

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090146.D
 Acq On : 17 Jul 2015 8:18
 Operator : TP/IZ
 Sample : G3009-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-DUP-01-071515

Quant Time: Jul 17 13:19:22 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 12:59:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	15723	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	72741	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	42135	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	91221	5.00	ng	0.00
25) Chrysene-d12	21.12	240	101372	5.00	ng	0.00
32) Perylene-d12	23.43	264	92152	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	6710	1.99	ng	0.00
5) Phenol-d6	6.80	99	6194	1.30	ng	0.00
7) Nitrobenzene-d5	8.75	82	14673	2.72	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	8660	7.09	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	33844	2.61	ng	0.00
27) Terphenyl-d14	19.58	244	59357	3.49	ng	0.00

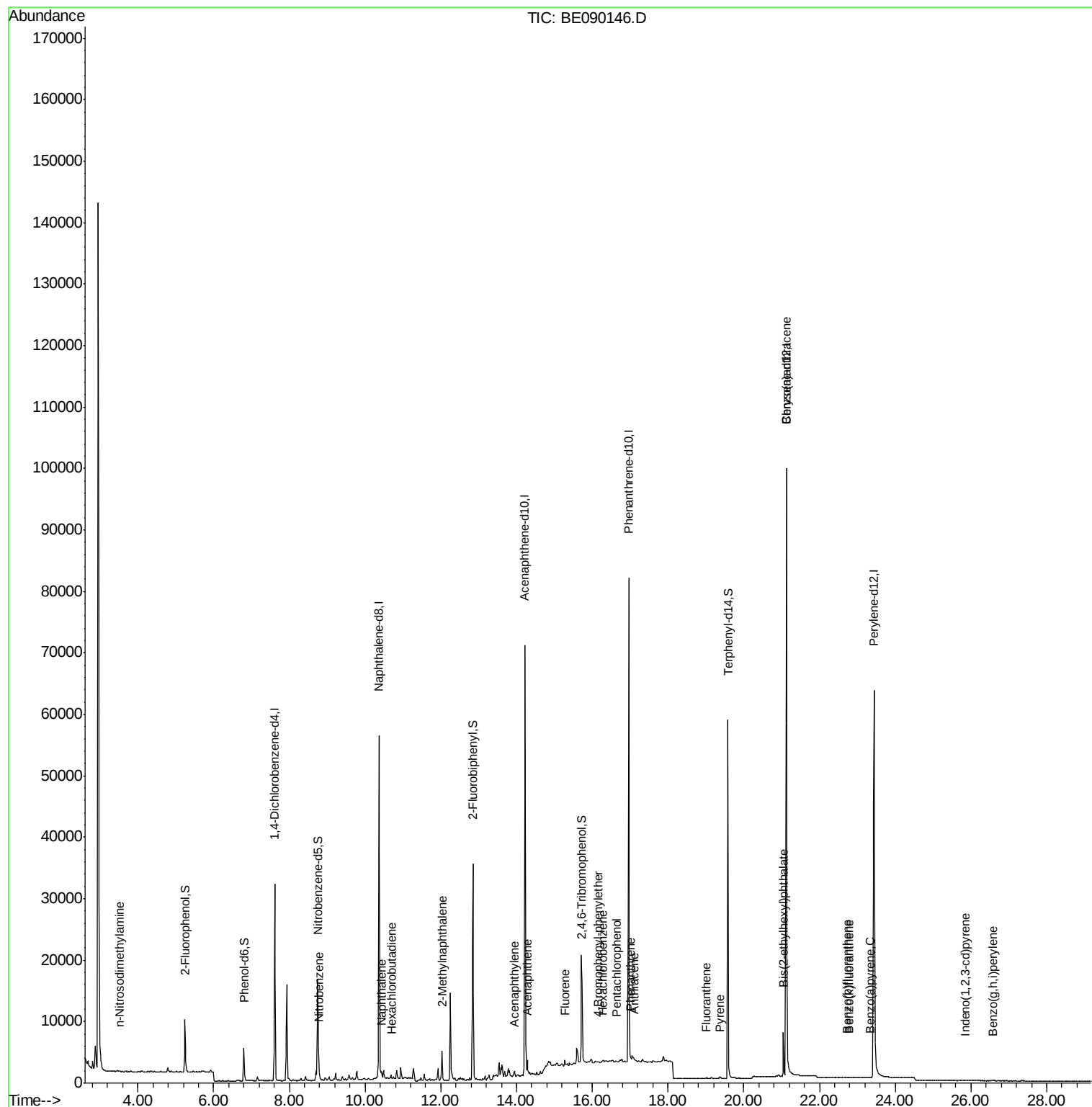
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	63	Below Cal	#	17
3) n-Nitrosodimethylamine	3.51	42	19	0.01	ng	15
8) Nitrobenzene	8.79	77	842	0.15	ng	5
9) Naphthalene	10.42	128	873	0.05	ng	1
10) Hexachlorobutadiene	10.71	225	4	0.00	ng	35
11) 2-Methylnaphthalene	12.03	142	3472	0.33	ng	97
15) Acenaphthylene	13.94	152	721	0.01	ng	1
16) Acenaphthene	14.28	154	427	0.04	ng	85
17) Fluorene	15.27	166	574	0.04	ng	65
19) 4-Bromophenyl-phenylether	16.16	248	8	0.00	ng	1
20) Hexachlorobenzene	16.28	284	19	0.00	ng	1
21) Pentachlorophenol	16.63	266	111	0.72	ng	89
22) Phenanthrene	17.00	178	283	0.01	ng	66
23) Anthracene	17.10	178	300	0.01	ng	74
24) Fluoranthene	19.00	202	247	0.01	ng	82
26) Pyrene	19.36	202	278	0.01	ng	91
28) Benzo(a)anthracene	21.11	228	381	0.02	ng	58
29) Chrysene	21.11	228	381	Below Cal	#	63
30) Bis(2-ethylhexyl)phthalate	21.05	149	6673	1.85	ng	94
31) Indeno(1,2,3-cd)pyrene	25.84	276	105	0.11	ng	72
33) Benzo(b)fluoranthene	22.72	252	83	0.01	ng	1
34) Benzo(k)fluoranthene	22.77	252	72	0.18	ng	1
35) Benzo(a)pyrene	23.33	252	51	0.40	ng	1
36) Dibenzo(a,h)anthracene	25.86	278	51	Below Cal	#	1
37) Benzo(g,h,i)perylene	26.56	276	125	0.37	ng	1

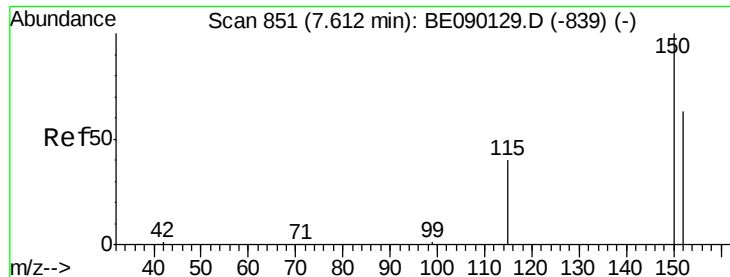
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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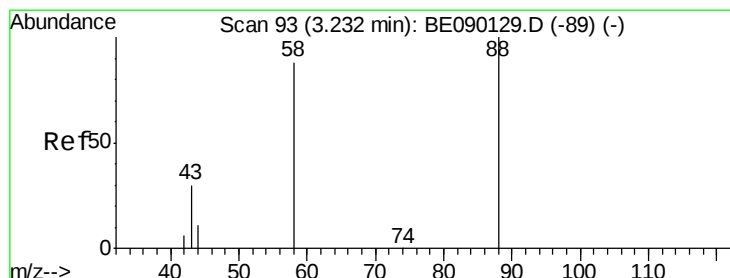
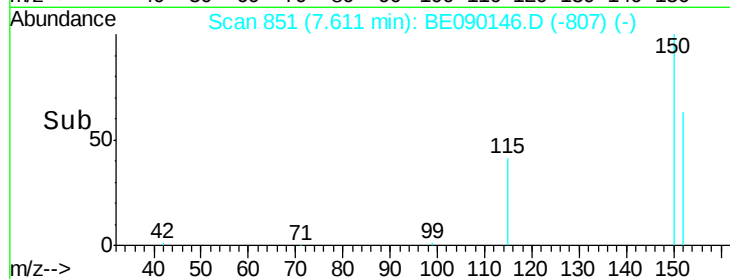
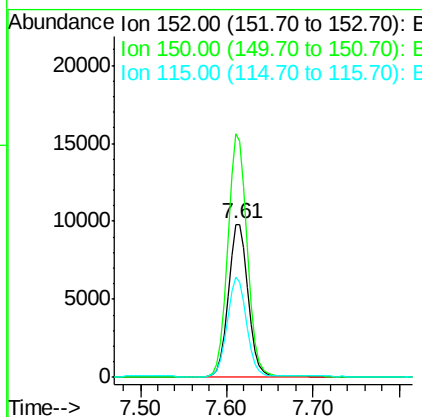
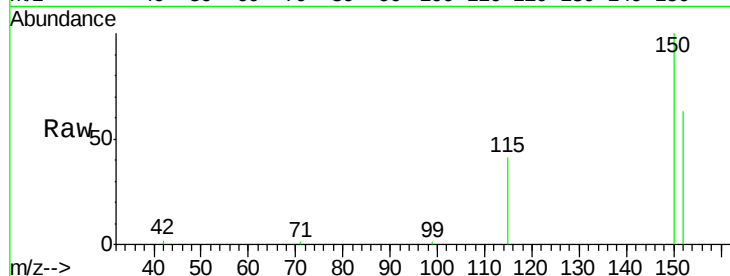




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BE090146.D
 Acq: 17 Jul 2015 8:18

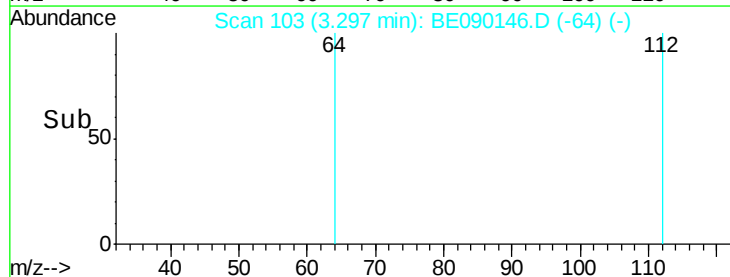
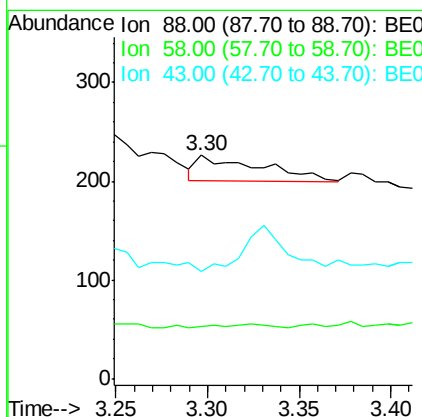
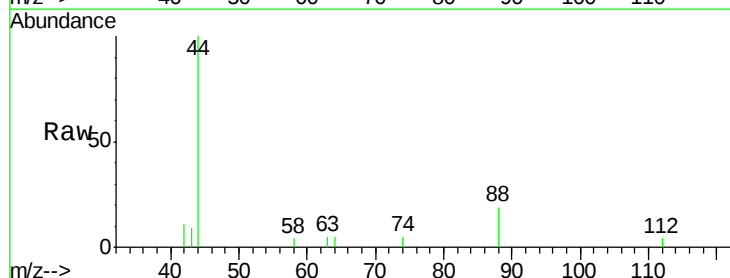
Instrument :
 BNA_E
 ClientSampleId :
 MW-DUP-01-071515

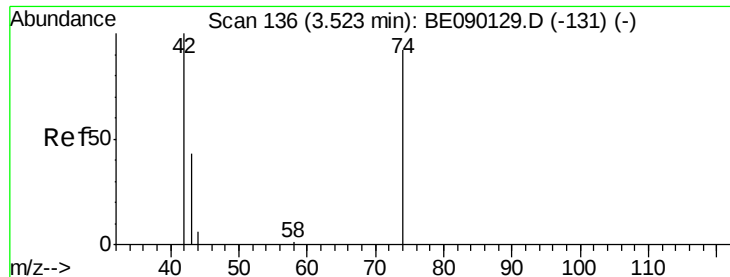
Tgt Ion: 152 Resp: 15723
 Ion Ratio Lower Upper
 152 100
 150 159.2 127.3 190.9
 115 65.3 51.0 76.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.30 min Scan# 103
 Delta R.T. 0.07 min
 Lab File: BE090146.D
 Acq: 17 Jul 2015 8:18

Tgt Ion: 88 Resp: 63
 Ion Ratio Lower Upper
 88 100
 58 0.0 67.0 100.4#
 43 0.0 26.0 39.0#





#3

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 3.51 min Scan# 135

Delta R.T. -0.01 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

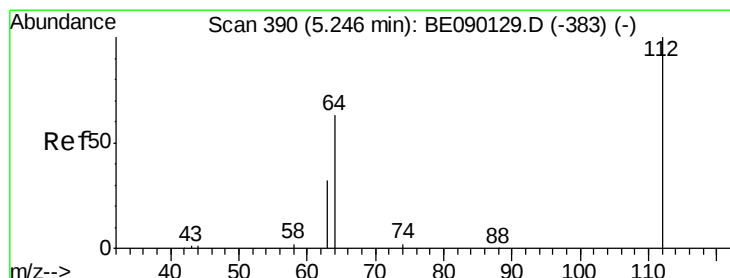
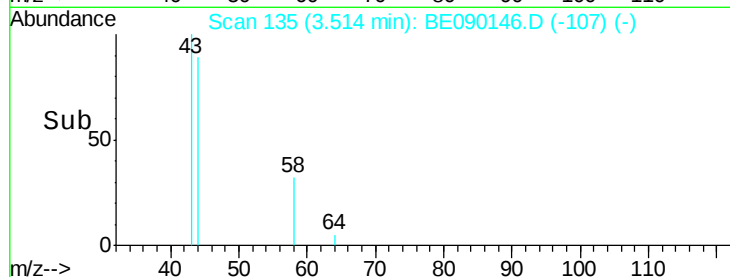
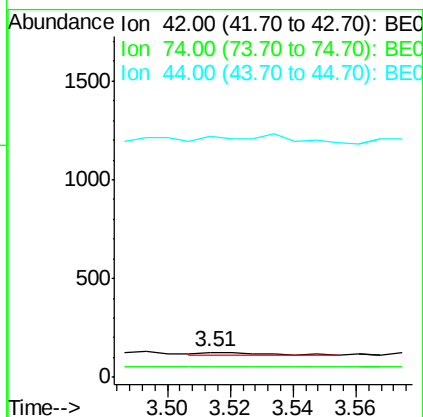
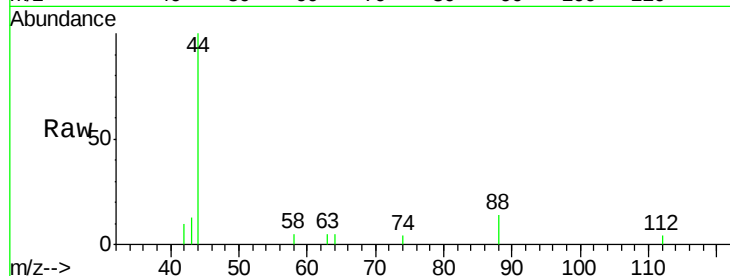
Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

Tgt Ion:	42	Resp:	19
Ion	Ratio	Lower	Upper
42	100		
74	15.8	91.0	136.6#
44	0.0	9.2	13.8#



#4

2-Fluorophenol

Concen: 1.99 ng

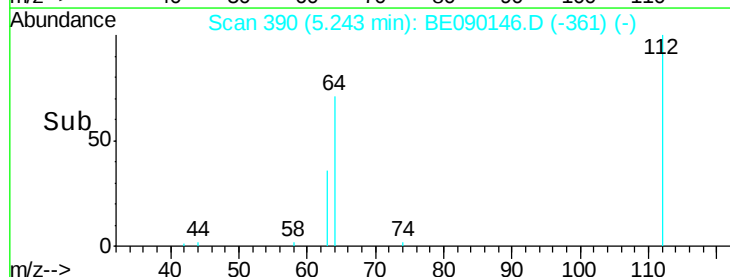
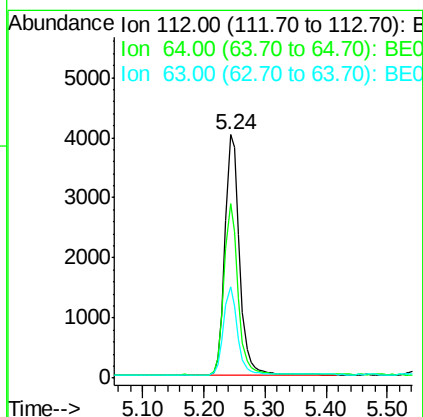
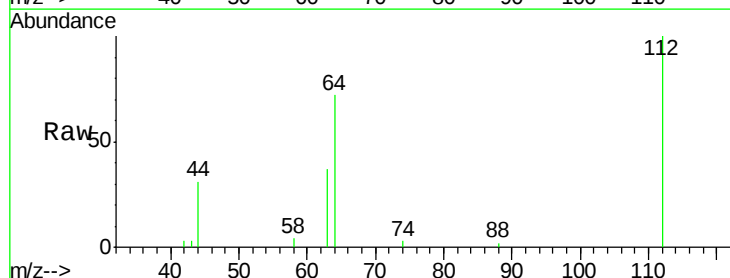
RT: 5.24 min Scan# 390

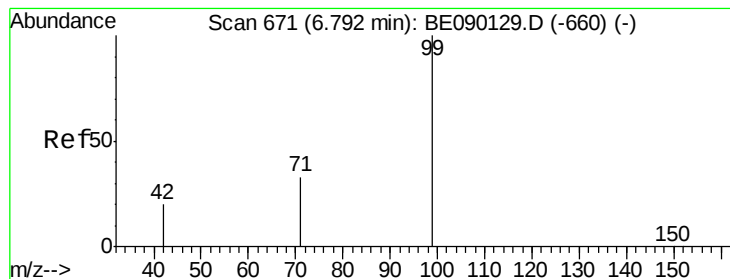
Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Tgt Ion:	112	Resp:	6710
Ion	Ratio	Lower	Upper
112	100		
64	68.1	55.4	83.2
63	34.9	29.3	43.9





#5

Phenol-d6

Concen: 1.30 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

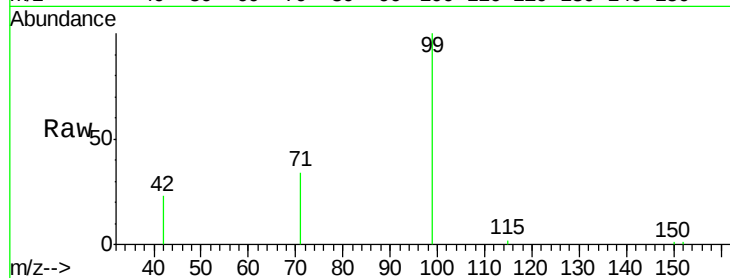
Tgt Ion: 99 Resp: 6194

Ion Ratio Lower Upper

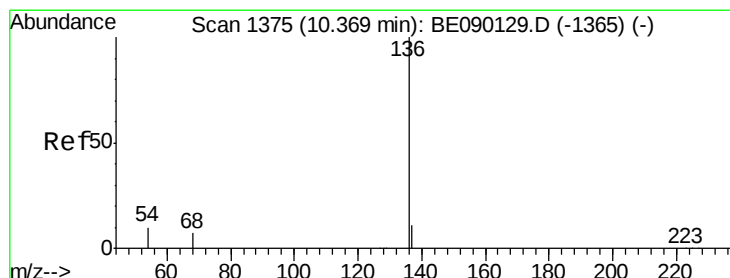
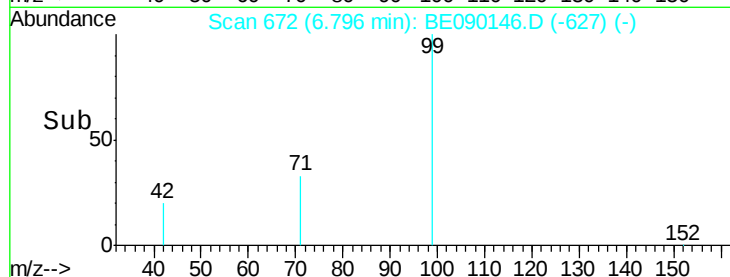
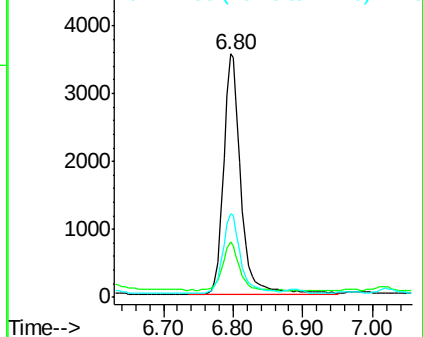
99 100

42 19.5 16.8 25.2

71 34.6 26.6 39.8



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: 10.37 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Tgt Ion: 136 Resp: 72741

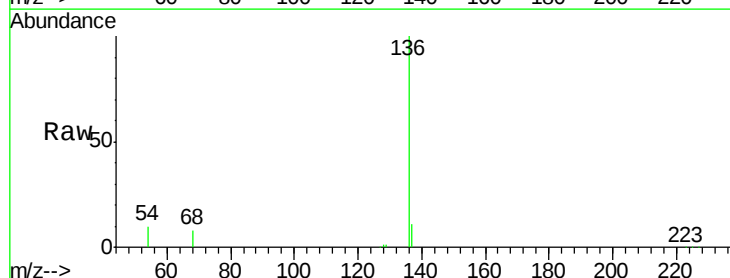
Ion Ratio Lower Upper

136 100

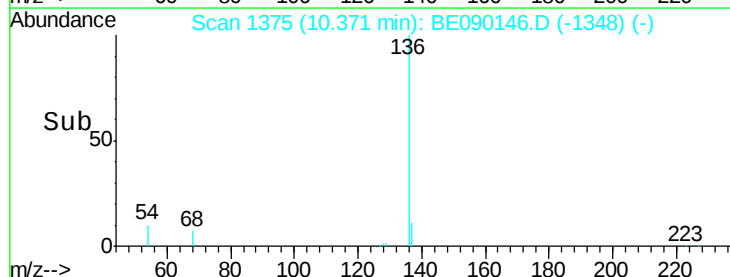
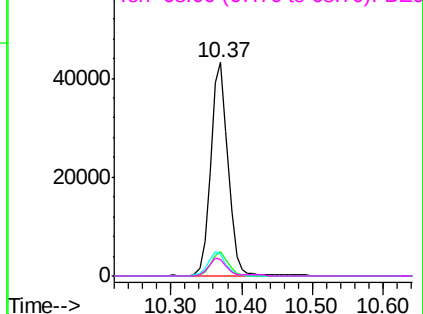
137 11.2 8.9 13.3

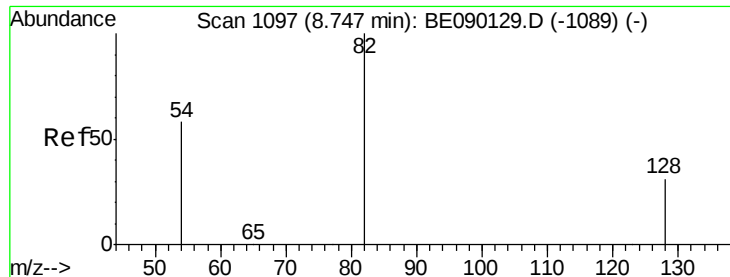
54 10.0 7.8 11.8

68 7.7 5.8 8.8



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





#7

Nitrobenzene-d5

Concen: 2.72 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

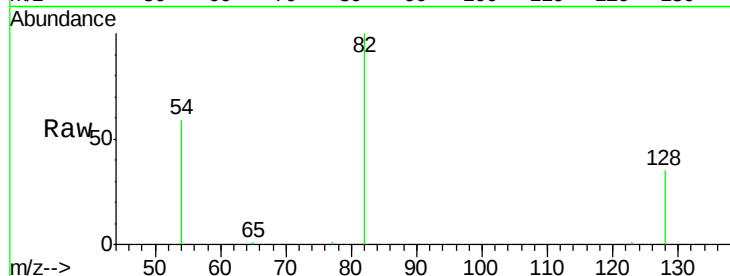
Tgt Ion: 82 Resp: 14673

Ion Ratio Lower Upper

82 100

128 34.7 26.2 39.2

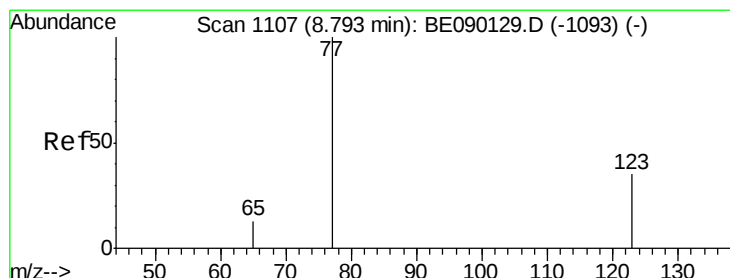
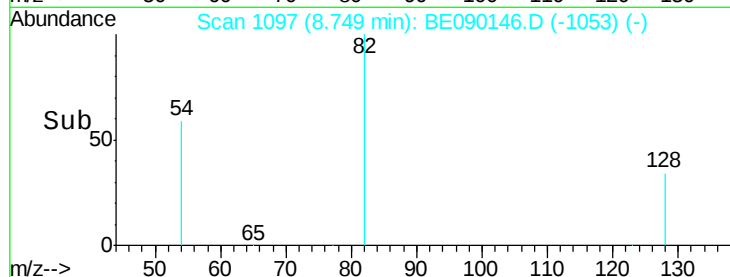
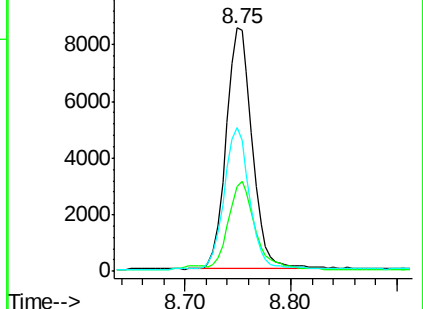
54 59.1 47.1 70.7



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: 0.15 ng

RT: 8.79 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

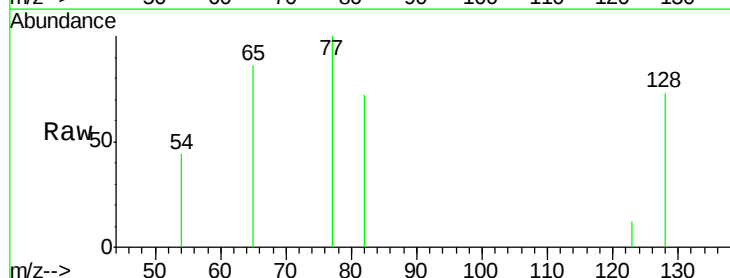
Tgt Ion: 77 Resp: 842

Ion Ratio Lower Upper

77 100

123 0.2 28.5 42.7#

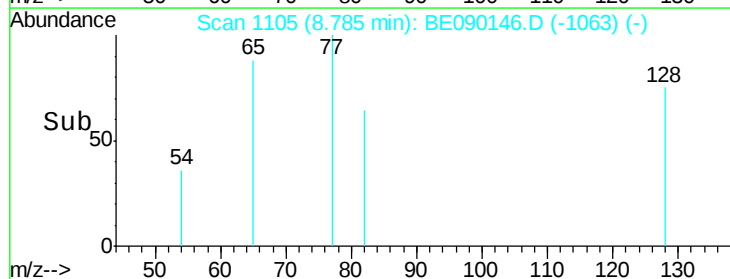
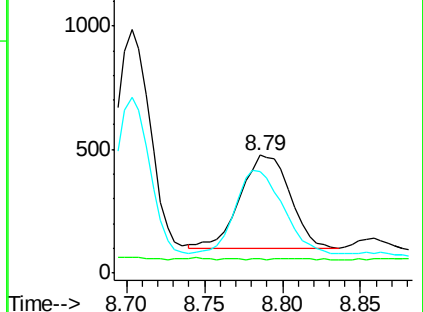
65 88.4 10.2 15.2#

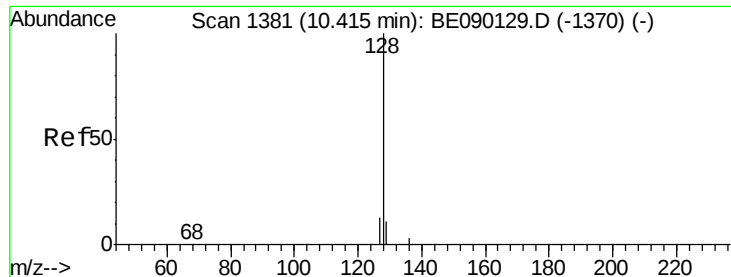


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.05 ng

RT: 10.42 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

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ClientSampleId :

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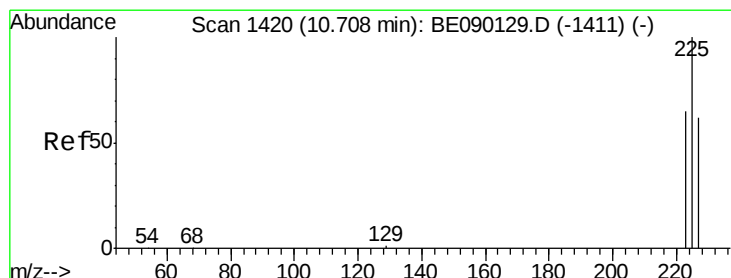
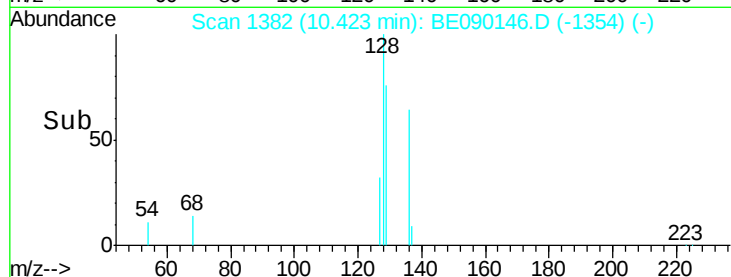
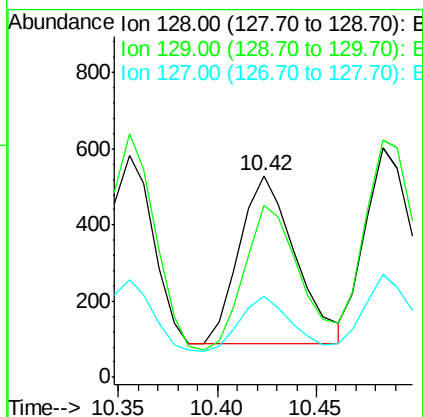
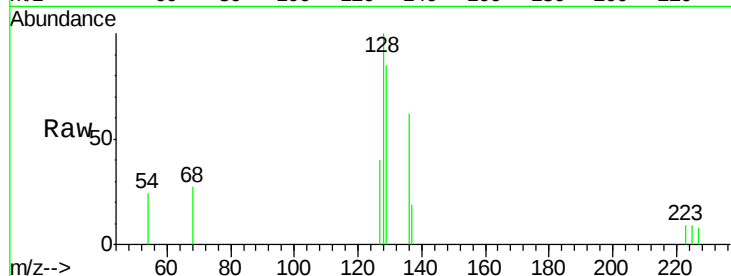
Tgt Ion:128 Resp: 873

Ion Ratio Lower Upper

128 100

129 85.3 9.2 13.8#

127 40.0 10.8 16.2#



#10

Hexachlorobutadiene

Concen: 0.00 ng

RT: 10.71 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

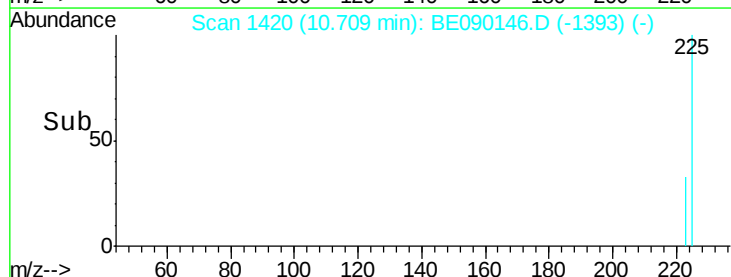
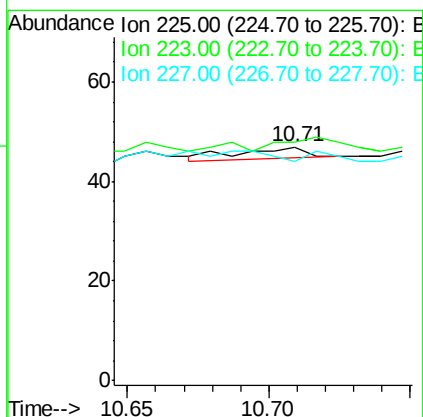
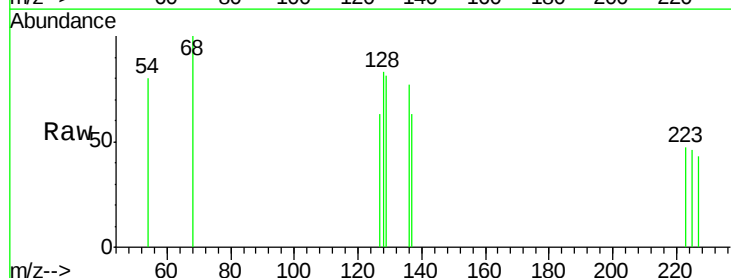
Tgt Ion:225 Resp: 4

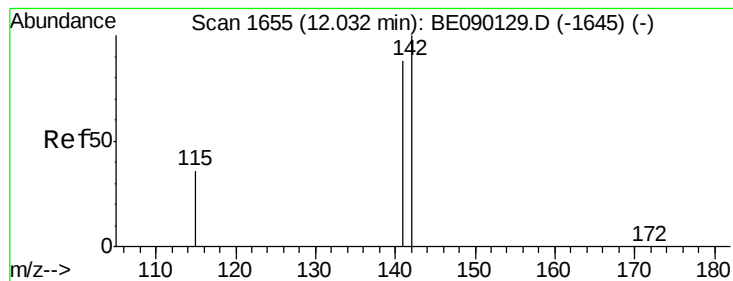
Ion Ratio Lower Upper

225 100

223 125.0 50.2 75.2#

227 25.0 51.3 76.9#





#11

2-Methylnaphthalene

Concen: 0.33 ng

RT: 12.03 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

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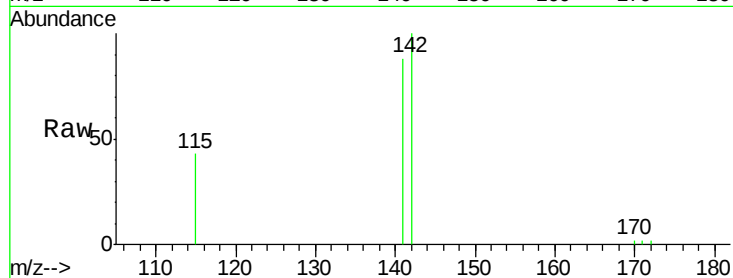
Tgt Ion:142 Resp: 3472

Ion Ratio Lower Upper

142 100

141 88.5 70.6 105.8

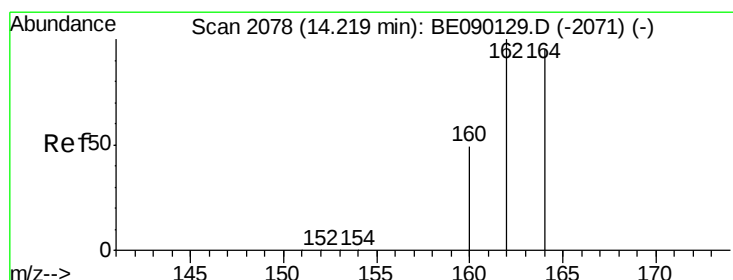
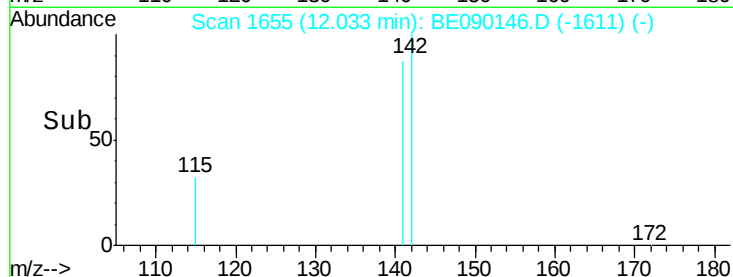
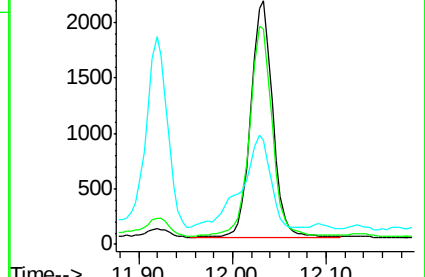
115 42.7 29.4 44.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.22 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

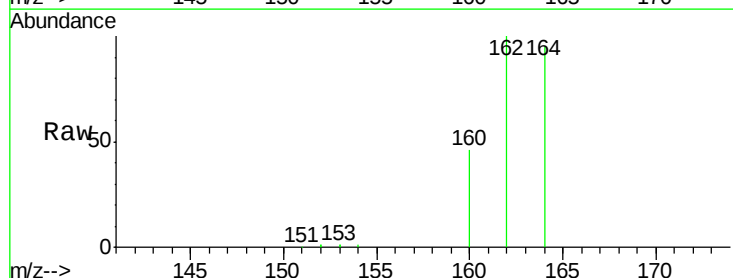
Tgt Ion:164 Resp: 42135

Ion Ratio Lower Upper

164 100

162 105.5 84.0 126.0

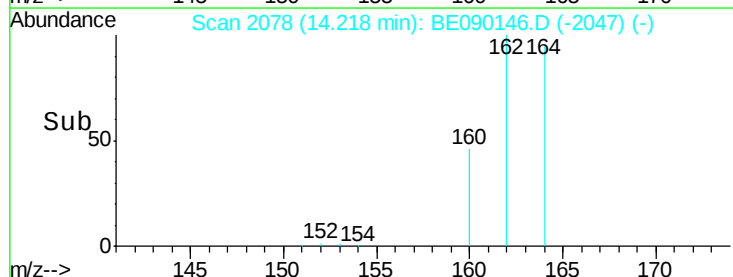
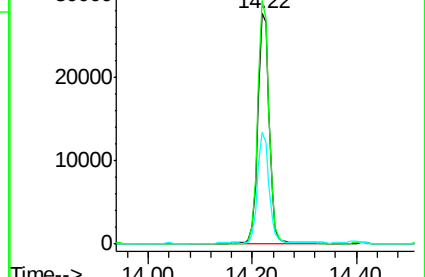
160 48.2 41.1 61.7

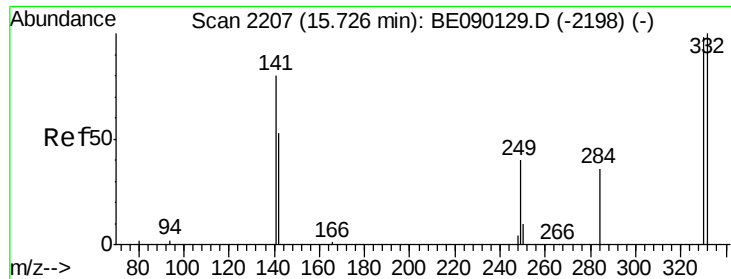


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

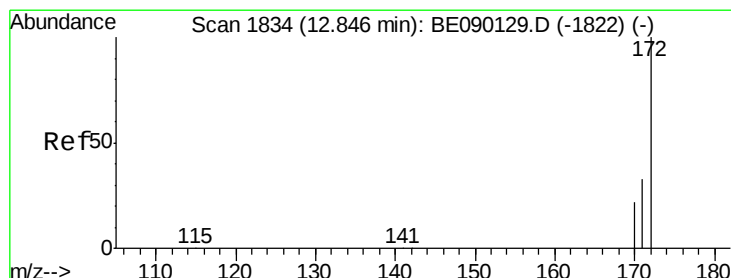
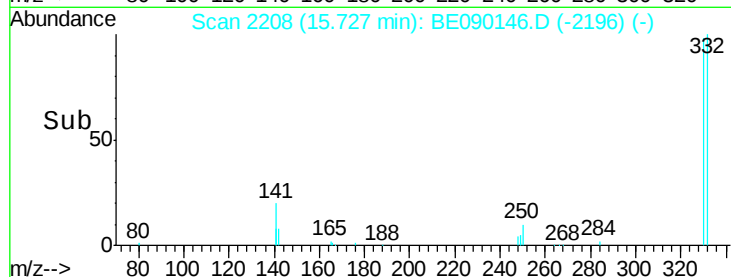
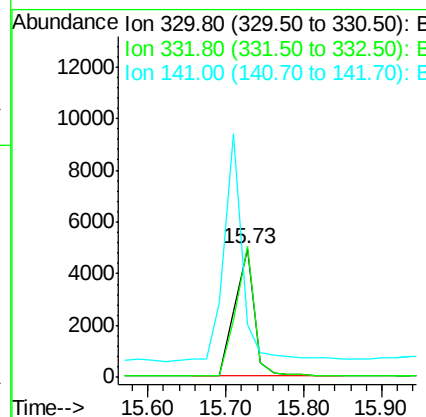
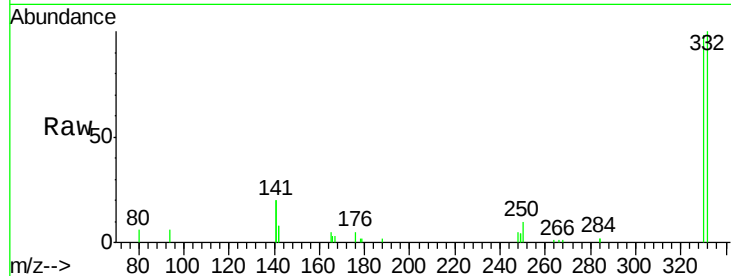




#13
 2,4,6-Tribromophenol
 Concen: 7.09 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE090146.D
 Acq: 17 Jul 2015 8:18

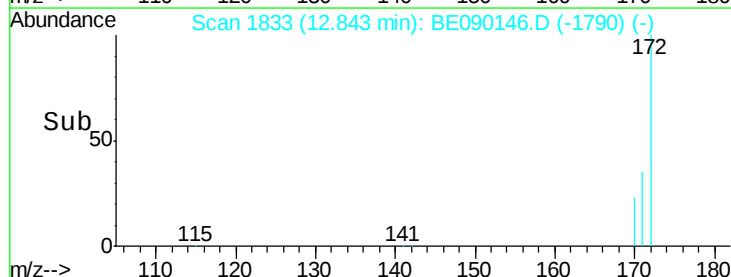
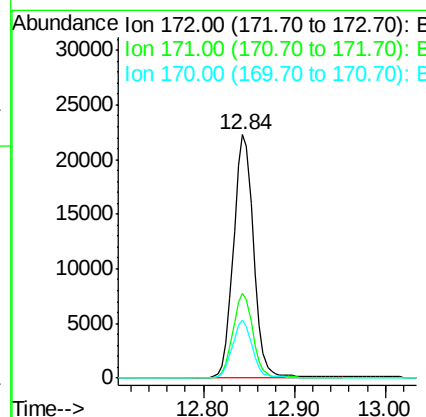
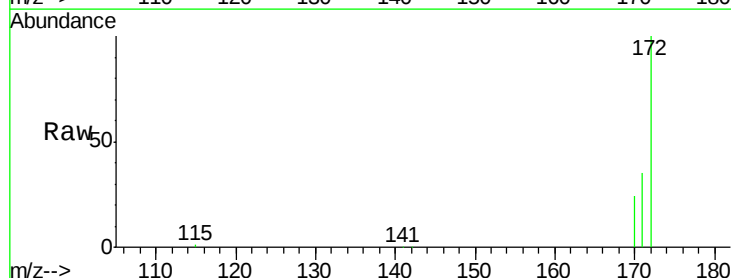
Instrument :
 BNA_E
 ClientSampleId :
 MW-DUP-01-071515

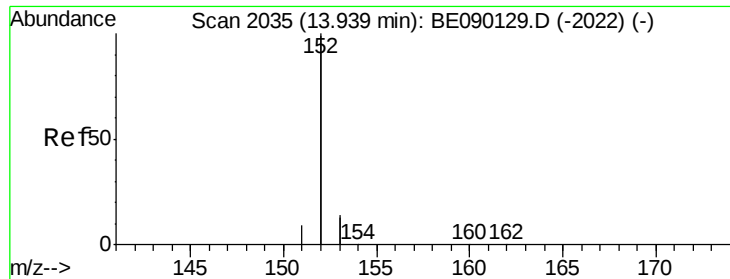
Tgt Ion:330 Resp: 8660
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.4 119.0
 141 169.7 160.2 240.2



#14
 2-Fluorobiphenyl
 Concen: 2.61 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090146.D
 Acq: 17 Jul 2015 8:18

Tgt Ion:172 Resp: 33844
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.1 40.7
 170 23.6 17.9 26.9





#15

Acenaphthylene

Concen: 0.01 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

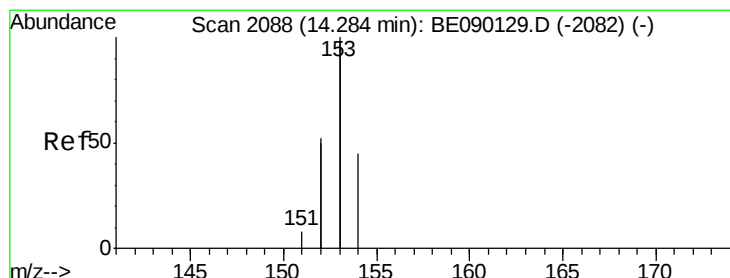
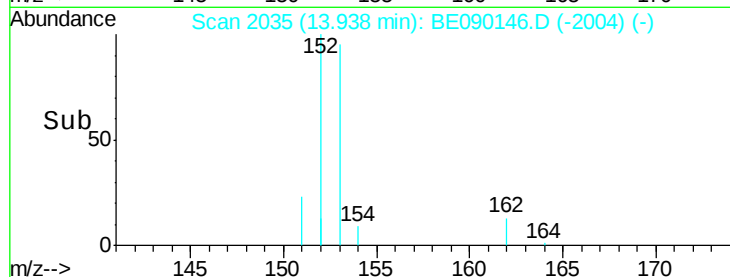
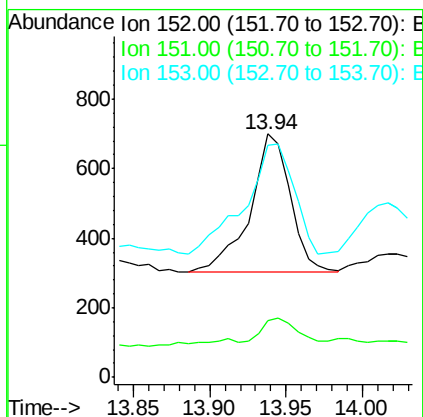
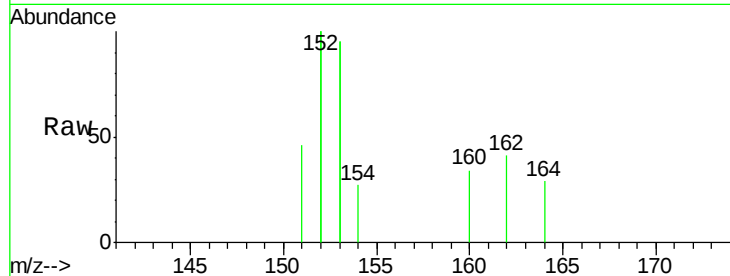
Tgt Ion:152 Resp: 721

Ion Ratio Lower Upper

152 100

151 25.1 3.8 5.8#

153 96.7 10.4 15.6#



#16

Acenaphthene

Concen: 0.04 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

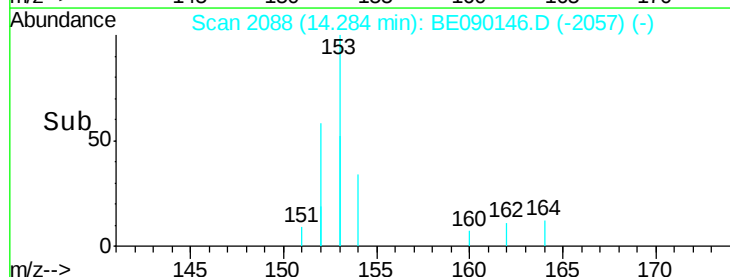
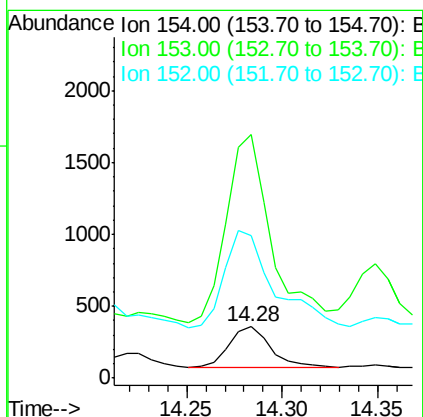
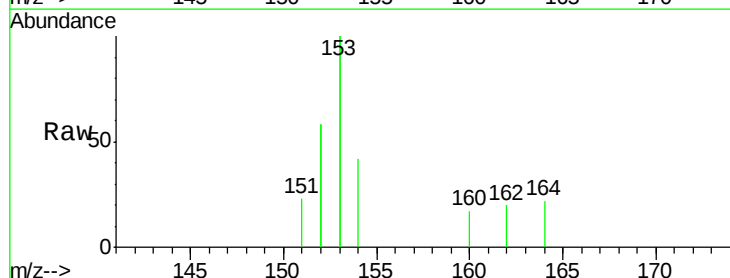
Tgt Ion:154 Resp: 427

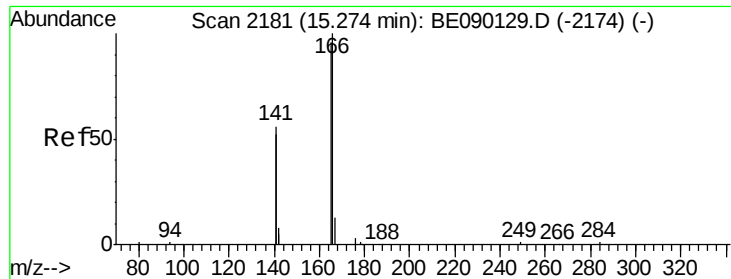
Ion Ratio Lower Upper

154 100

153 500.5 369.5 554.3

152 281.5 202.2 303.4





#17

Fluorene

Concen: 0.04 ng

RT: 15.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

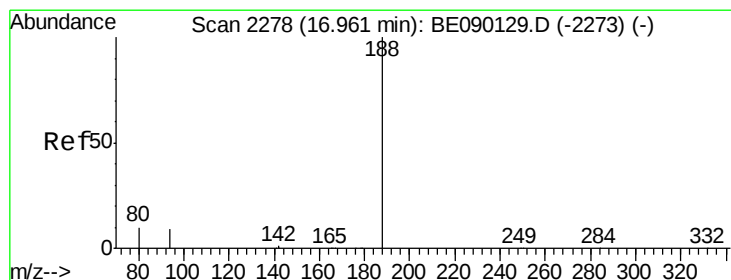
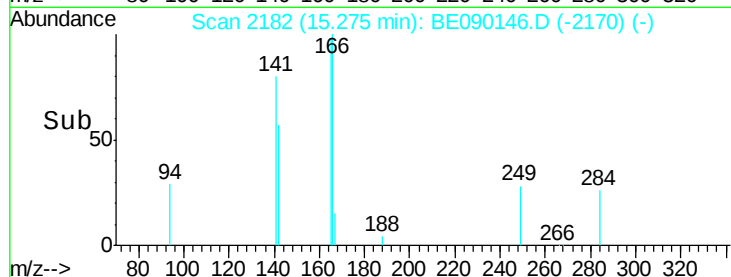
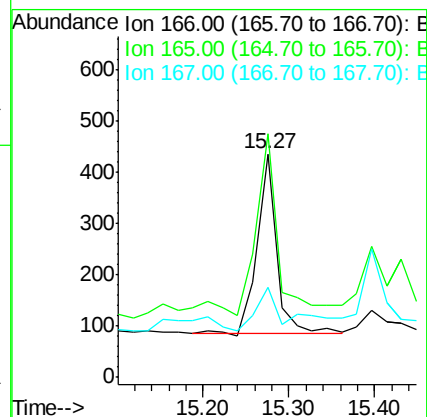
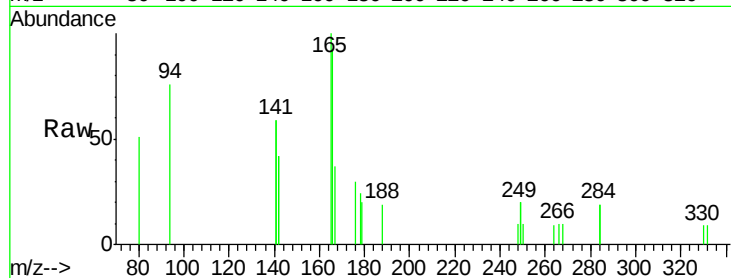
Tgt Ion:166 Resp: 574

Ion Ratio Lower Upper

166 100

165 130.3 78.7 118.1#

167 35.9 11.1 16.7#



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

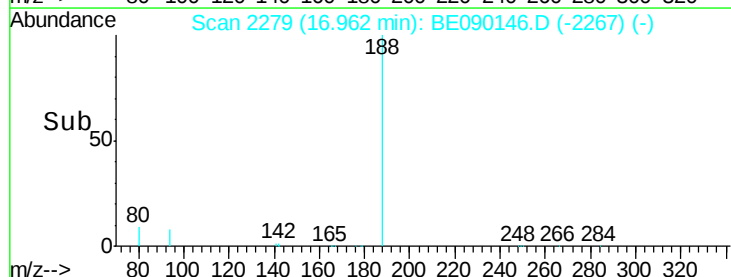
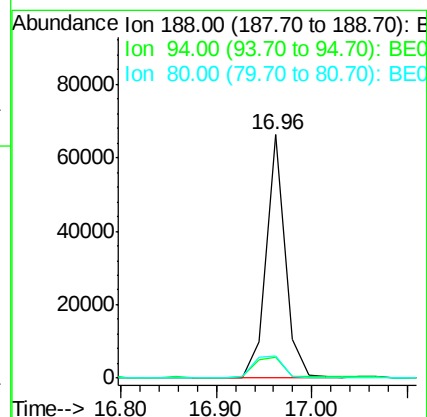
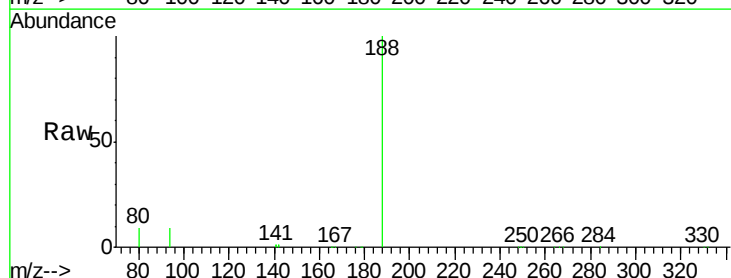
Tgt Ion:188 Resp: 91221

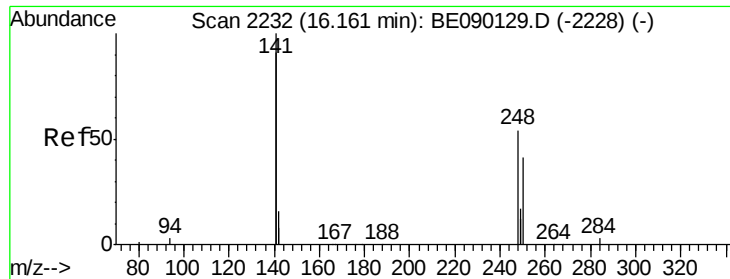
Ion Ratio Lower Upper

188 100

94 8.8 7.3 10.9

80 9.3 8.0 12.0





#19

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.16 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

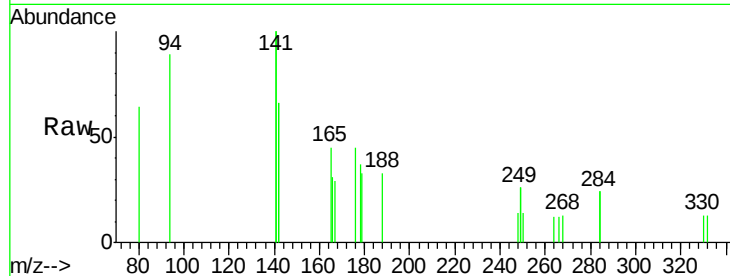
BNA_E

ClientSampleId :

MW-DUP-01-071515

Tgt Ion:248 Resp: 8

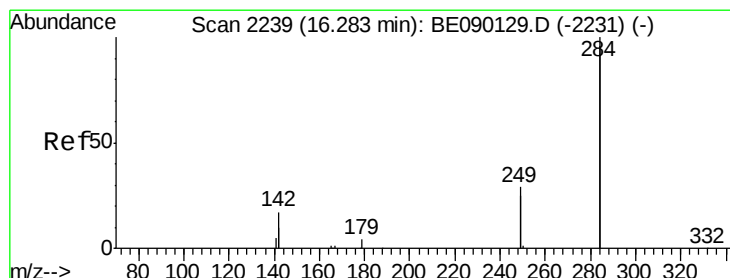
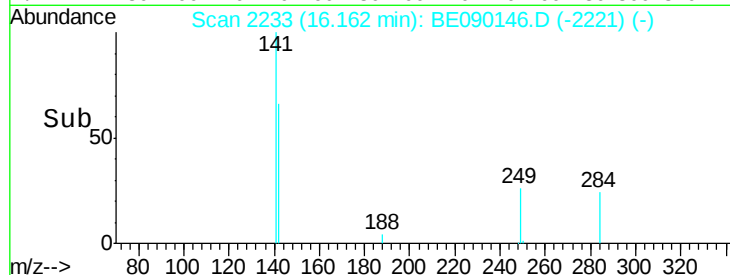
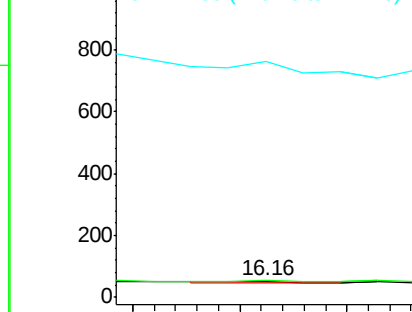
Ion	Ratio	Lower	Upper
248	100		
250	112.5	76.2	114.4
141	0.0	246.0	369.0#



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: 0.00 ng

RT: 16.28 min Scan# 2240

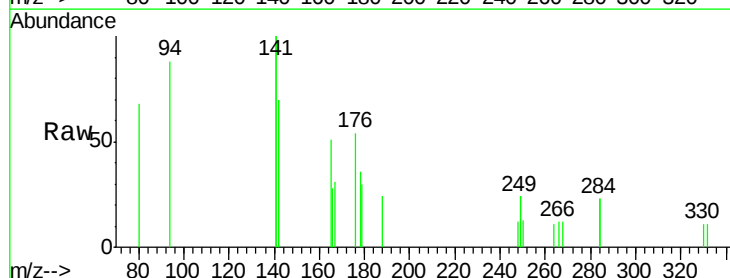
Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Tgt Ion:284 Resp: 19

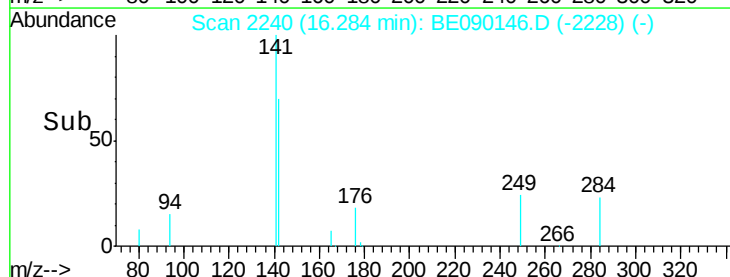
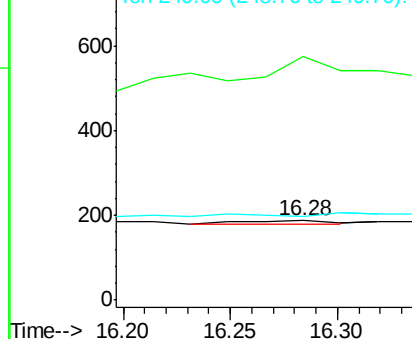
Ion	Ratio	Lower	Upper
284	100		
142	1826.3	30.2	45.4#
249	142.1	25.5	38.3#

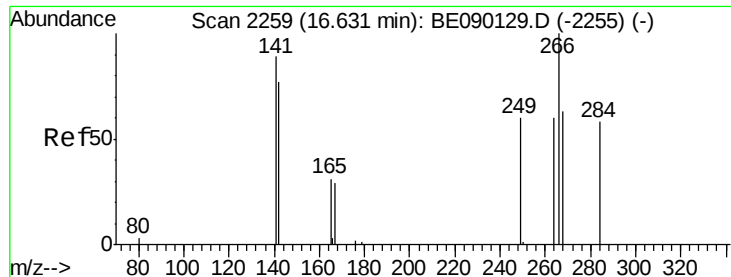


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

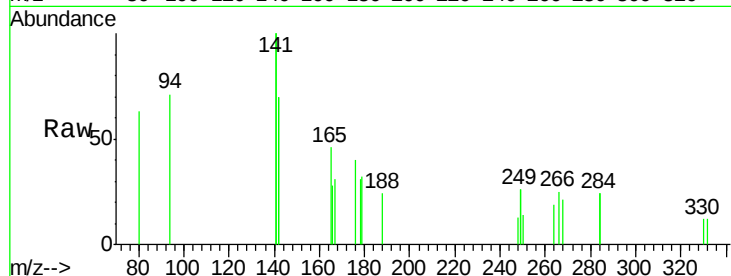




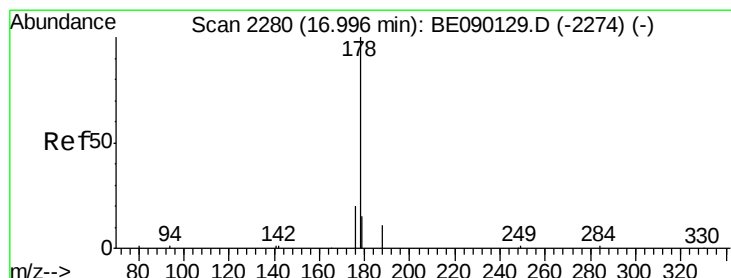
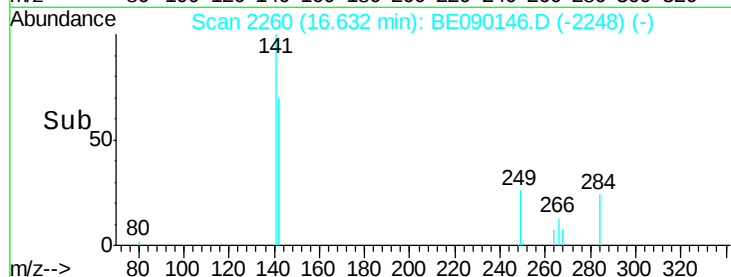
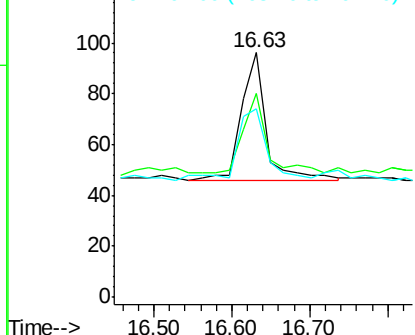
#21
 Pentachlorophenol
 Concen: 0.72 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BE090146.D
 Acq: 17 Jul 2015 8:18

Instrument :
 BNA_E
 ClientSampleId :
 MW-DUP-01-071515

Tgt Ion: 266 Resp: 111
 Ion Ratio Lower Upper
 266 100
 268 83.3 58.2 87.2
 264 77.1 55.8 83.6

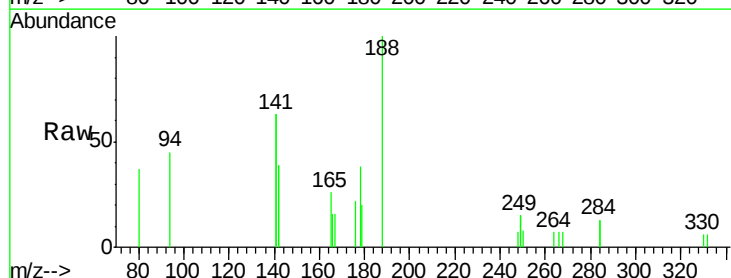


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

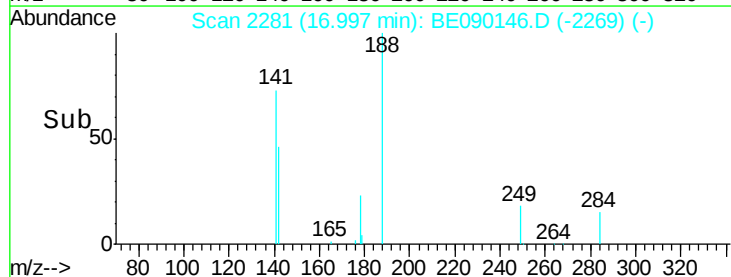
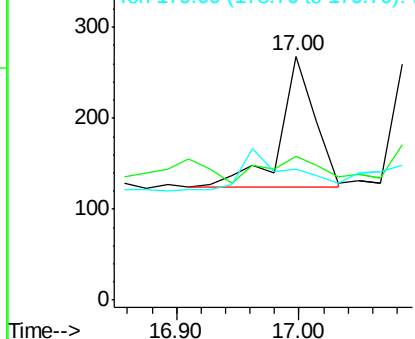


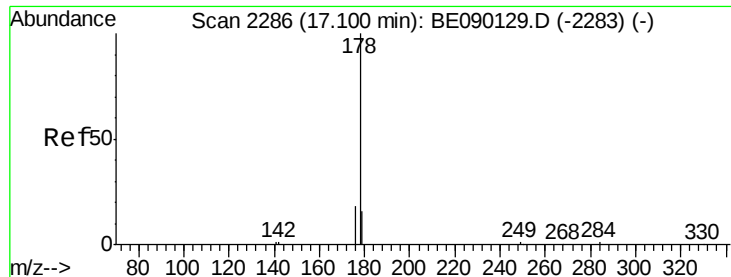
#22
 Phenanthrene
 Concen: 0.01 ng
 RT: 17.00 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BE090146.D
 Acq: 17 Jul 2015 8:18

Tgt Ion: 178 Resp: 283
 Ion Ratio Lower Upper
 178 100
 176 33.2 15.1 22.7#
 179 0.0 12.2 18.4#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.01 ng

RT: 17.10 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

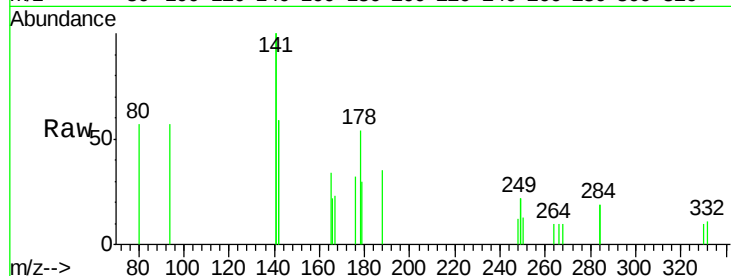
Tgt Ion:178 Resp: 300

Ion Ratio Lower Upper

178 100

176 31.7 14.7 22.1#

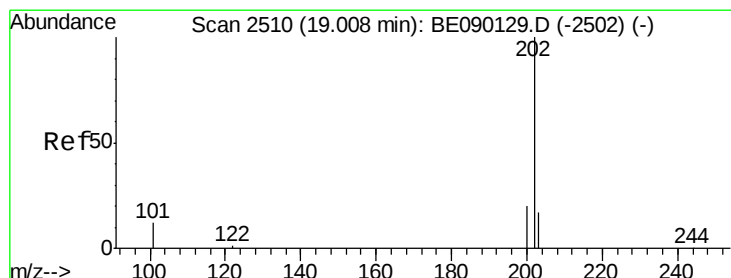
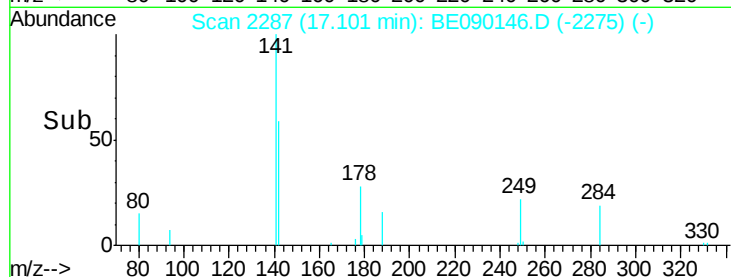
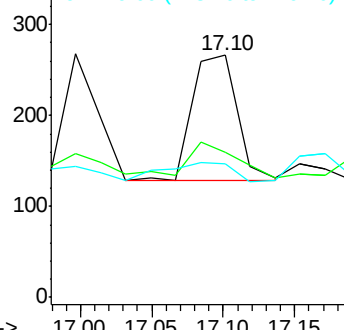
179 24.0 12.2 18.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.01 ng

RT: 19.00 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

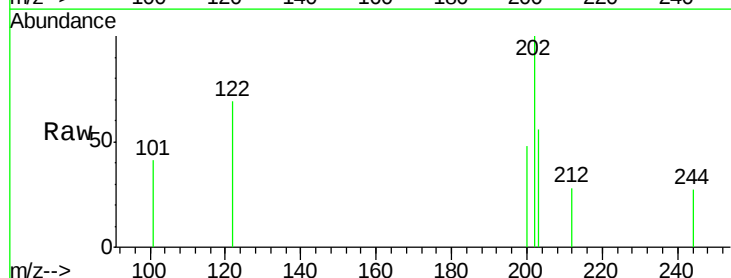
Tgt Ion:202 Resp: 247

Ion Ratio Lower Upper

202 100

101 26.3 10.1 15.1#

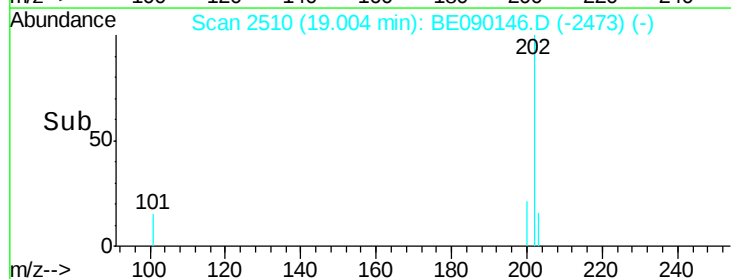
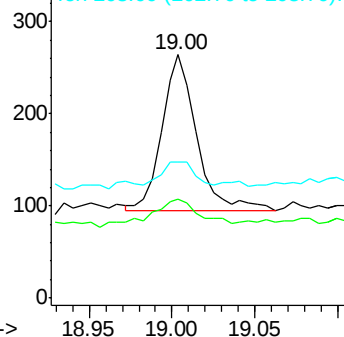
203 14.6 13.8 20.8

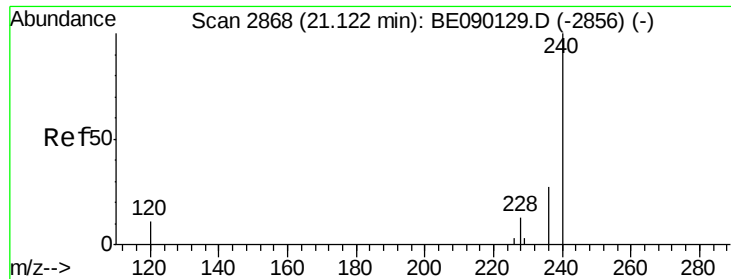


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.12 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

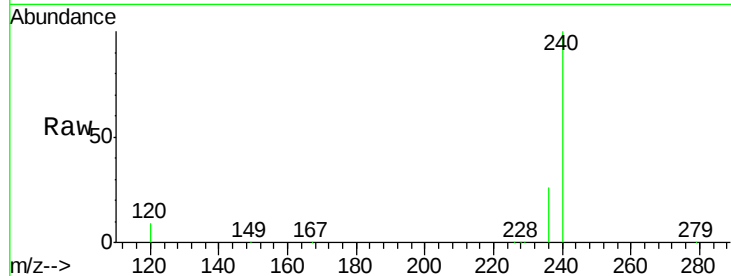
Tgt Ion:240 Resp: 101372

Ion Ratio Lower Upper

240 100

120 9.4 8.8 13.2

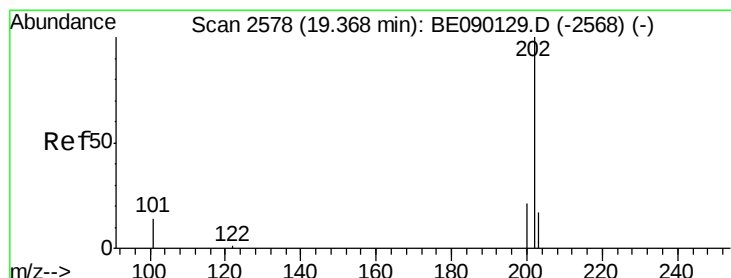
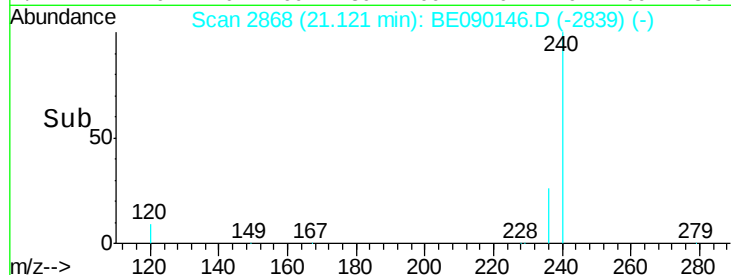
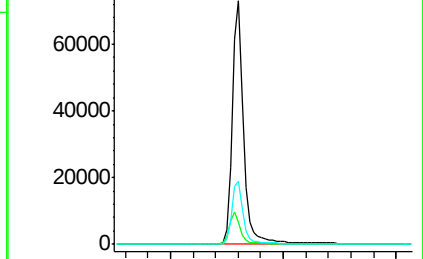
236 26.1 21.4 32.0



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: 0.01 ng

RT: 19.36 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

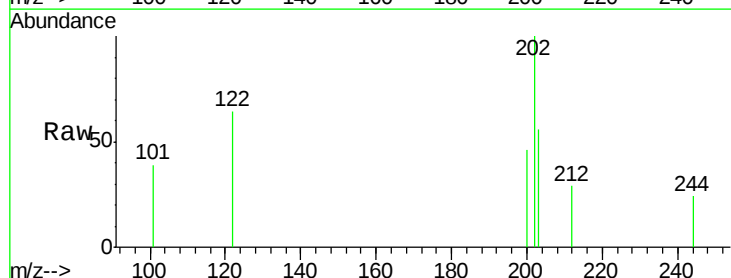
Tgt Ion:202 Resp: 278

Ion Ratio Lower Upper

202 100

200 24.1 16.6 24.8

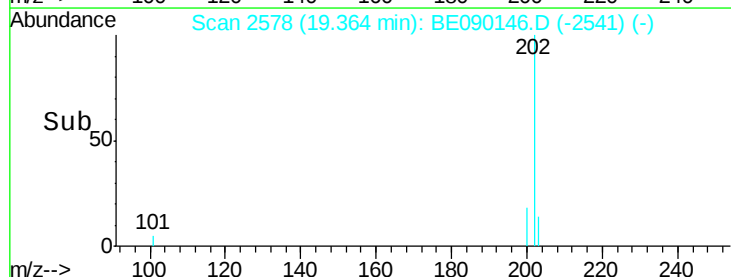
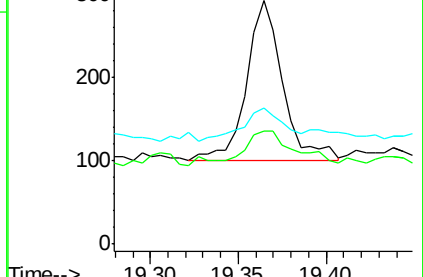
203 22.7 13.9 20.9#

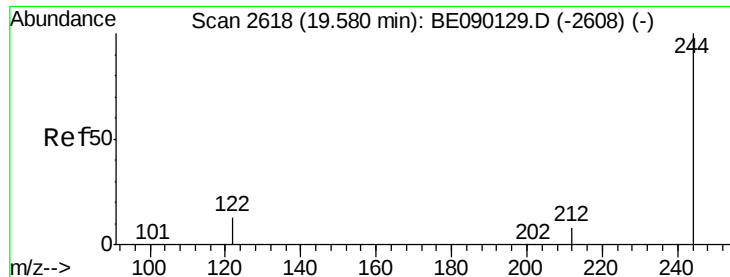


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

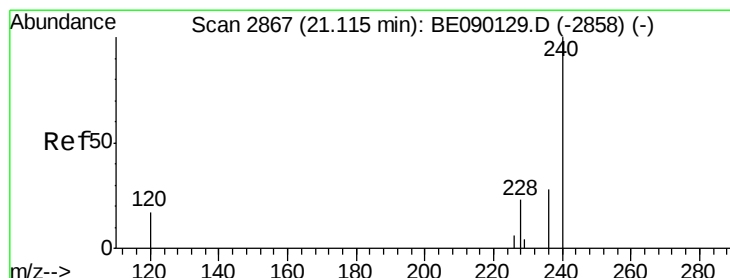
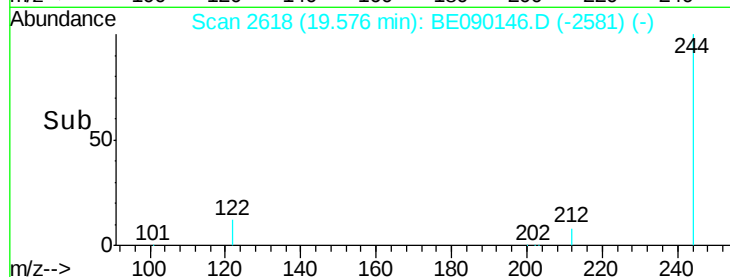
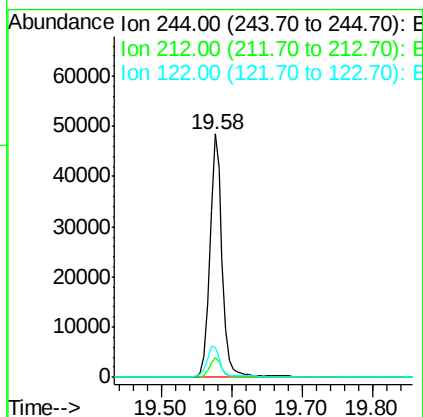
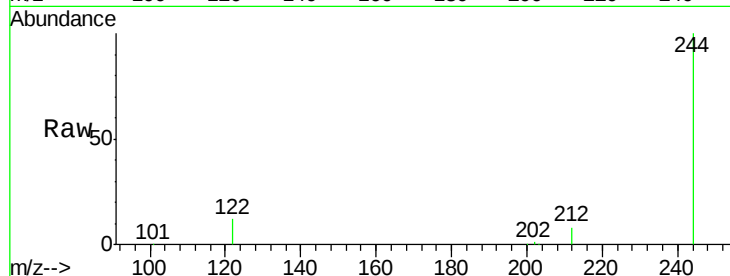




#27
 Terphenyl-d14
 Concen: 3.49 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BE090146.D
 Acq: 17 Jul 2015 8:18

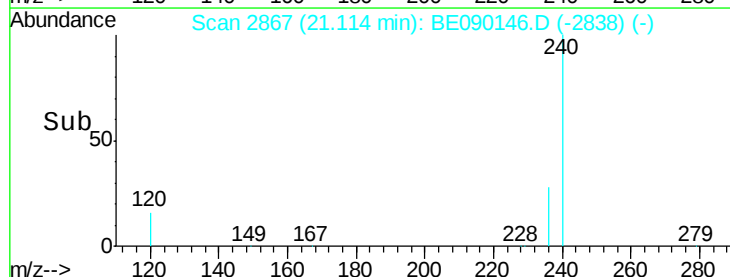
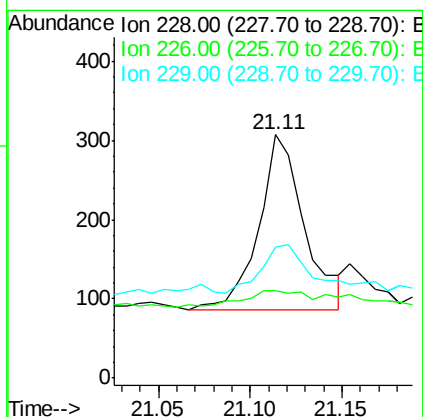
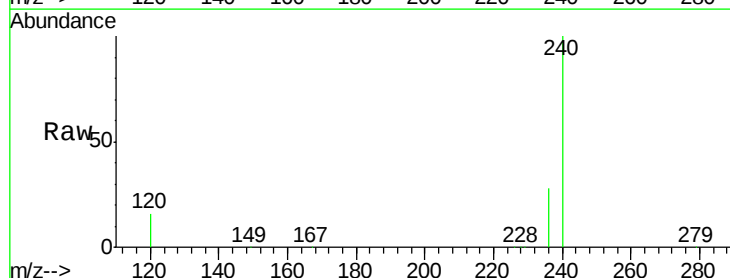
Instrument :
 BNA_E
 ClientSampleId :
 MW-DUP-01-071515

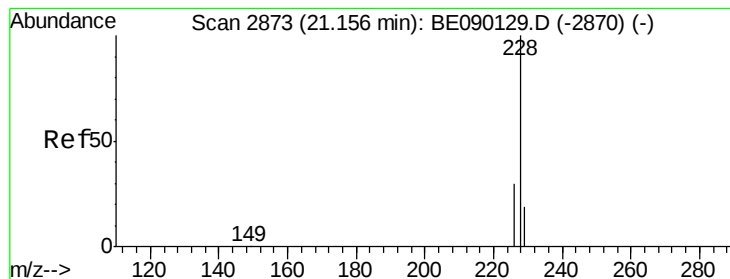
Tgt Ion:244 Resp: 59357
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.7 10.1
 122 12.4 10.7 16.1



#28
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.11 min Scan# 2867
 Delta R.T. -0.00 min
 Lab File: BE090146.D
 Acq: 17 Jul 2015 8:18

Tgt Ion:228 Resp: 381
 Ion Ratio Lower Upper
 228 100
 226 35.8 21.3 31.9#
 229 53.7 16.1 24.1#





#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2867

Delta R.T. -0.04 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

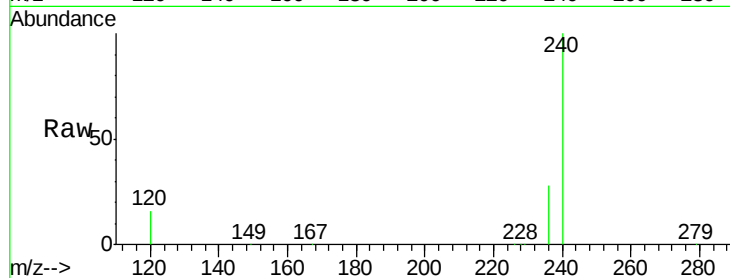
Tgt Ion:228 Resp: 381

Ion Ratio Lower Upper

228 100

226 35.8 23.5 35.3#

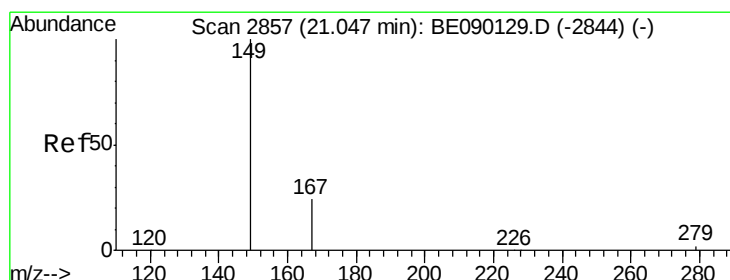
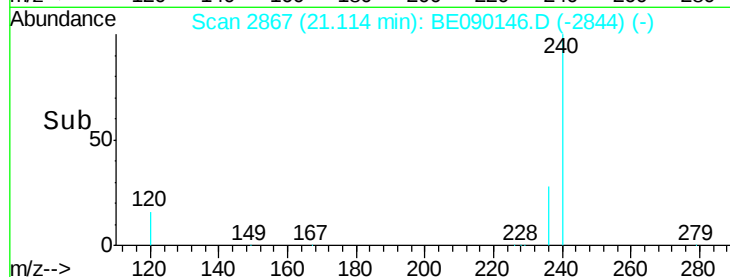
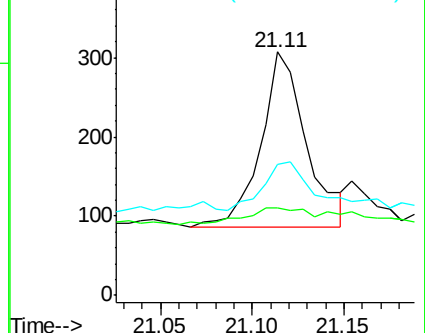
229 53.7 16.0 24.0#



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: 1.85 ng

RT: 21.05 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

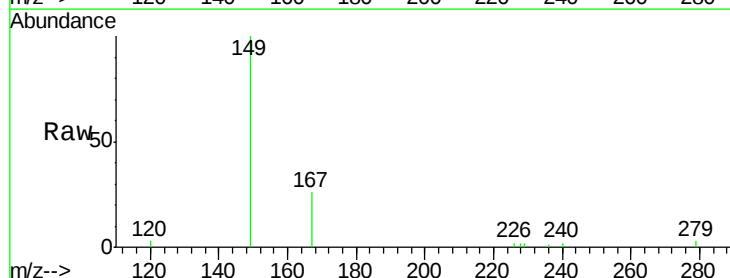
Tgt Ion:149 Resp: 6673

Ion Ratio Lower Upper

149 100

167 26.1 18.6 27.8

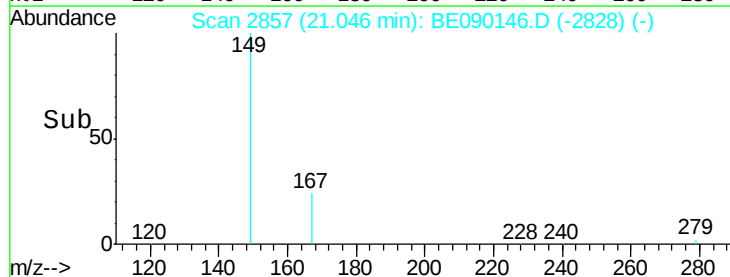
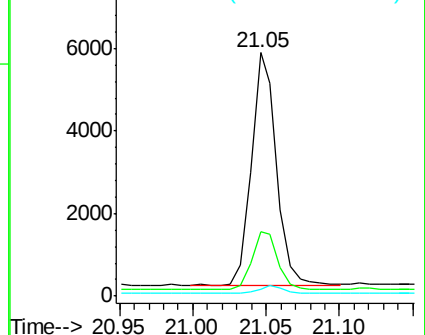
279 3.4 2.2 3.4#

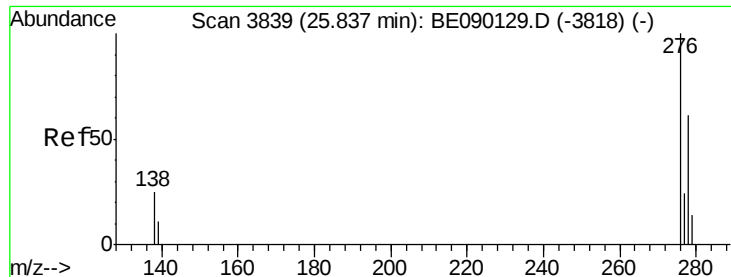


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.11 ng

RT: 25.84 min Scan# 3840

Delta R.T. 0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

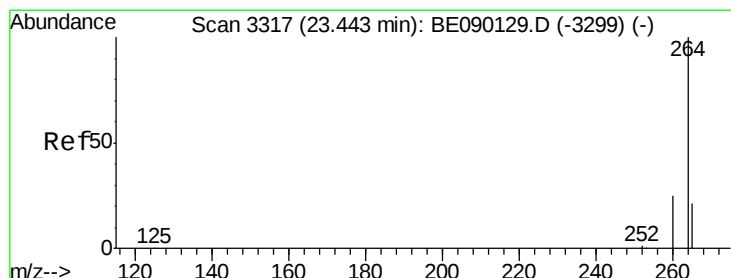
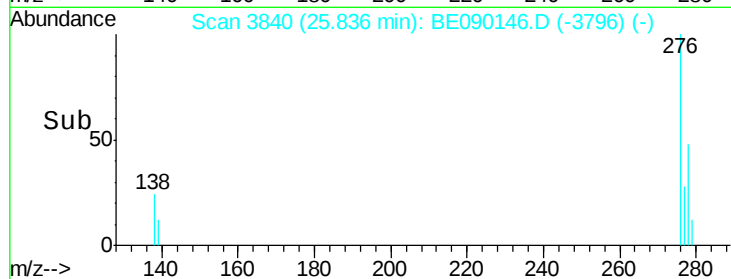
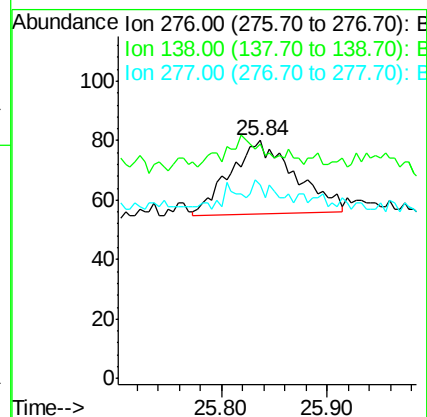
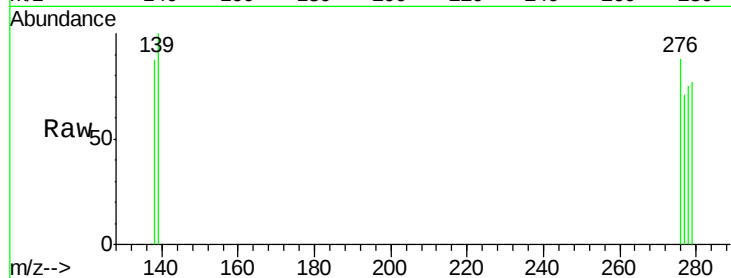
Tgt Ion:276 Resp: 105

Ion Ratio Lower Upper

276 100

138 13.3 17.3 25.9#

277 3.8 17.3 25.9#



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.43 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

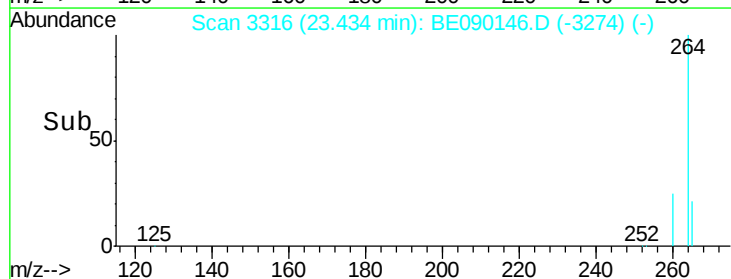
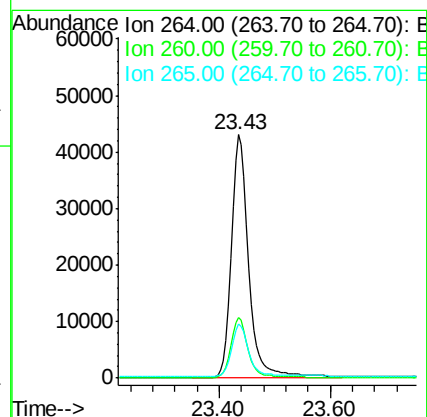
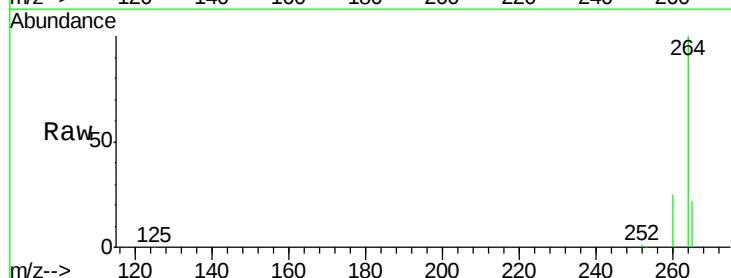
Tgt Ion:264 Resp: 92152

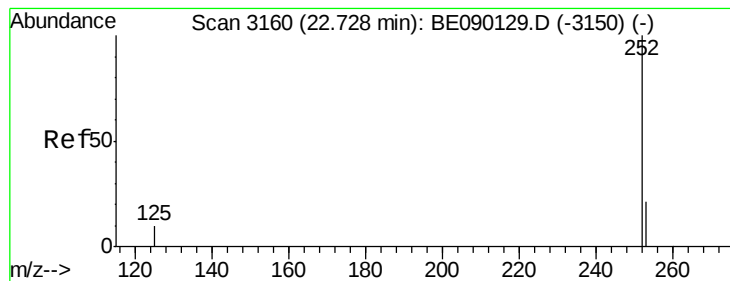
Ion Ratio Lower Upper

264 100

260 24.8 19.9 29.9

265 22.1 17.8 26.8





#33

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.72 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

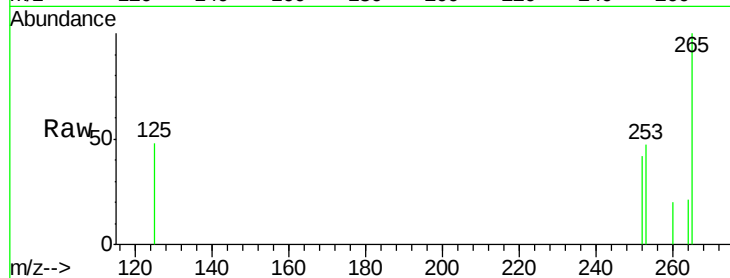
Tgt Ion: 252 Resp: 83

Ion Ratio Lower Upper

252 100

253 112.4 19.0 28.6#

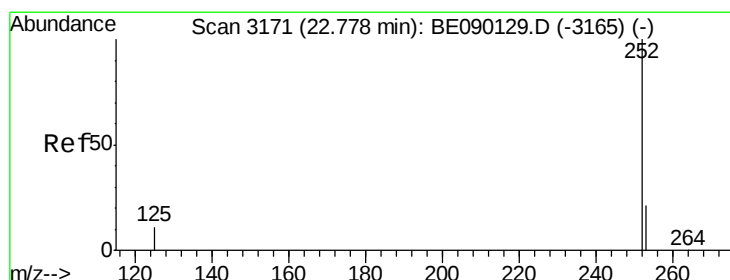
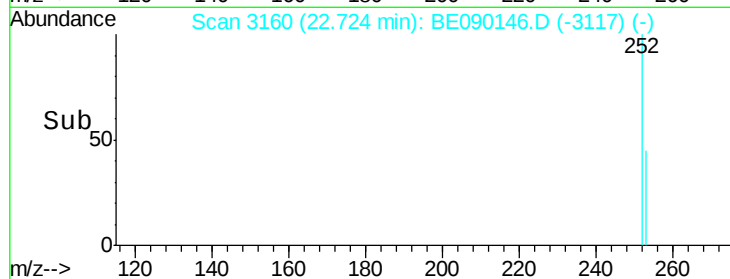
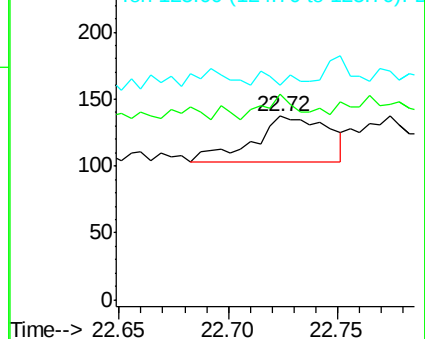
125 116.8 10.7 16.1#



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: 0.18 ng

RT: 22.77 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

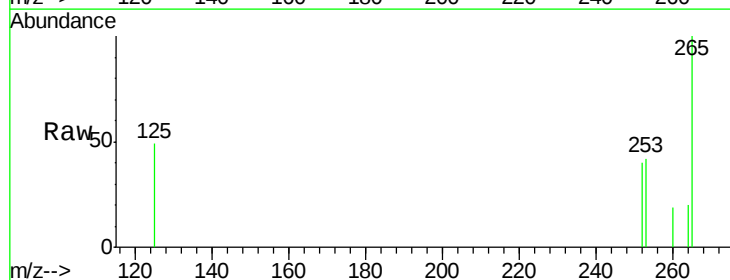
Tgt Ion: 252 Resp: 72

Ion Ratio Lower Upper

252 100

253 106.6 18.7 28.1#

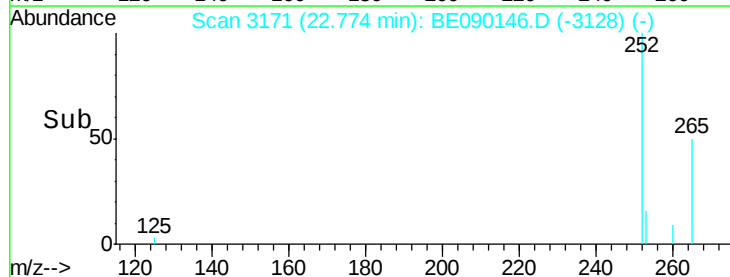
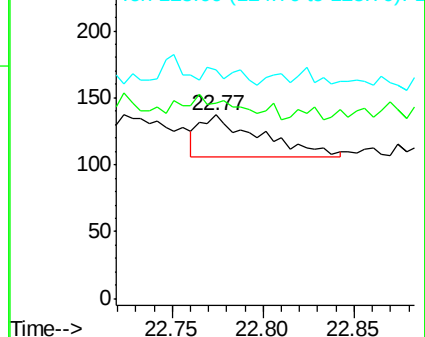
125 124.8 10.5 15.7#

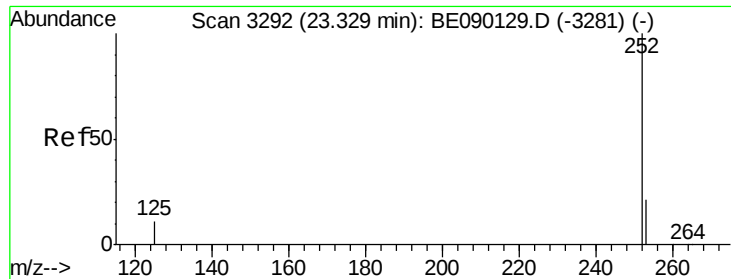


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.40 ng

RT: 23.33 min Scan# 3294

Delta R.T. 0.01 min

Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Instrument :

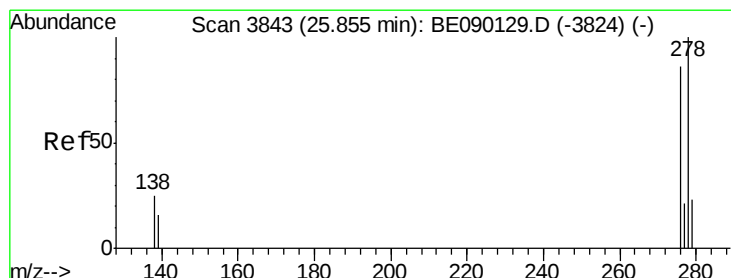
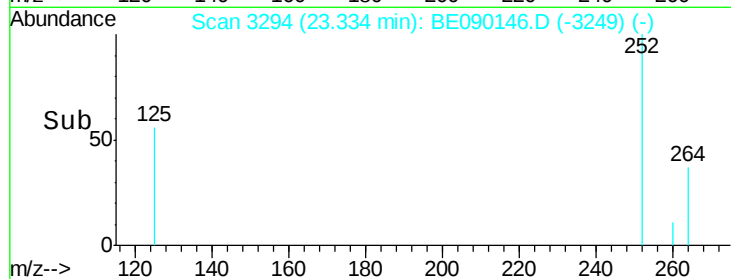
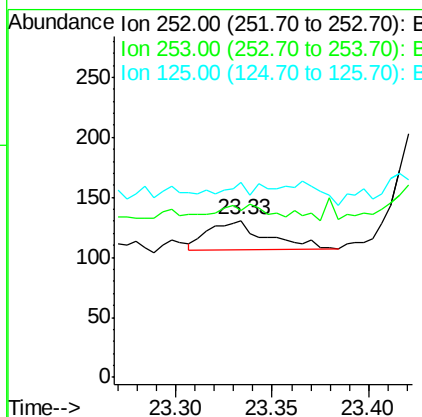
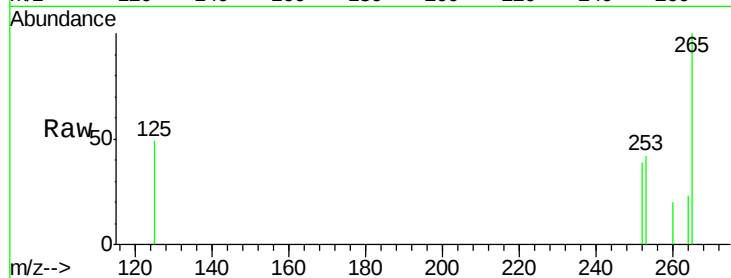
BNA_E

ClientSampleId :

MW-DUP-01-071515

Tgt Ion: 252 Resp: 51

Ion	Ratio	Lower	Upper
252	100		
253	106.1	19.4	29.2#
125	124.4	11.9	17.9#



#36

Dibenzo(a,h)anthracene

Concen: Below Cal

RT: 25.86 min Scan# 3845

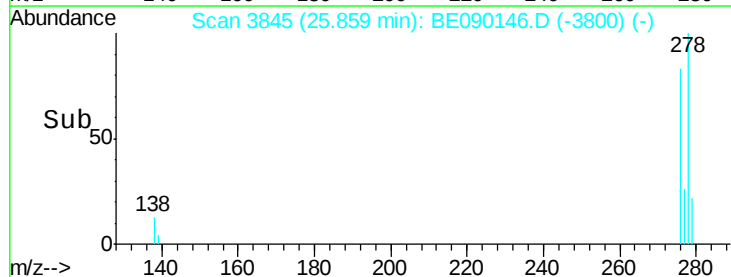
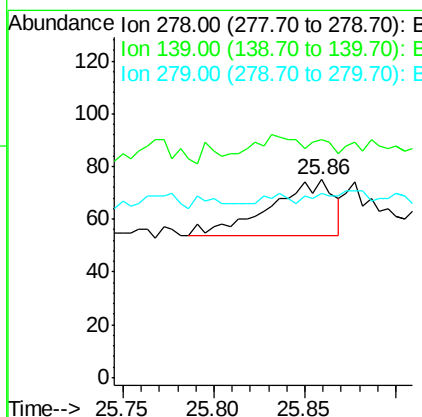
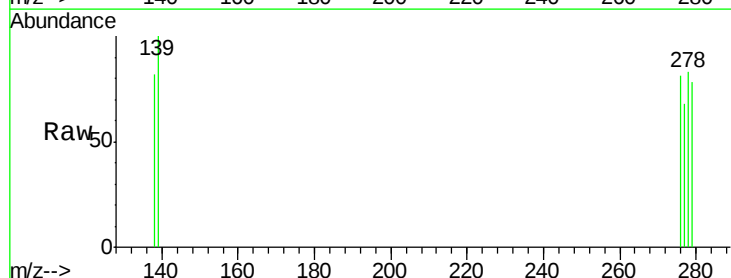
Delta R.T. 0.01 min

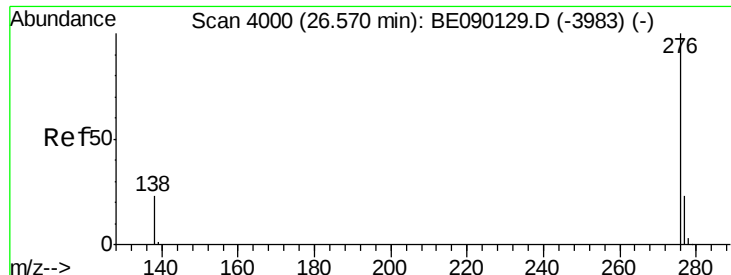
Lab File: BE090146.D

Acq: 17 Jul 2015 8:18

Tgt Ion: 278 Resp: 51

Ion	Ratio	Lower	Upper
278	100		
139	120.0	18.3	27.5#
279	93.3	23.3	34.9#





#37

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 26.56 min Scan# 3999

Delta R.T. -0.01 min

Lab File: BE090146.D

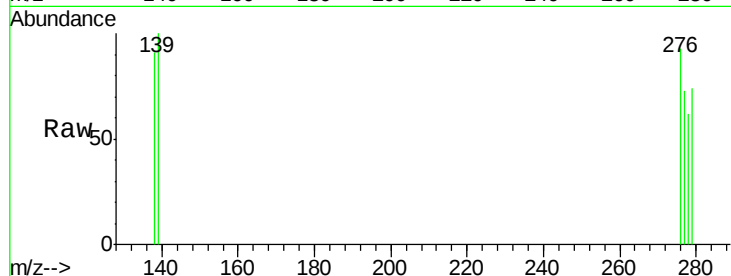
Acq: 17 Jul 2015 8:18

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515



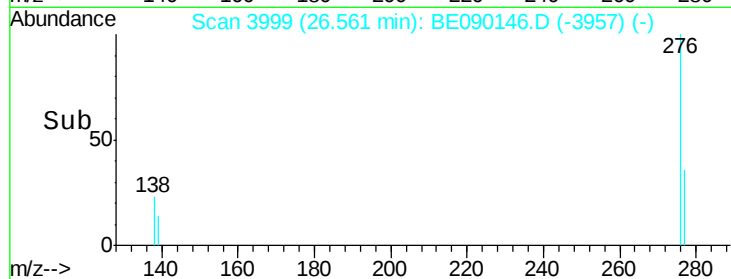
Tgt Ion: 276 Resp: 125

Ion Ratio Lower Upper

276 100

277 78.5 22.0 33.0#

138 97.5 22.0 33.0#



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

100

80

60

40

20

0

26.50

26.56

26.60

26.70

Time-->