

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090566.D
 Acq On : 18 Aug 2015 22:32
 Operator : UM/IZ
 Sample : G3329-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 19 02:36:03 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	24647	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	125070	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	67653	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	145881	5.00	ng	0.00
25) Chrysene-d12	21.09	240	145646	5.00	ng	0.00
32) Perylene-d12	23.40	264	131746	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17814	2.50	ng	0.00
5) Phenol-d6	6.78	99	15409	1.47	ng	0.00
7) Nitrobenzene-d5	8.72	82	29106	2.92	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20079	7.71	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	63260	3.13	ng	0.00
27) Terphenyl-d14	19.55	244	96566	3.63	ng	0.00

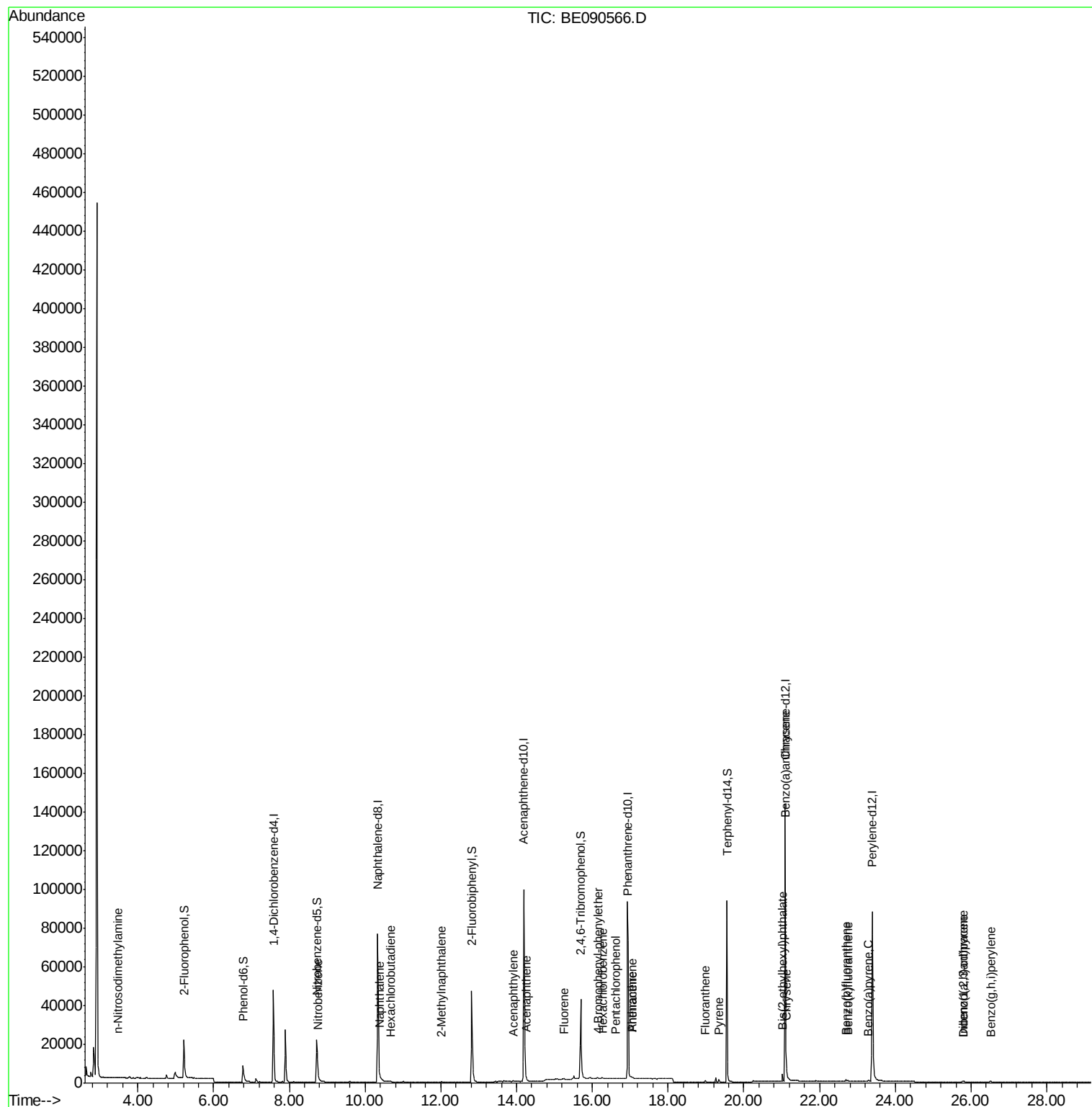
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	41	Below Cal	#	1
3) n-Nitrosodimethylamine	3.48	42	24	0.01	ng	1
8) Nitrobenzene	8.77	77	50	0.00	ng	75
9) Naphthalene	10.39	128	366	0.01	ng	45
10) Hexachlorobutadiene	10.68	225	31	0.01	ng	84
11) 2-Methylnaphthalene	12.01	142	524	0.03	ng	89
15) Acenaphthylene	13.91	152	787	0.01	ng	89
16) Acenaphthene	14.26	154	142	0.01	ng	76
17) Fluorene	15.26	166	329	0.01	ng	88
19) 4-Bromophenyl-phenylether	16.15	248	97	0.02	ng	29
20) Hexachlorobenzene	16.27	284	547	0.02	ng	62
21) Pentachlorophenol	16.61	266	78	0.32	ng	79
22) Phenanthrene	17.07	178	535	0.01	ng	99
23) Anthracene	17.07	178	635	0.02	ng	95
24) Fluoranthene	18.98	202	1142	0.03	ng	97
26) Pyrene	19.34	202	1225	0.03	ng	94
28) Benzo(a)anthracene	21.08	228	1769	0.05	ng	93
29) Chrysene	21.13	228	1496	0.04	ng	88
30) Bis(2-ethylhexyl)phthalate	21.02	149	3479	0.29	ng	100
31) Indeno(1,2,3-cd)pyrene	25.78	276	1114	0.03	ng	94
33) Benzo(b)fluoranthene	22.70	252	1251	0.04	ng	57
34) Benzo(k)fluoranthene	22.75	252	1151	0.03	ng	57
35) Benzo(a)pyrene	23.29	252	1089	0.04	ng	43
36) Dibenzo(a,h)anthracene	25.80	278	824	0.03	ng	40
37) Benzo(g,h,i)perylene	26.51	276	1043	0.03	ng	59

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 02:30:21 2015
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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: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

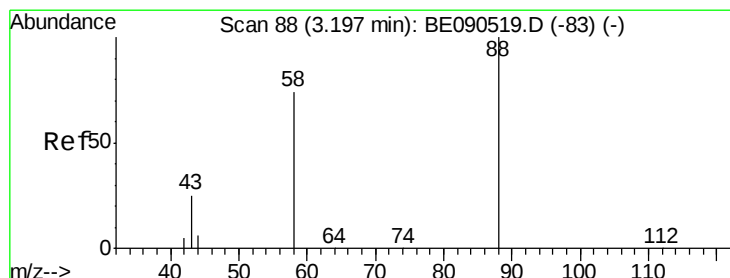
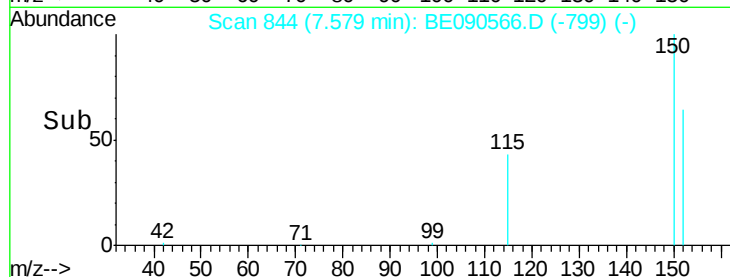
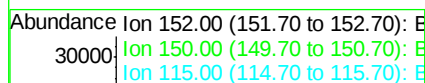
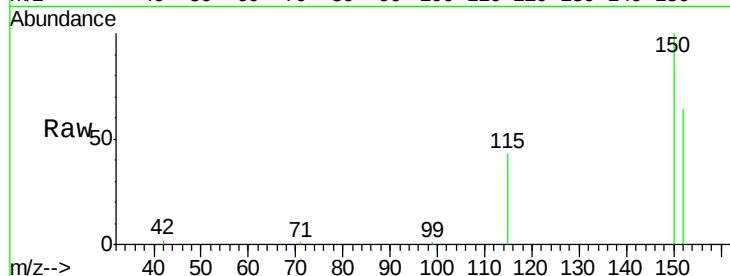
Tgt Ion:152 Resp: 24647

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

115 67.5 48.9 73.3



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.18 min Scan# 85

Delta R.T. -0.02 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

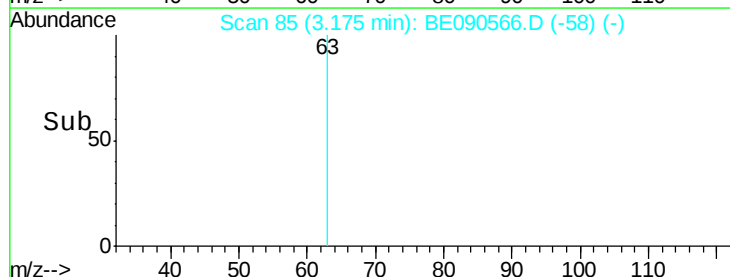
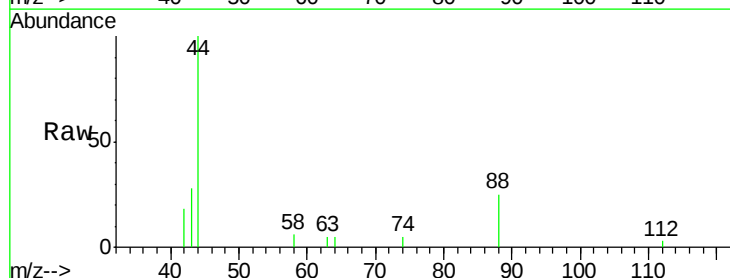
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

58 41.5 70.0 105.0#

43 651.2 28.4 42.6#





#3

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

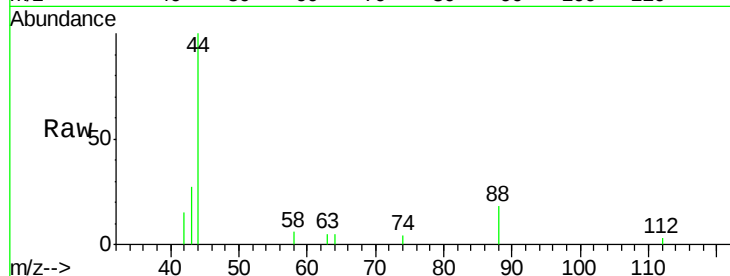
Tgt Ion: 42 Resp: 24

Ion Ratio Lower Upper

42 100

74 29.2 75.2 112.8#

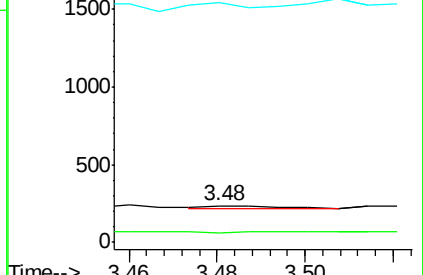
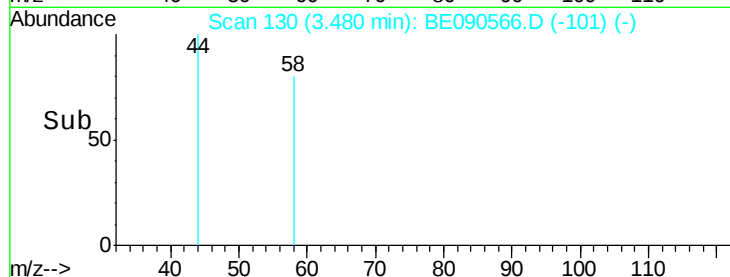
44 216.7 8.7 13.1#



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: 2.50 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

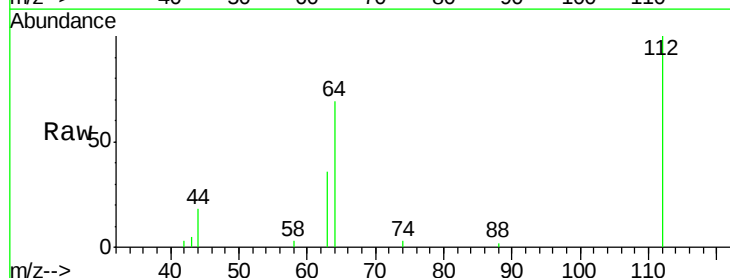
Tgt Ion: 112 Resp: 17814

Ion Ratio Lower Upper

112 100

64 69.0 37.1 55.7#

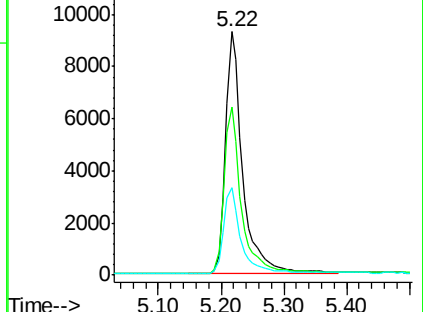
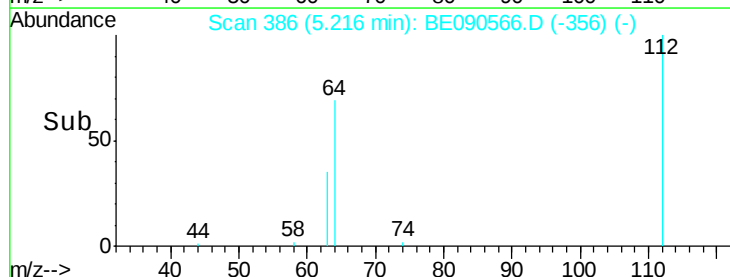
63 35.9 19.5 29.3#

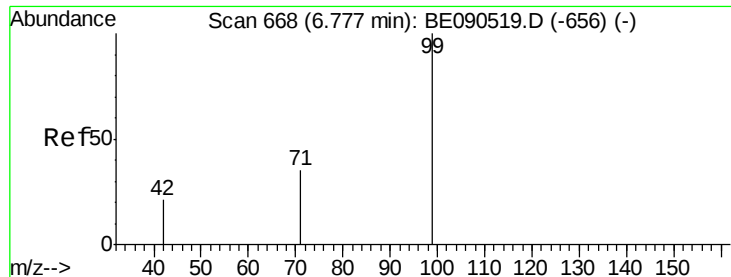


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.47 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

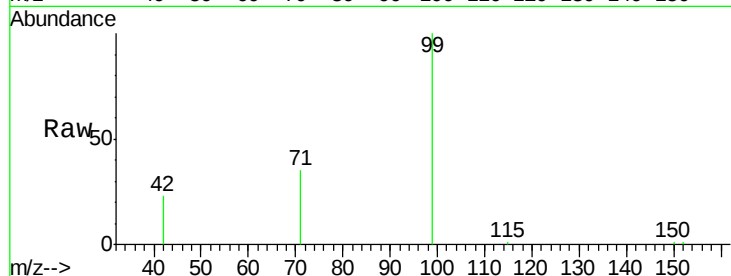
Tgt Ion: 99 Resp: 15409

Ion Ratio Lower Upper

99 100

42 19.7 18.2 27.4

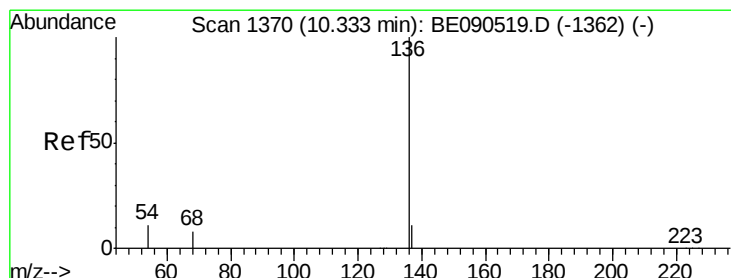
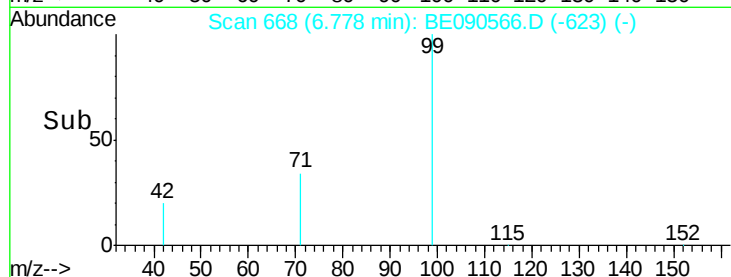
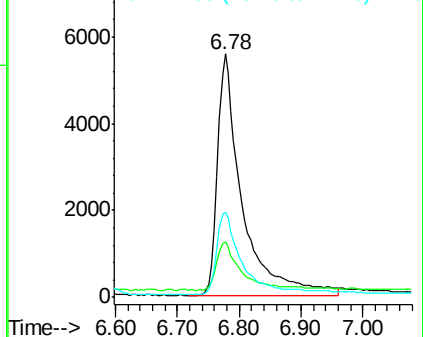
71 34.7 27.4 41.0



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: BE090566.D

Acq: 18 Aug 2015 22:32

Tgt Ion: 136 Resp: 125070

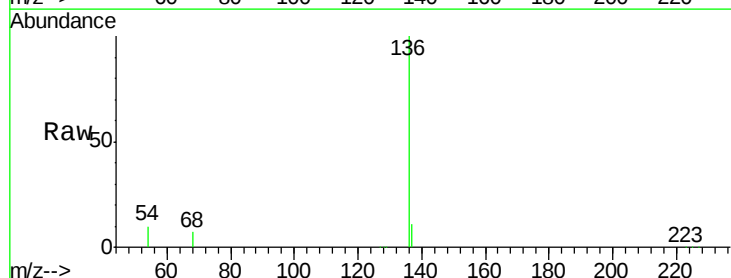
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.5 9.4 14.0

68 7.3 6.5 9.7

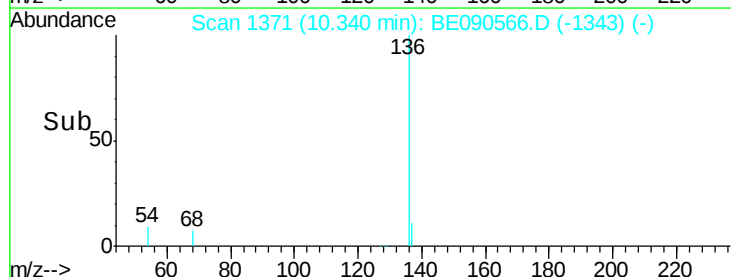
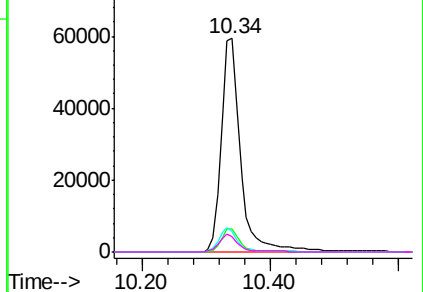


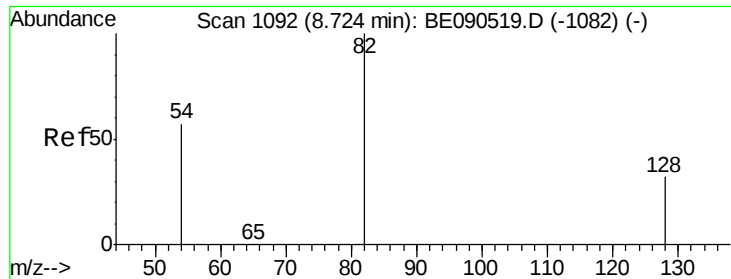
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.92 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

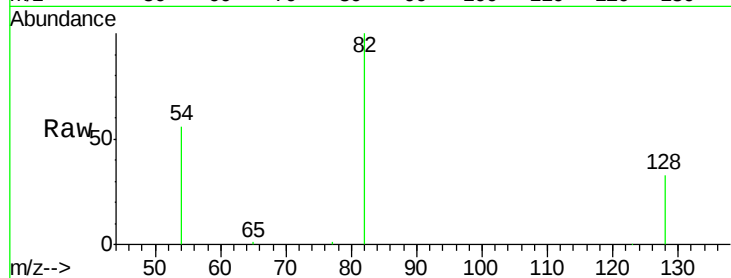
Tgt Ion: 82 Resp: 29106

Ion Ratio Lower Upper

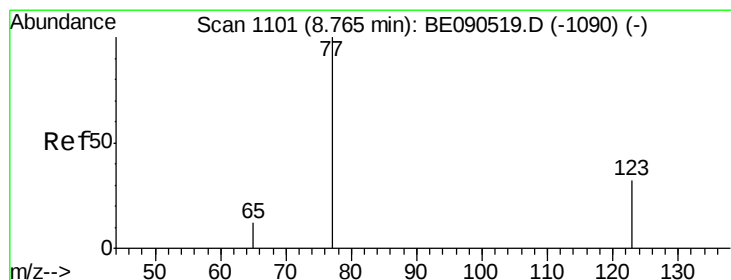
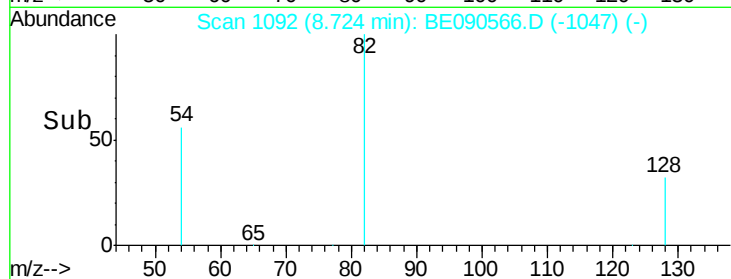
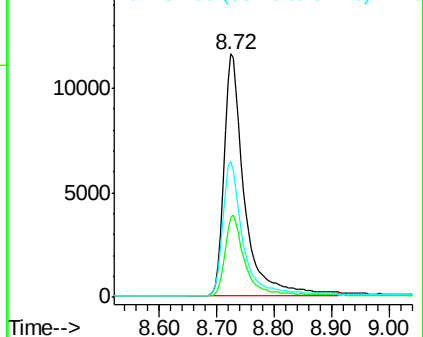
82 100

128 32.8 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: 0.00 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

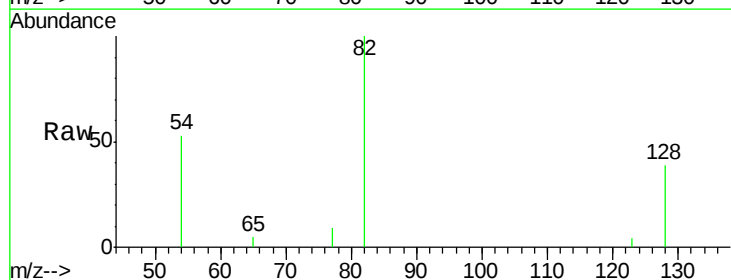
Tgt Ion: 77 Resp: 50

Ion Ratio Lower Upper

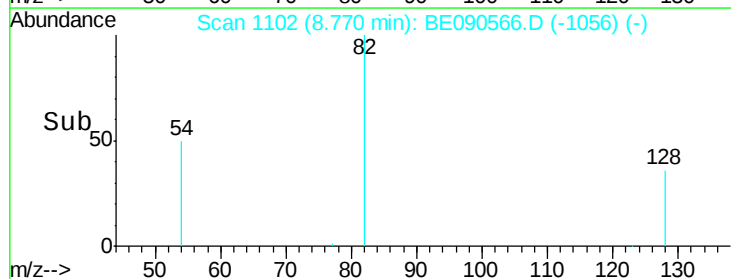
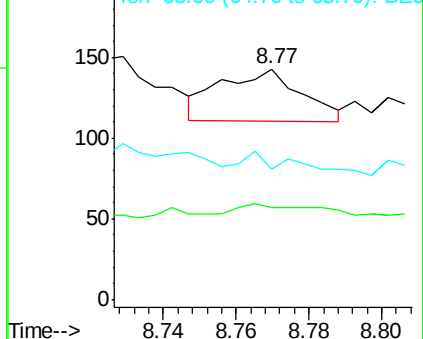
77 100

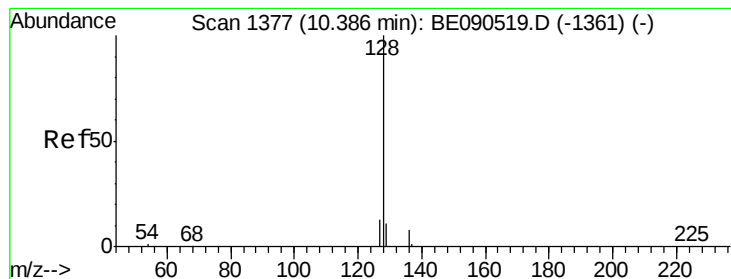
123 22.0 25.1 37.7#

65 30.0 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





#9

Naphthalene

Concen: 0.01 ng

RT: 10.39 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

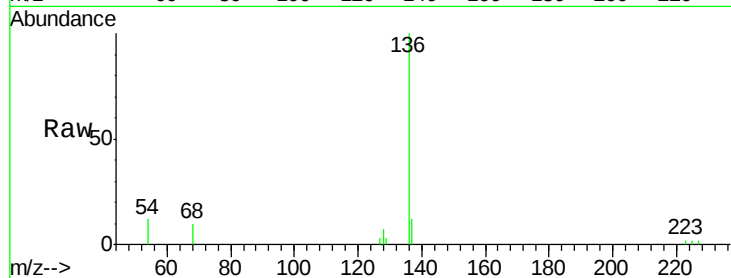
Tgt Ion:128 Resp: 366

Ion Ratio Lower Upper

128 100

129 34.5 9.8 14.6#

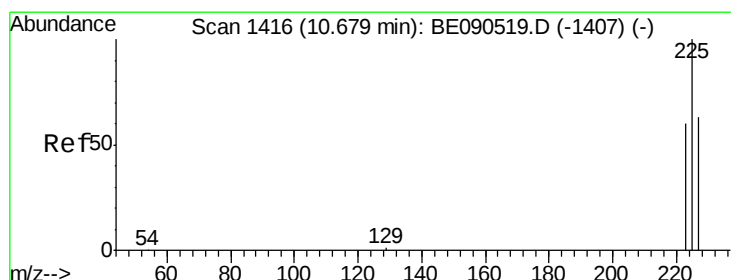
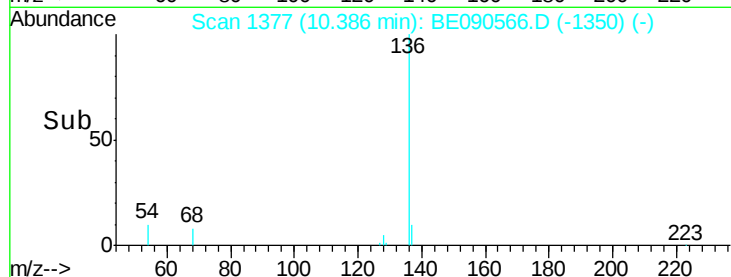
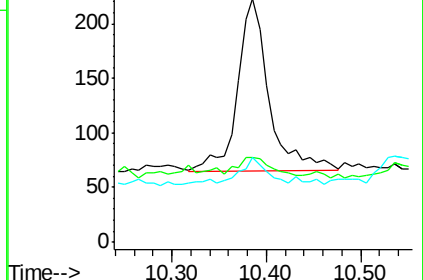
127 34.5 10.6 16.0#



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: 0.01 ng

RT: 10.68 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

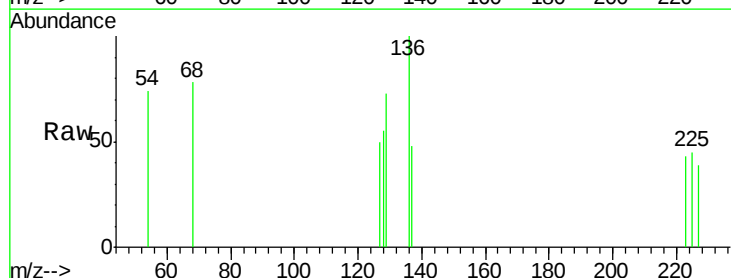
Tgt Ion:225 Resp: 31

Ion Ratio Lower Upper

225 100

223 48.4 50.6 75.8#

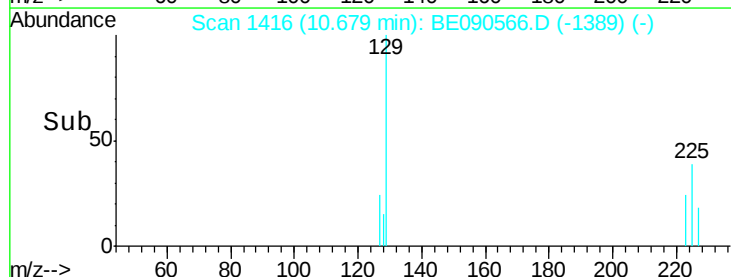
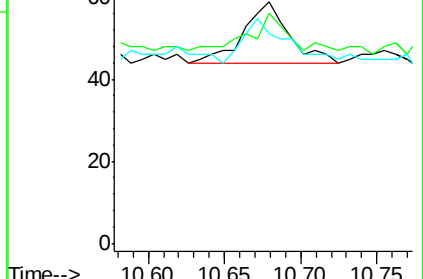
227 74.2 50.7 76.1

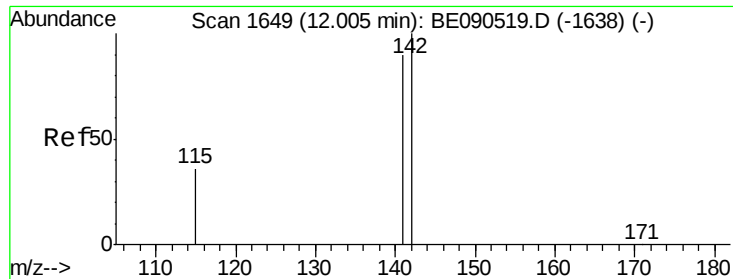


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

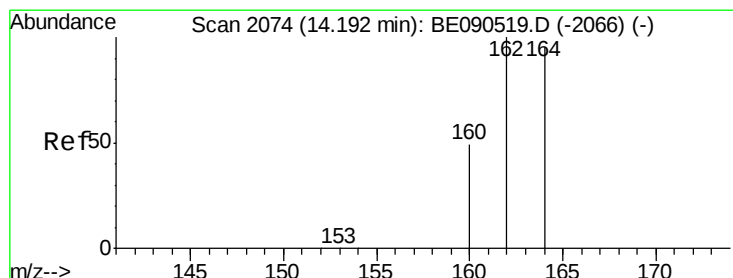
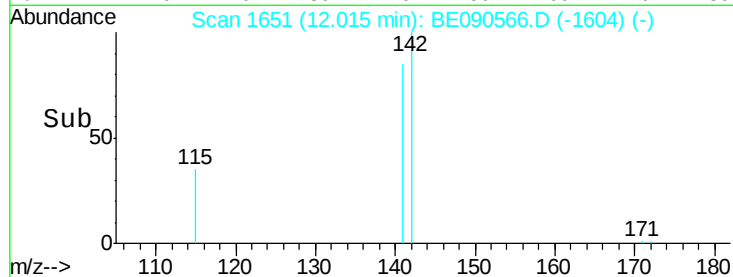
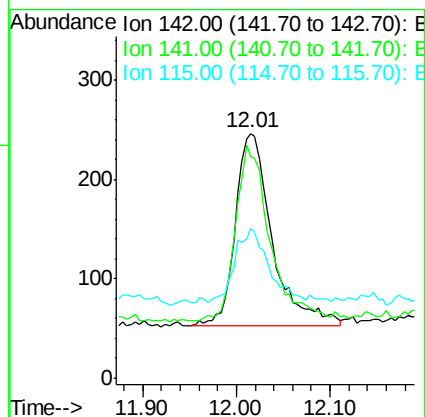
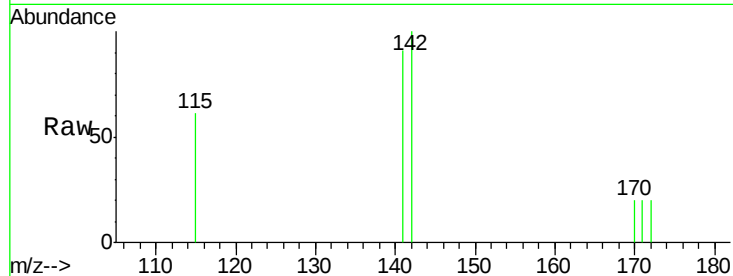




#11
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.01 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

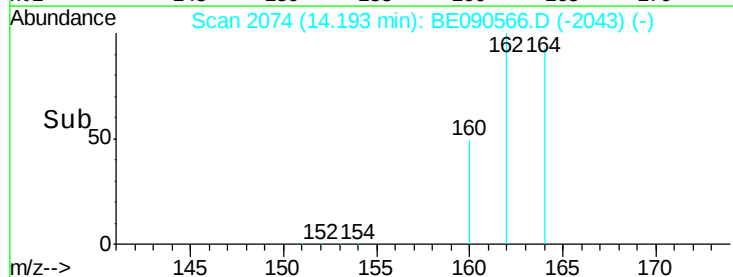
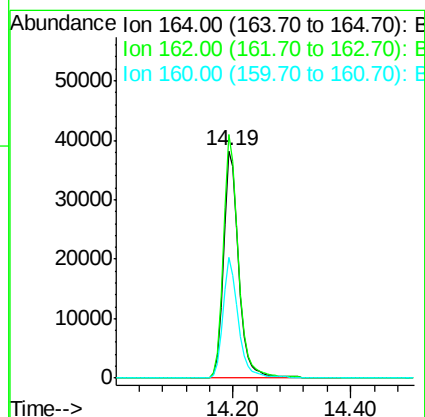
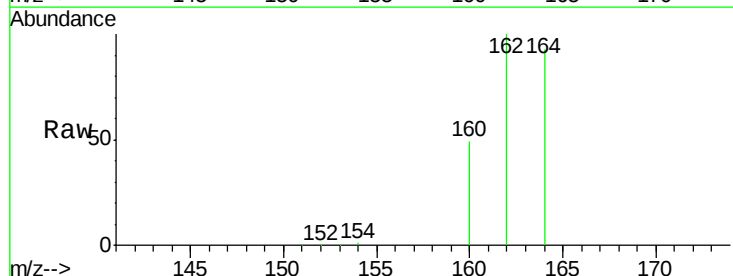
Instrument :
BNA_E
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081615-D534-F-D-S

Tgt Ion:142 Resp: 524
Ion Ratio Lower Upper
142 100
141 90.7 72.6 109.0
115 61.0 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: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:164 Resp: 67653
Ion Ratio Lower Upper
164 100
162 107.1 81.8 122.8
160 52.9 44.2 66.4

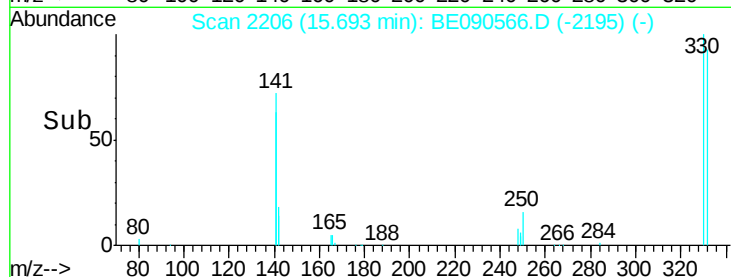
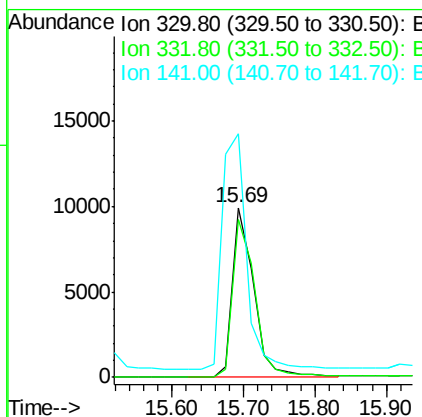
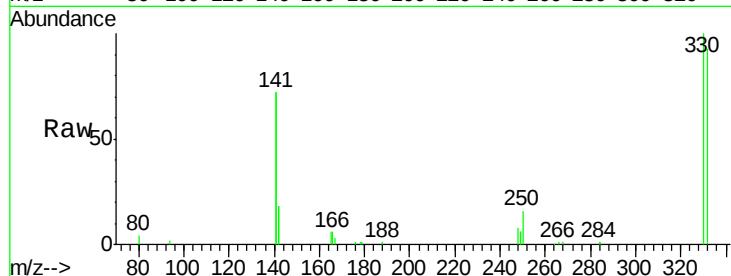




#13
 2,4,6-Tribromophenol
 Concen: 7.71 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090566.D
 Acq: 18 Aug 2015 22:32

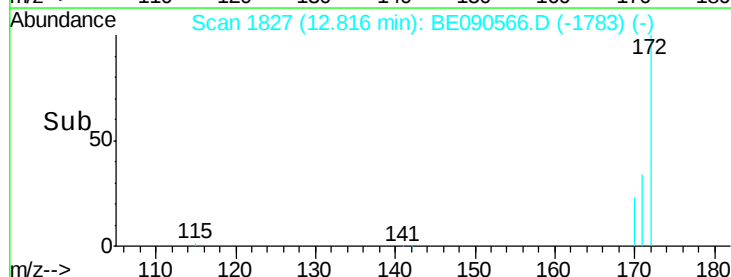
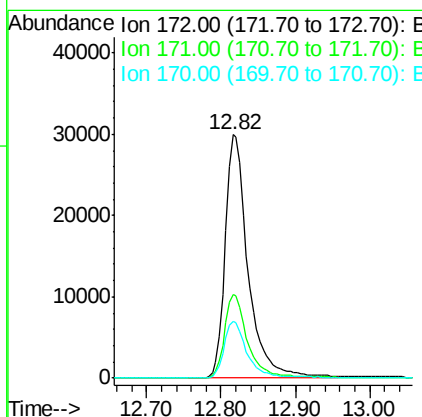
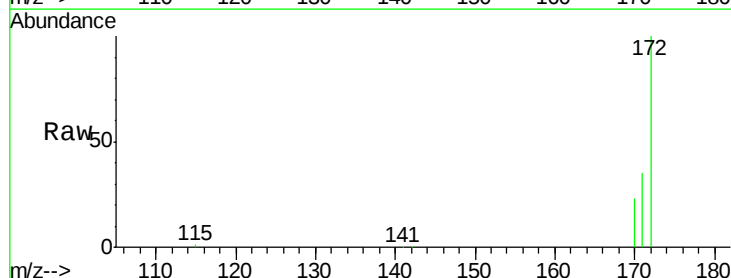
Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-S

Tgt Ion:330 Resp: 20079
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.8 113.6
 141 164.7 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.13 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BE090566.D
 Acq: 18 Aug 2015 22:32

Tgt Ion:172 Resp: 63260
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.5 19.8 29.8





#15

Acenaphthylene

Concen: 0.01 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

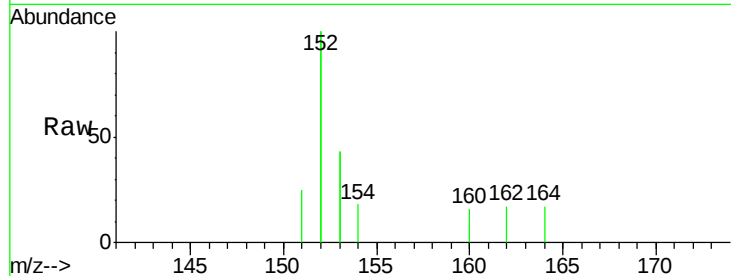
Tgt Ion:152 Resp: 787

Ion Ratio Lower Upper

152 100

151 6.9 3.8 5.8#

153 18.0 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

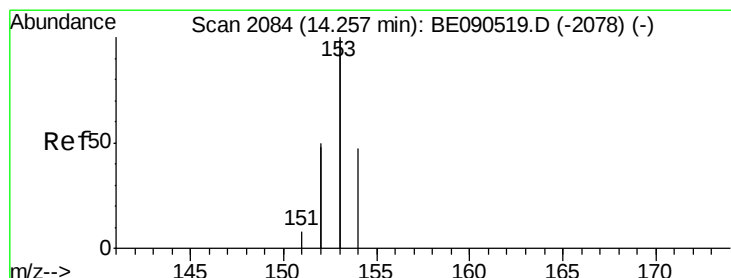
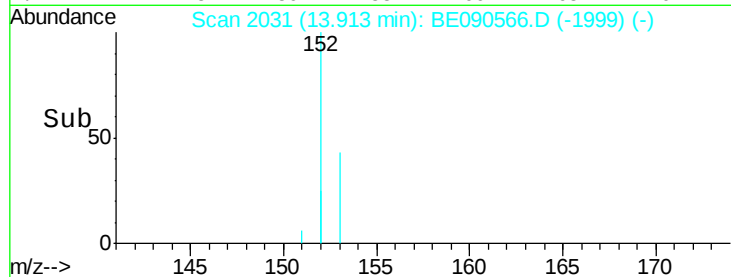
600

400

200

0

Time--> 13.80 13.90 14.00



#16

Acenaphthene

Concen: 0.01 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.01 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

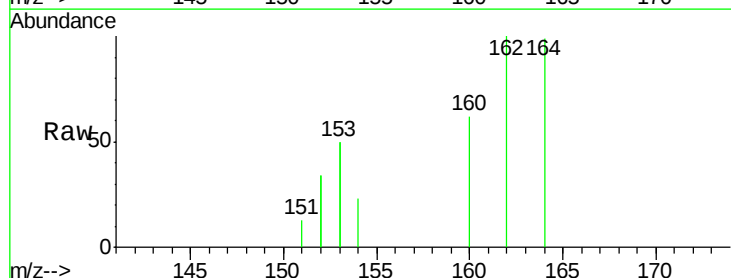
Tgt Ion:154 Resp: 142

Ion Ratio Lower Upper

154 100

153 403.5 376.2 564.2

152 250.7 235.0 352.4



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

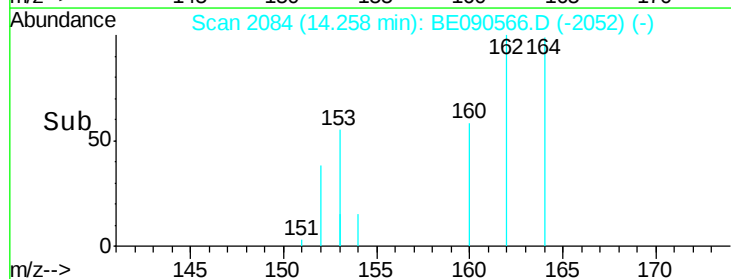
600

400

200

0

Time--> 14.25 14.30





#17

Fluorene

Concen: 0.01 ng

RT: 15.26 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

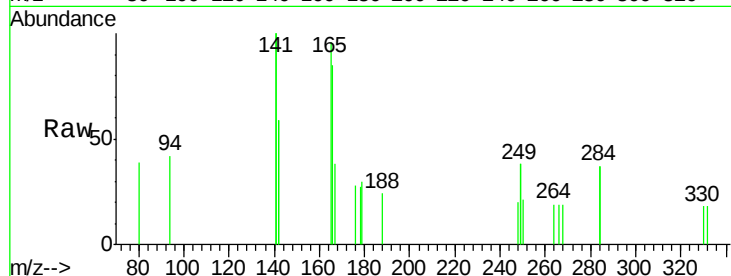
Tgt Ion:166 Resp: 329

Ion Ratio Lower Upper

166 100

165 111.2 81.5 122.3

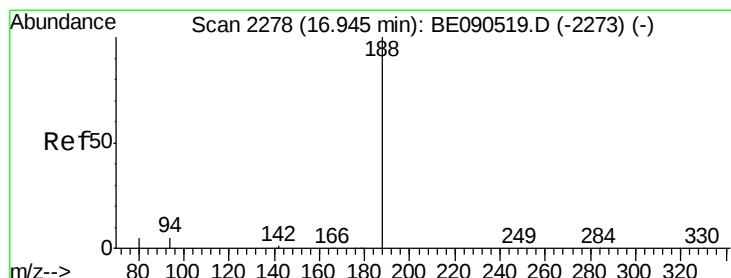
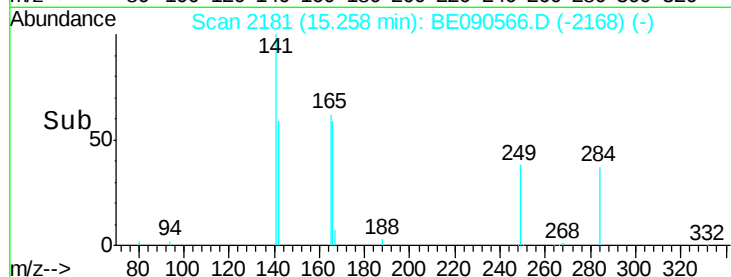
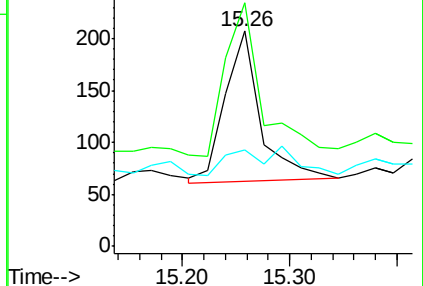
167 0.0 11.4 17.0#



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: 16.95 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

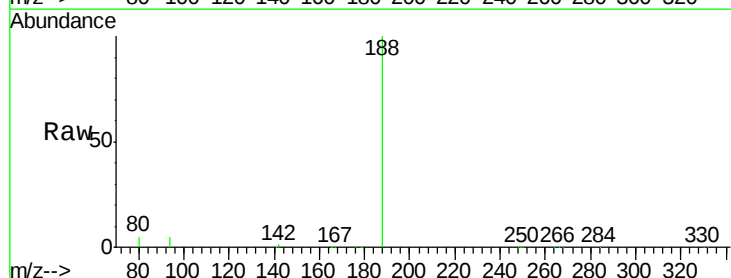
Tgt Ion:188 Resp: 145881

Ion Ratio Lower Upper

188 100

94 5.0 5.7 8.5#

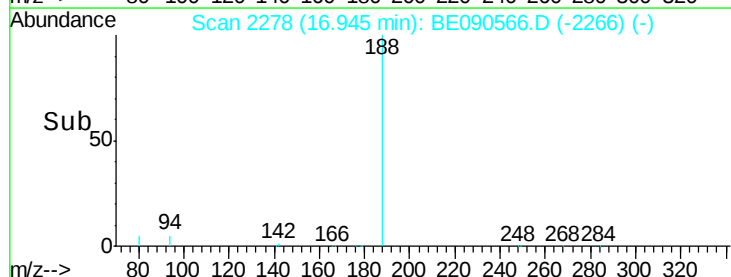
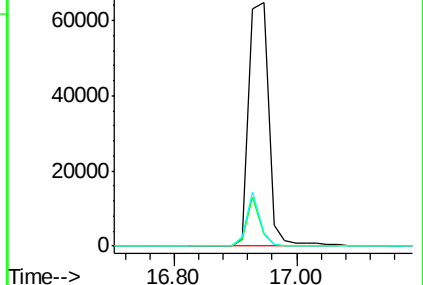
80 5.2 5.8 8.8#



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: 0.02 ng

RT: 16.15 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

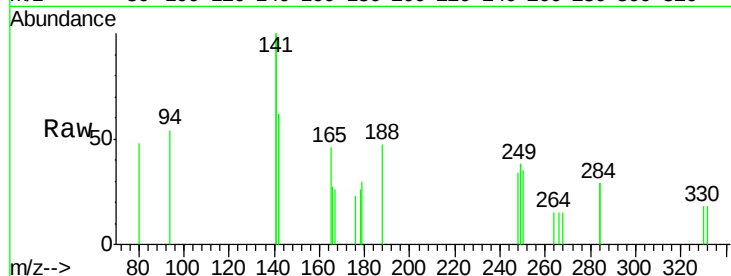
Tgt Ion:248 Resp: 97

Ion Ratio Lower Upper

248 100

250 89.7 79.0 118.6

141 477.3 239.5 359.3#

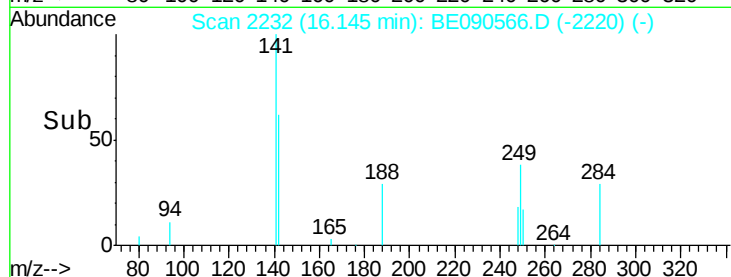


Abundance Ion 248.00 (247.70 to 248.70): E

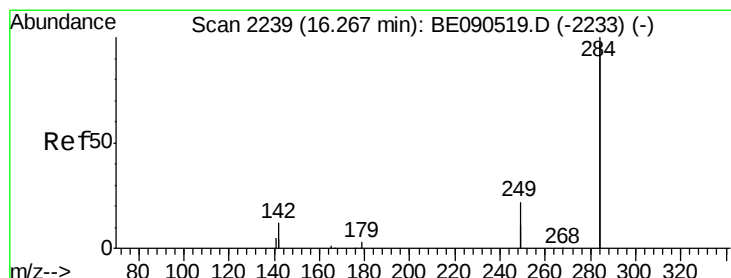
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#20

Hexachlorobenzene

Concen: 0.02 ng

RT: 16.27 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

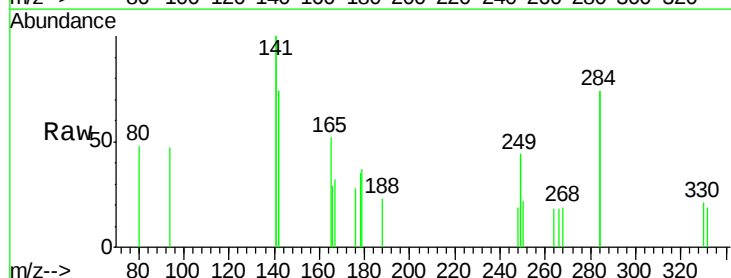
Tgt Ion:284 Resp: 547

Ion Ratio Lower Upper

284 100

142 73.7 30.1 45.1#

249 25.2 25.7 38.5#

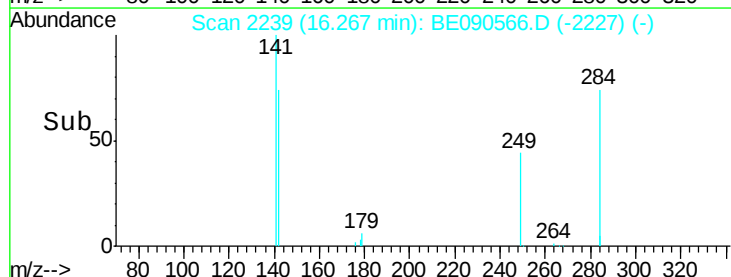


Abundance Ion 283.80 (283.50 to 284.50): E

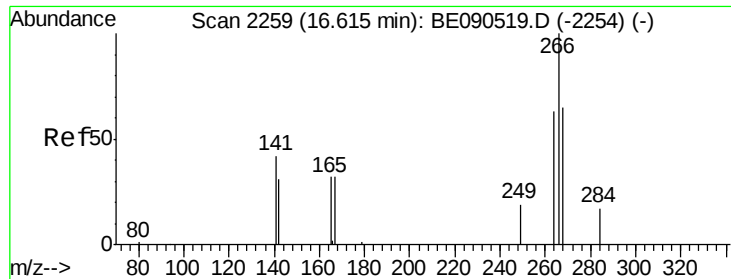
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



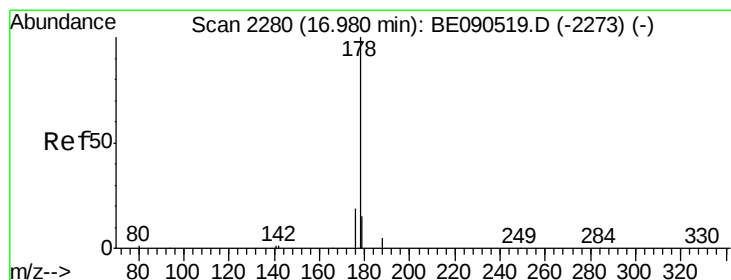
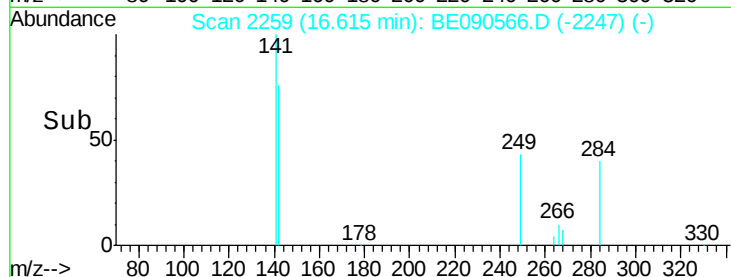
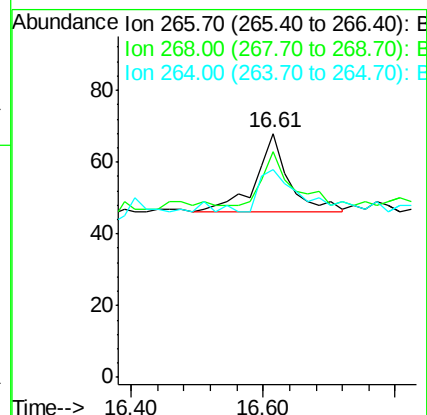
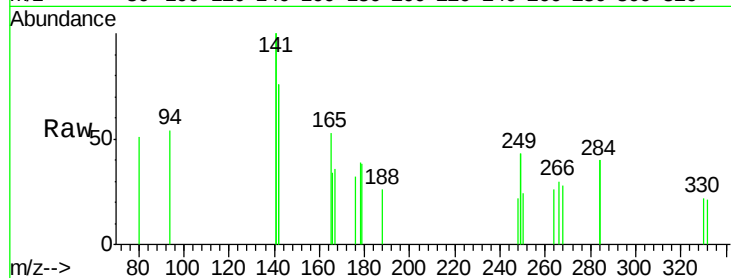
Time-->



#21
 Pentachlorophenol
 Concen: 0.32 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090566.D
 Acq: 18 Aug 2015 22:32

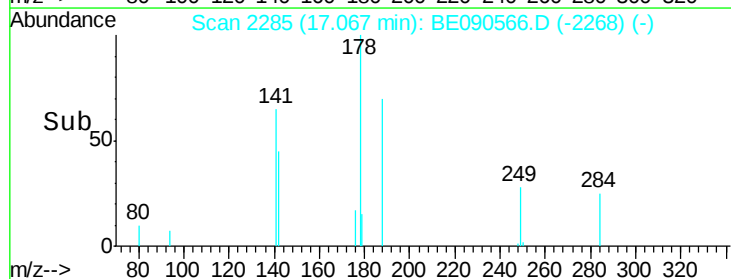
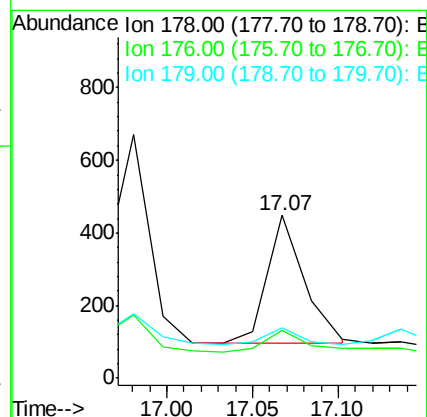
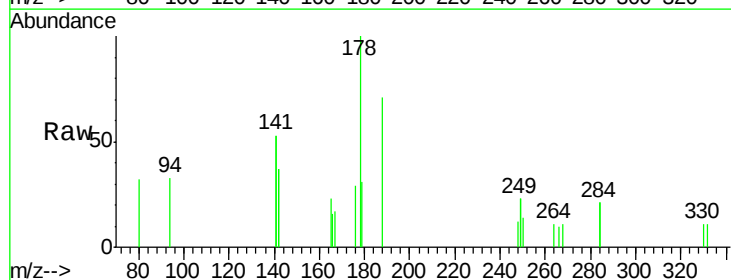
Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-S

Tgt Ion: 266 Resp: 78
 Ion Ratio Lower Upper
 266 100
 268 92.6 58.5 87.7#
 264 85.3 56.0 84.0#



#22
 Phenanthrene
 Concen: 0.01 ng
 RT: 17.07 min Scan# 2285
 Delta R.T. 0.09 min
 Lab File: BE090566.D
 Acq: 18 Aug 2015 22:32

Tgt Ion: 178 Resp: 535
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.0 12.5 18.7





#23

Anthracene

Concen: 0.02 ng

RT: 17.07 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

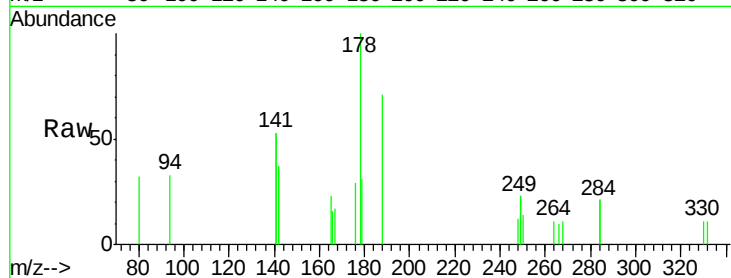
Tgt Ion:178 Resp: 635

Ion Ratio Lower Upper

178 100

176 21.3 14.9 22.3

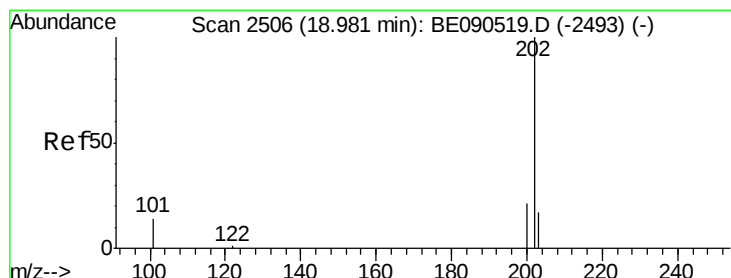
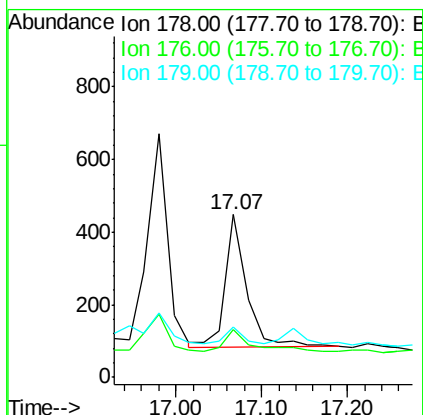
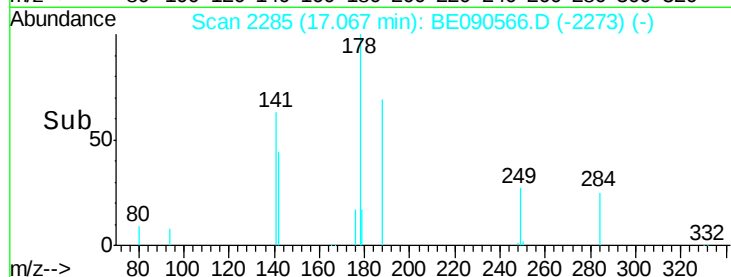
179 13.4 12.2 18.4



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: 0.03 ng

RT: 18.98 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

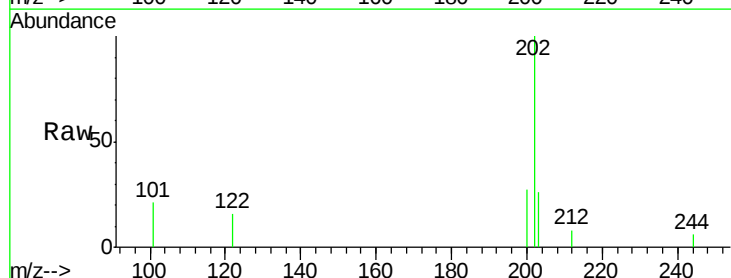
Tgt Ion:202 Resp: 1142

Ion Ratio Lower Upper

202 100

101 15.4 10.3 15.5

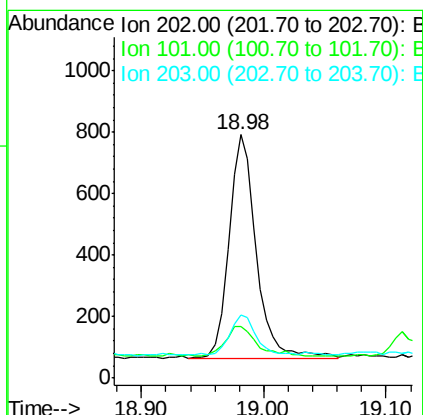
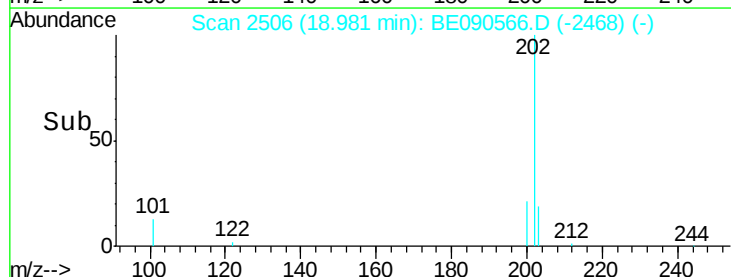
203 17.2 13.7 20.5



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





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

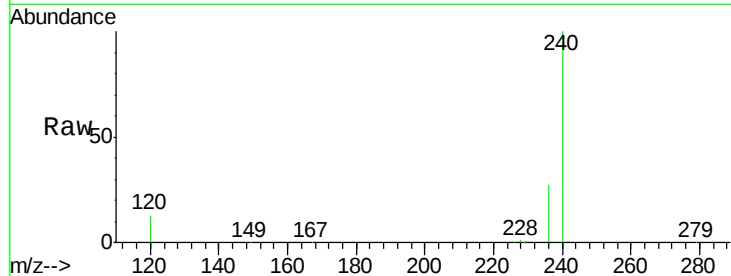
Tgt Ion:240 Resp: 145646

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

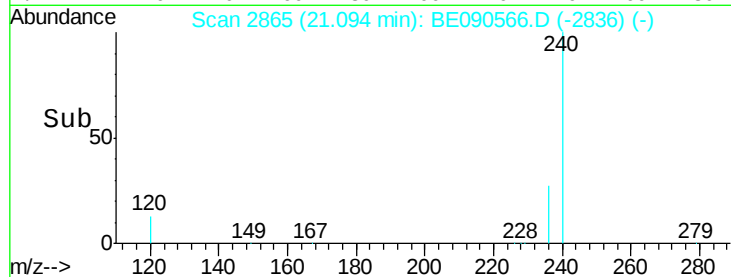
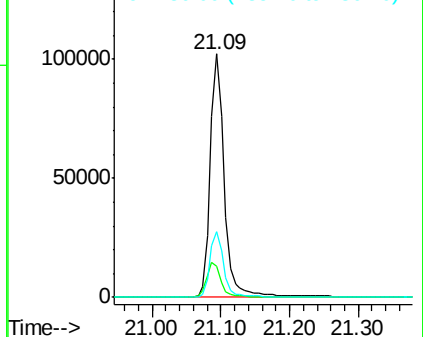
236 26.9 21.0 31.4



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: 0.03 ng

RT: 19.34 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

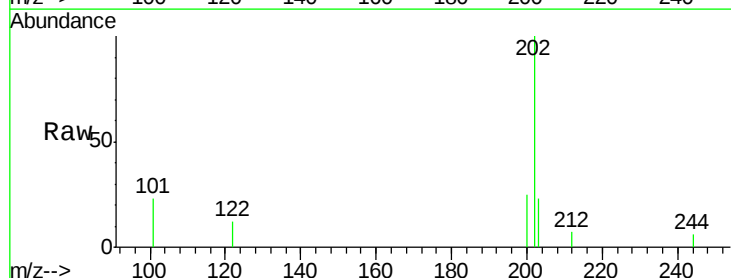
Tgt Ion:202 Resp: 1225

Ion Ratio Lower Upper

202 100

200 22.5 16.7 25.1

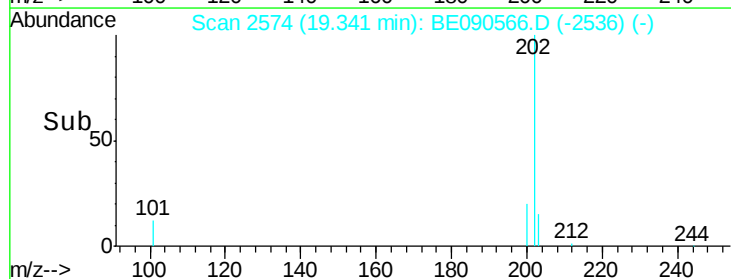
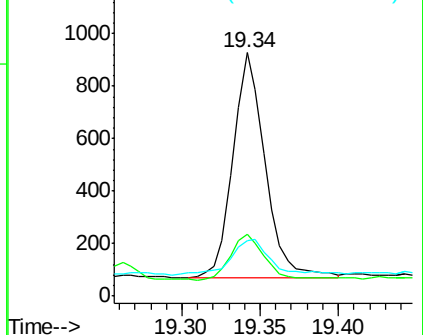
203 20.9 13.8 20.8#



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

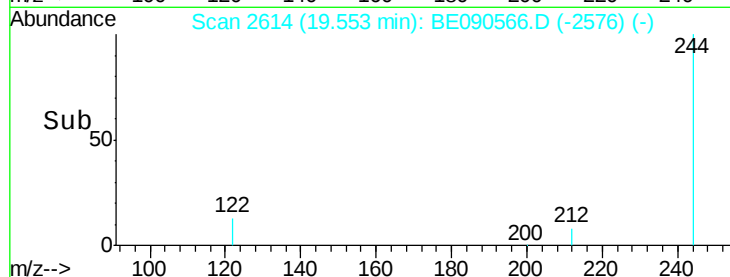
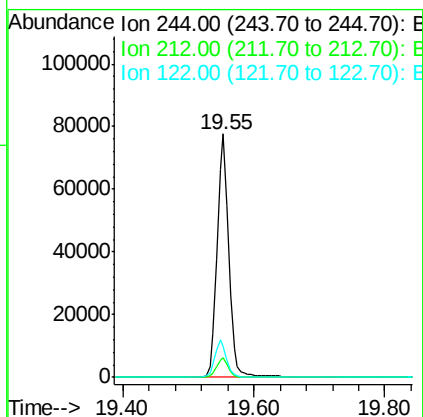
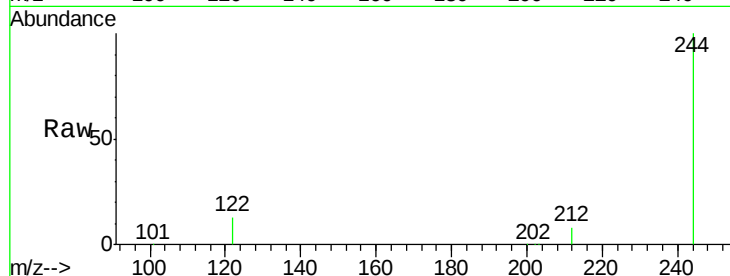




#27
 Terphenyl-d14
 Concen: 3.63 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BE090566.D
 Acq: 18 Aug 2015 22:32

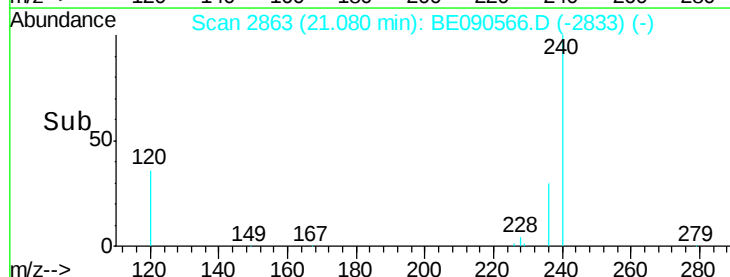
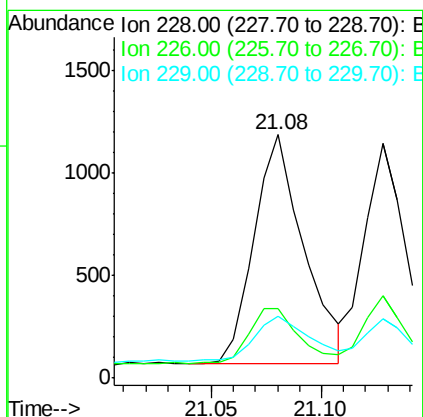
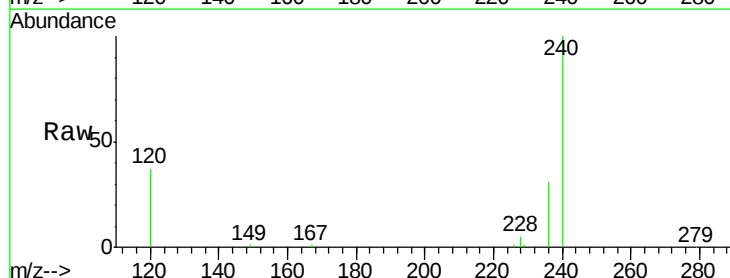
Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-S

Tgt Ion: 244 Resp: 96566
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 12.7 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.05 ng
 RT: 21.08 min Scan# 2863
 Delta R.T. 0.01 min
 Lab File: BE090566.D
 Acq: 18 Aug 2015 22:32

Tgt Ion: 228 Resp: 1769
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.9 32.9
 229 25.4 15.4 23.0#





#29

Chrysene

Concen: 0.04 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

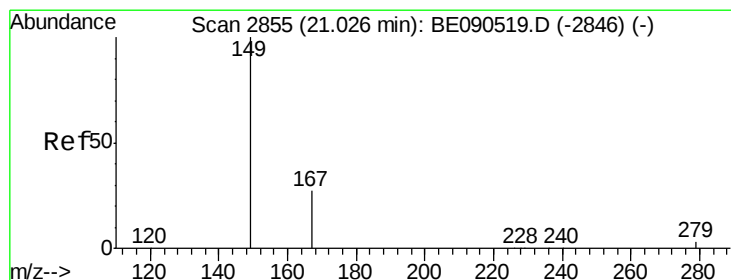
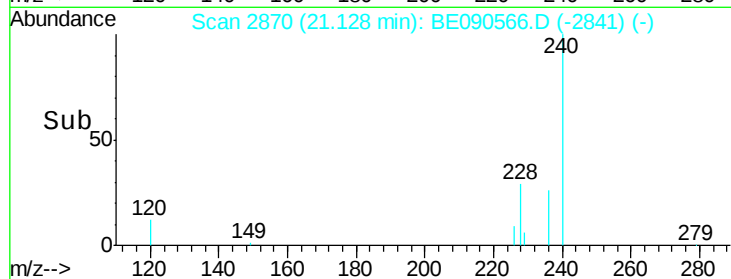
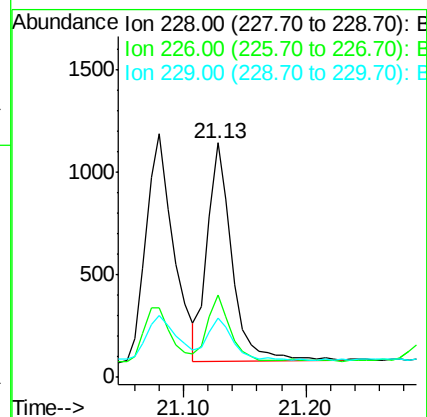
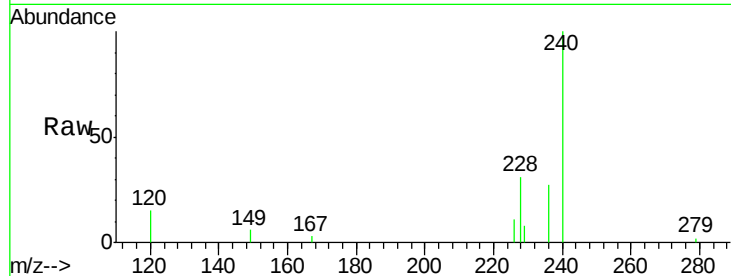
Tgt Ion:228 Resp: 1496

Ion Ratio Lower Upper

228 100

226 35.1 23.1 34.7#

229 25.1 15.8 23.8#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.29 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

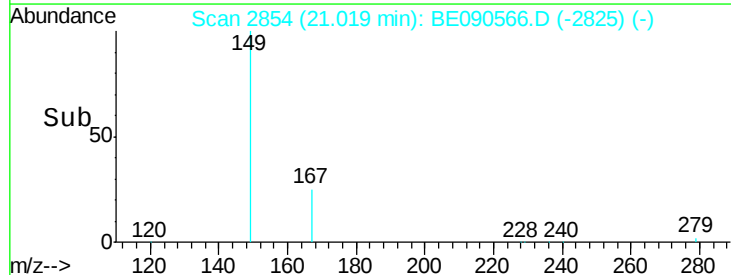
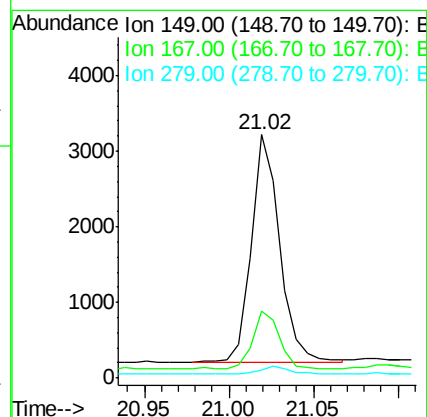
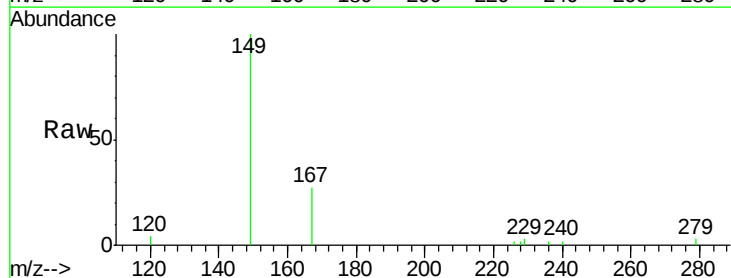
Tgt Ion:149 Resp: 3479

Ion Ratio Lower Upper

149 100

167 25.1 19.8 29.8

279 3.1 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

RT: 25.78 min Scan# 3827

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

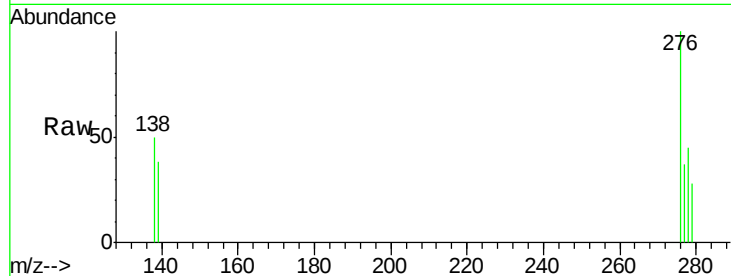
Tgt Ion:276 Resp: 1114

Ion Ratio Lower Upper

276 100

138 29.4 18.8 28.2#

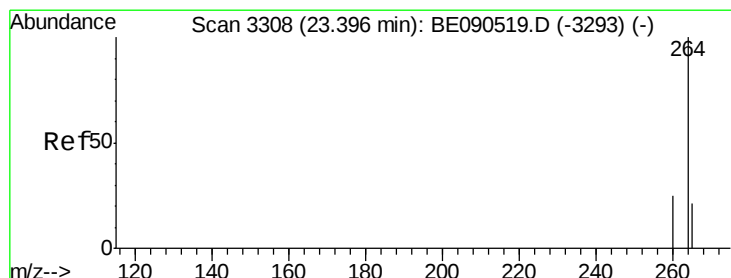
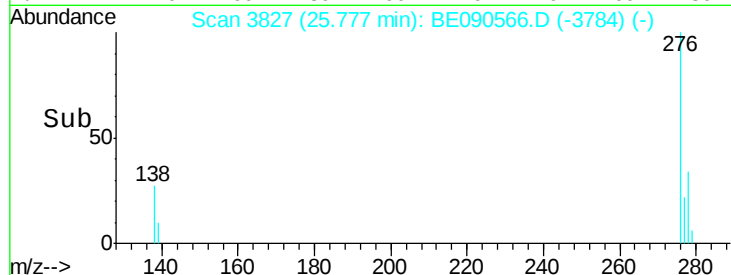
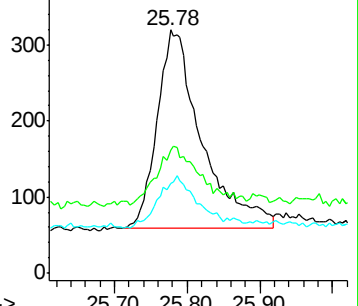
277 22.7 18.2 27.4



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# 3308

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Tgt Ion:264 Resp: 131746

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

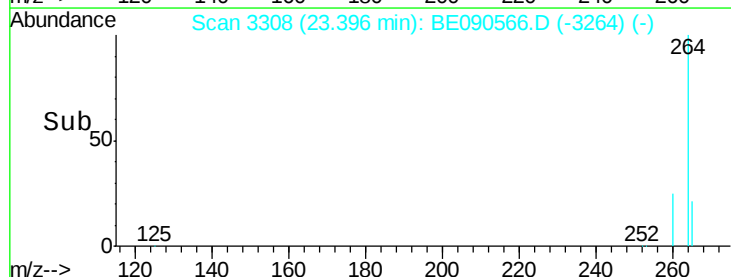
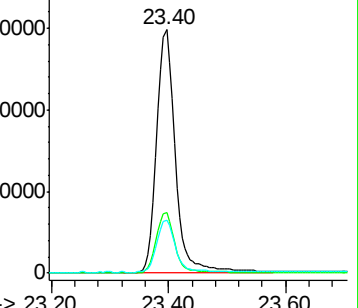
265 21.9 17.2 25.8



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: 0.04 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

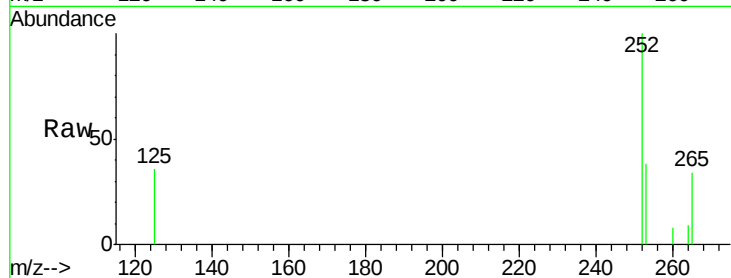
Tgt Ion: 252 Resp: 1251

Ion Ratio Lower Upper

252 100

253 37.9 18.1 27.1#

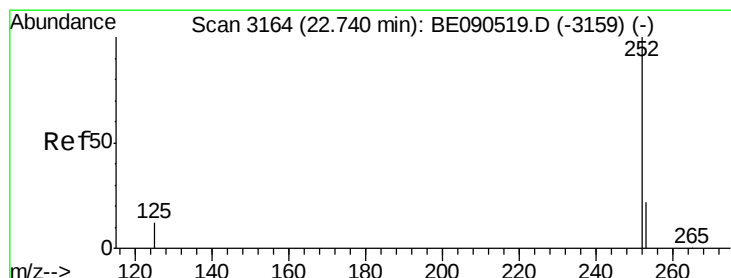
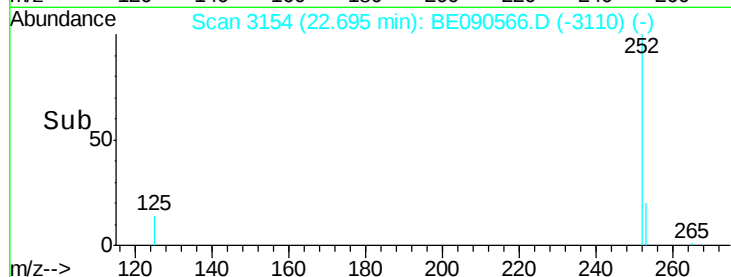
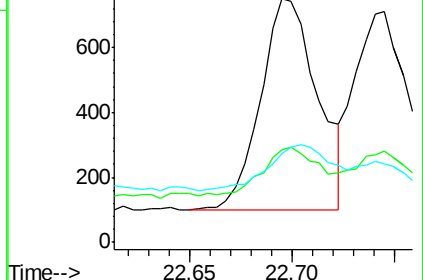
125 36.4 9.4 14.2#



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: 0.03 ng

RT: 22.75 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

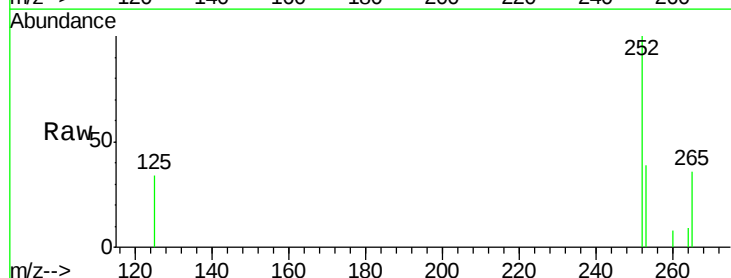
Tgt Ion: 252 Resp: 1151

Ion Ratio Lower Upper

252 100

253 39.5 18.1 27.1#

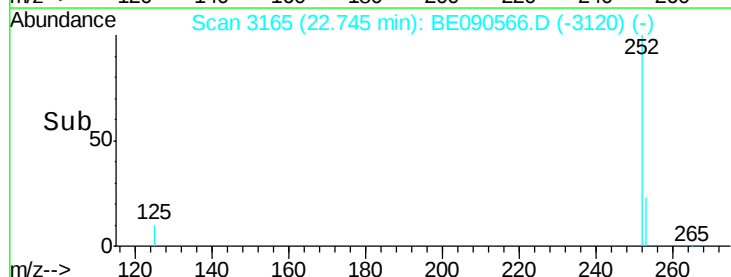
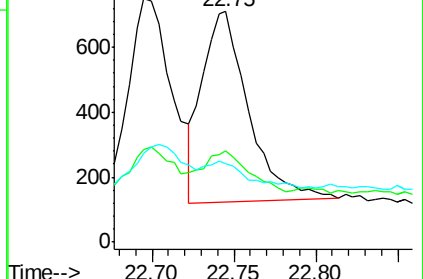
125 33.9 9.1 13.7#



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: 0.04 ng

RT: 23.29 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S

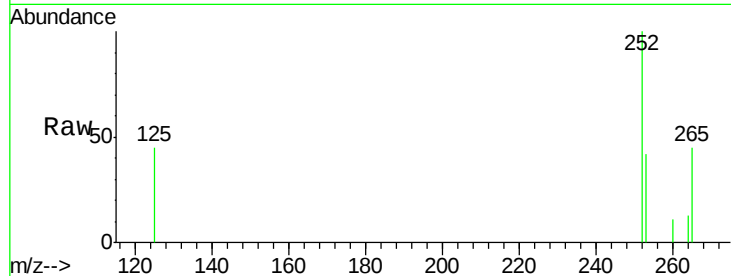
Tgt Ion:252 Resp: 1089

Ion Ratio Lower Upper

252 100

253 42.1 17.6 26.4#

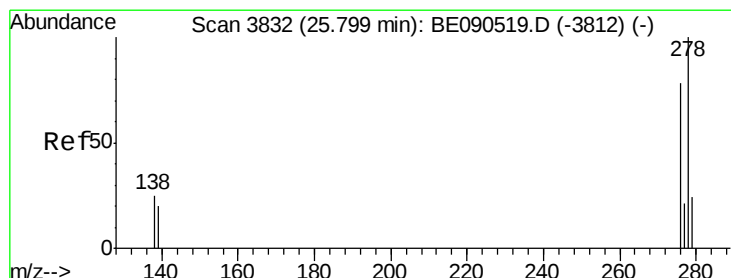
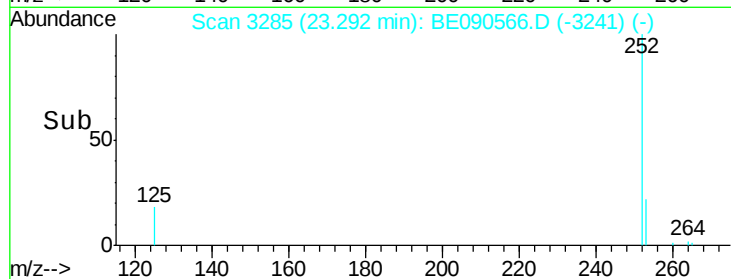
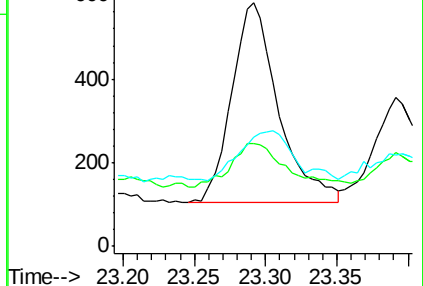
125 44.8 9.8 14.6#



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: 0.03 ng

RT: 25.80 min Scan# 3832

Delta R.T. -0.00 min

Lab File: BE090566.D

Acq: 18 Aug 2015 22:32

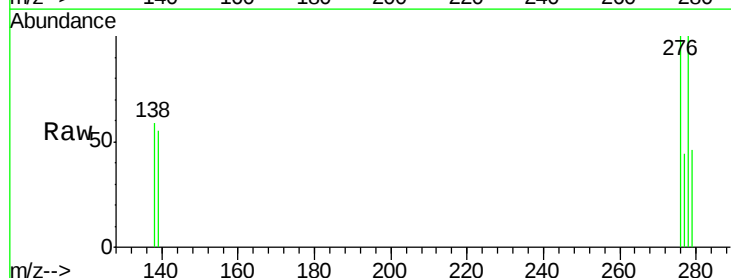
Tgt Ion:278 Resp: 824

Ion Ratio Lower Upper

278 100

139 55.5 14.2 21.4#

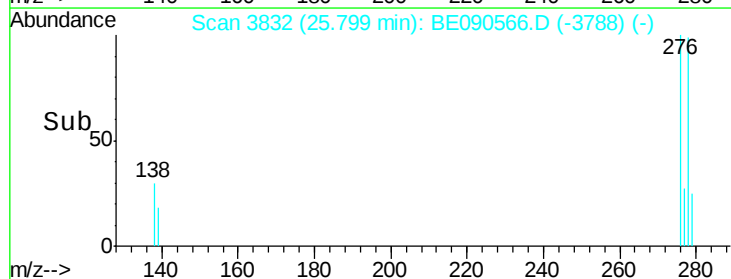
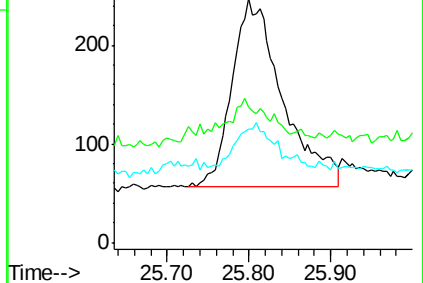
279 46.6 20.1 30.1#



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: 0.03 ng

RT: 26.51 min Scan# 3989

Delta R.T. 0.01 min

Lab File: BE090566.D

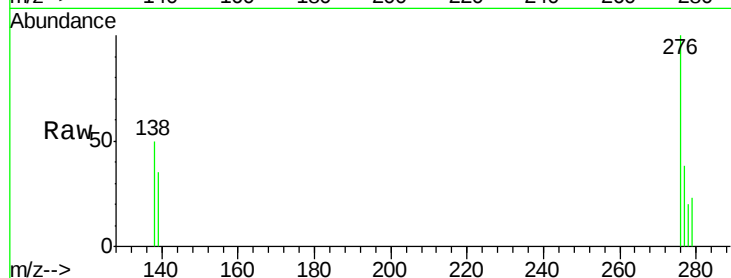
Acq: 18 Aug 2015 22:32

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-S



Tgt Ion: 276 Resp: 1043

Ion Ratio Lower Upper

276 100

277 38.0 20.1 30.1#

138 50.5 18.1 27.1#

