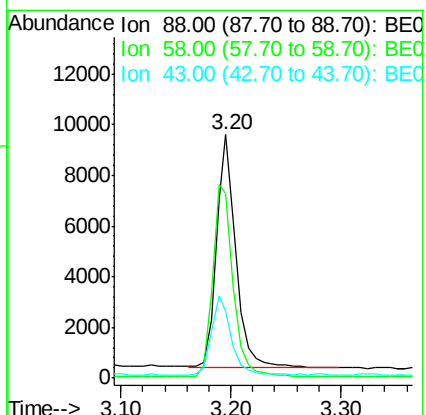
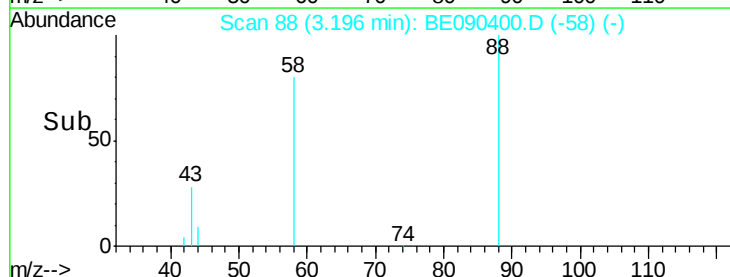
43 34.0 28.4 42.6



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: 4.19 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.01 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

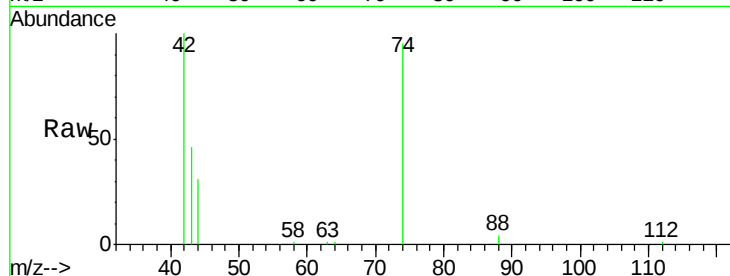
Tgt Ion: 42 Resp: 14805

Ion Ratio Lower Upper

42 100

74 101.9 75.2 112.8

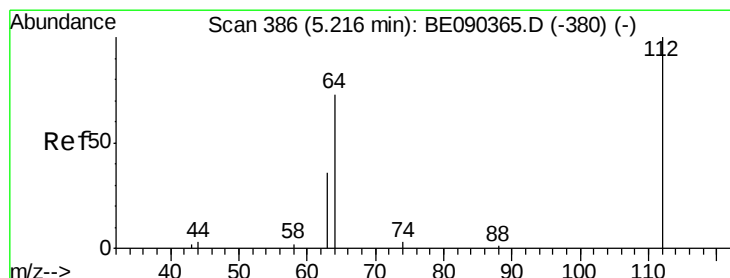
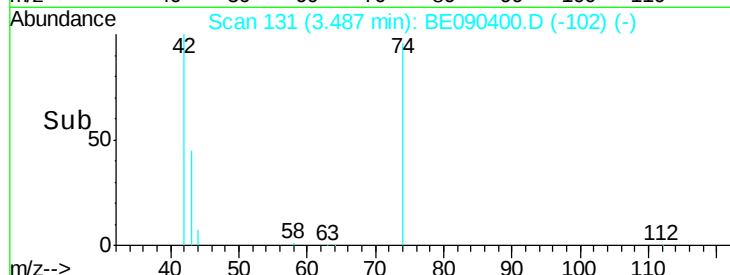
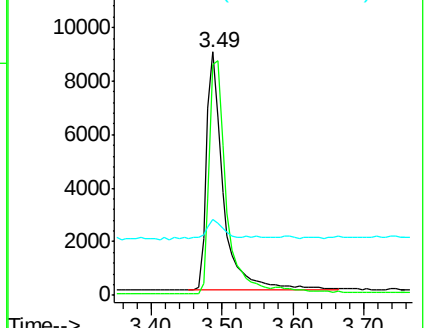
44 7.1 8.7 13.1#



Abundance Ion 42.00 (41.70 to 42.70): BE090365.D (-127) (-)

Ion 74.00 (73.70 to 74.70): BE090365.D (-127) (-)

Ion 44.00 (43.70 to 44.70): BE090365.D (-127) (-)



#4

2-Fluorophenol

Concen: 7.99 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

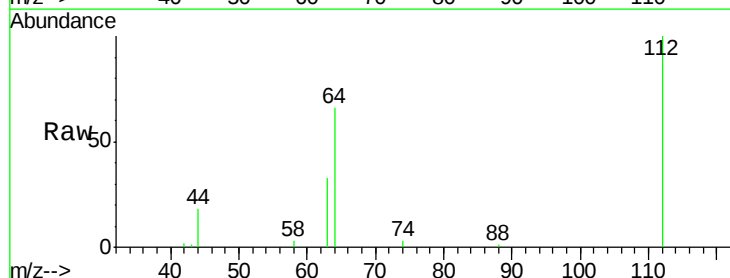
Tgt Ion: 112 Resp: 27415

Ion Ratio Lower Upper

112 100

64 71.0 37.1 55.7#

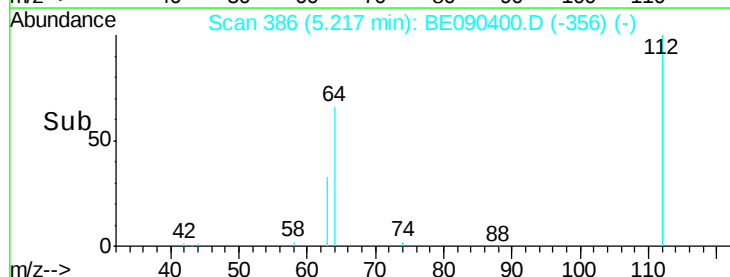
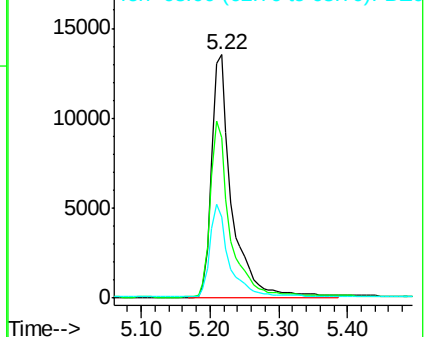
63 37.2 19.5 29.3#

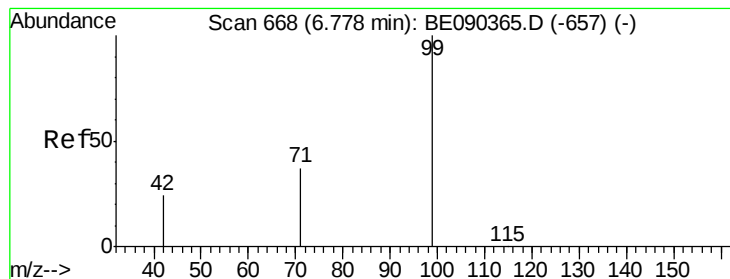


Abundance Ion 112.00 (111.70 to 112.70): BE090365.D (-380) (-)

Ion 64.00 (63.70 to 64.70): BE090365.D (-380) (-)

Ion 63.00 (62.70 to 63.70): BE090365.D (-380) (-)





#5

Phenol-d6

Concen: 6.53 ng

RT: 6.76 min Scan# 665

Delta R.T. -0.01 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

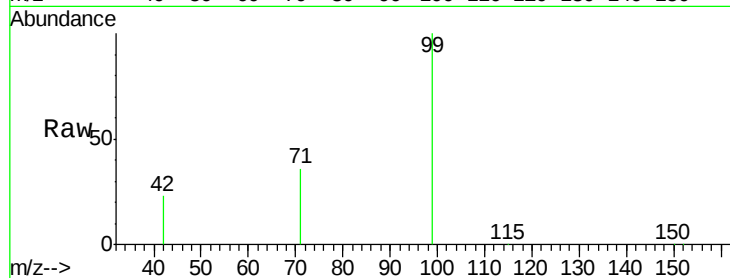
Tgt Ion: 99 Resp: 48237

Ion Ratio Lower Upper

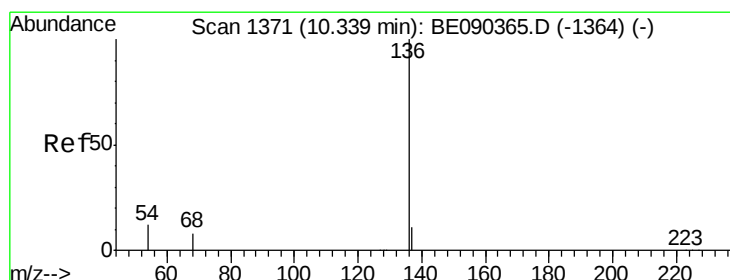
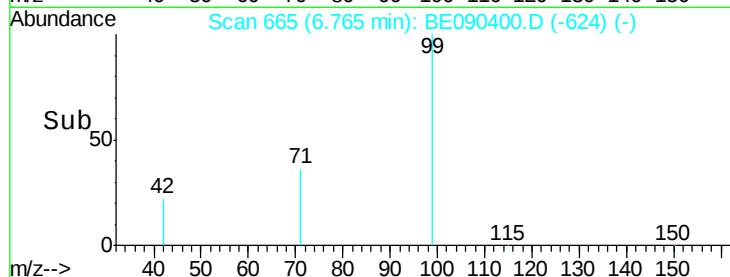
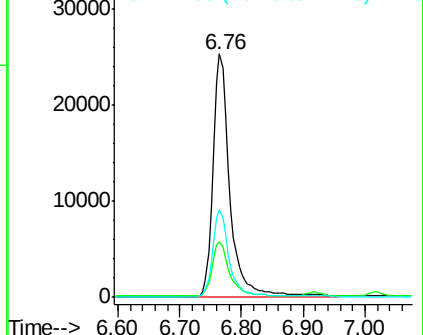
99 100

42 23.3 18.2 27.4

71 35.4 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: BE090400.D

Acq: 7 Aug 2015 16:40

Tgt Ion: 136 Resp: 107073

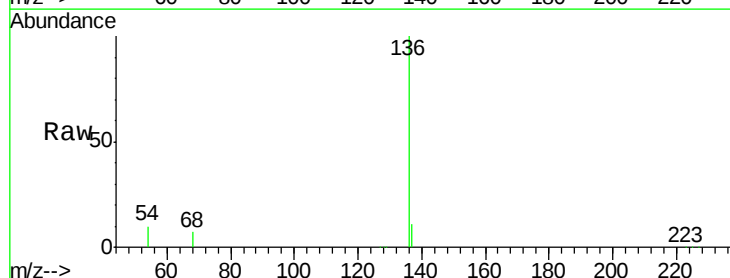
Ion Ratio Lower Upper

136 100

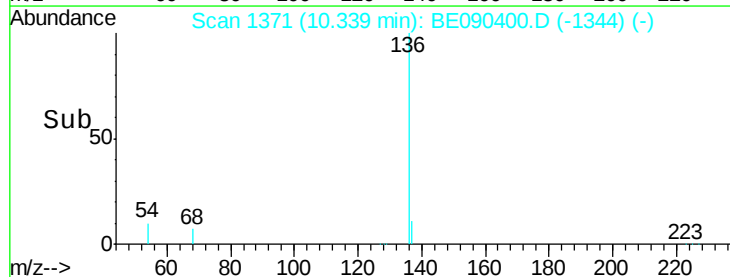
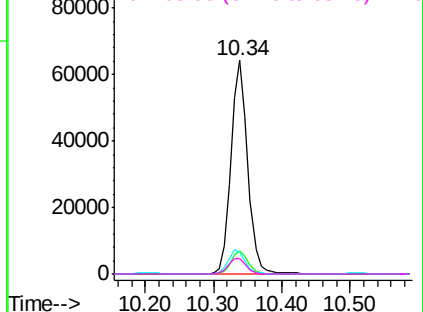
137 11.1 8.7 13.1

54 10.5 9.4 14.0

68 7.5 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: 3.87 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

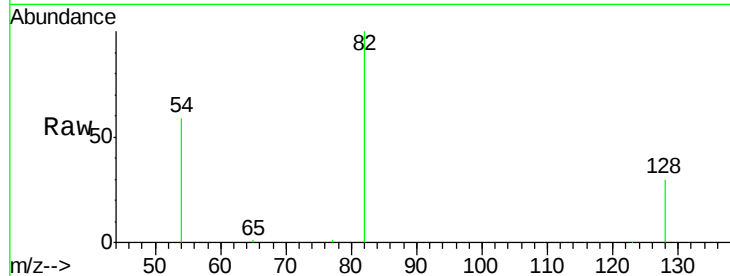
Tgt Ion: 82 Resp: 33312

Ion Ratio Lower Upper

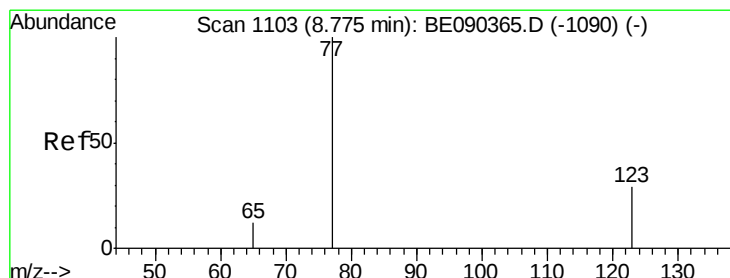
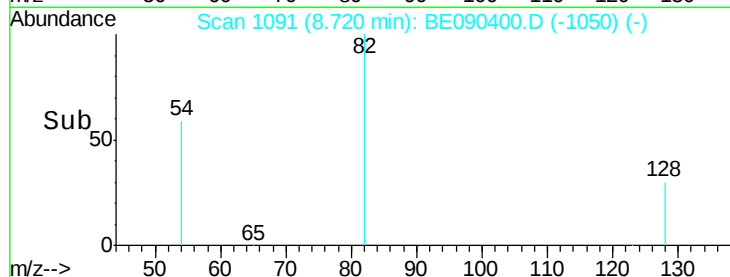
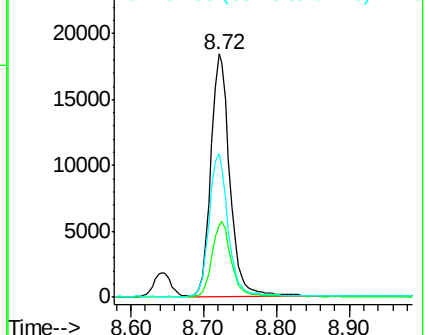
82 100

128 29.8 25.0 37.6

54 58.8 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 3.81 ng

RT: 8.77 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

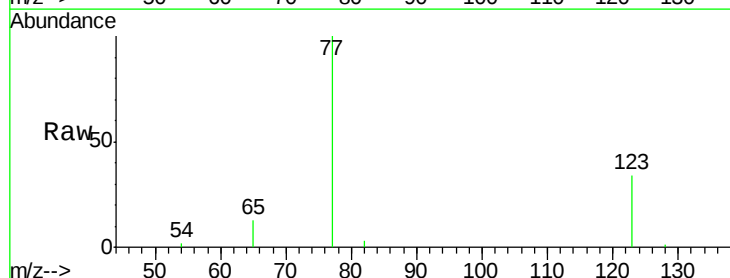
Tgt Ion: 77 Resp: 35037

Ion Ratio Lower Upper

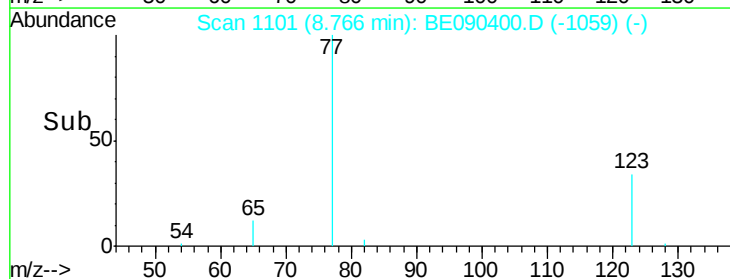
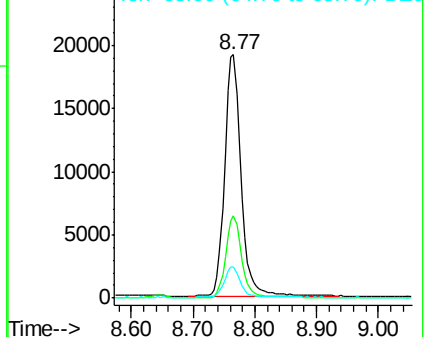
77 100

123 33.0 25.1 37.7

65 12.4 9.3 13.9



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.92 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

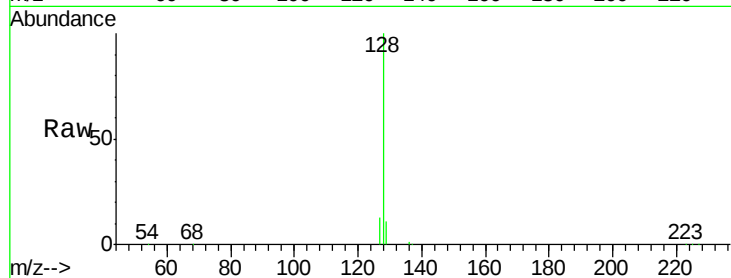
Tgt Ion:128 Resp: 92741

Ion Ratio Lower Upper

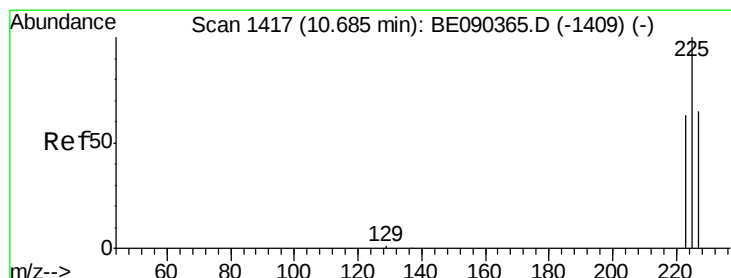
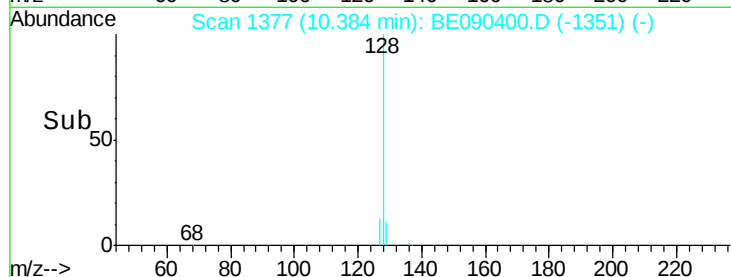
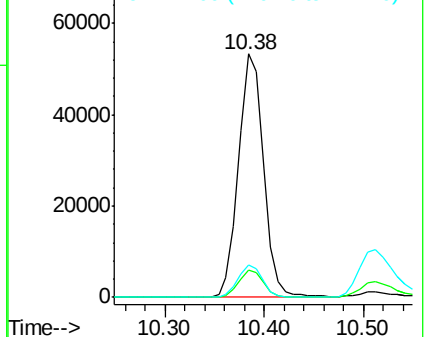
128 100

129 11.1 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: 4.32 ng

RT: 10.69 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

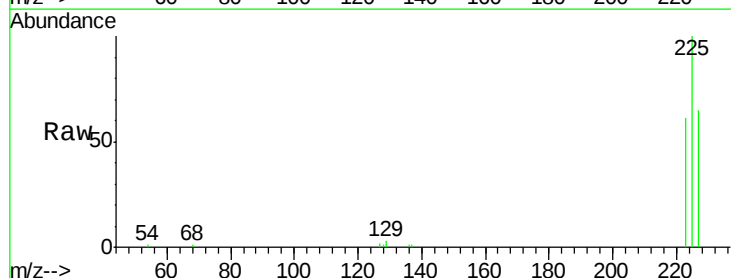
Tgt Ion:225 Resp: 15493

Ion Ratio Lower Upper

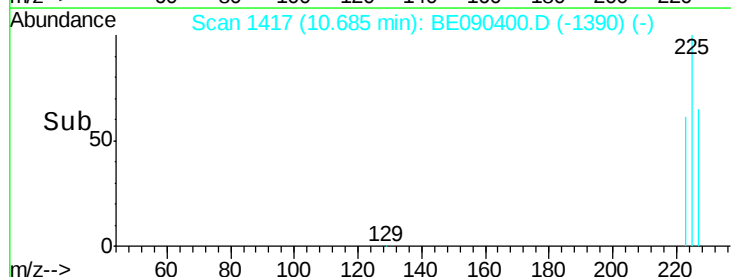
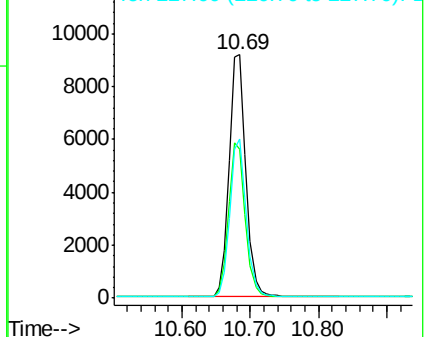
225 100

223 62.9 50.6 75.8

227 63.8 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

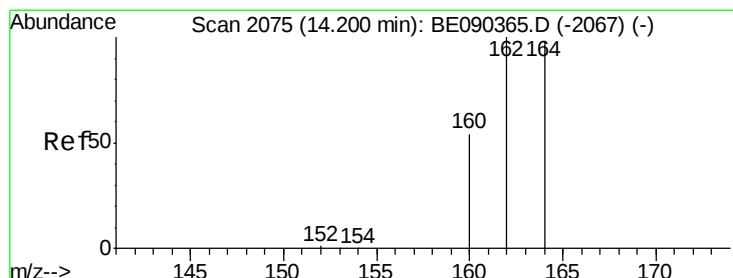
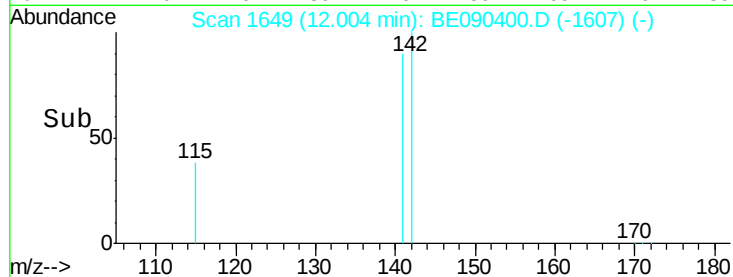
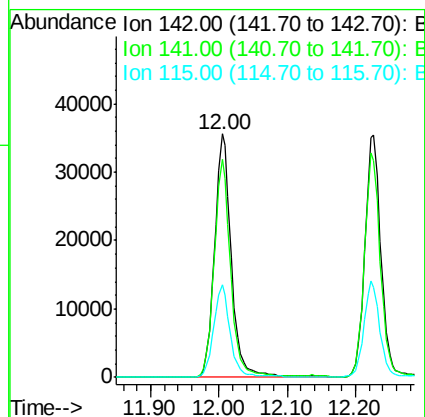
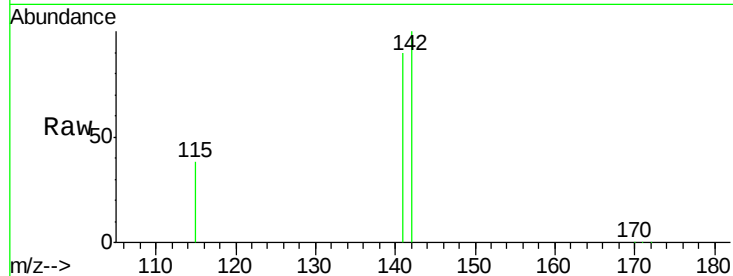




#11
2-Methylnaphthalene
Concen: 4.39 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090400.D
Acq: 7 Aug 2015 16:40

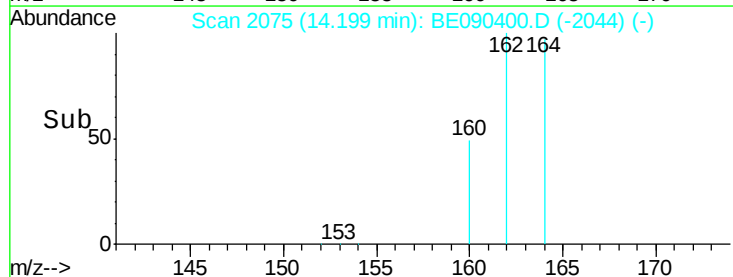
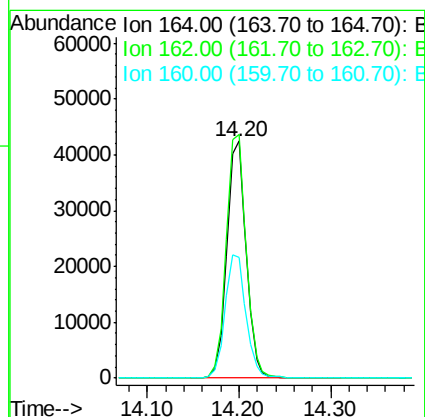
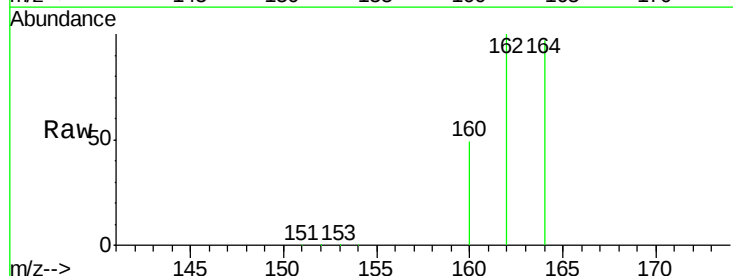
Instrument :
BNA_E
ClientSampleId :
PB84826BSD

Tgt Ion:142 Resp: 60169
Ion Ratio Lower Upper
142 100
141 89.8 72.6 109.0
115 38.0 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090400.D
Acq: 7 Aug 2015 16:40

Tgt Ion:164 Resp: 61862
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.8
160 50.9 44.2 66.4

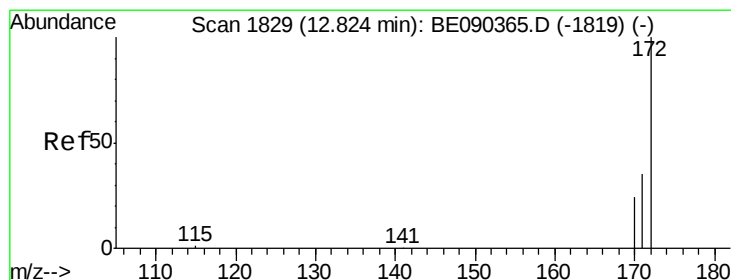
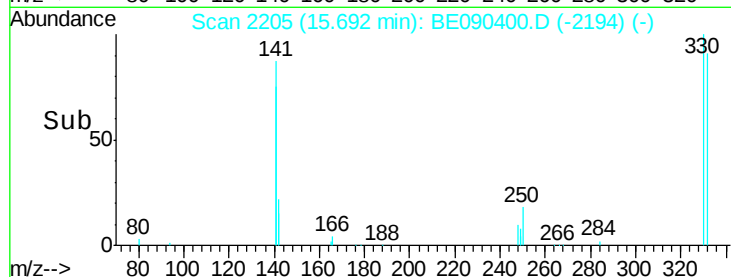
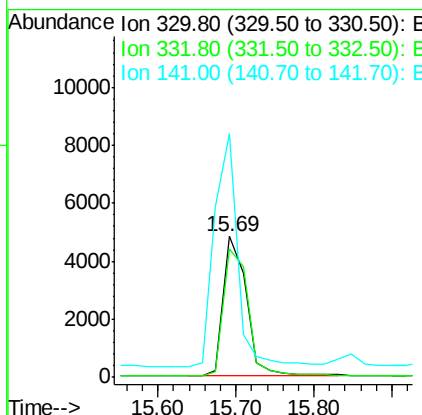
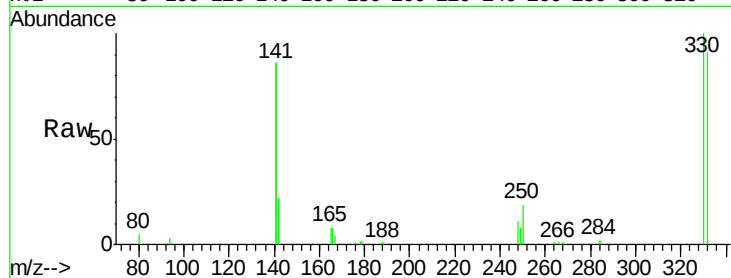




#13
 2,4,6-Tribromophenol
 Concen: 5.98 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090400.D
 Acq: 7 Aug 2015 16:40

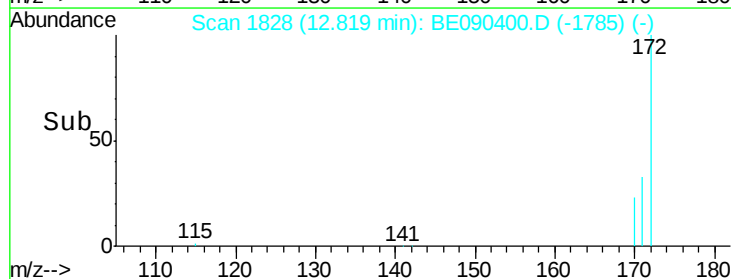
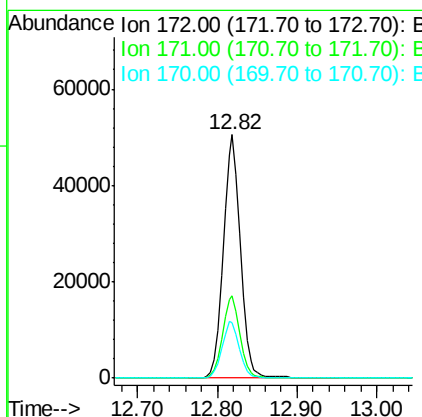
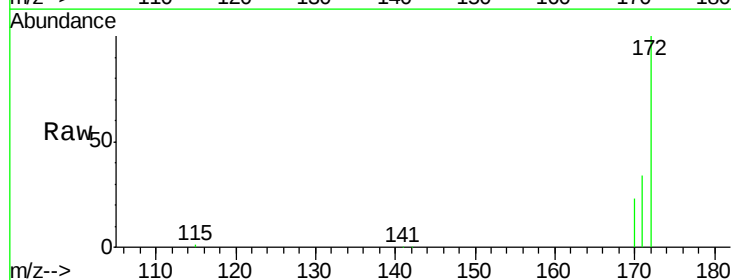
Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD

Tgt Ion: 330 Resp: 9935
 Ion Ratio Lower Upper
 330 100
 332 97.8 75.8 113.6
 141 167.6 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 4.42 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090400.D
 Acq: 7 Aug 2015 16:40

Tgt Ion: 172 Resp: 75255
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.5 42.7
 170 23.0 19.8 29.8





#15

Acenaphthylene

Concen: 4.24 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

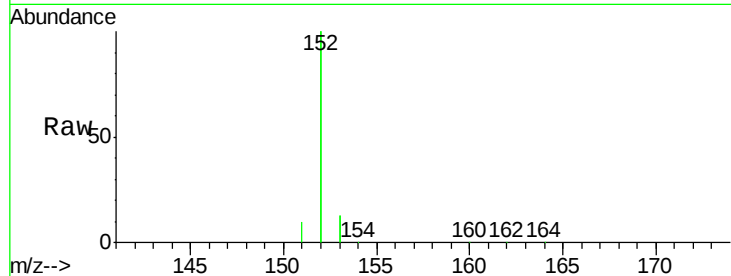
Tgt Ion:152 Resp: 424638

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

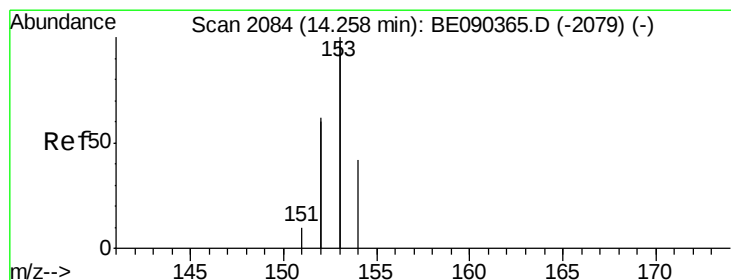
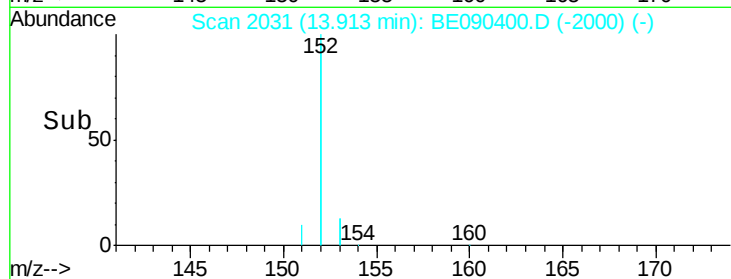
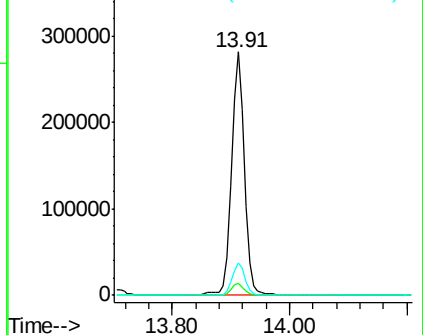
153 13.0 10.3 15.5



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: 4.10 ng

RT: 14.26 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

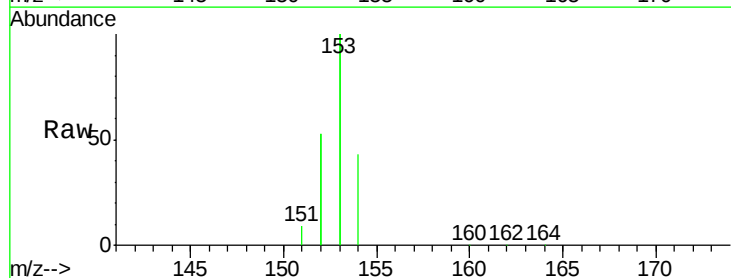
Tgt Ion:154 Resp: 63798

Ion Ratio Lower Upper

154 100

153 464.5 376.2 564.2

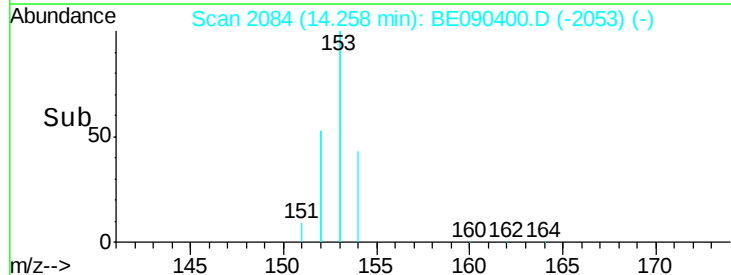
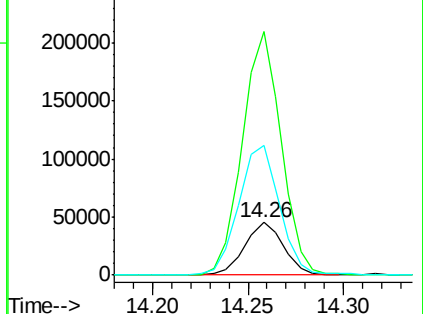
152 259.7 235.0 352.4



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: 4.31 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

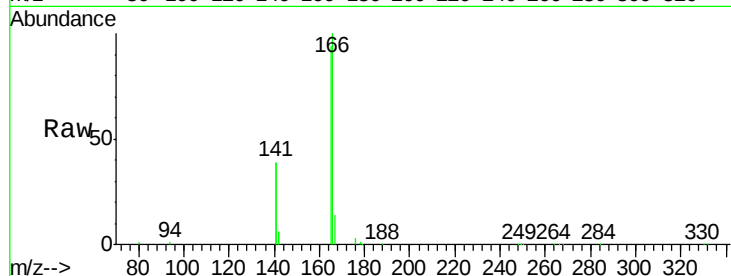
Tgt Ion:166 Resp: 87264

Ion Ratio Lower Upper

166 100

165 99.2 81.5 122.3

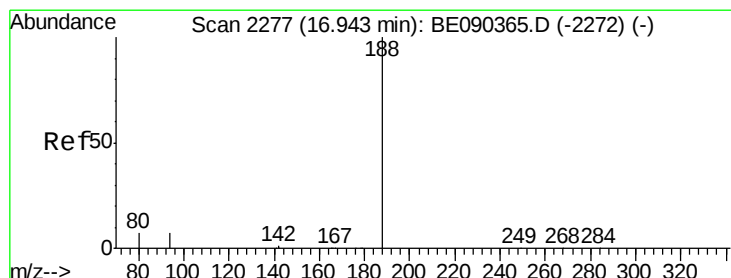
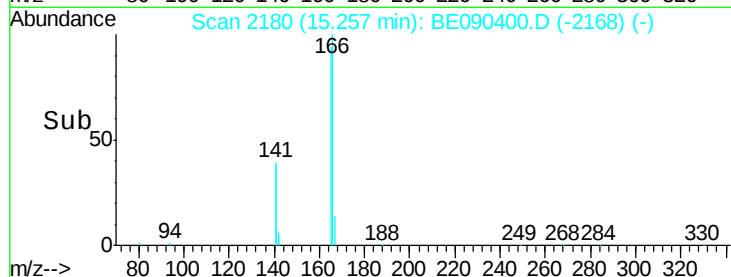
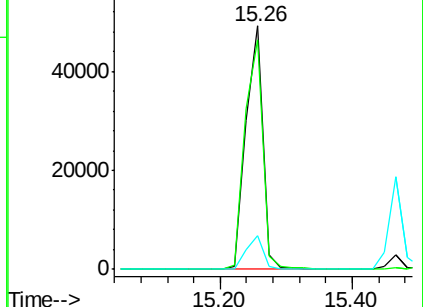
167 13.6 11.4 17.0



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: BE090400.D

Acq: 7 Aug 2015 16:40

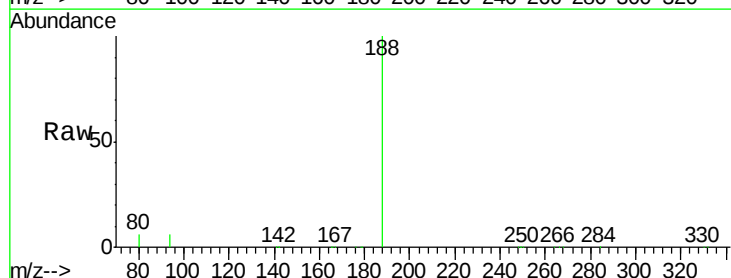
Tgt Ion:188 Resp: 143379

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

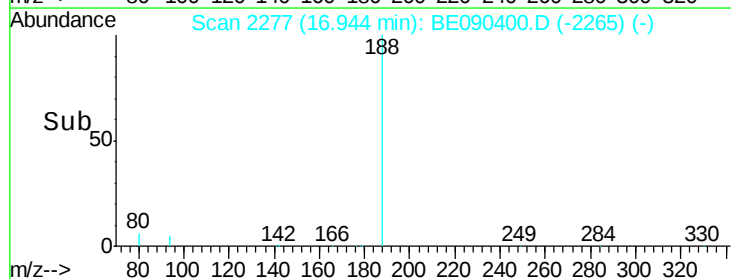
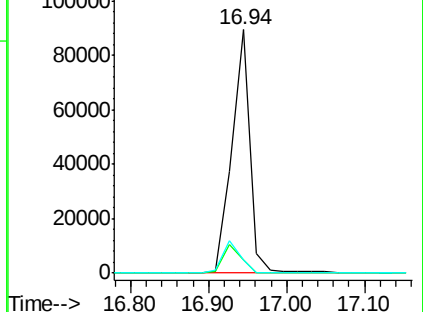
80 5.6 5.8 8.8#



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: 4.38 ng

RT: 16.14 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

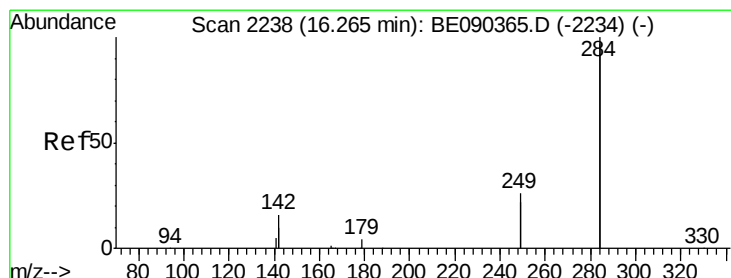
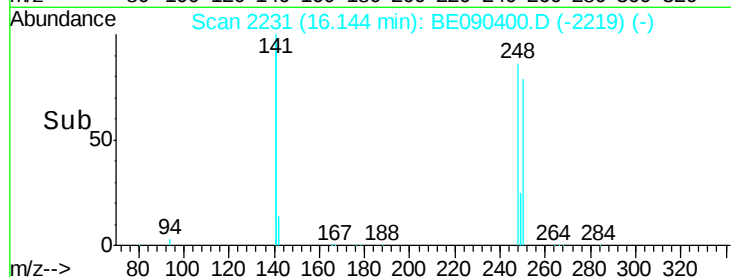
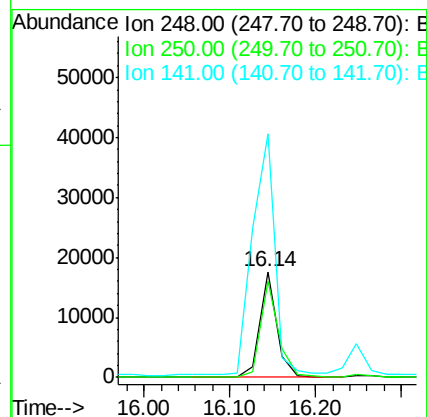
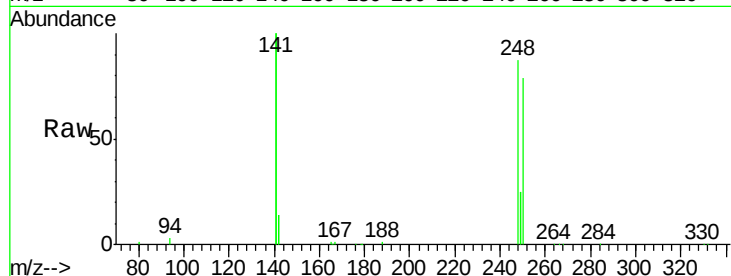
Tgt Ion:248 Resp: 24427

Ion Ratio Lower Upper

248 100

250 95.7 79.0 118.6

141 296.4 239.5 359.3



#20

Hexachlorobenzene

Concen: 3.86 ng

RT: 16.27 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

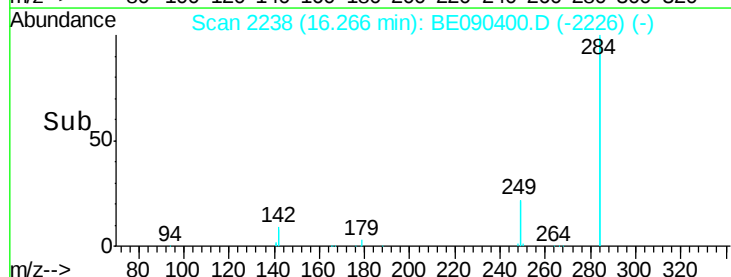
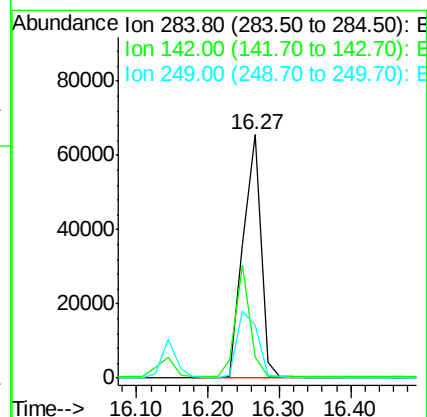
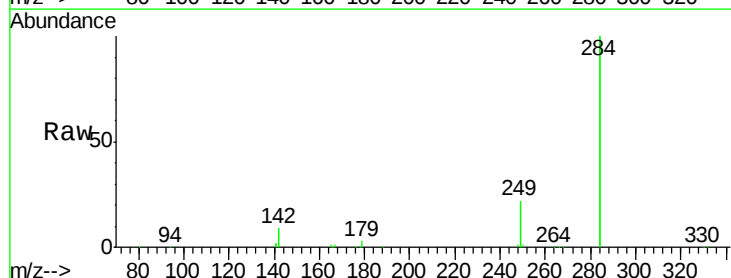
Tgt Ion:284 Resp: 111087

Ion Ratio Lower Upper

284 100

142 38.1 30.1 45.1

249 31.1 25.7 38.5





#21

Pentachlorophenol

Concen: 7.19 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

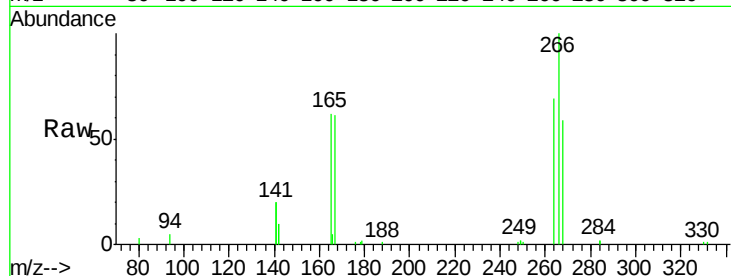
Tgt Ion:266 Resp: 15364

Ion Ratio Lower Upper

266 100

268 58.8 58.5 87.7

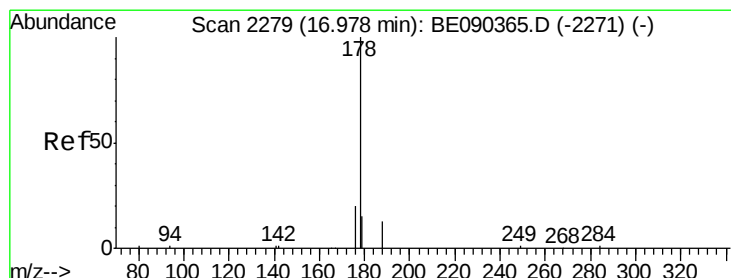
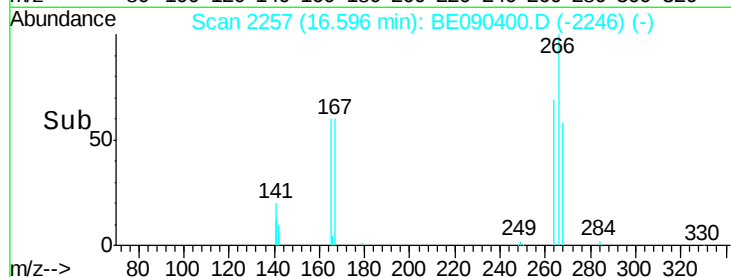
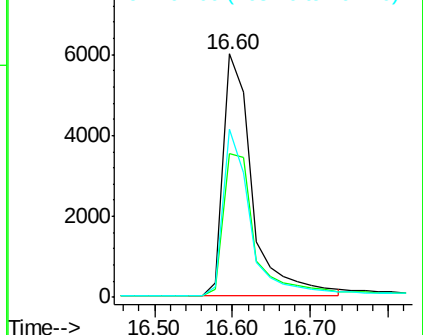
264 69.2 56.0 84.0



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: 4.24 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

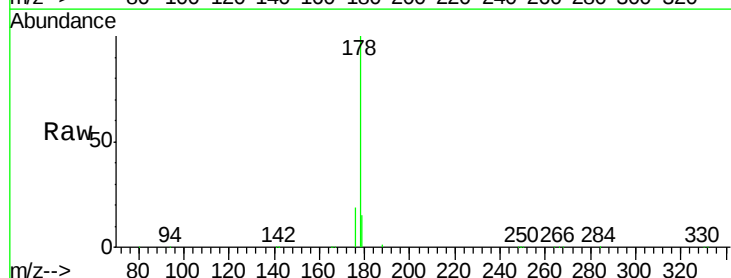
Tgt Ion:178 Resp: 152016

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

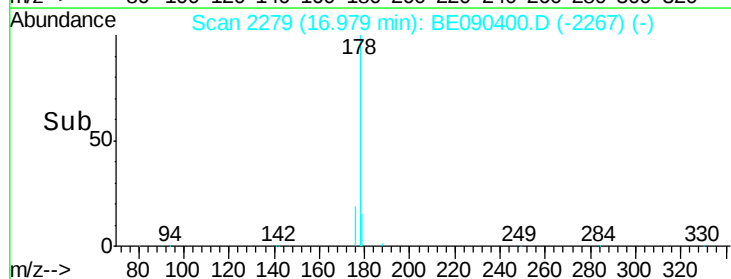
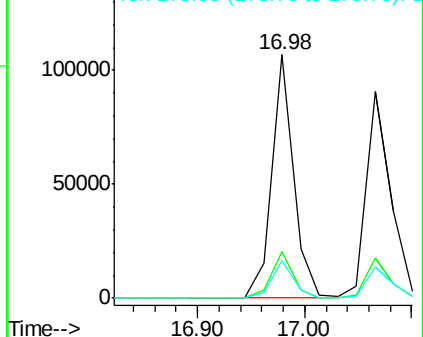
179 15.3 12.5 18.7



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: 4.92 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

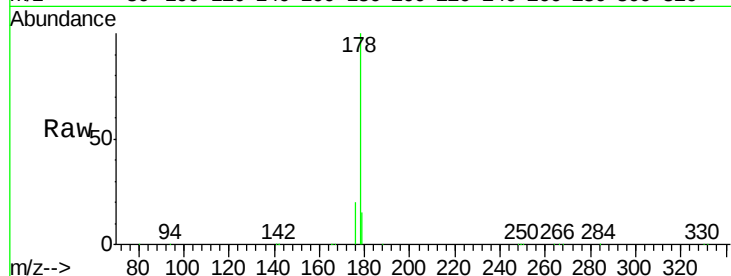
Tgt Ion:178 Resp: 145077

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

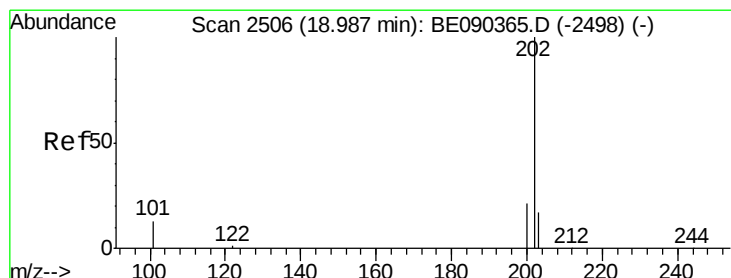
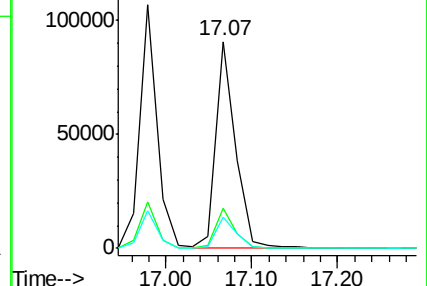
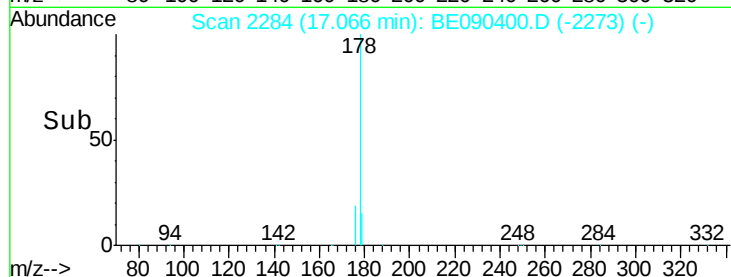
179 15.5 12.2 18.4



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: 4.74 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

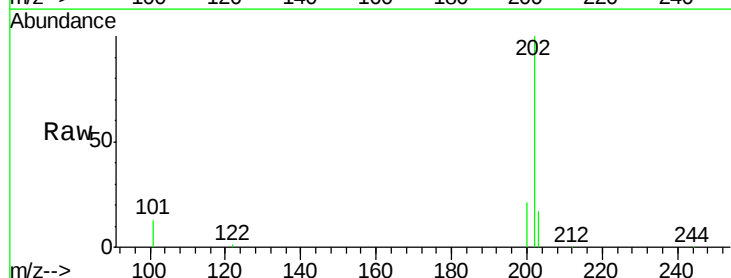
Tgt Ion:202 Resp: 167434

Ion Ratio Lower Upper

202 100

101 13.0 10.3 15.5

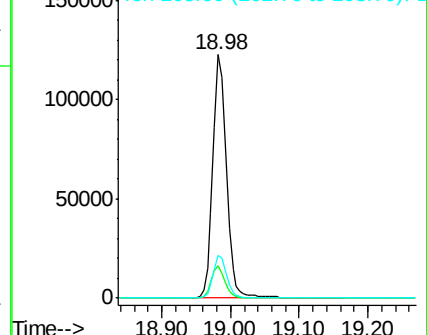
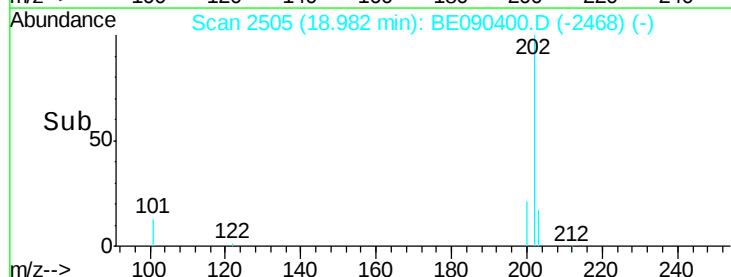
203 17.3 13.7 20.5



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: 21.10 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

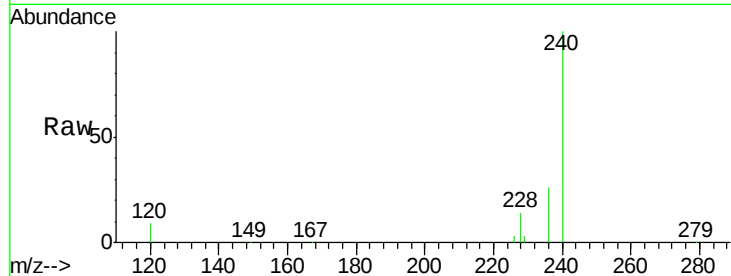
Tgt Ion:240 Resp: 181522

Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

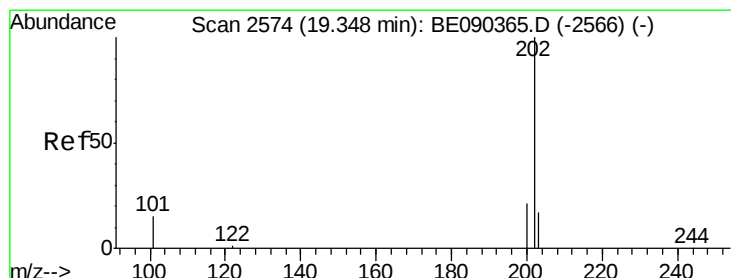
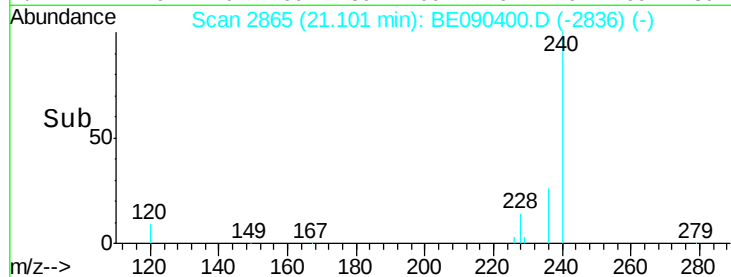
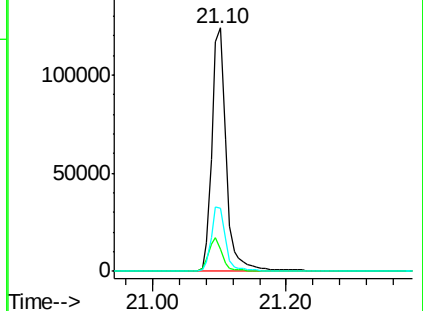
236 26.1 21.0 31.4



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: 4.71 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

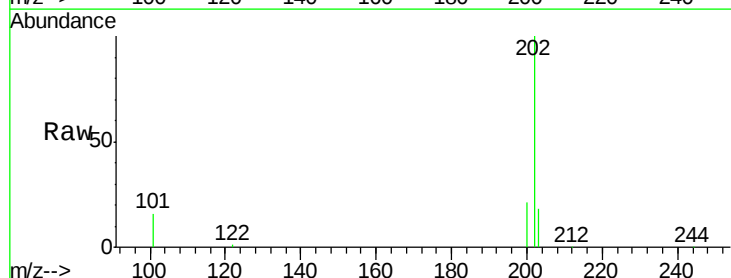
Tgt Ion:202 Resp: 185470

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

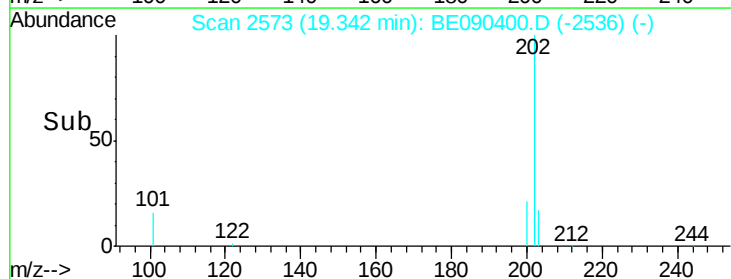
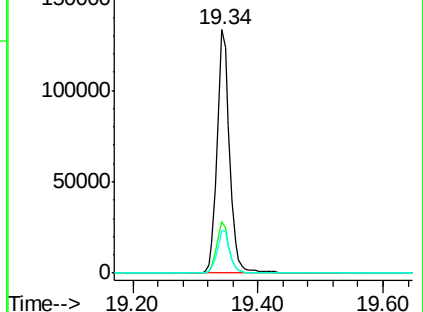
203 18.0 13.8 20.8



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

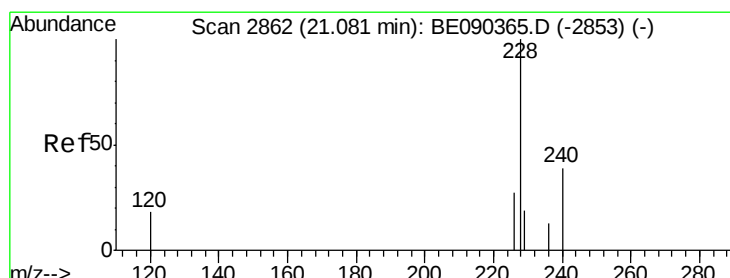
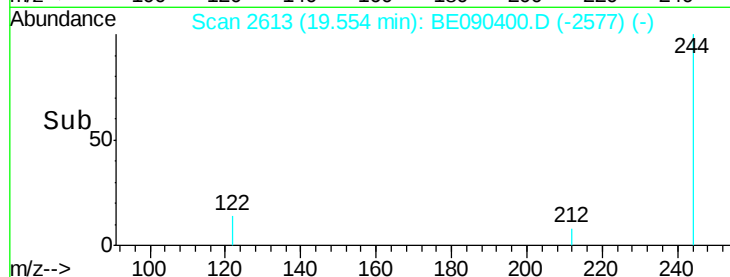
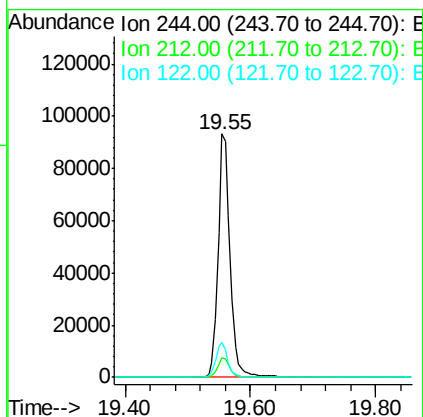
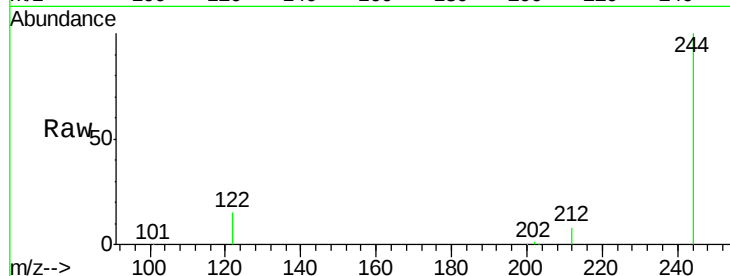




#27
 Terphenyl-d14
 Concen: 4.67 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090400.D
 Acq: 7 Aug 2015 16:40

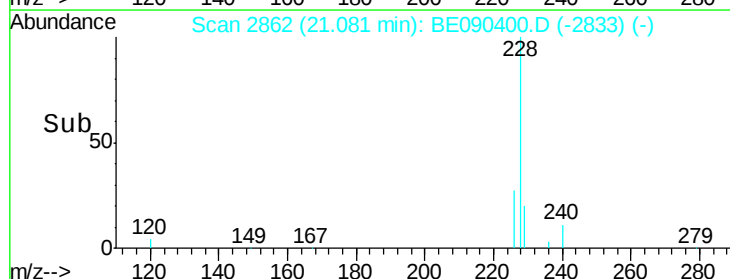
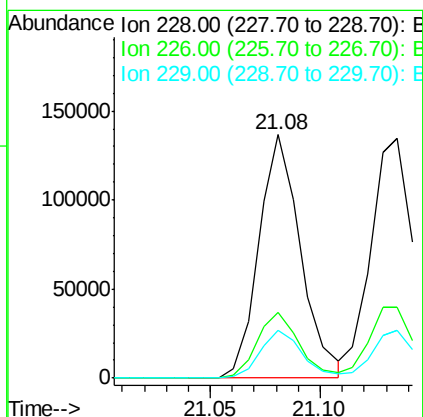
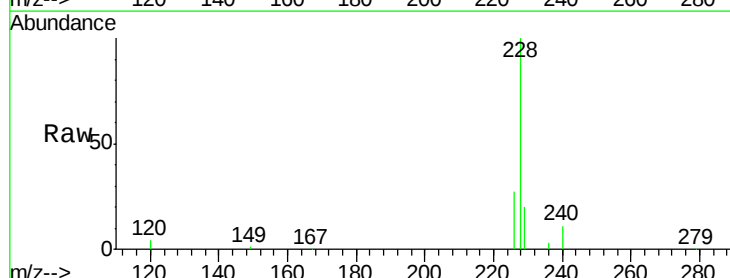
Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD

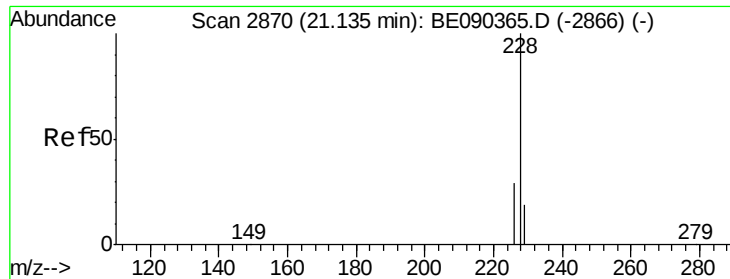
Tgt Ion: 244 Resp: 124807
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 14.5 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 4.52 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090400.D
 Acq: 7 Aug 2015 16:40

Tgt Ion: 228 Resp: 181737
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.9 32.9
 229 19.6 15.4 23.0





#29

Chrysene

Concen: 4.09 ng

RT: 21.14 min Scan# 2870

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

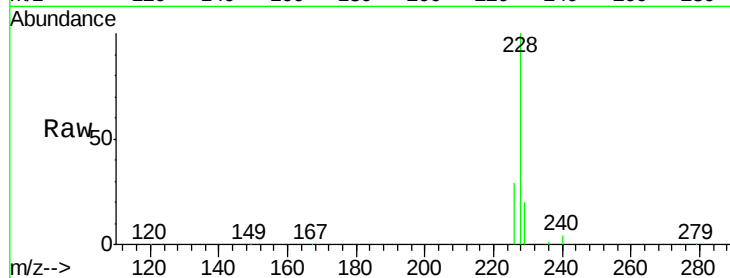
Tgt Ion:228 Resp: 198725

Ion Ratio Lower Upper

228 100

226 29.5 23.1 34.7

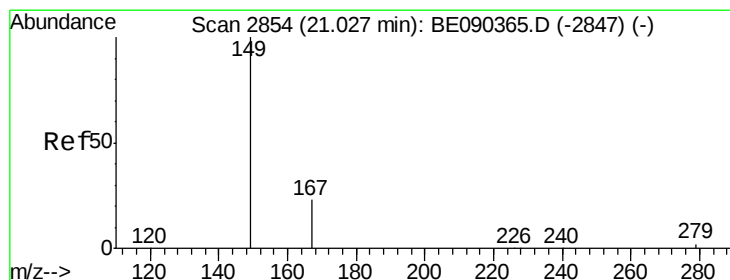
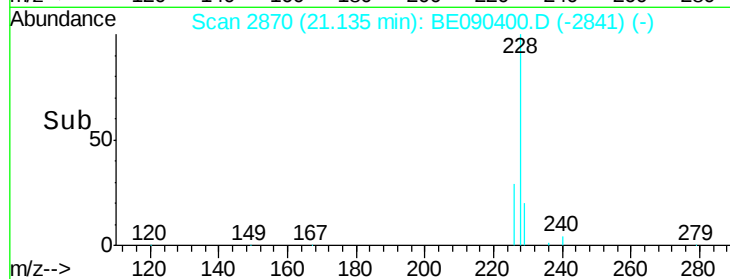
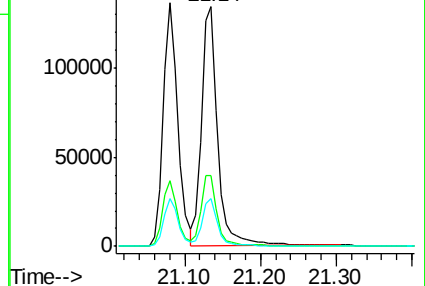
229 20.0 15.8 23.8



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: 3.63 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

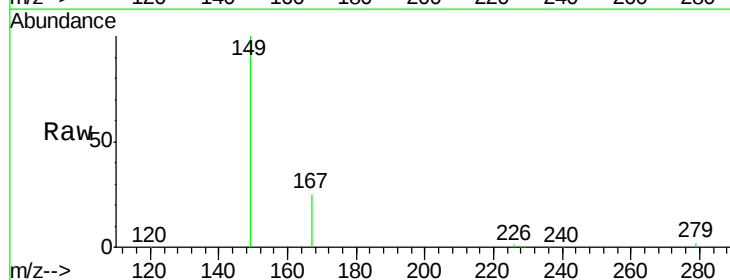
Tgt Ion:149 Resp: 47002

Ion Ratio Lower Upper

149 100

167 25.5 19.8 29.8

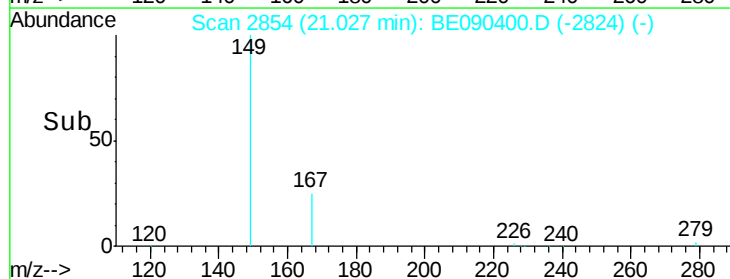
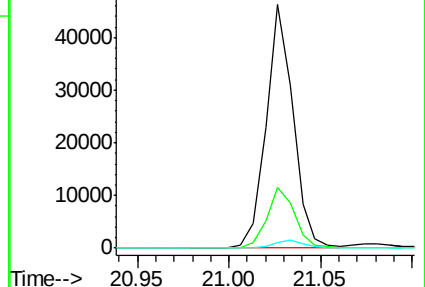
279 3.0 2.4 3.6



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: 25.79 min Scan# 3828

Delta R.T. -0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

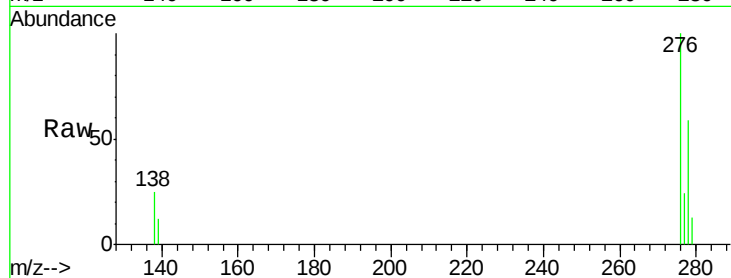
Tgt Ion:276 Resp: 150520

Ion Ratio Lower Upper

276 100

138 26.3 18.8 28.2

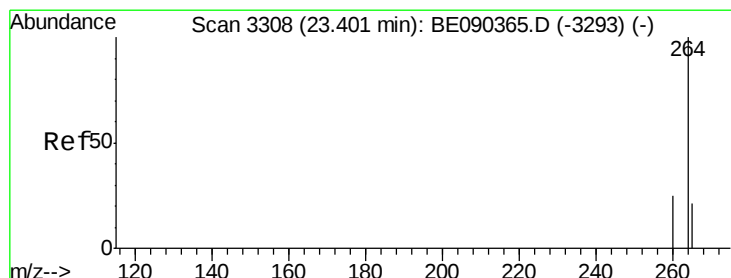
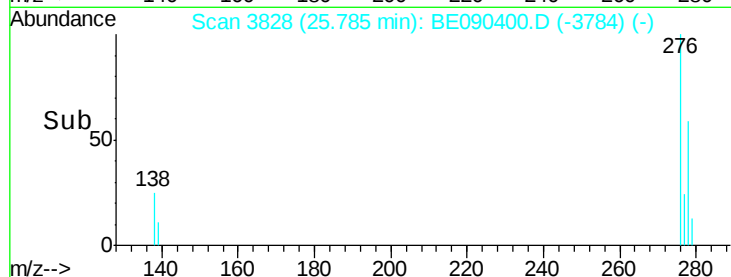
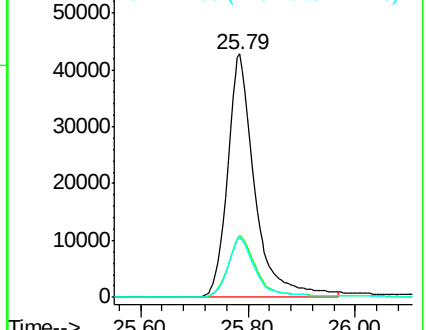
277 24.8 18.2 27.4



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# 3308

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

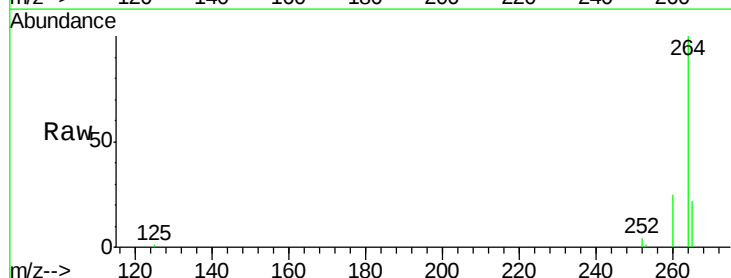
Tgt Ion:264 Resp: 151313

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

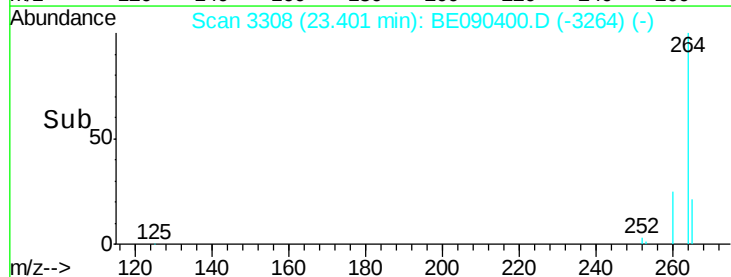
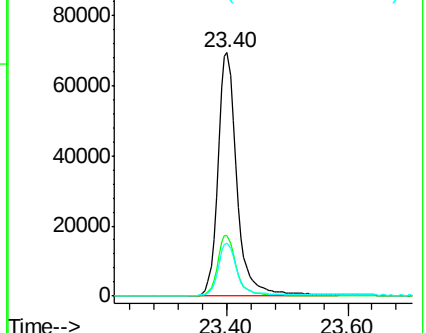
265 21.6 17.2 25.8



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: 4.31 ng

RT: 22.70 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

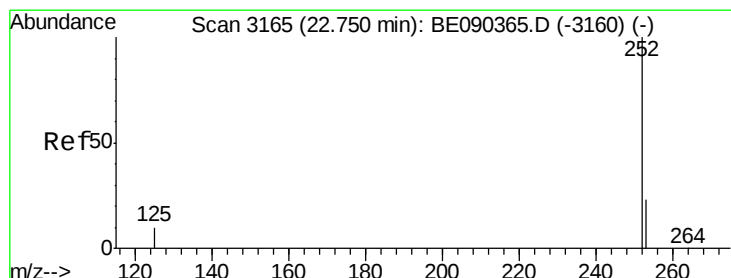
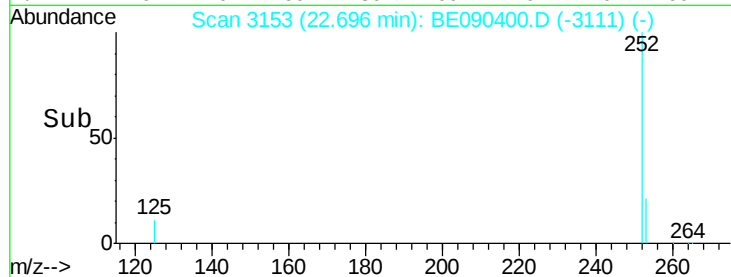
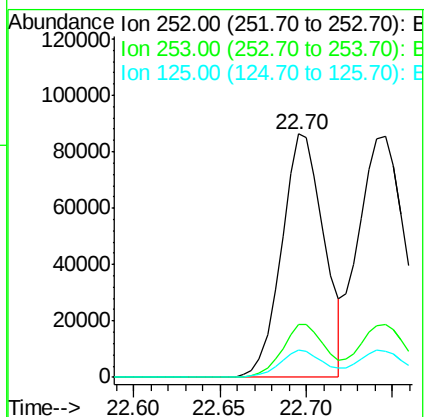
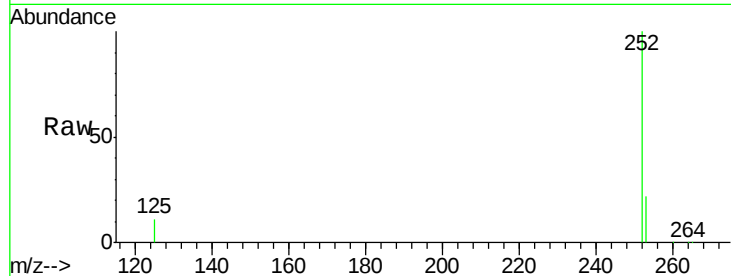
Tgt Ion:252 Resp: 146439

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

125 11.1 9.4 14.2



#34

Benzo(k)fluoranthene

Concen: 4.26 ng

RT: 22.75 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

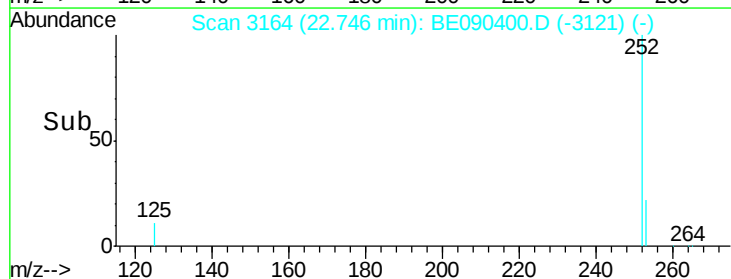
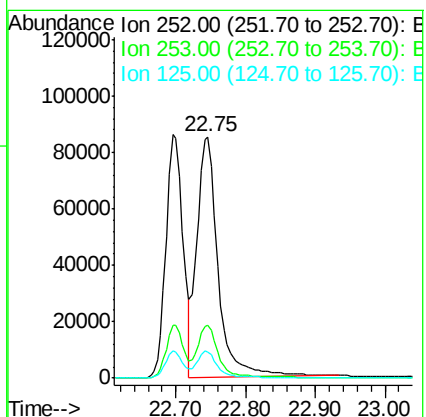
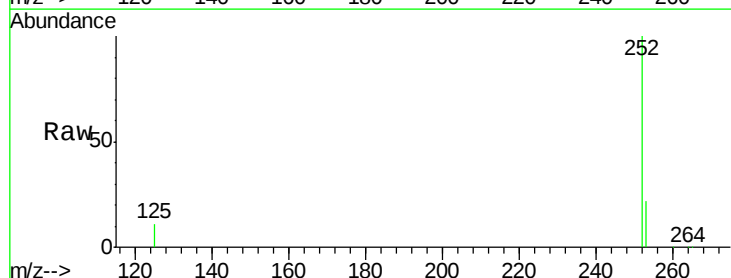
Tgt Ion:252 Resp: 179533

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 11.0 9.1 13.7





#35

Benzo(a)pyrene

Concen: 4.18 ng

RT: 23.30 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

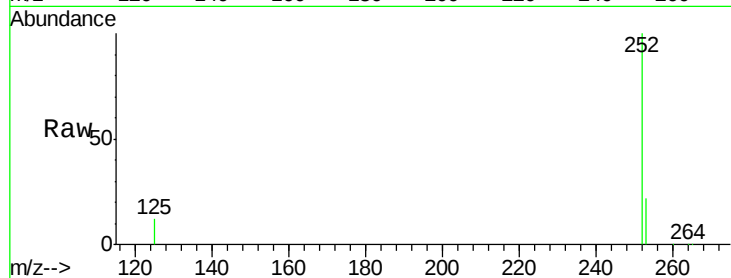
Tgt Ion:252 Resp: 133862

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

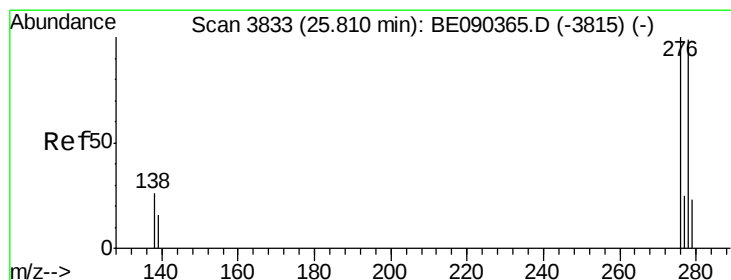
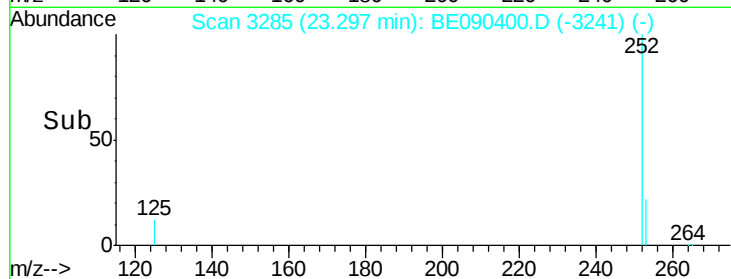
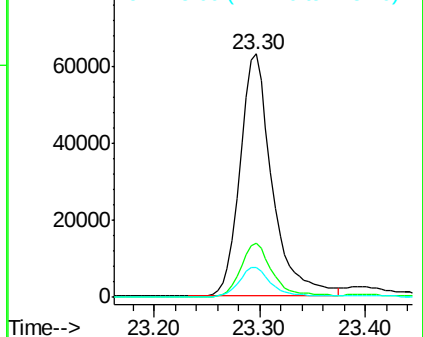
125 12.4 9.8 14.6



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: 3.86 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090400.D

Acq: 7 Aug 2015 16:40

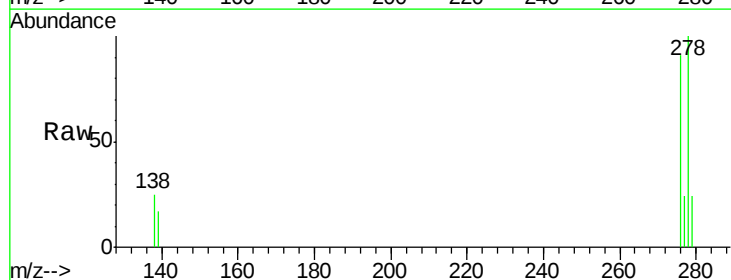
Tgt Ion:278 Resp: 120058

Ion Ratio Lower Upper

278 100

139 17.2 14.2 21.4

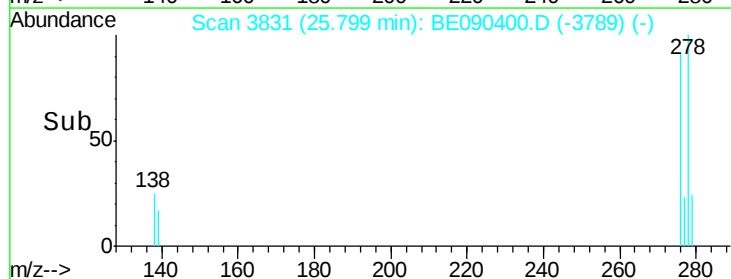
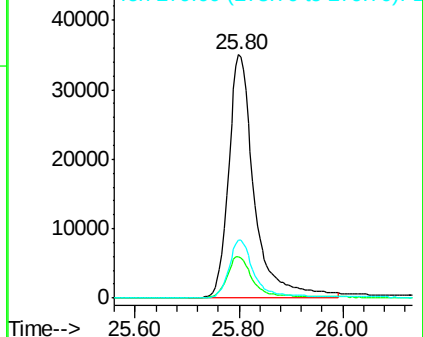
279 23.8 20.1 30.1



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: 4.73 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

Lab File: BE090400.D

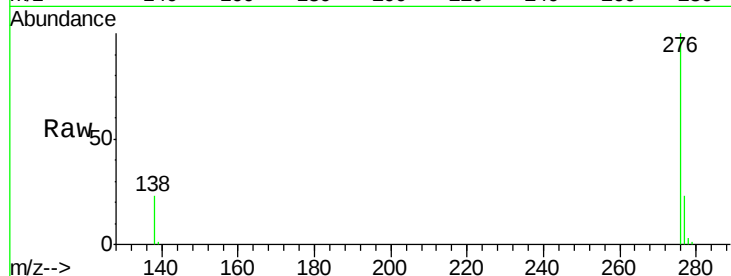
Acq: 7 Aug 2015 16:40

Instrument :

BNA_E

ClientSampleId :

PB84826BSD



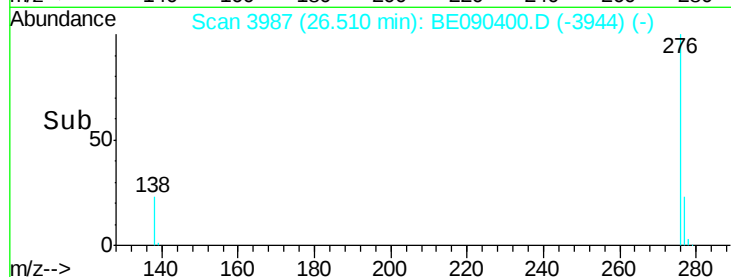
Tgt Ion: 276 Resp: 132090

Ion Ratio Lower Upper

276 100

277 23.2 20.1 30.1

138 22.9 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

