

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090568.D
 Acq On : 18 Aug 2015 23:43
 Operator : UM/IZ
 Sample : G3329-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-U-S

Quant Time: Aug 19 02:36:51 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 02:30:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22051	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	112314	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61474	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	132572	5.00	ng	0.00
25) Chrysene-d12	21.09	240	128915	5.00	ng	0.00
32) Perylene-d12	23.39	264	116730	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	18740	2.94	ng	0.00
5) Phenol-d6	6.78	99	15526	1.66	ng	0.00
7) Nitrobenzene-d5	8.73	82	24818	2.77	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	17075	7.22	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	52642	2.87	ng	0.00
27) Terphenyl-d14	19.55	244	81217	3.44	ng	0.00

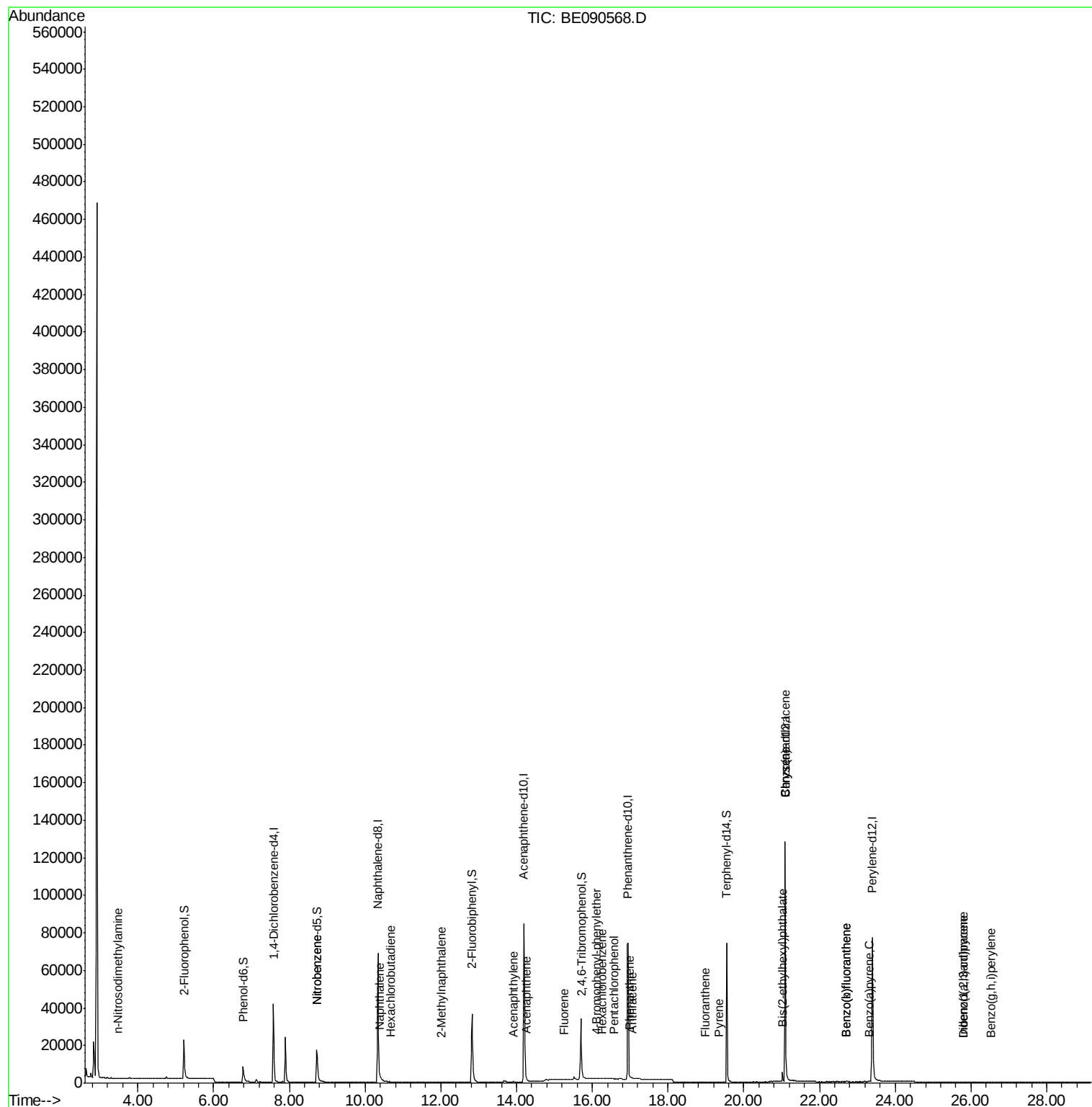
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	11	Below Cal	#	73
3) n-Nitrosodimethylamine	3.48	42	8	0.00 ng	#	68
8) Nitrobenzene	8.72	77	50	0.01 ng	#	35
9) Naphthalene	10.39	128	110	0.00 ng	#	1
10) Hexachlorobutadiene	10.69	225	2	0.00 ng	#	1
11) 2-Methylnaphthalene	12.01	142	12	0.00 ng	#	63
15) Acenaphthylene	13.92	152	182	0.00 ng	#	93
16) Acenaphthene	14.26	154	31	0.00 ng	#	70
17) Fluorene	15.26	166	84	0.00 ng	#	54
19) 4-Bromophenyl-phenylether	16.11	248	6	0.00 ng	#	1
20) Hexachlorobenzene	16.25	284	27	0.00 ng	#	1
21) Pentachlorophenol	16.56	266	28	0.31 ng	#	73
22) Phenanthrene	16.98	178	439	0.01 ng	#	70
23) Anthracene	17.07	178	78	0.00 ng	#	61
24) Fluoranthene	18.98	202	217	0.01 ng	#	90
26) Pyrene	19.34	202	238	0.01 ng	#	83
28) Benzo(a)anthracene	21.09	228	454	0.01 ng	#	74
29) Chrysene	21.09	228	454	0.01 ng	#	77
30) Bis(2-ethylhexyl)phthalate	21.02	149	4907	0.37 ng		100
31) Indeno(1,2,3-cd)pyrene	25.78	276	101	0.00 ng	#	87
33) Benzo(b)fluoranthene	22.70	252	106	0.00 ng	#	1
34) Benzo(k)fluoranthene	22.70	252	106	0.00 ng	#	1
35) Benzo(a)pyrene	23.30	252	92	0.00 ng	#	1
36) Dibenzo(a,h)anthracene	25.80	278	23	0.00 ng	#	1
37) Benzo(g,h,i)perylene	26.52	276	108	0.00 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: 7.58 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

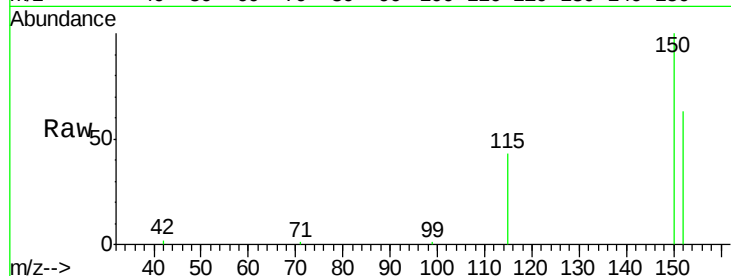
Tgt Ion:152 Resp: 22051

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

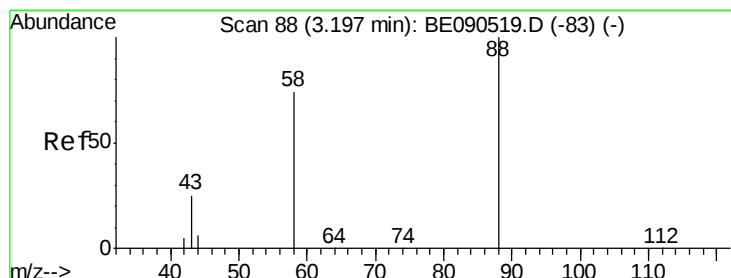
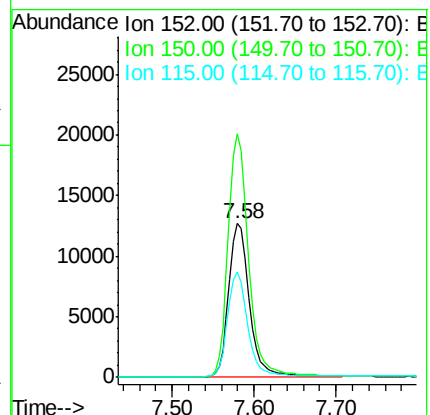
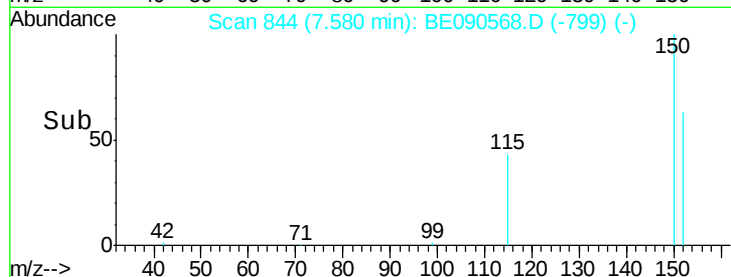
115 68.2 48.9 73.3



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: Below Cal

RT: 3.34 min Scan# 110

Delta R.T. 0.15 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

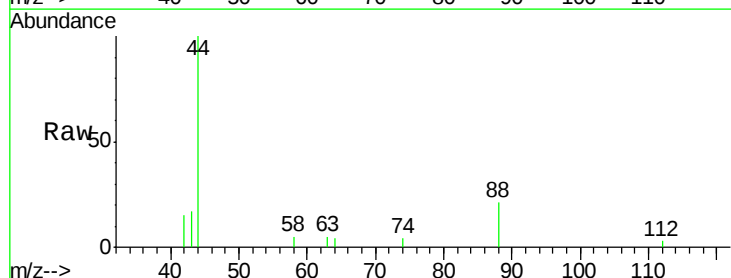
Tgt Ion: 88 Resp: 11

Ion Ratio Lower Upper

88 100

58 100.0 70.0 105.0

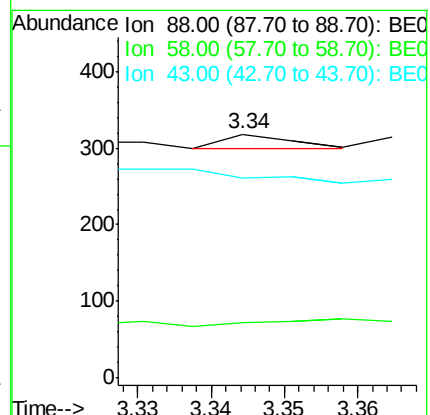
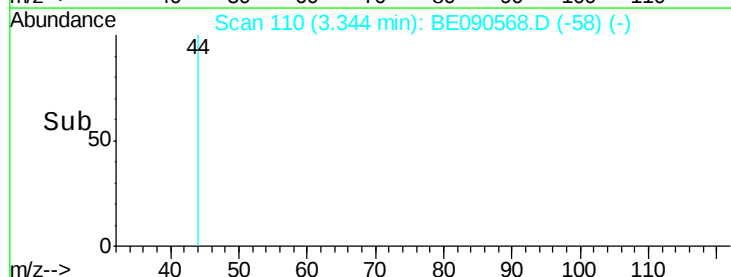
43 0.0 28.4 42.6#



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: 0.00 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

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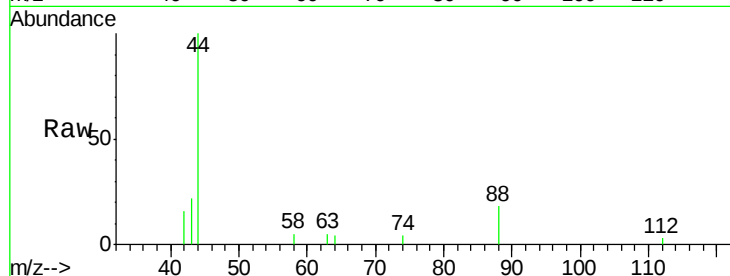
Tgt Ion: 42 Resp: 8

Ion Ratio Lower Upper

42 100

74 62.5 75.2 112.8#

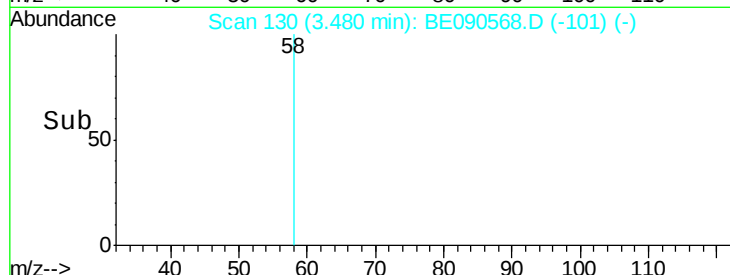
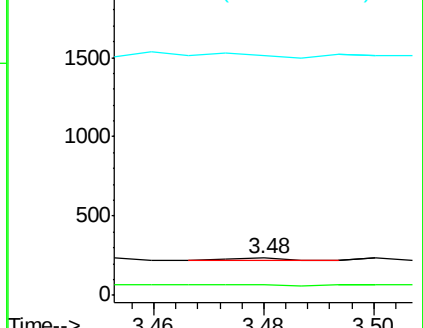
44 0.0 8.7 13.1#



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: 2.94 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

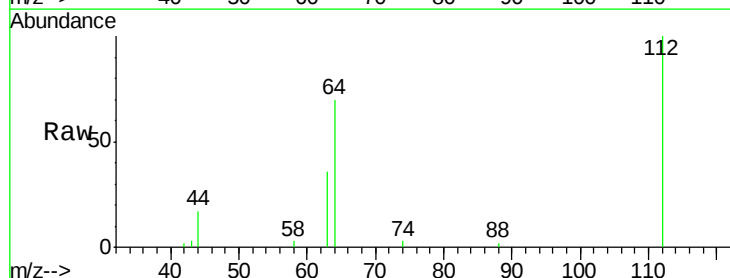
Tgt Ion: 112 Resp: 18740

Ion Ratio Lower Upper

112 100

64 69.3 37.1 55.7#

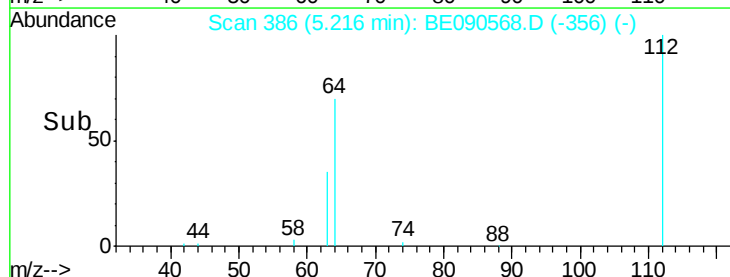
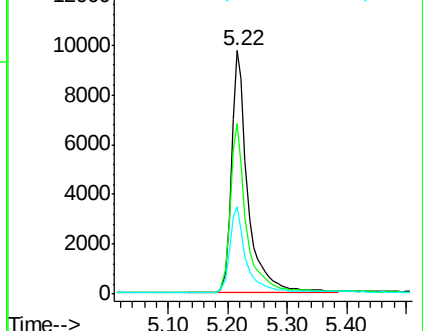
63 34.9 19.5 29.3#

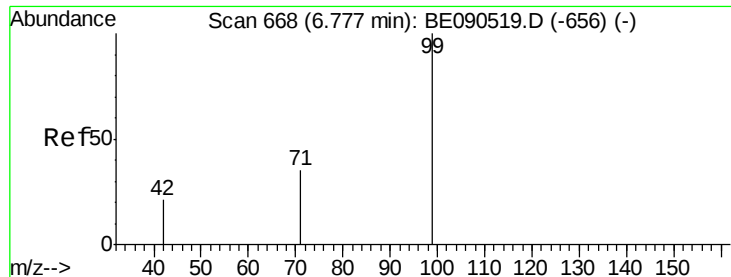


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.66 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

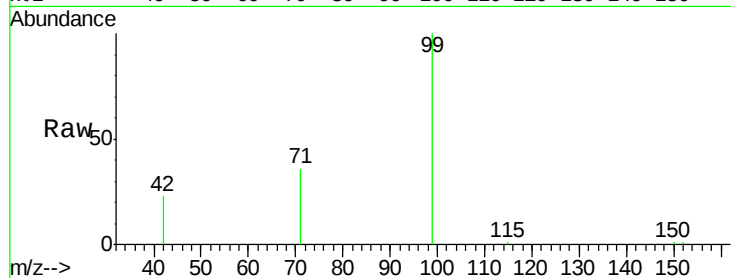
Tgt Ion: 99 Resp: 15526

Ion Ratio Lower Upper

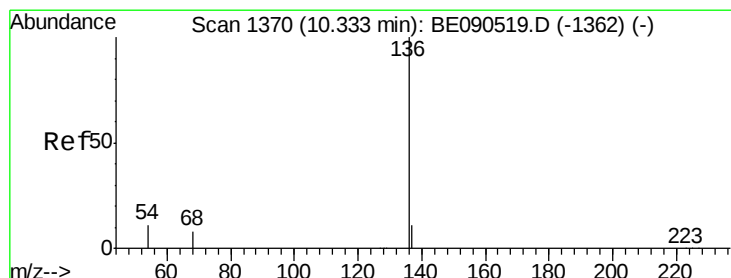
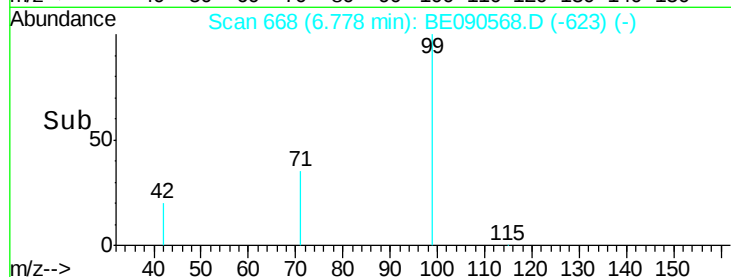
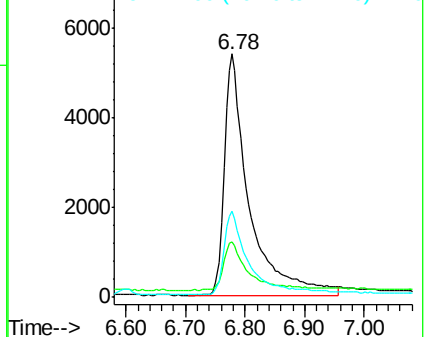
99 100

42 19.0 18.2 27.4

71 34.4 27.4 41.0



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: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Tgt Ion: 136 Resp: 112314

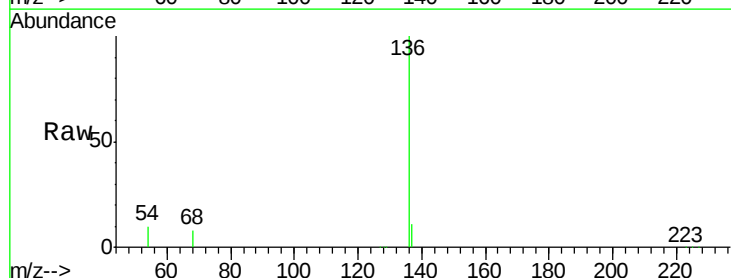
Ion Ratio Lower Upper

136 100

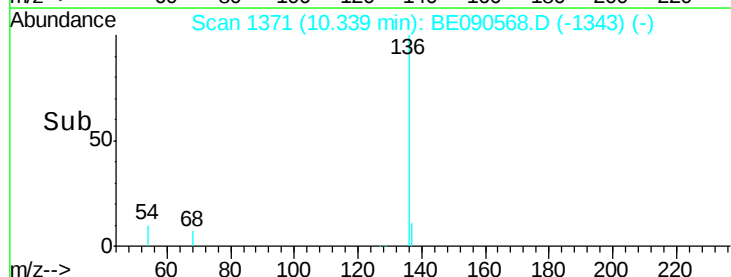
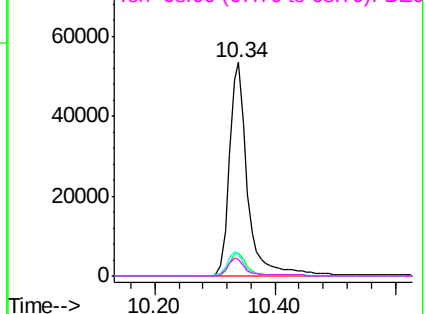
137 11.1 8.7 13.1

54 10.0 9.4 14.0

68 7.5 6.5 9.7



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: 2.77 ng

RT: 8.73 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

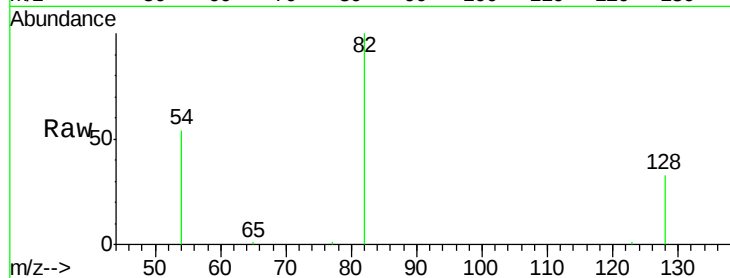
Tgt Ion: 82 Resp: 24818

Ion Ratio Lower Upper

82 100

128 32.9 25.0 37.6

54 53.9 48.8 73.2

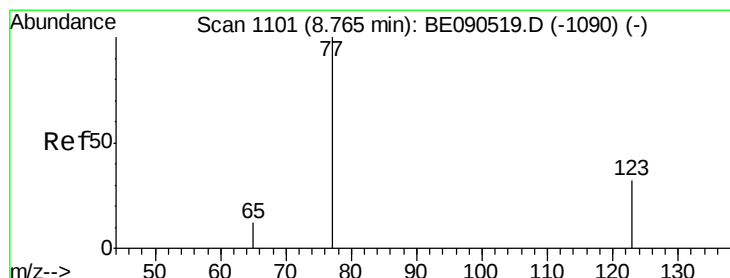
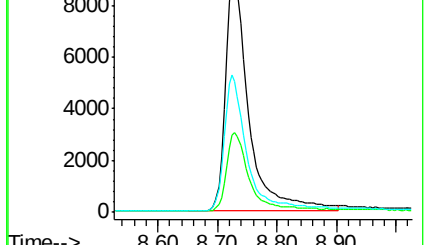
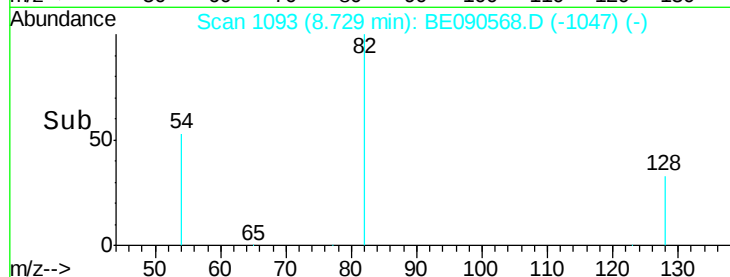


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#8

Nitrobenzene

Concen: 0.01 ng

RT: 8.72 min Scan# 1092

Delta R.T. -0.04 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

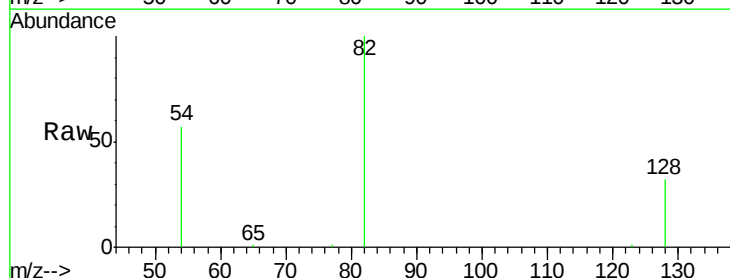
Tgt Ion: 77 Resp: 50

Ion Ratio Lower Upper

77 100

123 4.0 25.1 37.7#

65 52.0 9.3 13.9#

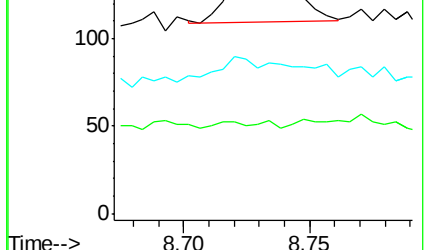
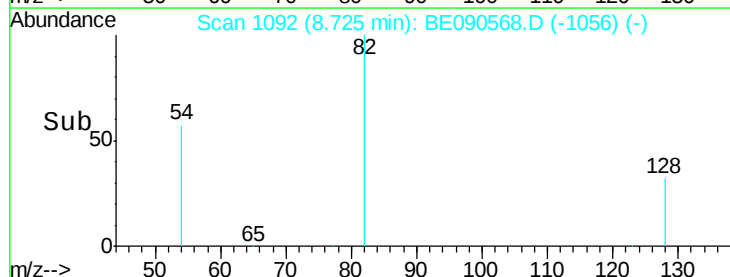


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->





#9

Naphthalene

Concen: 0.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

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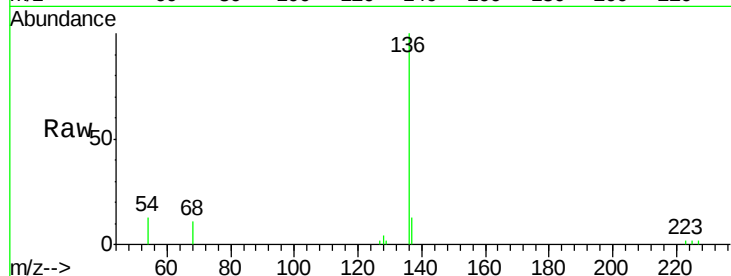
Tgt Ion:128 Resp: 110

Ion Ratio Lower Upper

128 100

129 60.0 9.8 14.6#

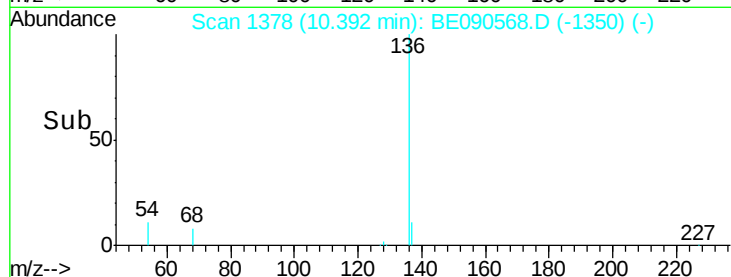
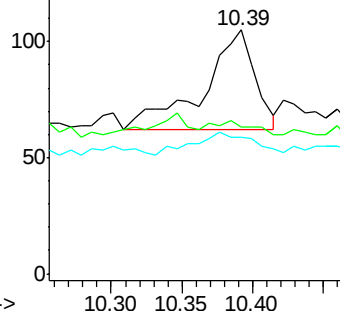
127 56.2 10.6 16.0#



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: 0.00 ng

RT: 10.69 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

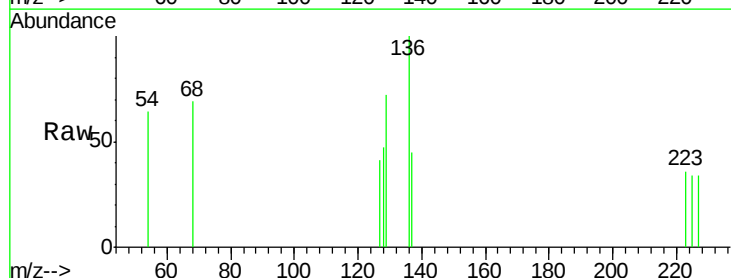
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 300.0 50.6 75.8#

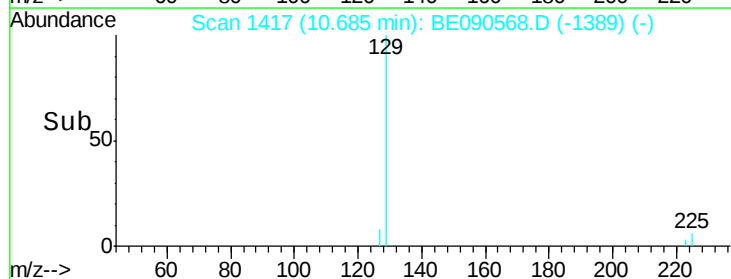
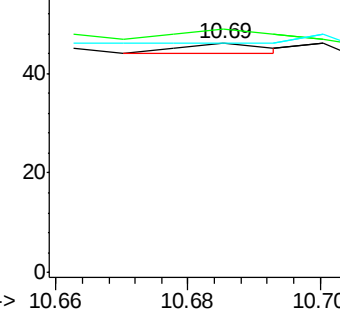
227 100.0 50.7 76.1#

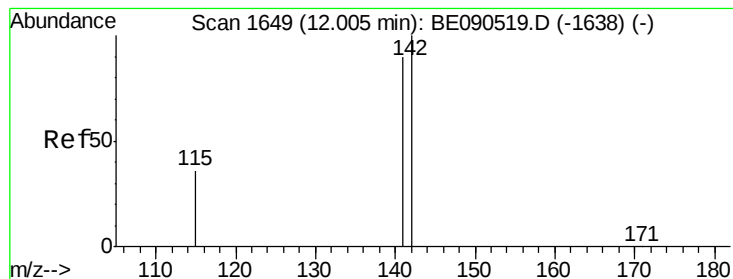


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

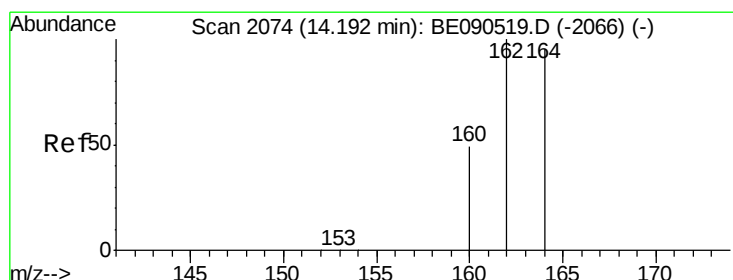
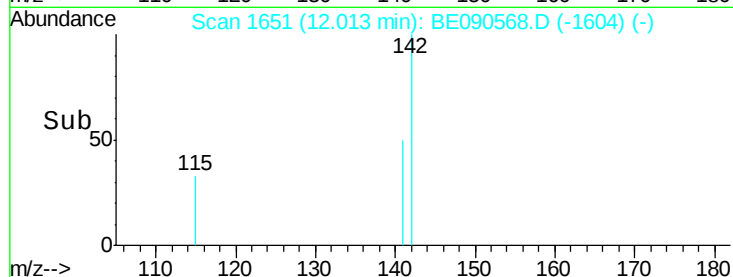
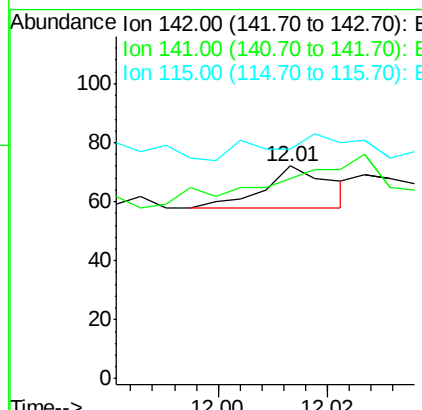
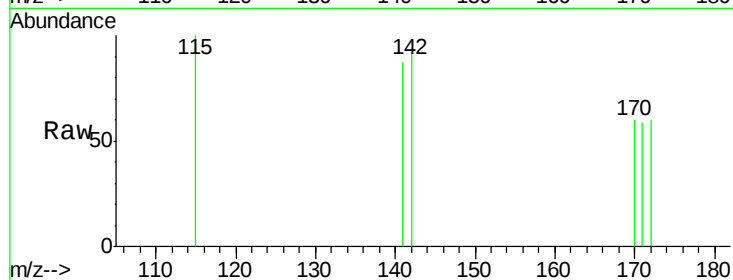




#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.01 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

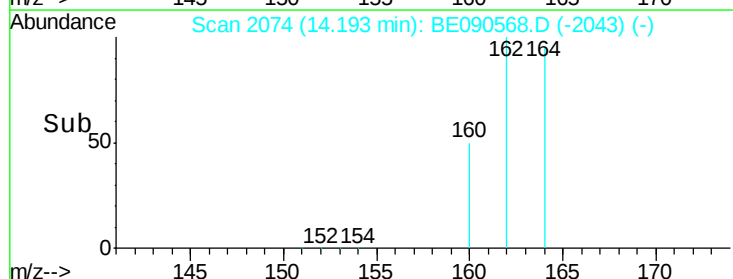
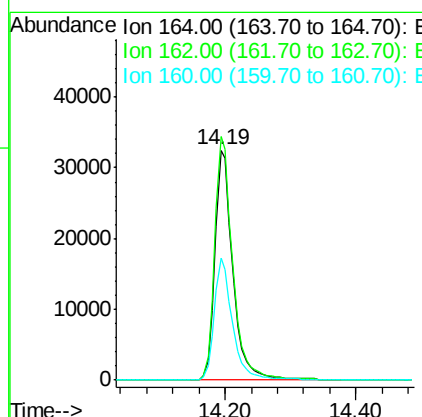
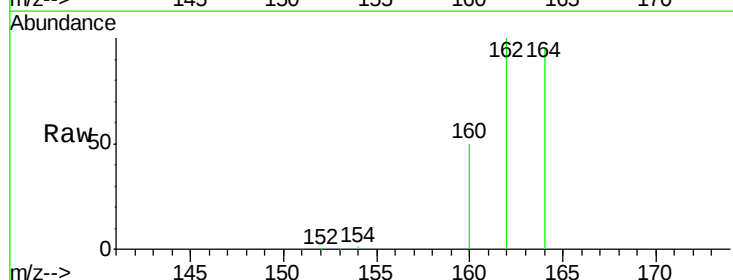
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Tgt Ion:142 Resp: 12
Ion Ratio Lower Upper
142 100
141 94.4 72.6 109.0
115 108.3 31.6 47.4#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:164 Resp: 61474
Ion Ratio Lower Upper
164 100
162 105.8 81.8 122.8
160 52.8 44.2 66.4

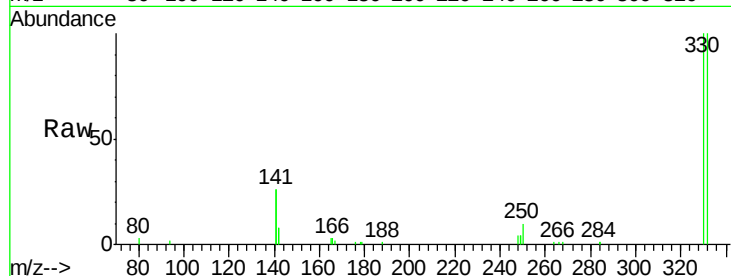




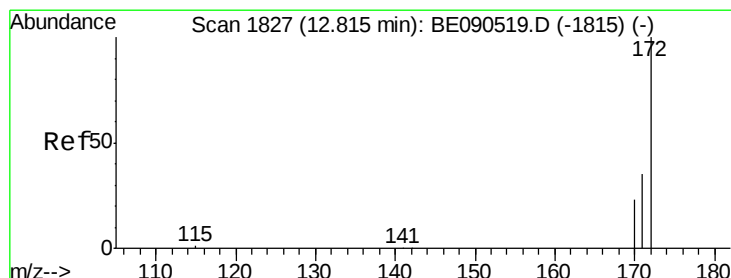
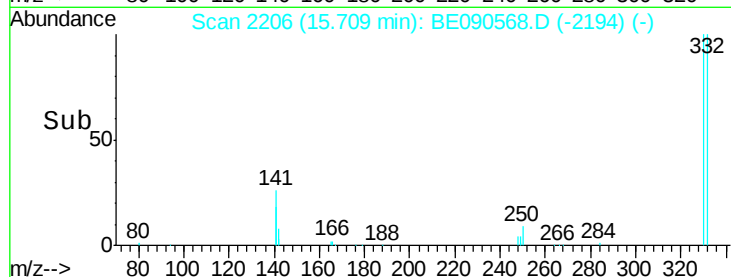
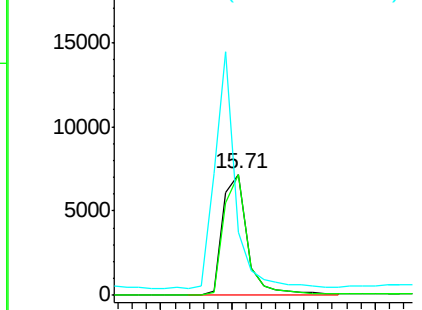
#13
 2,4,6-Tribromophenol
 Concen: 7.22 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090568.D
 Acq: 18 Aug 2015 23:43

Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-U-S

Tgt Ion:330 Resp: 17075
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.8 113.6
 141 164.8 114.4 171.6

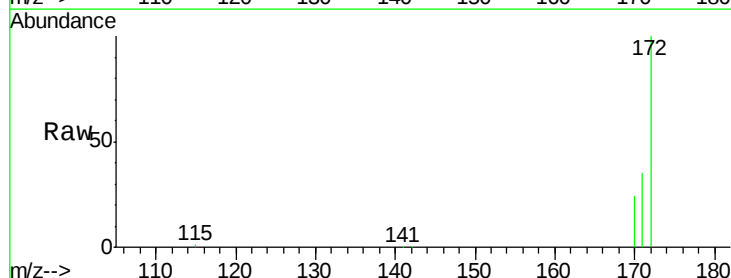


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

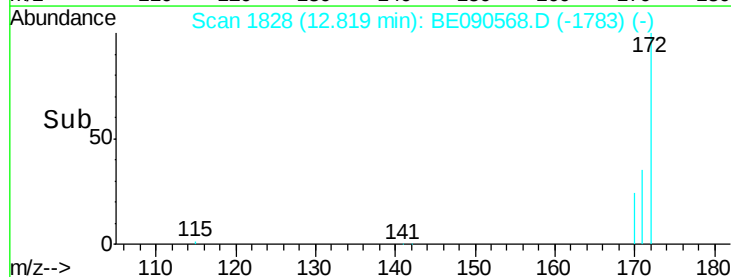
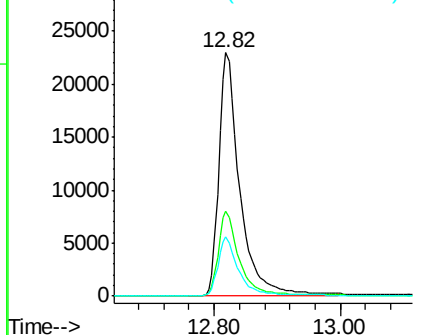


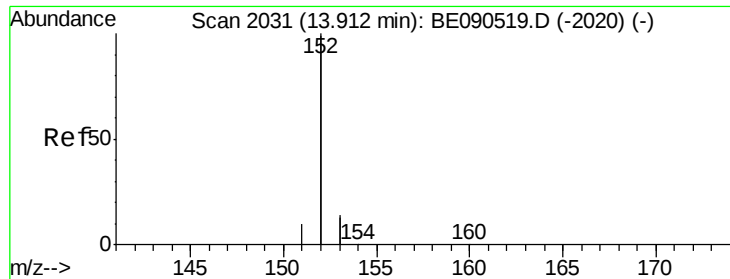
#14
 2-Fluorobiphenyl
 Concen: 2.87 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090568.D
 Acq: 18 Aug 2015 23:43

Tgt Ion:172 Resp: 52642
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 24.4 19.8 29.8



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: 0.00 ng

RT: 13.92 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

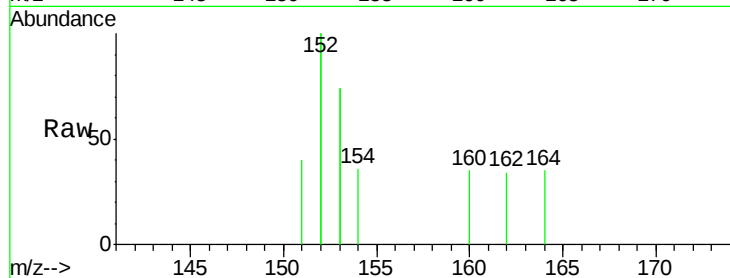
Tgt Ion:152 Resp: 182

Ion Ratio Lower Upper

152 100

151 8.8 3.8 5.8#

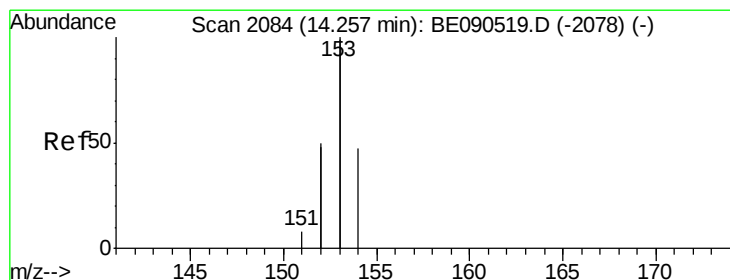
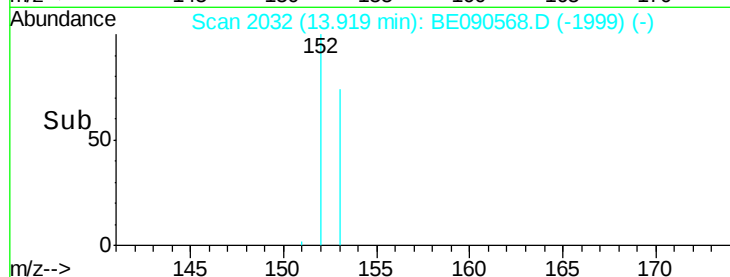
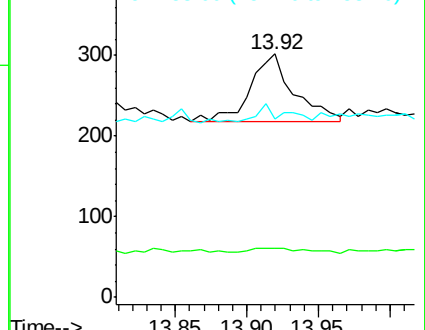
153 14.8 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.00 ng

RT: 14.26 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

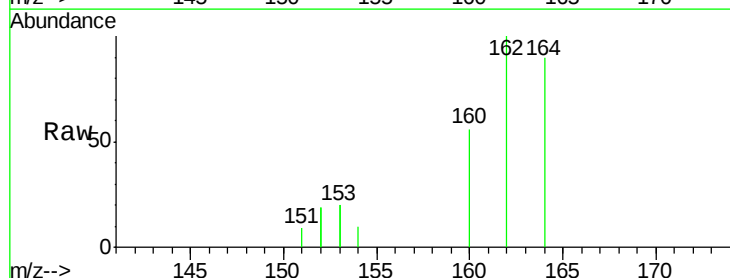
Tgt Ion:154 Resp: 31

Ion Ratio Lower Upper

154 100

153 351.6 376.2 564.2#

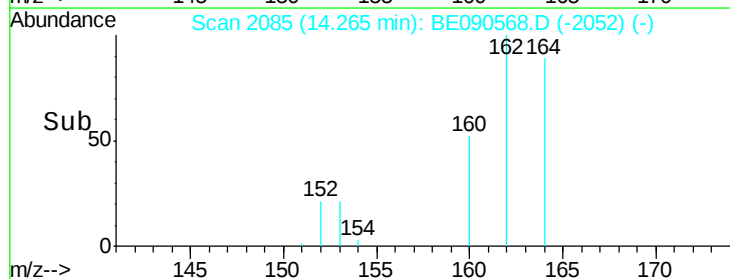
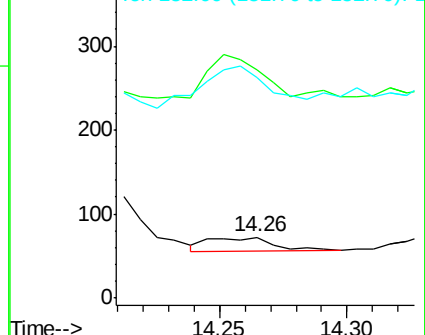
152 303.2 235.0 352.4

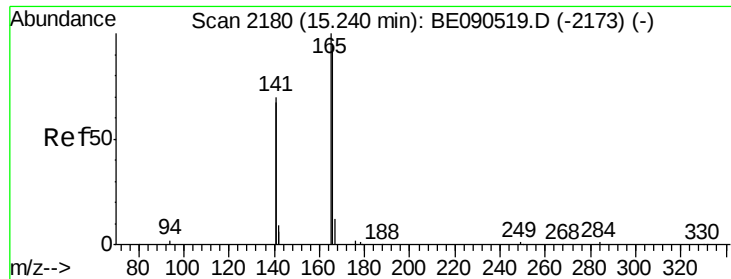


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.00 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

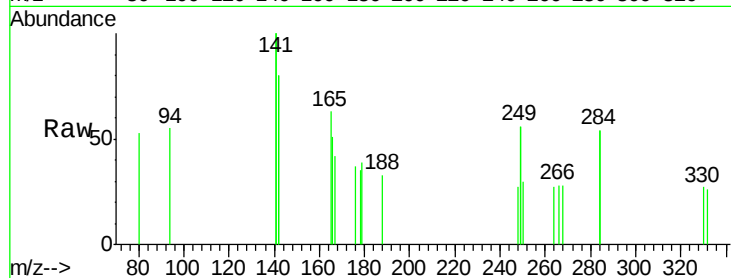
Tgt Ion:166 Resp: 84

Ion Ratio Lower Upper

166 100

165 150.0 81.5 122.3#

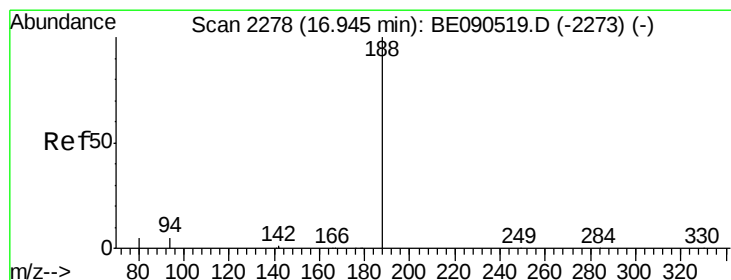
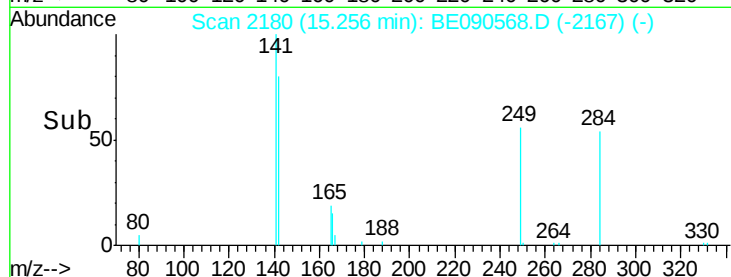
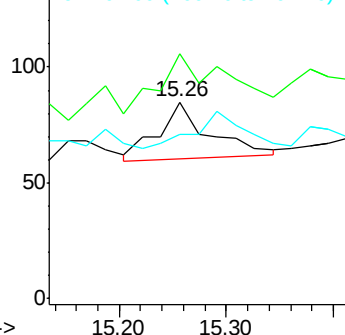
167 0.0 11.4 17.0#



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: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

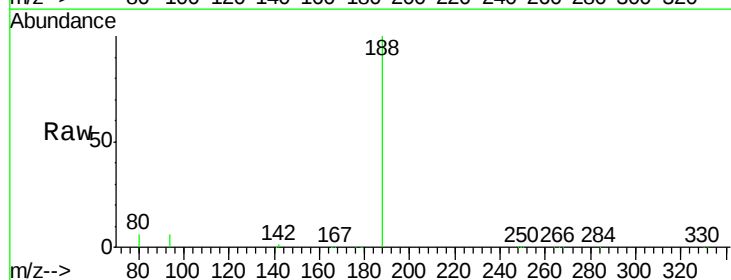
Tgt Ion:188 Resp: 132572

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

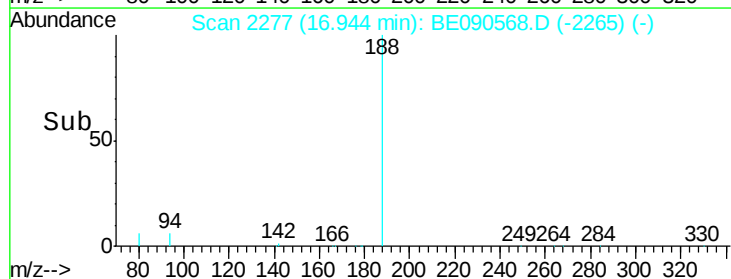
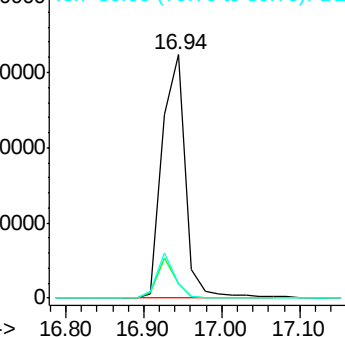
80 5.9 5.8 8.8



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: 0.00 ng

RT: 16.11 min Scan# 2229

Delta R.T. -0.03 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

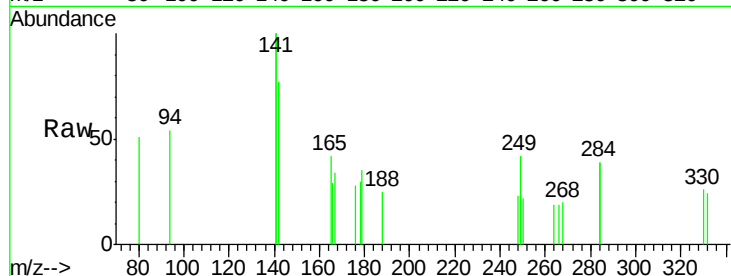
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 0.0 79.0 118.6#

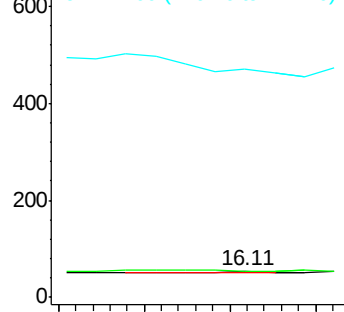
141 0.0 239.5 359.3#



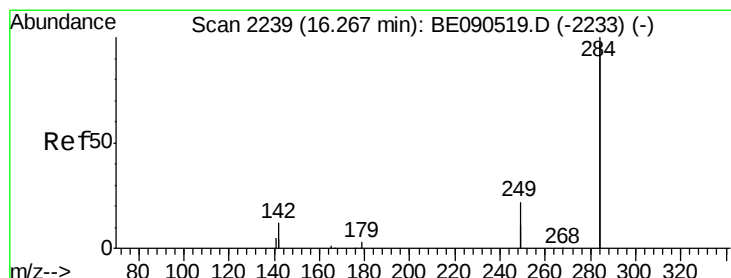
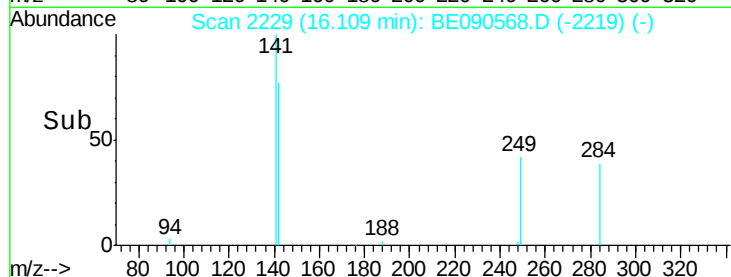
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.00 16.05 16.10 16.15



#20

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.25 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

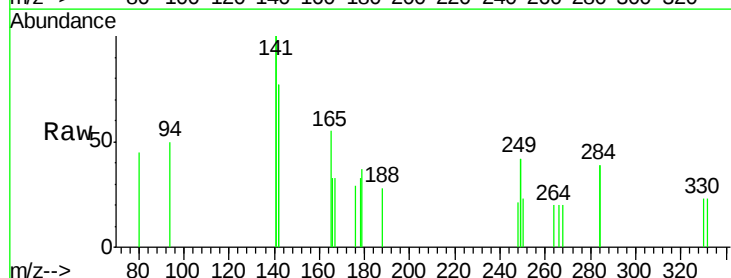
Tgt Ion:284 Resp: 27

Ion Ratio Lower Upper

284 100

142 1166.7 30.1 45.1#

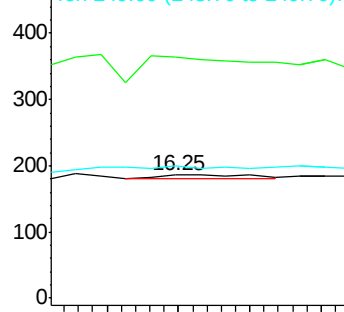
249 0.0 25.7 38.5#



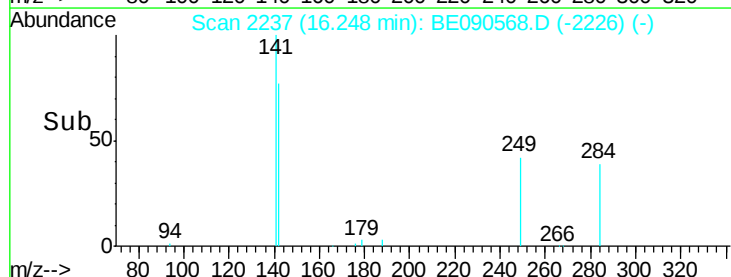
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time--> 16.20 16.25 16.30 16.35

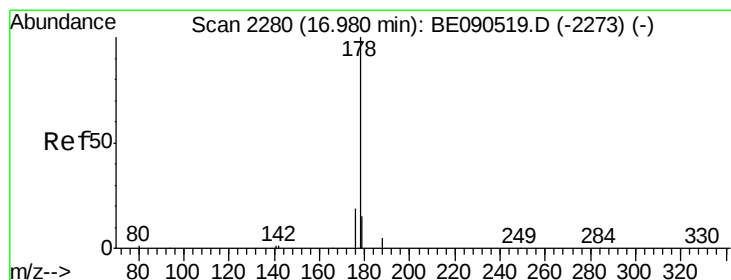
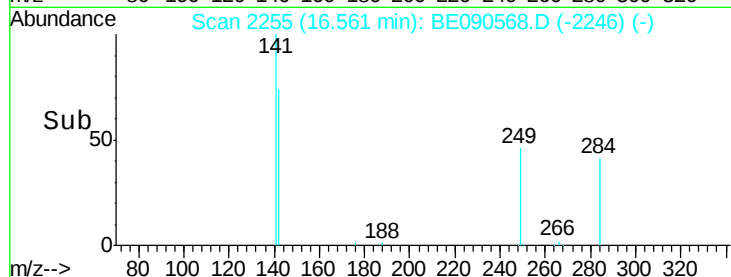
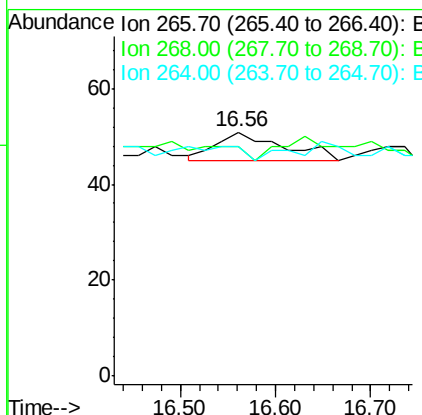
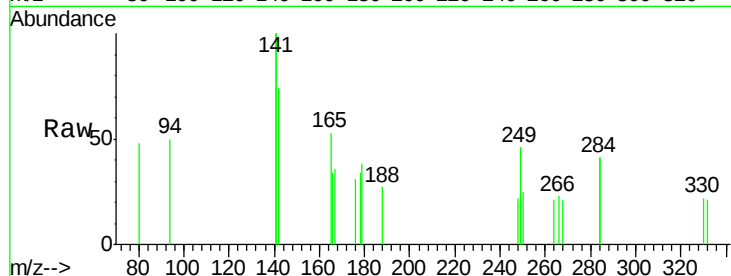




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.56 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: BE090568.D
 Acq: 18 Aug 2015 23:43

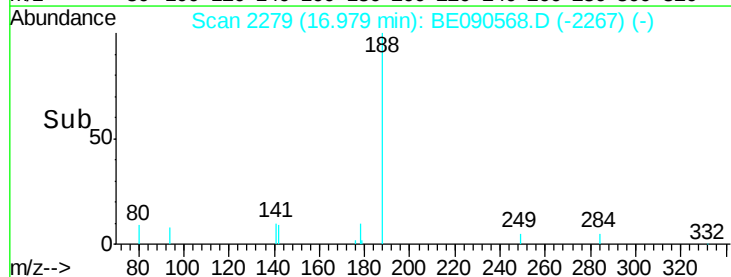
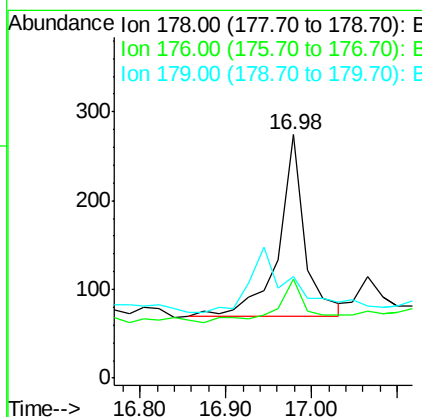
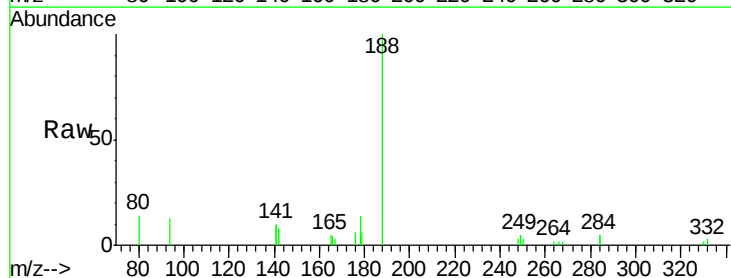
Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-U-S

Tgt Ion: 266 Resp: 28
 Ion Ratio Lower Upper
 266 100
 268 94.1 58.5 87.7#
 264 94.1 56.0 84.0#



#22
 Phenanthrene
 Concen: 0.01 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090568.D
 Acq: 18 Aug 2015 23:43

Tgt Ion: 178 Resp: 439
 Ion Ratio Lower Upper
 178 100
 176 30.1 15.4 23.2#
 179 0.0 12.5 18.7#





#23

Anthracene

Concen: 0.00 ng

RT: 17.07 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

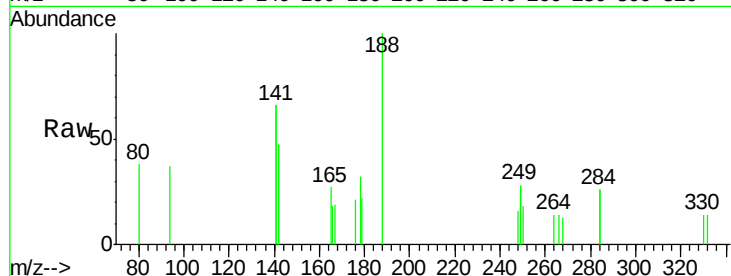
Tgt Ion:178 Resp: 78

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

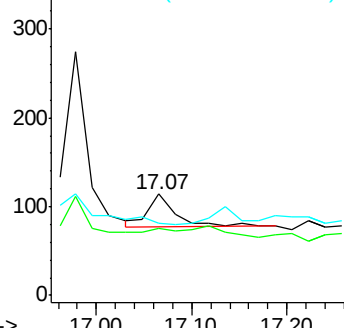
179 0.0 12.2 18.4#



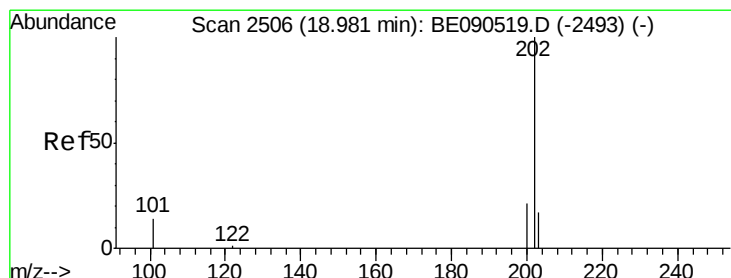
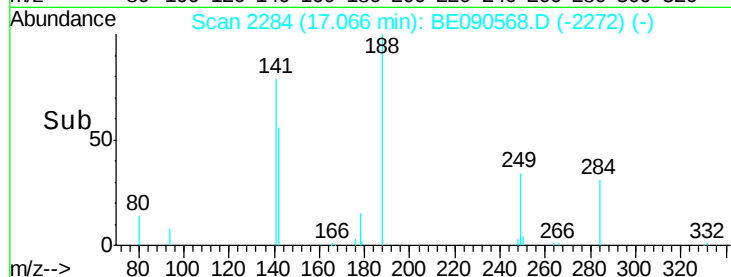
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Fluoranthene

Concen: 0.01 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

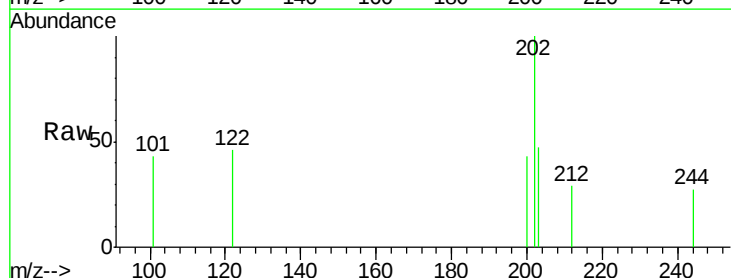
Tgt Ion:202 Resp: 217

Ion Ratio Lower Upper

202 100

101 17.5 10.3 15.5#

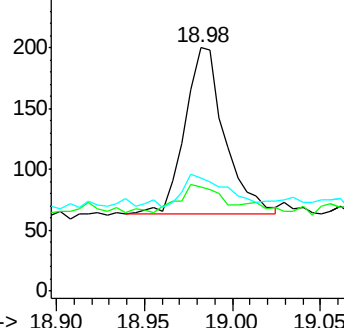
203 21.2 13.7 20.5#



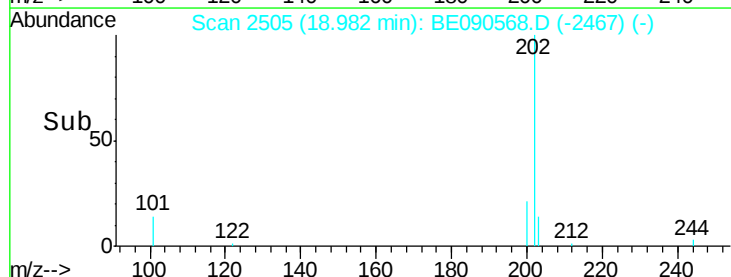
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

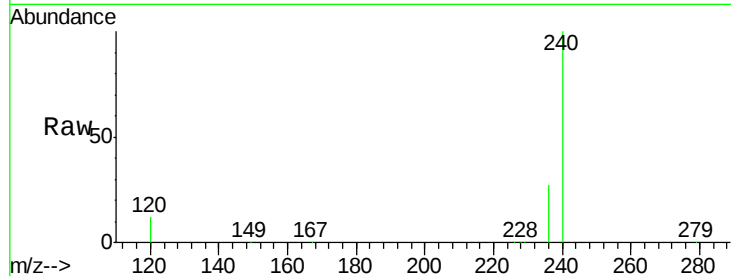
Tgt Ion:240 Resp: 128915

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

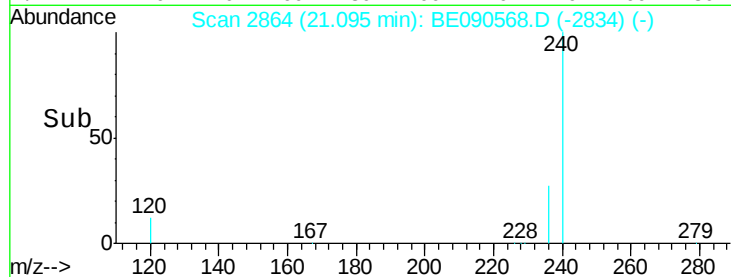
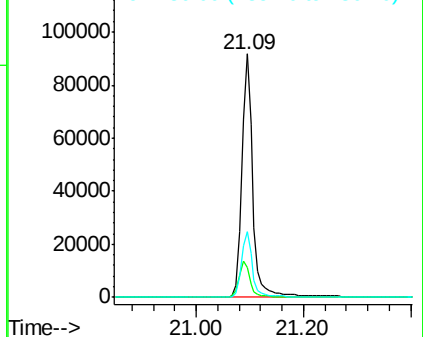
236 27.0 21.0 31.4



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: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

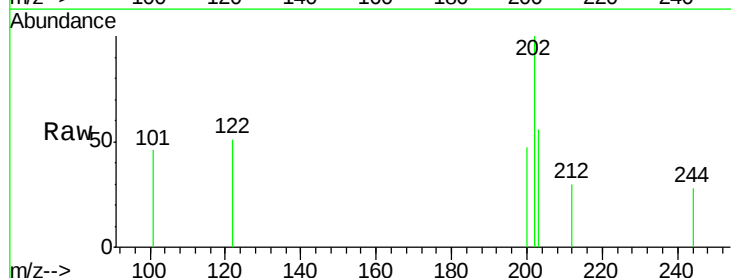
Tgt Ion:202 Resp: 238

Ion Ratio Lower Upper

202 100

200 23.9 16.7 25.1

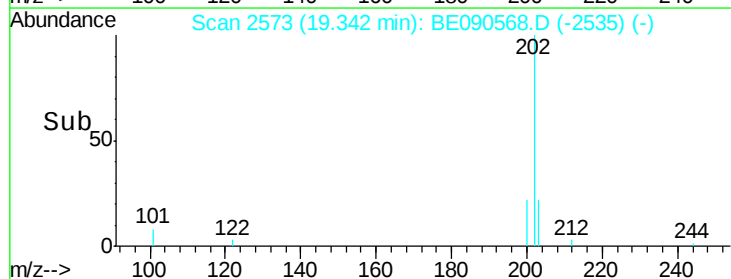
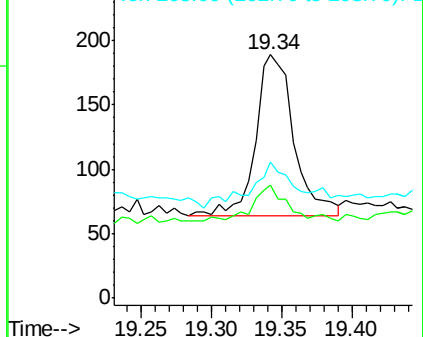
203 30.7 13.8 20.8#



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

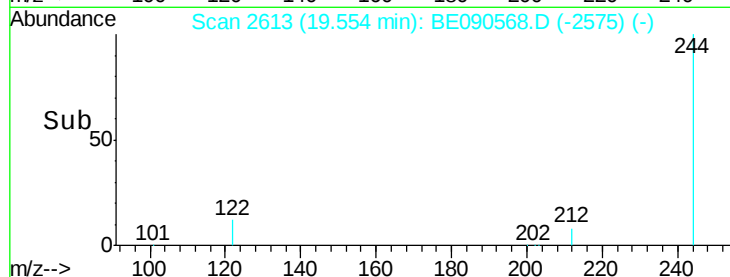
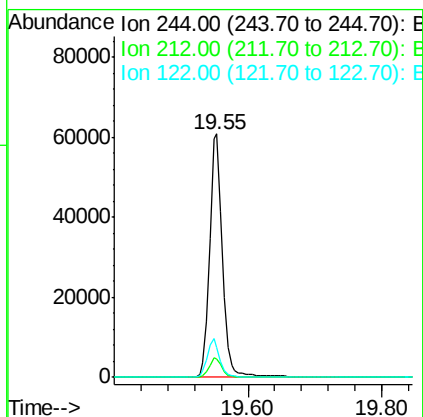
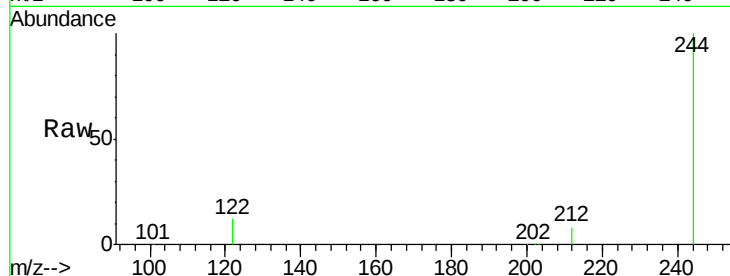




#27
 Terphenyl-d14
 Concen: 3.44 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090568.D
 Acq: 18 Aug 2015 23:43

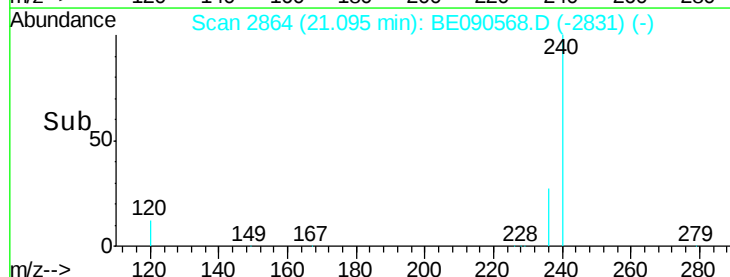
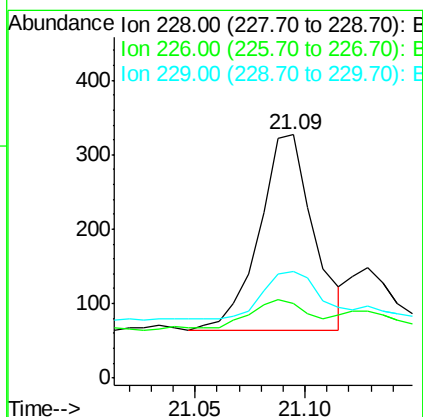
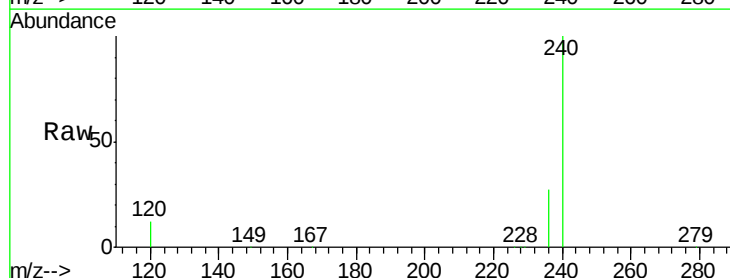
Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-U-S

Tgt Ion:244 Resp: 81217
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 12.4 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.01 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. 0.02 min
 Lab File: BE090568.D
 Acq: 18 Aug 2015 23:43

Tgt Ion:228 Resp: 454
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.9 32.9
 229 43.7 15.4 23.0#





#29

Chrysene

Concen: 0.01 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.03 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

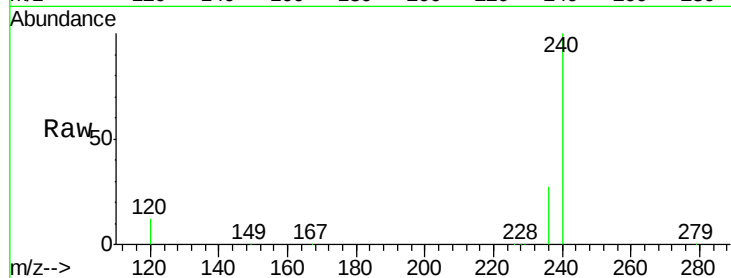
Tgt Ion:228 Resp: 454

Ion Ratio Lower Upper

228 100

226 30.9 23.1 34.7

229 43.7 15.8 23.8#



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

21.09

300

200

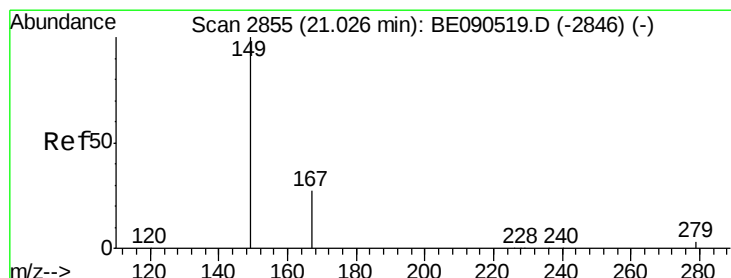
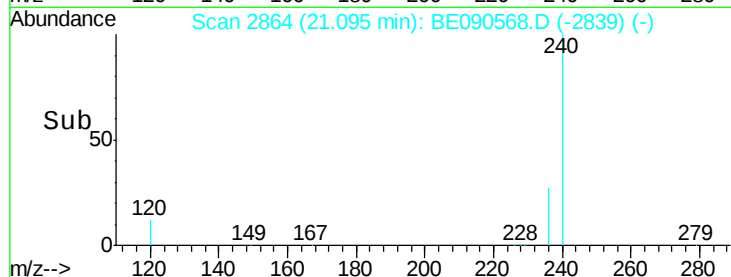
100

0

21.05

21.10

Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.37 ng

RT: 21.02 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

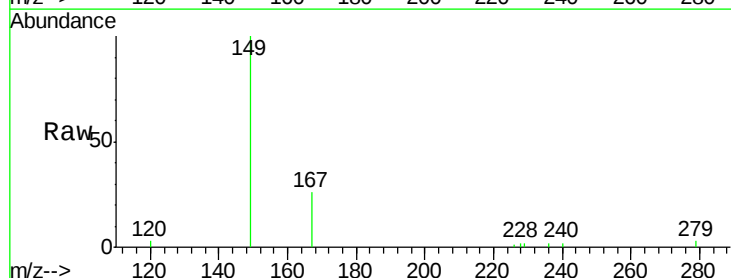
Tgt Ion:149 Resp: 4907

Ion Ratio Lower Upper

149 100

167 24.8 19.8 29.8

279 3.0 2.4 3.6



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

21.02

6000

5000

4000

3000

2000

1000

0

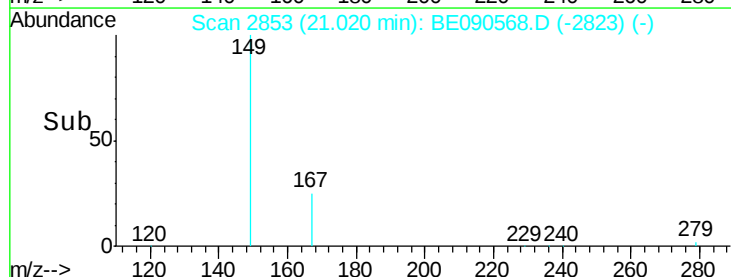
20.95

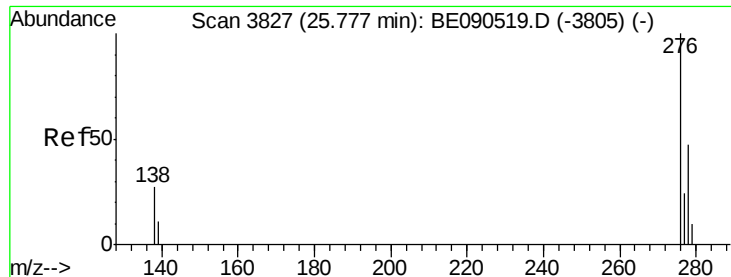
21.00

21.05

21.10

Time-->





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 25.78 min Scan# 3827

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

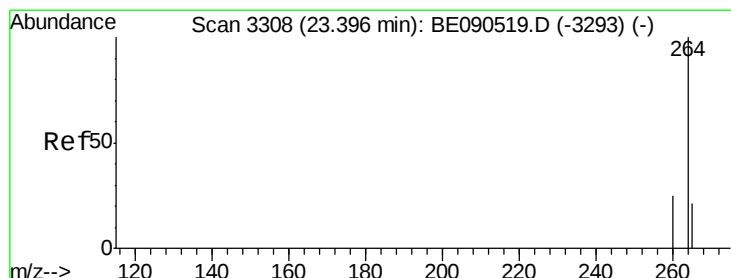
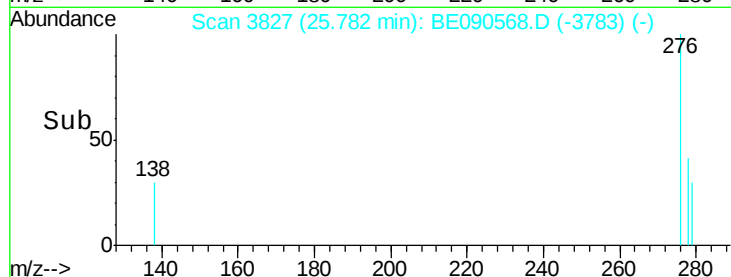
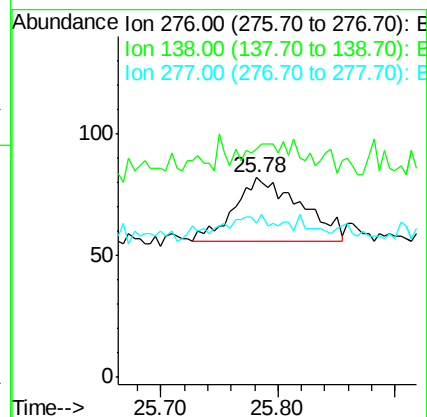
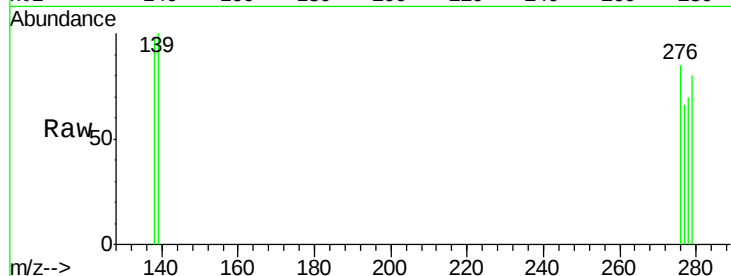
Tgt Ion:276 Resp: 101

Ion Ratio Lower Upper

276 100

138 15.8 18.8 28.2#

277 17.8 18.2 27.4#



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

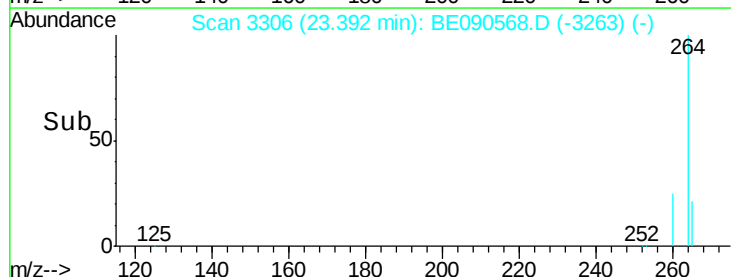
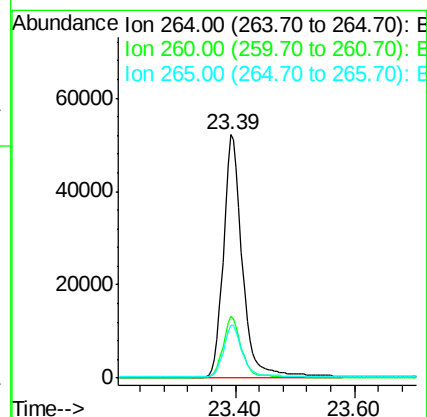
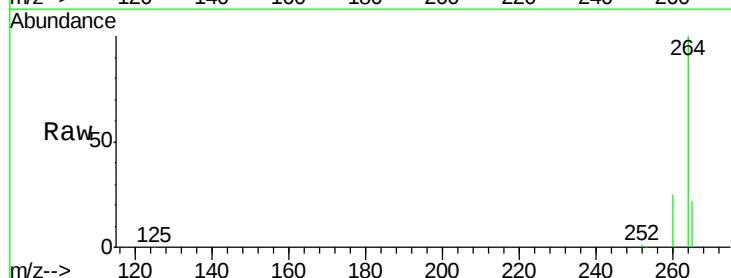
Tgt Ion:264 Resp: 116730

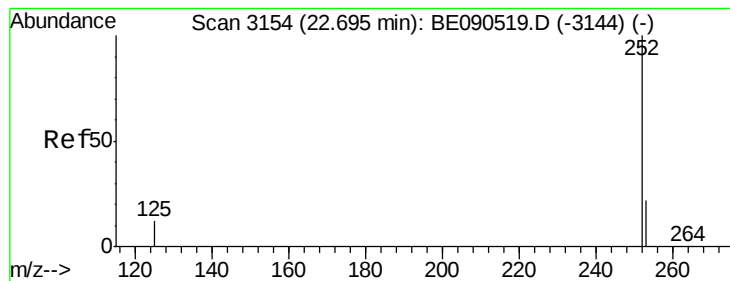
Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 21.9 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 22.70 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BE090568.D

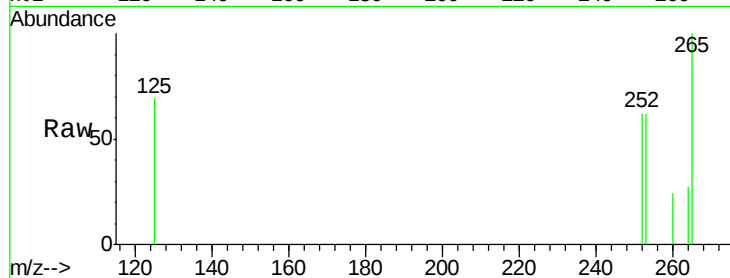
Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S



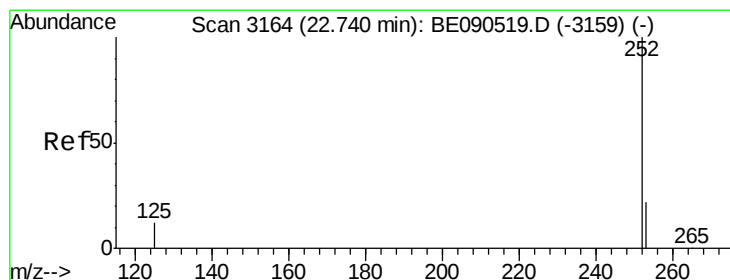
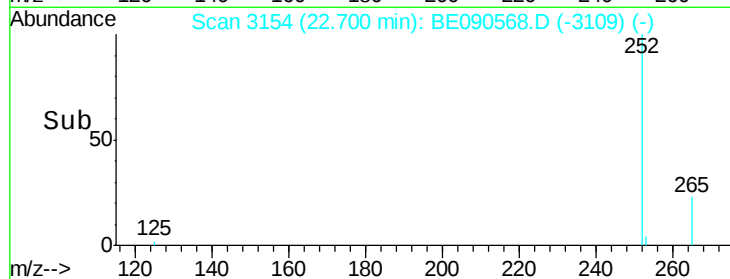
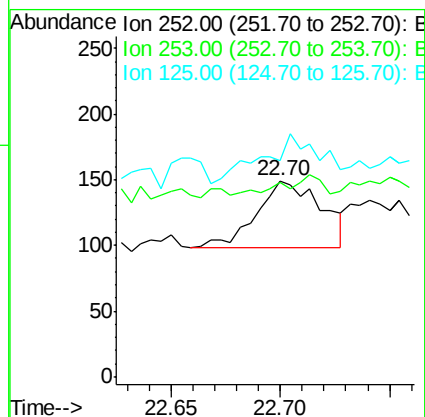
Tgt Ion:252 Resp: 106

Ion Ratio Lower Upper

252 100

253 99.3 18.1 27.1#

125 110.7 9.4 14.2#



#34

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.04 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

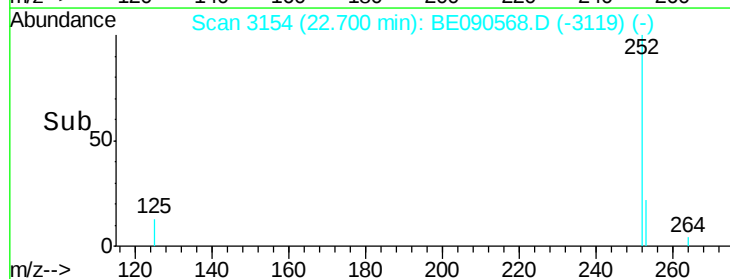
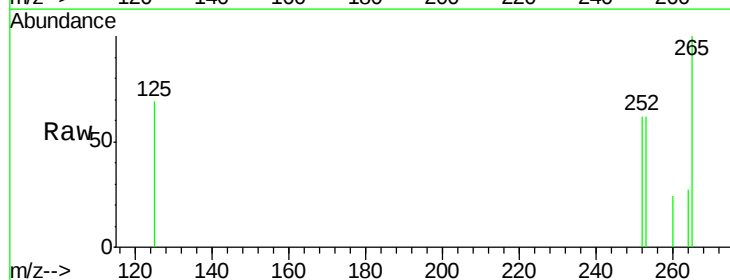
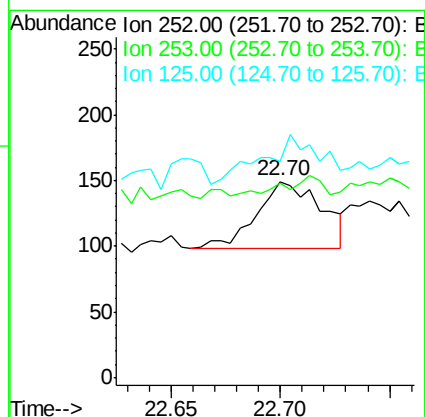
Tgt Ion:252 Resp: 106

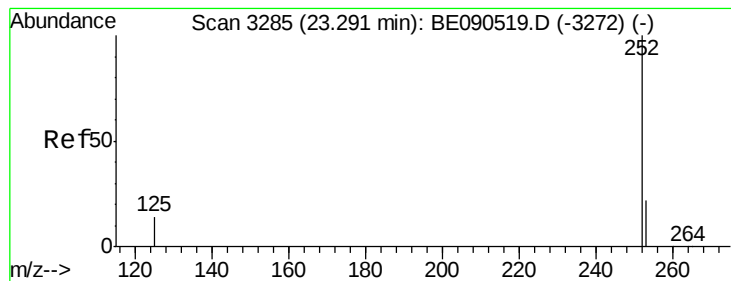
Ion Ratio Lower Upper

252 100

253 99.3 18.1 27.1#

125 110.7 9.1 13.7#





#35

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.30 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S

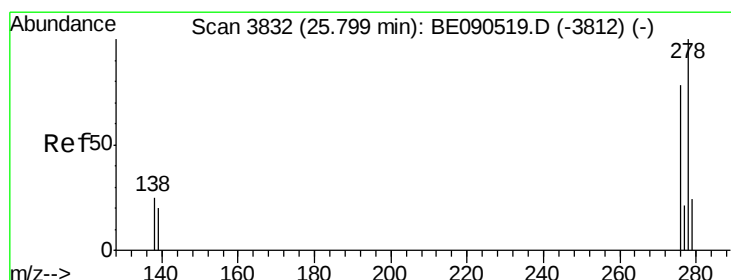
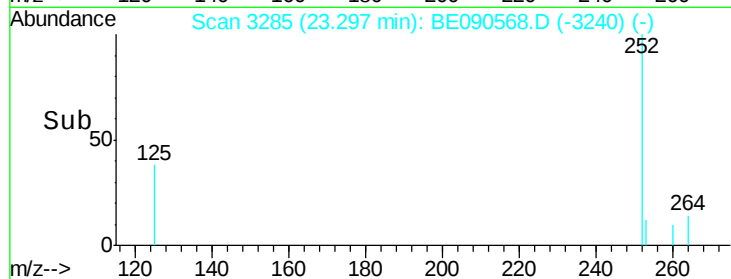
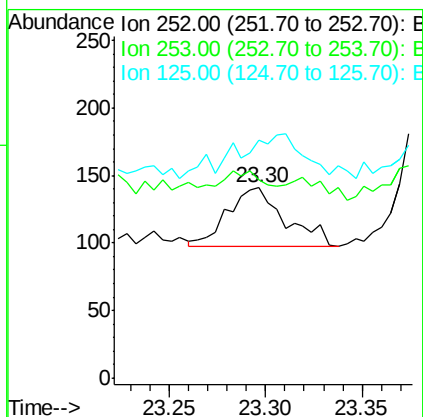
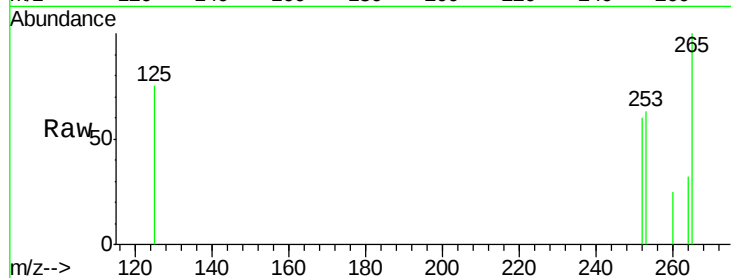
Tgt Ion: 252 Resp: 92

Ion Ratio Lower Upper

252 100

253 104.3 17.6 26.4#

125 124.8 9.8 14.6#



#36

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 25.80 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BE090568.D

Acq: 18 Aug 2015 23:43

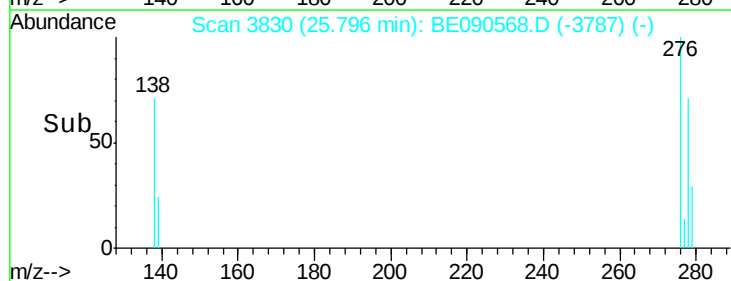
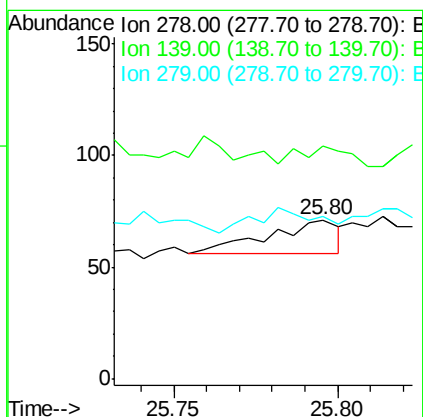
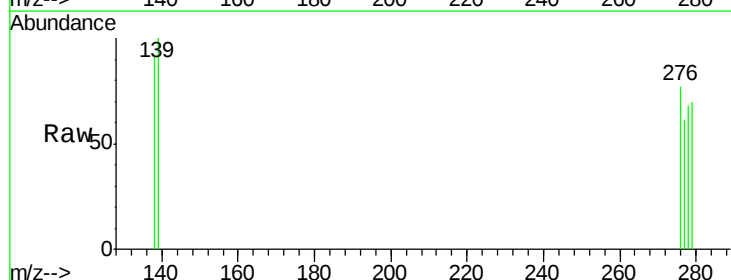
Tgt Ion: 278 Resp: 23

Ion Ratio Lower Upper

278 100

139 146.5 14.2 21.4#

279 102.8 20.1 30.1#





#37

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 26.52 min Scan# 3989

Delta R.T. 0.01 min

Lab File: BE090568.D

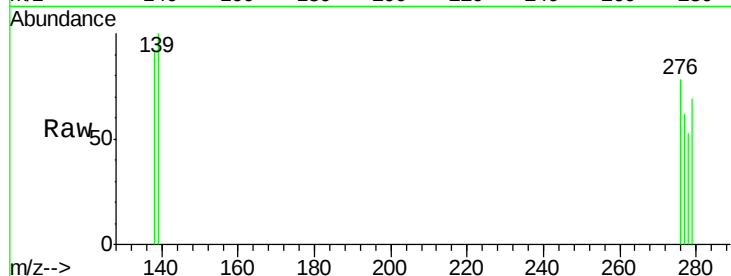
Acq: 18 Aug 2015 23:43

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-U-S



Tgt Ion: 276 Resp: 108

Ion Ratio Lower Upper

276 100

277 79.5 20.1 30.1#

138 116.9 18.1 27.1#

