

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
 Data File : BE090749.D
 Acq On : 8 Sep 2015 15:34
 Operator : UM/IZ
 Sample : PB85439BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85439BS

Quant Time: Sep 08 23:06:54 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:05:35 2015
 Response via : Initial Calibration

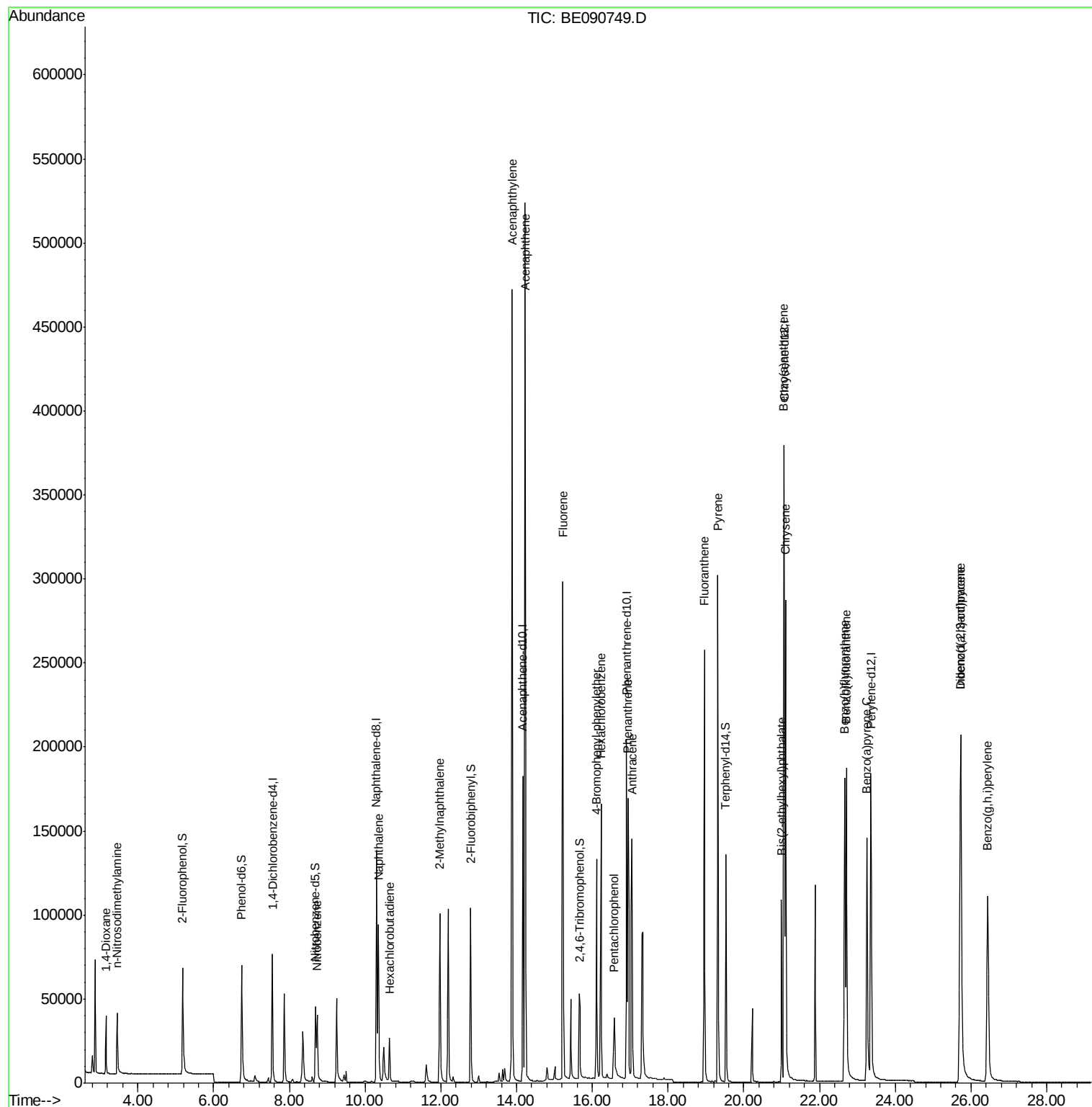
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	40070	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	187571	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	103076	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	238281	5.00	ng	0.00
25) Chrysene-d12	21.07	240	300395	5.00	ng	0.00
32) Perylene-d12	23.36	264	268291	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	63316	8.10	ng	0.00
5) Phenol-d6	6.74	99	97578	8.75	ng	-0.01
7) Nitrobenzene-d5	8.69	82	49039	3.96	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	25481	8.41	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	102644	3.60	ng	0.00
27) Terphenyl-d14	19.53	244	150372	4.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	19514	3.70	ng	99
3) n-Nitrosodimethylamine	3.45	42	24519	3.43	ng	# 97
8) Nitrobenzene	8.73	77	51523	3.42	ng	99
9) Naphthalene	10.35	128	134013	3.28	ng	99
10) Hexachlorobutadiene	10.65	225	19413	3.03	ng	100
11) 2-Methylnaphthalene	11.98	142	87113	3.94	ng	98
15) Acenaphthylene	13.88	152	606274	3.68	ng	100
16) Acenaphthene	14.23	154	93880	3.41	ng	90
17) Fluorene	15.22	166	123576	3.60	ng	97
19) 4-Bromophenyl-phenylether	16.11	248	31264	3.85	ng	100
20) Hexachlorobenzene	16.23	284	149361	3.82	ng	99
21) Pentachlorophenol	16.58	266	25092	7.61	ng	96
22) Phenanthrene	16.94	178	215425	3.65	ng	99
23) Anthracene	17.05	178	205952	4.18	ng	100
24) Fluoranthene	18.96	202	242131	3.90	ng	99
26) Pyrene	19.32	202	269677	4.34	ng	99
28) Benzo(a)anthracene	21.05	228	257531	3.91	ng	100
29) Chrysene	21.11	228	266908	3.83	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	83329	3.90	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	276892	3.90	ng	99
33) Benzo(b)fluoranthene	22.66	252	230024	3.95	ng	99
34) Benzo(k)fluoranthene	22.70	252	269077	3.97	ng	99
35) Benzo(a)pyrene	23.25	252	222550	4.28	ng	99
36) Dibenzo(a,h)anthracene	25.73	278	227612	3.63	ng	99
37) Benzo(g,h,i)perylene	26.44	276	239866	4.01	ng	99

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

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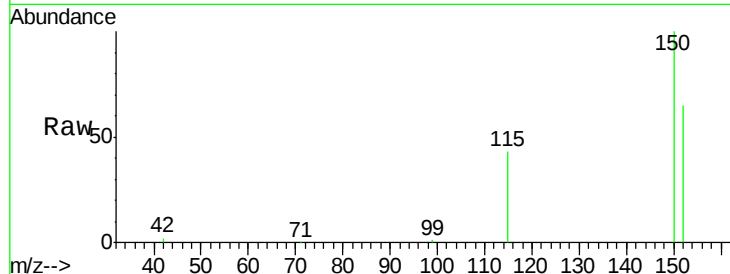




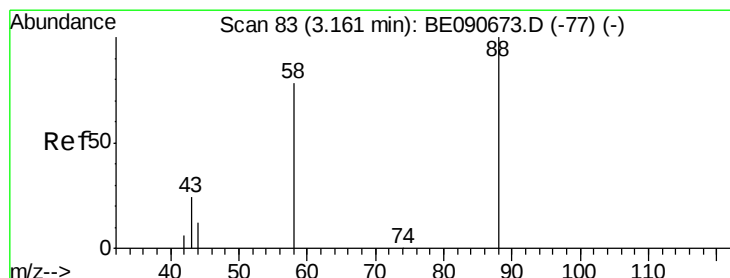
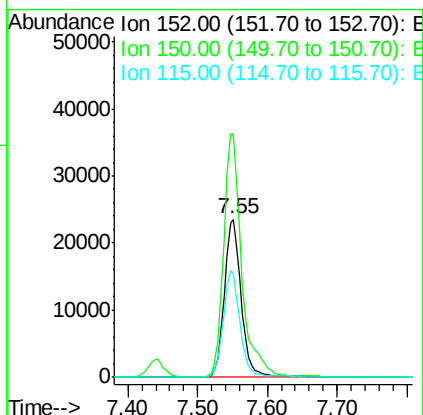
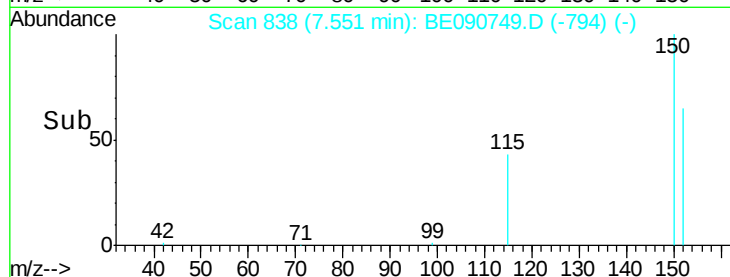
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

Instrument :
 BNA_E
 ClientSampleId :
 PB85439BS

Tgt Ion:152 Resp: 40070
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.2 183.4
 115 65.6 51.0 76.4

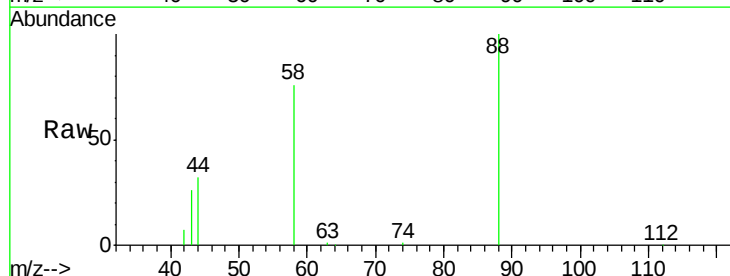


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

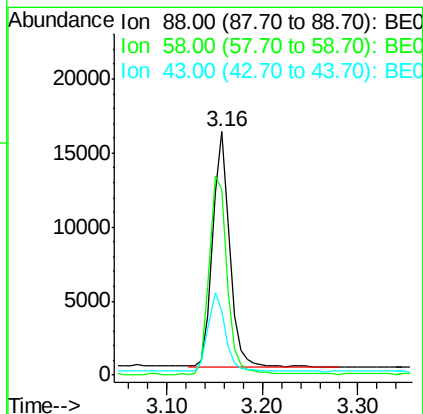
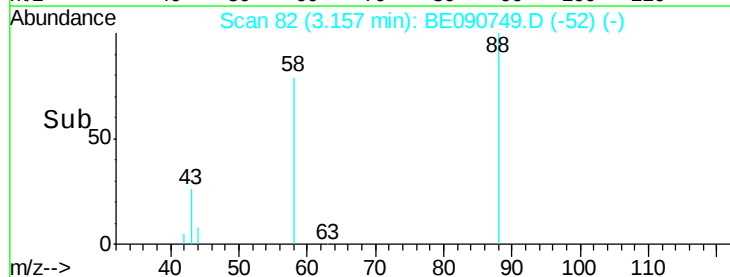


#2
 1,4-Dioxane
 Concen: 3.70 ng
 RT: 3.16 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

Tgt Ion: 88 Resp: 19514
 Ion Ratio Lower Upper
 88 100
 58 86.9 68.4 102.6
 43 33.0 26.9 40.3



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



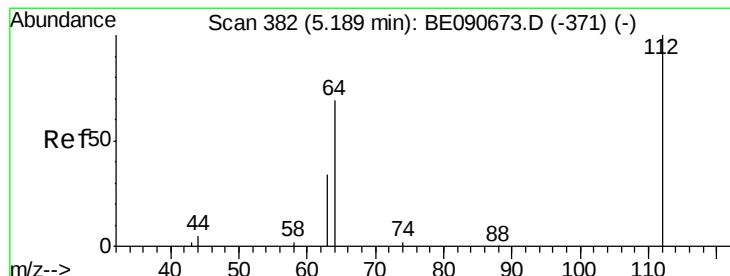
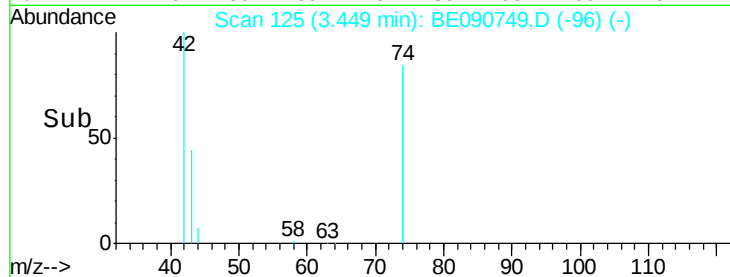
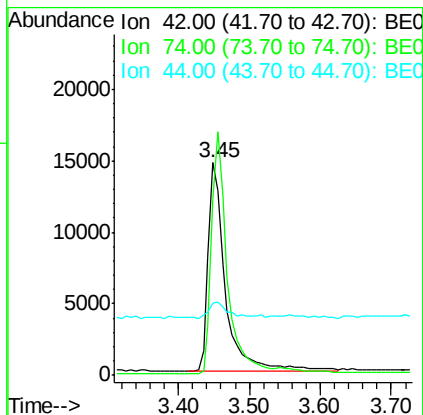
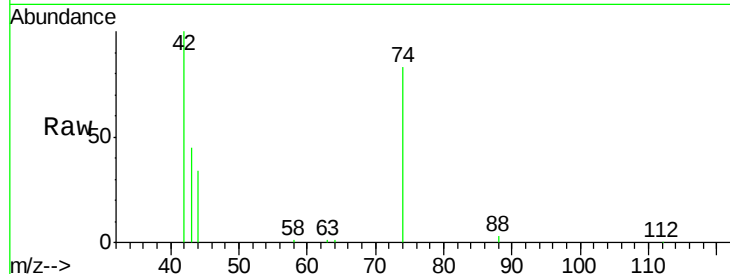


#3

n-Nitrosodimethylamine
 Concen: 3.43 ng
 RT: 3.45 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

Instrument :
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 ClientSampleId :
 PB85439BS

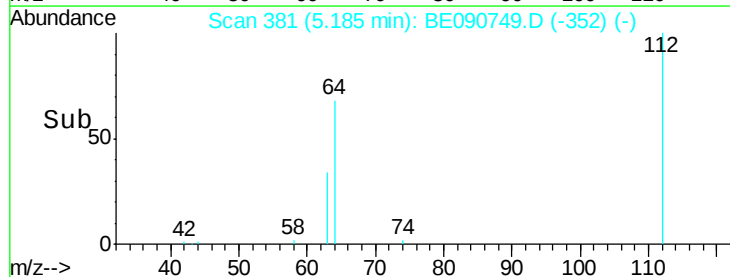
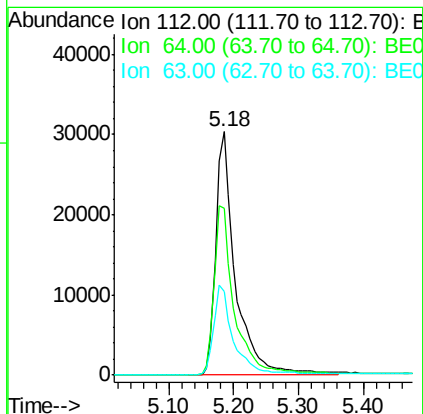
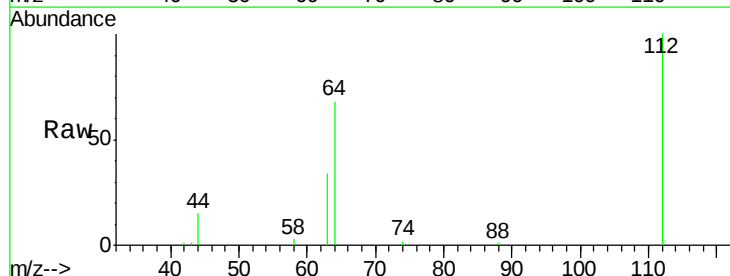
Tgt Ion: 42 Resp: 24519
 Ion Ratio Lower Upper
 42 100
 74 106.6 83.7 125.5
 44 9.4 10.0 15.0#



#4

2-Fluorophenol
 Concen: 8.10 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

Tgt Ion: 112 Resp: 63316
 Ion Ratio Lower Upper
 112 100
 64 71.6 57.3 85.9
 63 37.2 29.2 43.8





#5

Phenol-d6

Concen: 8.75 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS

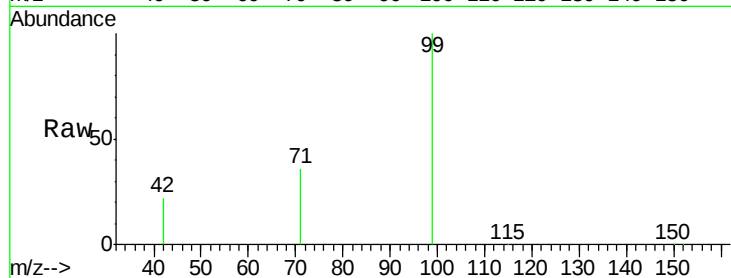
Tgt Ion: 99 Resp: 97578

Ion Ratio Lower Upper

99 100

42 21.8 16.8 25.2

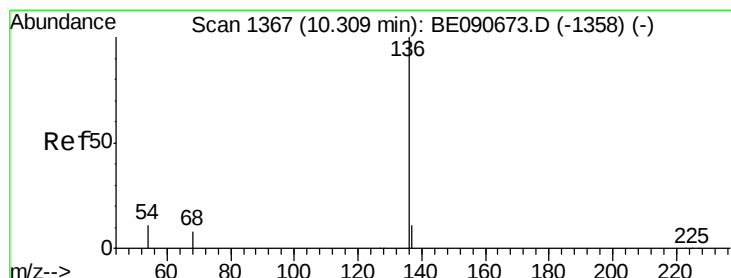
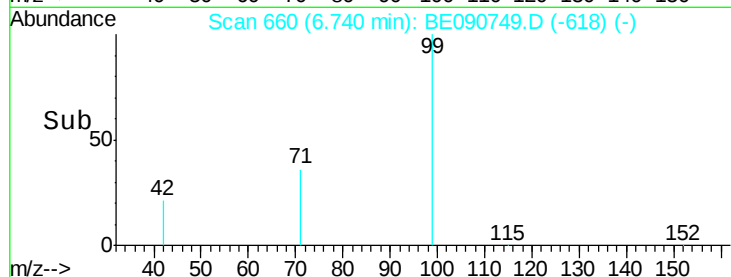
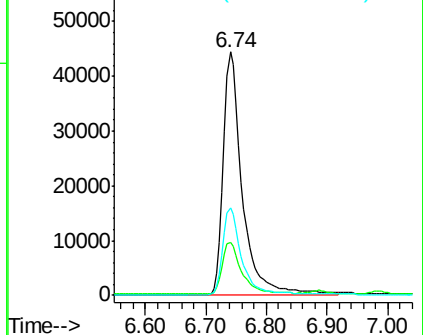
71 35.7 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Tgt Ion: 136 Resp: 187571

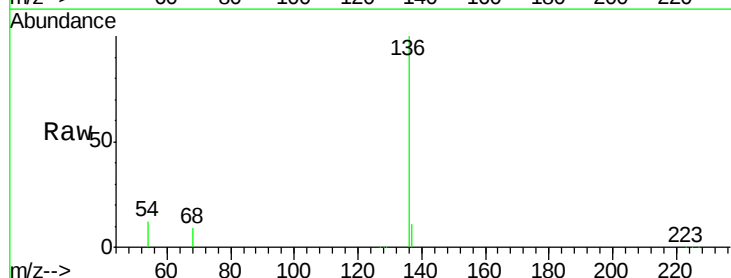
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 12.0 9.0 13.6

68 8.6 6.3 9.5

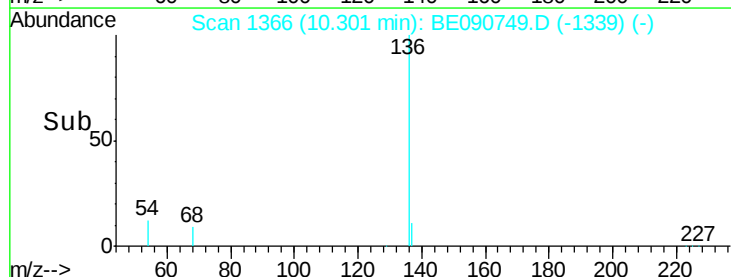
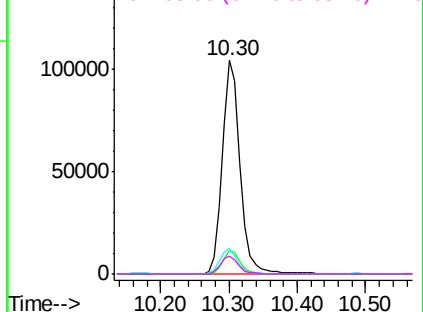


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.96 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

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PB85439BS

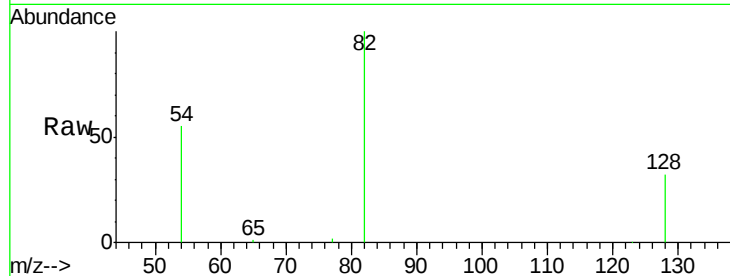
Tgt Ion: 82 Resp: 49039

Ion Ratio Lower Upper

82 100

128 31.6 25.0 37.4

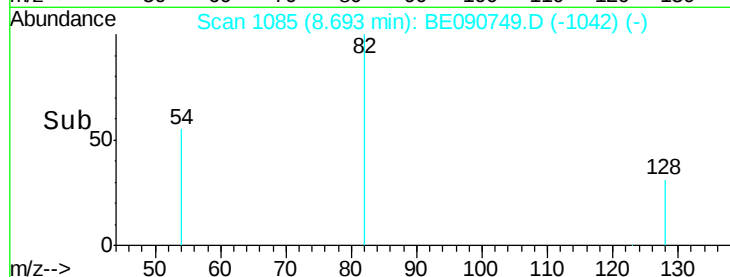
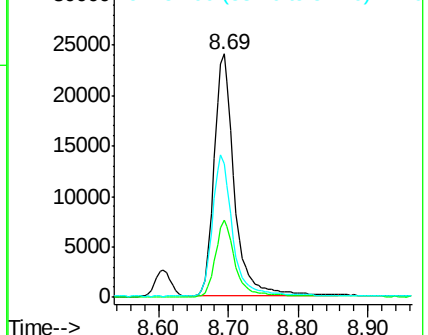
54 54.9 46.3 69.5



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: 3.42 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

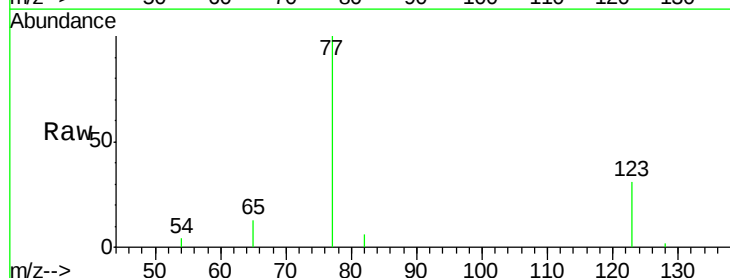
Tgt Ion: 77 Resp: 51523

Ion Ratio Lower Upper

77 100

123 32.1 25.1 37.7

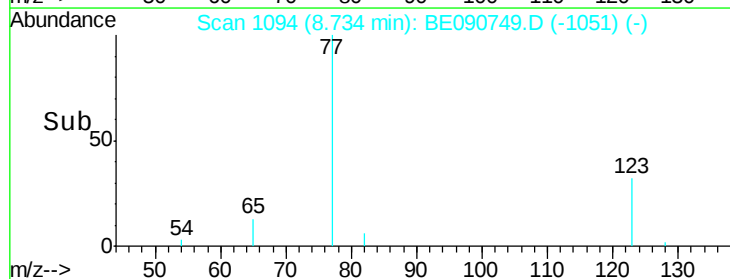
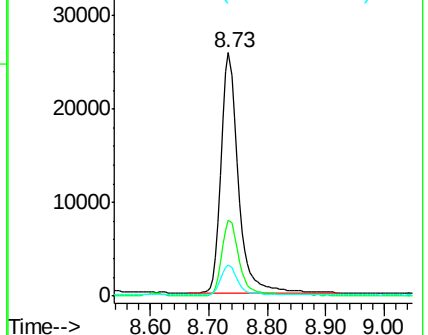
65 12.7 9.9 14.9



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: 3.28 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS

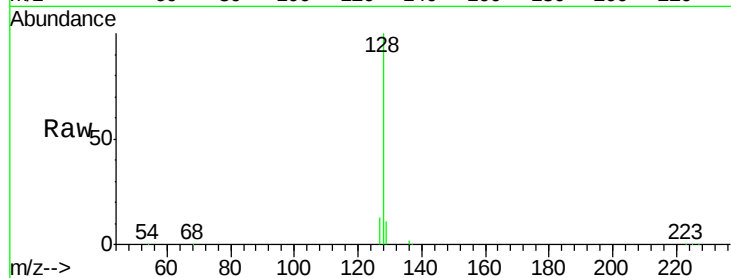
Tgt Ion:128 Resp: 134013

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

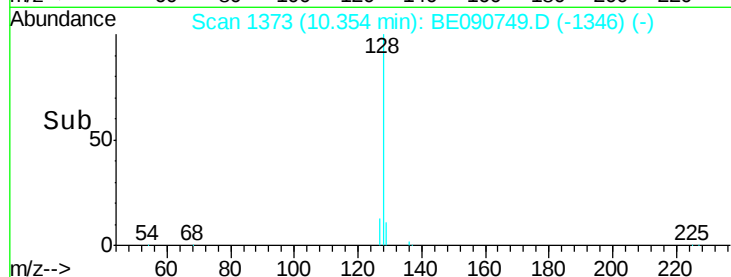
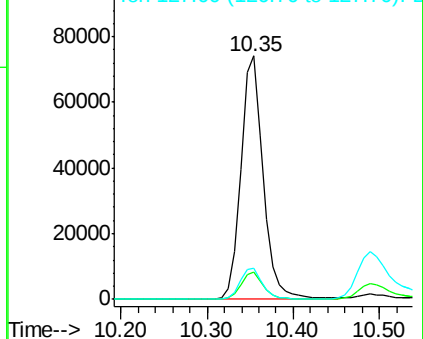
127 12.9 10.6 15.8



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: 3.03 ng

RT: 10.65 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

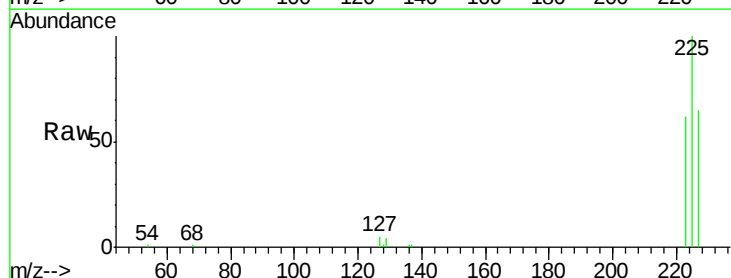
Tgt Ion:225 Resp: 19413

Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

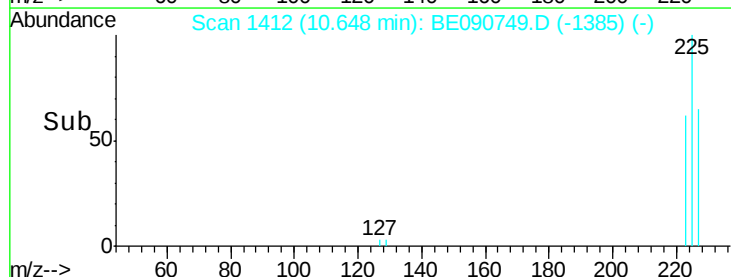
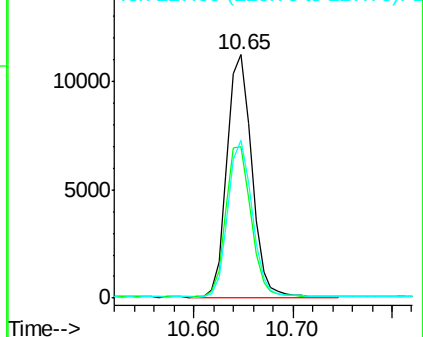
227 63.7 51.0 76.6



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

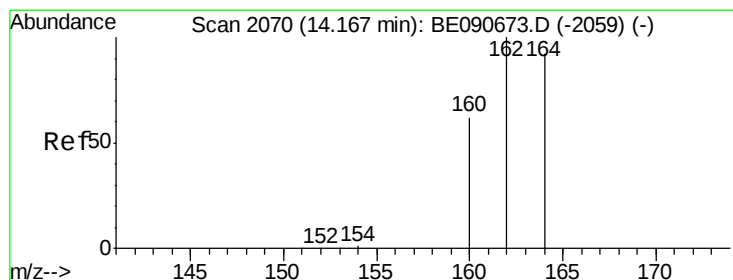
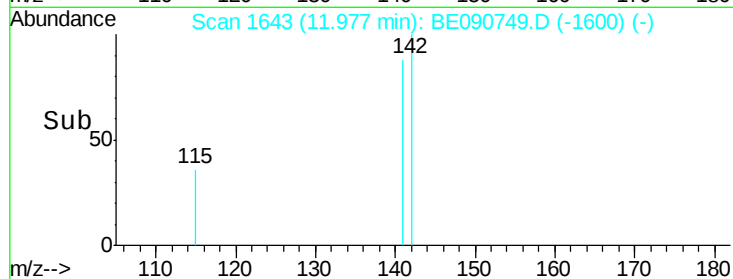
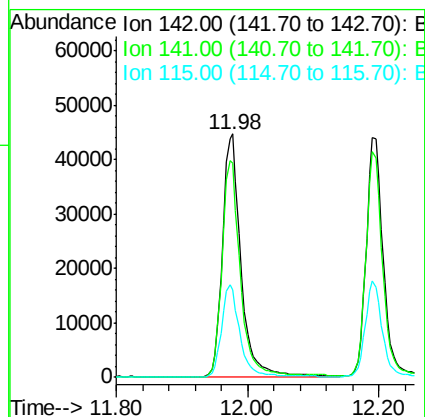
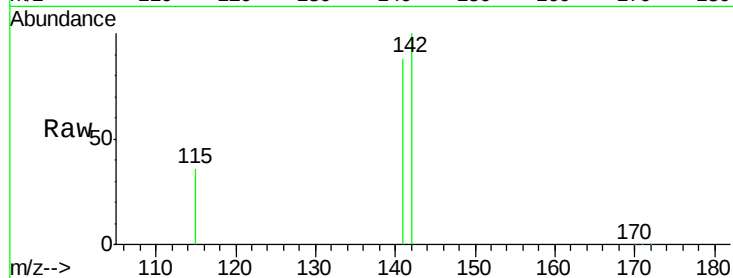




#11
2-Methylnaphthalene
Concen: 3.94 ng
RT: 11.98 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BE090749.D
Acq: 8 Sep 2015 15:34

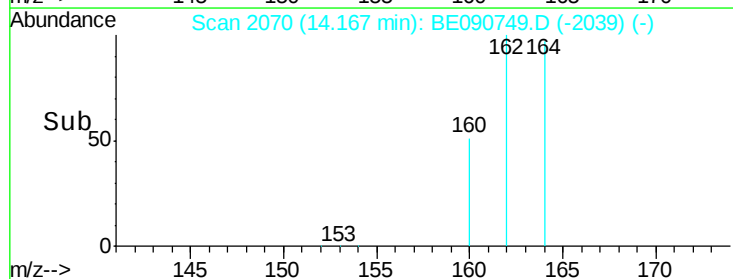
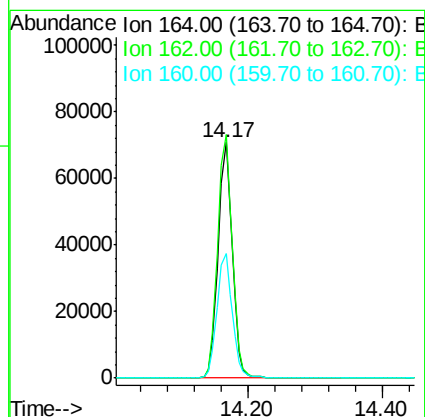
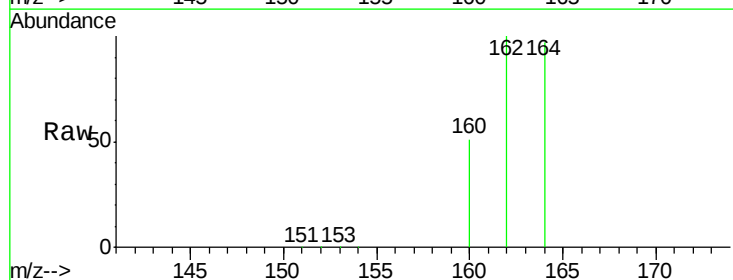
Instrument :
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Tgt Ion:142 Resp: 87113
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 36.0 31.0 46.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090749.D
Acq: 8 Sep 2015 15:34

Tgt Ion:164 Resp: 103076
Ion Ratio Lower Upper
164 100
162 103.4 86.8 130.2
160 53.0 53.9 80.9#

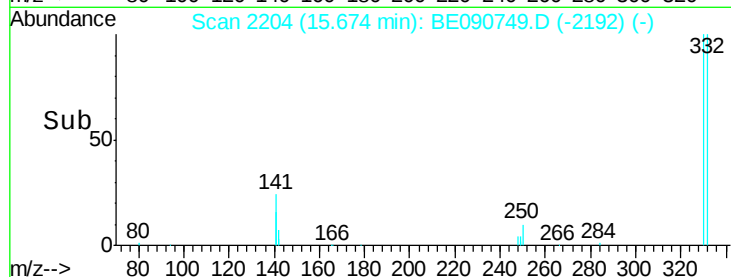
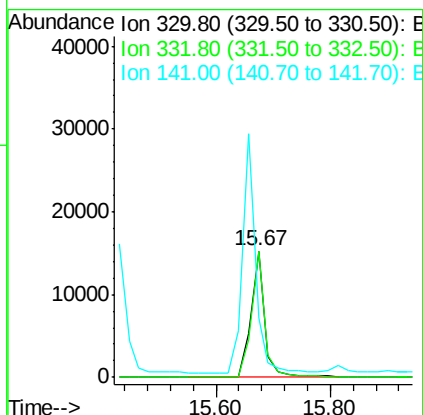
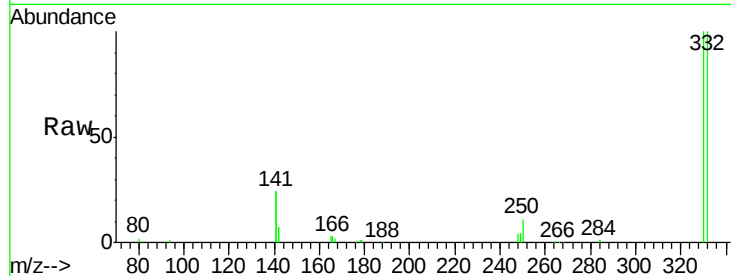




#13
 2,4,6-Tribromophenol
 Concen: 8.41 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

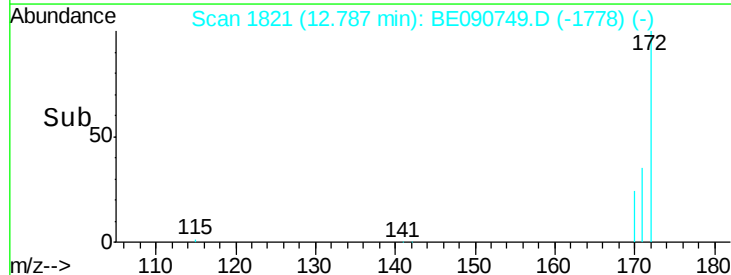
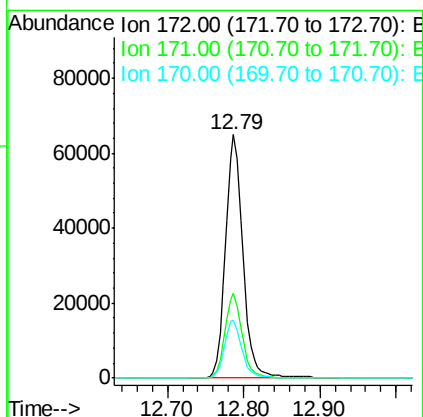
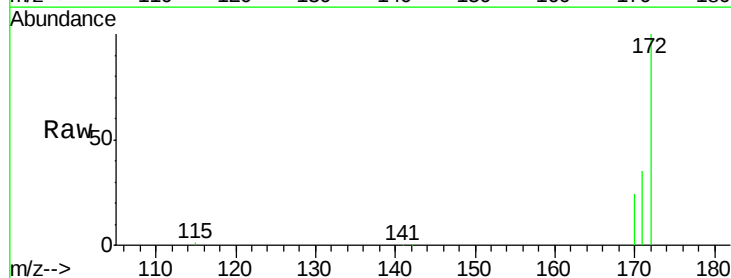
Instrument :
 BNA_E
 ClientSampleId :
 PB85439BS

Tgt Ion: 330 Resp: 25481
 Ion Ratio Lower Upper
 330 100
 332 97.9 74.9 112.3
 141 180.7 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.60 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

Tgt Ion: 172 Resp: 102644
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.8 41.8
 170 24.0 19.8 29.6





#15

Acenaphthylene

Concen: 3.68 ng

RT: 13.88 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS

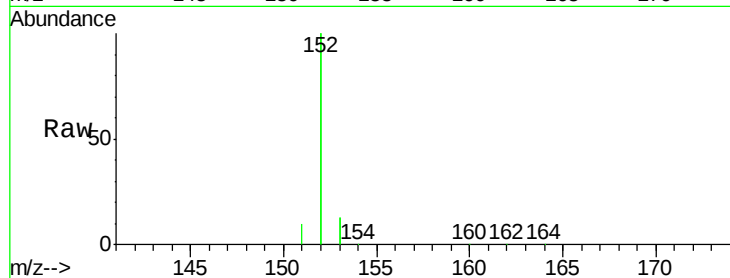
Tgt Ion:152 Resp: 606274

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

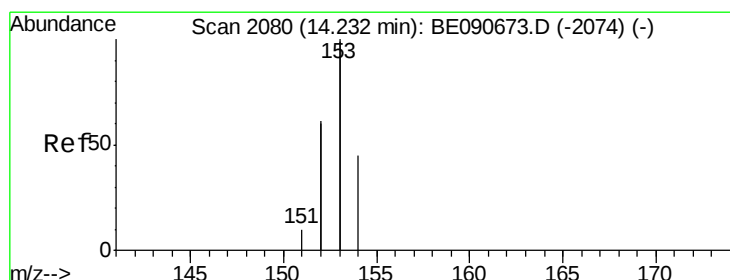
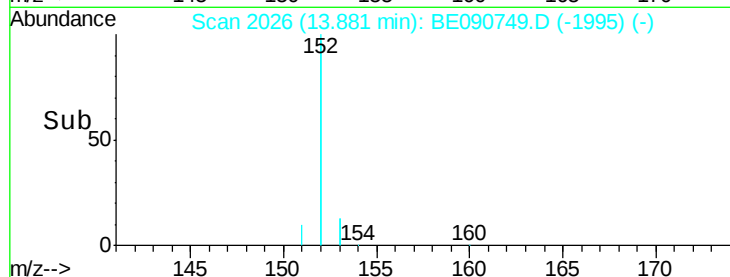
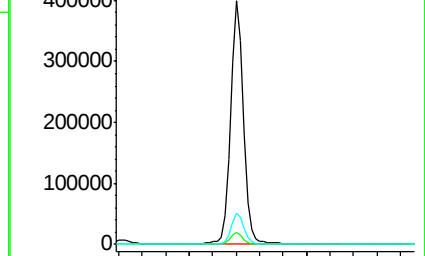
153 13.0 10.3 15.5



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: 3.41 ng

RT: 14.23 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

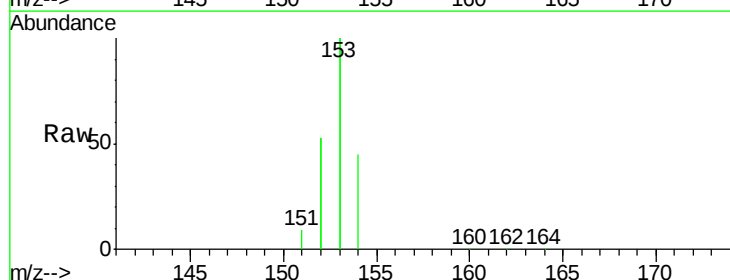
Tgt Ion:154 Resp: 93880

Ion Ratio Lower Upper

154 100

153 438.7 354.5 531.7

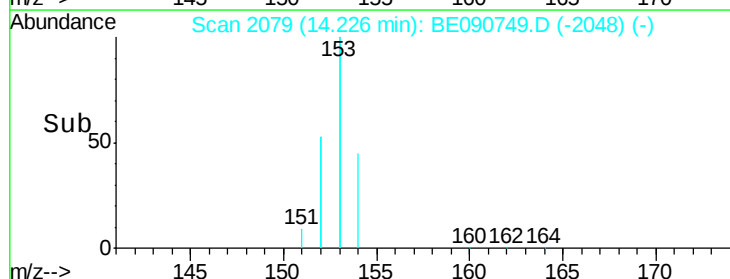
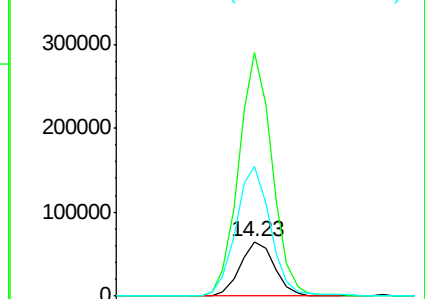
152 240.1 227.8 341.6



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

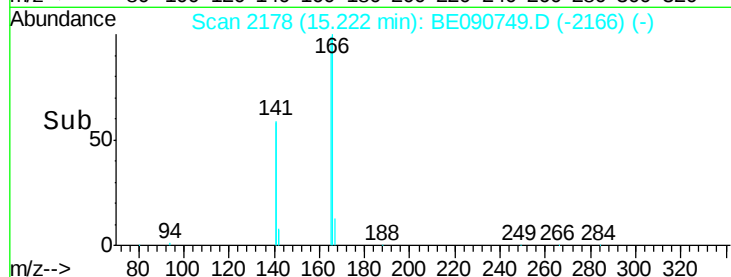
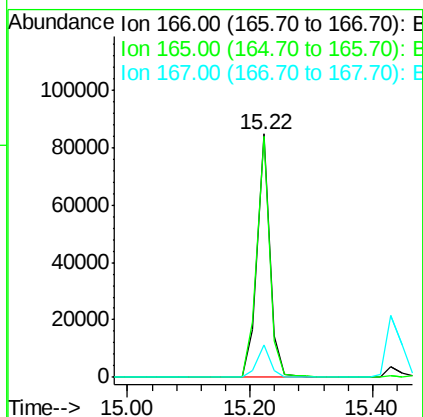
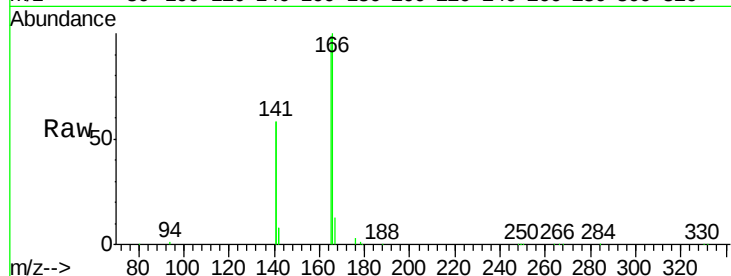




#17
Fluorene
 Concen: 3.60 ng
 RT: 15.22 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

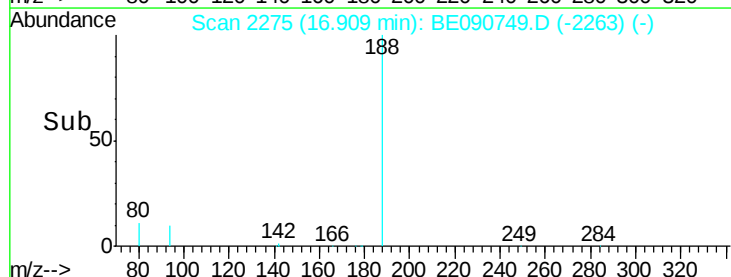
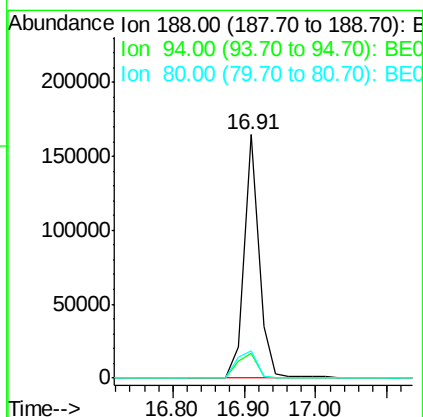
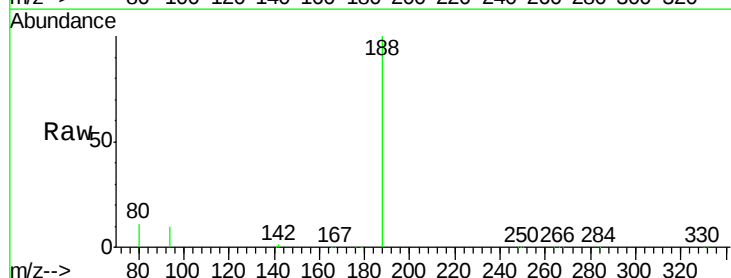
Instrument :
 BNA_E
 ClientSampleId :
 PB85439BS

Tgt Ion:166 Resp: 123576
 Ion Ratio Lower Upper
 166 100
 165 100.2 82.7 124.1
 167 13.5 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

Tgt Ion:188 Resp: 238281
 Ion Ratio Lower Upper
 188 100
 94 10.3 10.3 15.5#
 80 11.2 11.0 16.6





#19

4-Bromophenyl-phenylether

Concen: 3.85 ng

RT: 16.11 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS

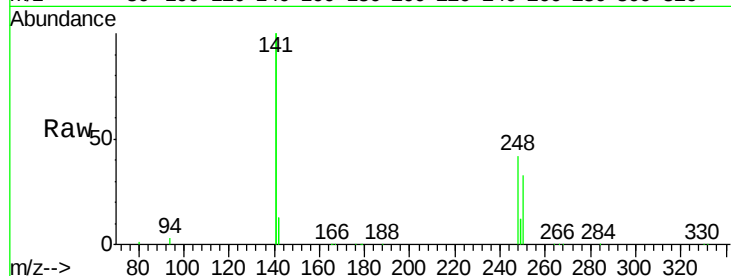
Tgt Ion:248 Resp: 31264

Ion Ratio Lower Upper

248 100

250 96.3 76.7 115.1

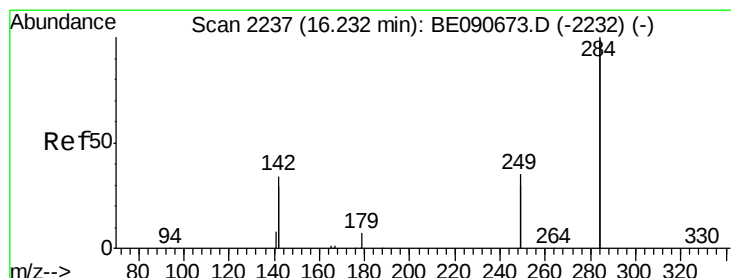
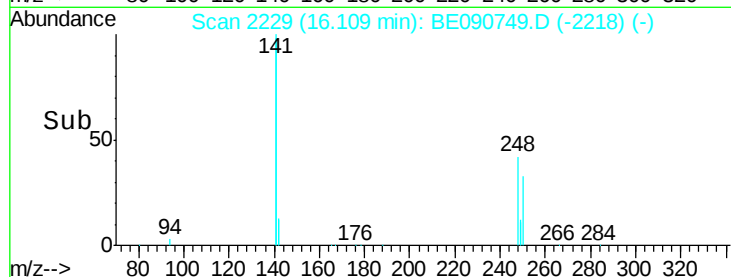
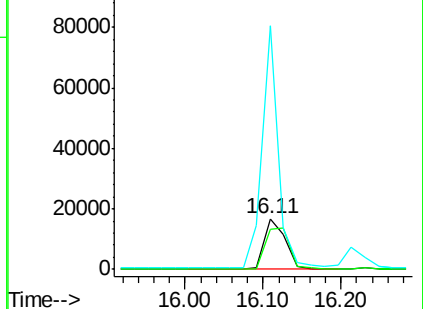
141 366.8 292.6 439.0



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: 3.82 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

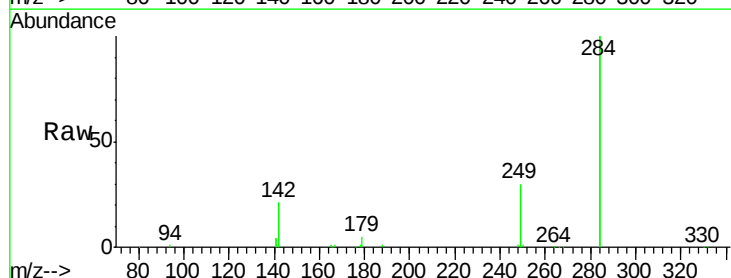
Tgt Ion:284 Resp: 149361

Ion Ratio Lower Upper

284 100

142 42.6 35.0 52.4

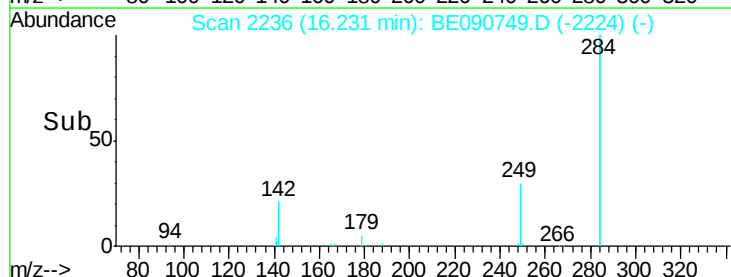
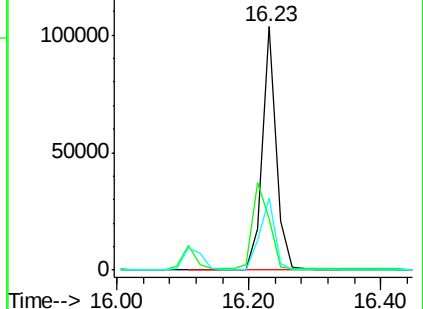
249 32.3 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

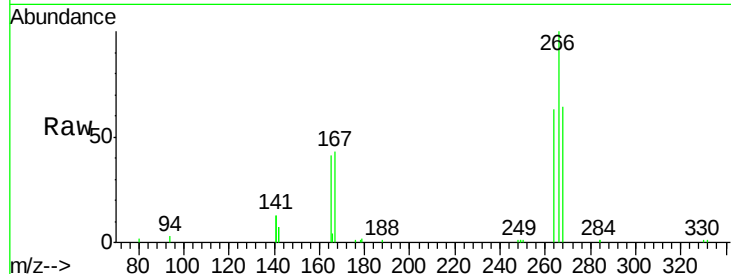




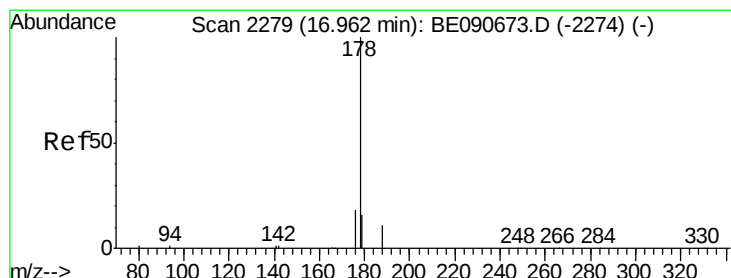
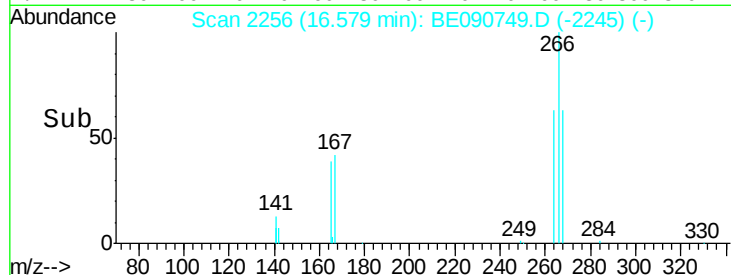
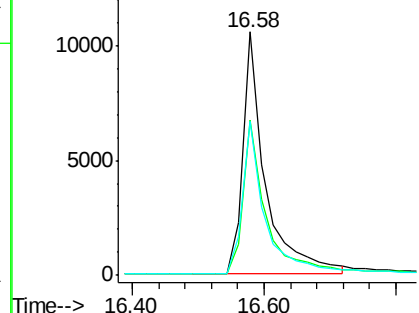
#21
 Pentachlorophenol
 Concen: 7.61 ng
 RT: 16.58 min Scan# 2256
 Delta R.T. -0.02 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

Instrument :
 BNA_E
 ClientSampleId :
 PB85439BS

Tgt Ion: 266 Resp: 25092
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.6 74.4
 264 63.3 53.9 80.9

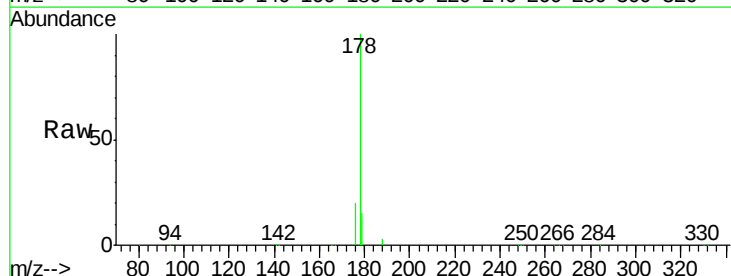


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

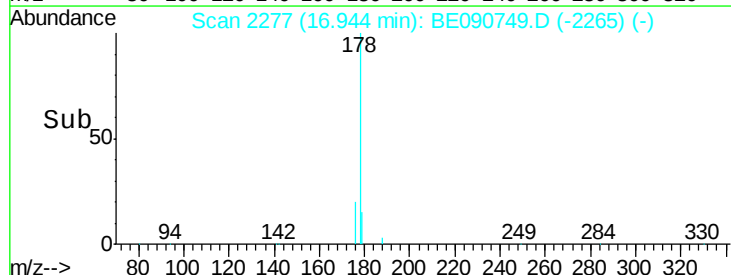
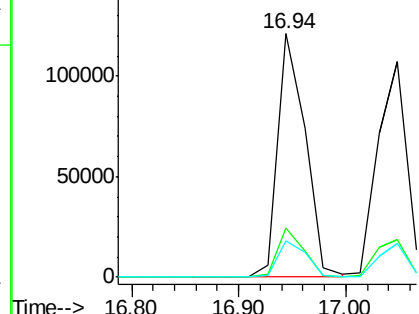


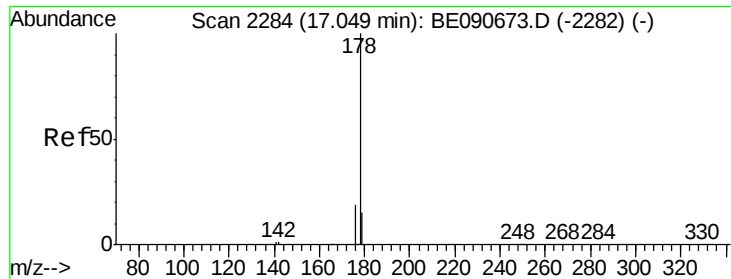
#22
 Phenanthrene
 Concen: 3.65 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

Tgt Ion: 178 Resp: 215425
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.4 12.8 19.2



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: 4.18 ng

RT: 17.05 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS

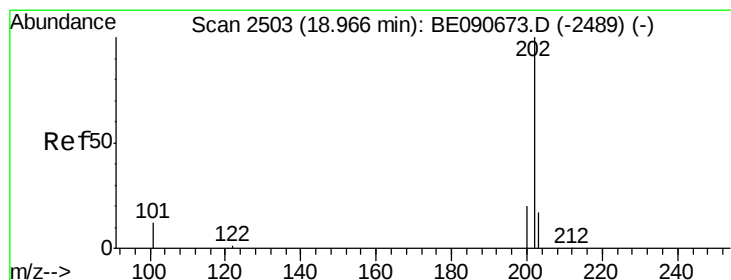
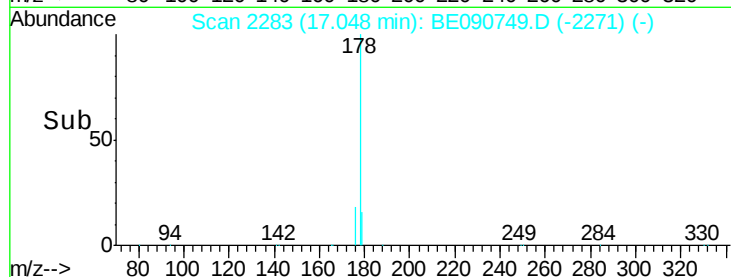
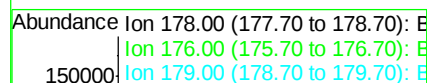
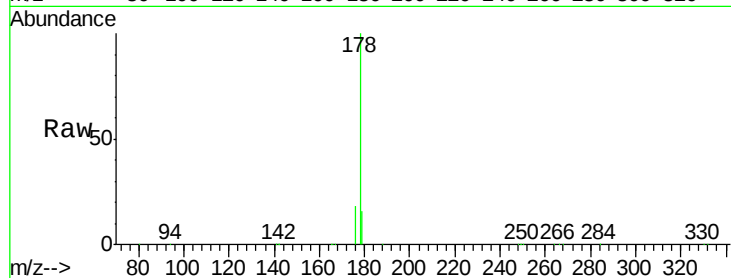
Tgt Ion:178 Resp: 205952

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.3 12.3 18.5



#24

Fluoranthene

Concen: 3.90 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

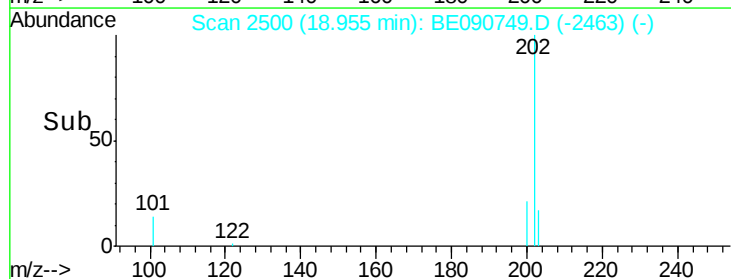
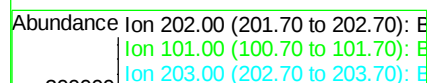
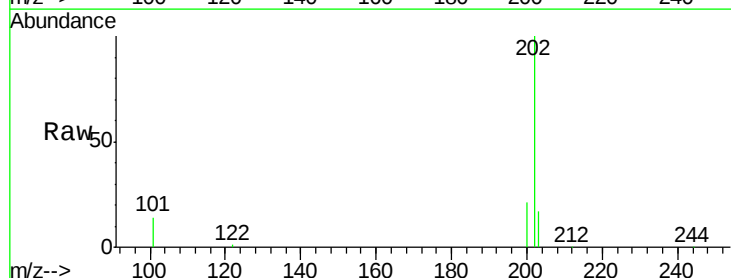
Tgt Ion:202 Resp: 242131

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.6

203 17.2 13.9 20.9





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS

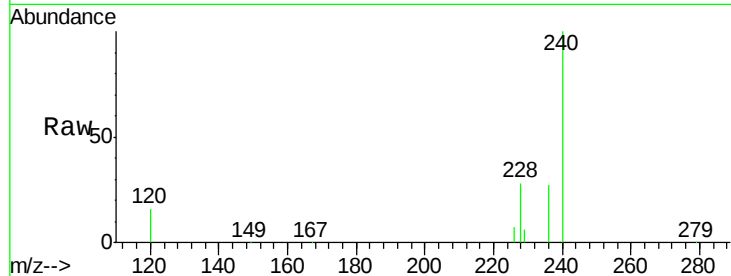
Tgt Ion:240 Resp: 300395

Ion Ratio Lower Upper

240 100

120 15.7 10.1 15.1#

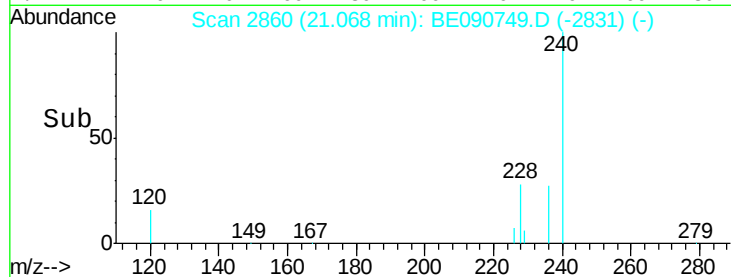
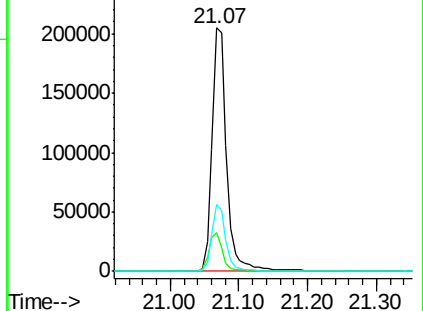
236 27.4 21.9 32.9



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: 4.34 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

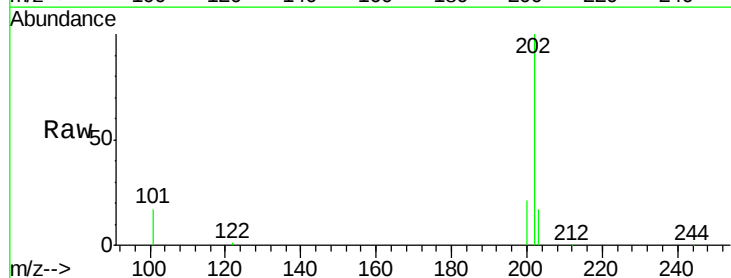
Tgt Ion:202 Resp: 269677

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

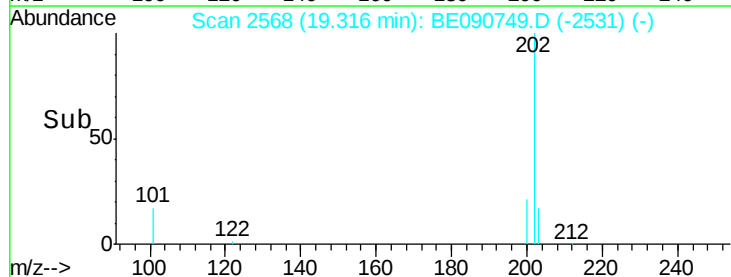
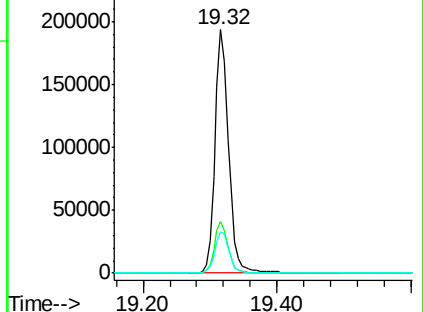
203 17.9 13.8 20.6



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

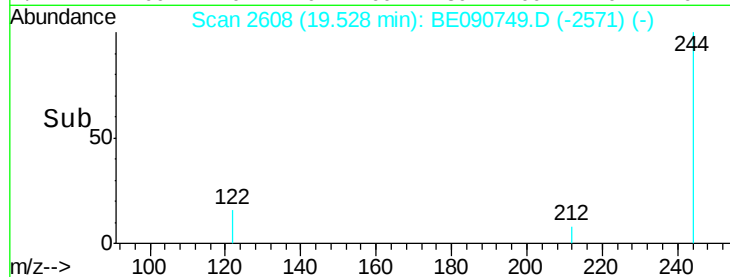
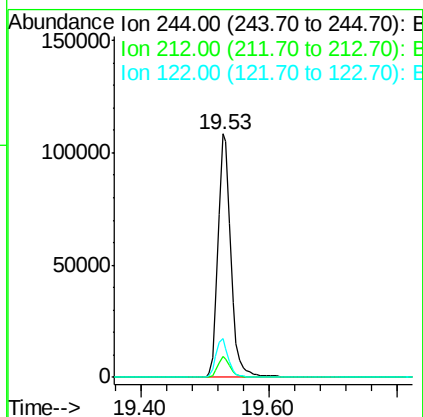
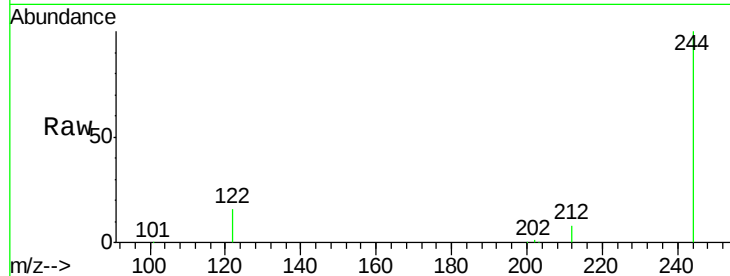




#27
 Terphenyl-d14
 Concen: 4.52 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

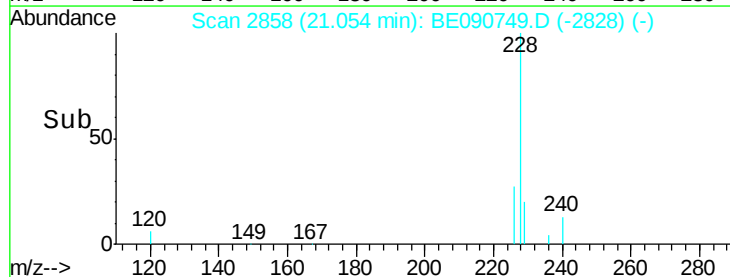
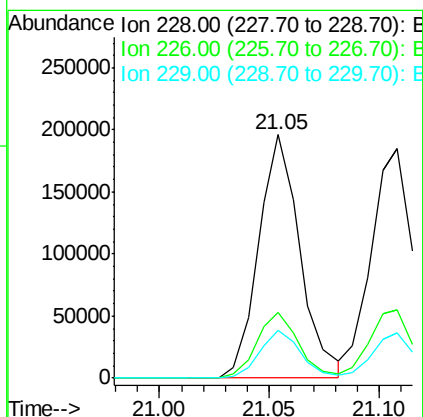
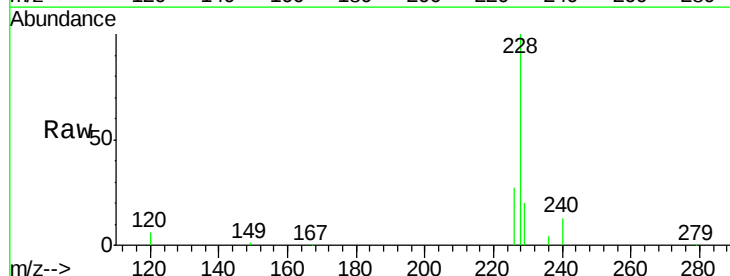
Instrument :
 BNA_E
 ClientSampleId :
 PB85439BS

Tgt Ion: 244 Resp: 150372
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 16.0 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 3.91 ng
 RT: 21.05 min Scan# 2858
 Delta R.T. 0.00 min
 Lab File: BE090749.D
 Acq: 8 Sep 2015 15:34

Tgt Ion: 228 Resp: 257531
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.6 32.4
 229 19.8 15.9 23.9





#29

Chrysene

Concen: 3.83 ng

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS

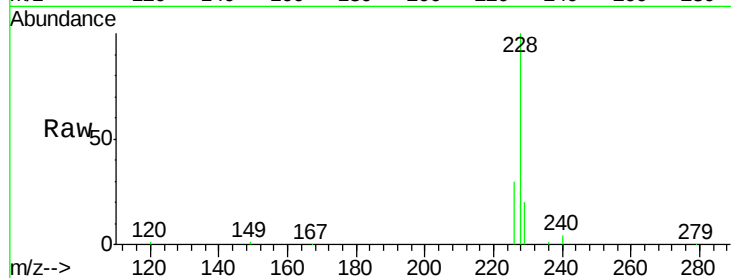
Tgt Ion:228 Resp: 266908

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.4

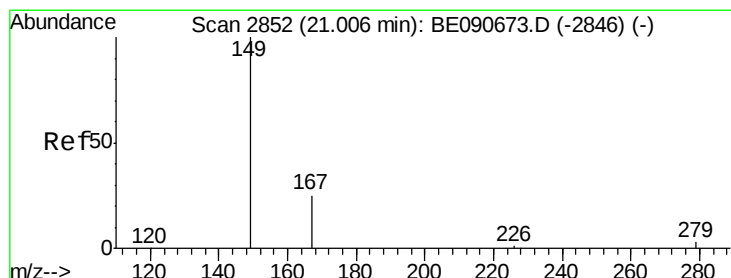
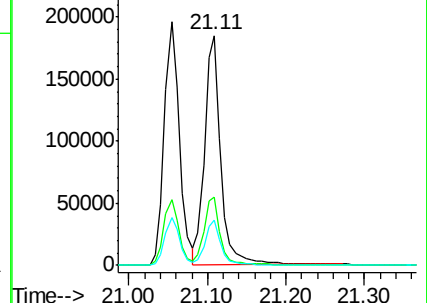
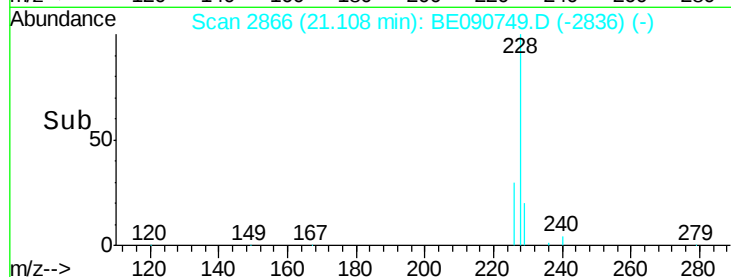
229 19.6 15.3 22.9



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: 3.90 ng

RT: 21.00 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

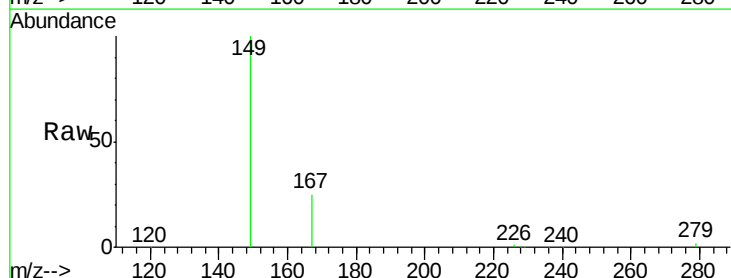
Tgt Ion:149 Resp: 83329

Ion Ratio Lower Upper

149 100

167 25.6 20.1 30.1

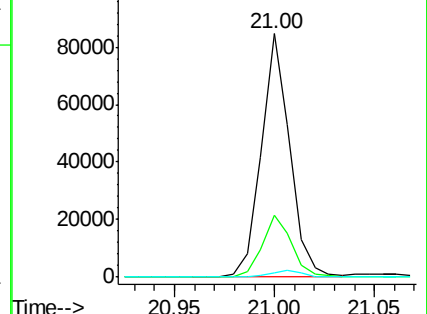
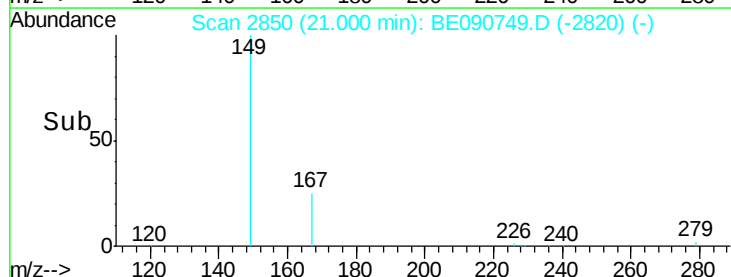
279 3.0 2.3 3.5



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: 3.90 ng

RT: 25.72 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS

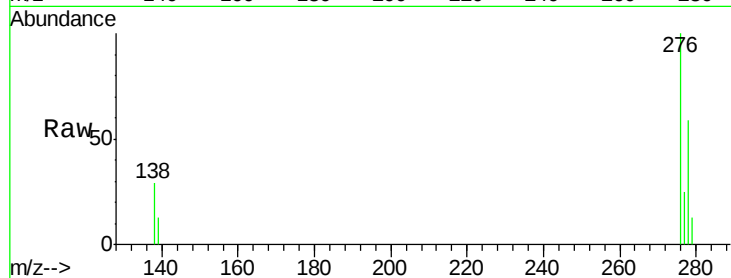
Tgt Ion: 276 Resp: 276892

Ion Ratio Lower Upper

276 100

138 29.9 23.3 34.9

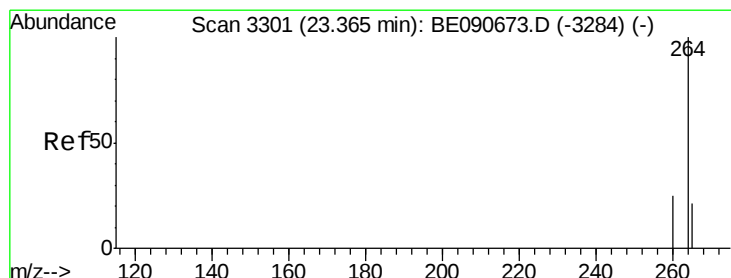
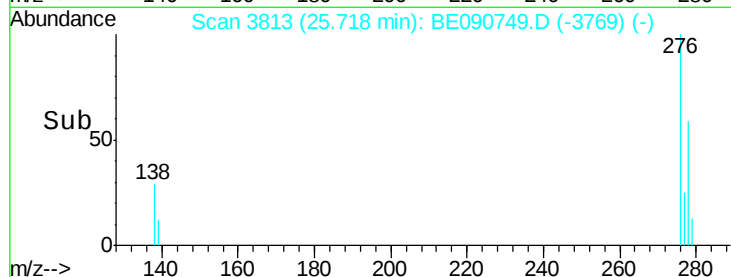
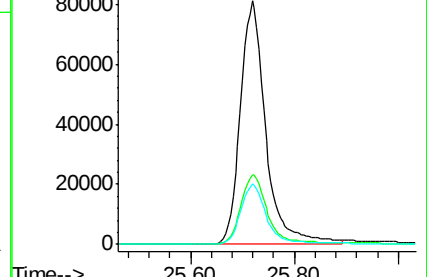
277 25.0 19.8 29.6



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: 23.36 min Scan# 3298

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

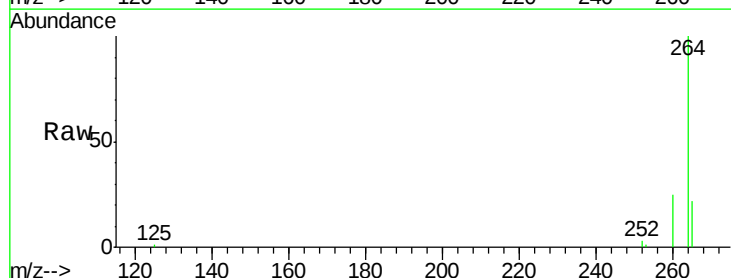
Tgt Ion: 264 Resp: 268291

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

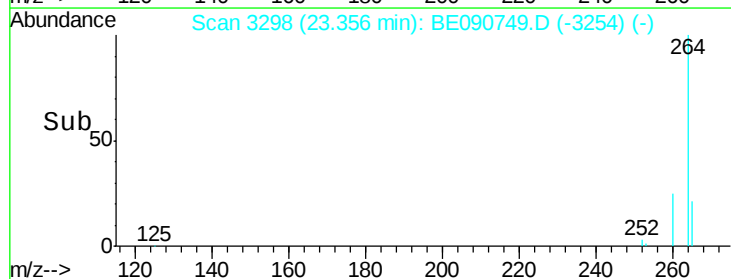
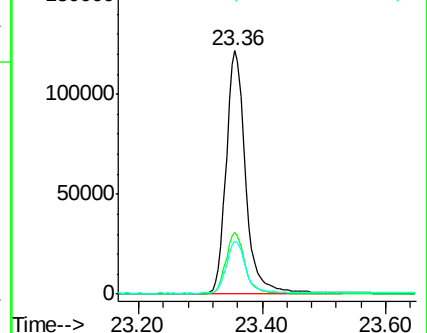
265 21.7 17.5 26.3



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: 3.95 ng

RT: 22.66 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS

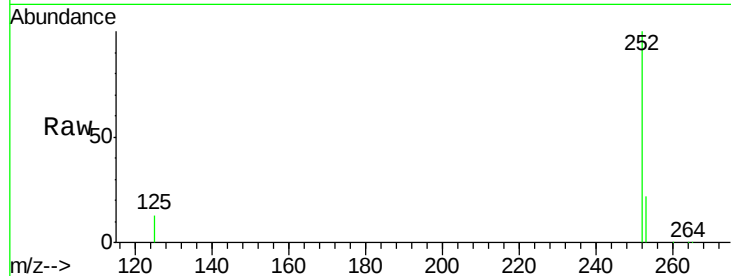
Tgt Ion:252 Resp: 230024

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

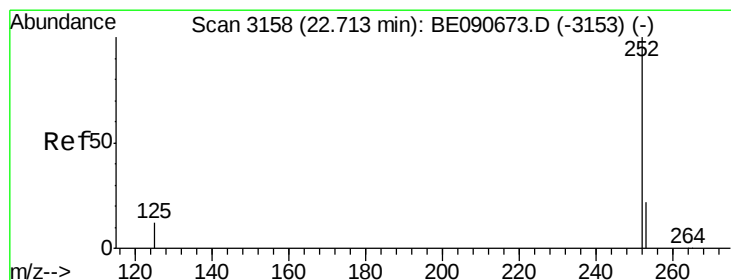
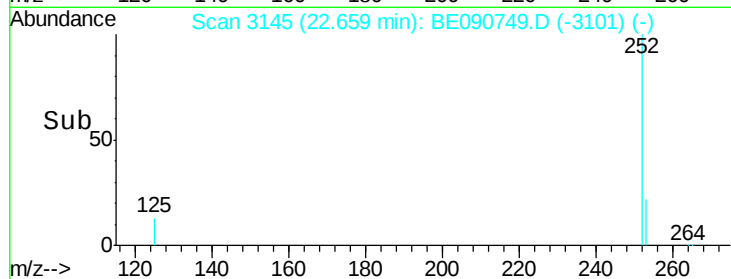
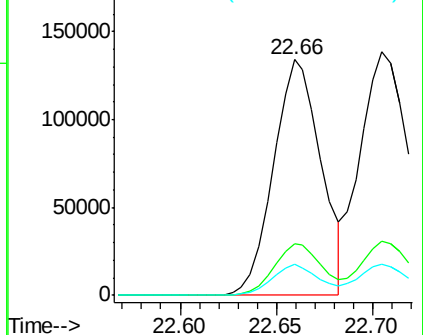
125 13.1 10.6 16.0



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: 3.97 ng

RT: 22.70 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

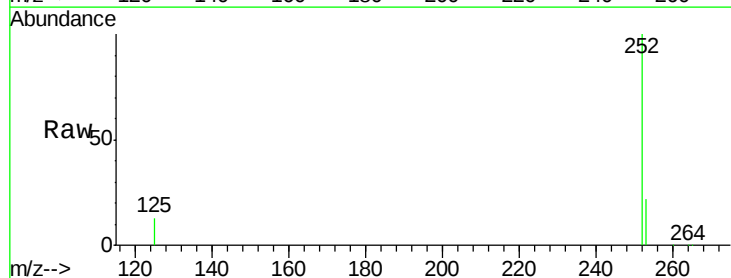
Tgt Ion:252 Resp: 269077

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

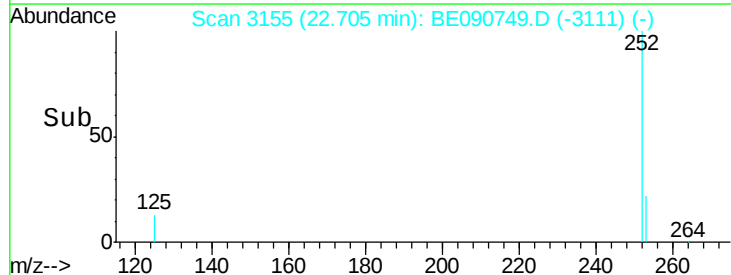
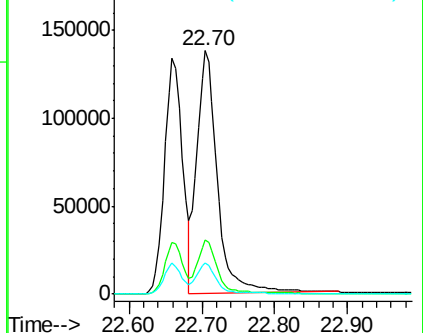
125 12.9 10.1 15.1



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: 4.28 ng

RT: 23.25 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS

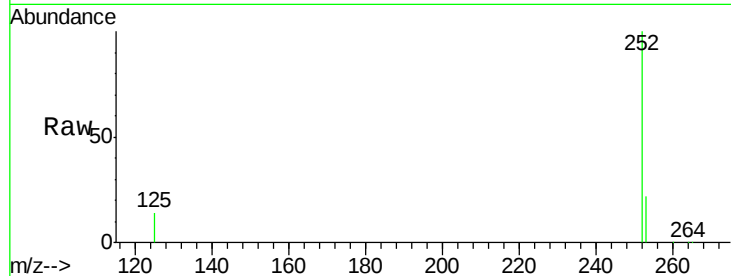
Tgt Ion: 252 Resp: 222550

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

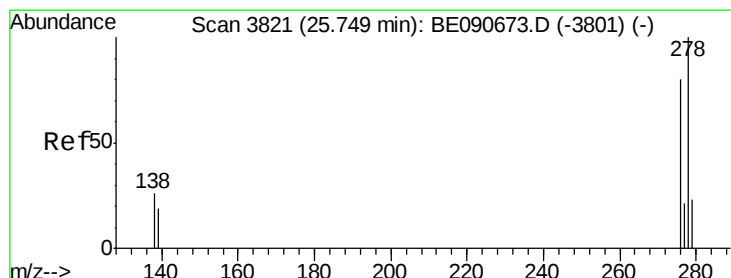
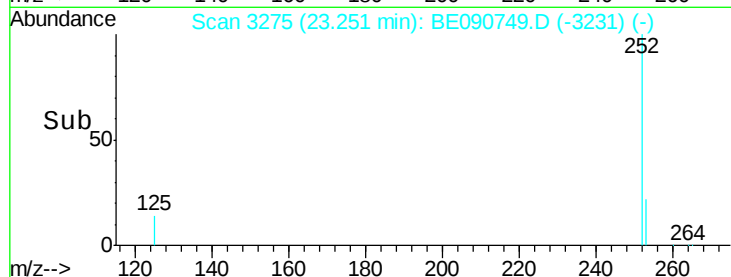
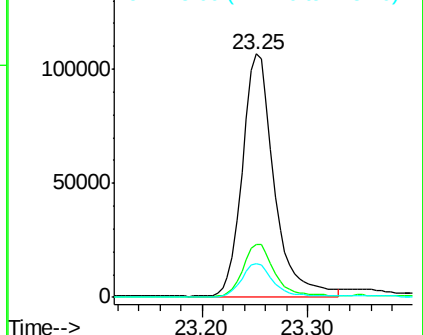
125 14.0 11.6 17.4



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



#36

Dibenzo(a,h)anthracene

Concen: 3.63 ng

RT: 25.73 min Scan# 3816

Delta R.T. -0.00 min

Lab File: BE090749.D

Acq: 8 Sep 2015 15:34

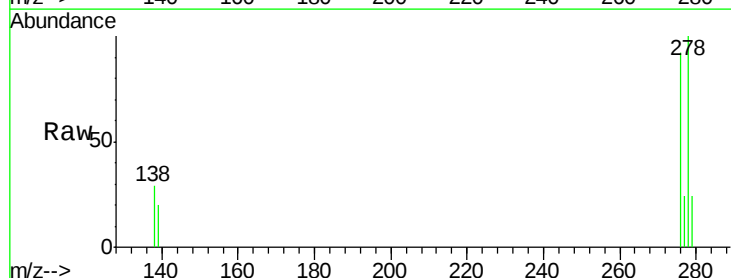
Tgt Ion: 278 Resp: 227612

Ion Ratio Lower Upper

278 100

139 19.8 15.4 23.0

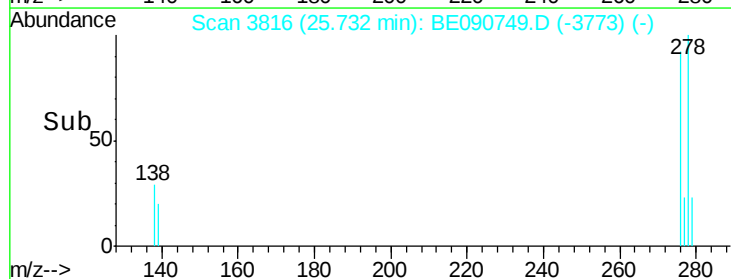
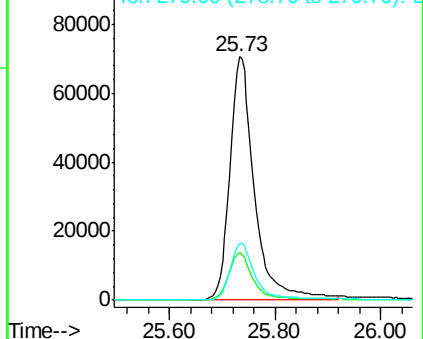
279 23.5 18.8 28.2



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: 4.01 ng

RT: 26.44 min Scan# 3971

Delta R.T. -0.00 min

Lab File: BE090749.D

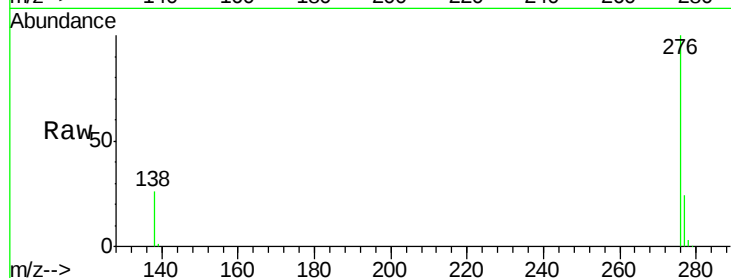
Acq: 8 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

PB85439BS



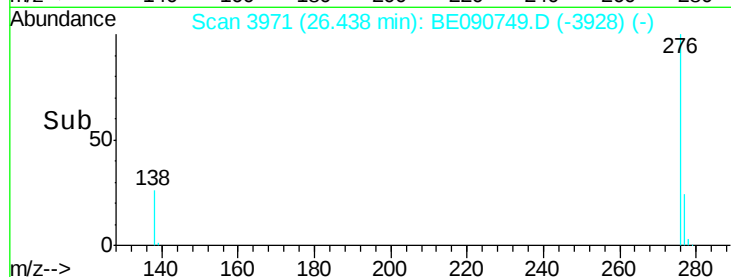
Tgt Ion: 276 Resp: 239866

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 25.9 20.1 30.1



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

