

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090169.D
 Acq On : 18 Jul 2015 6:37
 Operator : TP/IZ
 Sample : G3009-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515MS

Quant Time: Jul 20 04:57:56 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	8833	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	44742	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	27655	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	69629	5.00	ng	0.00
25) Chrysene-d12	21.11	240	82029	5.00	ng	0.00
32) Perylene-d12	23.43	264	77775	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	5995	2.89	ng	0.00
5) Phenol-d6	6.79	99	5586	2.09	ng	0.00
7) Nitrobenzene-d5	8.74	82	11153	3.76	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	6105	9.34	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	28422	3.49	ng	0.00
27) Terphenyl-d14	19.58	244	60473	4.41	ng	0.00

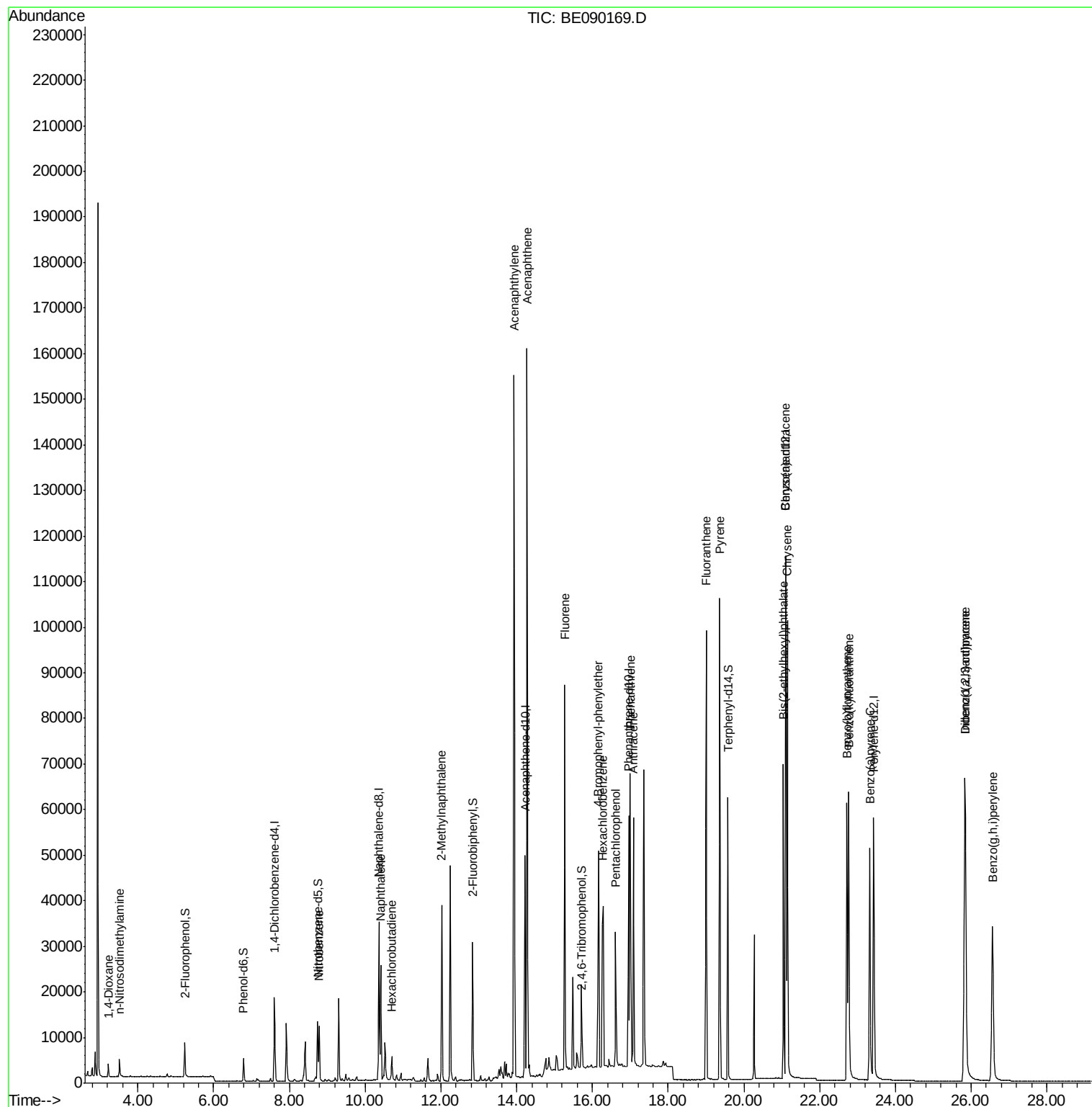
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1667	1.75	ng	96
3) n-Nitrosodimethylamine	3.51	42	2490	1.59	ng	# 97
8) Nitrobenzene	8.79	77	13000	4.45	ng	# 97
9) Naphthalene	10.41	128	34634	3.61	ng	99
10) Hexachlorobutadiene	10.71	225	3621	3.07	ng	100
11) 2-Methylnaphthalene	12.03	142	26948	4.18	ng	98
15) Acenaphthylene	13.93	152	193008	3.87	ng	99
16) Acenaphthene	14.28	154	28194	4.02	ng	97
17) Fluorene	15.27	166	39893	4.21	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	11398	4.40	ng	91
20) Hexachlorobenzene	16.28	284	37262	4.06	ng	98
21) Pentachlorophenol	16.61	266	13076	10.84	ng	91
22) Phenanthrene	17.00	178	68755	4.40	ng	100
23) Anthracene	17.08	178	68717	4.73	ng	100
24) Fluoranthene	19.00	202	85212	4.86	ng	100
26) Pyrene	19.36	202	90203	4.85	ng	100
28) Benzo(a)anthracene	21.10	228	84835	4.52	ng	99
29) Chrysene	21.15	228	85043	4.49	ng	96
30) Bis(2-ethylhexyl)phthalate	21.05	149	55440	5.76	ng	99
31) Indeno(1,2,3-cd)pyrene	25.83	276	93702	4.22	ng	100
33) Benzo(b)fluoranthene	22.72	252	80573	4.96	ng	99
34) Benzo(k)fluoranthene	22.77	252	88046	4.75	ng	99
35) Benzo(a)pyrene	23.33	252	77295	4.92	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	77557	4.68	ng	99
37) Benzo(g,h,i)perylene	26.57	276	78237	4.56	ng	99

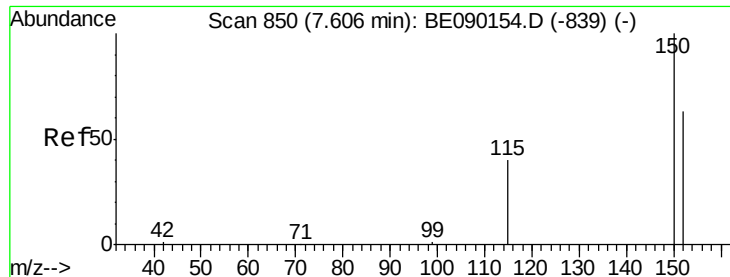
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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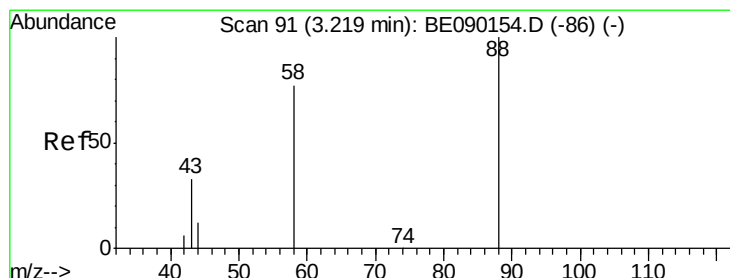
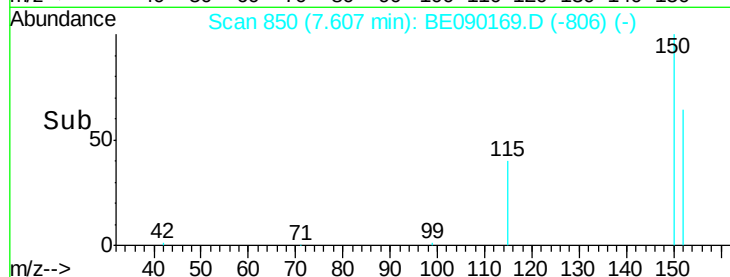
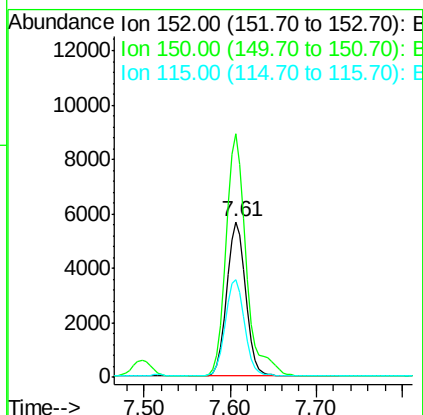
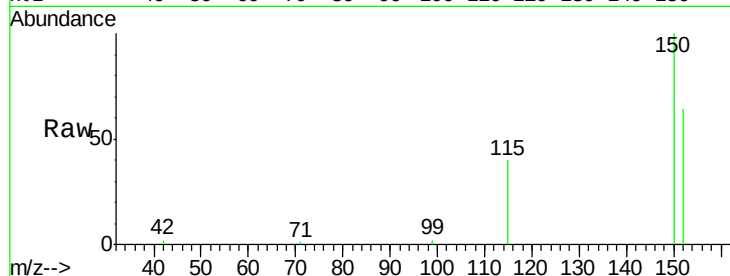




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BE090169.D
 Acq: 18 Jul 2015 6:37

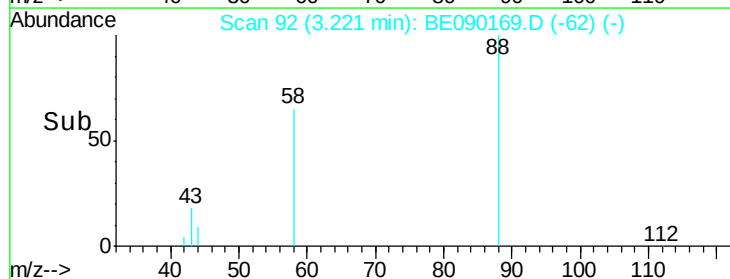
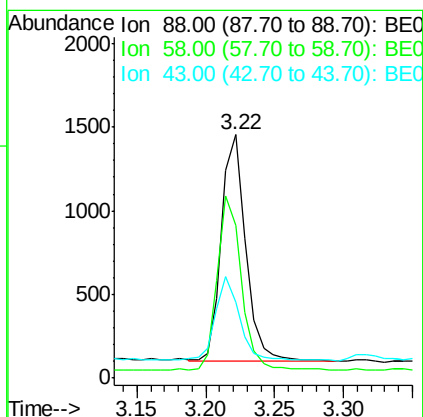
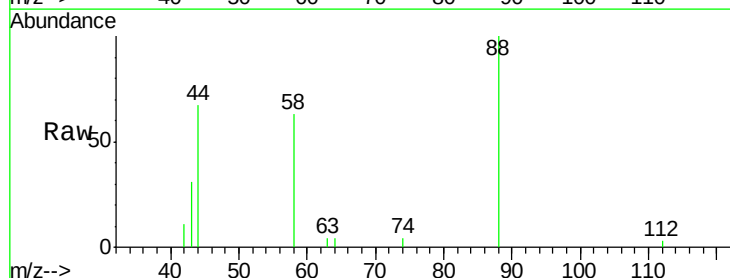
Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515MS

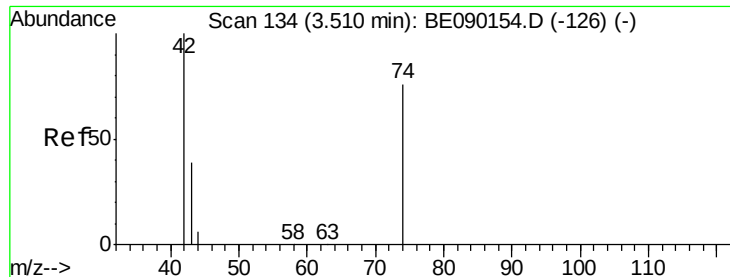
Tgt Ion:152 Resp: 8833
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.2 190.8
 115 63.0 51.6 77.4



#2
 1,4-Dioxane
 Concen: 1.75 ng
 RT: 3.22 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BE090169.D
 Acq: 18 Jul 2015 6:37

Tgt Ion: 88 Resp: 1667
 Ion Ratio Lower Upper
 88 100
 58 75.3 58.2 87.2
 43 37.1 27.7 41.5





#3

n-Nitrosodimethylamine

Concen: 1.59 ng

RT: 3.51 min Scan# 135

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

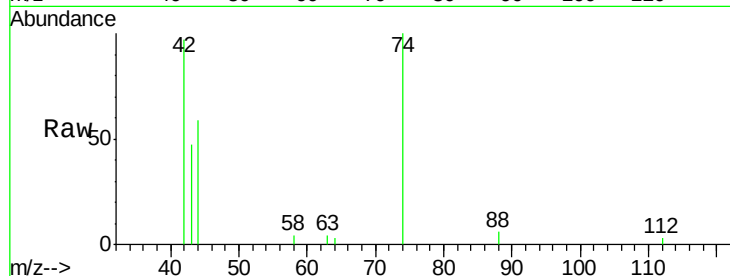
Tgt Ion: 42 Resp: 2490

Ion Ratio Lower Upper

42 100

74 100.4 82.2 123.4

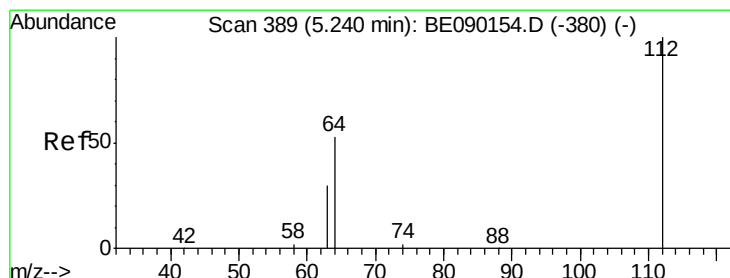
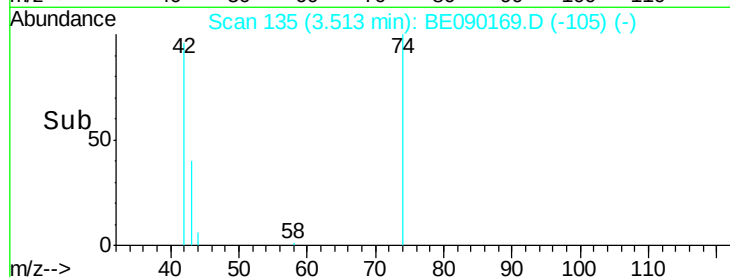
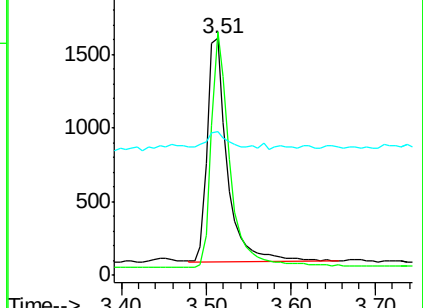
44 6.9 7.5 11.3#



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: 2.89 ng

RT: 5.24 min Scan# 389

Delta R.T. -0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

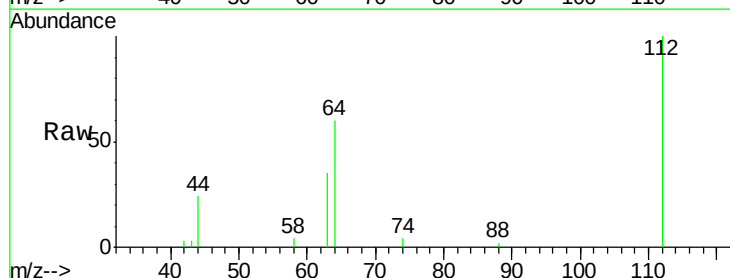
Tgt Ion: 112 Resp: 5995

Ion Ratio Lower Upper

112 100

64 59.2 46.7 70.1

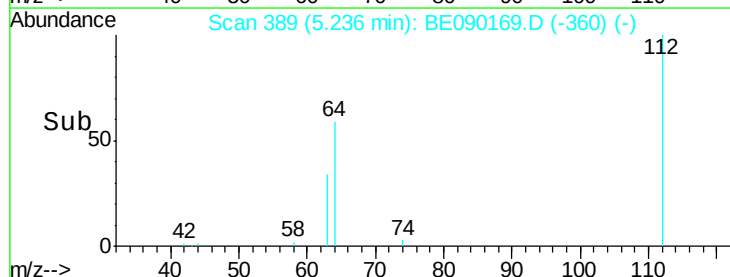
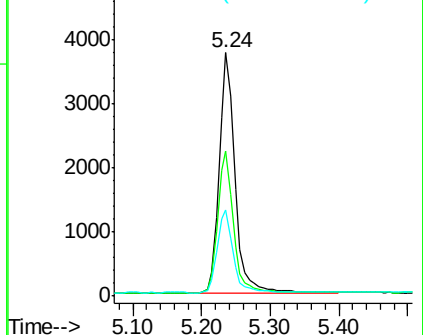
63 34.2 27.3 40.9

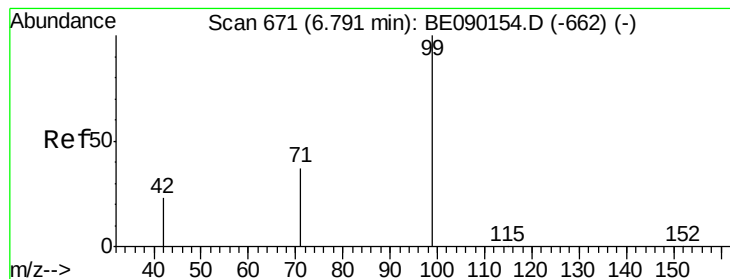


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.09 ng

RT: 6.79 min Scan# 670

Delta R.T. -0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

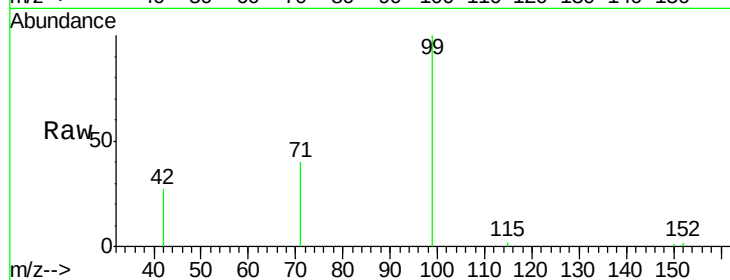
Tgt Ion: 99 Resp: 5586

Ion Ratio Lower Upper

99 100

42 24.7 19.1 28.7

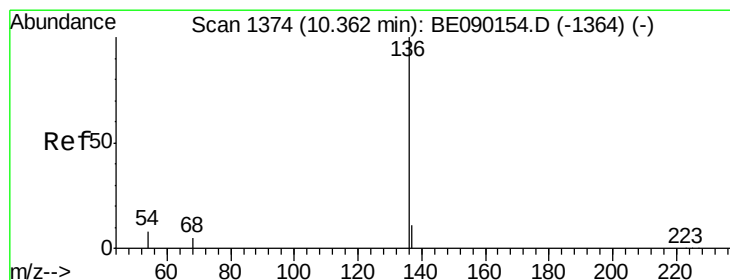
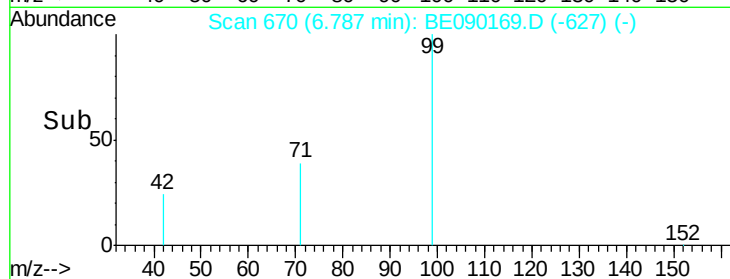
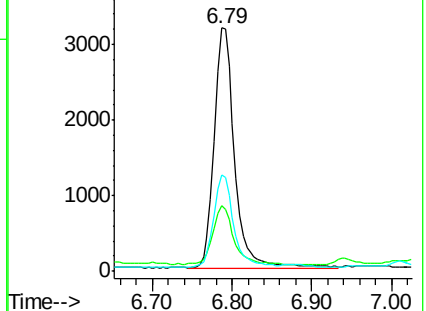
71 38.0 29.4 44.2



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: 10.36 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Tgt Ion: 136 Resp: 44742

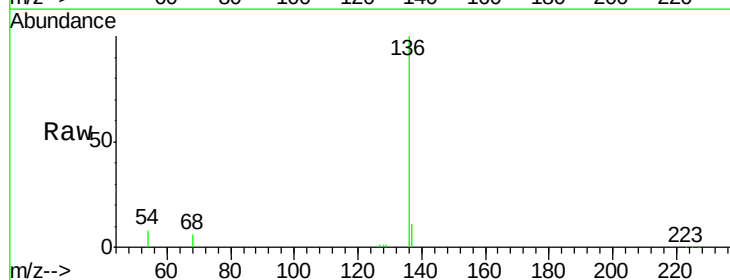
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 6.3 9.5

68 5.6 4.3 6.5

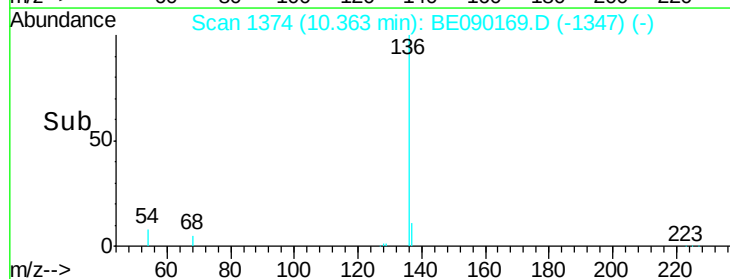
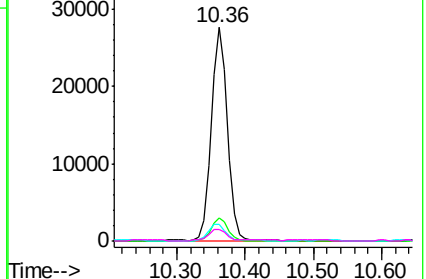


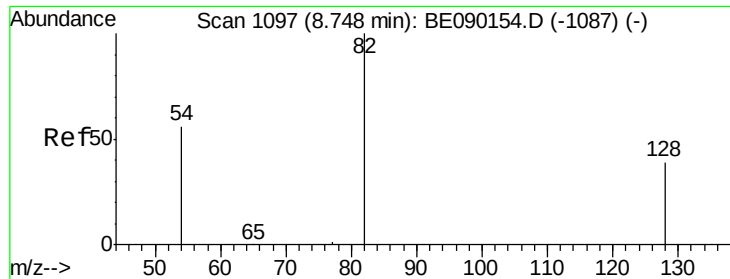
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.76 ng

RT: 8.74 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

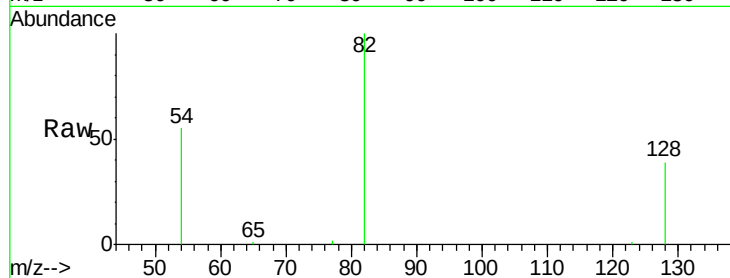
Tgt Ion: 82 Resp: 11153

Ion Ratio Lower Upper

82 100

128 38.7 32.7 49.1

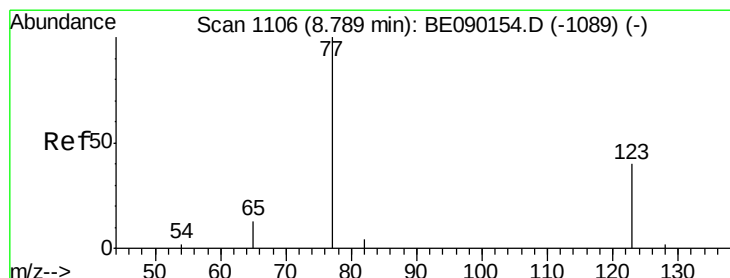
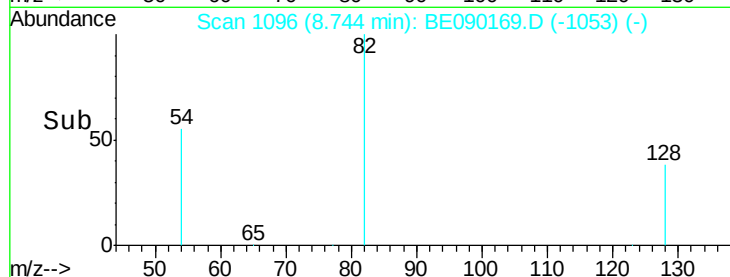
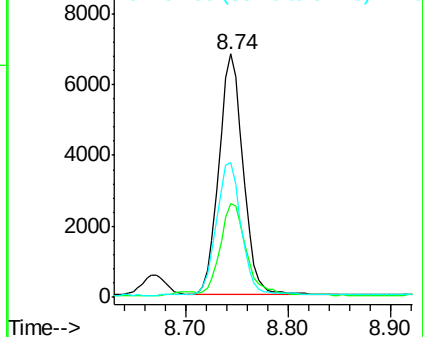
54 55.1 45.9 68.9



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: 4.45 ng

RT: 8.79 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

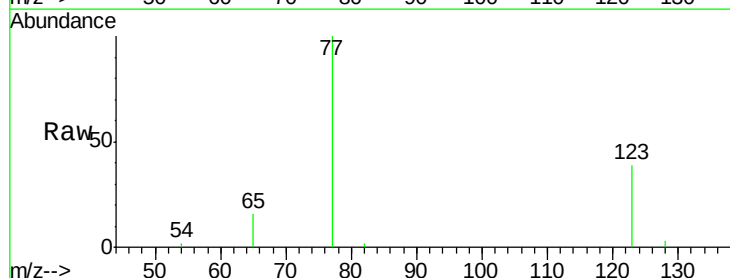
Tgt Ion: 77 Resp: 13000

Ion Ratio Lower Upper

77 100

123 39.5 32.3 48.5

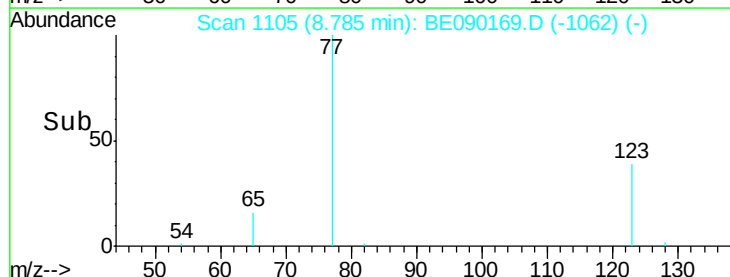
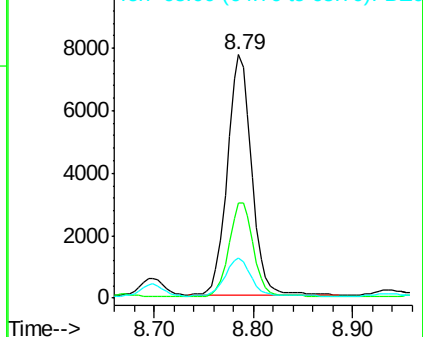
65 16.7 10.4 15.6#

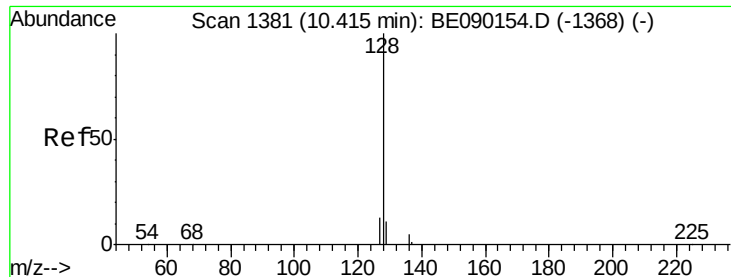


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.61 ng

RT: 10.41 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BE090169.D

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ClientSampleId :

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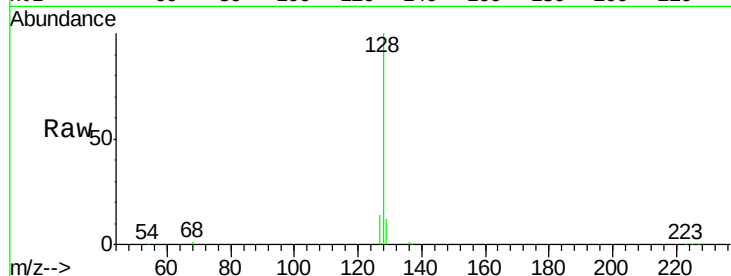
Tgt Ion:128 Resp: 34634

Ion Ratio Lower Upper

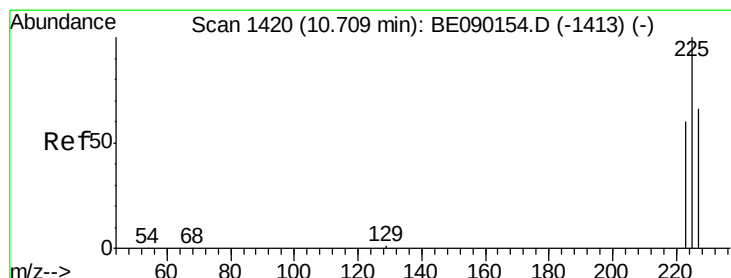
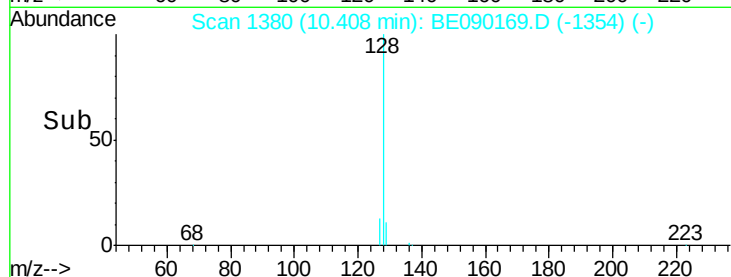
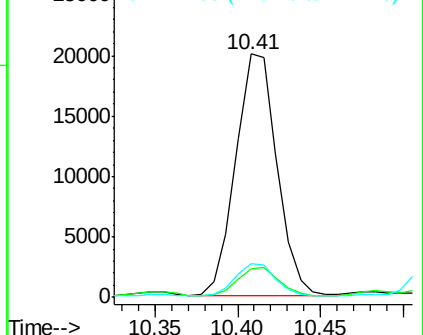
128 100

129 11.7 9.8 14.6

127 13.8 10.7 16.1



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: 3.07 ng

RT: 10.71 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

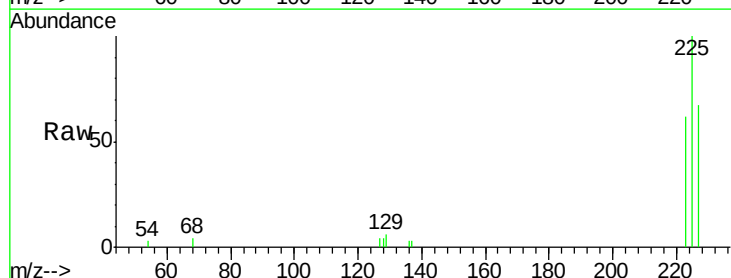
Tgt Ion:225 Resp: 3621

Ion Ratio Lower Upper

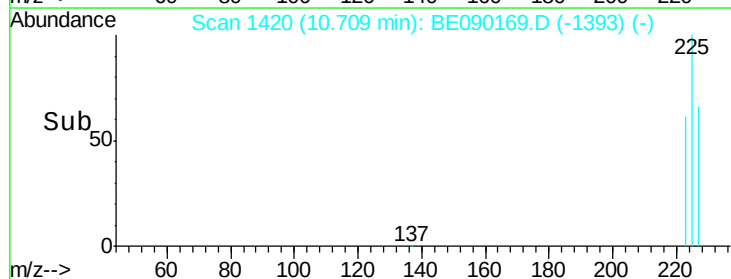
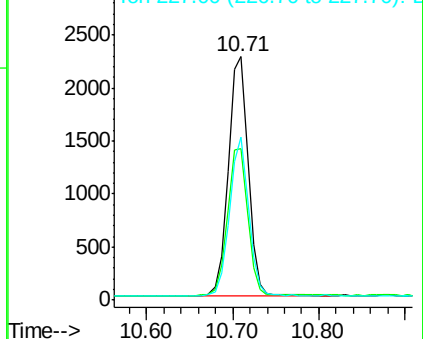
225 100

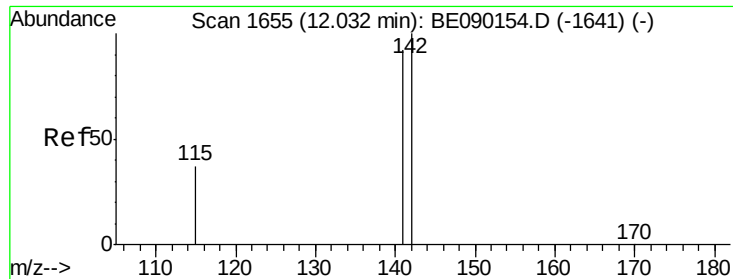
223 63.2 50.3 75.5

227 63.8 51.3 76.9



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

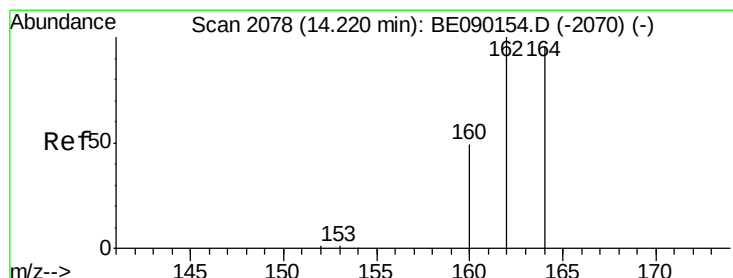
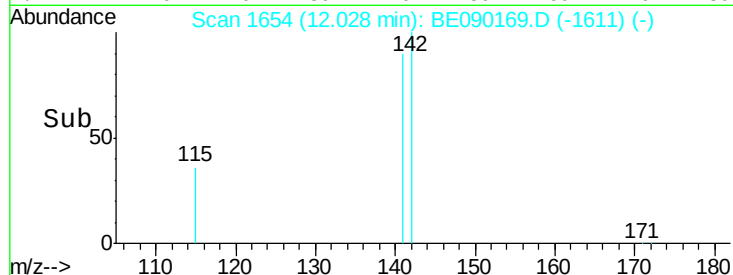
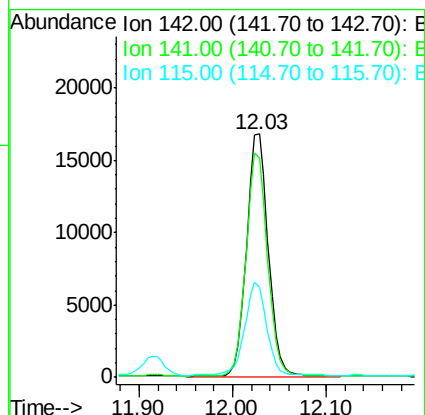
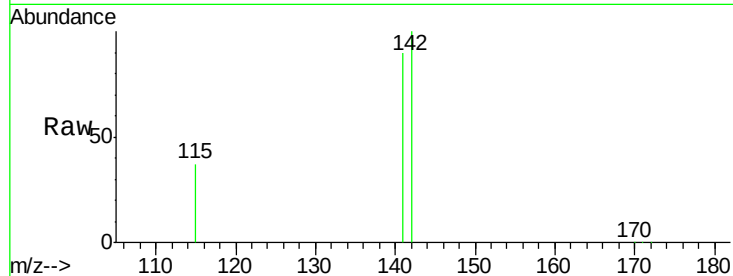




#11
2-Methylnaphthalene
Concen: 4.18 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE090169.D
Acq: 18 Jul 2015 6:37

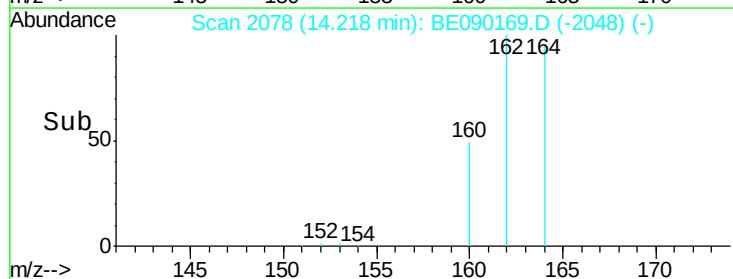
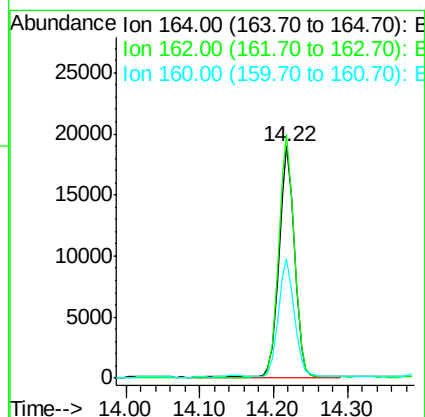
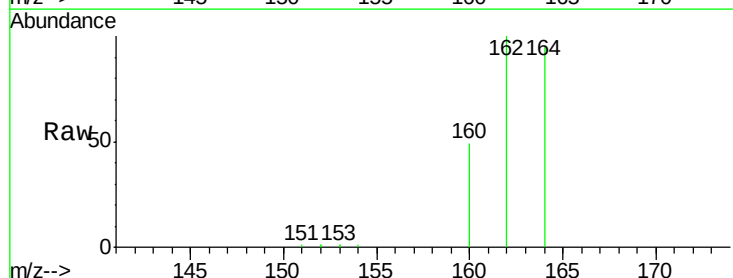
Instrument :
BNA_E
ClientSampleId :
MW-01-071515MS

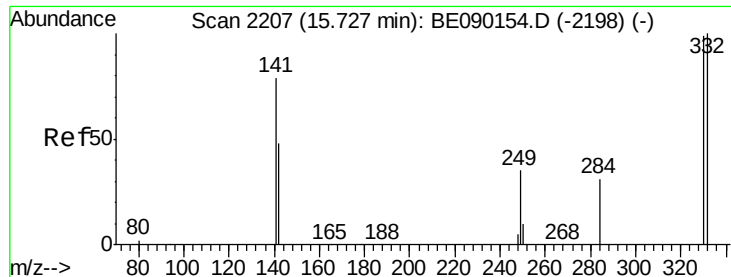
Tgt Ion:142 Resp: 26948
Ion Ratio Lower Upper
142 100
141 89.9 73.9 110.9
115 37.0 30.0 45.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090169.D
Acq: 18 Jul 2015 6:37

Tgt Ion:164 Resp: 27655
Ion Ratio Lower Upper
164 100
162 105.1 83.3 124.9
160 51.8 40.9 61.3

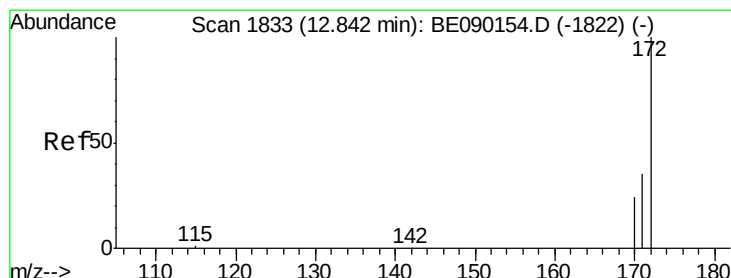
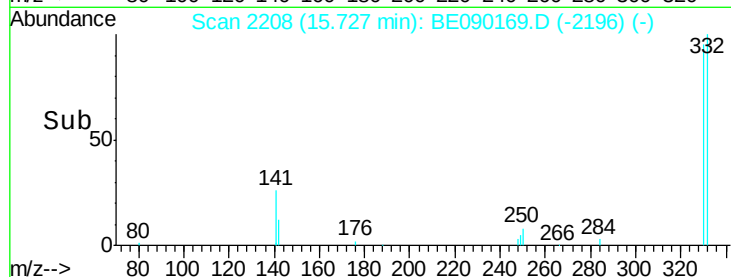
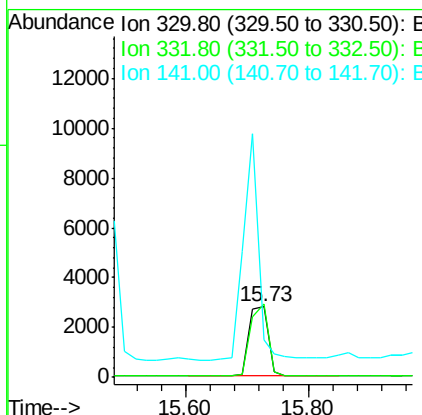
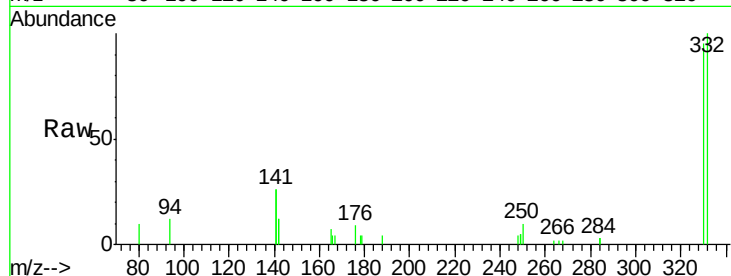




#13
 2,4,6-Tribromophenol
 Concen: 9.34 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE090169.D
 Acq: 18 Jul 2015 6:37

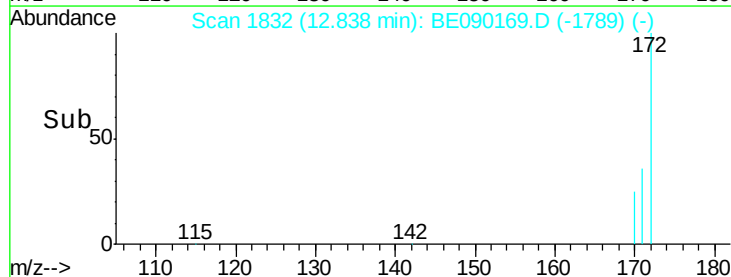
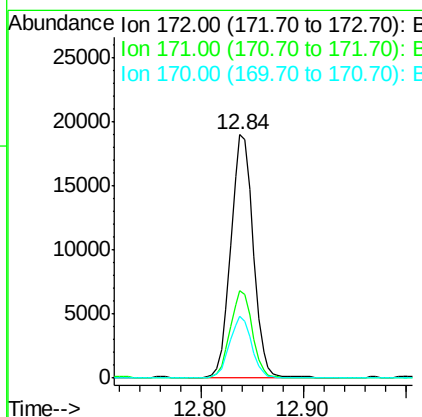
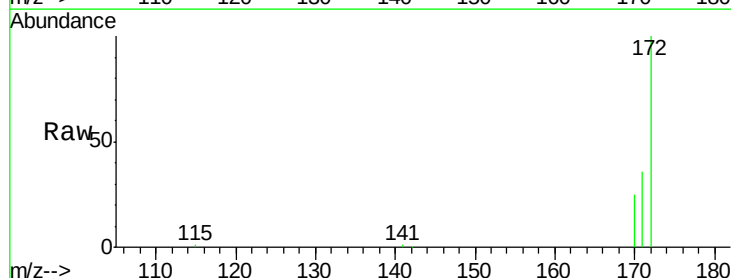
Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515MS

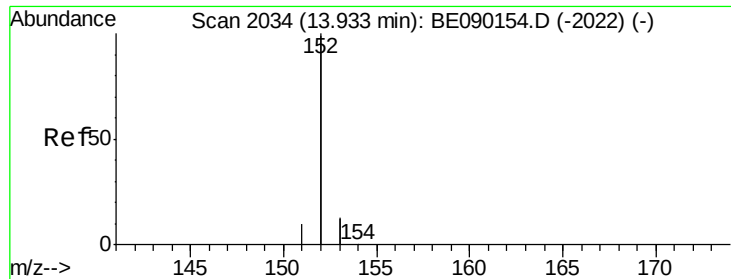
Tgt Ion:330 Resp: 6105
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 262.7 215.8 323.6



#14
 2-Fluorobiphenyl
 Concen: 3.49 ng
 RT: 12.84 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BE090169.D
 Acq: 18 Jul 2015 6:37

Tgt Ion:172 Resp: 28422
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 25.2 19.7 29.5

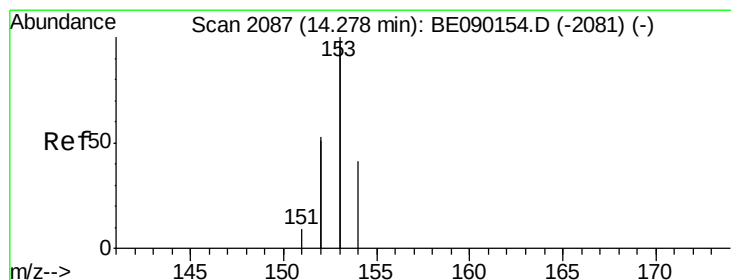
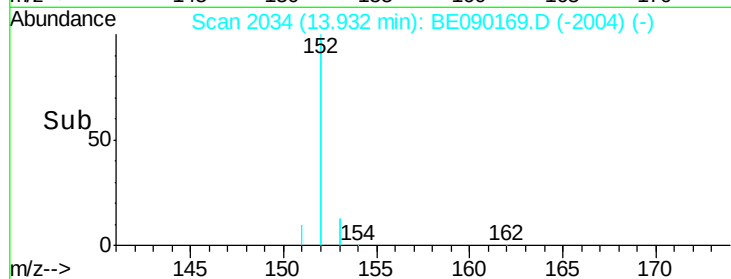
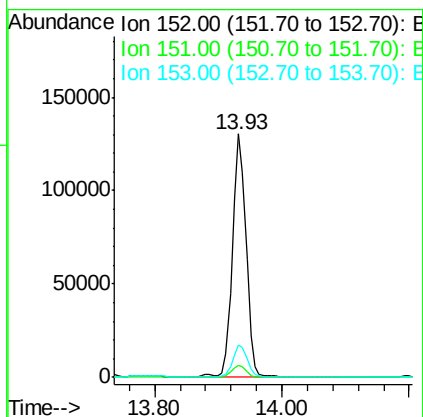
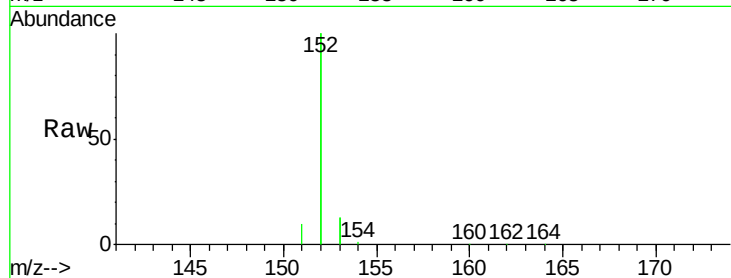




#15
Acenaphthylene
Concen: 3.87 ng
RT: 13.93 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BE090169.D
Acq: 18 Jul 2015 6:37

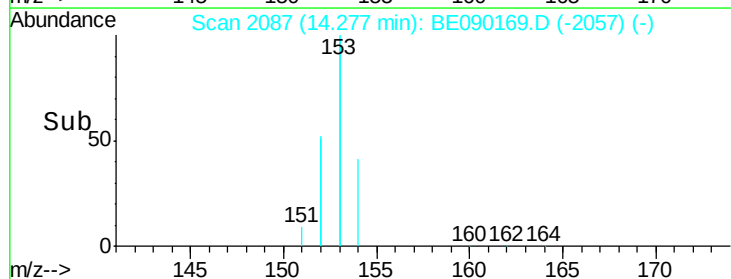
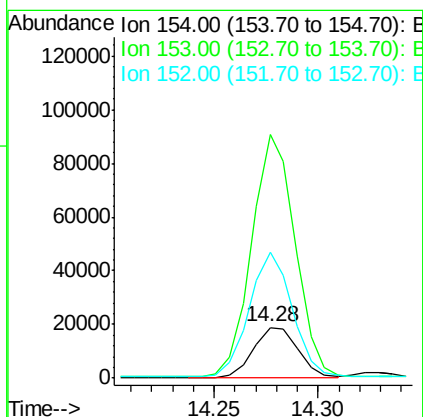
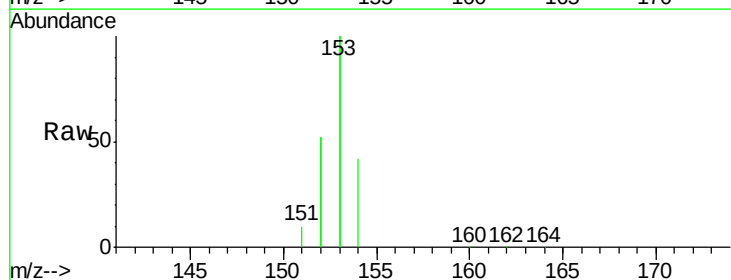
Instrument :
BNA_E
ClientSampleId :
MW-01-071515MS

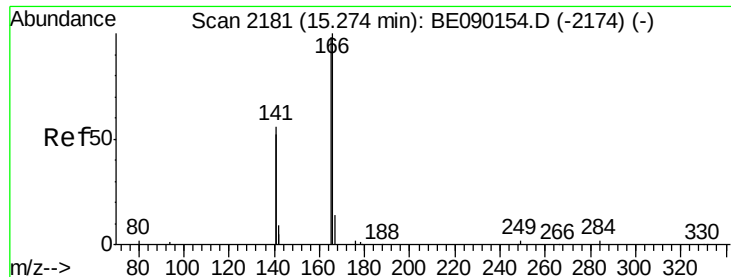
Tgt Ion:152 Resp: 193008
Ion Ratio Lower Upper
152 100
151 5.1 4.0 6.0
153 13.4 10.4 15.6



#16
Acenaphthene
Concen: 4.02 ng
RT: 14.28 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BE090169.D
Acq: 18 Jul 2015 6:37

Tgt Ion:154 Resp: 28194
Ion Ratio Lower Upper
154 100
153 465.9 376.9 565.3
152 238.3 199.0 298.6

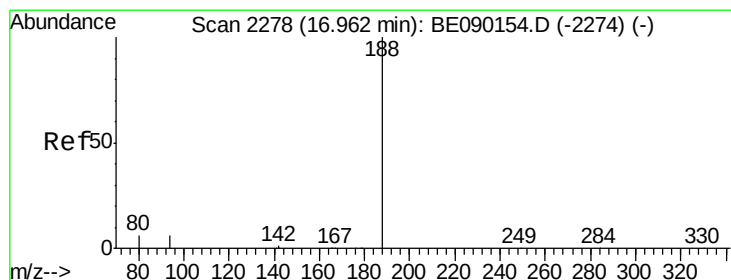
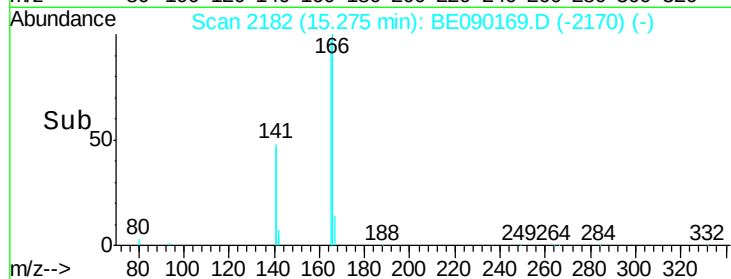
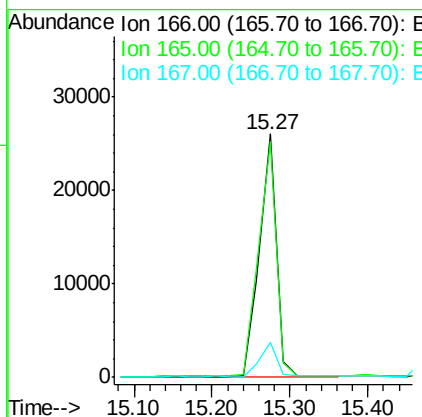
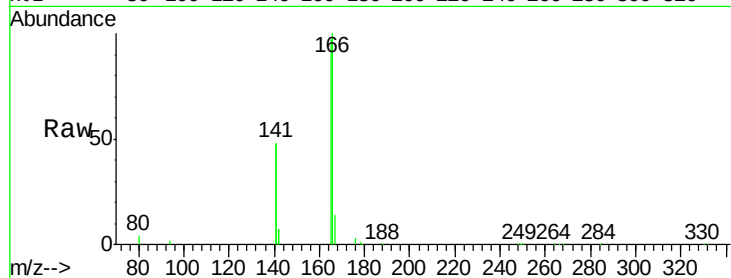




#17
Fluorene
 Concen: 4.21 ng
 RT: 15.27 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BE090169.D
 Acq: 18 Jul 2015 6:37

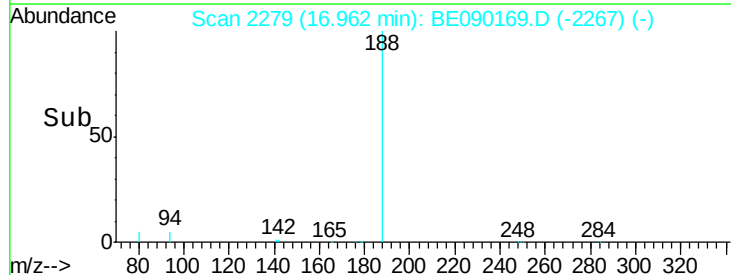
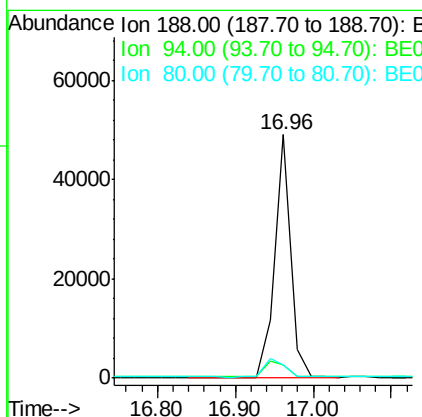
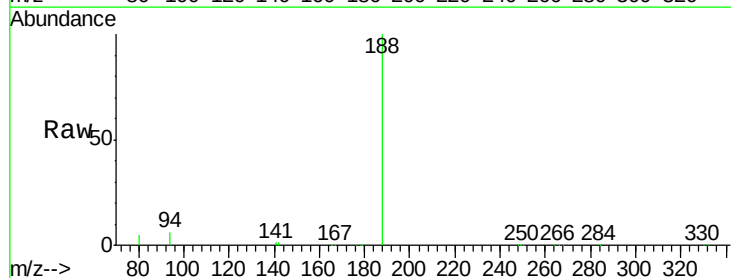
Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515MS

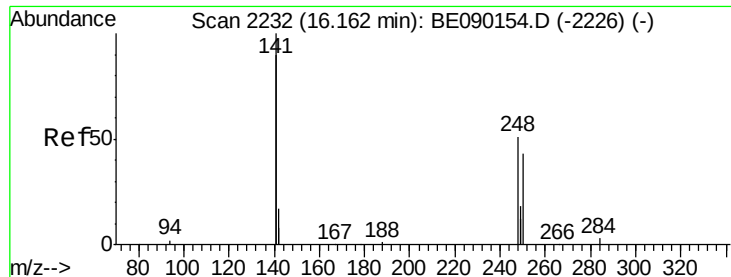
Tgt Ion:166 Resp: 39893
 Ion Ratio Lower Upper
 166 100
 165 101.4 81.5 122.3
 167 13.9 11.9 17.9



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090169.D
 Acq: 18 Jul 2015 6:37

Tgt Ion:188 Resp: 69629
 Ion Ratio Lower Upper
 188 100
 94 5.6 4.6 7.0
 80 5.5 4.6 6.8

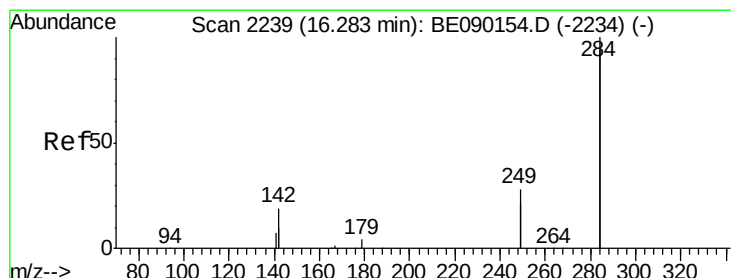
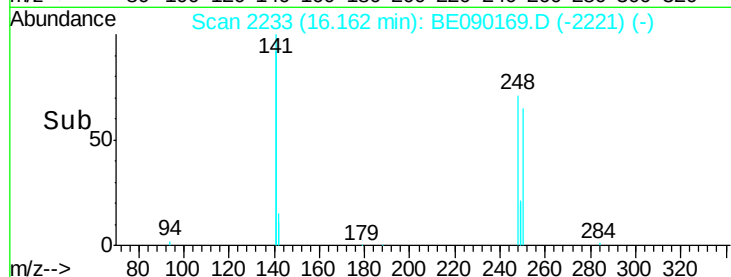
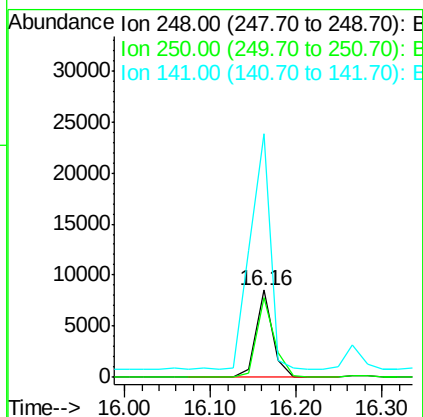
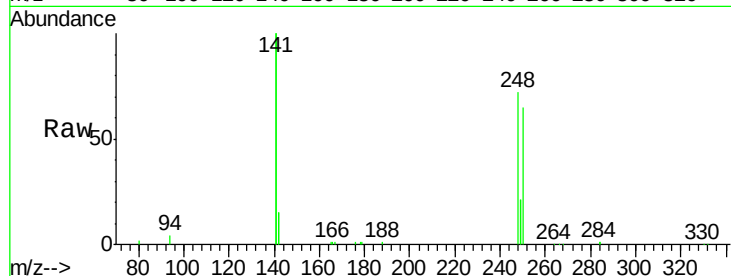




#19
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 16.16 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BE090169.D
Acq: 18 Jul 2015 6:37

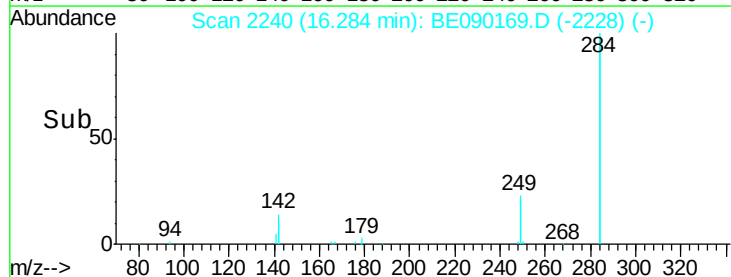
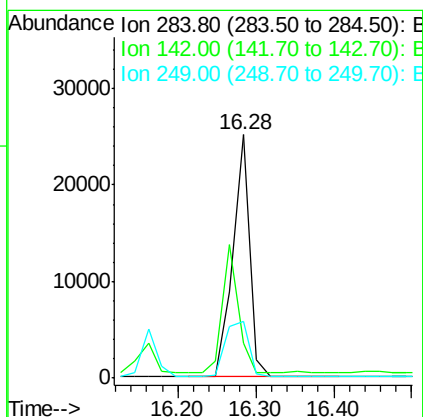
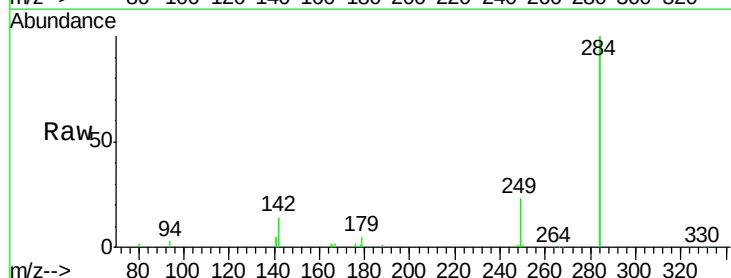
Instrument :
BNA_E
ClientSampleId :
MW-01-071515MS

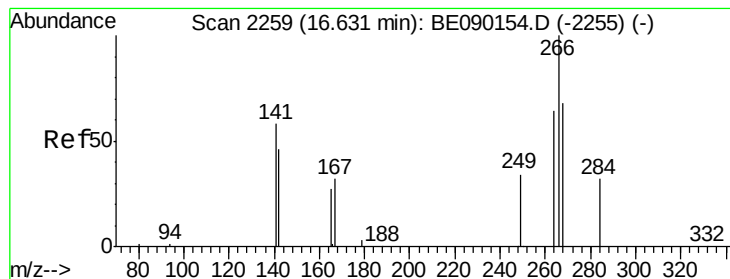
Tgt Ion:248 Resp: 11398
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.0
141 326.8 281.3 421.9



#20
Hexachlorobenzene
Concen: 4.06 ng
RT: 16.28 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE090169.D
Acq: 18 Jul 2015 6:37

Tgt Ion:284 Resp: 37262
Ion Ratio Lower Upper
284 100
142 50.5 42.2 63.2
249 31.3 25.5 38.3





#21

Pentachlorophenol

Concen: 10.84 ng

RT: 16.61 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

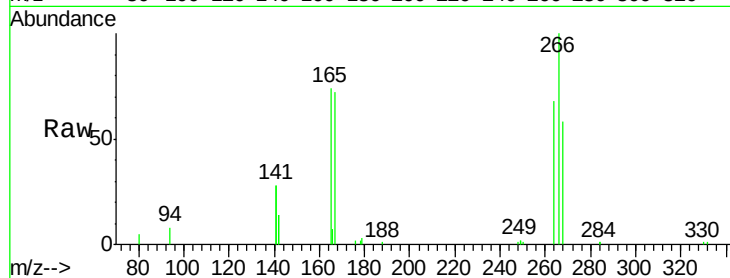
Tgt Ion:266 Resp: 13076

Ion Ratio Lower Upper

266 100

268 58.5 58.2 87.4

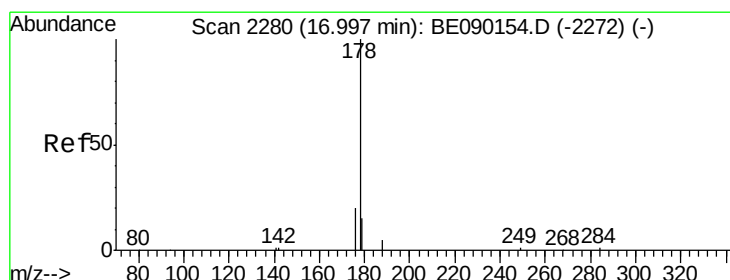
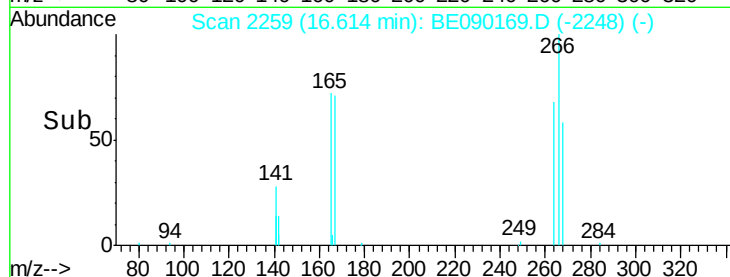
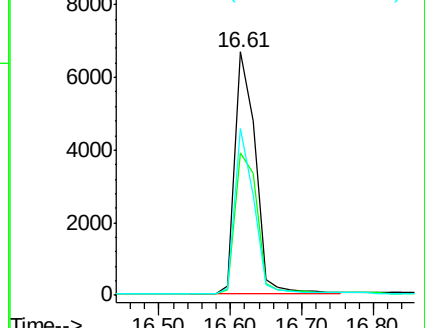
264 68.4 55.0 82.4



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: 4.40 ng

RT: 17.00 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

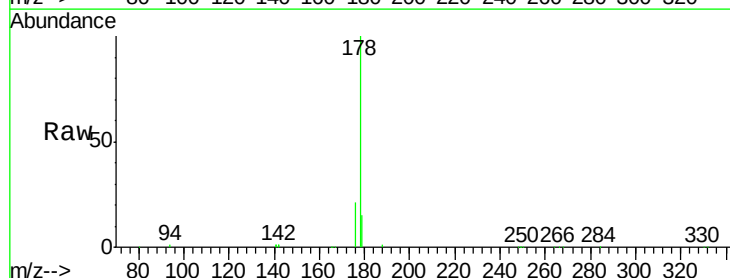
Tgt Ion:178 Resp: 68755

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

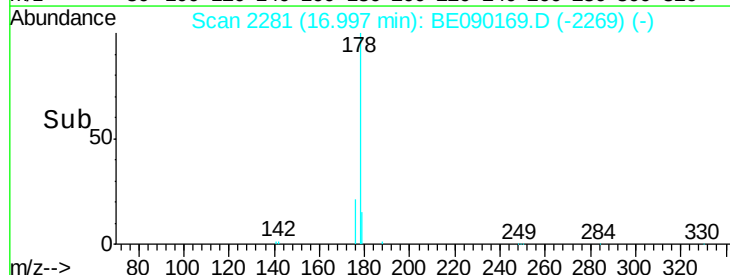
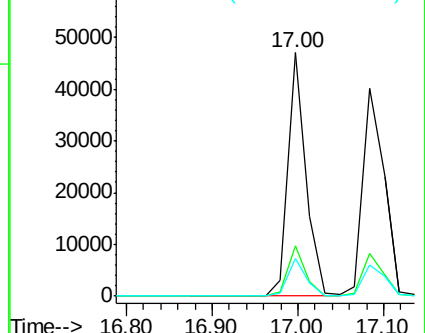
179 15.5 12.5 18.7

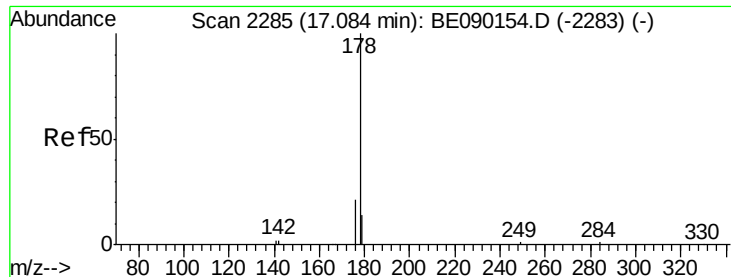


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 4.73 ng

RT: 17.08 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

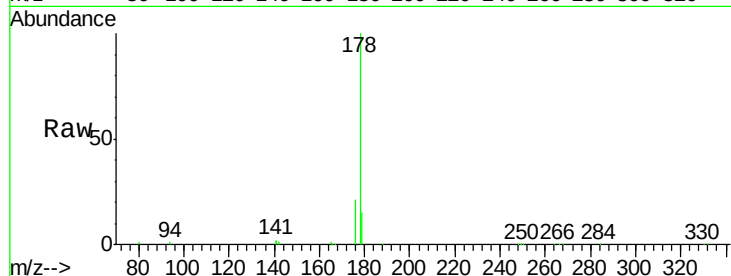
Tgt Ion:178 Resp: 68717

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

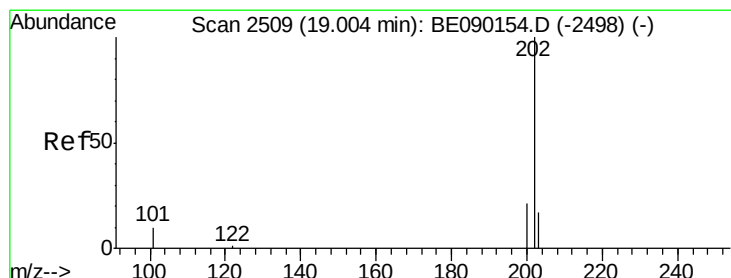
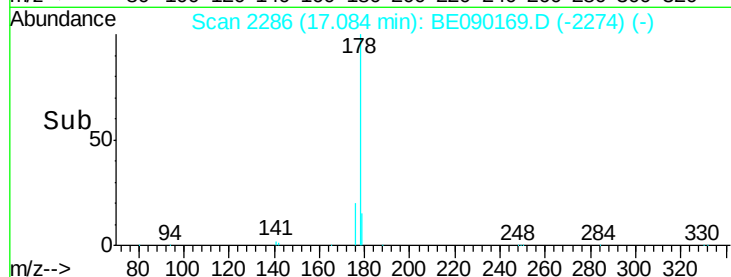
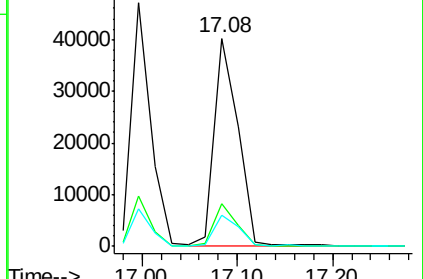
179 15.1 12.2 18.2



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



#24

Fluoranthene

Concen: 4.86 ng

RT: 19.00 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

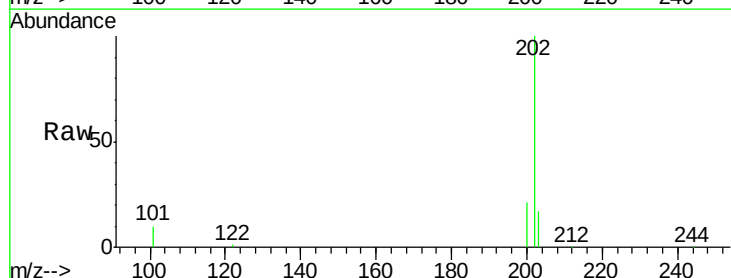
Tgt Ion:202 Resp: 85212

Ion Ratio Lower Upper

202 100

101 10.5 8.5 12.7

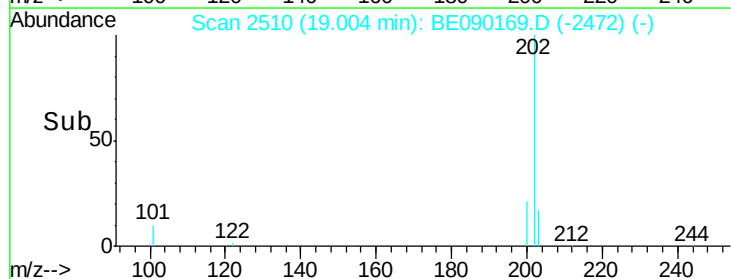
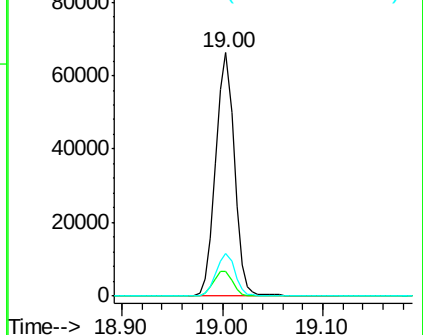
203 17.2 13.9 20.9

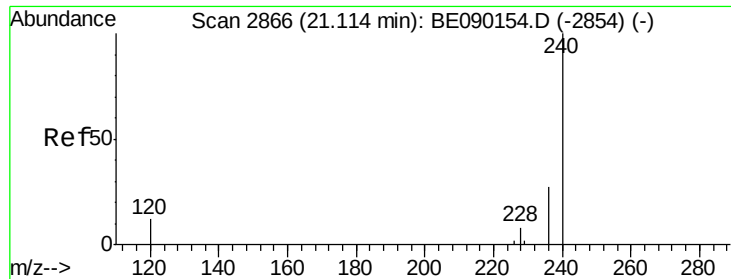


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

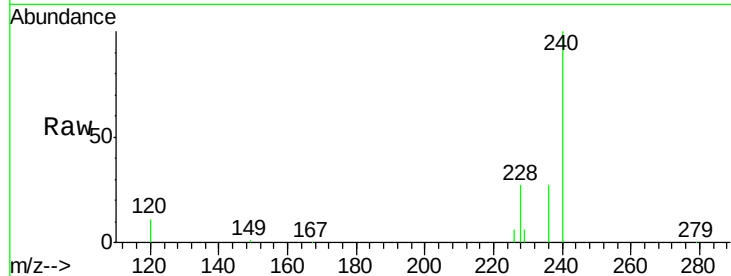
Tgt Ion:240 Resp: 82029

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.0

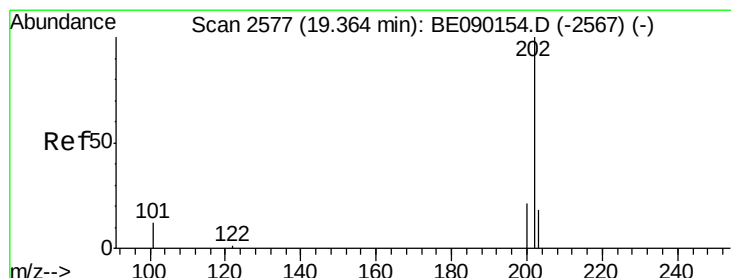
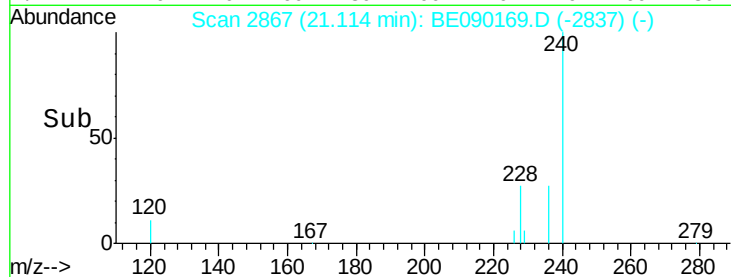
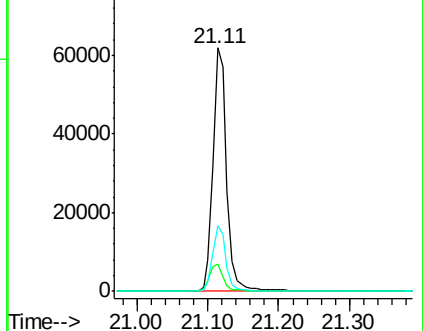
236 27.2 21.8 32.8



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: 4.85 ng

RT: 19.36 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

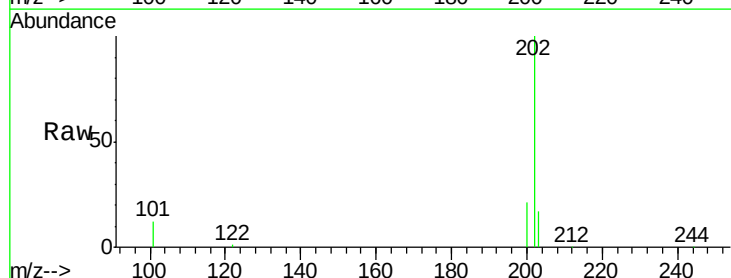
Tgt Ion:202 Resp: 90203

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

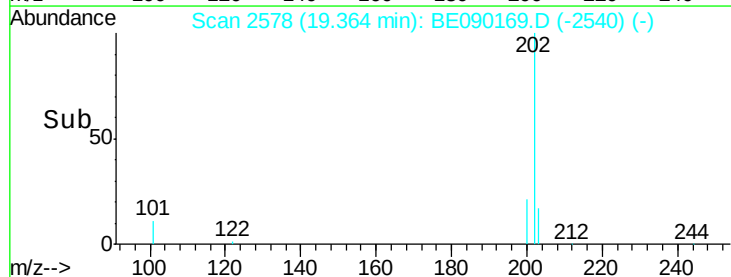
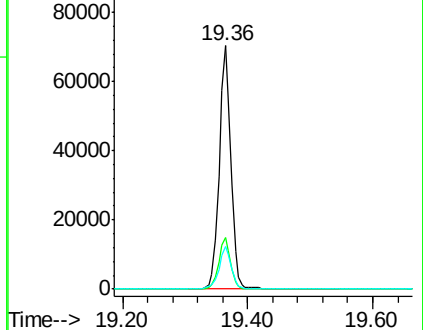
203 18.0 14.1 21.1

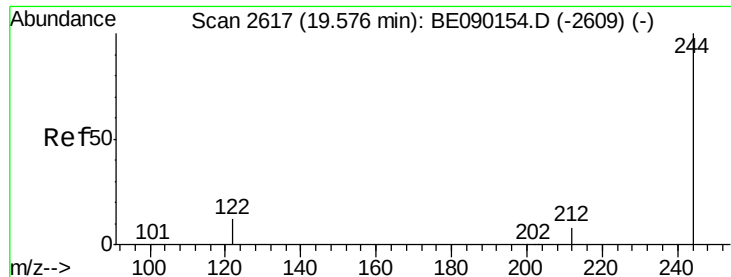


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 4.41 ng

RT: 19.58 min Scan# 2618

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

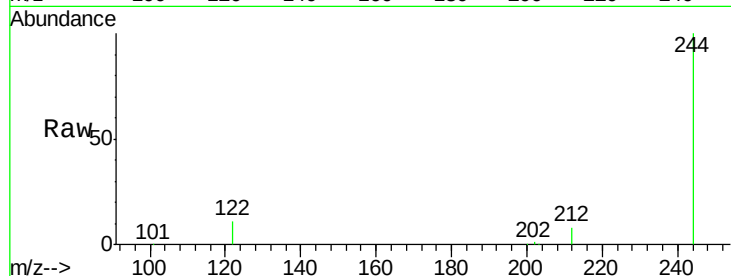
Tgt Ion:244 Resp: 60473

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

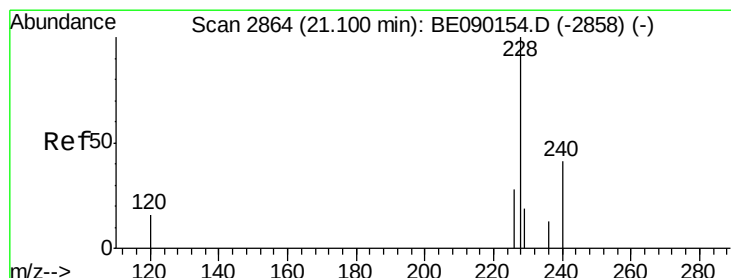
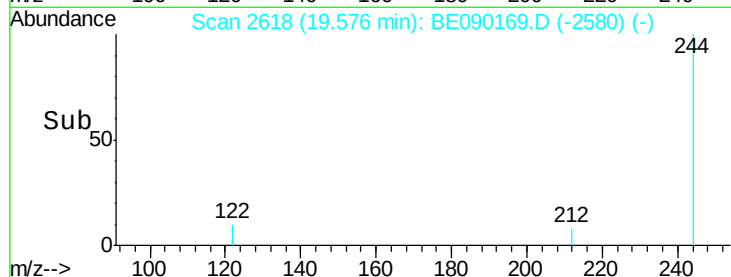
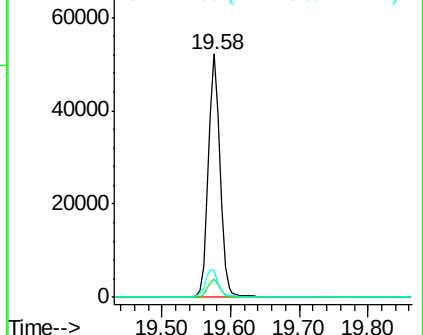
122 11.1 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 4.52 ng

RT: 21.10 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

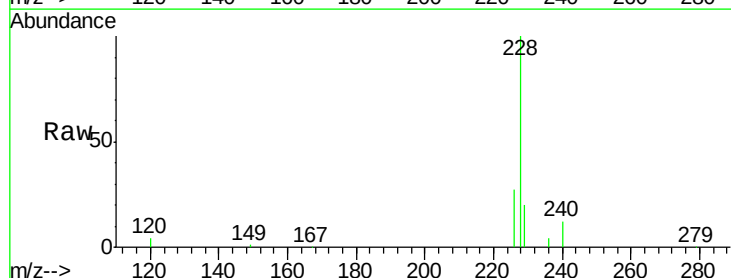
Tgt Ion:228 Resp: 84835

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.4

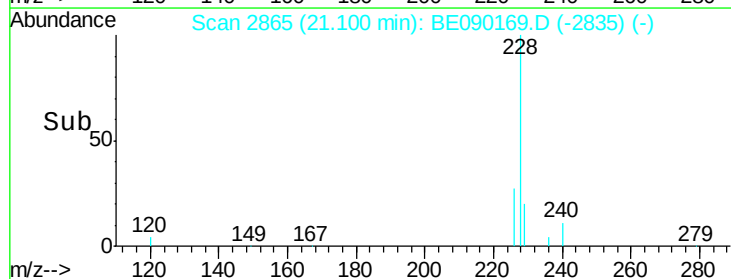
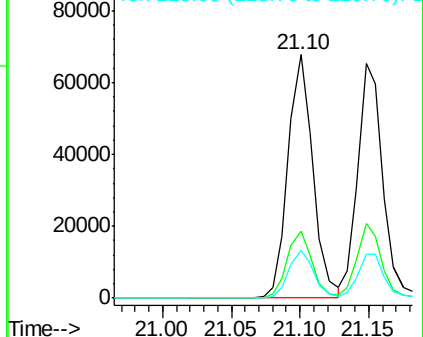
229 19.8 15.7 23.5

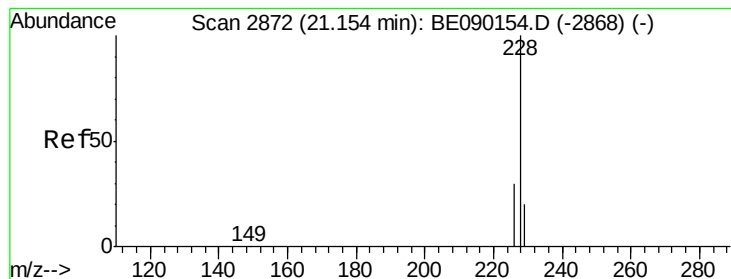


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 4.49 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

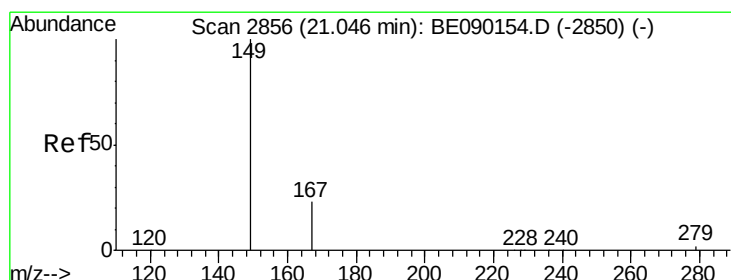
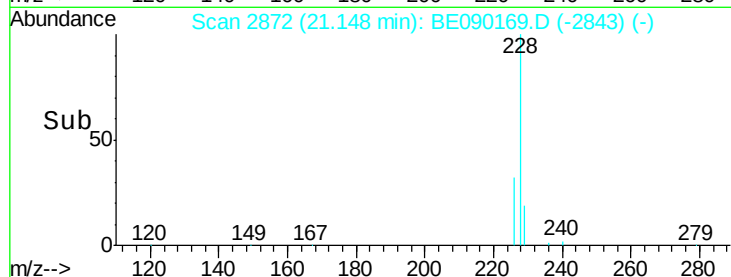
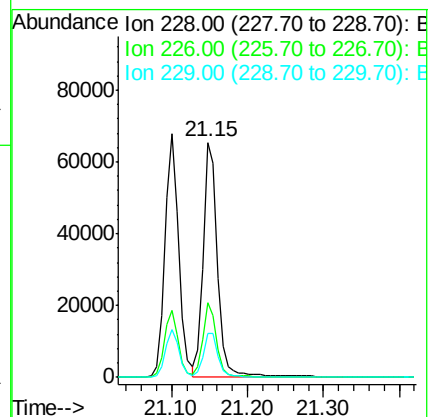
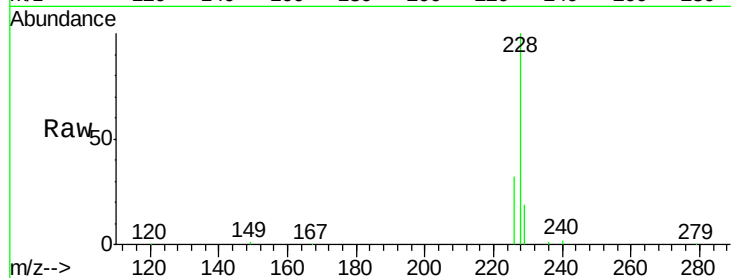
Tgt Ion:228 Resp: 85043

Ion Ratio Lower Upper

228 100

226 31.7 23.8 35.8

229 18.9 16.5 24.7



#30

Bis(2-ethylhexyl)phthalate

Concen: 5.76 ng

RT: 21.05 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

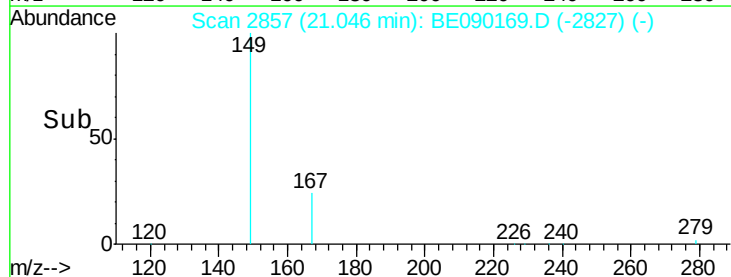
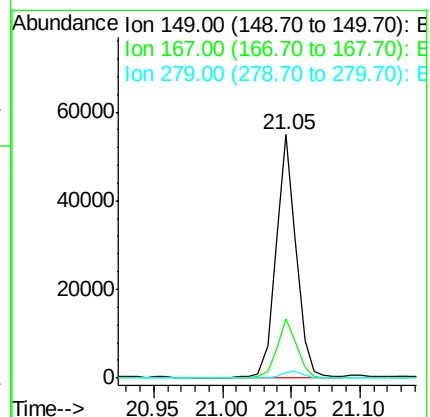
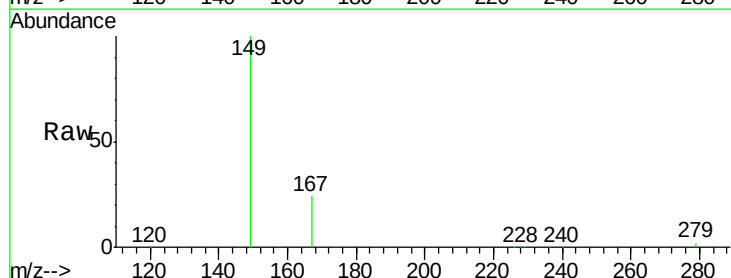
Tgt Ion:149 Resp: 55440

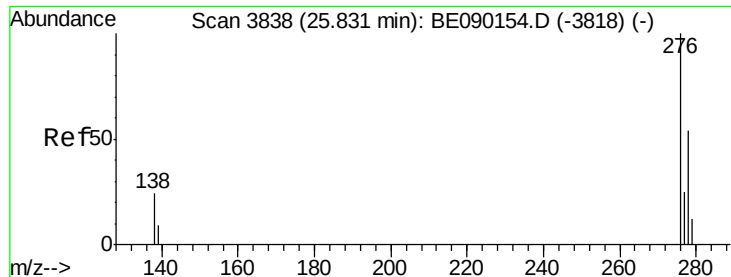
Ion Ratio Lower Upper

149 100

167 23.8 18.6 28.0

279 2.9 2.2 3.4





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.22 ng

RT: 25.83 min Scan# 3839

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

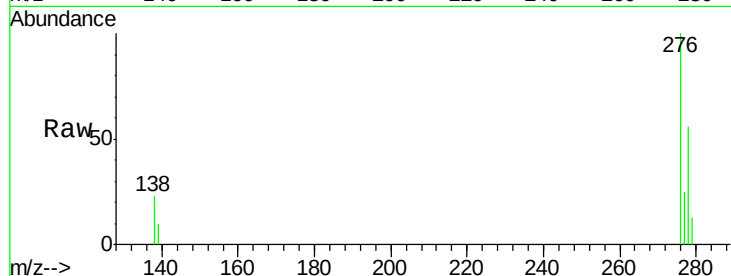
Tgt Ion:276 Resp: 93702

Ion Ratio Lower Upper

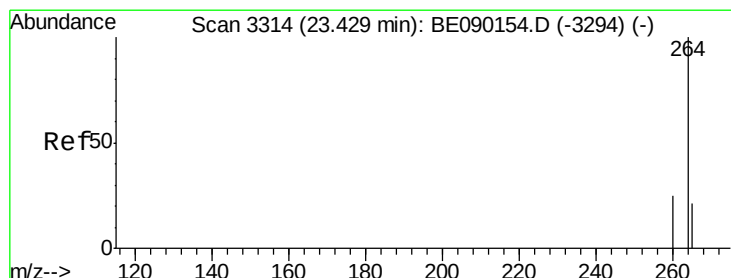
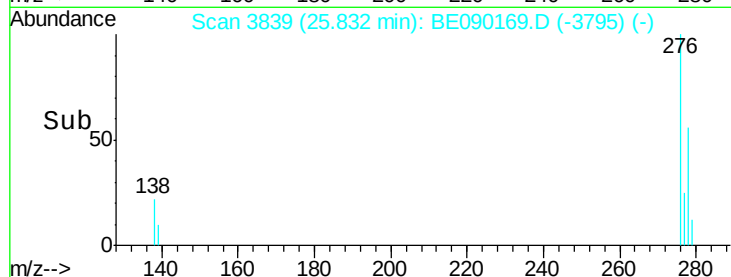
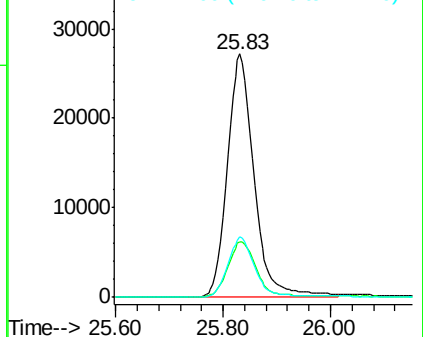
276 100

138 24.2 19.5 29.3

277 24.8 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: 23.43 min Scan# 3315

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

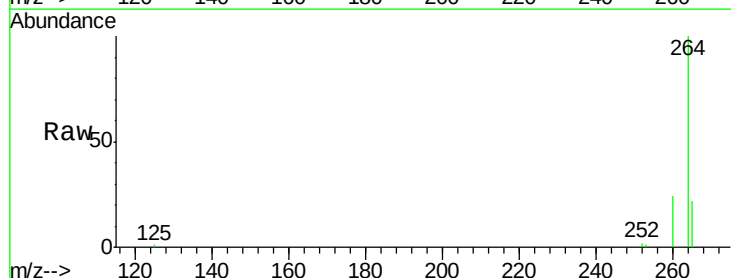
Tgt Ion:264 Resp: 77775

Ion Ratio Lower Upper

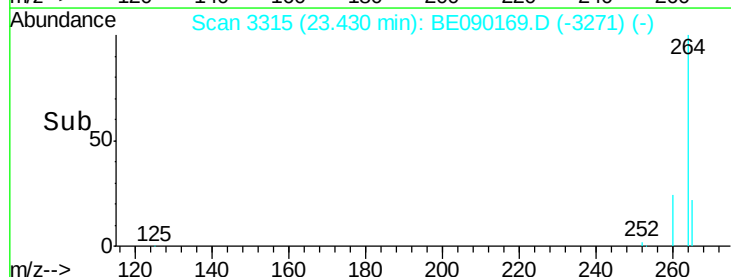
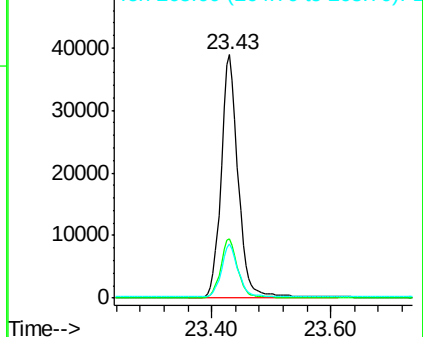
264 100

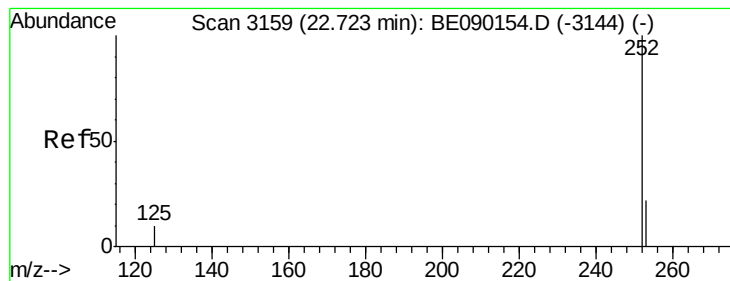
260 24.3 19.8 29.8

265 22.2 17.4 26.2



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: 4.96 ng

RT: 22.72 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

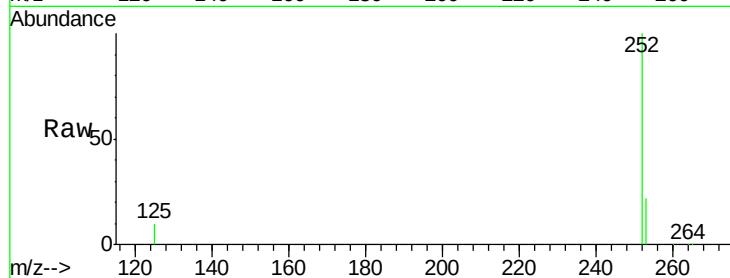
Tgt Ion:252 Resp: 80573

Ion Ratio Lower Upper

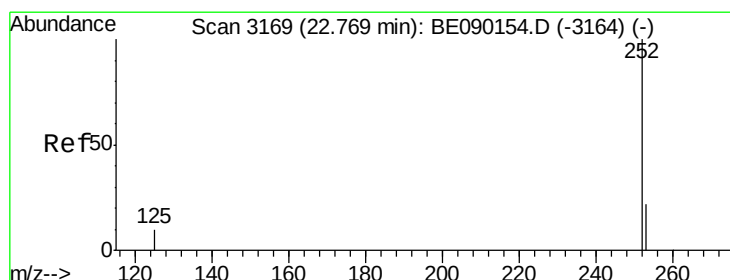
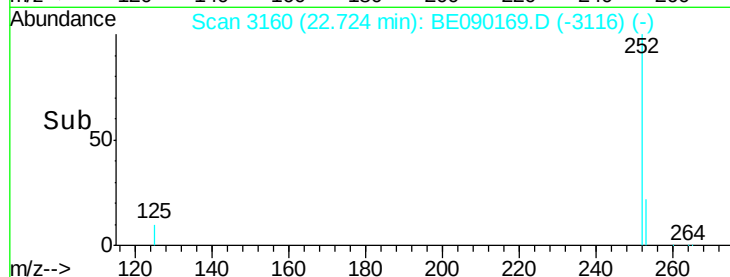
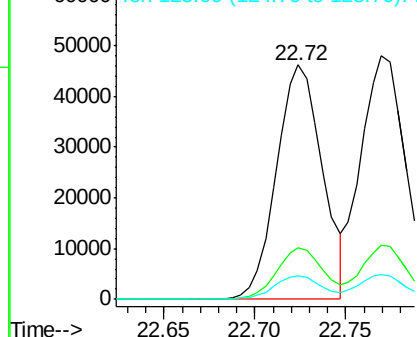
252 100

253 22.1 17.9 26.9

125 10.3 8.7 13.1



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



#34

Benzo(k)fluoranthene

Concen: 4.75 ng

RT: 22.77 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

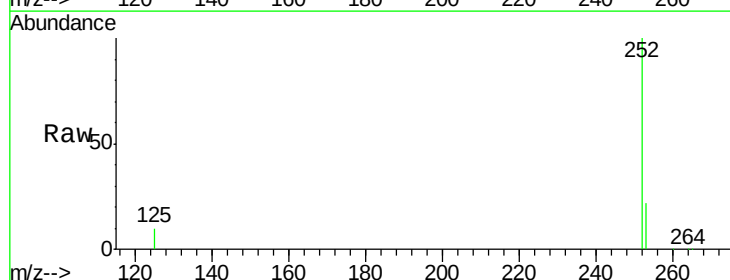
Tgt Ion:252 Resp: 88046

Ion Ratio Lower Upper

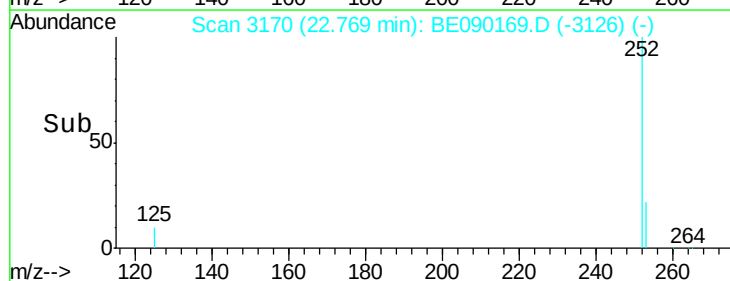
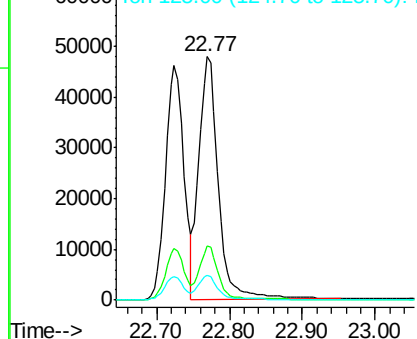
252 100

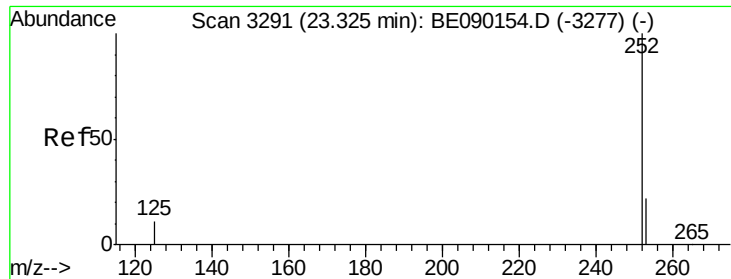
253 22.1 18.1 27.1

125 10.3 8.7 13.1



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: 4.92 ng

RT: 23.33 min Scan# 3292

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS

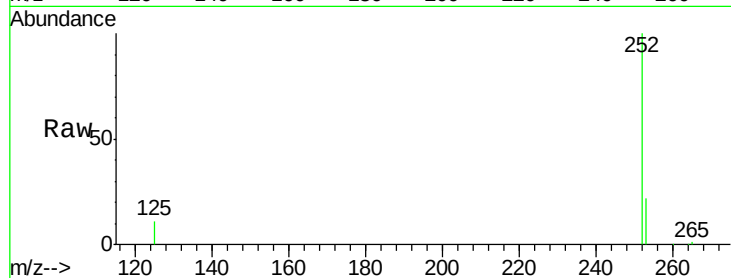
Tgt Ion: 252 Resp: 77295

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 11.1 9.4 14.0

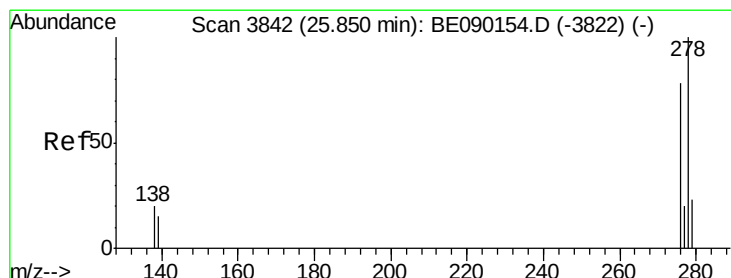
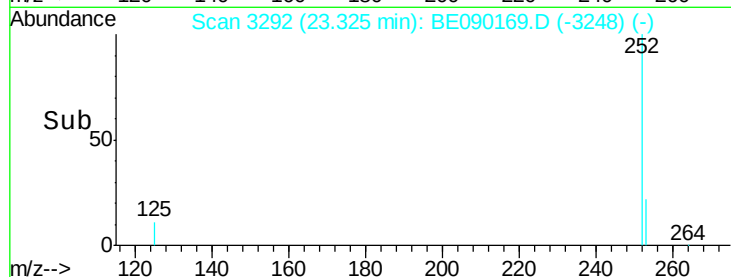
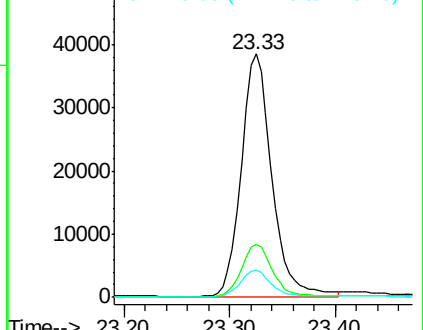


Abundance

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



#36

Dibenzo(a,h)anthracene

Concen: 4.68 ng

RT: 25.85 min Scan# 3843

Delta R.T. 0.00 min

Lab File: BE090169.D

Acq: 18 Jul 2015 6:37

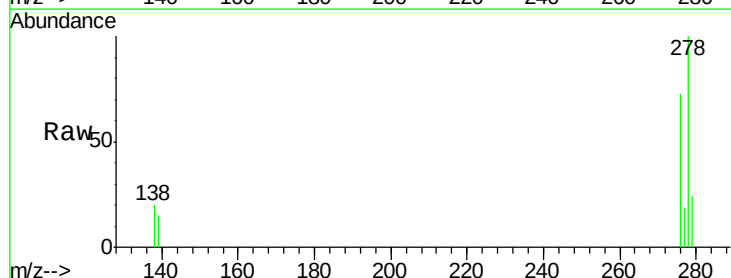
Tgt Ion: 278 Resp: 77557

Ion Ratio Lower Upper

278 100

139 15.4 12.9 19.3

279 23.8 19.3 28.9

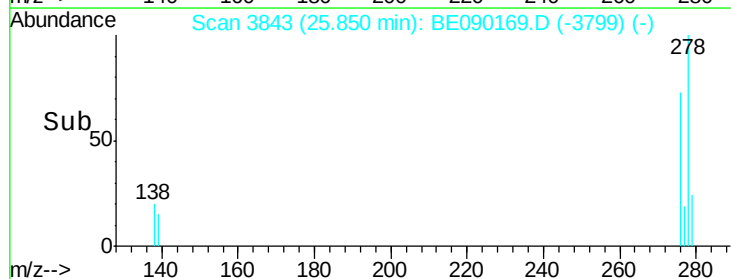
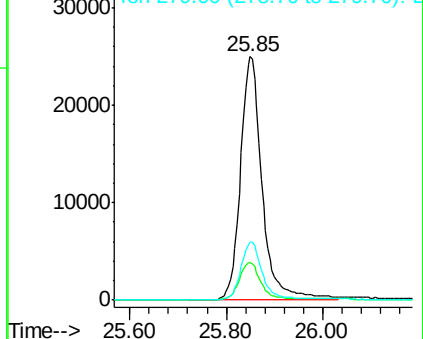


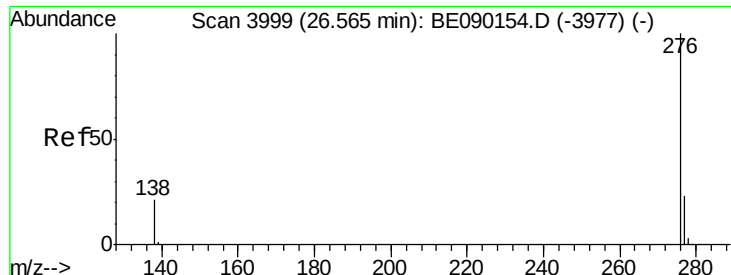
Abundance

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: 4.56 ng

RT: 26.57 min Scan# 4001

Delta R.T. 0.00 min

Lab File: BE090169.D

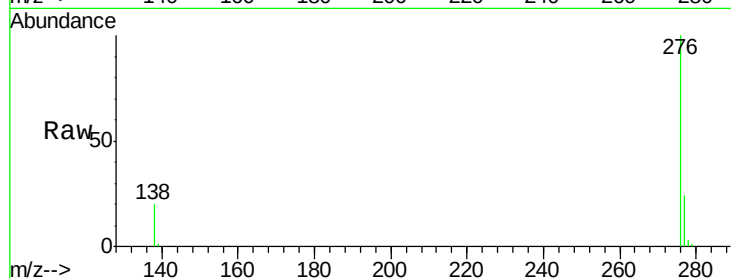
Acq: 18 Jul 2015 6:37

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MS



Tgt Ion: 276 Resp: 78237

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 20.3 17.2 25.8

