

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE090008.D
 Acq On : 30 Jun 2015 8:19
 Operator : TP/IZ
 Sample : G2810-28MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0520006-150625MSD

Quant Time: Jun 30 09:06:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	16800	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	82021	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	49339	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	112338	5.00	ng	0.00
25) Chrysene-d12	21.14	240	118224	5.00	ng	0.00
32) Perylene-d12	23.47	264	121336	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	26836	6.95	ng	0.00
5) Phenol-d6	6.81	99	51393	9.51	ng	0.00
7) Nitrobenzene-d5	8.76	82	31648	4.86	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	18328	12.68	ng	0.02
14) 2-Fluorobiphenyl	12.86	172	67441	4.55	ng	0.00
27) Terphenyl-d14	19.59	244	102665	5.21	ng	0.00

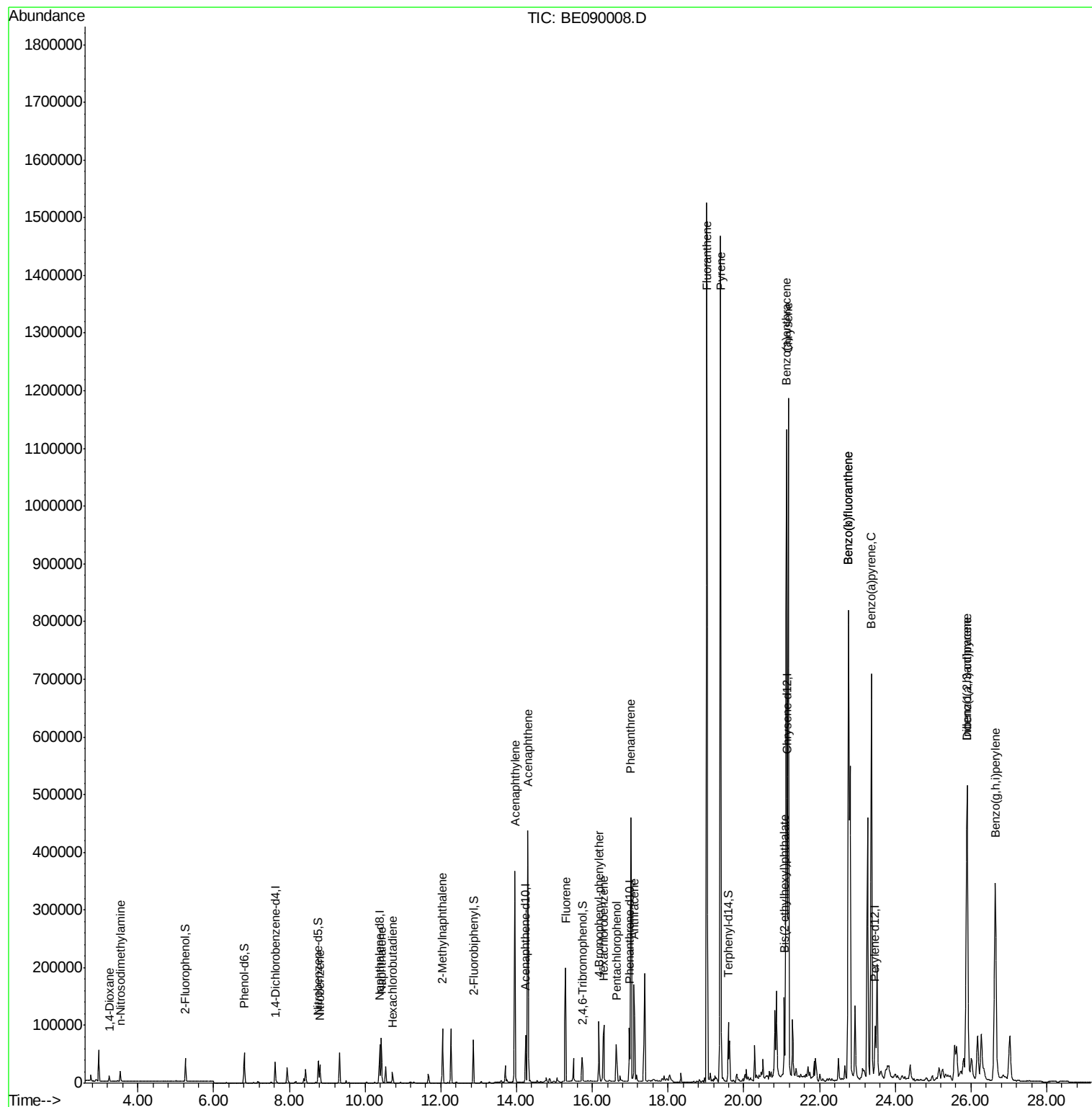
Target Compounds					Qvalue
2) 1,4-Dioxane	3.24	88	5099	2.21 ng	100
3) n-Nitrosodimethylamine	3.53	42	9677	3.10 ng	92
8) Nitrobenzene	8.80	77	33619	4.86 ng	97
9) Naphthalene	10.43	128	101960	5.50 ng	99
10) Hexachlorobutadiene	10.72	225	12989	4.46 ng	99
11) 2-Methylnaphthalene	12.05	142	66620	5.38 ng	99
15) Acenaphthylene	13.95	152	451613	5.07 ng	100
16) Acenaphthene	14.30	154	80444	6.27 ng	97
17) Fluorene	15.29	166	96231	5.52 ng	99
19) 4-Bromophenyl-phenylether	16.18	248	25378	5.31 ng	95
20) Hexachlorobenzene	16.30	284	107133	5.39 ng	97
21) Pentachlorophenol	16.63	266	30349	11.80 ng	94
22) Phenanthrene	17.01	178	537158	18.66 ng	99
23) Anthracene	17.10	178	232413	8.83 ng	99
24) Fluoranthene	19.02	202	1394723	43.39 ng	97
26) Pyrene	19.38	202	1338636	47.50 ng	# 93
28) Benzo(a)anthracene	21.12	228	1000463	33.88 ng	97
29) Chrysene	21.18	228	1089191	35.53 ng	95
30) Bis(2-ethylhexyl)phthalate	21.07	149	123956	8.88 ng	95
31) Indeno(1,2,3-cd)pyrene	25.89	276	819421	27.88 ng	97
33) Benzo(b)fluoranthene	22.76	252	1403874	52.45 ng	97
34) Benzo(k)fluoranthene	22.76	252	1403874	46.95 ng	97
35) Benzo(a)pyrene	23.37	252	1050064	42.48 ng	98
36) Dibenzo(a,h)anthracene	25.90	278	311845	12.29 ng	99
37) Benzo(g,h,i)perylene	26.64	276	795585	30.93 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: 7.63 min Scan# 854

Delta R.T. 0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD

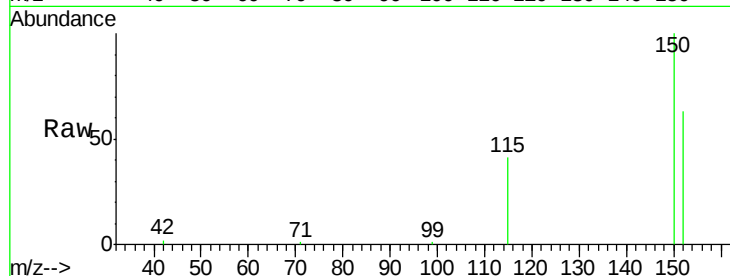
Tgt Ion:152 Resp: 16800

Ion Ratio Lower Upper

152 100

150 157.7 123.9 185.9

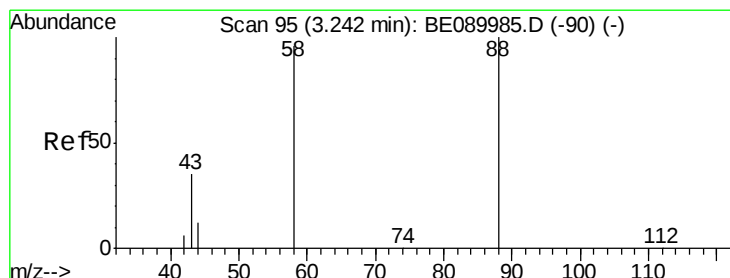
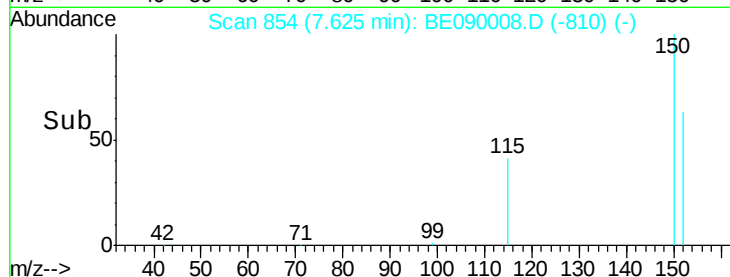
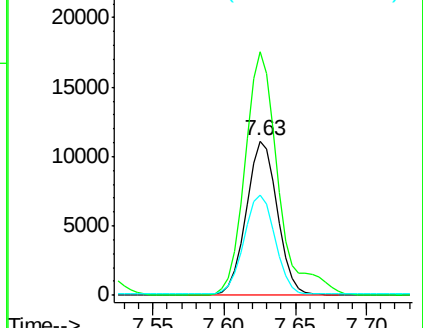
115 64.9 50.6 76.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.21 ng

RT: 3.24 min Scan# 95

Delta R.T. 0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

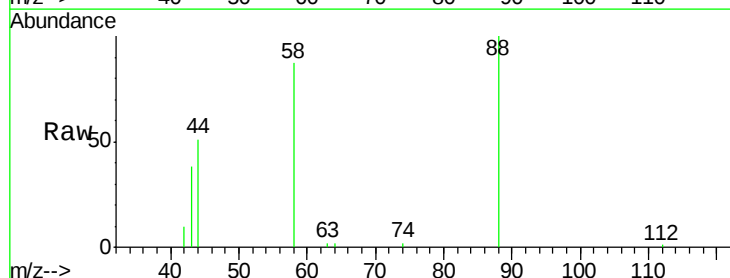
Tgt Ion: 88 Resp: 5099

Ion Ratio Lower Upper

88 100

58 88.6 70.9 106.3

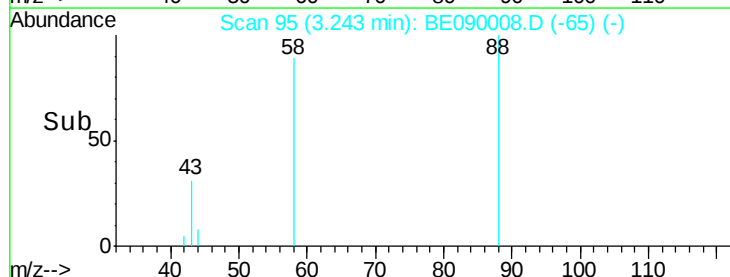
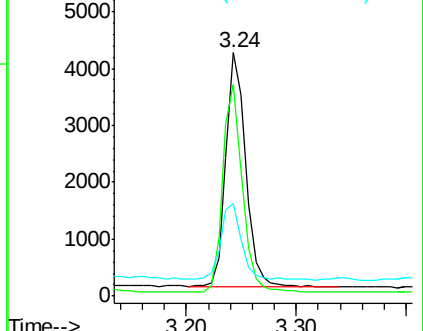
43 34.2 27.6 41.4

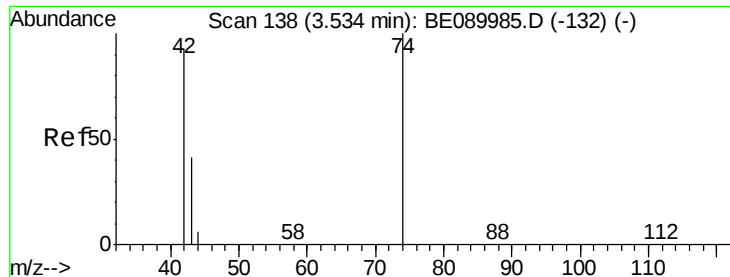


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.10 ng

RT: 3.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD

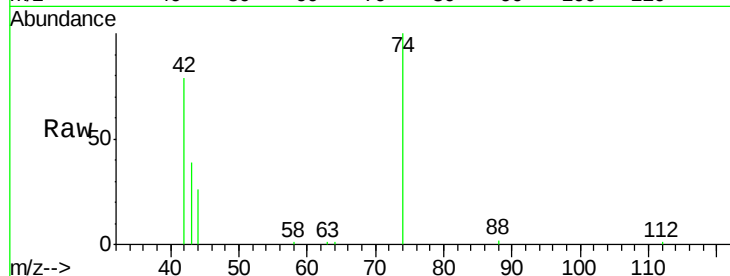
Tgt Ion: 42 Resp: 9677

Ion Ratio Lower Upper

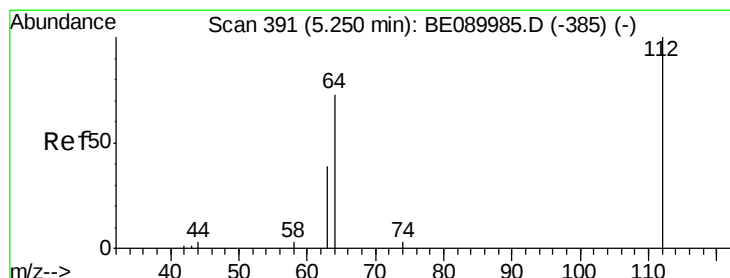
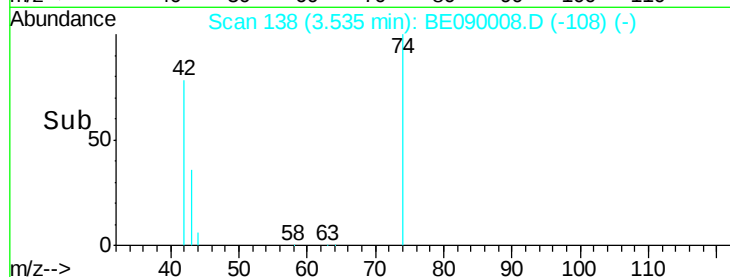
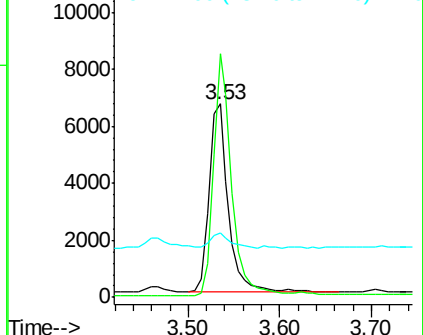
42 100

74 121.3 89.4 134.2

44 7.5 6.9 10.3



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



#4

2-Fluorophenol

Concen: 6.95 ng

RT: 5.26 min Scan# 392

Delta R.T. 0.01 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

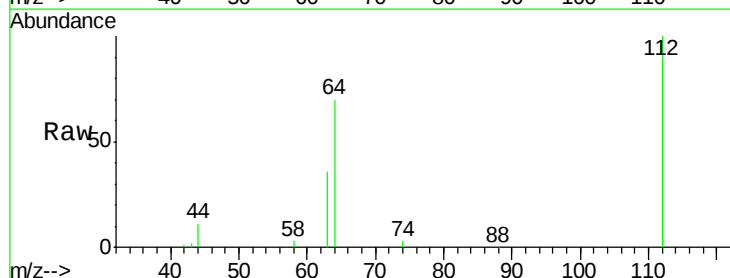
Tgt Ion: 112 Resp: 26836

Ion Ratio Lower Upper

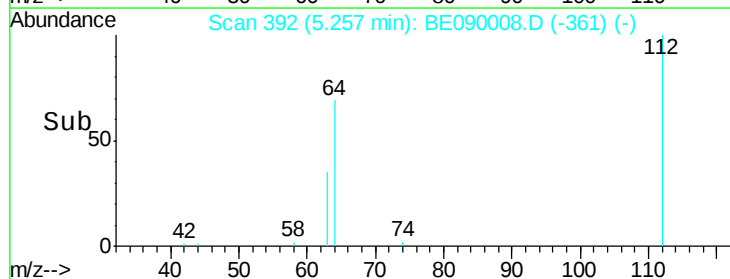
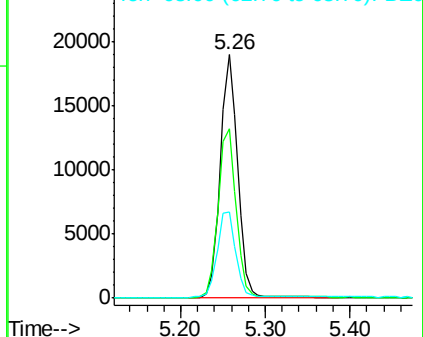
112 100

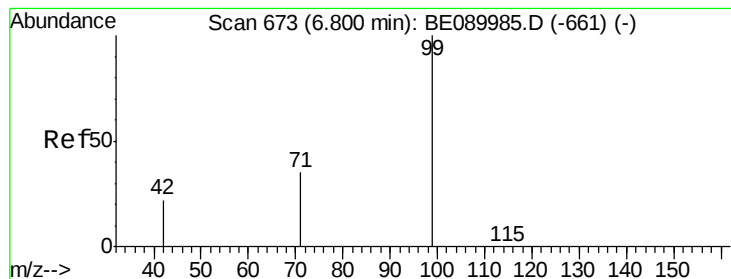
64 72.1 56.3 84.5

63 37.2 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.51 ng

RT: 6.81 min Scan# 674

Delta R.T. 0.01 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD

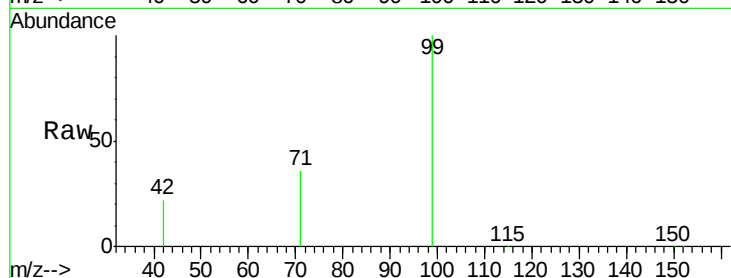
Tgt Ion: 99 Resp: 51393

Ion Ratio Lower Upper

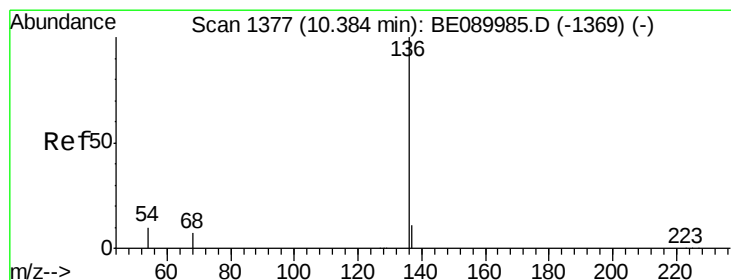
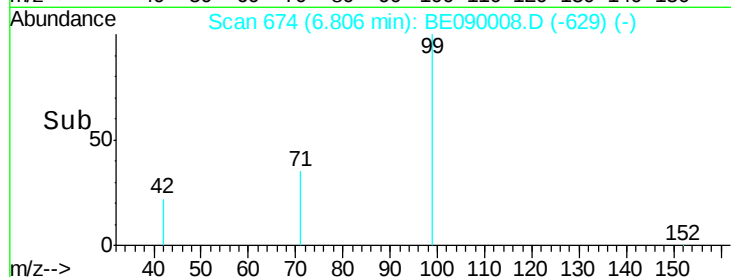
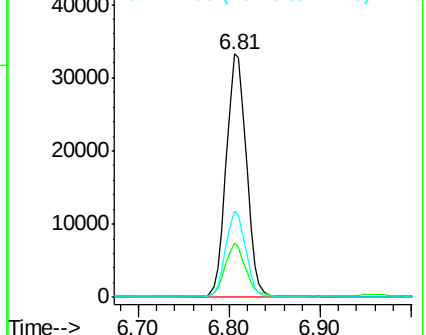
99 100

42 22.0 18.7 28.1

71 35.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Tgt Ion: 136 Resp: 82021

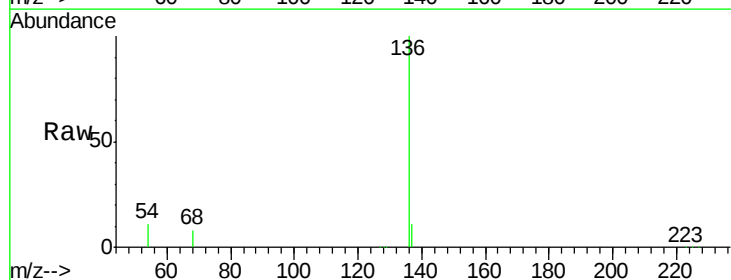
Ion Ratio Lower Upper

136 100

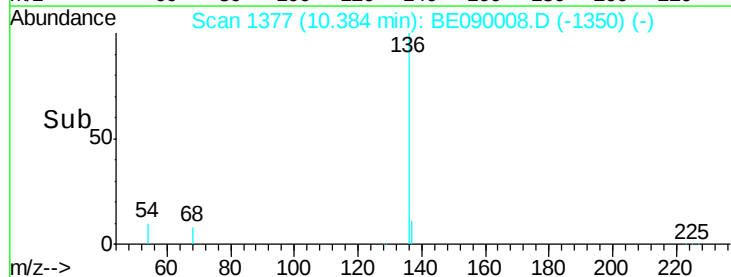
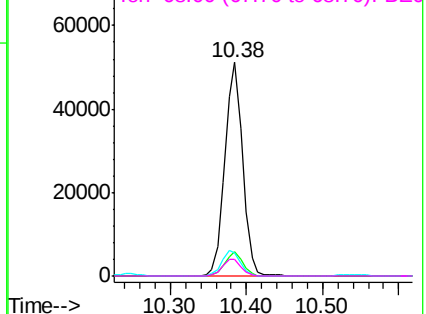
137 11.1 8.9 13.3

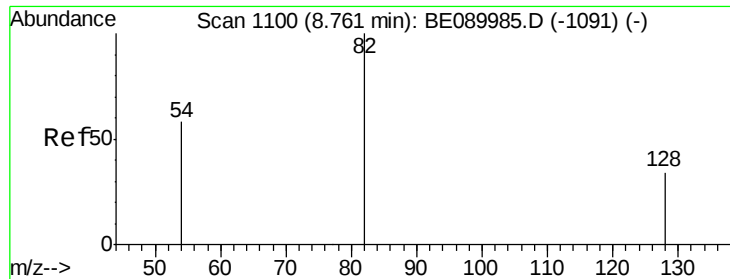
54 10.6 8.2 12.4

68 7.7 5.8 8.8



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





#7

Nitrobenzene-d5

Concen: 4.86 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

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ClientSampleId :

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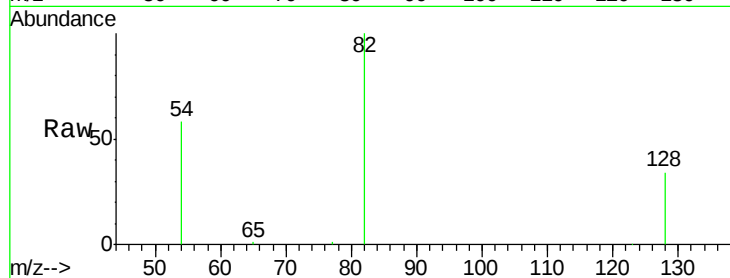
Tgt Ion: 82 Resp: 31648

Ion Ratio Lower Upper

82 100

128 34.4 28.0 42.0

54 58.3 47.6 71.4

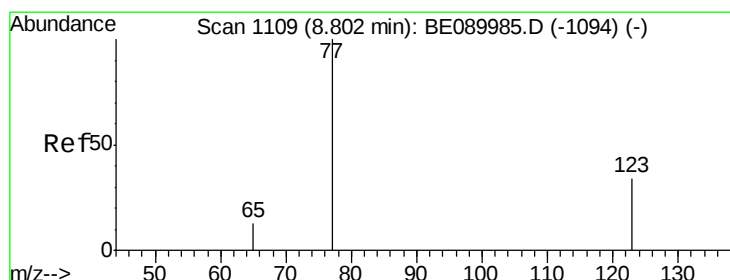
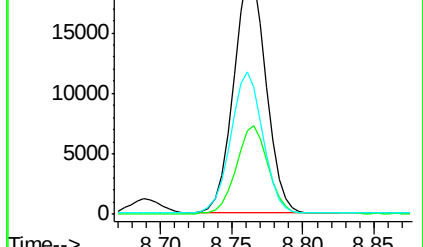
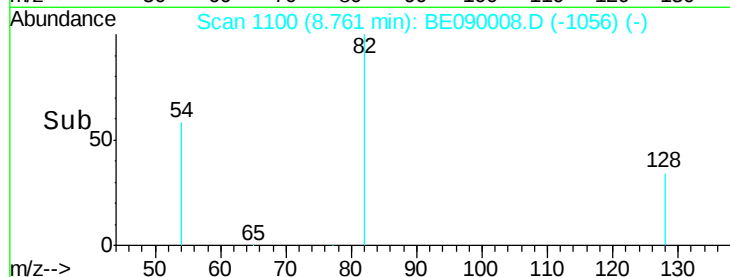


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#8

Nitrobenzene

Concen: 4.86 ng

RT: 8.80 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

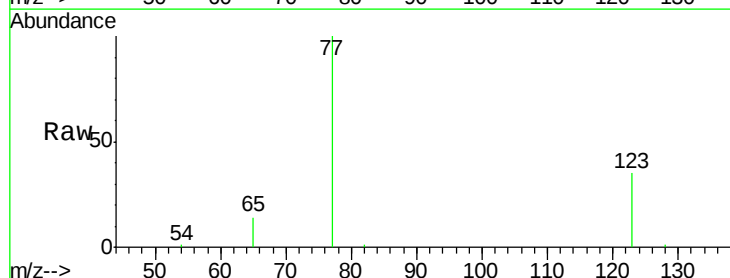
Tgt Ion: 77 Resp: 33619

Ion Ratio Lower Upper

77 100

123 36.6 27.4 41.0

65 13.8 10.6 15.8

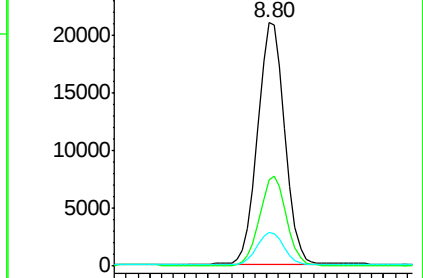
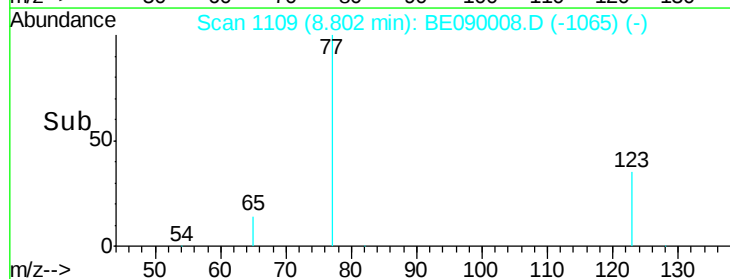


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->





#9

Naphthalene

Concen: 5.50 ng

RT: 10.43 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

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ClientSampleId :

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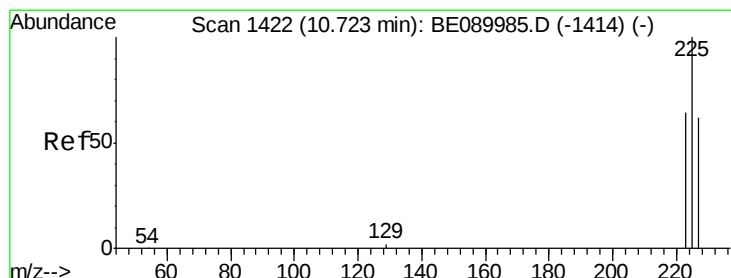
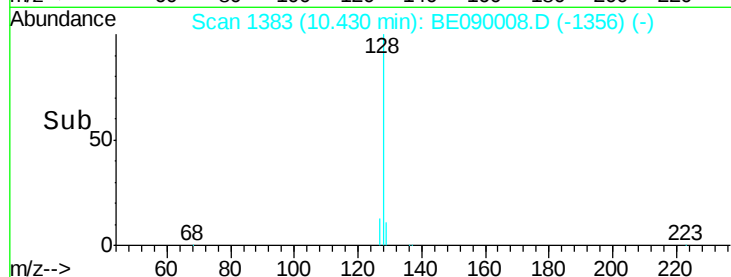
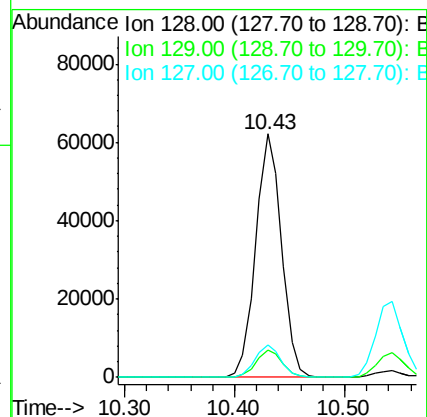
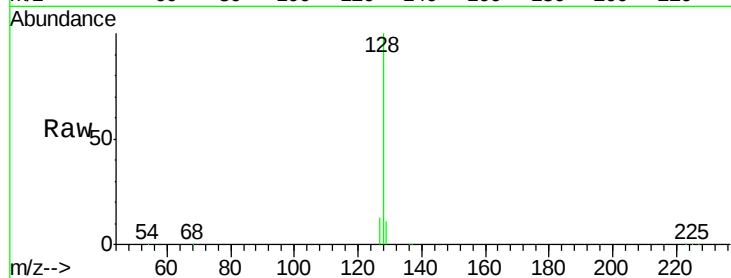
Tgt Ion:128 Resp: 101960

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

127 13.1 10.2 15.4



#10

Hexachlorobutadiene

Concen: 4.46 ng

RT: 10.72 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

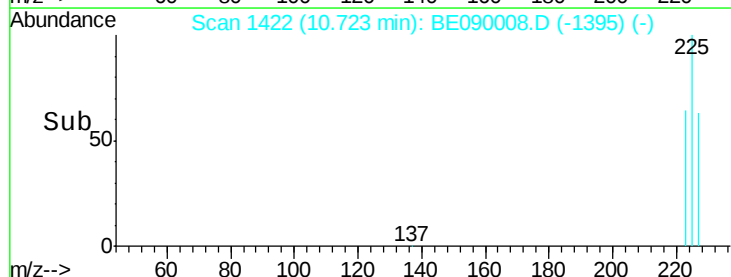
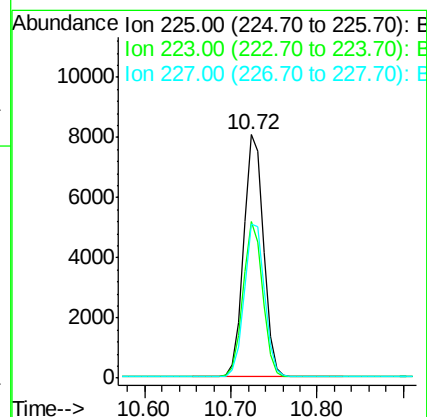
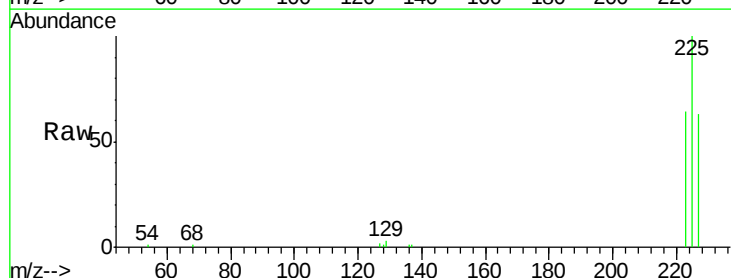
Tgt Ion:225 Resp: 12989

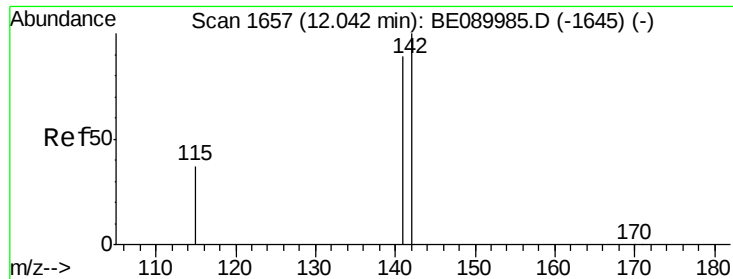
Ion Ratio Lower Upper

225 100

223 62.9 50.1 75.1

227 64.2 50.9 76.3

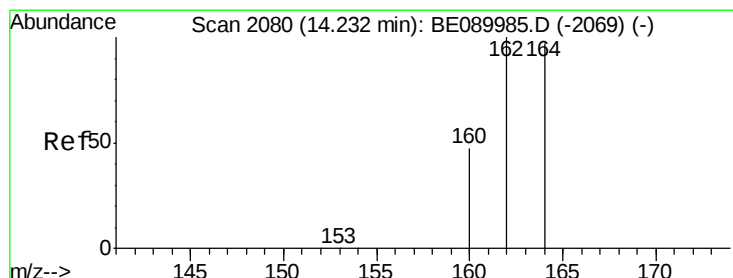
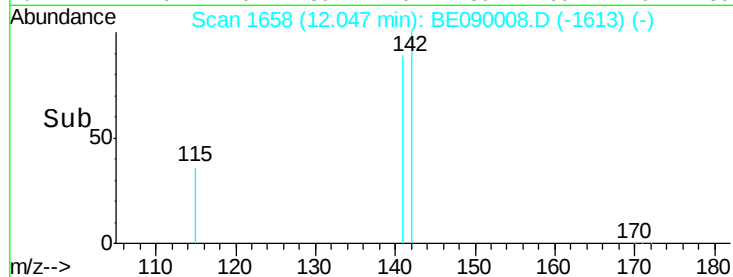
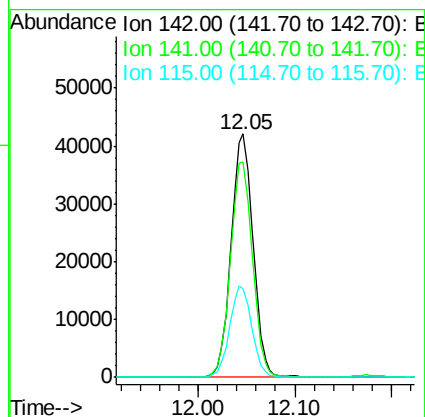
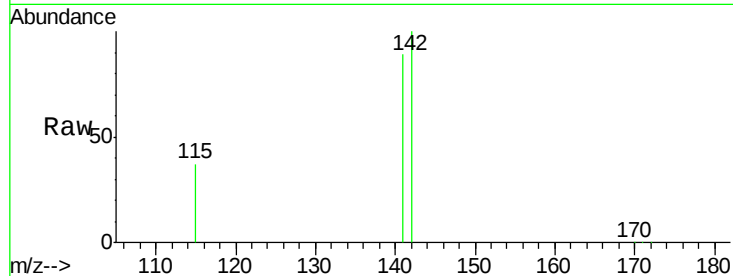




#11
2-Methylnaphthalene
Concen: 5.38 ng
RT: 12.05 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE090008.D
Acq: 30 Jun 2015 8:19

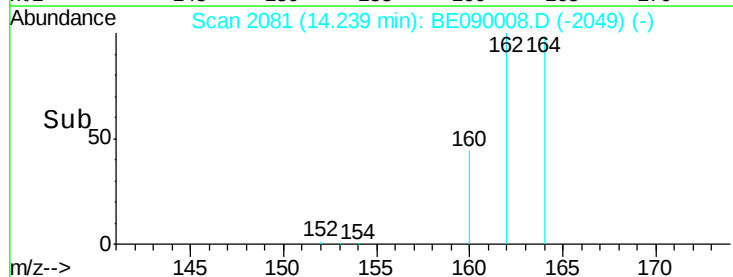
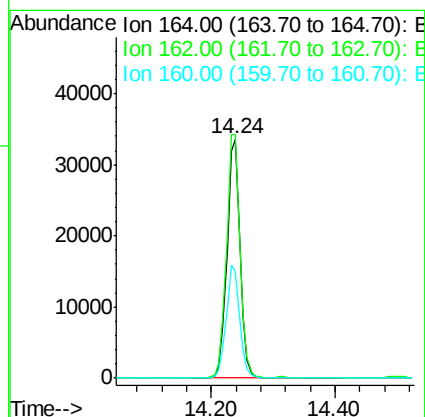
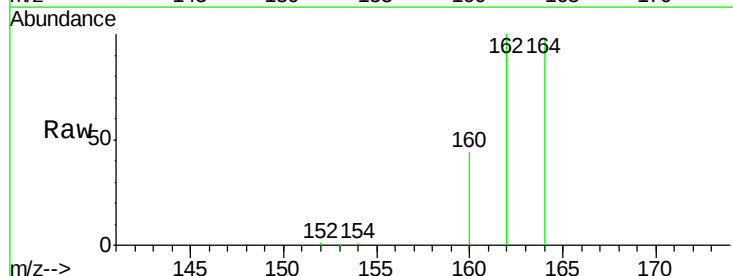
Instrument :
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Tgt Ion:142 Resp: 66620
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9
115 36.5 30.4 45.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. 0.01 min
Lab File: BE090008.D
Acq: 30 Jun 2015 8:19

Tgt Ion:164 Resp: 49339
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.4
160 44.5 39.0 58.6

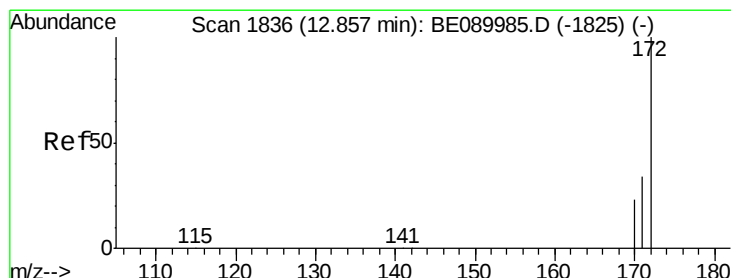
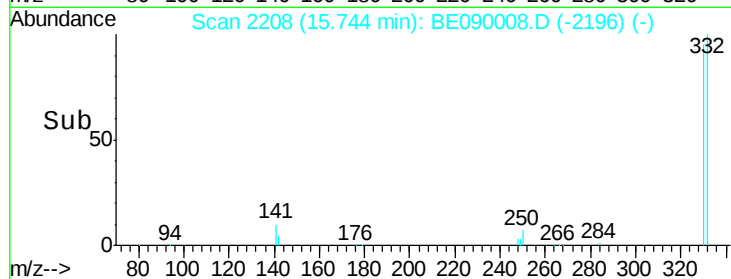
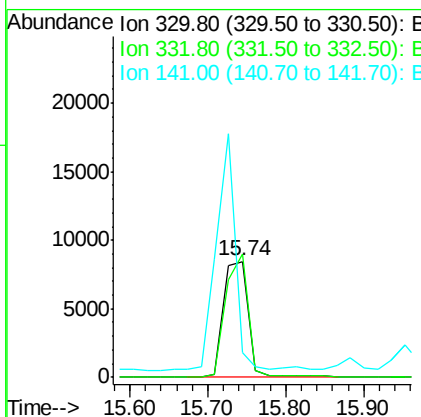
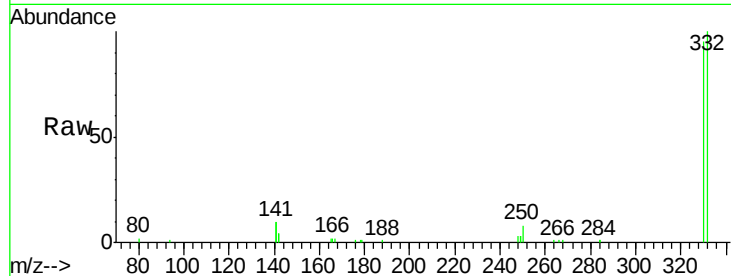




#13
 2,4,6-Tribromophenol
 Concen: 12.68 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.02 min
 Lab File: BE090008.D
 Acq: 30 Jun 2015 8:19

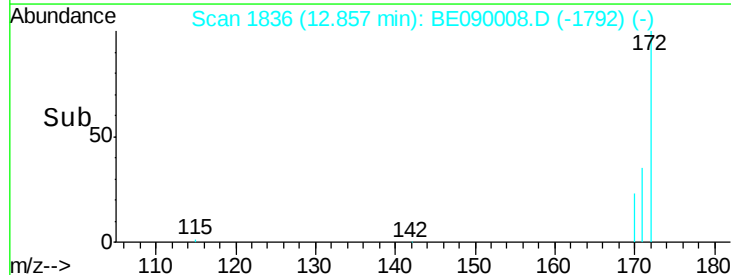
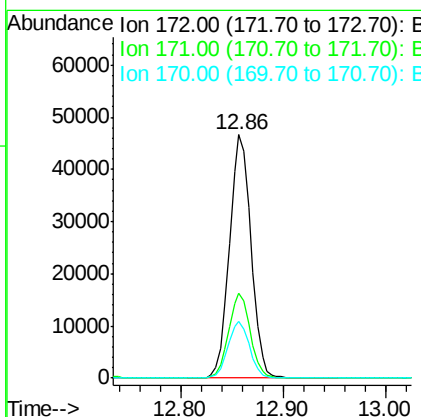
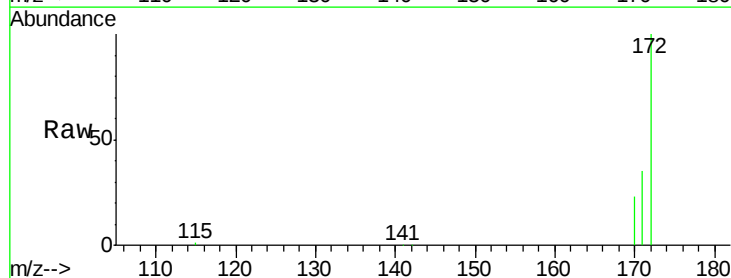
Instrument :
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 ClientSampleId :
 X1SS0520006-150625MSD

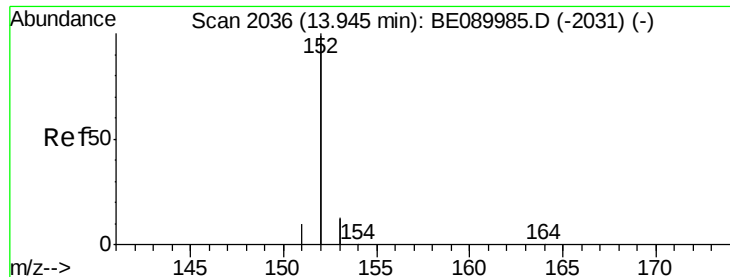
Tgt Ion:330 Resp: 18328
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.4 114.6
 141 158.1 130.3 195.5



#14
 2-Fluorobiphenyl
 Concen: 4.55 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BE090008.D
 Acq: 30 Jun 2015 8:19

Tgt Ion:172 Resp: 67441
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.8 41.6
 170 23.4 18.3 27.5





#15

Acenaphthylene

Concen: 5.07 ng

RT: 13.95 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD

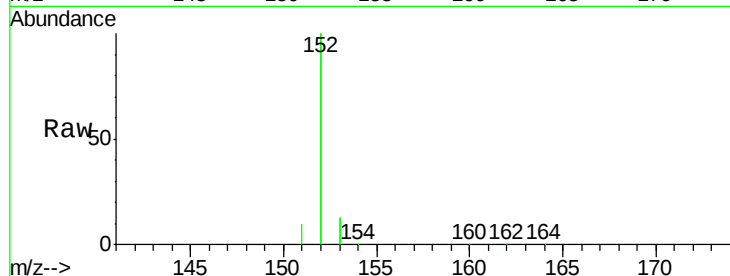
Tgt Ion:152 Resp: 451613

Ion Ratio Lower Upper

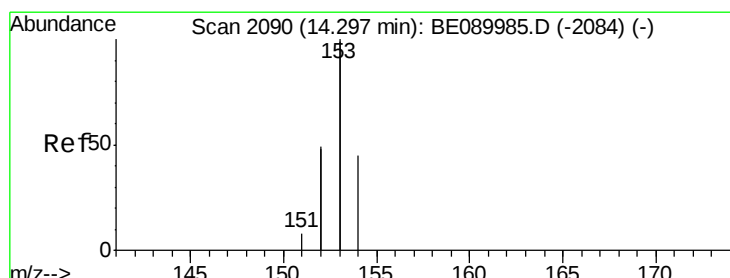
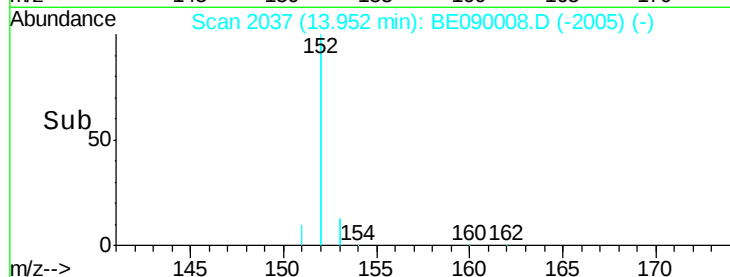
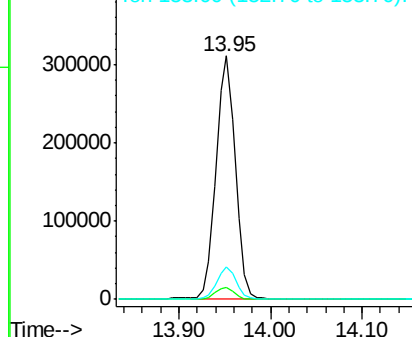
152 100

151 5.0 3.9 5.9

153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 6.27 ng

RT: 14.30 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

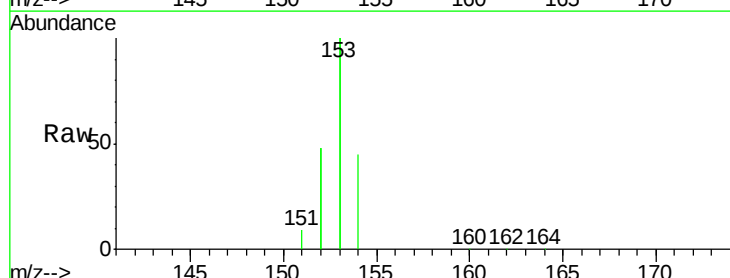
Tgt Ion:154 Resp: 80444

Ion Ratio Lower Upper

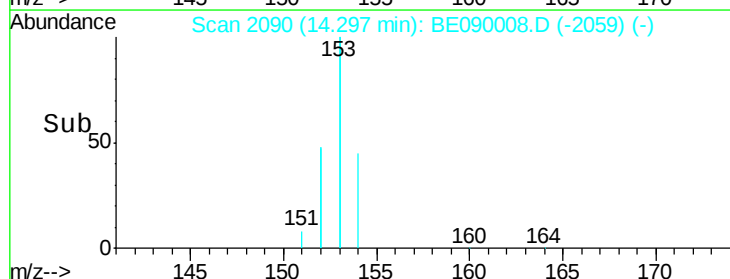
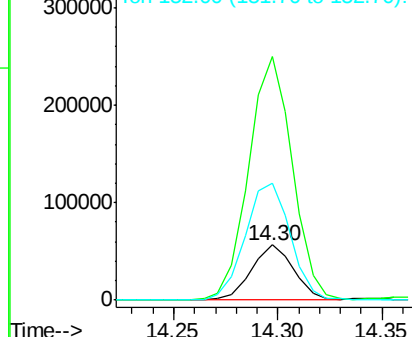
154 100

153 451.2 358.6 538.0

152 224.4 189.6 284.4



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

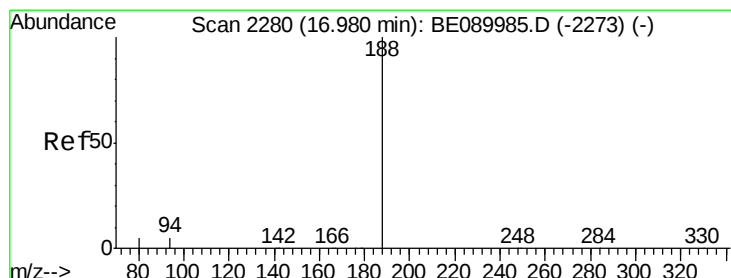
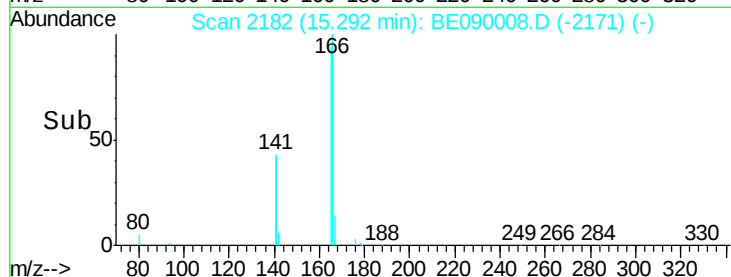
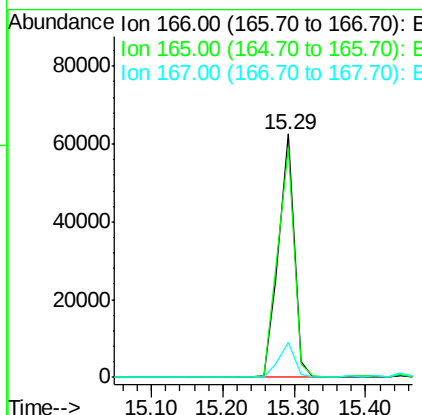
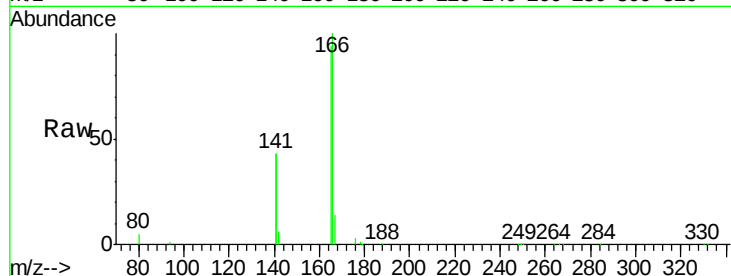




#17
Fluorene
 Concen: 5.52 ng
 RT: 15.29 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: BE090008.D
 Acq: 30 Jun 2015 8:19

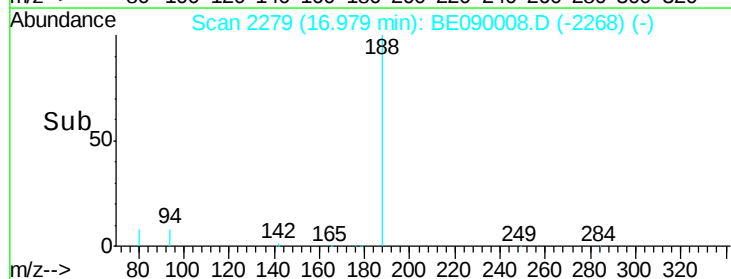
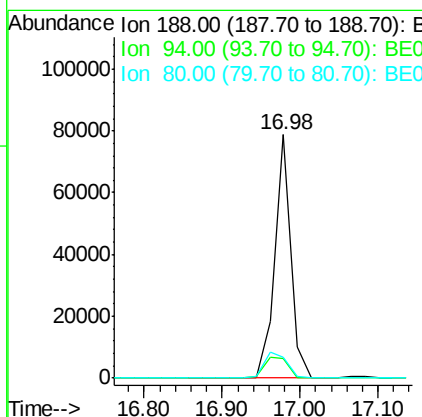
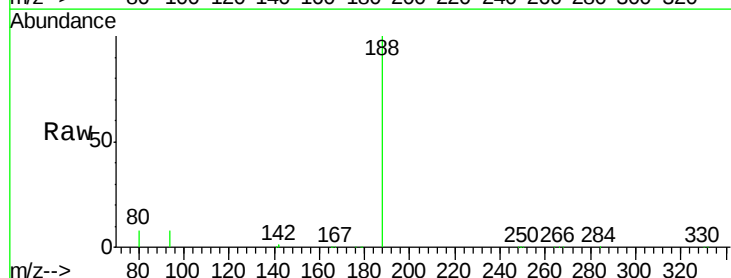
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0520006-150625MSD

Tgt Ion:166 Resp: 96231
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.0 118.6
 167 14.0 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090008.D
 Acq: 30 Jun 2015 8:19

Tgt Ion:188 Resp: 112338
 Ion Ratio Lower Upper
 188 100
 94 7.8 4.1 6.1#
 80 8.4 4.2 6.2#





#19

4-Bromophenyl-phenylether

Concen: 5.31 ng

RT: 16.18 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD

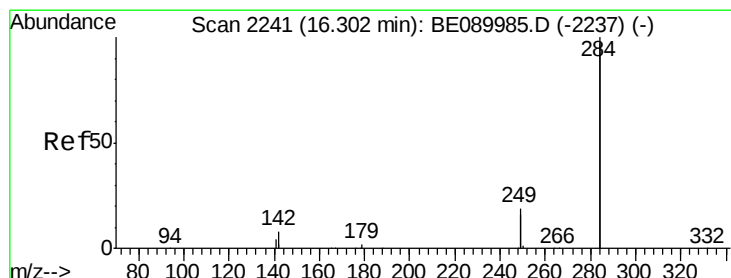
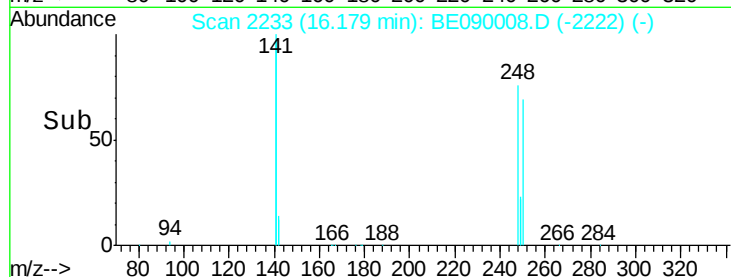
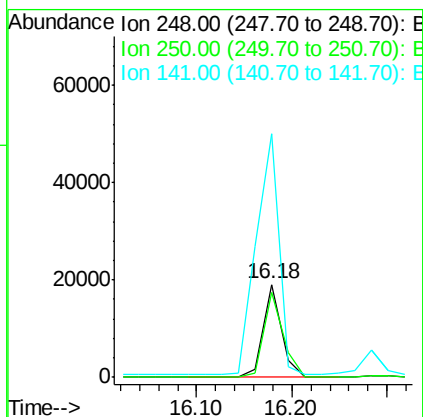
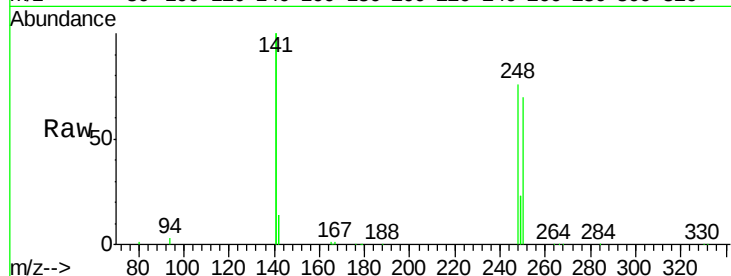
Tgt Ion:248 Resp: 25378

Ion Ratio Lower Upper

248 100

250 96.7 78.3 117.5

141 322.1 248.1 372.1



#20

Hexachlorobenzene

Concen: 5.39 ng

RT: 16.30 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

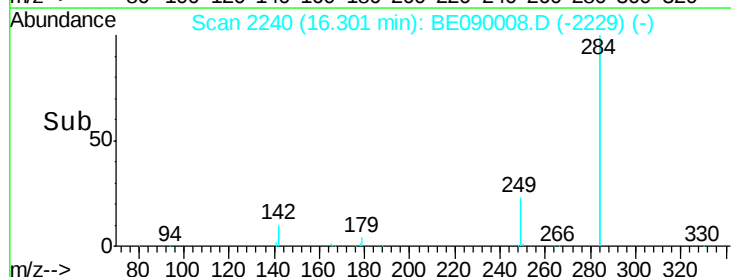
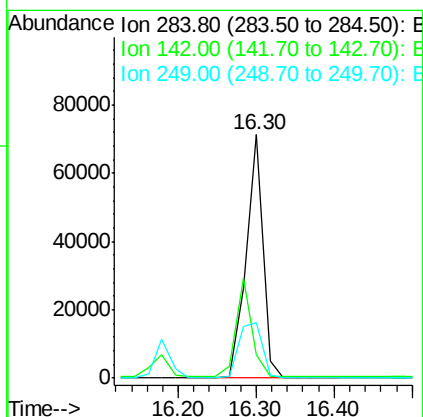
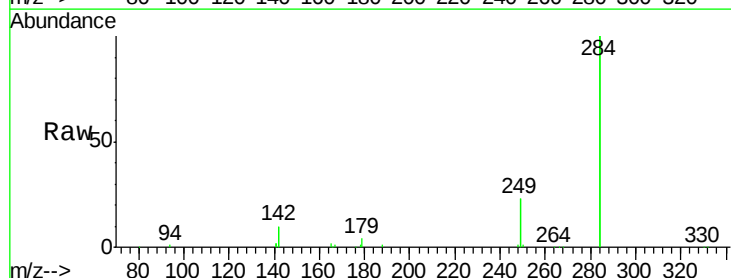
Tgt Ion:284 Resp: 107133

Ion Ratio Lower Upper

284 100

142 37.7 32.6 49.0

249 31.1 25.5 38.3

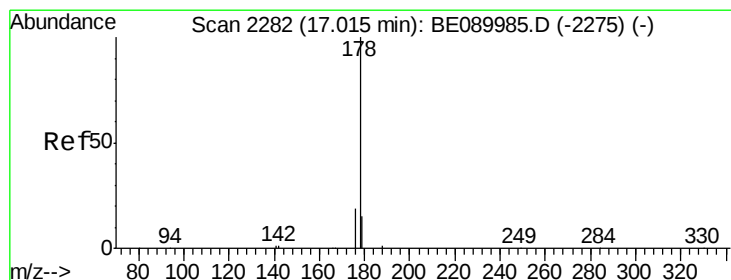
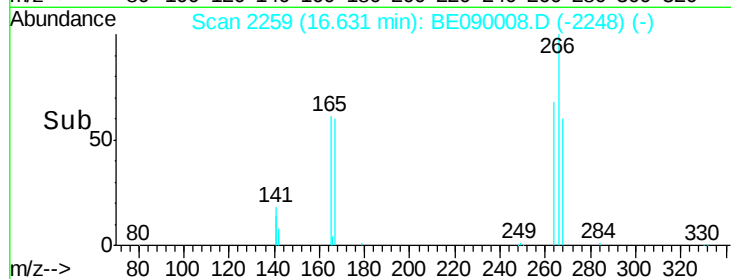
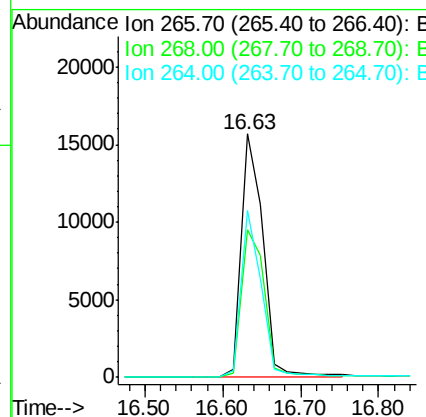
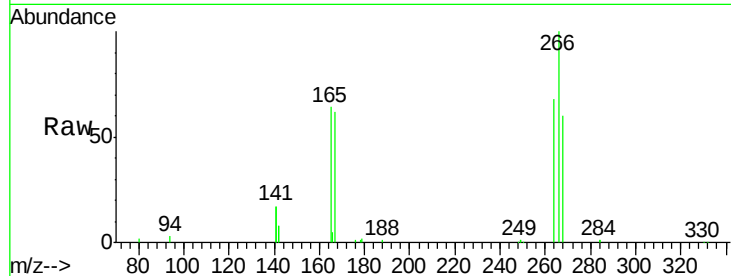




#21
 Pentachlorophenol
 Concen: 11.80 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090008.D
 Acq: 30 Jun 2015 8:19

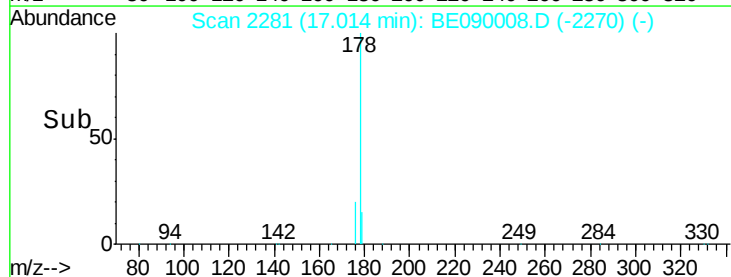
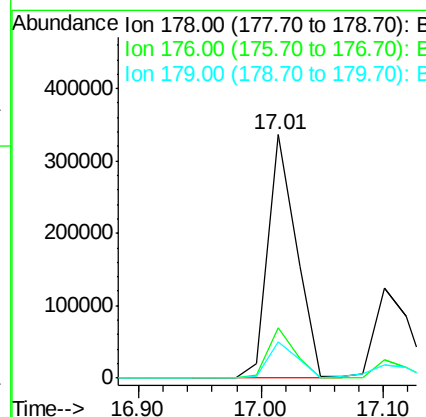
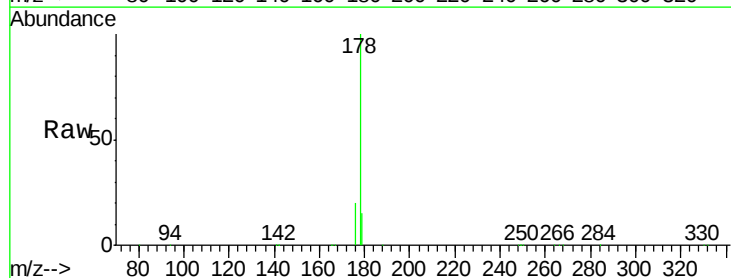
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0520006-150625MSD

Tgt Ion: 266 Resp: 30349
 Ion Ratio Lower Upper
 266 100
 268 60.5 51.8 77.8
 264 68.4 50.2 75.2



#22
 Phenanthrene
 Concen: 18.66 ng
 RT: 17.01 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BE090008.D
 Acq: 30 Jun 2015 8:19

Tgt Ion: 178 Resp: 537158
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 16.0 12.4 18.6





#23

Anthracene

Concen: 8.83 ng

RT: 17.10 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD

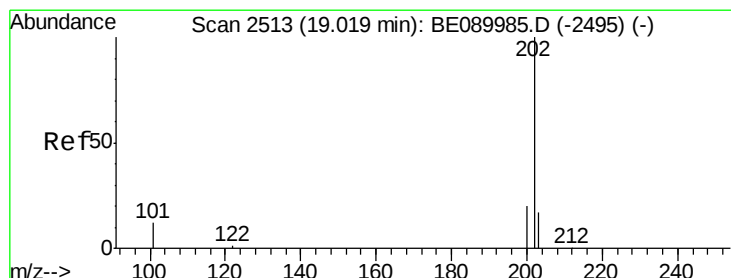
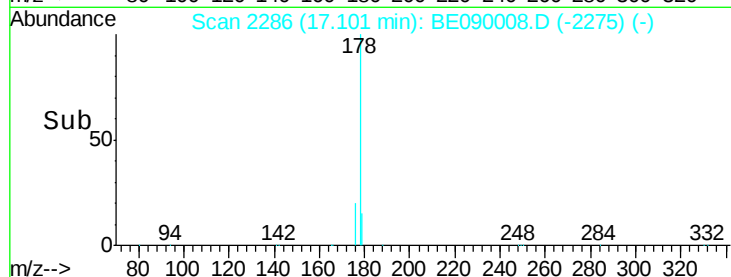
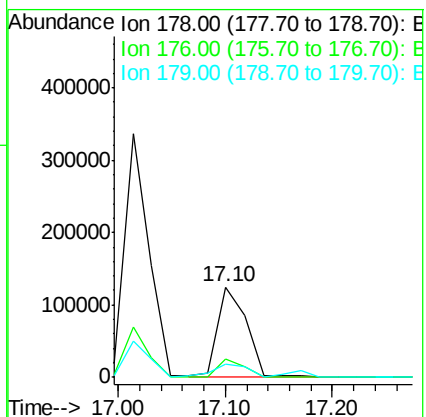
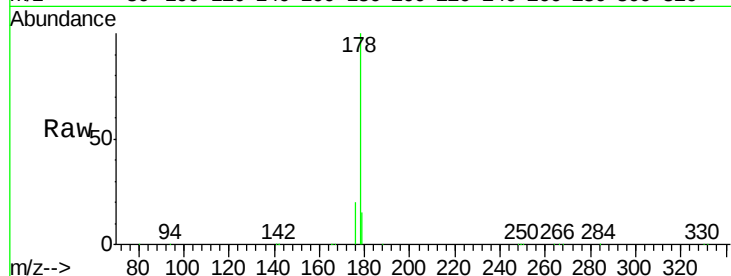
Tgt Ion:178 Resp: 232413

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 14.2 12.1 18.1



#24

Fluoranthene

Concen: 43.39 ng

RT: 19.02 min Scan# 2513

Delta R.T. 0.01 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

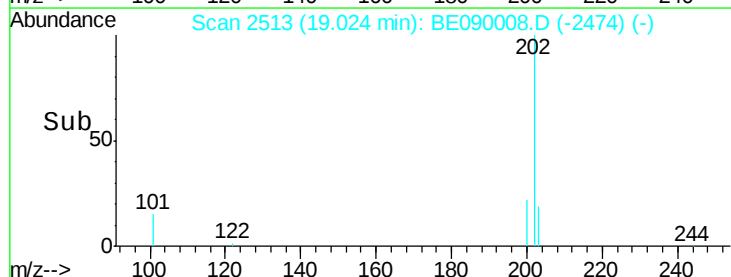
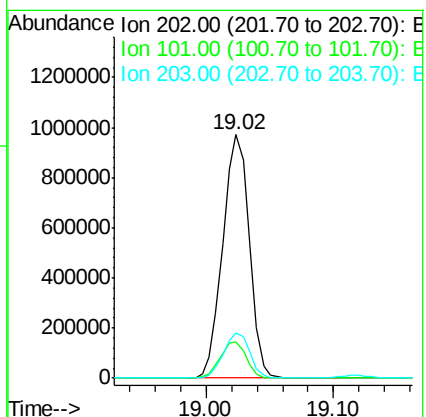
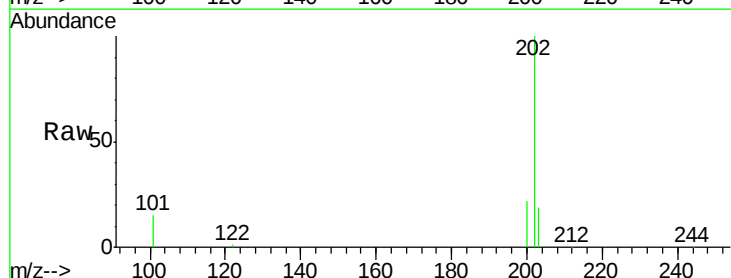
Tgt Ion:202 Resp: 1394723

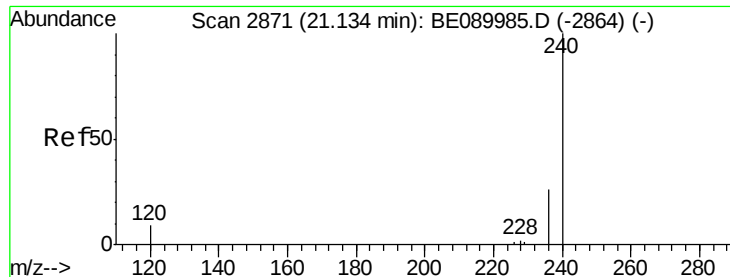
Ion Ratio Lower Upper

202 100

101 14.7 10.6 15.8

203 18.3 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.14 min Scan# 2871

Delta R.T. 0.01 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD

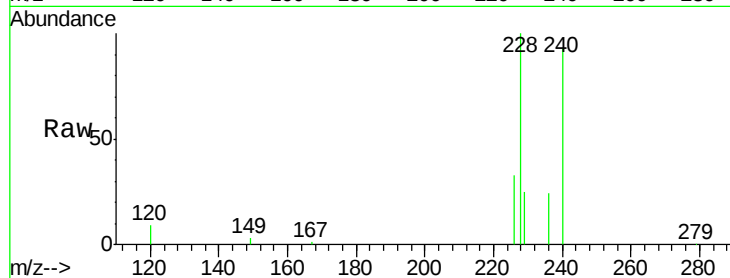
Tgt Ion:240 Resp: 118224

Ion Ratio Lower Upper

240 100

120 9.7 6.9 10.3

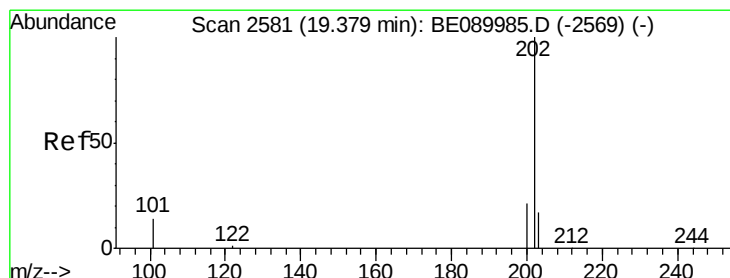
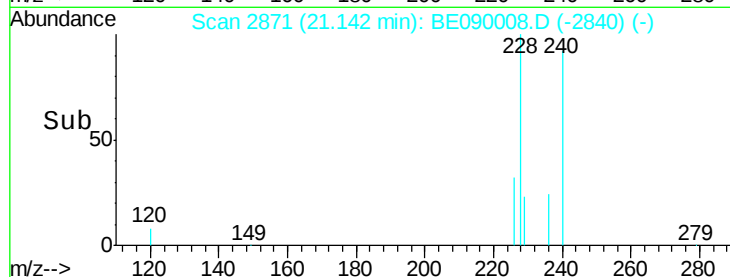
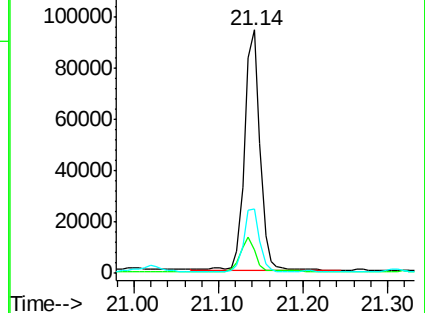
236 26.3 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 47.50 ng

RT: 19.38 min Scan# 2581

Delta R.T. 0.01 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

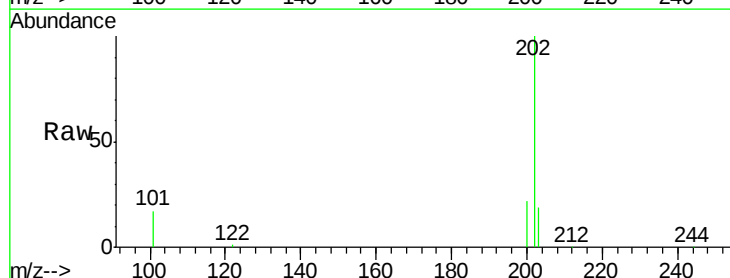
Tgt Ion:202 Resp: 1338636

Ion Ratio Lower Upper

202 100

200 22.2 16.8 25.2

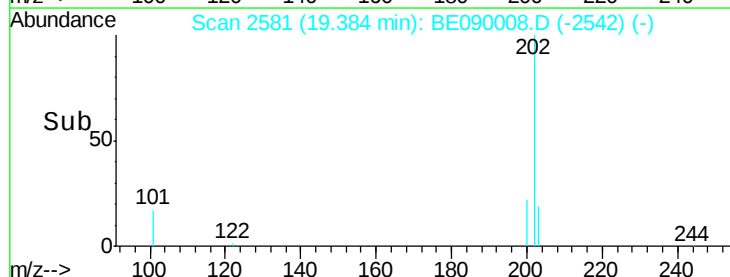
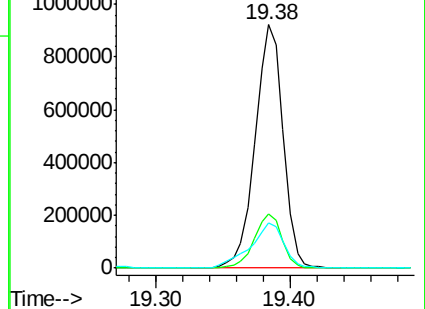
203 22.4 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

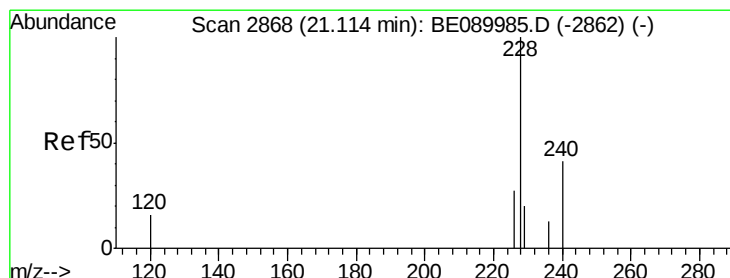
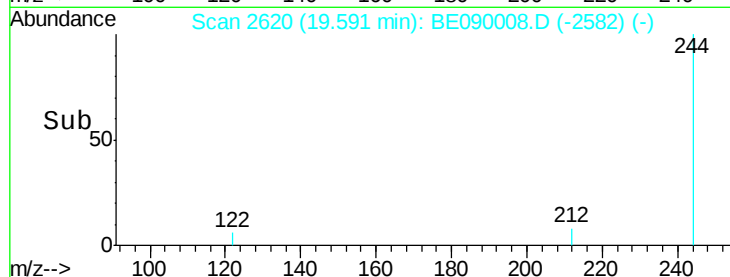
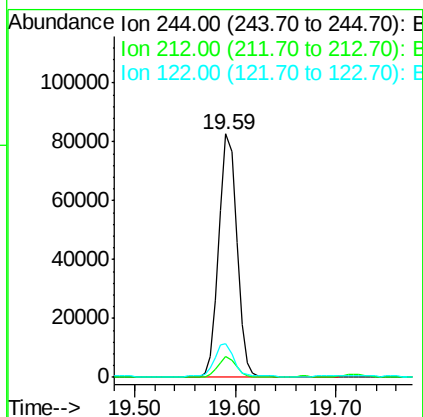
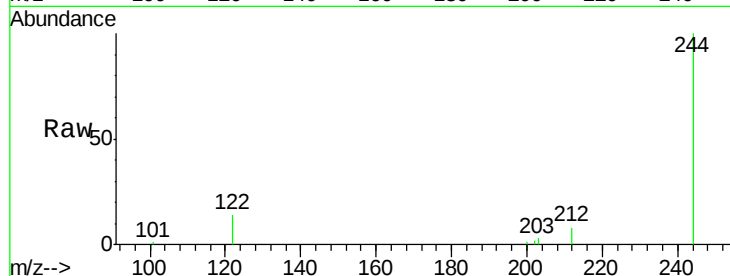




#27
 Terphenyl-d14
 Concen: 5.21 ng
 RT: 19.59 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BE090008.D
 Acq: 30 Jun 2015 8:19

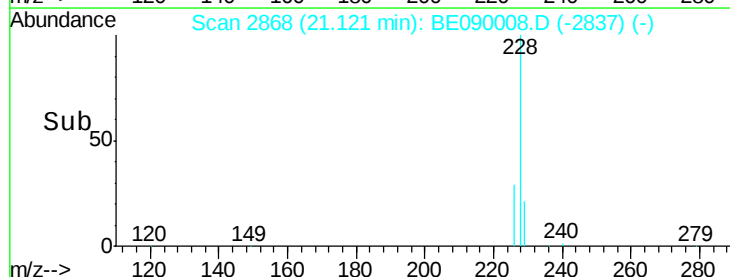
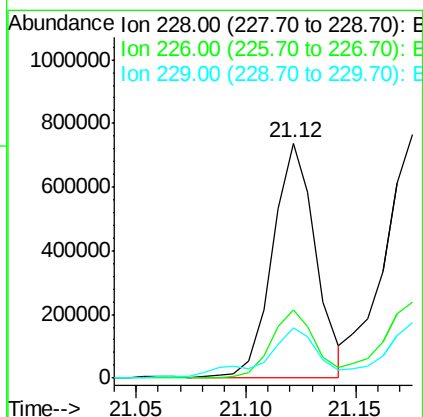
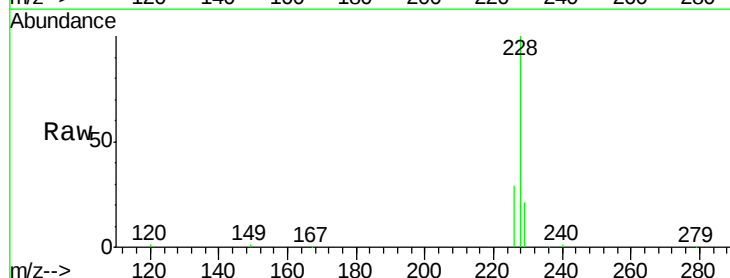
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0520006-150625MSD

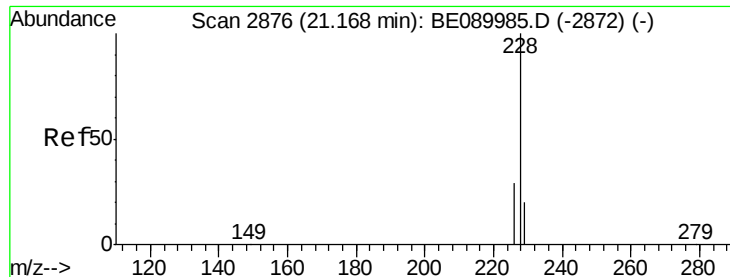
Tgt Ion:244 Resp: 102665
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 13.8 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 33.88 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. 0.01 min
 Lab File: BE090008.D
 Acq: 30 Jun 2015 8:19

Tgt Ion:228 Resp: 1000463
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.8 32.6
 229 21.2 15.8 23.6





#29

Chrysene

Concen: 35.53 ng

RT: 21.18 min Scan# 2876

Delta R.T. 0.01 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD

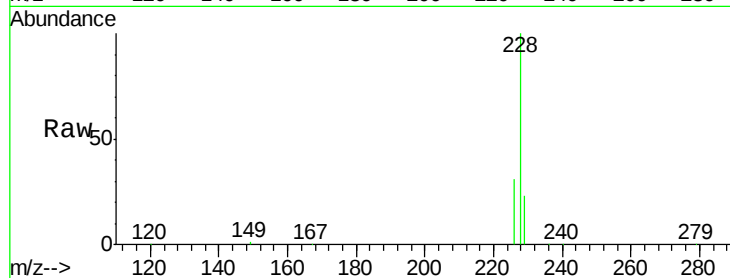
Tgt Ion:228 Resp: 1089191

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

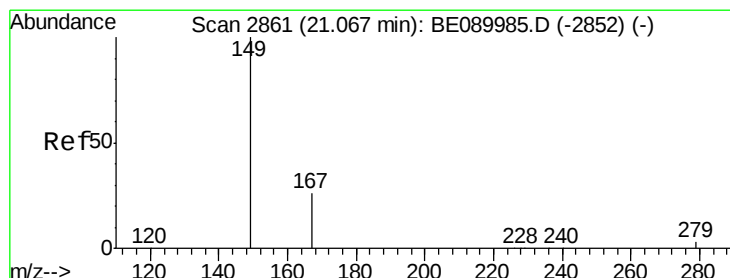
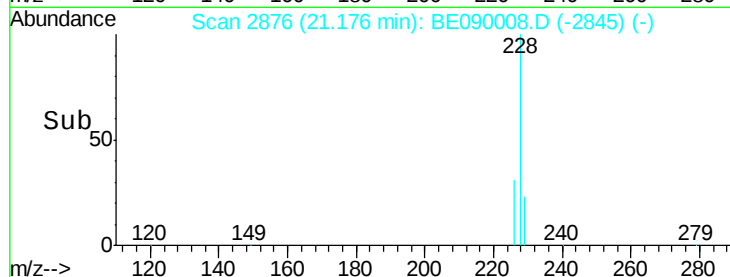
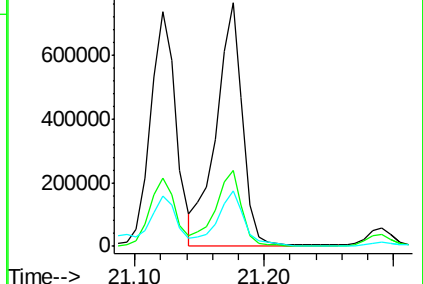
229 22.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 8.88 ng

RT: 21.07 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

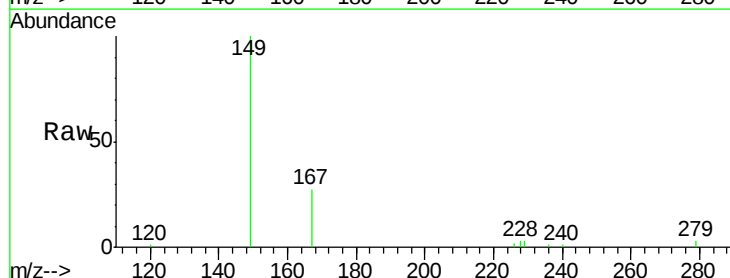
Tgt Ion:149 Resp: 123956

Ion Ratio Lower Upper

149 100

167 22.9 20.3 30.5

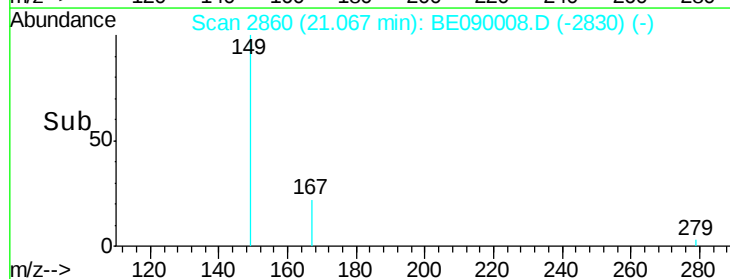
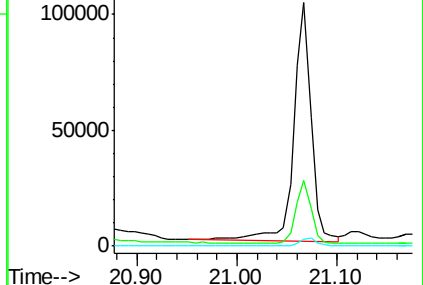
279 3.4 2.6 3.8

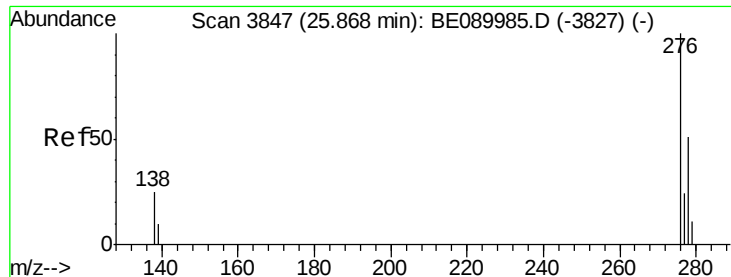


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 27.88 ng

RT: 25.89 min Scan# 3851

Delta R.T. 0.02 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD

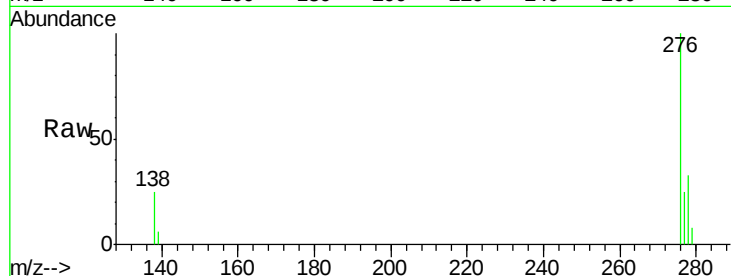
Tgt Ion:276 Resp: 819421

Ion Ratio Lower Upper

276 100

138 24.3 21.3 31.9

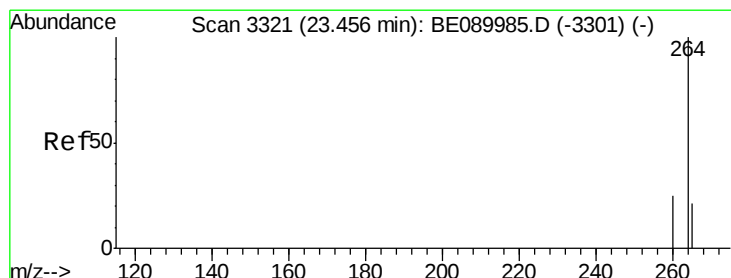
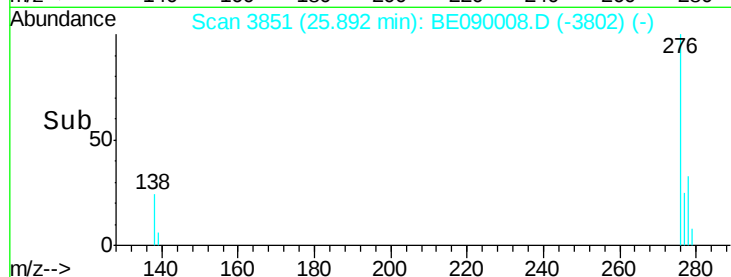
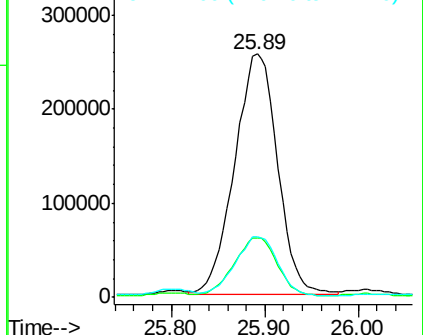
277 24.1 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 3322

Delta R.T. 0.01 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

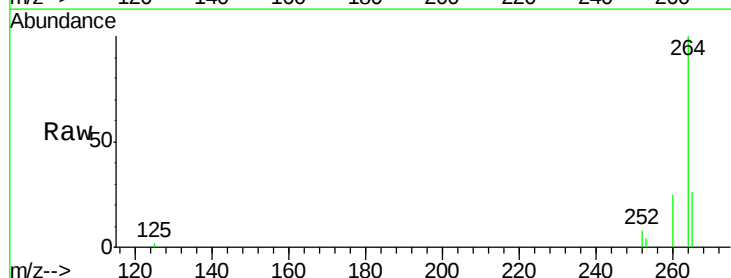
Tgt Ion:264 Resp: 121336

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

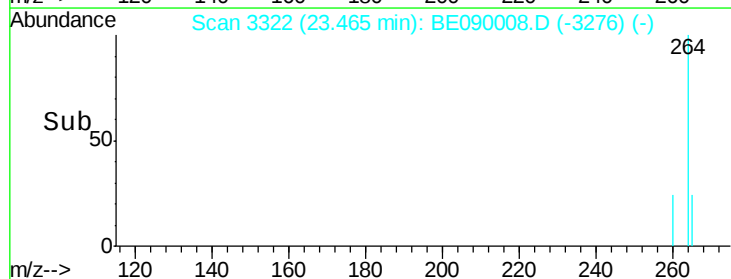
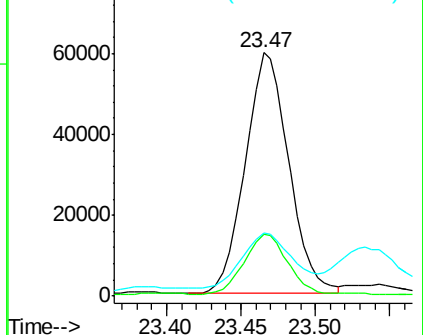
265 26.0 17.1 25.7#

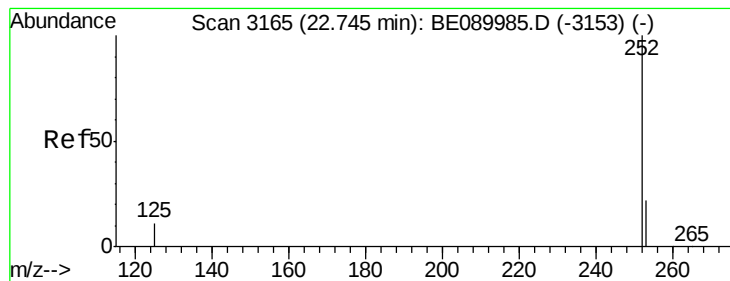


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 52.45 ng

RT: 22.76 min Scan# 3168

Delta R.T. 0.02 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD

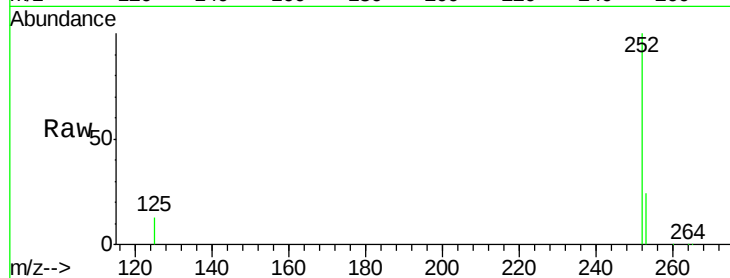
Tgt Ion:252 Resp: 1403874

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

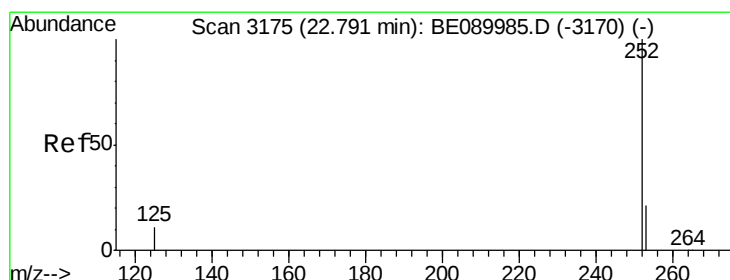
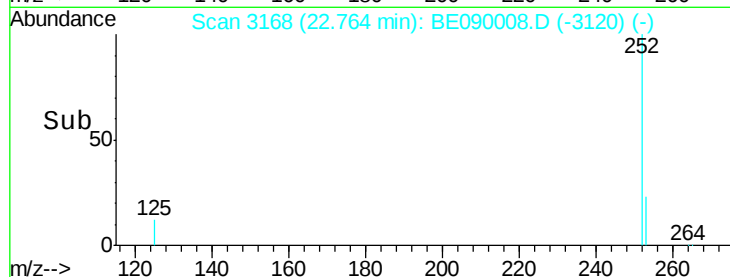
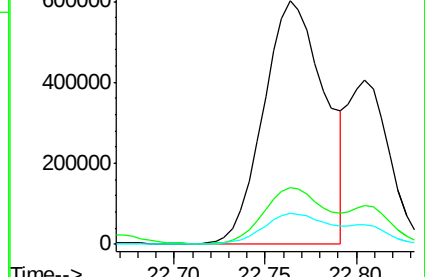
125 12.6 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 46.95 ng

RT: 22.76 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BE090008.D

Acq: 30 Jun 2015 8:19

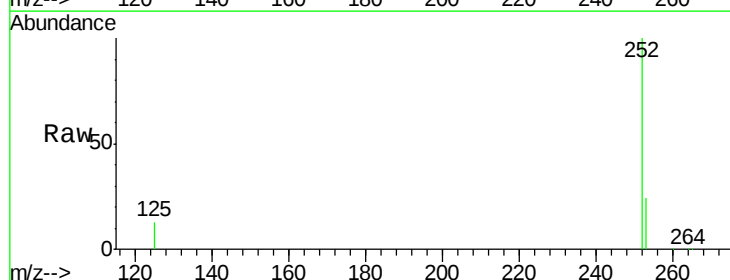
Tgt Ion:252 Resp: 1403874

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

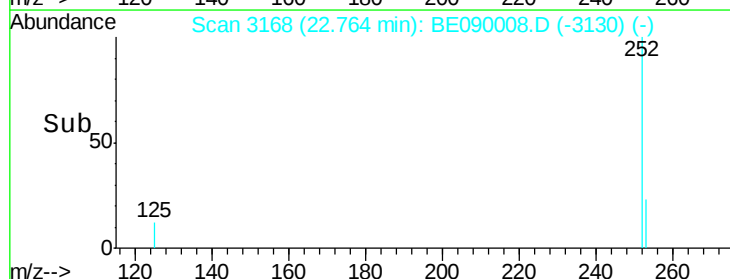
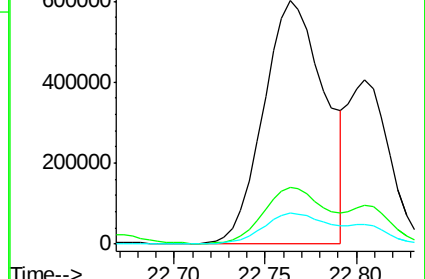
125 12.6 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

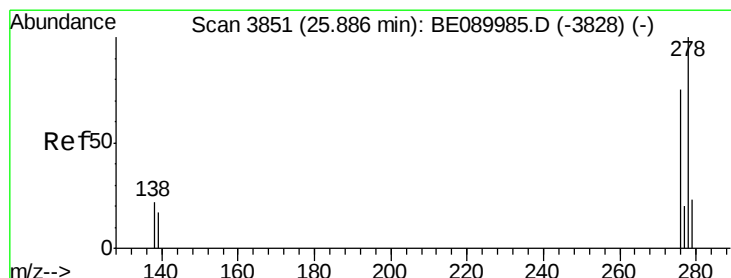
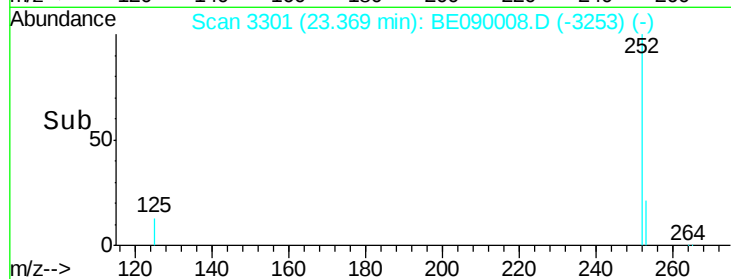
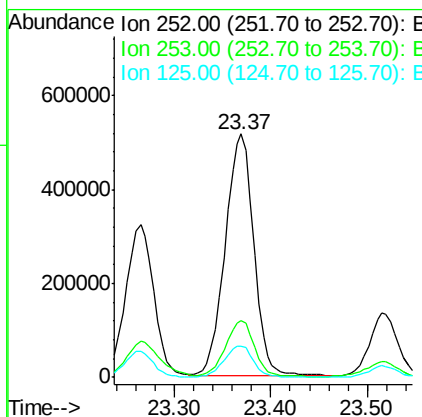
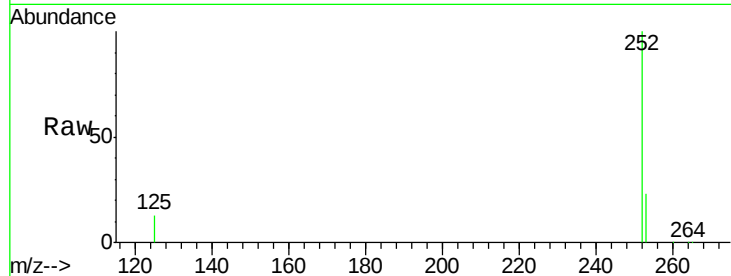




#35
Benzo(a)pyrene
Concen: 42.48 ng
RT: 23.37 min Scan# 3301
Delta R.T. 0.02 min
Lab File: BE090008.D
Acq: 30 Jun 2015 8:19

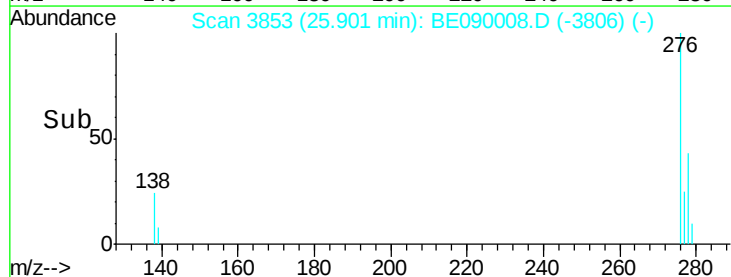
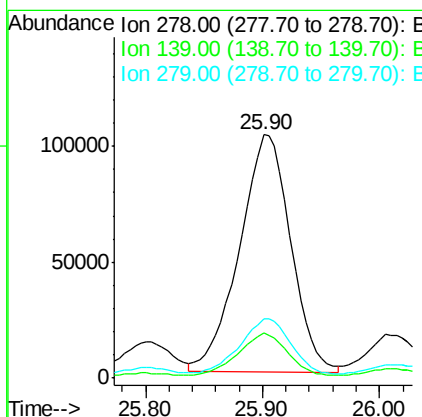
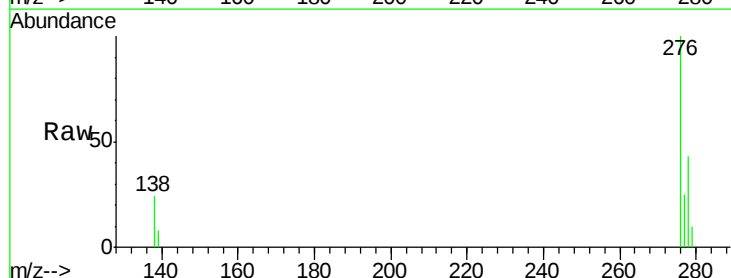
Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MSD

Tgt Ion:252 Resp: 1050064
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 13.0 10.5 15.7



#36
Dibenzo(a,h)anthracene
Concen: 12.29 ng
RT: 25.90 min Scan# 3853
Delta R.T. 0.01 min
Lab File: BE090008.D
Acq: 30 Jun 2015 8:19

Tgt Ion:278 Resp: 311845
Ion Ratio Lower Upper
278 100
139 18.4 14.4 21.6
279 24.2 19.0 28.6





#37

Benzo(g,h,i)perylene

Concen: 30.93 ng

RT: 26.64 min Scan# 4015

Delta R.T. 0.03 min

Lab File: BE090008.D

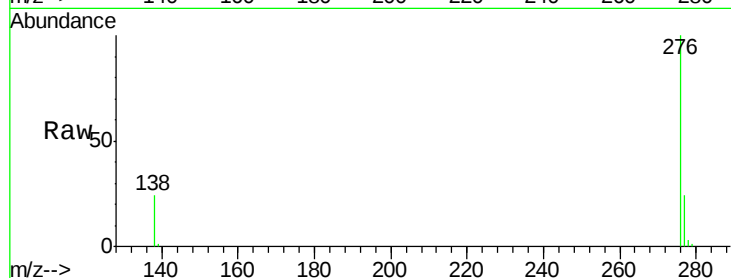
Acq: 30 Jun 2015 8:19

Instrument :

BNA_E

ClientSampleId :

X1SS0520006-150625MSD



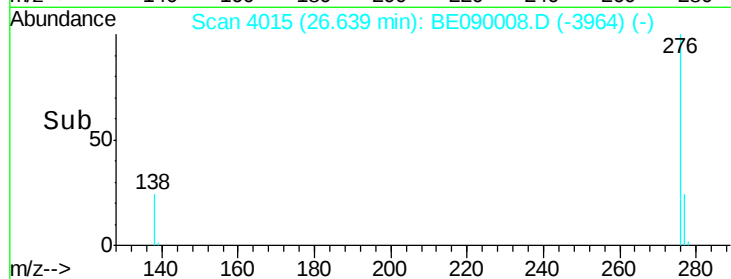
Tgt Ion: 276 Resp: 795585

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 24.3 18.6 27.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

