

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090560.D
 Acq On : 18 Aug 2015 18:48
 Operator : UM/IZ
 Sample : G3329-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081515-D534-F-U-S

Quant Time: Aug 19 02:33:31 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	21228	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	106733	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	57646	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	125931	5.00	ng	0.00
25) Chrysene-d12	21.09	240	123111	5.00	ng	0.00
32) Perylene-d12	23.40	264	111804	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	18027	2.94	ng	0.00
5) Phenol-d6	6.78	99	16069	1.78	ng	0.00
7) Nitrobenzene-d5	8.73	82	30215	3.55	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	19551	8.81	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	65073	3.78	ng	0.00
27) Terphenyl-d14	19.55	244	94270	4.19	ng	0.00

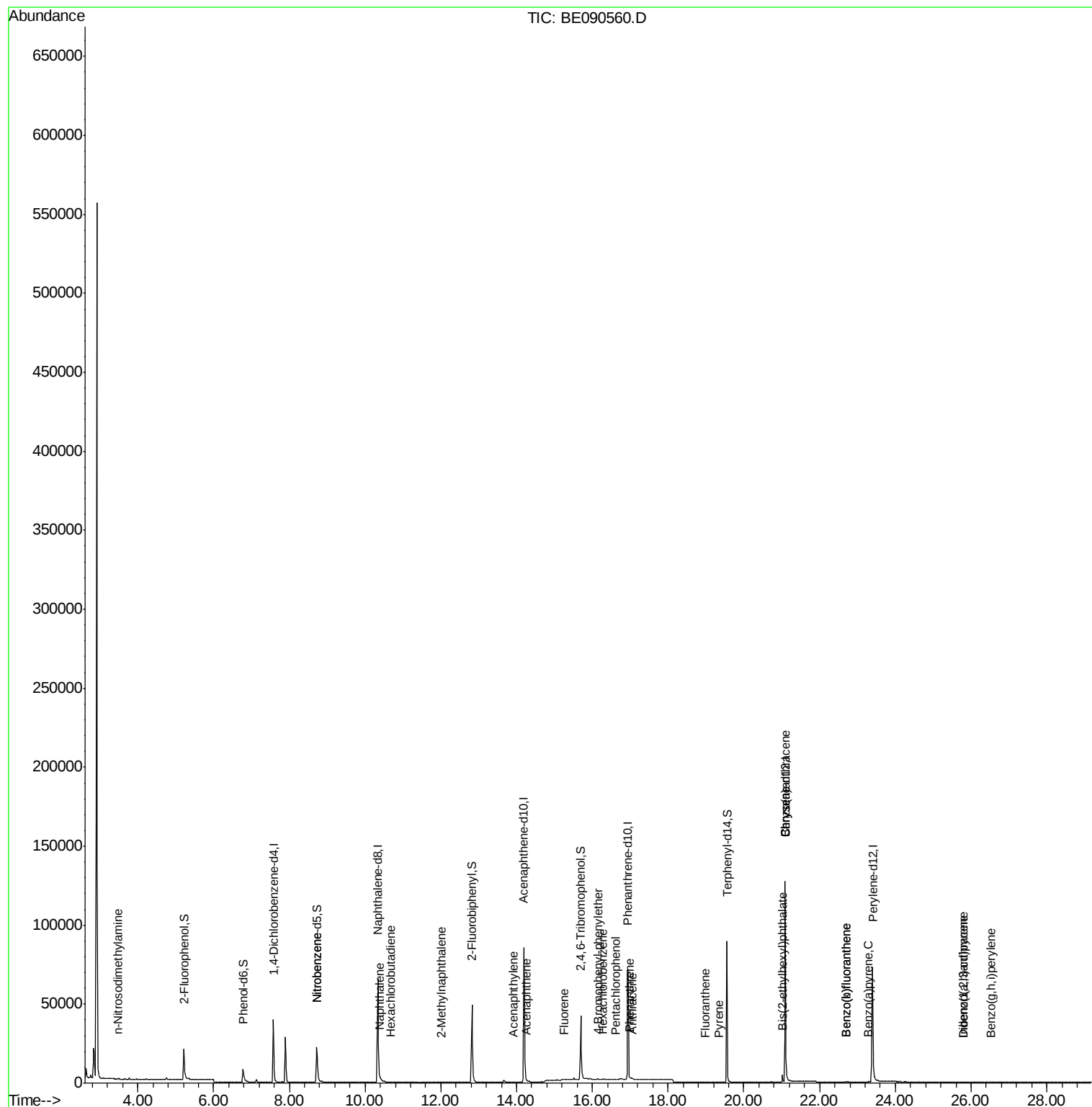
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	35	Below Cal	#	15
3) n-Nitrosodimethylamine	3.48	42	24	0.01	ng	# 1
8) Nitrobenzene	8.73	77	69	0.01	ng	# 18
9) Naphthalene	10.38	128	225	0.01	ng	# 1
10) Hexachlorobutadiene	10.69	225	2	0.00	ng	# 68
11) 2-Methylnaphthalene	12.02	142	74	0.00	ng	# 70
15) Acenaphthylene	13.91	152	187	0.00	ng	97
16) Acenaphthene	14.26	154	39	0.00	ng	# 78
17) Fluorene	15.26	166	115	0.01	ng	# 44
19) 4-Bromophenyl-phenylether	16.14	248	15	0.00	ng	# 1
20) Hexachlorobenzene	16.27	284	25	0.00	ng	# 1
21) Pentachlorophenol	16.61	266	43	0.32	ng	# 72
22) Phenanthrene	16.98	178	492	0.01	ng	# 80
23) Anthracene	17.07	178	127	0.00	ng	# 43
24) Fluoranthene	18.98	202	253	0.01	ng	# 77
26) Pyrene	19.34	202	255	0.01	ng	# 85
28) Benzo(a)anthracene	21.09	228	470	0.01	ng	# 73
29) Chrysene	21.09	228	470	0.01	ng	# 76
30) Bis(2-ethylhexyl)phthalate	21.02	149	4155	0.35	ng	100
31) Indeno(1,2,3-cd)pyrene	25.78	276	264	0.01	ng	# 73
33) Benzo(b)fluoranthene	22.70	252	158	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.70	252	158	0.01	ng	# 1
35) Benzo(a)pyrene	23.29	252	150	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.80	278	93	0.00	ng	# 1
37) Benzo(g,h,i)perylene	26.52	276	196	0.01	ng	# 1

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

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081515-D534-F-U-S

Quant Time: Aug 19 02:33:31 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

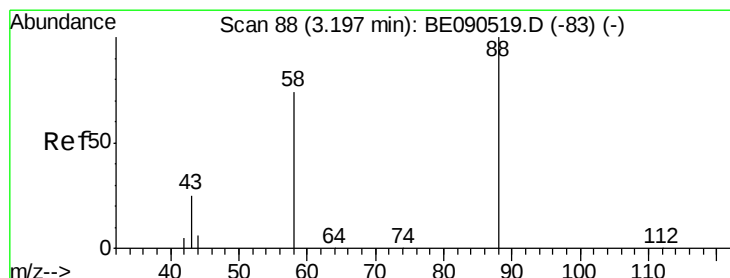
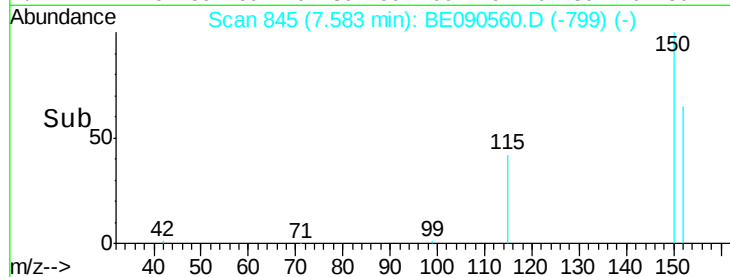
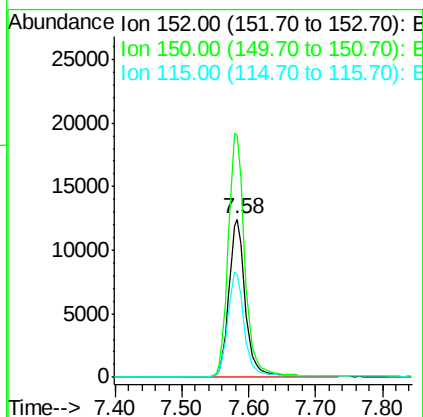
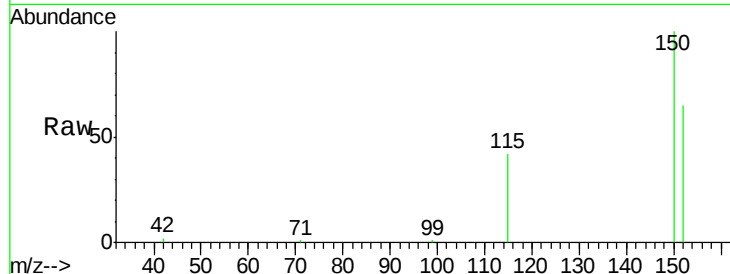




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: BE090560.D
 Acq: 18 Aug 2015 18:48

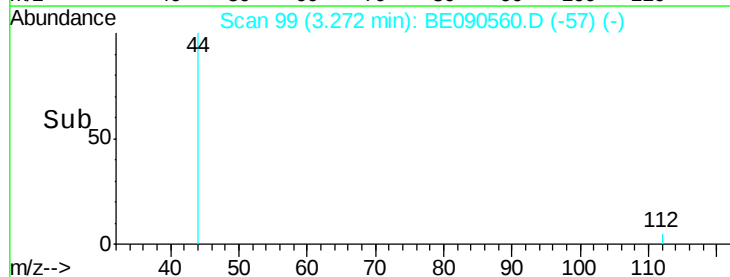
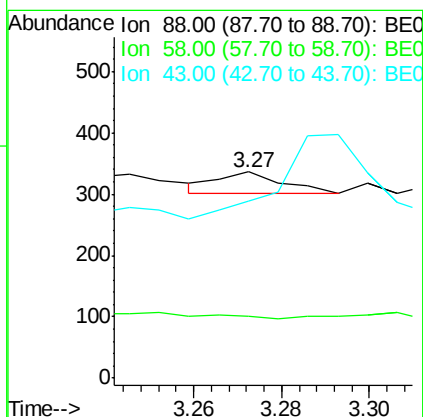
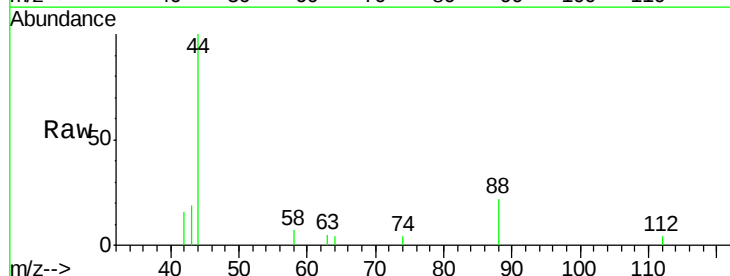
Instrument :
 BNA_E
 ClientSampleId :
 081515-D534-F-U-S

Tgt Ion: 152 Resp: 21228
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.0 184.4
 115 64.6 48.9 73.3



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.27 min Scan# 99
 Delta R.T. 0.08 min
 Lab File: BE090560.D
 Acq: 18 Aug 2015 18:48

Tgt Ion: 88 Resp: 35
 Ion Ratio Lower Upper
 88 100
 58 0.0 70.0 105.0#
 43 0.0 28.4 42.6#





#3

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 3.48 min Scan# 129

Delta R.T. -0.01 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

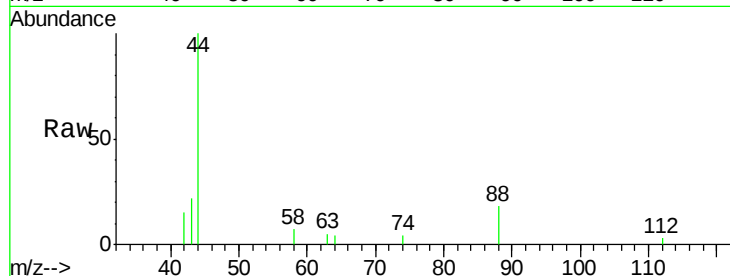
Tgt Ion: 42 Resp: 24

Ion Ratio Lower Upper

42 100

74 25.0 75.2 112.8#

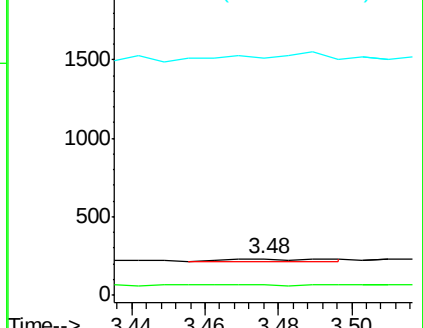
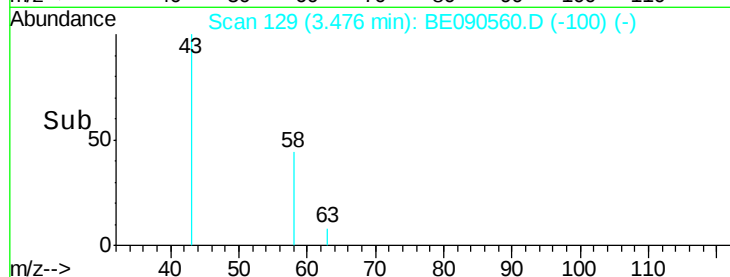
44 491.7 8.7 13.1#



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. 0.01 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

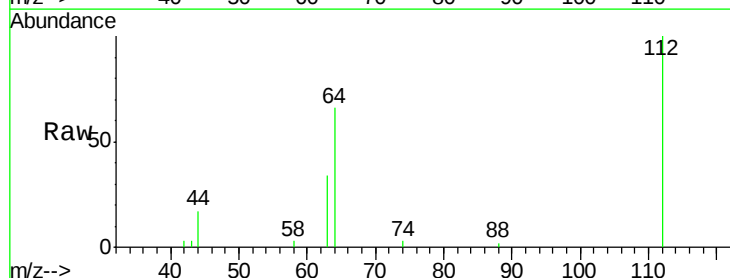
Tgt Ion: 112 Resp: 18027

Ion Ratio Lower Upper

112 100

64 68.6 37.1 55.7#

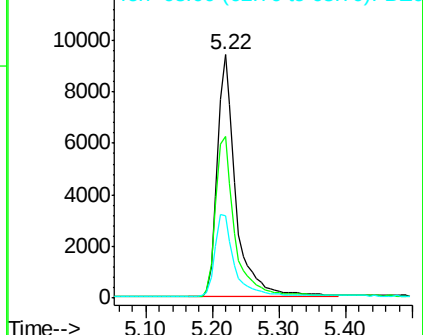
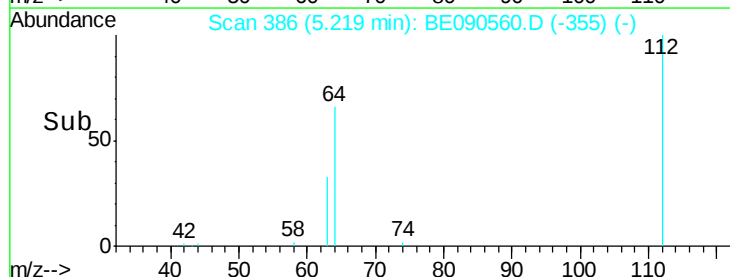
63 35.0 19.5 29.3#

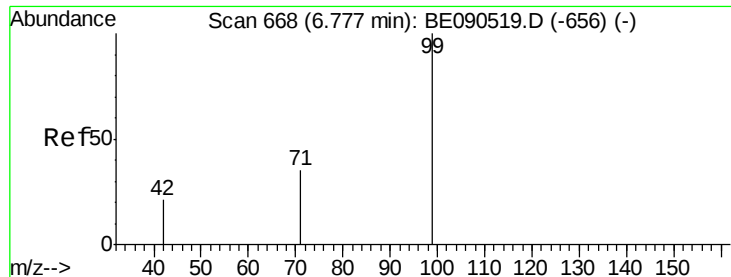


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.78 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

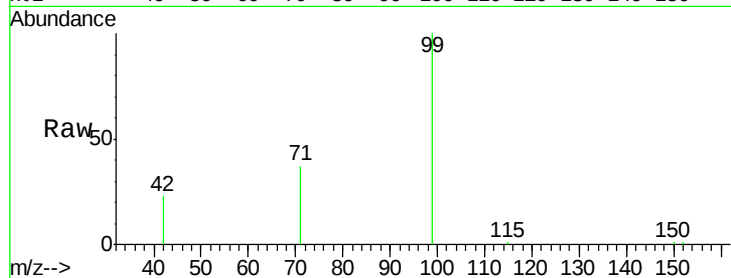
Tgt Ion: 99 Resp: 16069

Ion Ratio Lower Upper

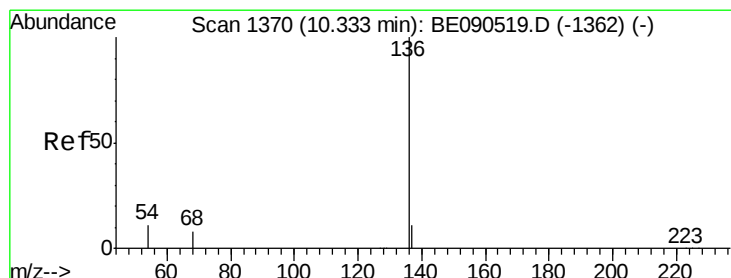
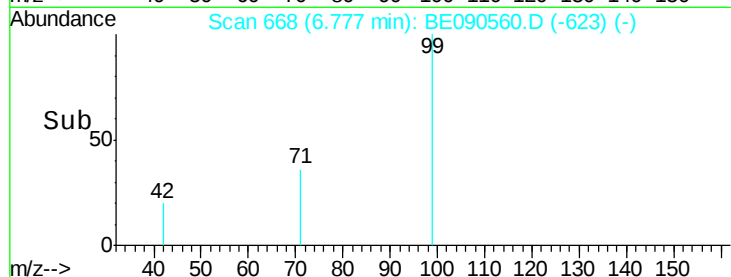
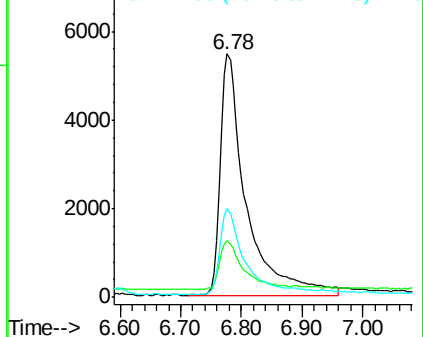
99 100

42 19.6 18.2 27.4

71 34.6 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: BE090560.D

Acq: 18 Aug 2015 18:48

Tgt Ion: 136 Resp: 106733

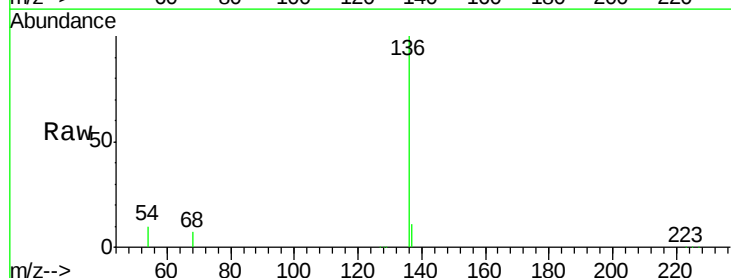
Ion Ratio Lower Upper

136 100

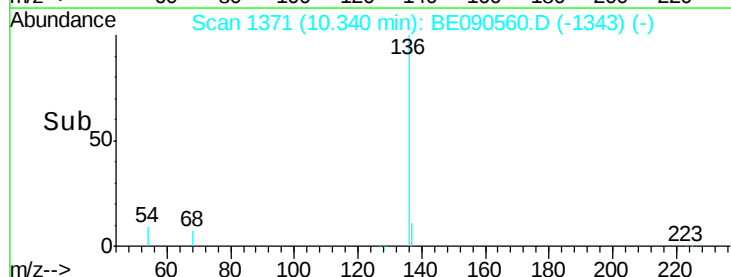
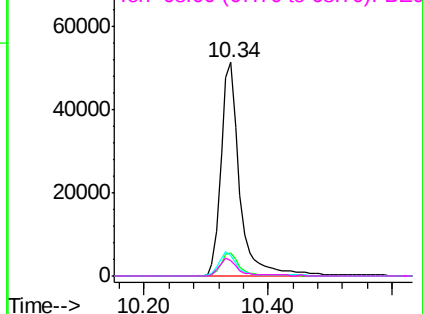
137 11.1 8.7 13.1

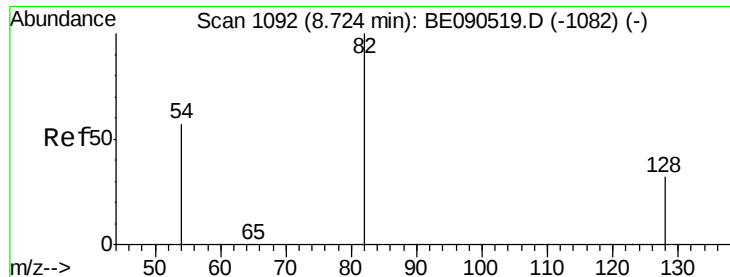
54 9.6 9.4 14.0

68 7.4 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: 3.55 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

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ClientSampleId :

081515-D534-F-U-S

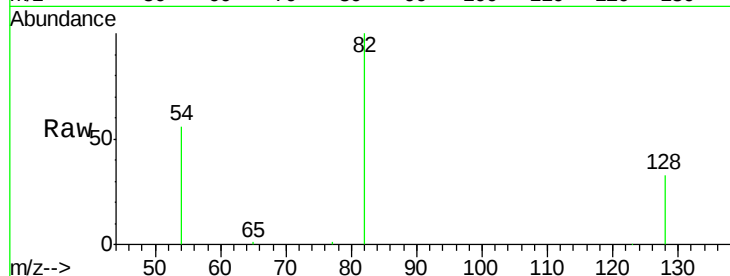
Tgt Ion: 82 Resp: 30215

Ion Ratio Lower Upper

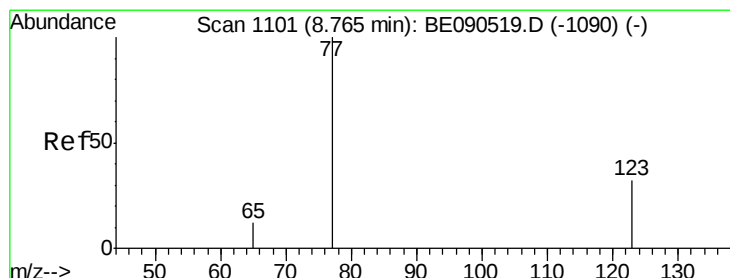
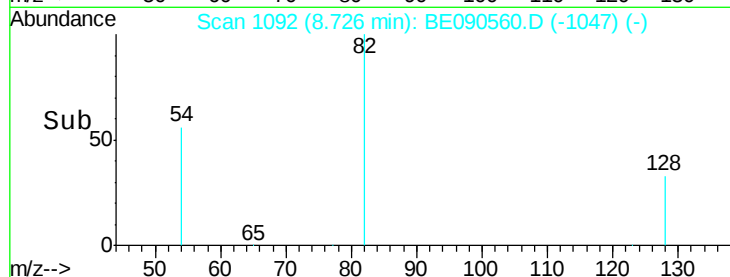
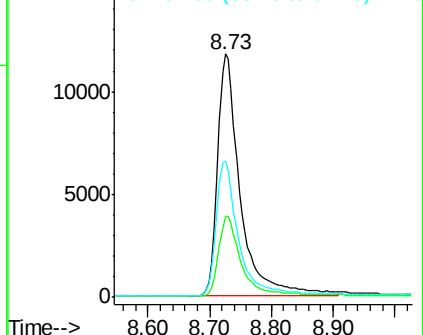
82 100

128 33.1 25.0 37.6

54 56.0 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



#8

Nitrobenzene

Concen: 0.01 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

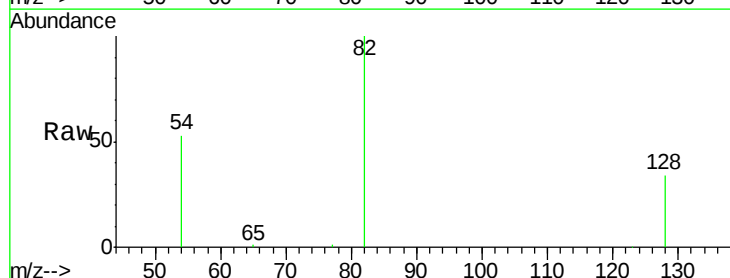
Tgt Ion: 77 Resp: 69

Ion Ratio Lower Upper

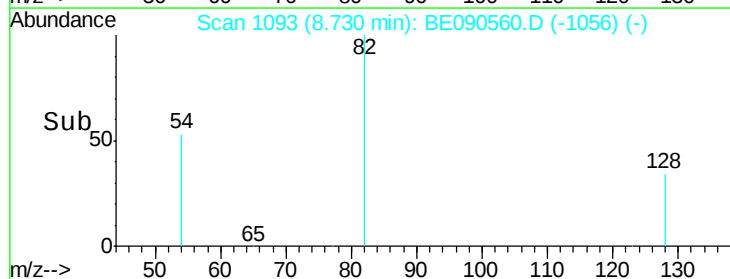
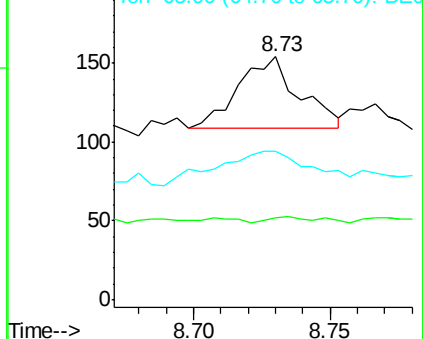
77 100

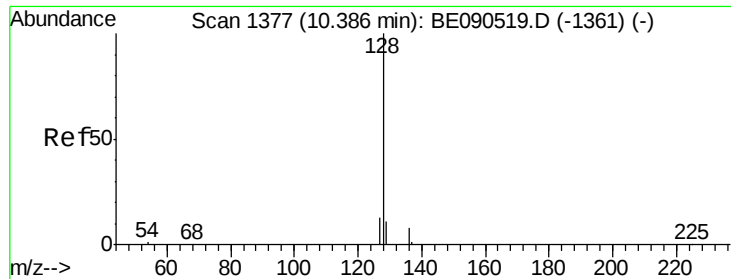
123 4.3 25.1 37.7#

65 78.3 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





#9

Naphthalene

Concen: 0.01 ng

RT: 10.38 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

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ClientSampleId :

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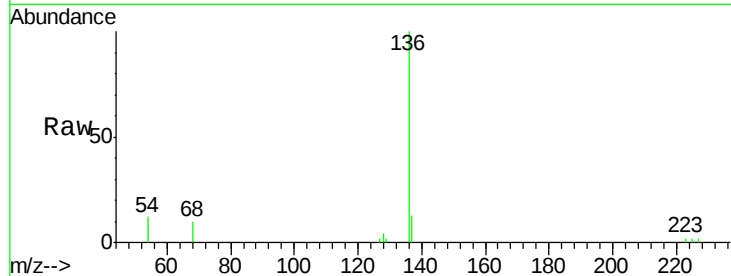
Tgt Ion:128 Resp: 225

Ion Ratio Lower Upper

128 100

129 54.8 9.8 14.6#

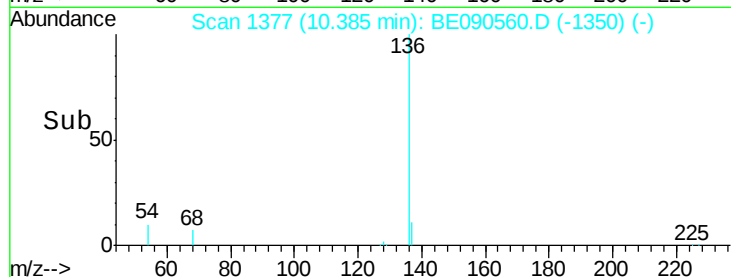
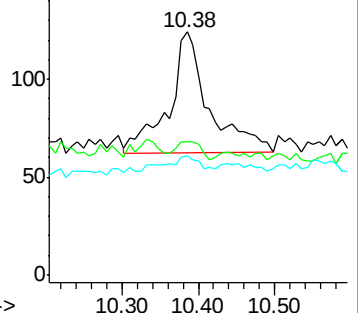
127 49.2 10.6 16.0#



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: BE090560.D

Acq: 18 Aug 2015 18:48

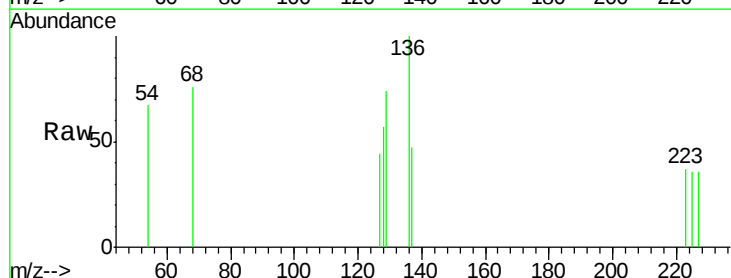
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 100.0 50.6 75.8#

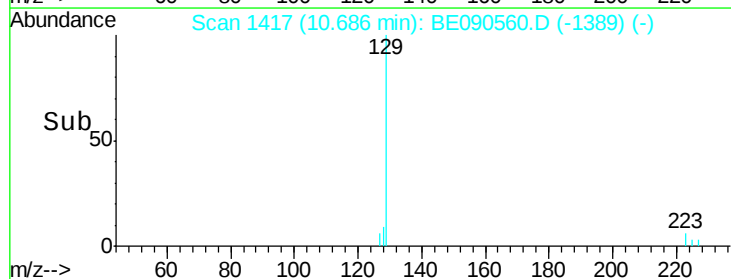
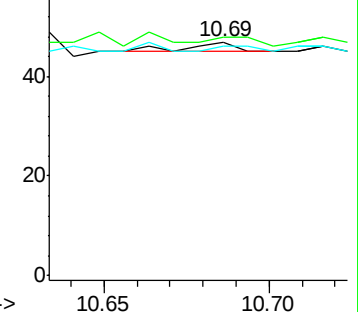
227 50.0 50.7 76.1#



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

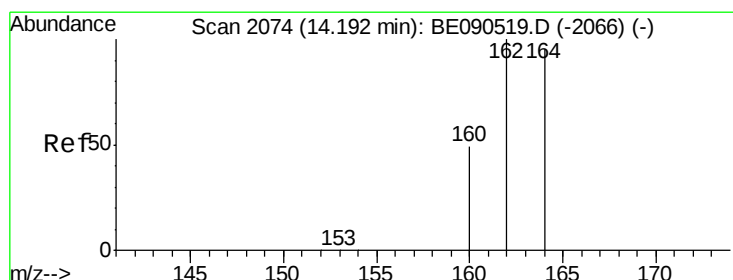
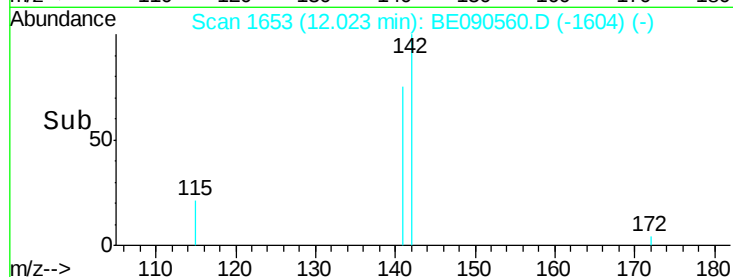
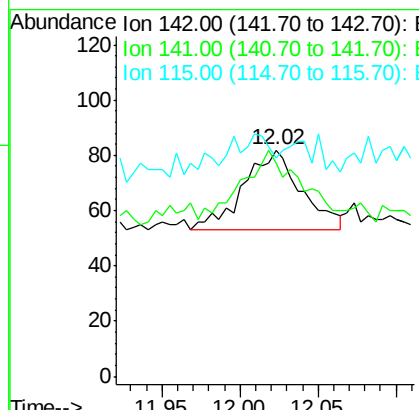
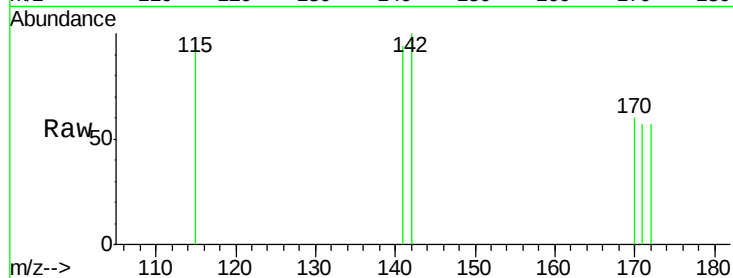




#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.02 min Scan# 1653
Delta R.T. 0.02 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

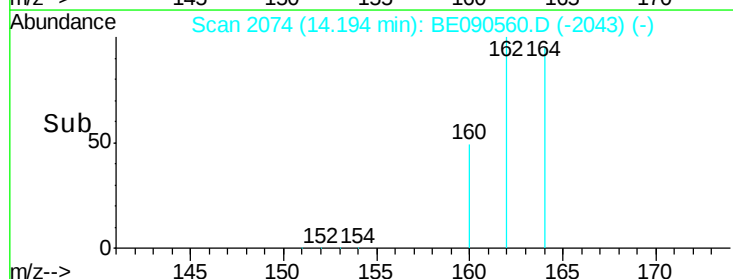
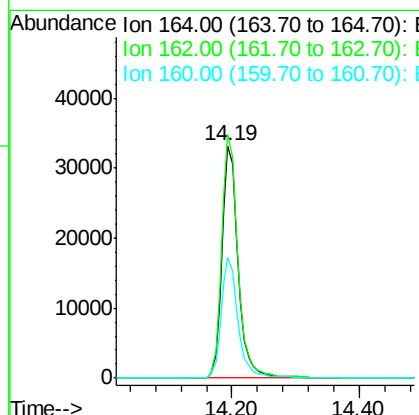
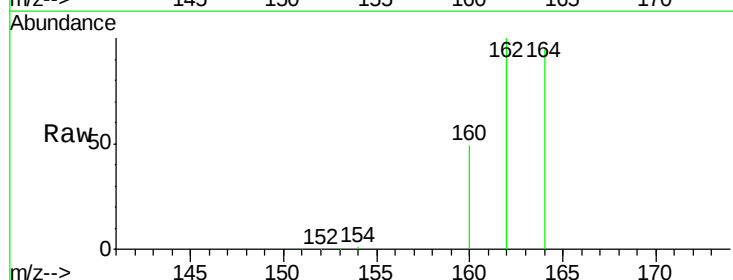
Instrument :
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081515-D534-F-U-S

Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
141 93.9 72.6 109.0
115 96.3 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: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:164 Resp: 57646
Ion Ratio Lower Upper
164 100
162 104.8 81.8 122.8
160 51.8 44.2 66.4

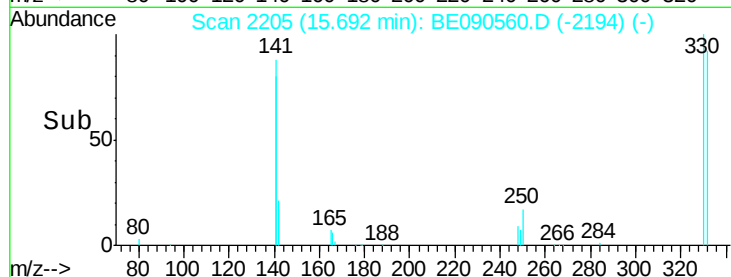
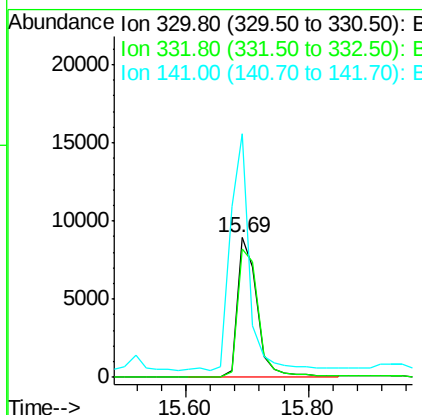
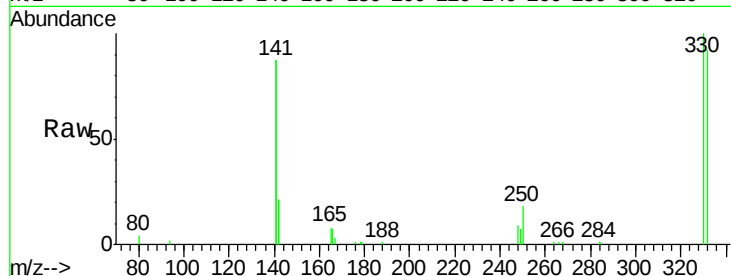




#13
 2,4,6-Tribromophenol
 Concen: 8.81 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090560.D
 Acq: 18 Aug 2015 18:48

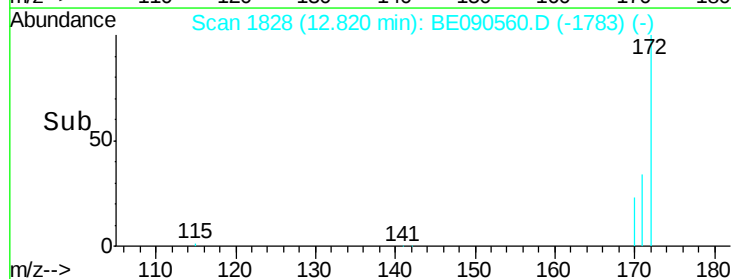
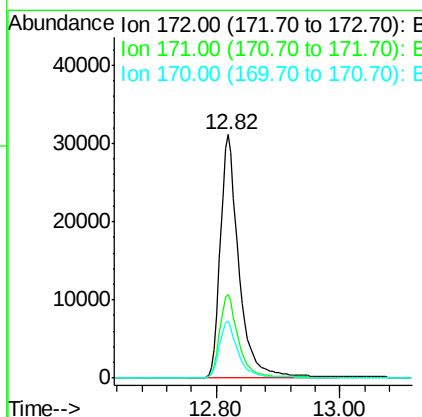
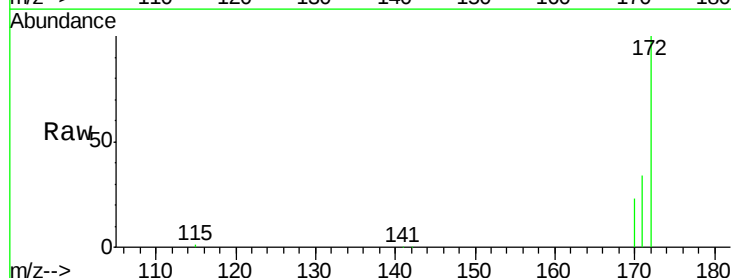
Instrument :
 BNA_E
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 081515-D534-F-U-S

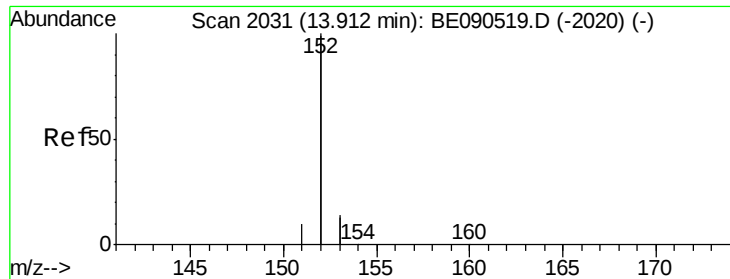
Tgt Ion:330 Resp: 19551
 Ion Ratio Lower Upper
 330 100
 332 98.2 75.8 113.6
 141 167.2 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.78 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090560.D
 Acq: 18 Aug 2015 18:48

Tgt Ion:172 Resp: 65073
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 23.2 19.8 29.8





#15

Acenaphthylene

Concen: 0.00 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

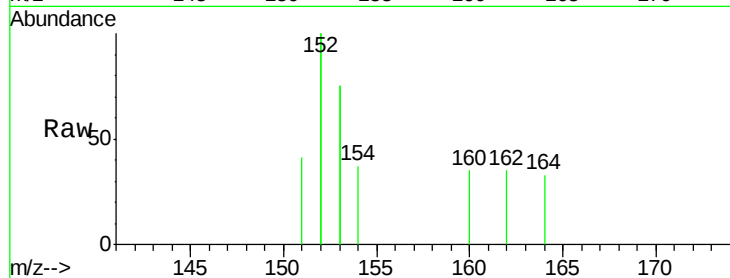
Tgt Ion:152 Resp: 187

Ion Ratio Lower Upper

152 100

151 5.3 3.8 5.8

153 11.8 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

13.91

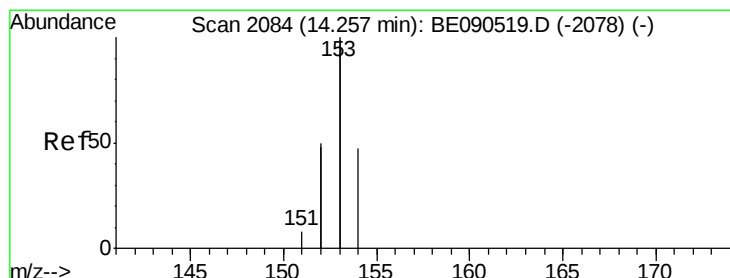
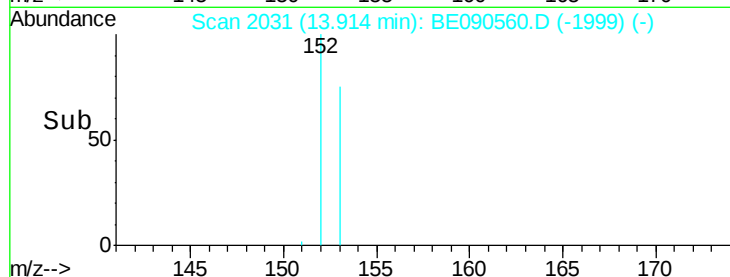
300

200

100

0

Time--> 13.85 13.90 13.95



#16

Acenaphthene

Concen: 0.00 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.01 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

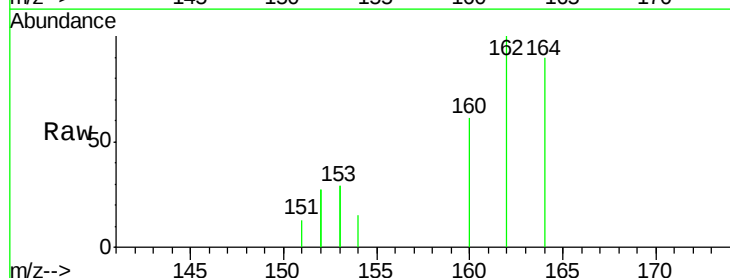
Tgt Ion:154 Resp: 39

Ion Ratio Lower Upper

154 100

153 492.3 376.2 564.2

152 210.3 235.0 352.4#



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

14.26

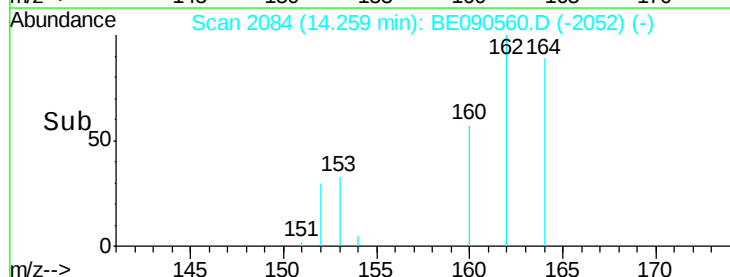
300

200

100

0

Time--> 14.25





#17

Fluorene

Concen: 0.01 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

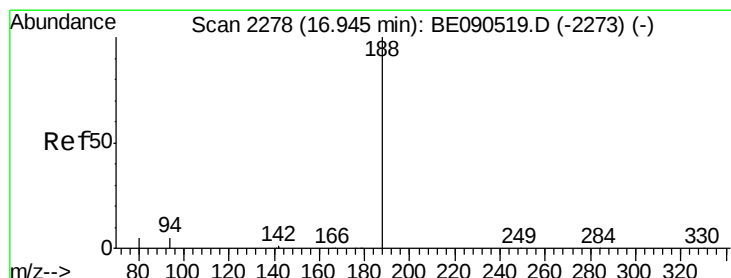
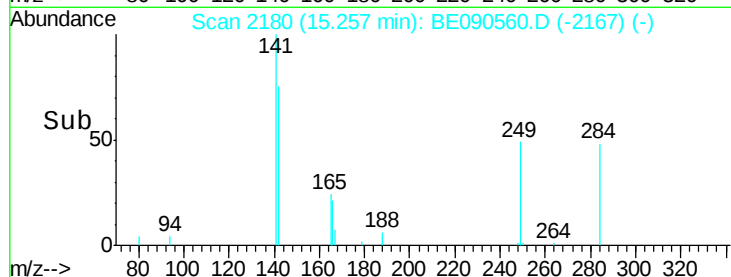
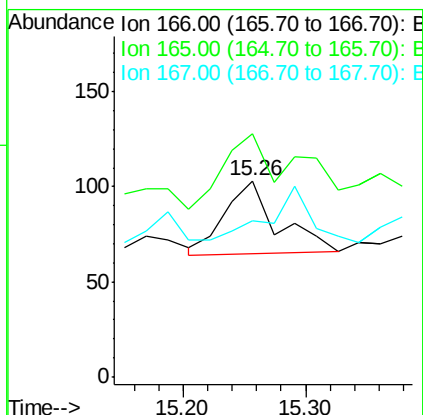
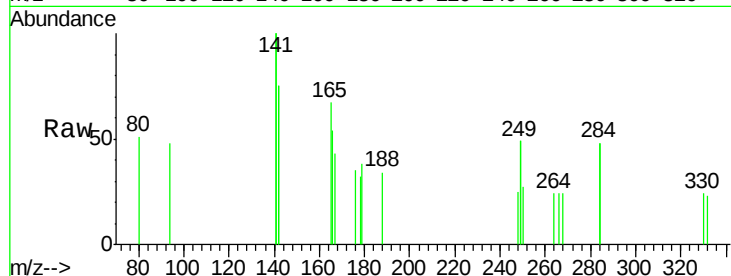
Tgt Ion:166 Resp: 115

Ion Ratio Lower Upper

166 100

165 161.7 81.5 122.3#

167 0.0 11.4 17.0#



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

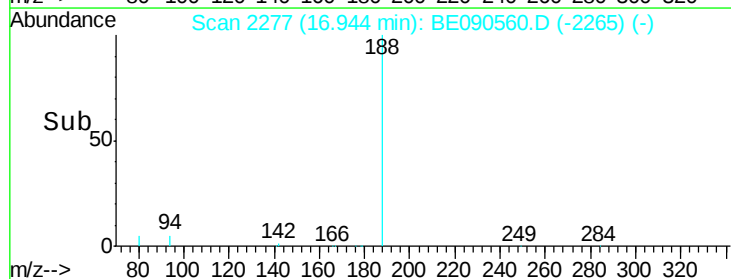
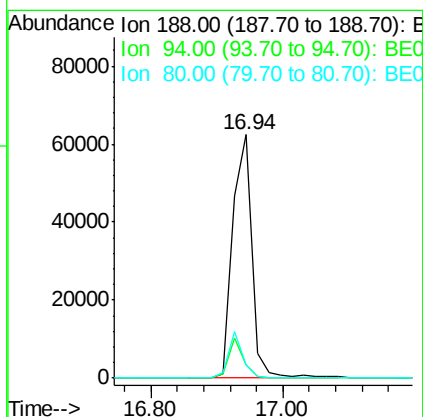
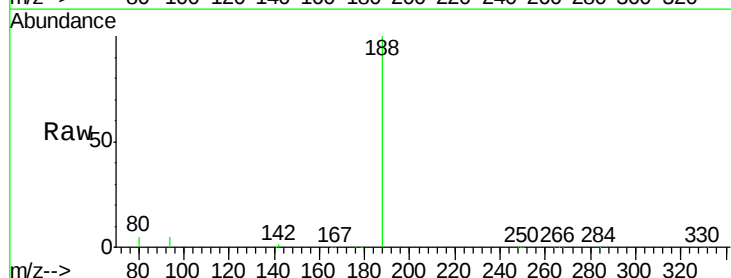
Tgt Ion:188 Resp: 125931

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

80 5.3 5.8 8.8#





#19

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.14 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

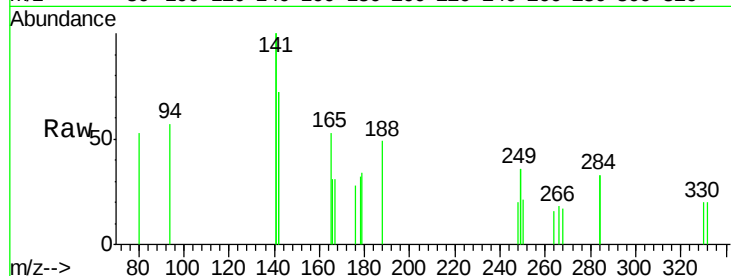
Tgt Ion:248 Resp: 15

Ion Ratio Lower Upper

248 100

250 0.0 79.0 118.6#

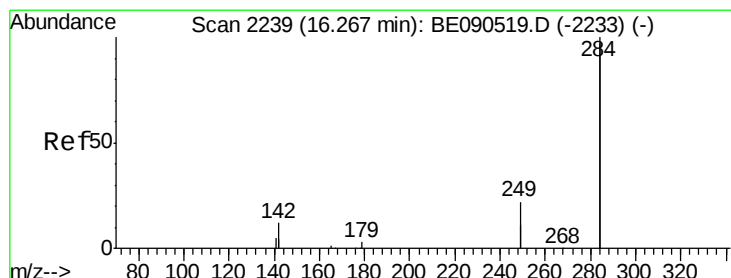
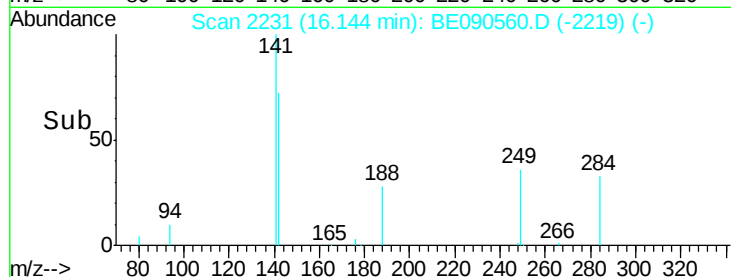
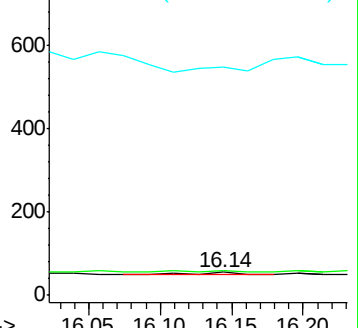
141 0.0 239.5 359.3#



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



#20

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.27 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

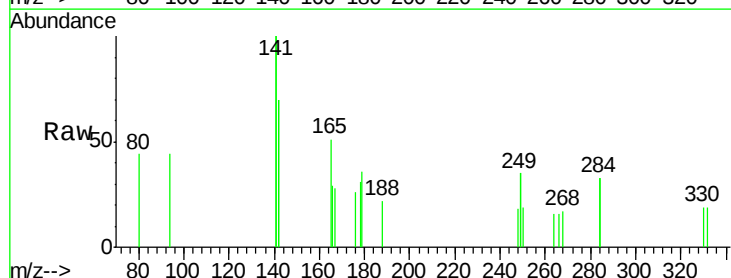
Tgt Ion:284 Resp: 25

Ion Ratio Lower Upper

284 100

142 260.0 30.1 45.1#

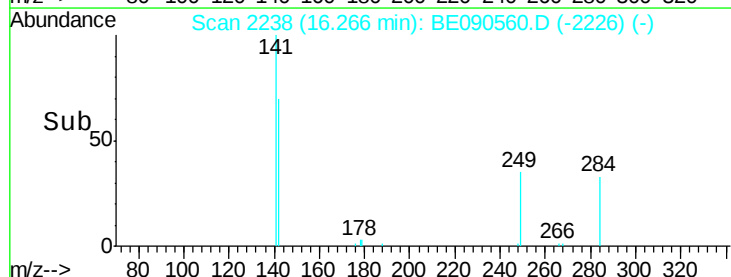
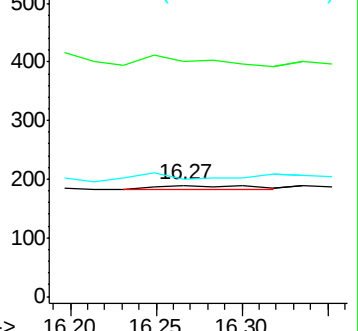
249 124.0 25.7 38.5#



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

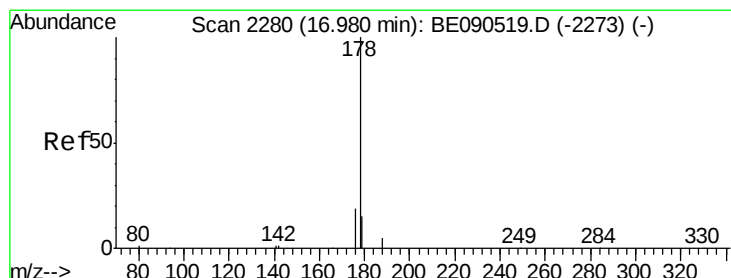
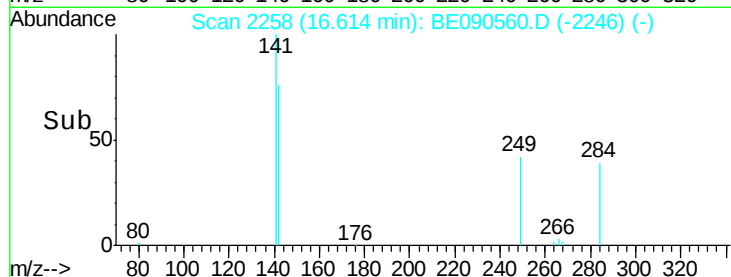
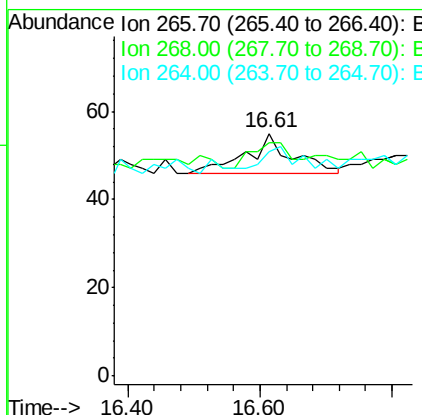
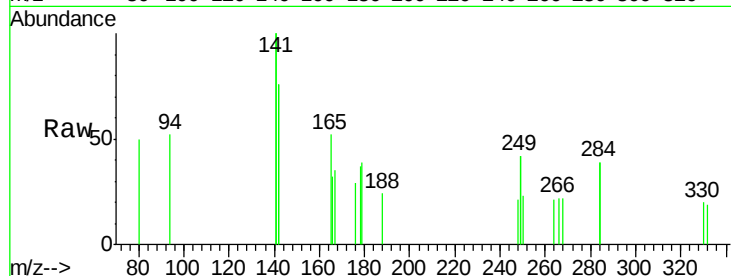




#21
 Pentachlorophenol
 Concen: 0.32 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090560.D
 Acq: 18 Aug 2015 18:48

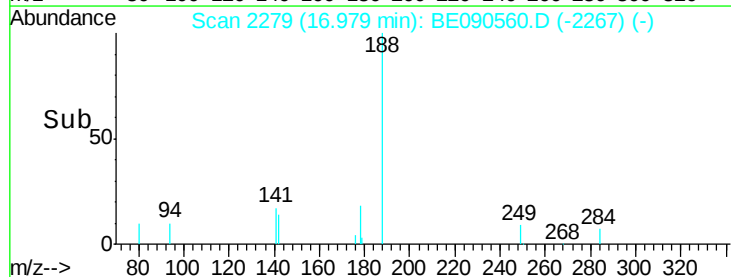
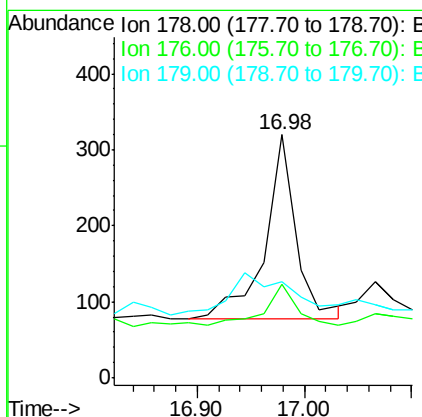
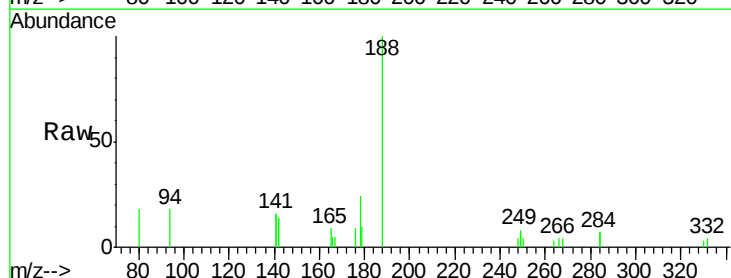
Instrument :
 BNA_E
 ClientSampleId :
 081515-D534-F-U-S

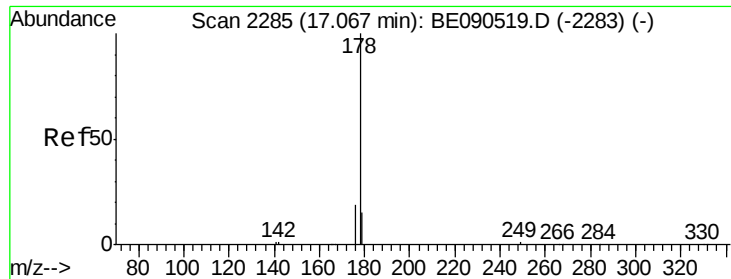
Tgt Ion: 266 Resp: 43
 Ion Ratio Lower Upper
 266 100
 268 96.4 58.5 87.7#
 264 92.7 56.0 84.0#



#22
 Phenanthrene
 Concen: 0.01 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090560.D
 Acq: 18 Aug 2015 18:48

Tgt Ion: 178 Resp: 492
 Ion Ratio Lower Upper
 178 100
 176 22.2 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: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

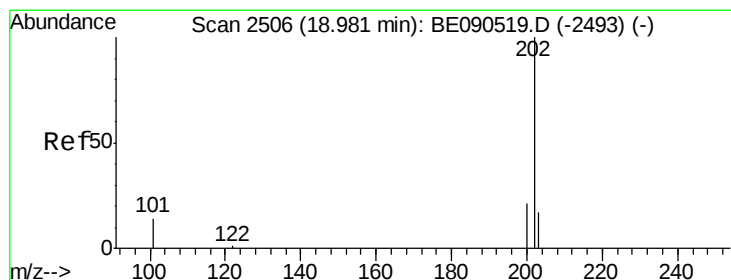
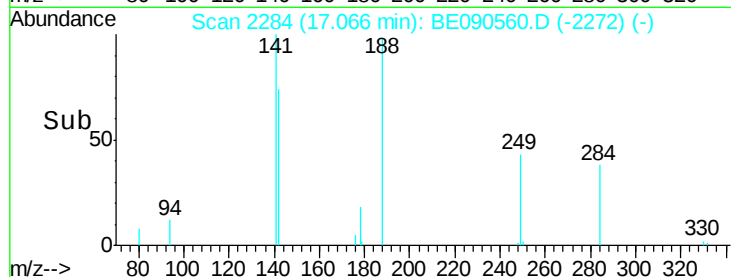
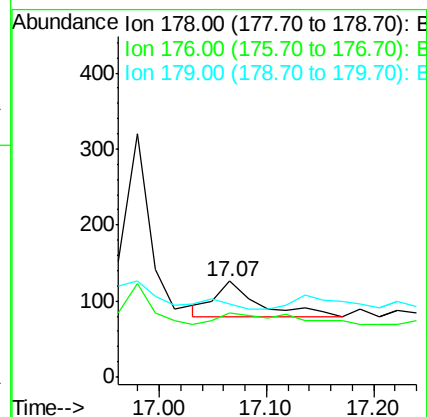
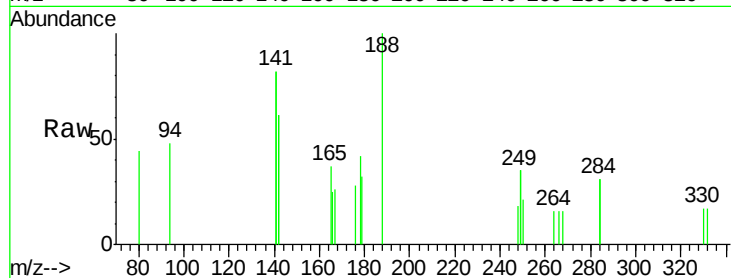
Tgt Ion:178 Resp: 127

Ion Ratio Lower Upper

178 100

176 52.0 14.9 22.3#

179 0.0 12.2 18.4#



#24

Fluoranthene

Concen: 0.01 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

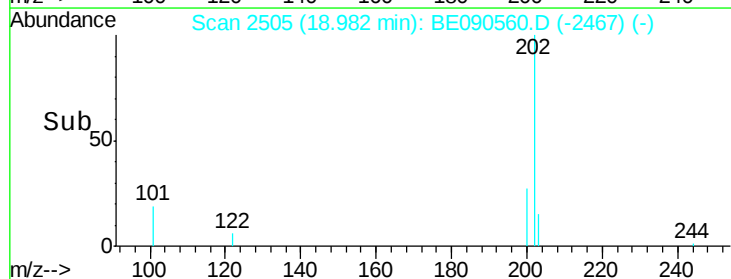
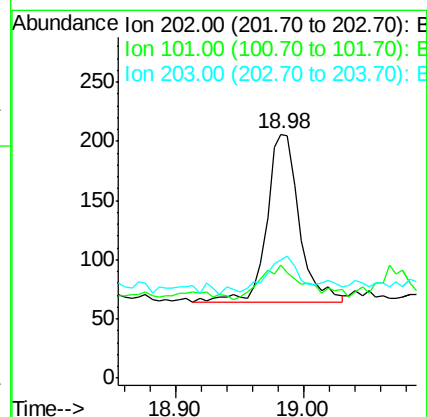
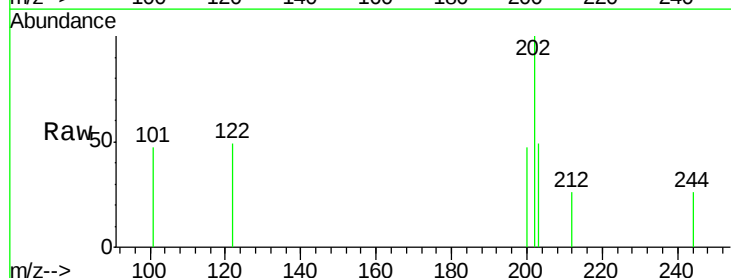
Tgt Ion:202 Resp: 253

Ion Ratio Lower Upper

202 100

101 25.3 10.3 15.5#

203 24.5 13.7 20.5#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

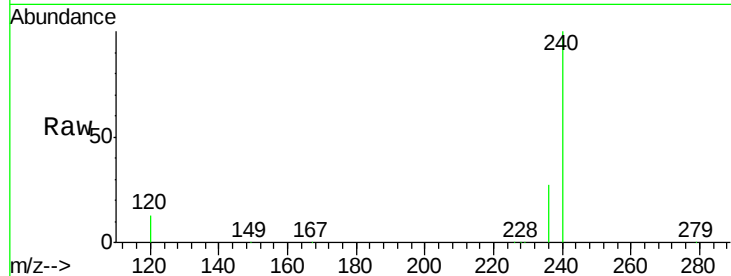
Tgt Ion:240 Resp: 123111

Ion Ratio Lower Upper

240 100

120 13.3 8.3 12.5#

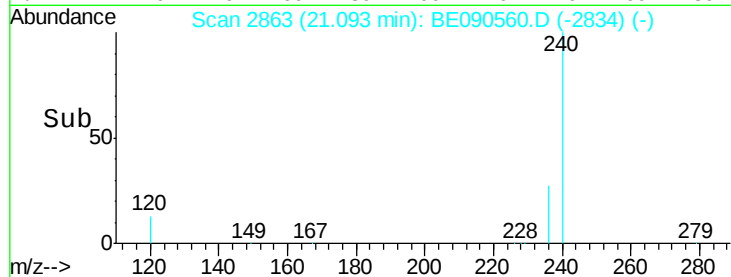
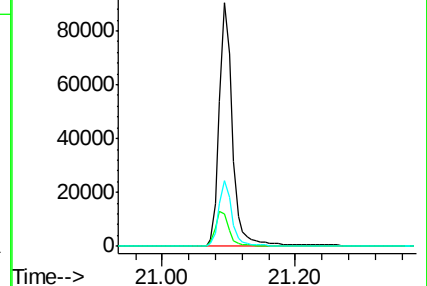
236 27.0 21.0 31.4



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: BE090560.D

Acq: 18 Aug 2015 18:48

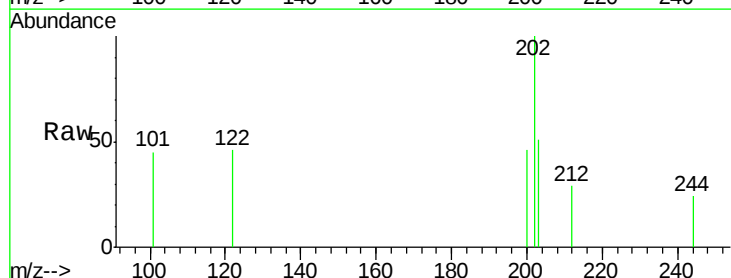
Tgt Ion:202 Resp: 255

Ion Ratio Lower Upper

202 100

200 29.4 16.7 25.1#

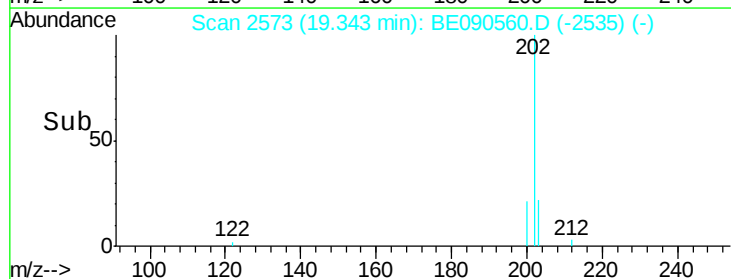
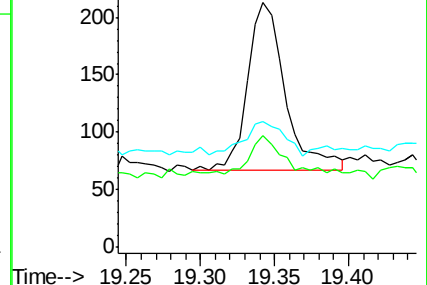
203 22.4 13.8 20.8#



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: 4.19 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

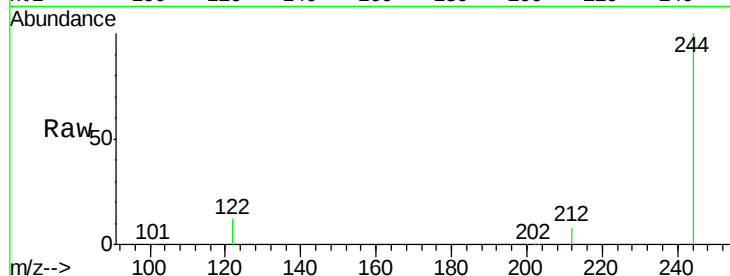
Tgt Ion:244 Resp: 94270

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

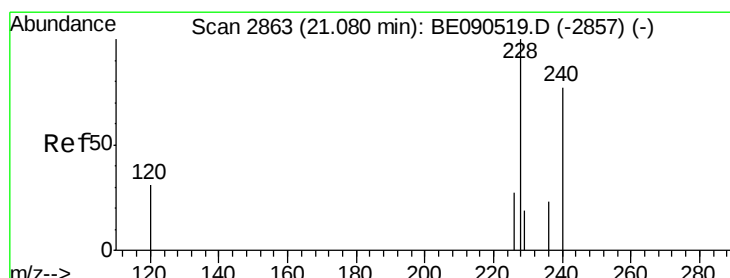
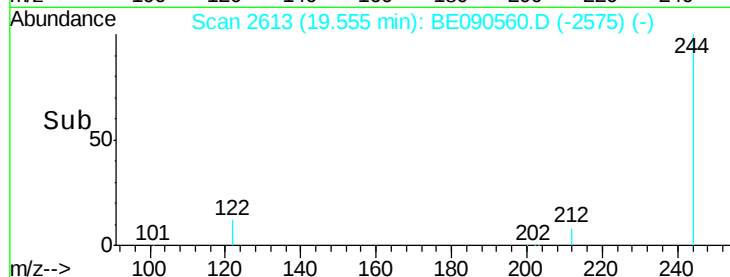
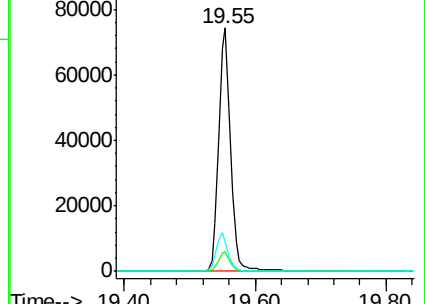
122 12.1 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.09 min Scan# 2863

Delta R.T. 0.02 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

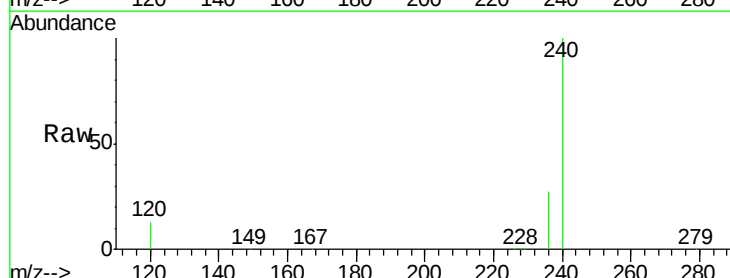
Tgt Ion:228 Resp: 470

Ion Ratio Lower Upper

228 100

226 30.5 21.9 32.9

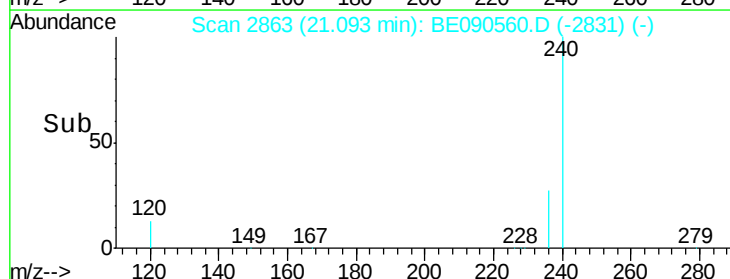
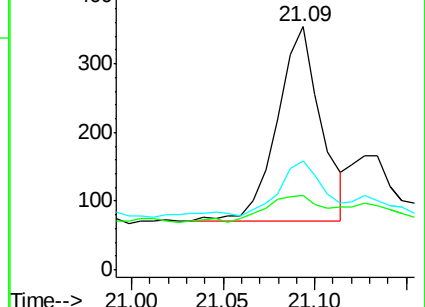
229 44.6 15.4 23.0#



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





#29

Chrysene

Concen: 0.01 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.03 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

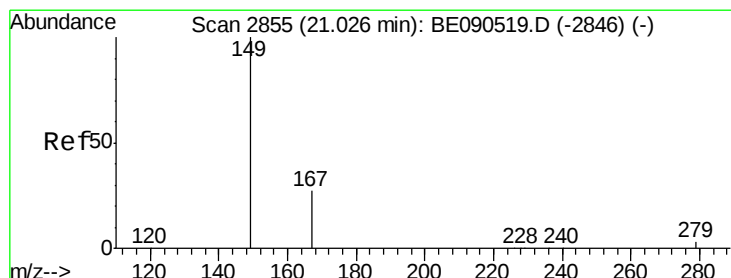
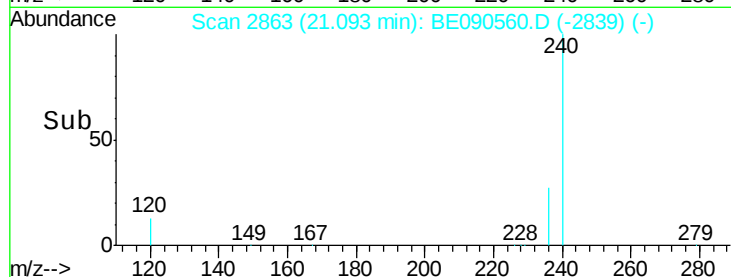
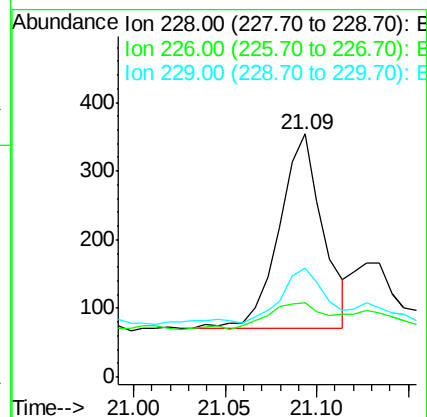
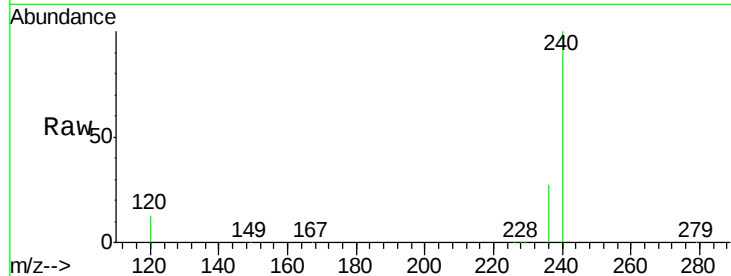
Tgt Ion:228 Resp: 470

Ion Ratio Lower Upper

228 100

226 30.5 23.1 34.7

229 44.6 15.8 23.8#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

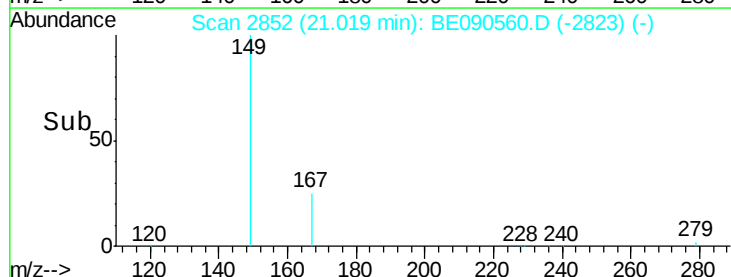
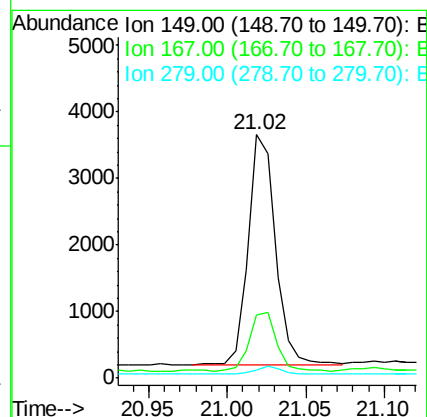
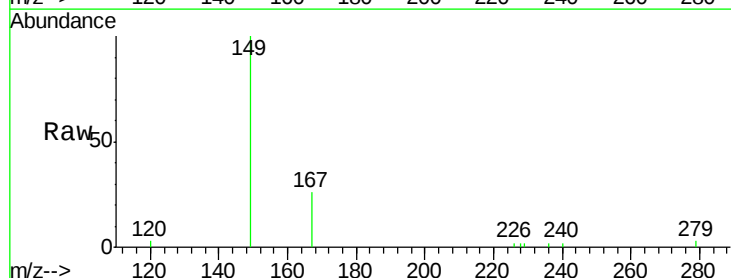
Tgt Ion:149 Resp: 4155

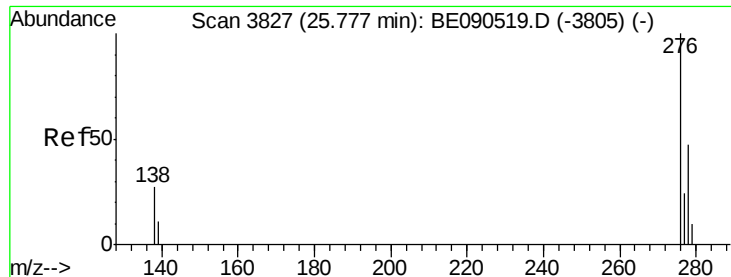
Ion Ratio Lower Upper

149 100

167 24.9 19.8 29.8

279 3.0 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 25.78 min Scan# 3827

Delta R.T. -0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

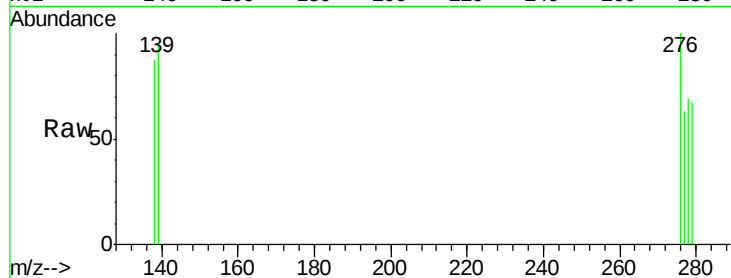
Tgt Ion:276 Resp: 264

Ion Ratio Lower Upper

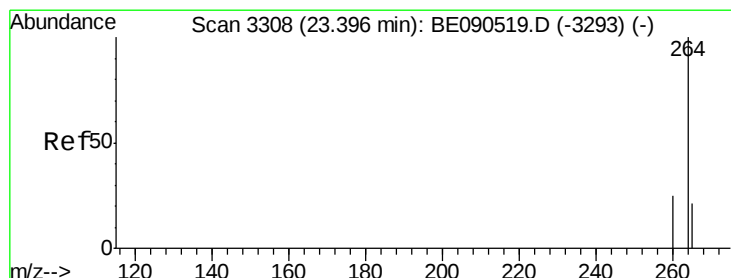
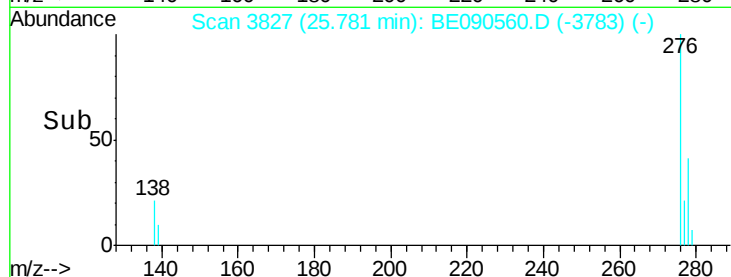
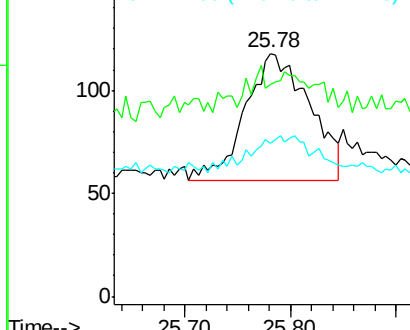
276 100

138 4.2 18.8 28.2#

277 16.3 18.2 27.4#



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: 23.40 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

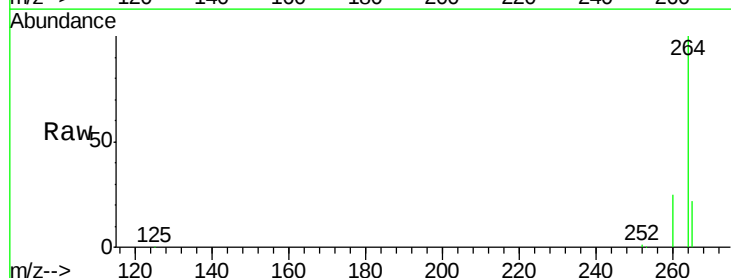
Tgt Ion:264 Resp: 111804

Ion Ratio Lower Upper

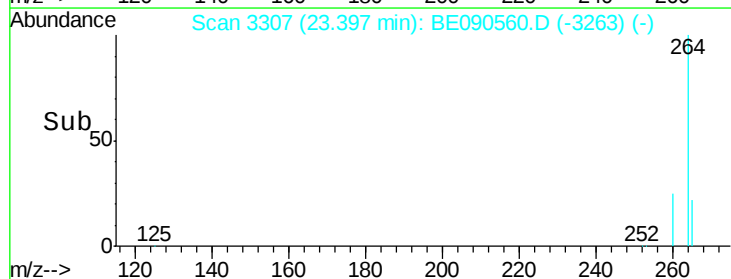
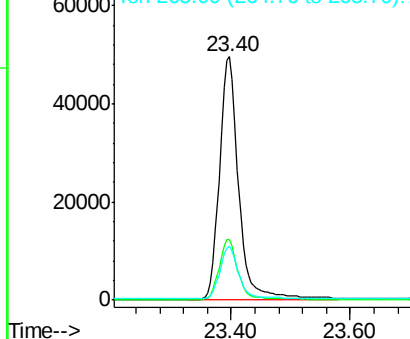
264 100

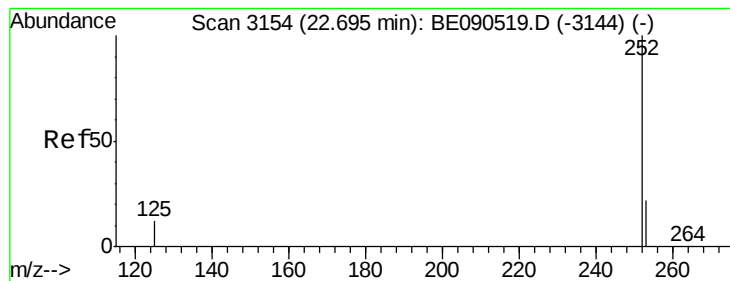
260 24.9 20.1 30.1

265 22.4 17.2 25.8



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: 0.01 ng

RT: 22.70 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

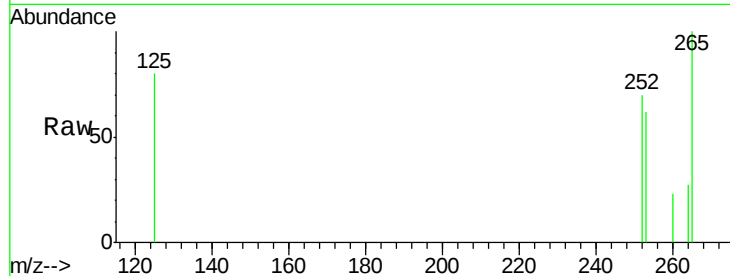
Tgt Ion:252 Resp: 158

Ion Ratio Lower Upper

252 100

253 89.3 18.1 27.1#

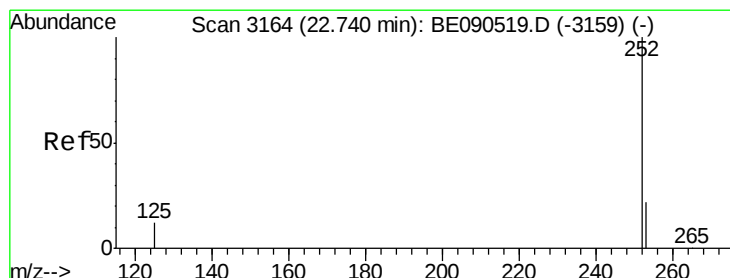
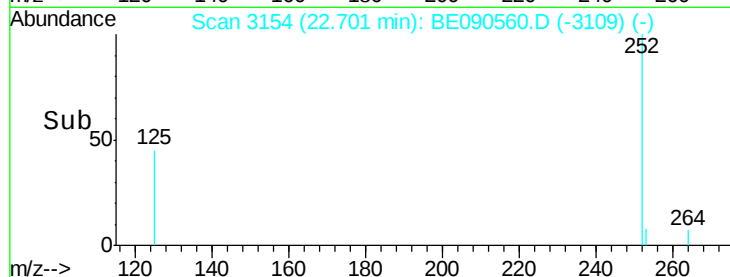
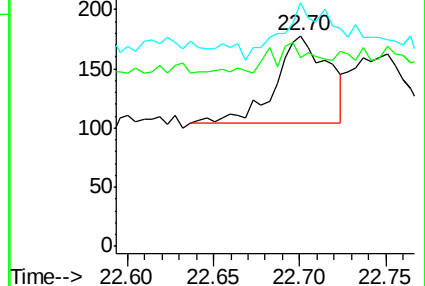
125 115.7 9.4 14.2#



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: 0.01 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.04 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

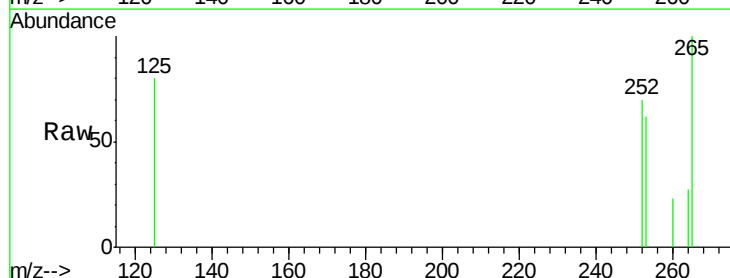
Tgt Ion:252 Resp: 158

Ion Ratio Lower Upper

252 100

253 89.3 18.1 27.1#

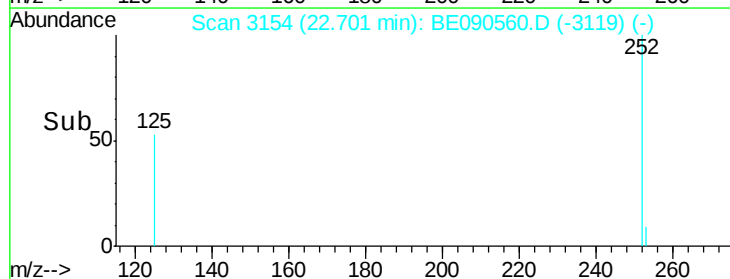
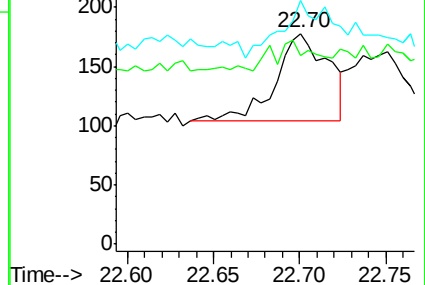
125 115.7 9.1 13.7#



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: 0.01 ng

RT: 23.29 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S

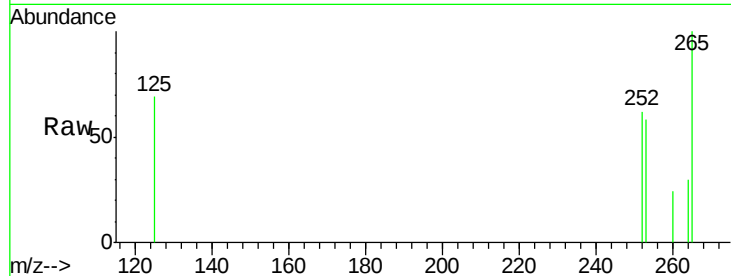
Tgt Ion: 252 Resp: 150

Ion Ratio Lower Upper

252 100

253 94.0 17.6 26.4#

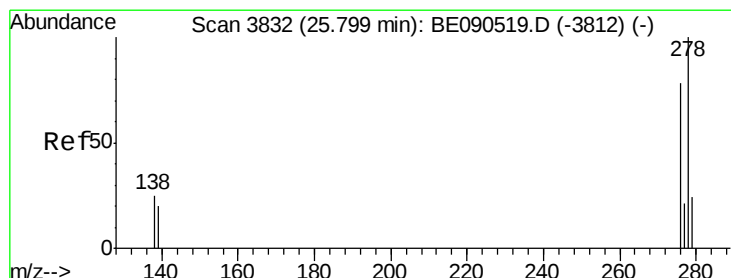
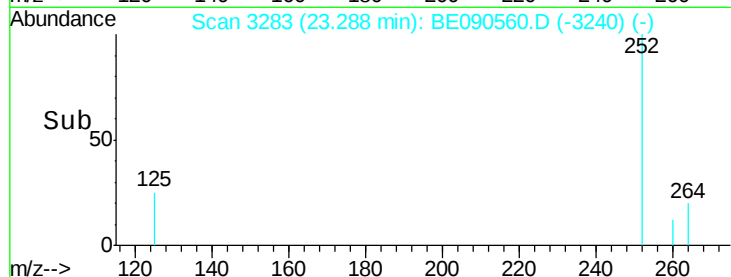
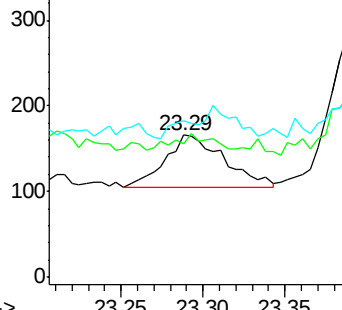
125 110.2 9.8 14.6#



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: 0.00 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090560.D

Acq: 18 Aug 2015 18:48

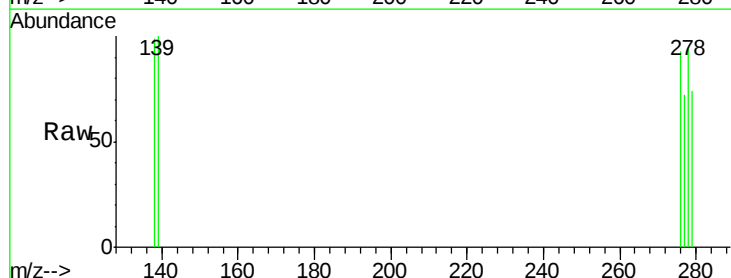
Tgt Ion: 278 Resp: 93

Ion Ratio Lower Upper

278 100

139 105.9 14.2 21.4#

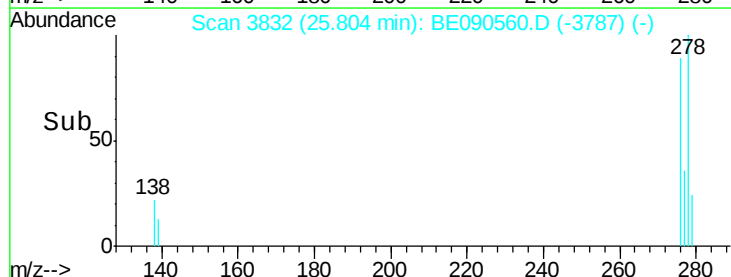
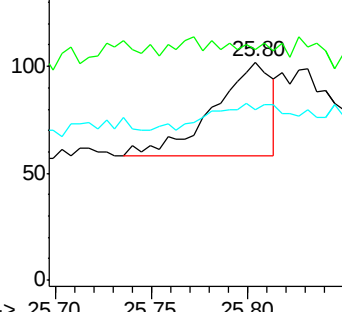
279 78.4 20.1 30.1#



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: 0.01 ng

RT: 26.52 min Scan# 3989

Delta R.T. 0.01 min

Lab File: BE090560.D

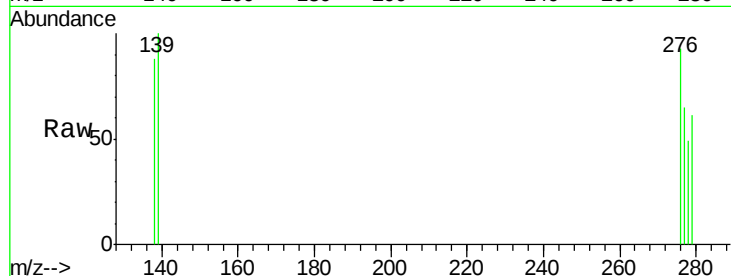
Acq: 18 Aug 2015 18:48

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-U-S



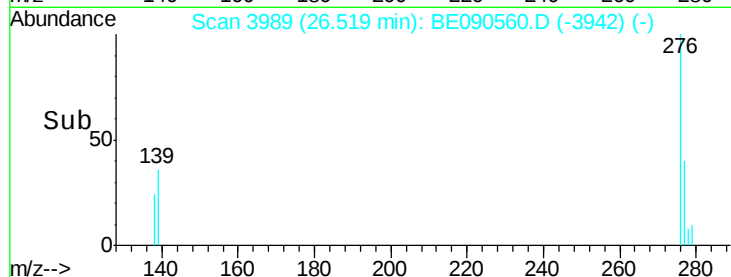
Tgt Ion: 276 Resp: 196

Ion Ratio Lower Upper

276 100

277 70.5 20.1 30.1#

138 94.6 18.1 27.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

