

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090170.D
 Acq On : 18 Jul 2015 7:12
 Operator : TP/IZ
 Sample : G3009-06MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515MSD

Quant Time: Jul 20 04:58:14 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

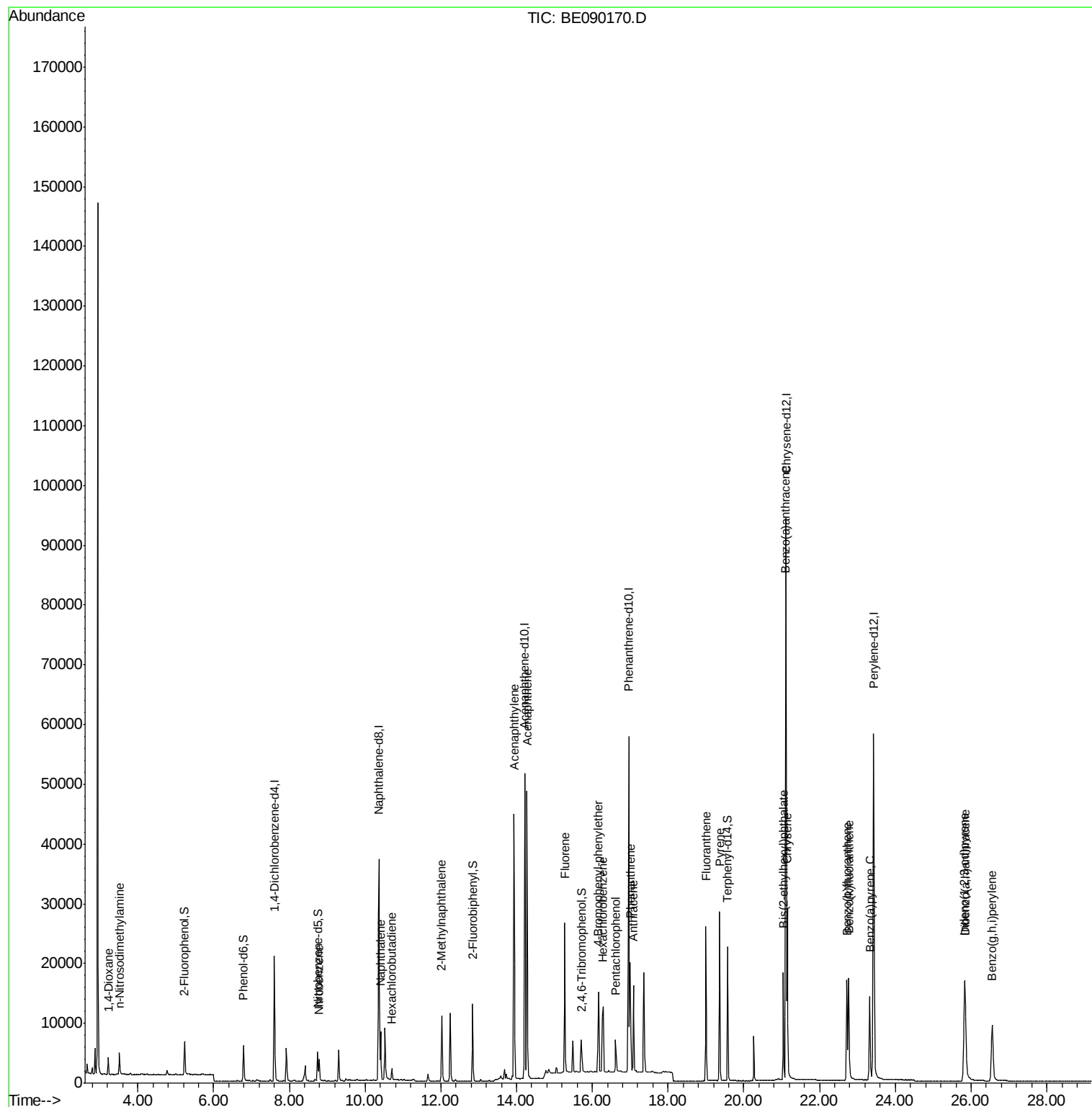
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	10266	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	50753	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	28922	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	71957	5.00	ng	0.00
25) Chrysene-d12	21.11	240	83246	5.00	ng	0.00
32) Perylene-d12	23.43	264	82205	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4741	1.96	ng	0.00
5) Phenol-d6	6.79	99	6676	2.14	ng	0.00
7) Nitrobenzene-d5	8.75	82	4472	1.33	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1944	2.84	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	12074	1.42	ng	0.00
27) Terphenyl-d14	19.58	244	23501	1.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	1613	1.44	ng	99
3) n-Nitrosodimethylamine	3.51	42	2425	1.33	ng	95
8) Nitrobenzene	8.79	77	3997	1.21	ng	100
9) Naphthalene	10.41	128	11169	1.03	ng	100
10) Hexachlorobutadiene	10.71	225	1321	0.99	ng	99
11) 2-Methylnaphthalene	12.03	142	8189	1.12	ng	98
15) Acenaphthylene	13.93	152	56733	1.09	ng	100
16) Acenaphthene	14.28	154	8255	1.13	ng	99
17) Fluorene	15.27	166	11213	1.13	ng	98
19) 4-Bromophenyl-phenylether	16.16	248	3356	1.25	ng	88
20) Hexachlorobenzene	16.28	284	11179	1.18	ng	99
21) Pentachlorophenol	16.61	266	2676	2.39	ng	91
22) Phenanthrene	17.00	178	19804	1.23	ng	100
23) Anthracene	17.08	178	19137	1.28	ng	99
24) Fluoranthene	19.00	202	23587	1.30	ng	100
26) Pyrene	19.36	202	25089	1.33	ng	99
28) Benzo(a)anthracene	21.10	228	24365	1.28	ng	99
29) Chrysene	21.15	228	23936	1.24	ng	98
30) Bis(2-ethylhexyl)phthalate	21.05	149	15461	1.58	ng	100
31) Indeno(1,2,3-cd)pyrene	25.82	276	26082	1.16	ng	100
33) Benzo(b)fluoranthene	22.72	252	22801	1.33	ng	99
34) Benzo(k)fluoranthene	22.77	252	25083	1.28	ng	99
35) Benzo(a)pyrene	23.32	252	21931	1.32	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	21191	1.21	ng	99
37) Benzo(g,h,i)perylene	26.56	276	22147	1.22	ng	99

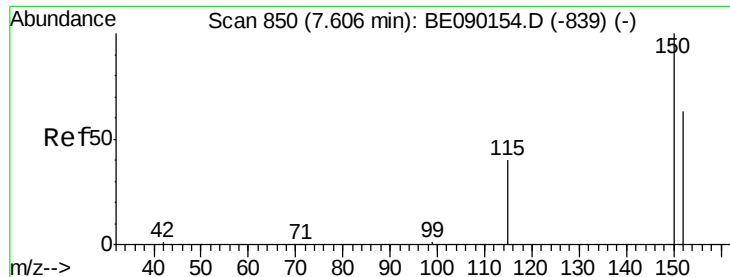
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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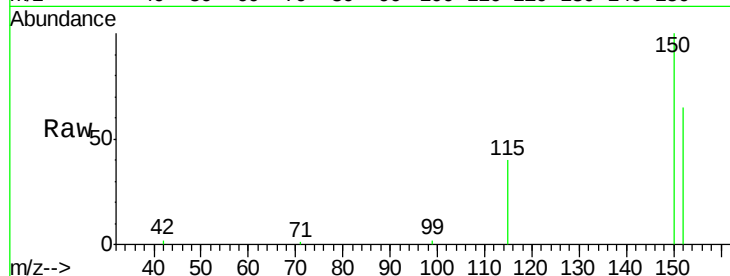




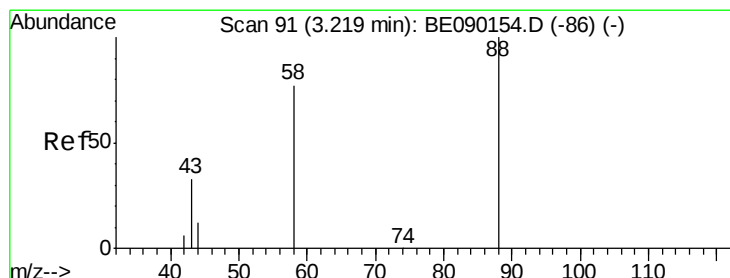
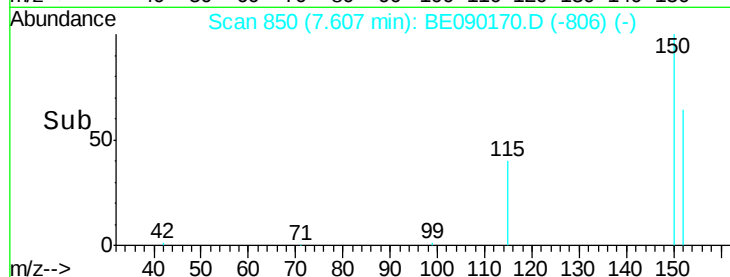
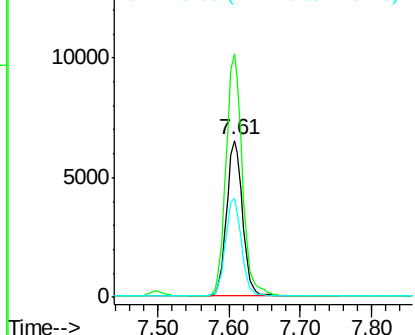
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BE090170.D
 Acq: 18 Jul 2015 7:12

Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515MSD

Tgt Ion:152 Resp: 10266
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.2 190.8
 115 62.7 51.6 77.4

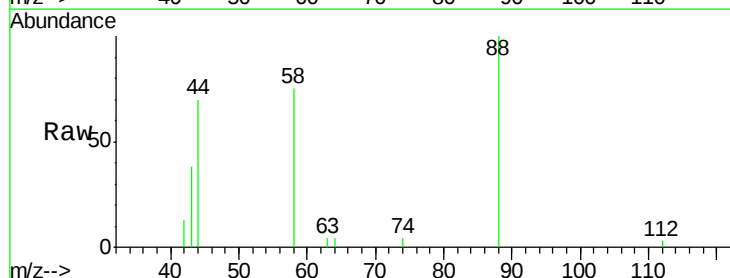


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

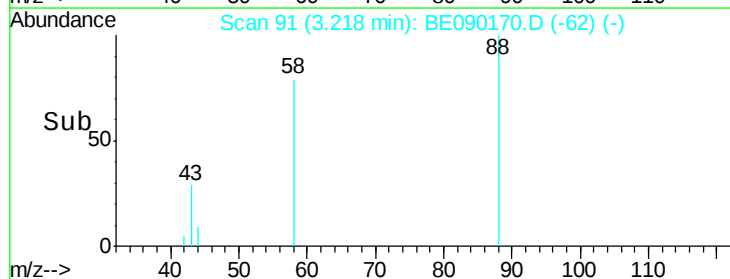
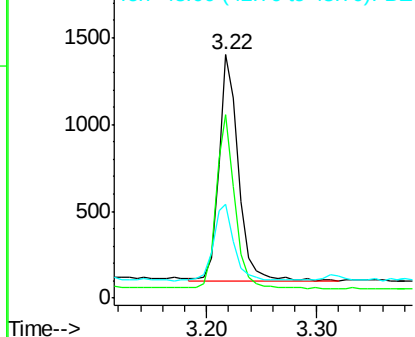


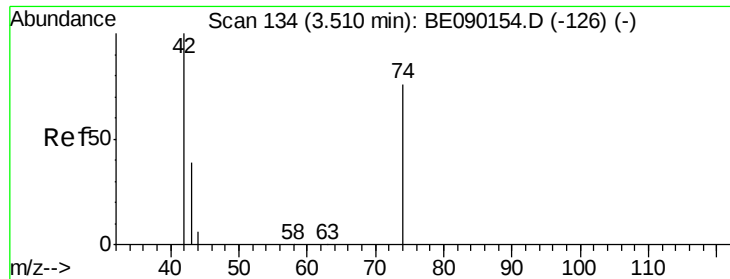
#2
 1,4-Dioxane
 Concen: 1.44 ng
 RT: 3.22 min Scan# 91
 Delta R.T. -0.00 min
 Lab File: BE090170.D
 Acq: 18 Jul 2015 7:12

Tgt Ion: 88 Resp: 1613
 Ion Ratio Lower Upper
 88 100
 58 74.1 58.2 87.2
 43 35.1 27.7 41.5



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



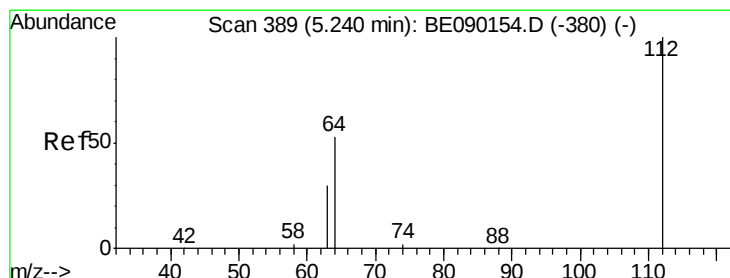
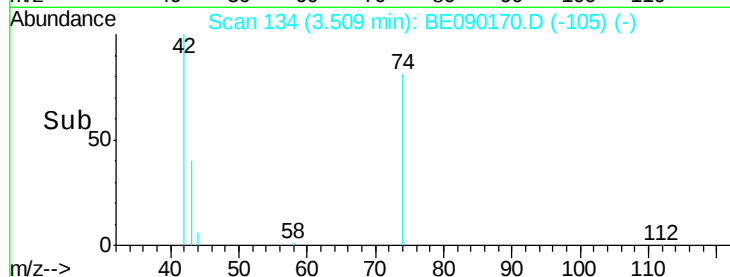
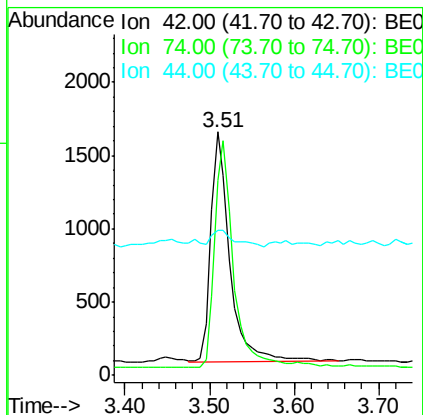
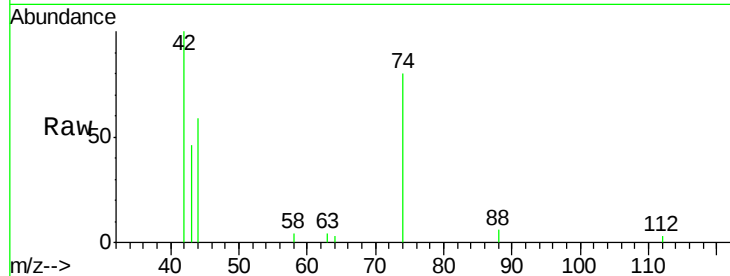


#3

n-Nitrosodimethylamine
Concen: 1.33 ng
RT: 3.51 min Scan# 134
Delta R.T. -0.00 min
Lab File: BE090170.D
Acq: 18 Jul 2015 7:12

Instrument :
BNA_E
ClientSampleId :
MW-01-071515MSD

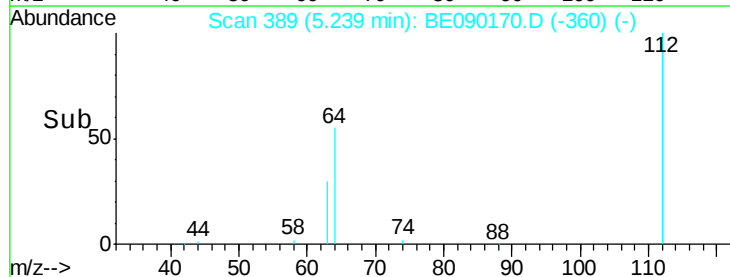
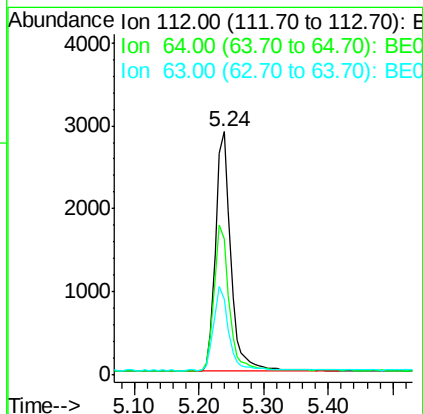
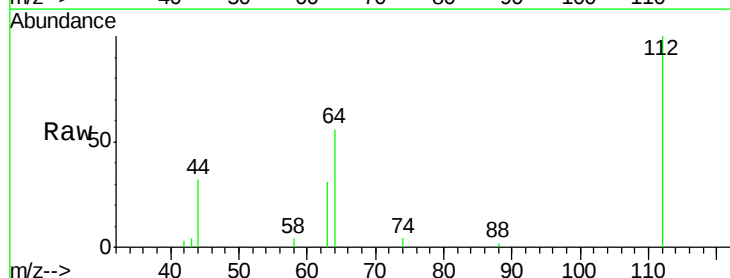
Tgt Ion: 42 Resp: 2425
Ion Ratio Lower Upper
42 100
74 97.9 82.2 123.4
44 8.2 7.5 11.3

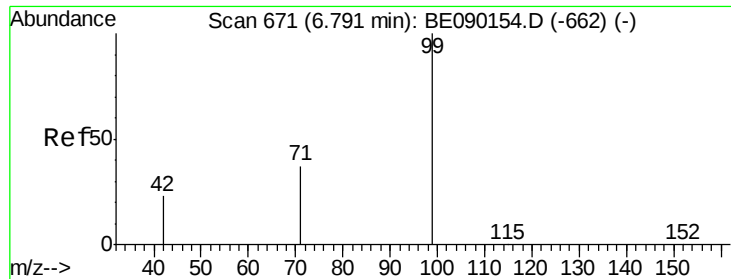


#4

2-Fluorophenol
Concen: 1.96 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.00 min
Lab File: BE090170.D
Acq: 18 Jul 2015 7:12

Tgt Ion: 112 Resp: 4741
Ion Ratio Lower Upper
112 100
64 59.6 46.7 70.1
63 34.6 27.3 40.9





#5

Phenol-d6

Concen: 2.14 ng

RT: 6.79 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

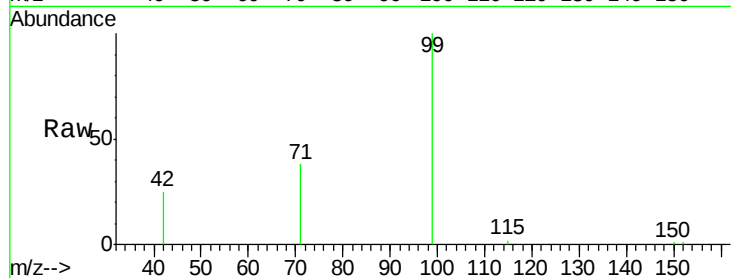
Tgt Ion: 99 Resp: 6676

Ion Ratio Lower Upper

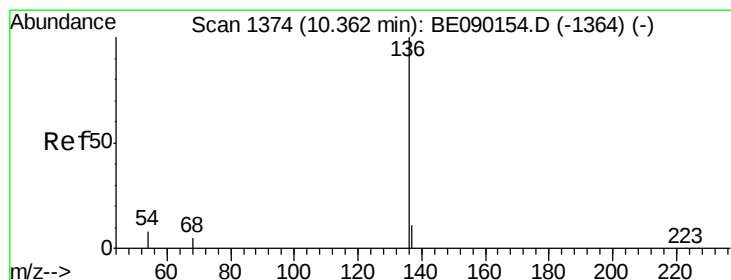
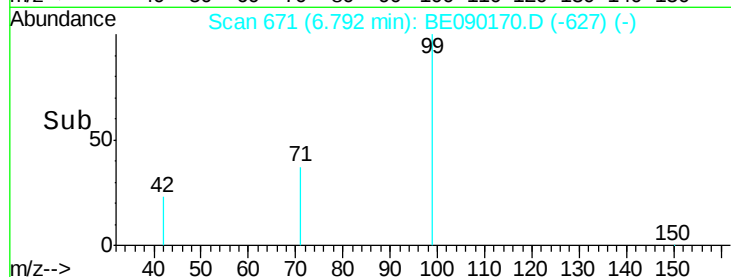
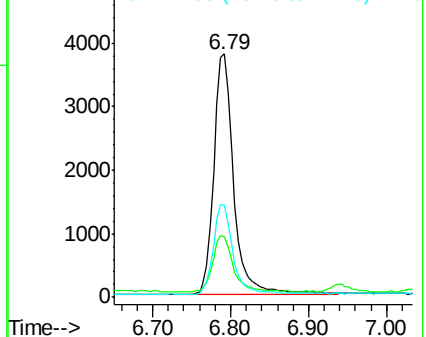
99 100

42 23.8 19.1 28.7

71 37.1 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: BE090170.D

Acq: 18 Jul 2015 7:12

Tgt Ion: 136 Resp: 50753

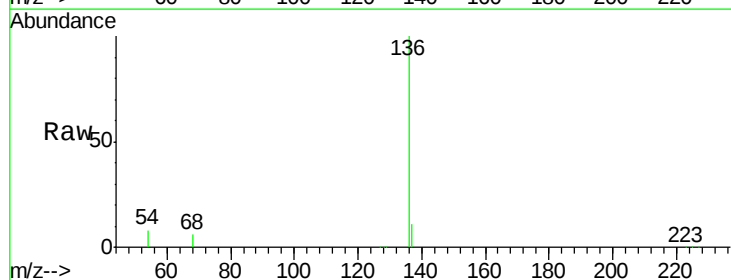
Ion Ratio Lower Upper

136 100

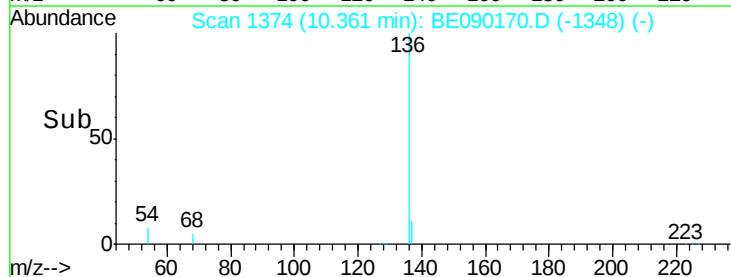
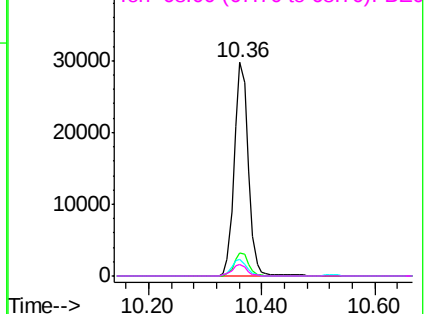
137 11.1 8.9 13.3

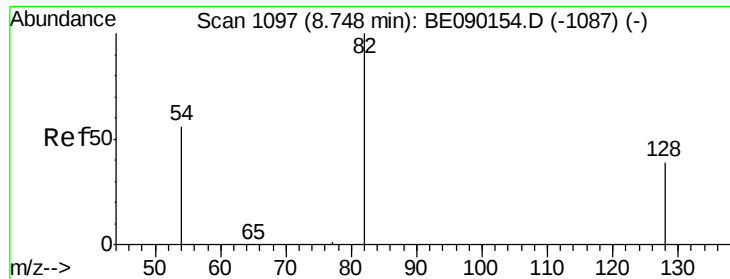
54 8.0 6.3 9.5

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: 1.33 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

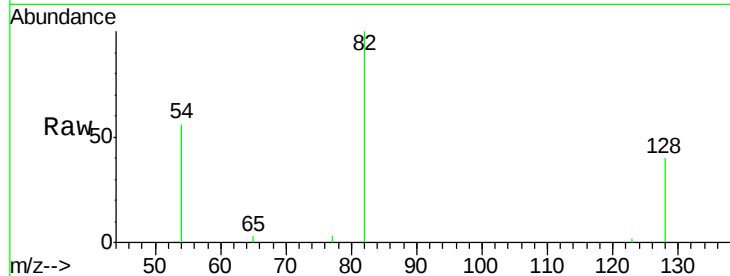
Tgt Ion: 82 Resp: 4472

Ion Ratio Lower Upper

82 100

128 40.5 32.7 49.1

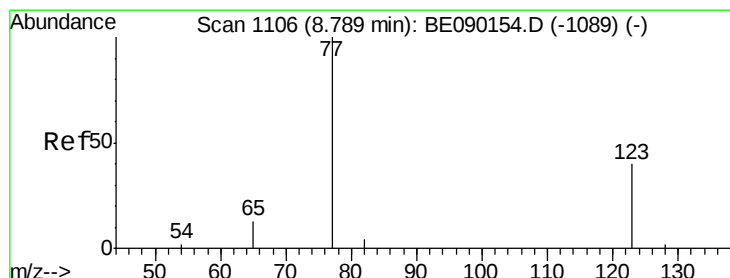
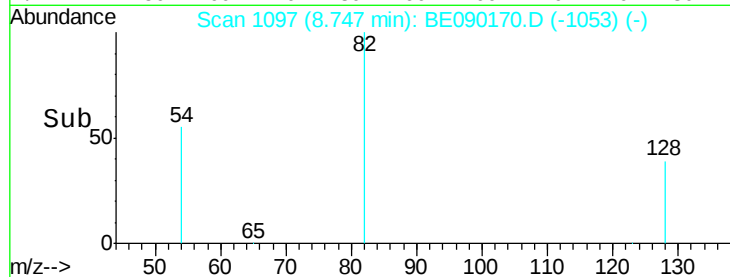
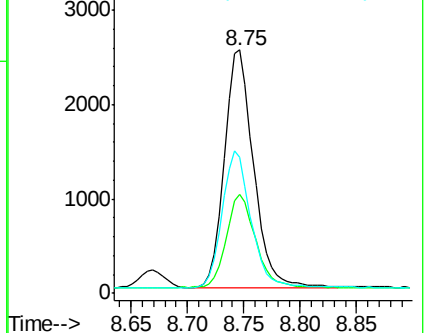
54 55.8 45.9 68.9



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: 1.21 ng

RT: 8.79 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

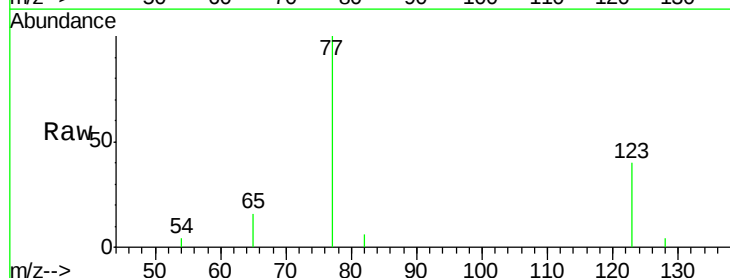
Tgt Ion: 77 Resp: 3997

Ion Ratio Lower Upper

77 100

123 40.4 32.3 48.5

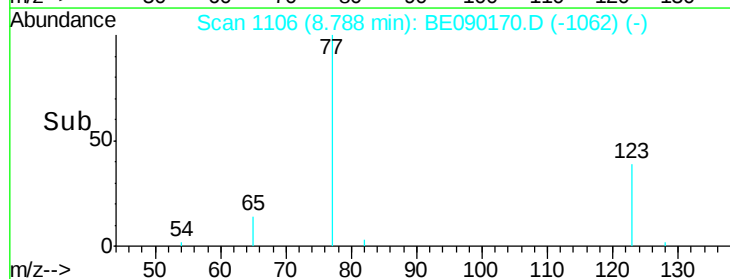
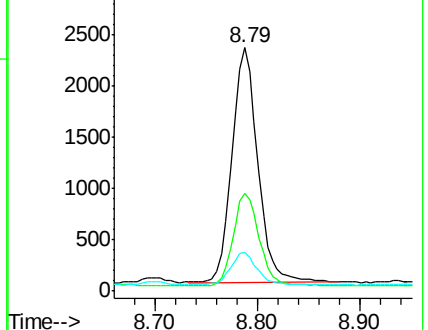
65 13.7 10.4 15.6

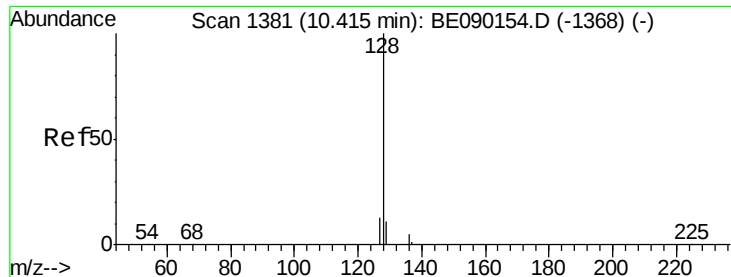


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 1.03 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

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ClientSampleId :

MW-01-071515MSD

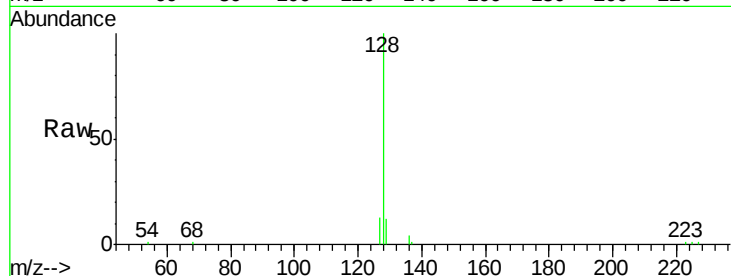
Tgt Ion:128 Resp: 11169

Ion Ratio Lower Upper

128 100

129 12.1 9.8 14.6

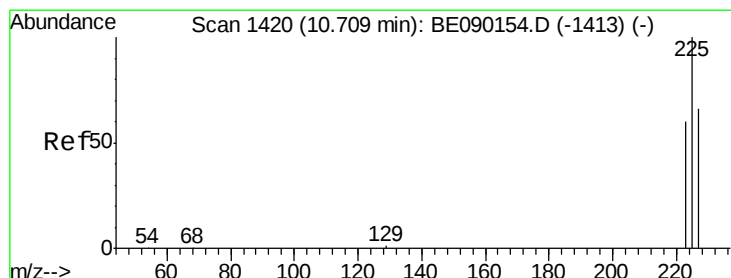
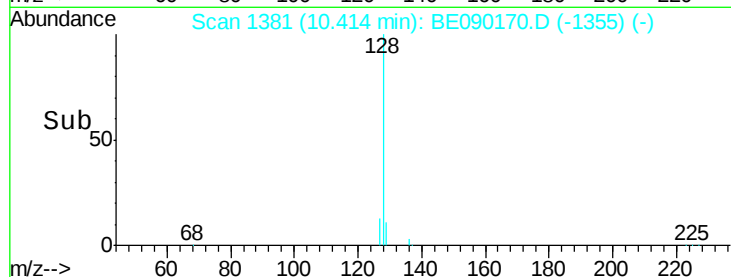
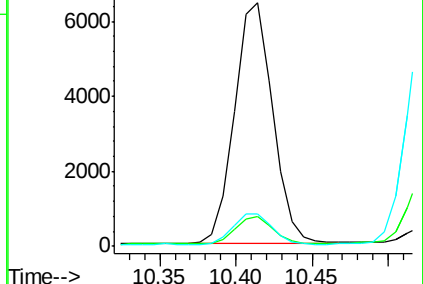
127 13.3 10.7 16.1



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: 0.99 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

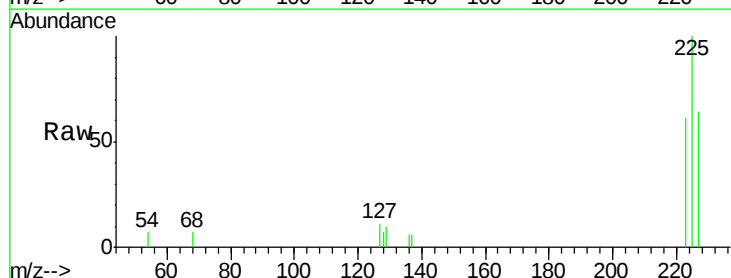
Tgt Ion:225 Resp: 1321

Ion Ratio Lower Upper

225 100

223 63.1 50.3 75.5

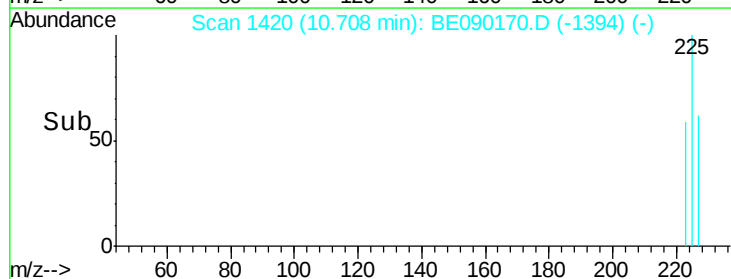
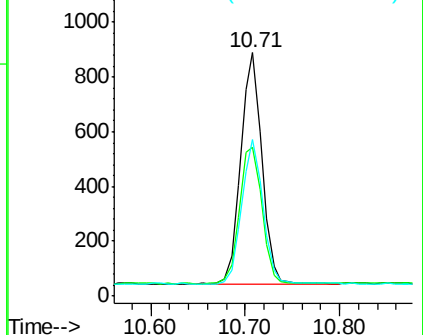
227 63.3 51.3 76.9

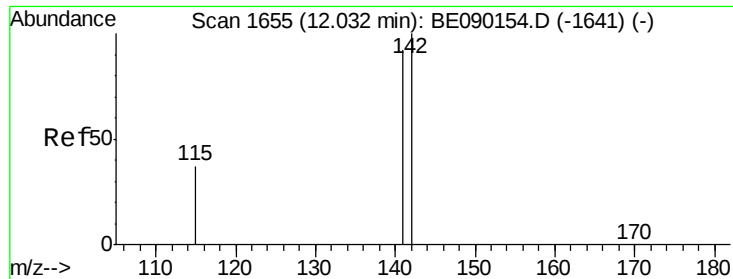


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

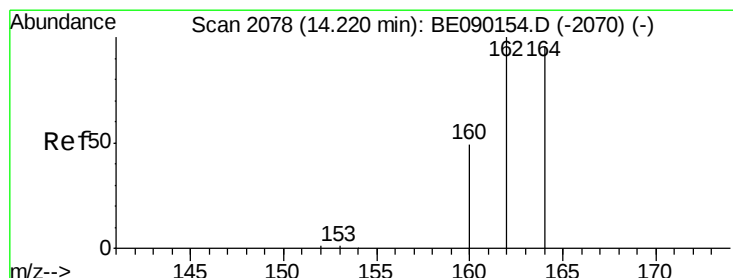
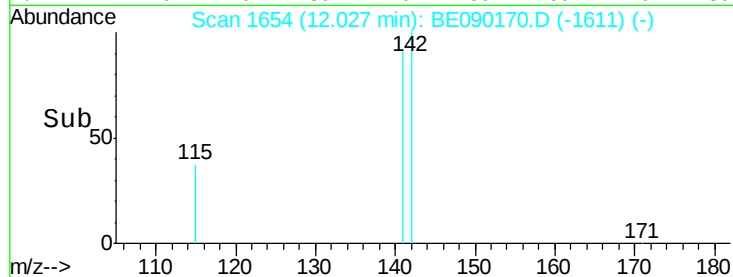
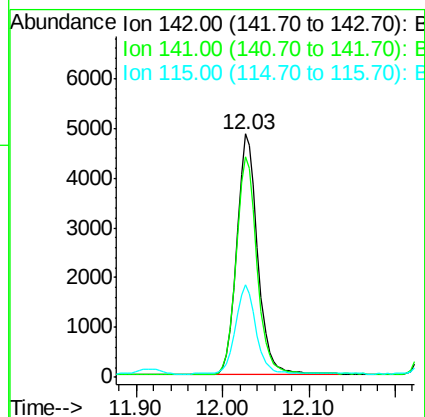
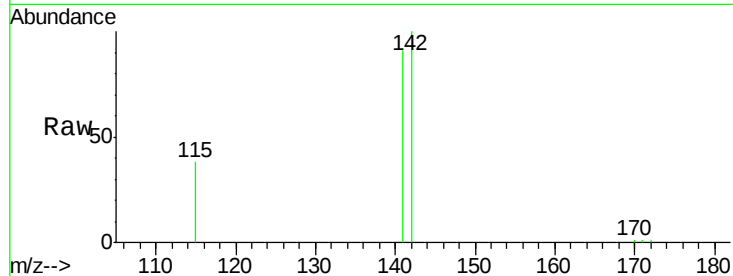




#11
2-Methylnaphthalene
Concen: 1.12 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE090170.D
Acq: 18 Jul 2015 7:12

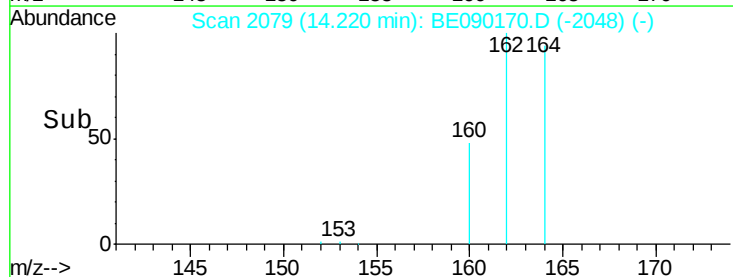
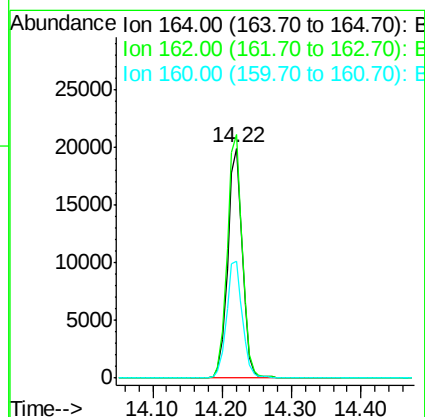
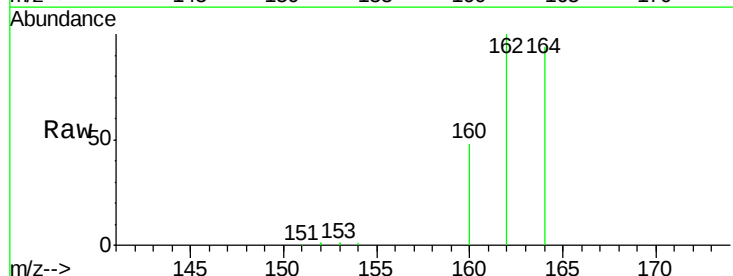
Instrument :
BNA_E
ClientSampleId :
MW-01-071515MSD

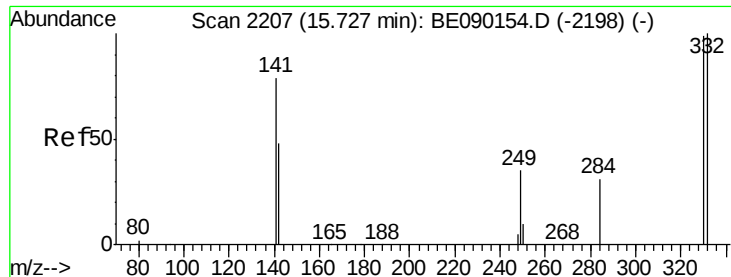
Tgt Ion:142 Resp: 8189
Ion Ratio Lower Upper
142 100
141 90.8 73.9 110.9
115 38.1 30.0 45.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BE090170.D
Acq: 18 Jul 2015 7:12

Tgt Ion:164 Resp: 28922
Ion Ratio Lower Upper
164 100
162 105.8 83.3 124.9
160 50.8 40.9 61.3

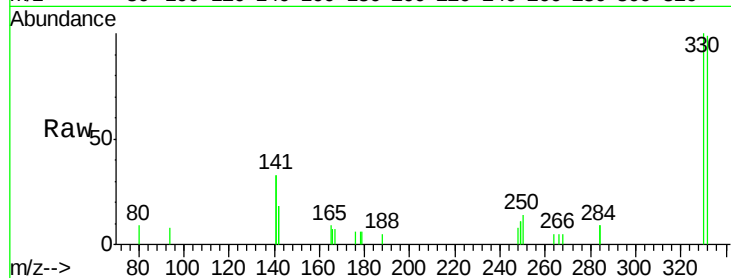




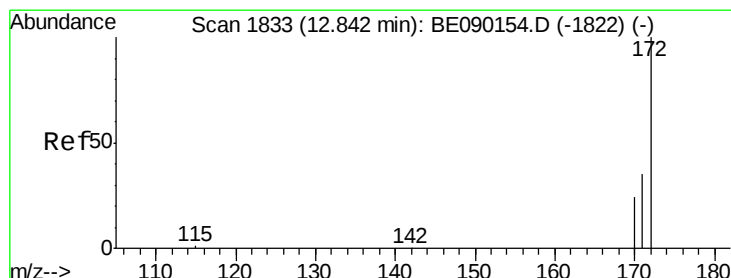
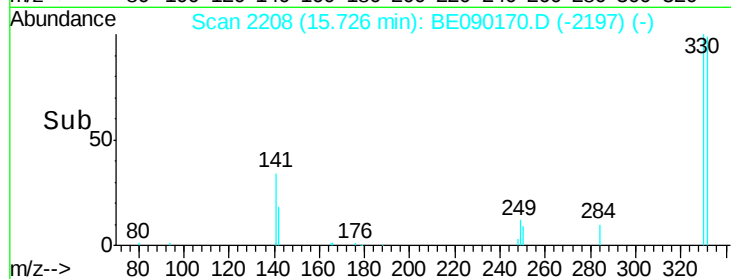
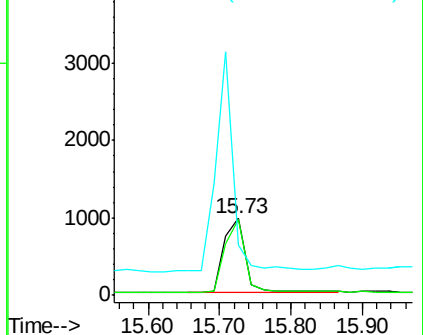
#13
 2,4,6-Tribromophenol
 Concen: 2.84 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE090170.D
 Acq: 18 Jul 2015 7:12

Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515MSD

Tgt Ion: 330 Resp: 1944
 Ion Ratio Lower Upper
 330 100
 332 93.6 78.2 117.2
 141 248.9 215.8 323.6

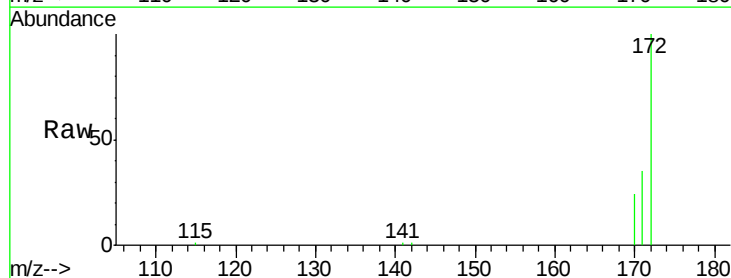


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

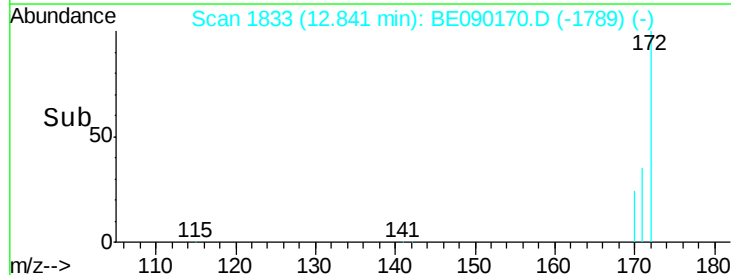
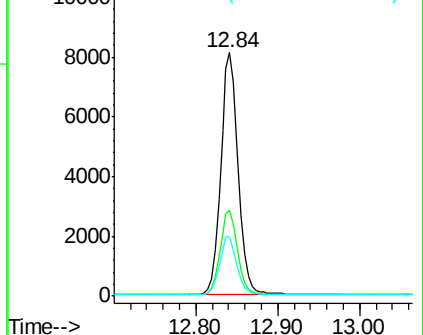


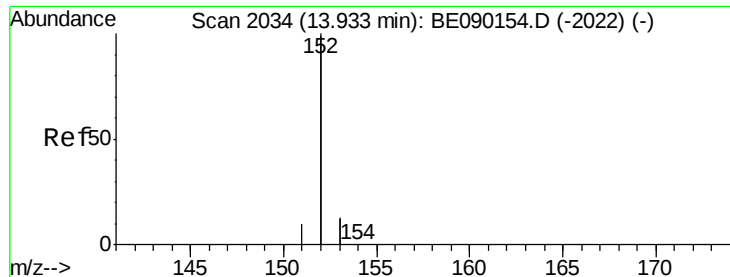
#14
 2-Fluorobiphenyl
 Concen: 1.42 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090170.D
 Acq: 18 Jul 2015 7:12

Tgt Ion: 172 Resp: 12074
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 24.4 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 1.09 ng

RT: 13.93 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

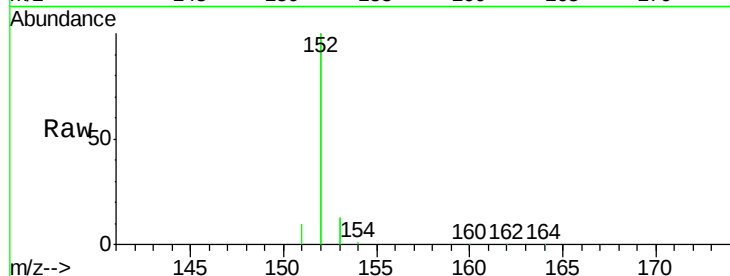
Tgt Ion:152 Resp: 56733

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

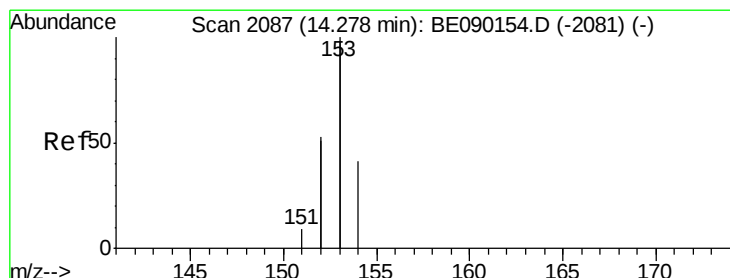
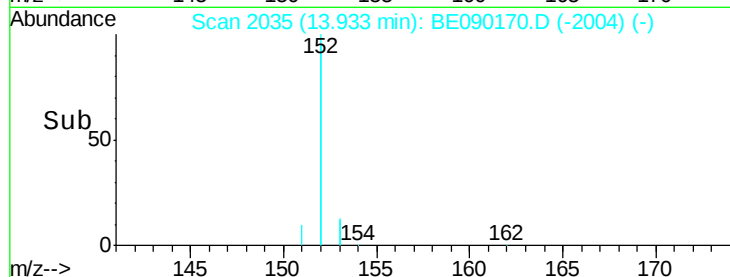
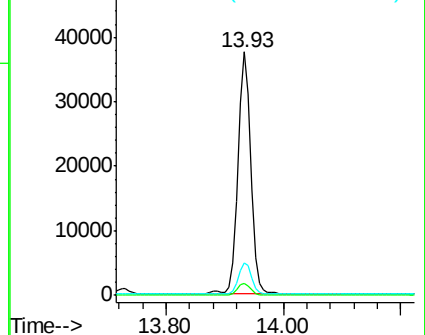
153 13.3 10.4 15.6



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: 1.13 ng

RT: 14.28 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

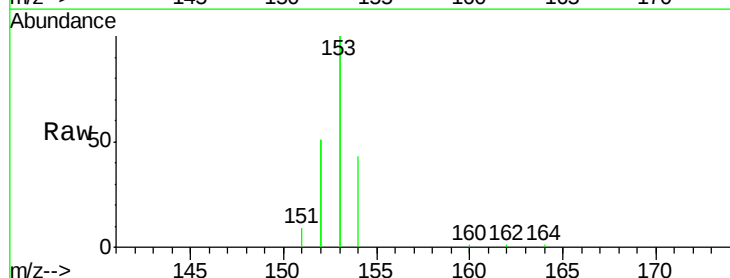
Tgt Ion:154 Resp: 8255

Ion Ratio Lower Upper

154 100

153 471.8 376.9 565.3

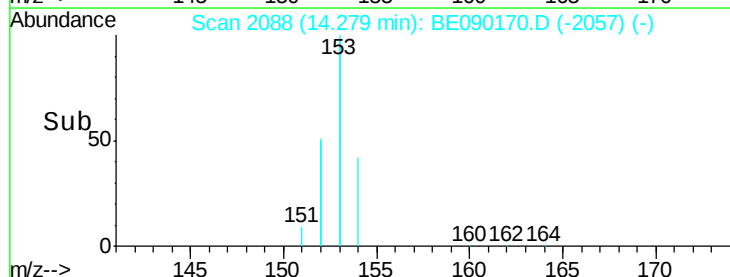
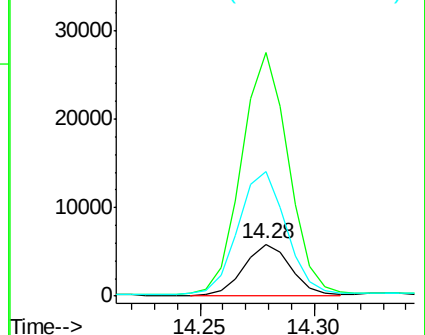
152 246.3 199.0 298.6

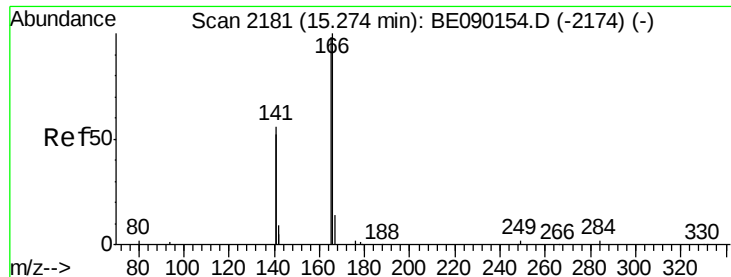


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 1.13 ng

RT: 15.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

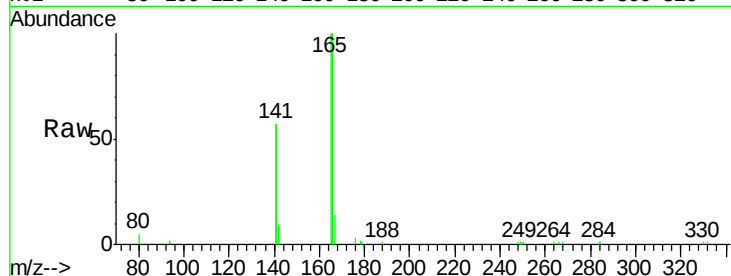
Tgt Ion:166 Resp: 11213

Ion Ratio Lower Upper

166 100

165 103.3 81.5 122.3

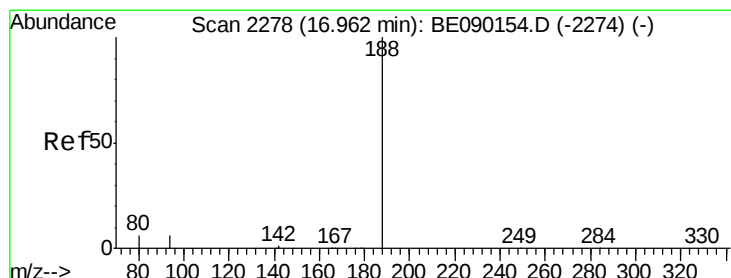
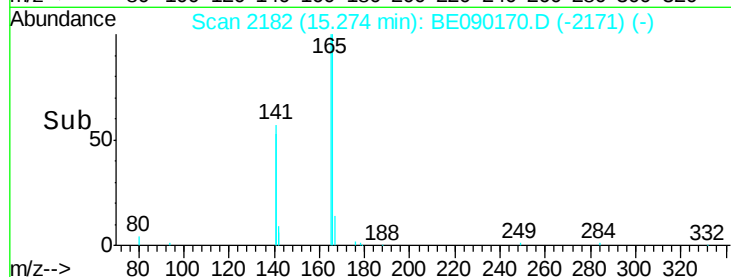
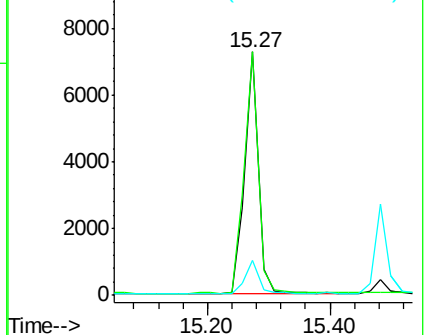
167 13.9 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

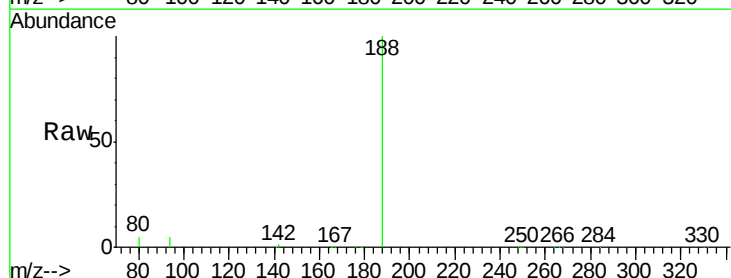
Tgt Ion:188 Resp: 71957

Ion Ratio Lower Upper

188 100

94 5.5 4.6 7.0

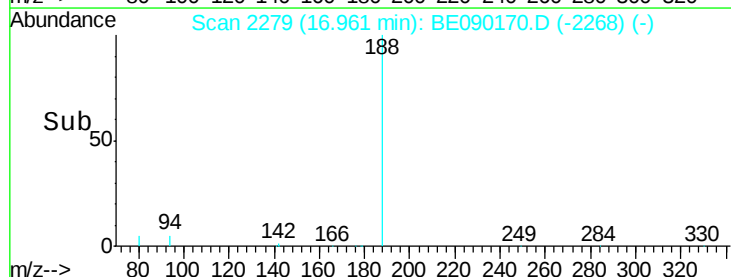
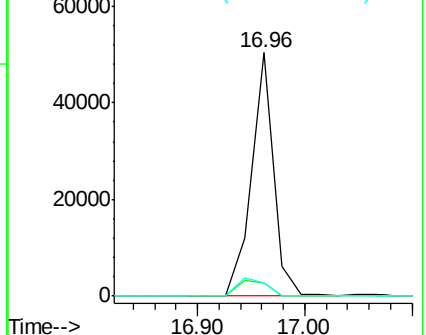
80 5.5 4.6 6.8

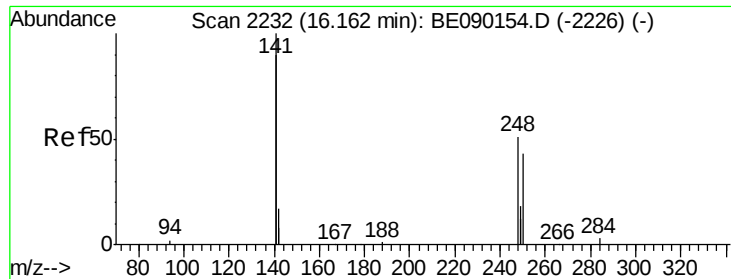


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

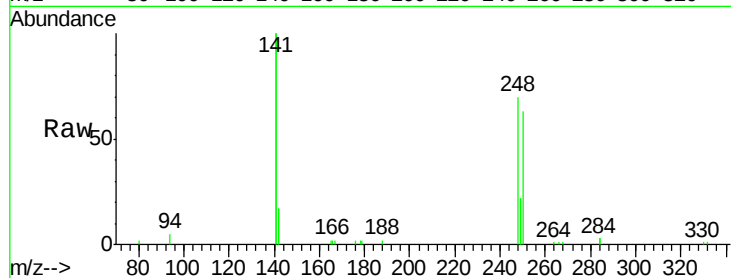




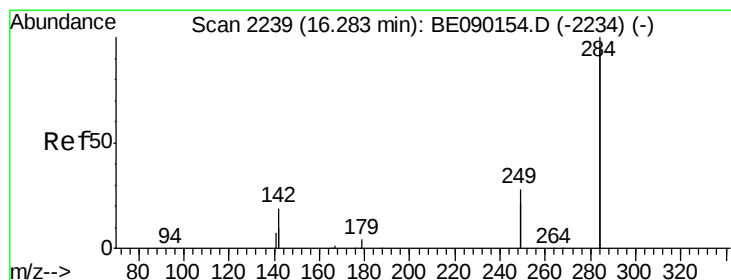
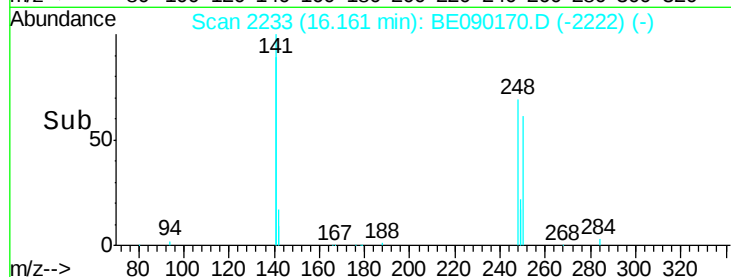
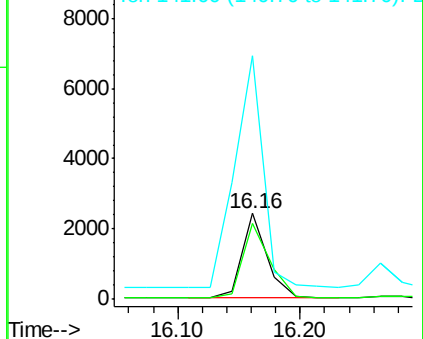
#19
4-Bromophenyl-phenylether
Concen: 1.25 ng
RT: 16.16 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE090170.D
Acq: 18 Jul 2015 7:12

Instrument :
BNA_E
ClientSampleId :
MW-01-071515MSD

Tgt Ion:248 Resp: 3356
Ion Ratio Lower Upper
248 100
250 96.9 77.4 116.0
141 317.8 281.3 421.9

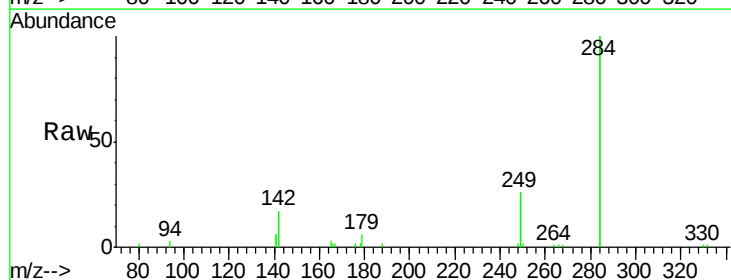


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

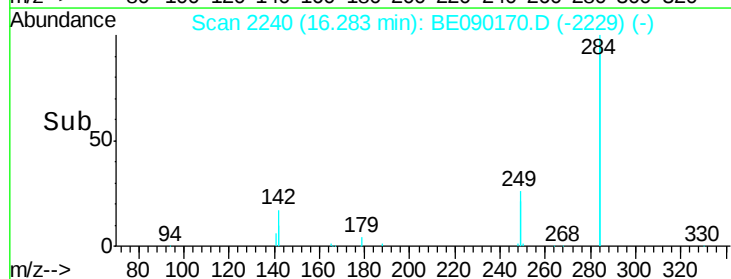
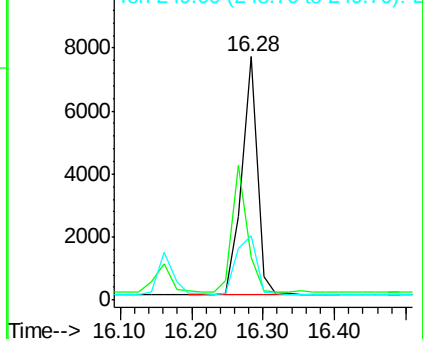


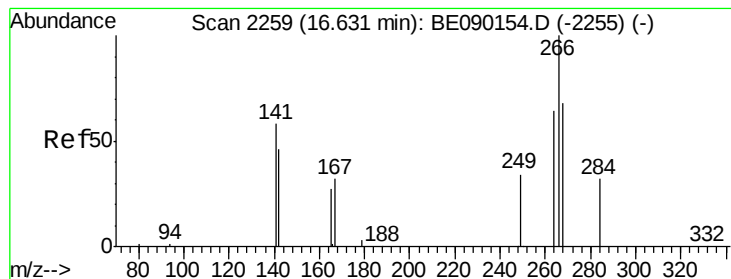
#20
Hexachlorobenzene
Concen: 1.18 ng
RT: 16.28 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE090170.D
Acq: 18 Jul 2015 7:12

Tgt Ion:284 Resp: 11179
Ion Ratio Lower Upper
284 100
142 51.5 42.2 63.2
249 32.4 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: 2.39 ng

RT: 16.61 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

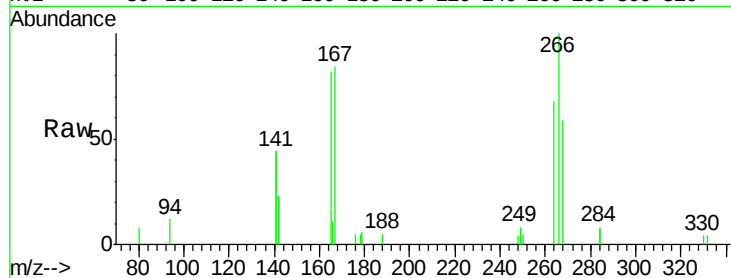
Tgt Ion:266 Resp: 2676

Ion Ratio Lower Upper

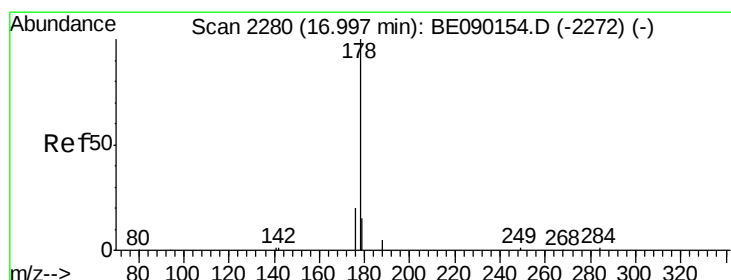
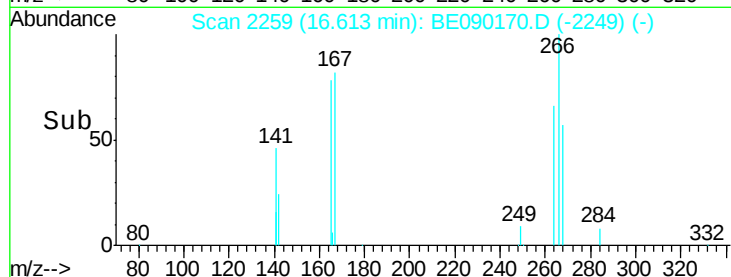
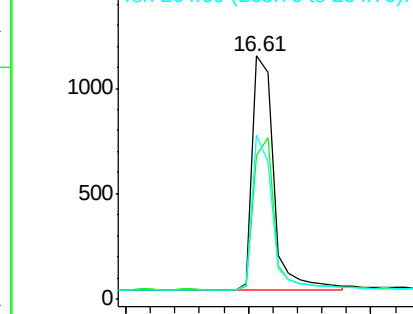
266 100

268 59.2 58.2 87.4

264 67.7 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: 1.23 ng

RT: 17.00 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

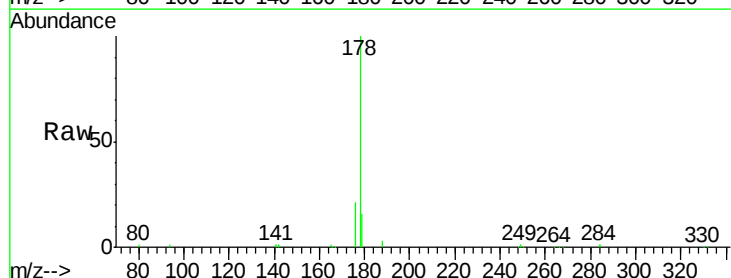
Tgt Ion:178 Resp: 19804

Ion Ratio Lower Upper

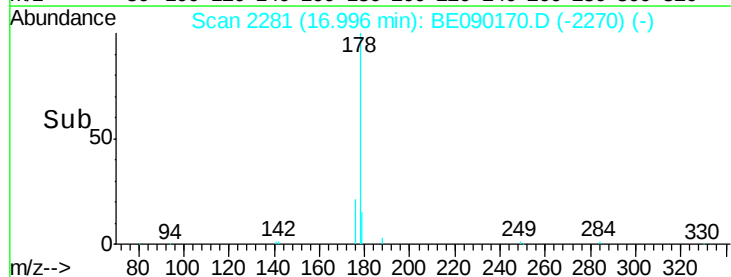
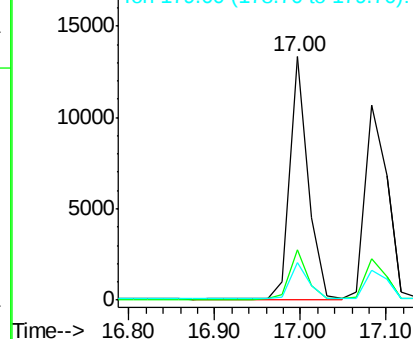
178 100

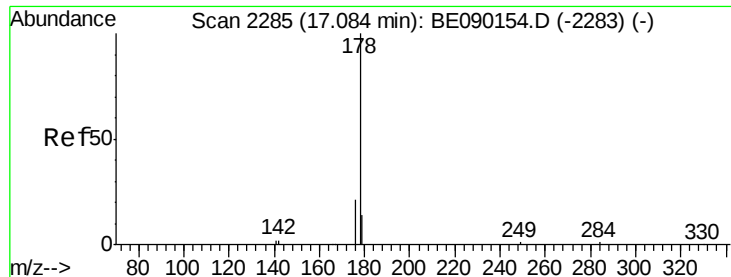
176 19.8 15.9 23.9

179 15.7 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: 1.28 ng

RT: 17.08 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

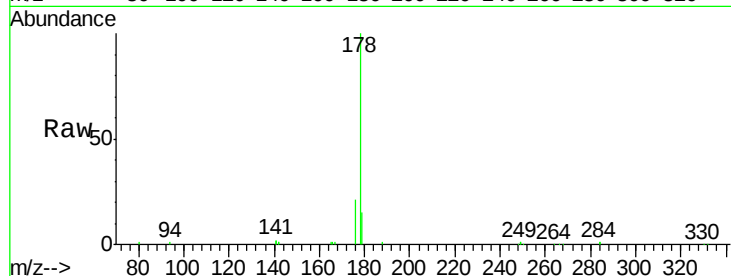
Tgt Ion:178 Resp: 19137

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

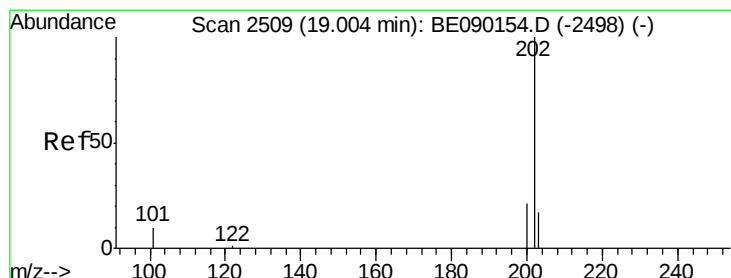
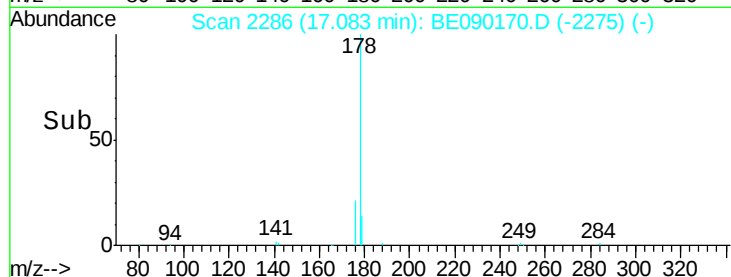
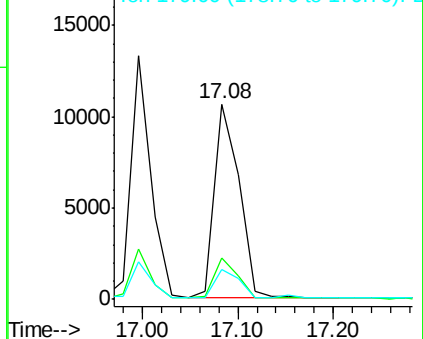
179 15.0 12.2 18.2



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: 1.30 ng

RT: 19.00 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

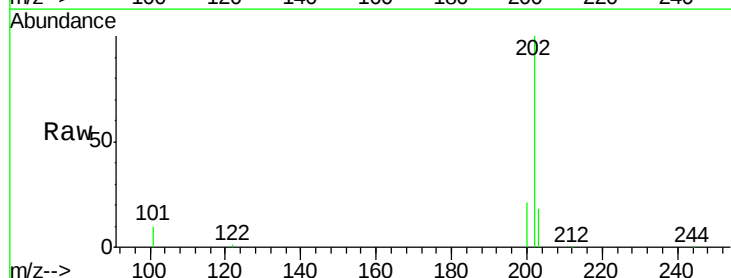
Tgt Ion:202 Resp: 23587

Ion Ratio Lower Upper

202 100

101 10.6 8.5 12.7

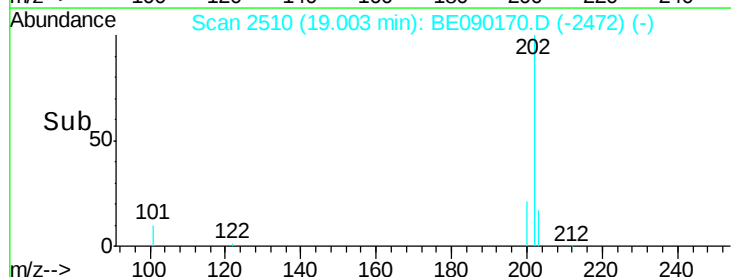
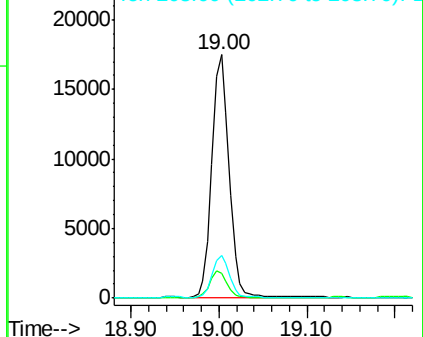
203 17.2 13.9 20.9

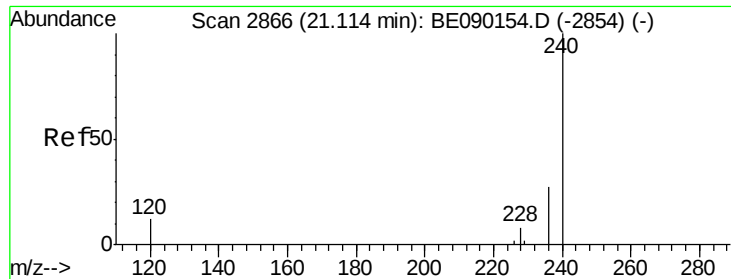


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2868

Delta R.T. 0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

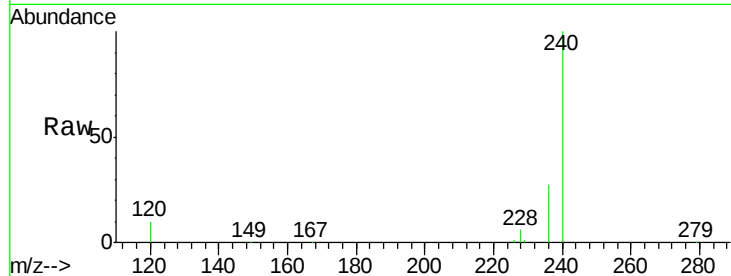
Tgt Ion:240 Resp: 83246

Ion Ratio Lower Upper

240 100

120 9.7 9.4 14.0

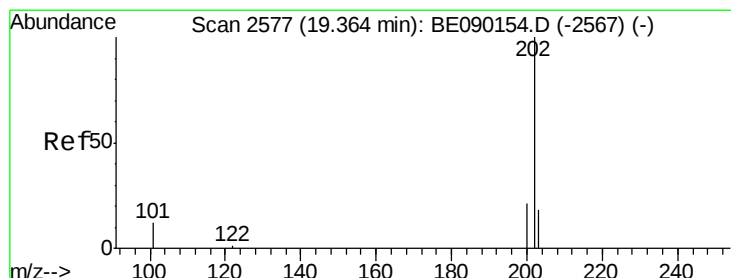
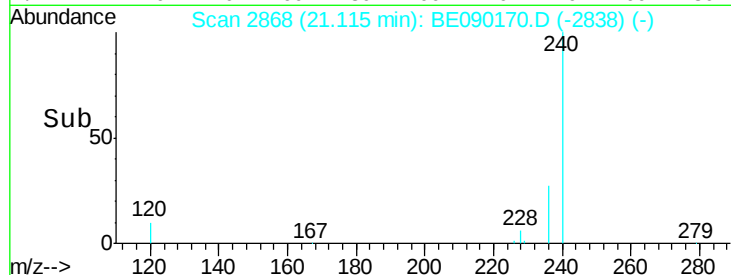
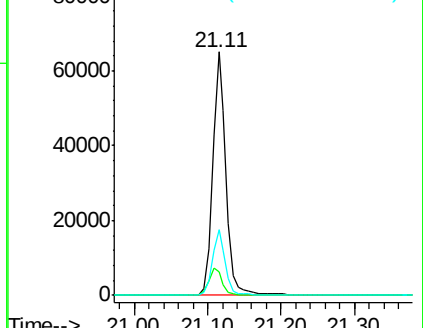
236 26.8 21.8 32.8



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: 1.33 ng

RT: 19.36 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

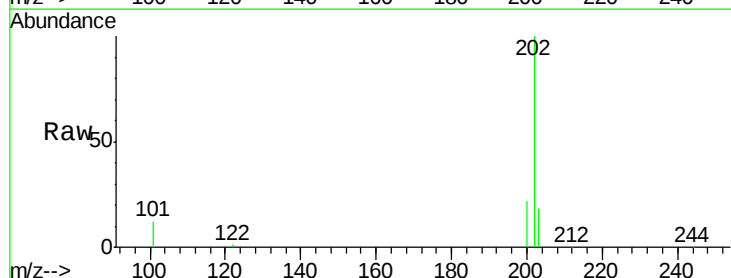
Tgt Ion:202 Resp: 25089

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

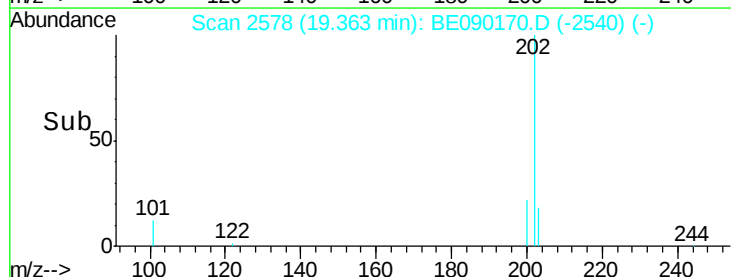
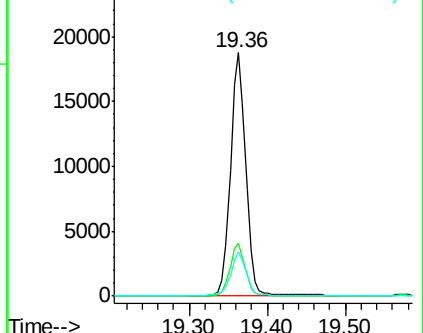
203 18.1 14.1 21.1

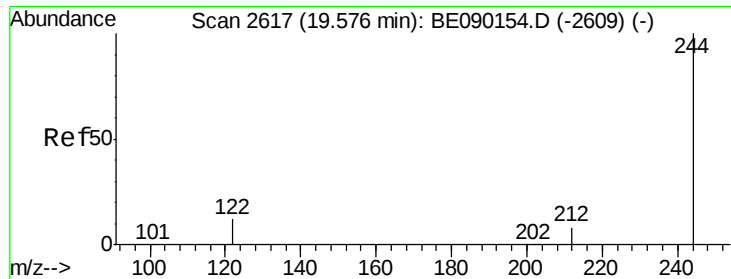


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

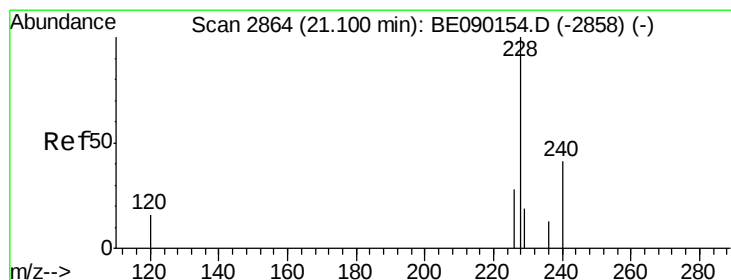
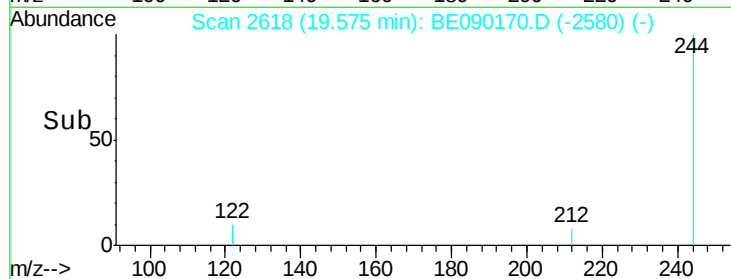
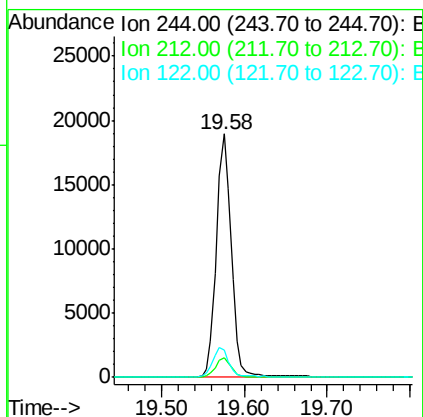
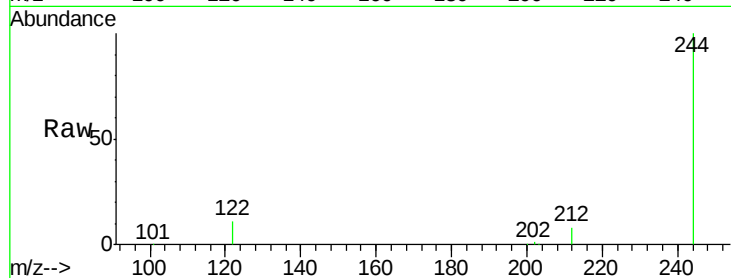




#27
 Terphenyl-d14
 Concen: 1.69 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BE090170.D
 Acq: 18 Jul 2015 7:12

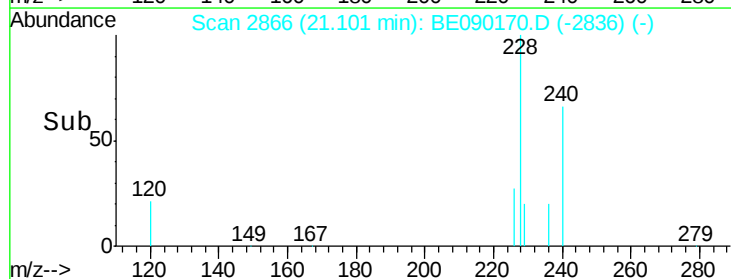
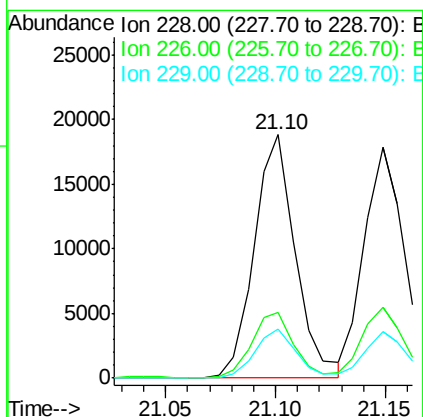
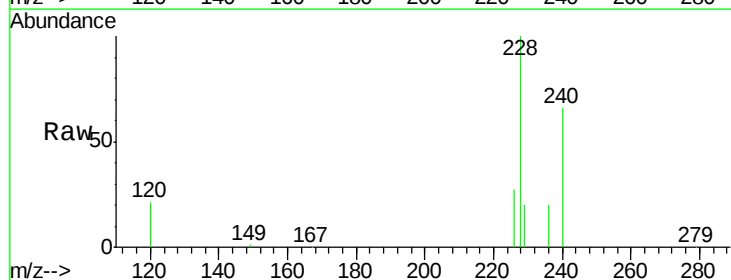
Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515MSD

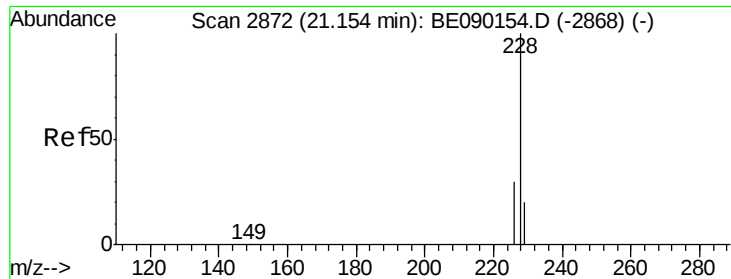
Tgt Ion: 244 Resp: 23501
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 11.0 9.8 14.6



#28
 Benzo(a)anthracene
 Concen: 1.28 ng
 RT: 21.10 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BE090170.D
 Acq: 18 Jul 2015 7:12

Tgt Ion: 228 Resp: 24365
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.2 33.4
 229 20.1 15.7 23.5





#29

Chrysene

Concen: 1.24 ng

RT: 21.15 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

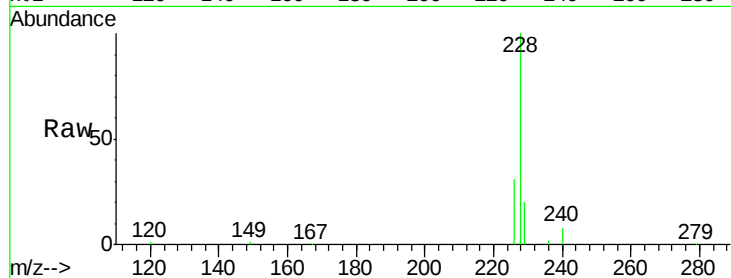
Tgt Ion:228 Resp: 23936

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

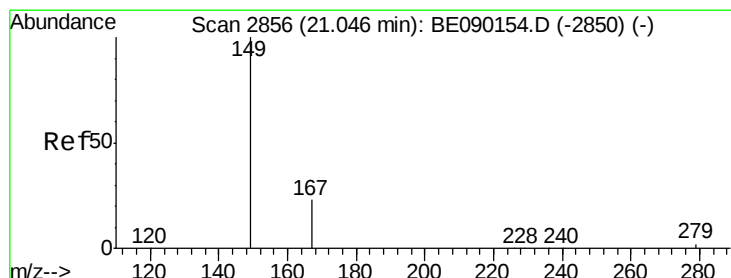
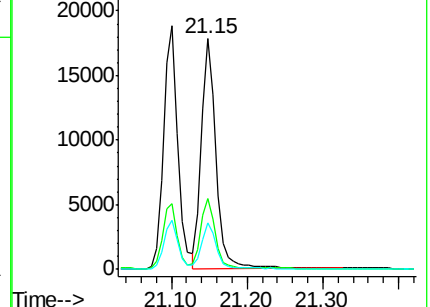
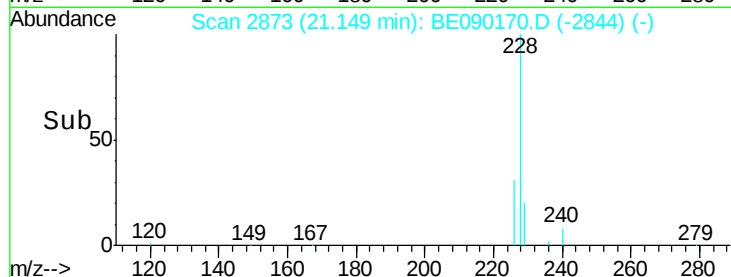
229 20.0 16.5 24.7



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: 1.58 ng

RT: 21.05 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

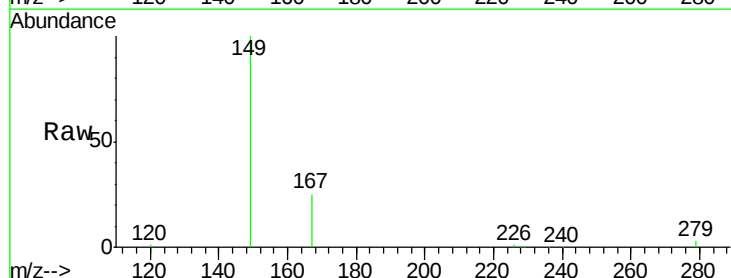
Tgt Ion:149 Resp: 15461

Ion Ratio Lower Upper

149 100

167 23.5 18.6 28.0

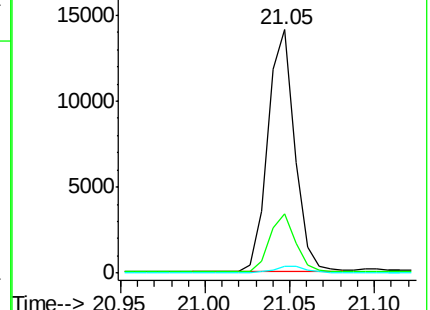
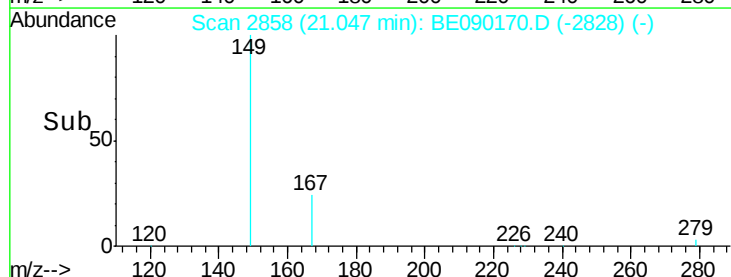
279 2.8 2.2 3.4

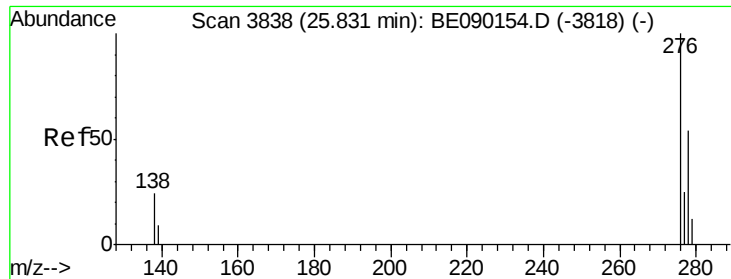


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.16 ng

RT: 25.82 min Scan# 3837

Delta R.T. -0.01 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

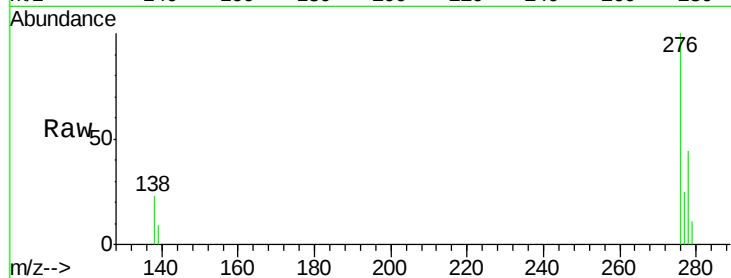
Tgt Ion:276 Resp: 26082

Ion Ratio Lower Upper

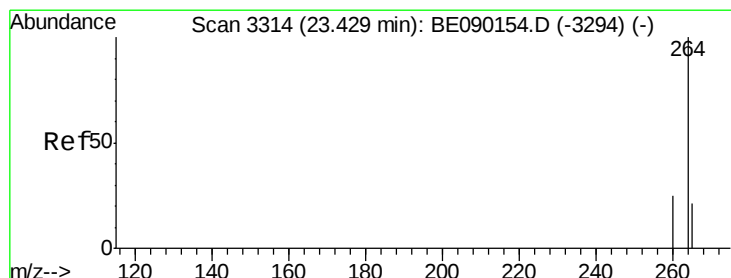
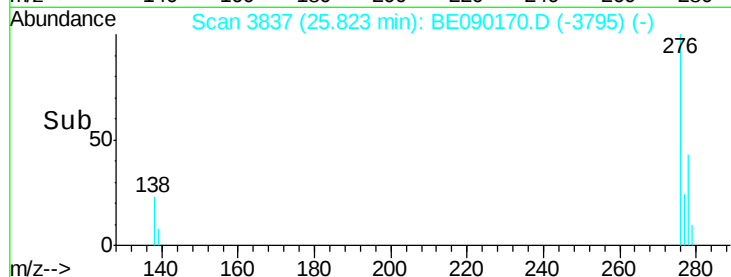
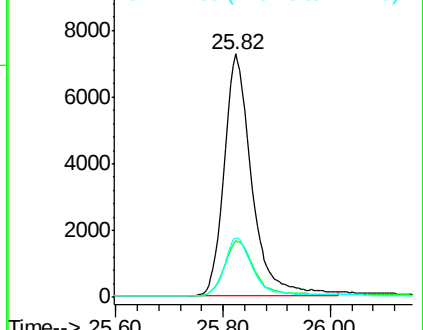
276 100

138 24.2 19.5 29.3

277 24.4 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: BE090170.D

Acq: 18 Jul 2015 7:12

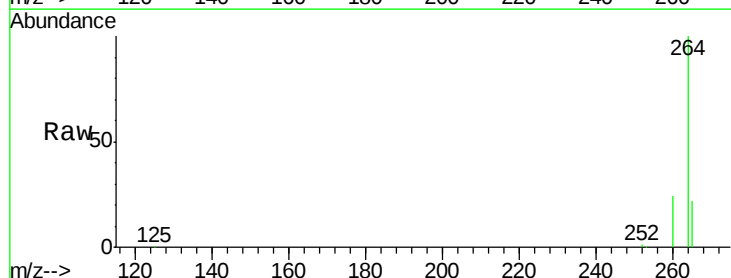
Tgt Ion:264 Resp: 82205

Ion Ratio Lower Upper

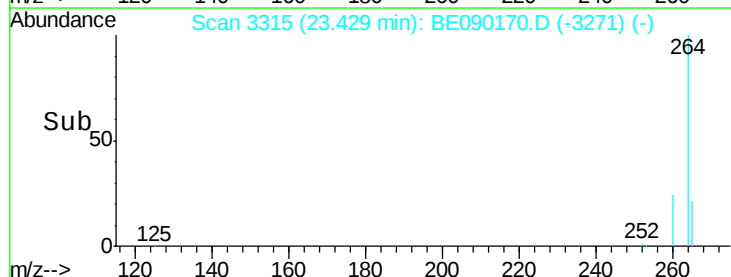
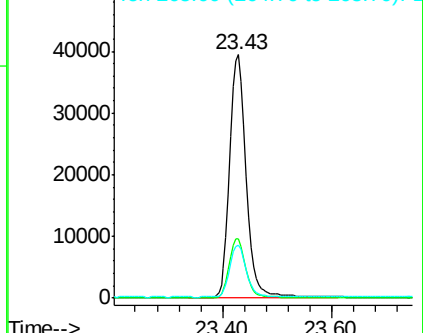
264 100

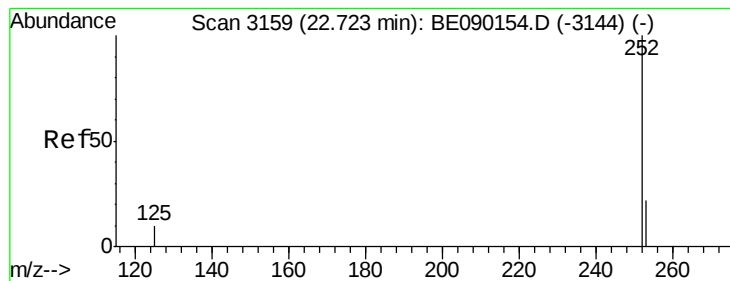
260 24.5 19.8 29.8

265 21.9 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: 1.33 ng

RT: 22.72 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

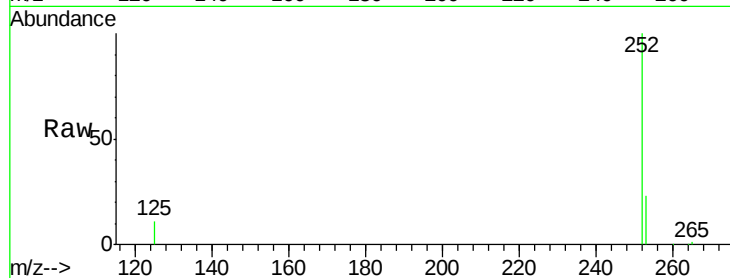
Tgt Ion: 252 Resp: 22801

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

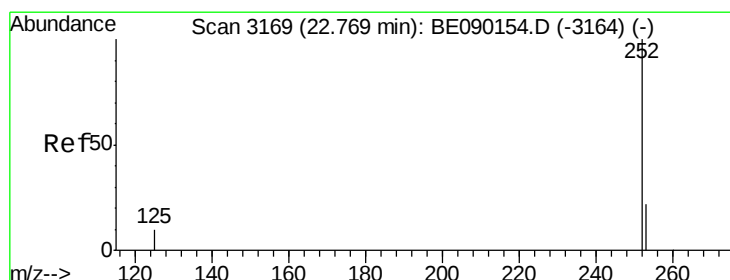
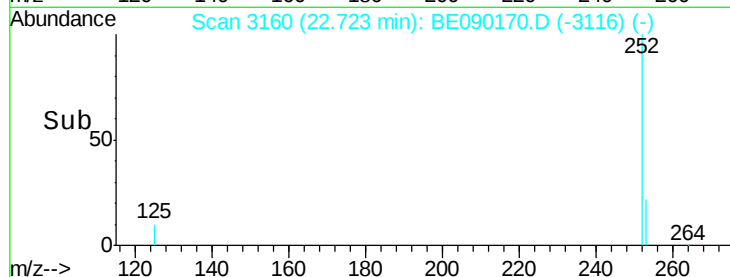
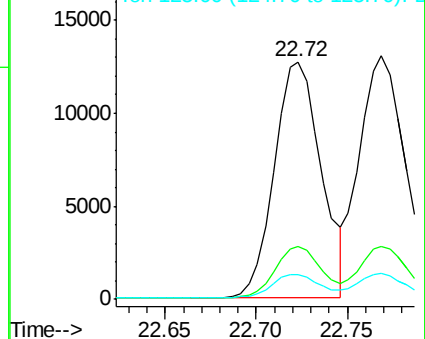
125 10.5 8.7 13.1



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: 1.28 ng

RT: 22.77 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

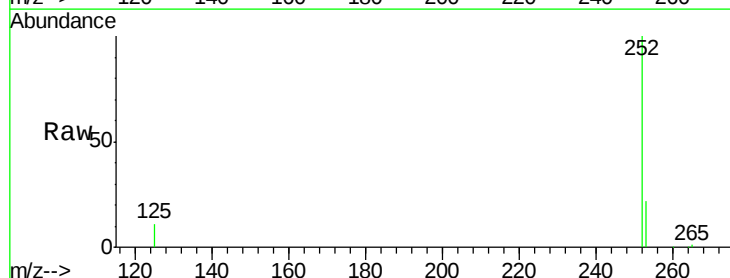
Tgt Ion: 252 Resp: 25083

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

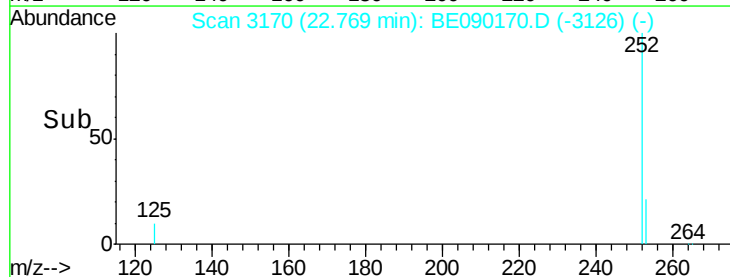
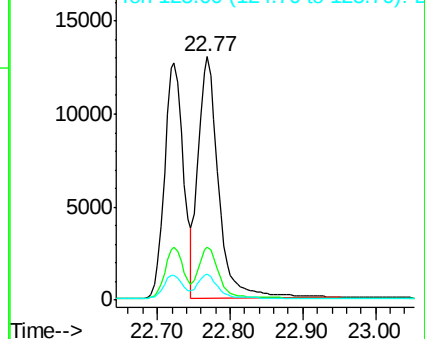
125 10.7 8.7 13.1

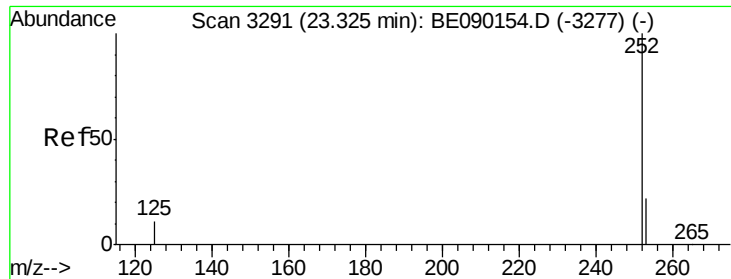


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.32 ng

RT: 23.32 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD

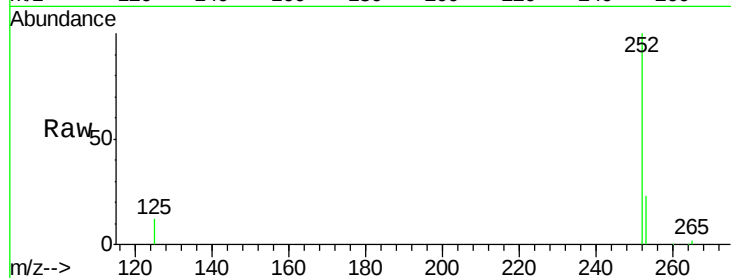
Tgt Ion: 252 Resp: 21931

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

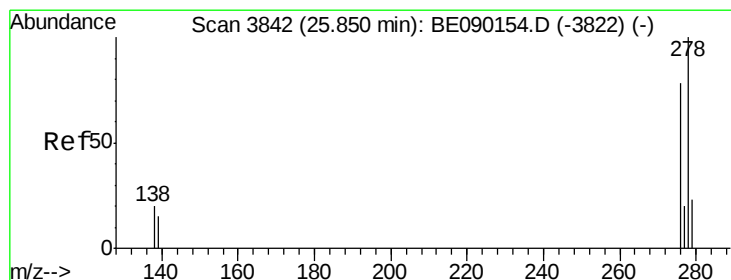
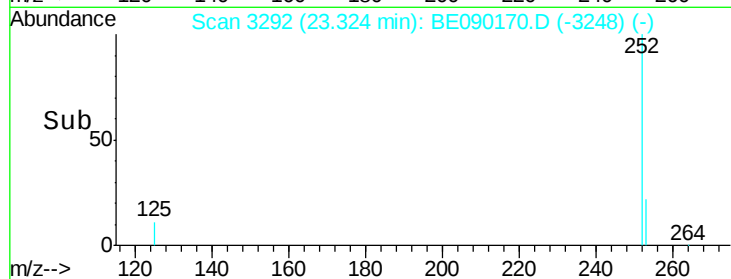
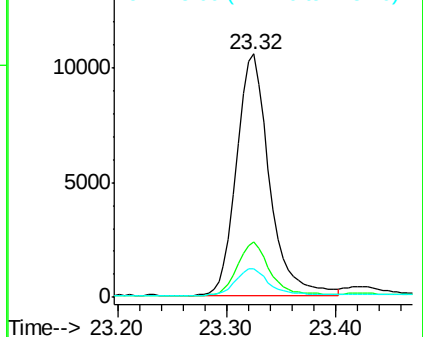
125 11.6 9.4 14.0



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: 1.21 ng

RT: 25.85 min Scan# 3842

Delta R.T. -0.00 min

Lab File: BE090170.D

Acq: 18 Jul 2015 7:12

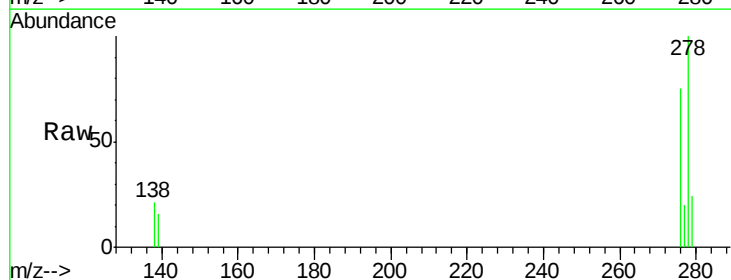
Tgt Ion: 278 Resp: 21191

Ion Ratio Lower Upper

278 100

139 15.9 12.9 19.3

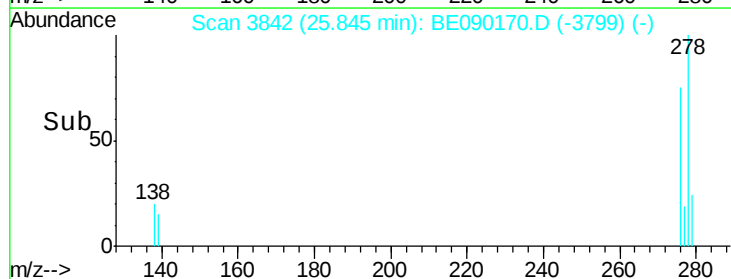
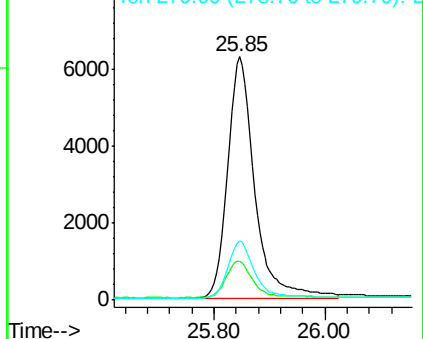
279 24.5 19.3 28.9

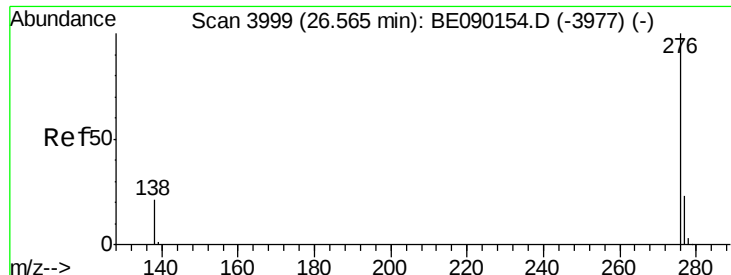


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.22 ng

RT: 26.56 min Scan# 3999

Delta R.T. -0.00 min

Lab File: BE090170.D

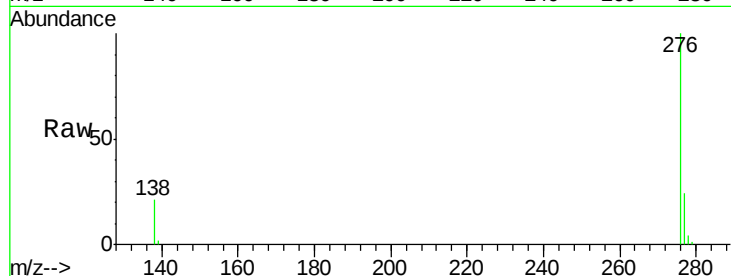
Acq: 18 Jul 2015 7:12

Instrument :

BNA_E

ClientSampleId :

MW-01-071515MSD



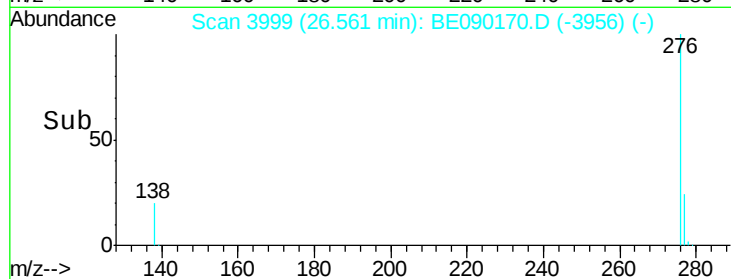
Tgt Ion: 276 Resp: 22147

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 21.2 17.2 25.8



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

