

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090564.D
 Acq On : 18 Aug 2015 21:17
 Operator : UM/IZ
 Sample : G3329-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081715-D534-F-D-S

Quant Time: Aug 19 02:35:13 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	23269	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	117041	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	63968	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	138193	5.00	ng	0.00
25) Chrysene-d12	21.09	240	136170	5.00	ng	0.00
32) Perylene-d12	23.40	264	124091	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17879	2.66	ng	0.00
5) Phenol-d6	6.78	99	14439	1.46	ng	0.00
7) Nitrobenzene-d5	8.72	82	30953	3.32	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	19458	7.90	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	66358	3.47	ng	0.00
27) Terphenyl-d14	19.55	244	95067	3.82	ng	0.00

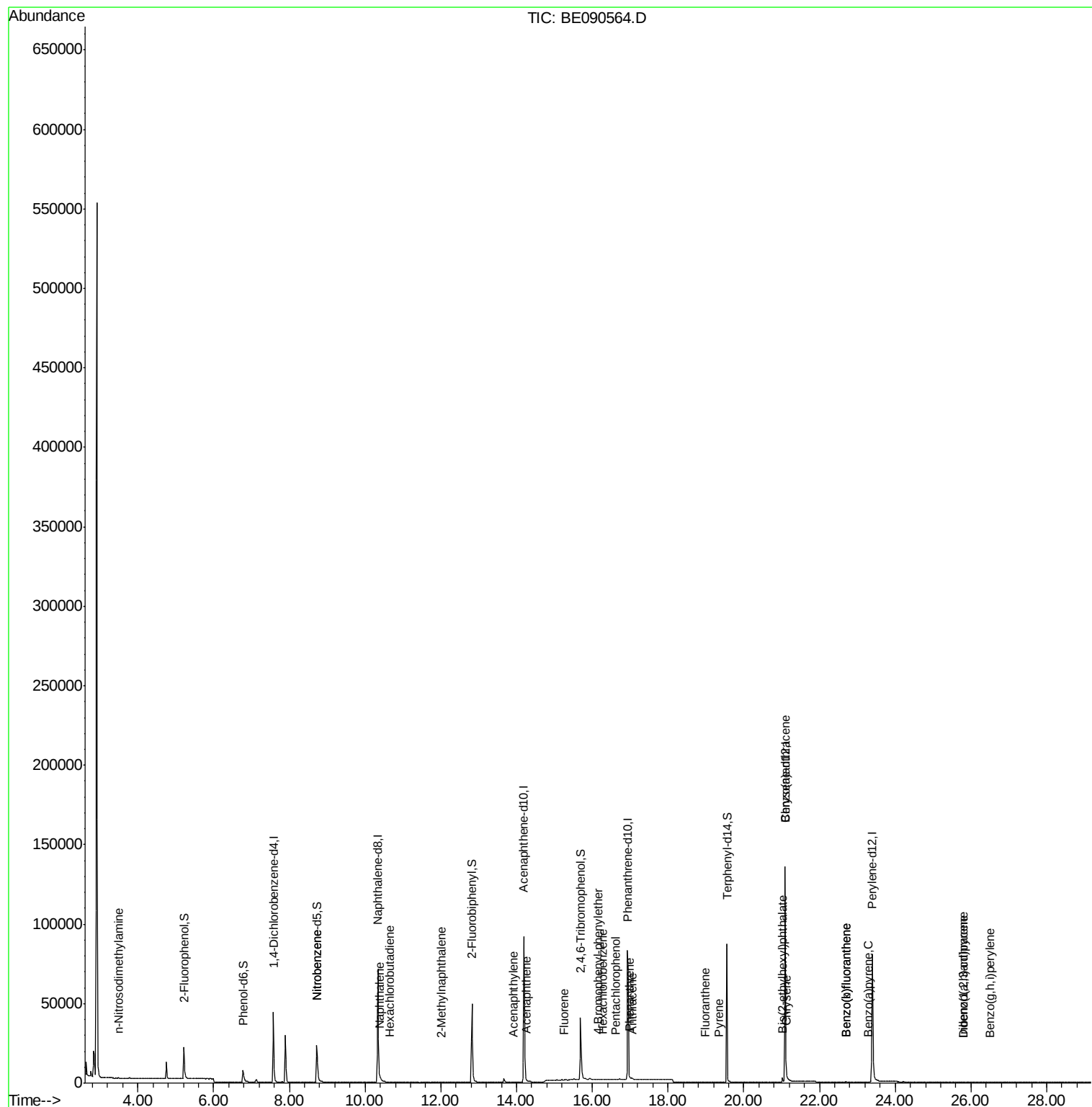
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	55	Below Cal	#	15
3) n-Nitrosodimethylamine	3.49	42	36	0.01	ng	28
8) Nitrobenzene	8.72	77	76	0.01	ng	32
9) Naphthalene	10.38	128	302	0.01	ng	38
10) Hexachlorobutadiene	10.67	225	3	0.00	ng	1
11) 2-Methylnaphthalene	12.02	142	126	0.01	ng	68
15) Acenaphthylene	13.91	152	126	0.00	ng	85
16) Acenaphthene	14.25	154	69	0.00	ng	79
17) Fluorene	15.26	166	245	0.01	ng	66
19) 4-Bromophenyl-phenylether	16.14	248	18	0.00	ng	1
20) Hexachlorobenzene	16.27	284	48	0.00	ng	40
21) Pentachlorophenol	16.61	266	17	0.31	ng	66
22) Phenanthrene	16.98	178	638	0.02	ng	81
23) Anthracene	17.07	178	101	0.00	ng	82
24) Fluoranthene	18.98	202	301	0.01	ng	89
26) Pyrene	19.34	202	337	0.01	ng	92
28) Benzo(a)anthracene	21.09	228	531	0.01	ng	74
29) Chrysene	21.13	228	138	0.00	ng	34
30) Bis(2-ethylhexyl)phthalate	21.02	149	2403	0.25	ng	100
31) Indeno(1,2,3-cd)pyrene	25.78	276	154	0.00	ng	60
33) Benzo(b)fluoranthene	22.71	252	135	0.00	ng	1
34) Benzo(k)fluoranthene	22.71	252	135	0.00	ng	1
35) Benzo(a)pyrene	23.29	252	123	0.00	ng	1
36) Dibenzo(a,h)anthracene	25.80	278	127	0.00	ng	1
37) Benzo(g,h,i)perylene	26.51	276	134	0.00	ng	1

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

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Quant Time: Aug 19 02:35:13 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: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

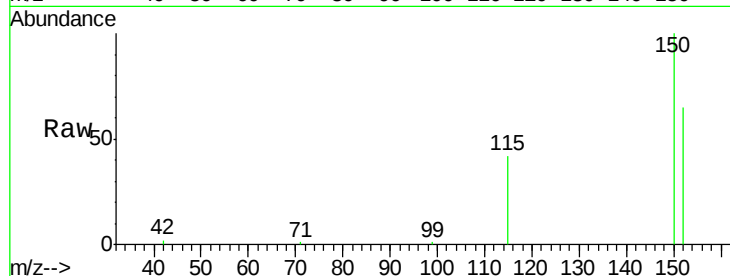
Tgt Ion:152 Resp: 23269

Ion Ratio Lower Upper

152 100

150 152.8 123.0 184.4

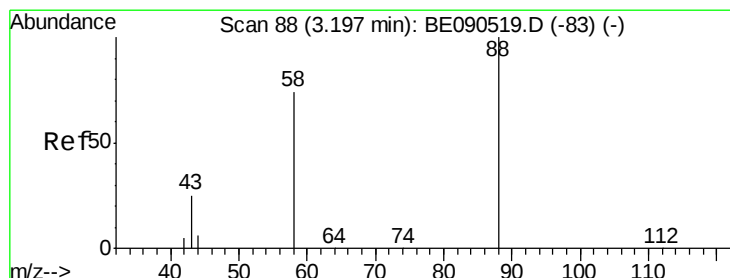
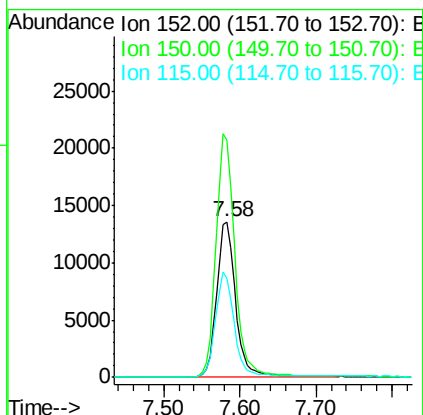
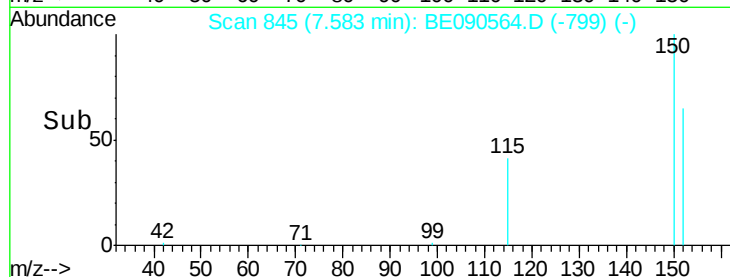
115 63.5 48.9 73.3



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: 3.26 min Scan# 98

Delta R.T. 0.07 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

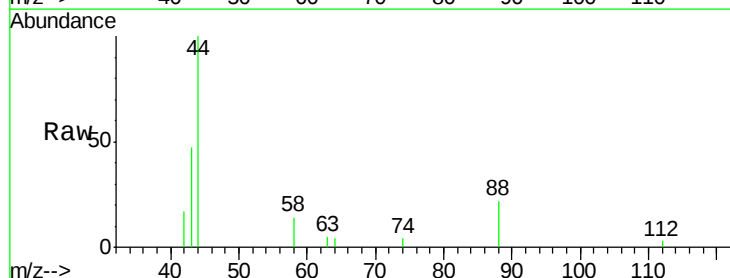
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

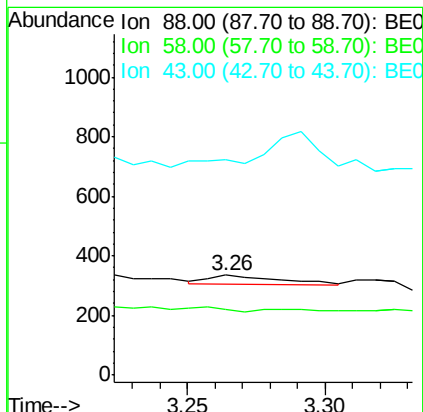
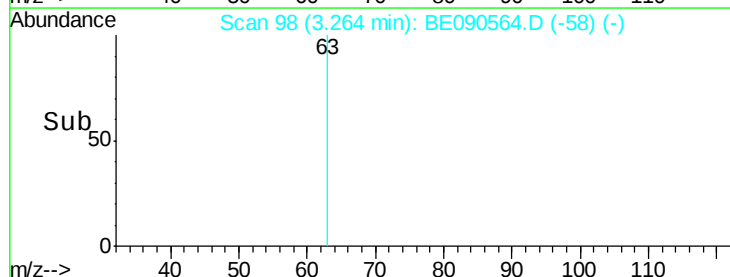
43 0.0 28.4 42.6#



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: 0.01 ng

RT: 3.49 min Scan# 132

Delta R.T. 0.01 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

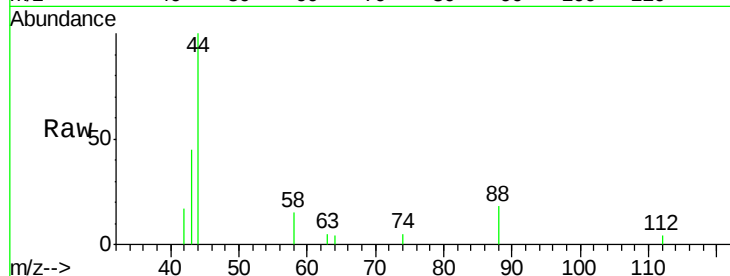
Tgt Ion: 42 Resp: 36

Ion Ratio Lower Upper

42 100

74 19.4 75.2 112.8#

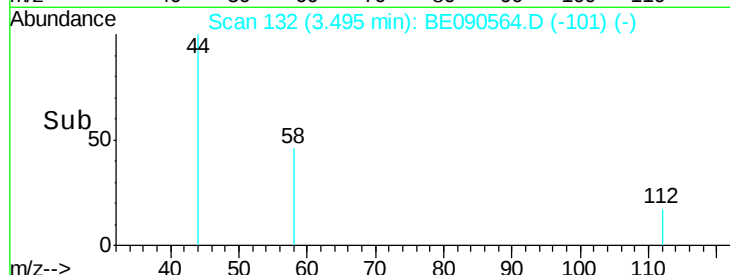
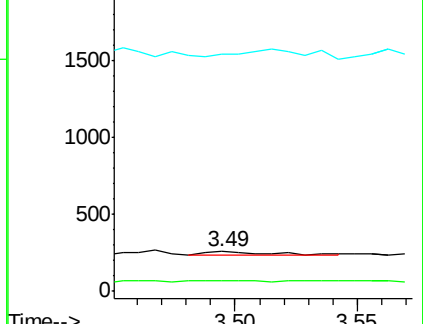
44 0.0 8.7 13.1#



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: 2.66 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

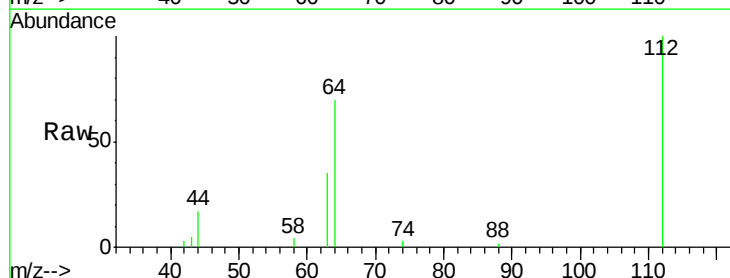
Tgt Ion: 112 Resp: 17879

Ion Ratio Lower Upper

112 100

64 69.7 37.1 55.7#

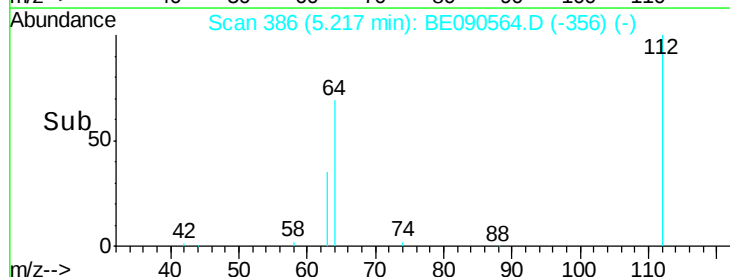
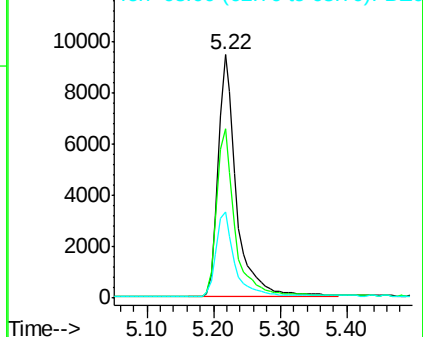
63 35.4 19.5 29.3#

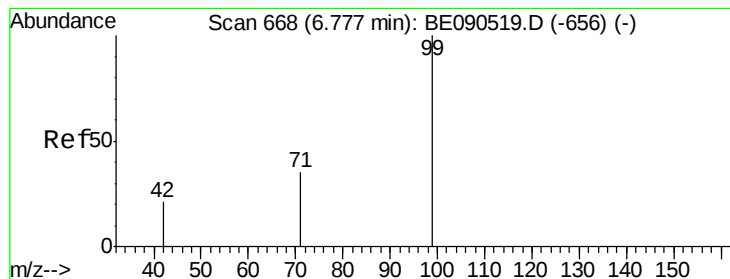


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.46 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

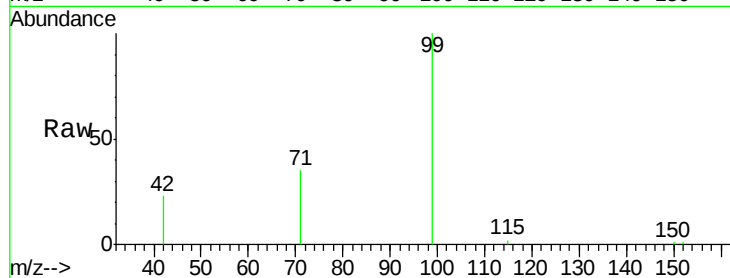
Tgt Ion: 99 Resp: 14439

Ion Ratio Lower Upper

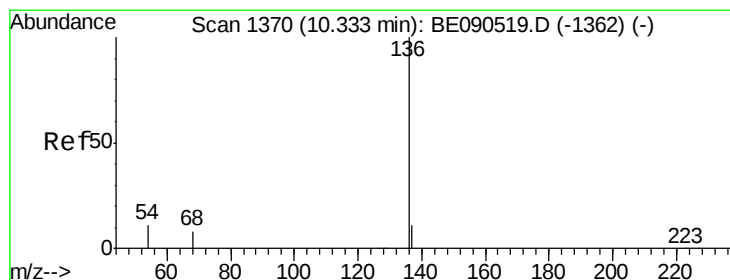
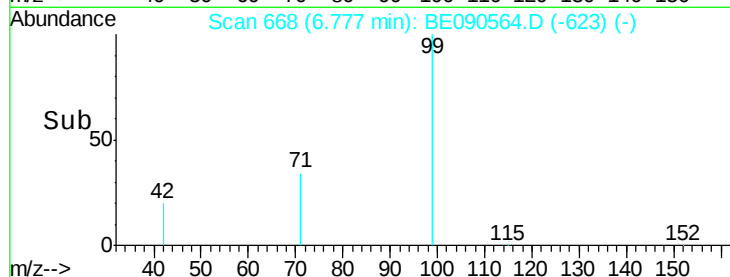
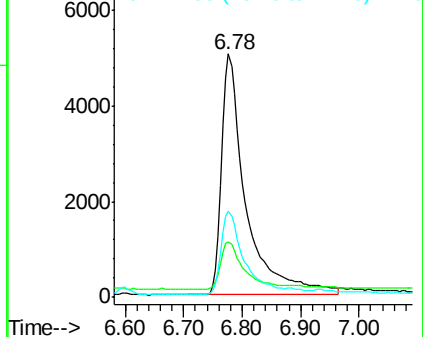
99 100

42 20.1 18.2 27.4

71 32.4 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: BE090564.D

Acq: 18 Aug 2015 21:17

Tgt Ion: 136 Resp: 117041

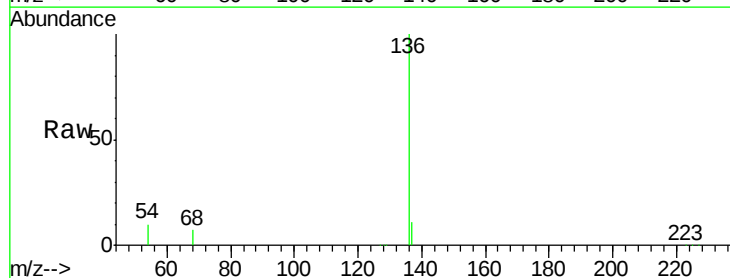
Ion Ratio Lower Upper

136 100

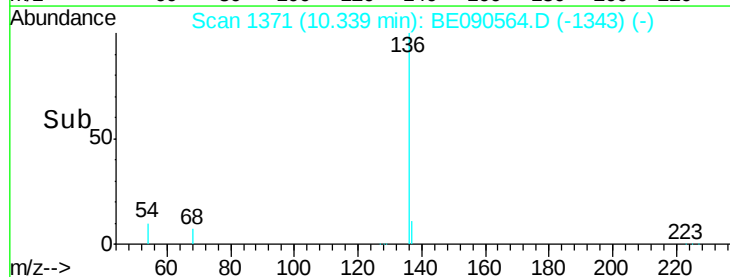
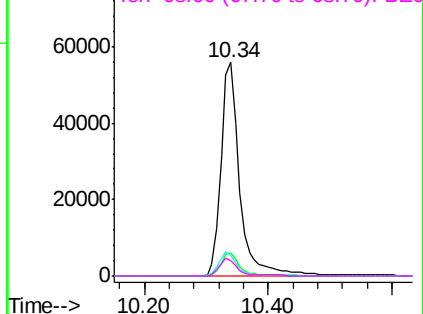
137 11.0 8.7 13.1

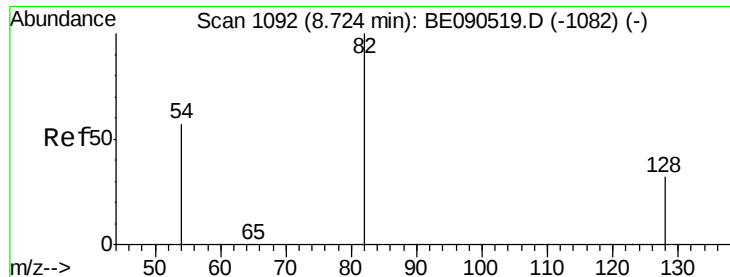
54 9.8 9.4 14.0

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: 3.32 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

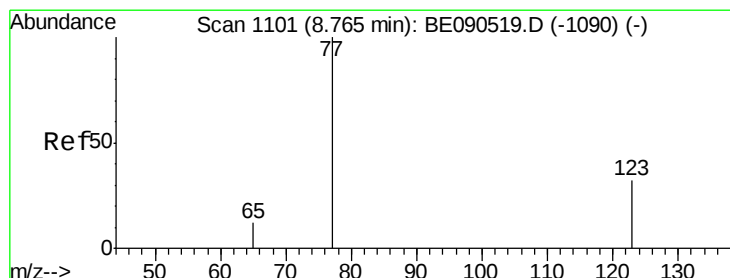
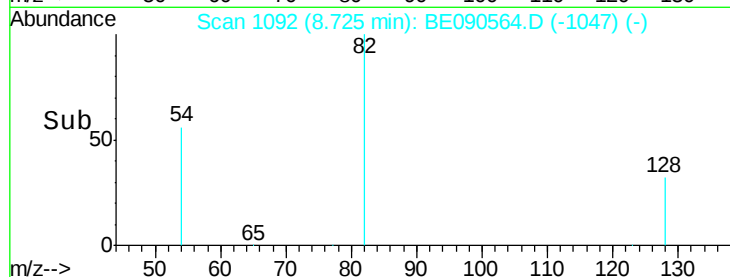
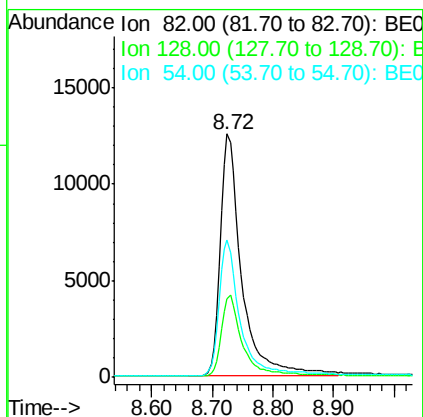
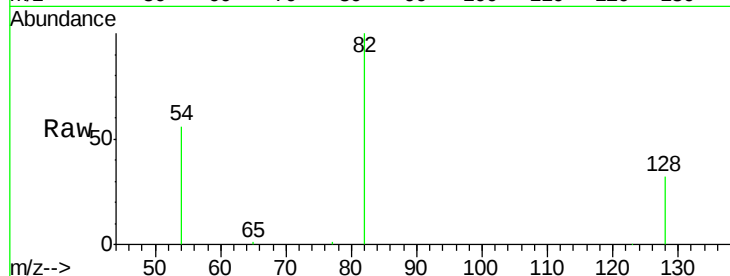
Tgt Ion: 82 Resp: 30953

Ion Ratio Lower Upper

82 100

128 32.3 25.0 37.6

54 56.3 48.8 73.2



#8

Nitrobenzene

Concen: 0.01 ng

RT: 8.72 min Scan# 1092

Delta R.T. -0.04 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

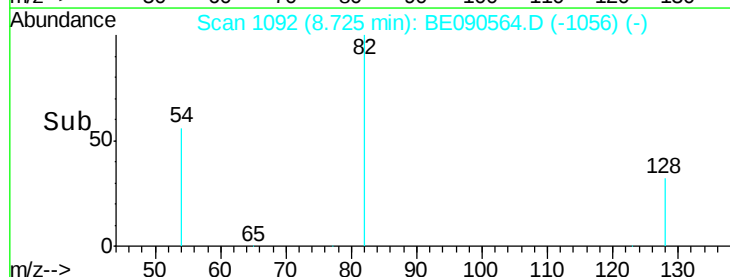
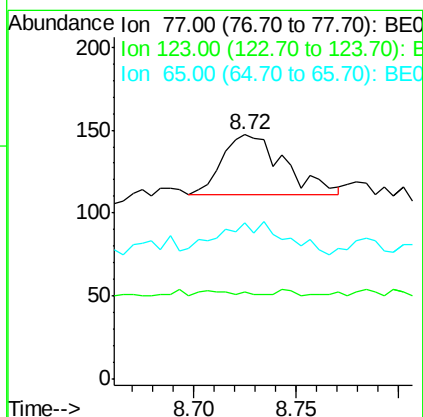
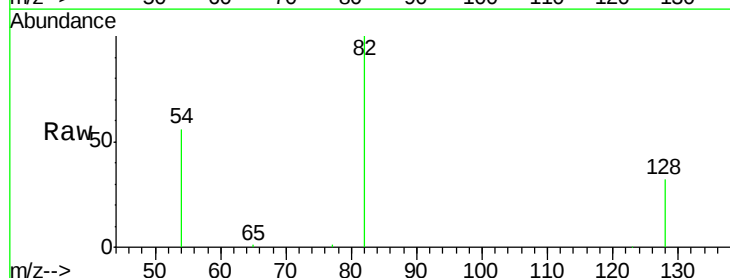
Tgt Ion: 77 Resp: 76

Ion Ratio Lower Upper

77 100

123 3.9 25.1 37.7#

65 56.6 9.3 13.9#





#9

Naphthalene

Concen: 0.01 ng

RT: 10.38 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

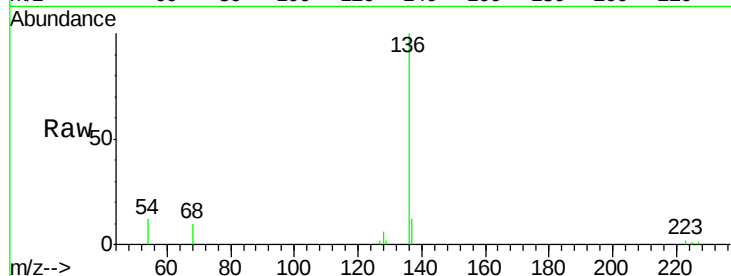
Tgt Ion:128 Resp: 302

Ion Ratio Lower Upper

128 100

129 38.8 9.8 14.6#

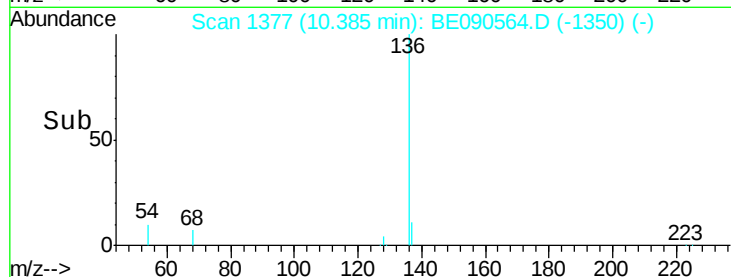
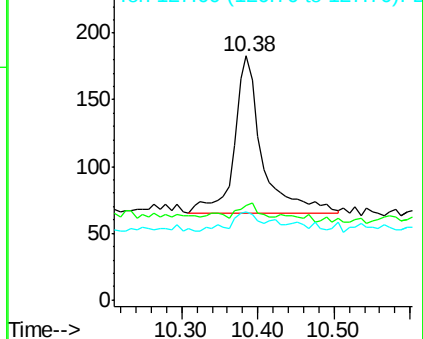
127 36.1 10.6 16.0#



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: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

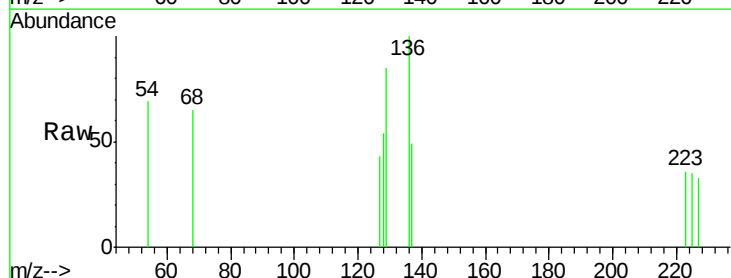
Tgt Ion:225 Resp: 3

Ion Ratio Lower Upper

225 100

223 233.3 50.6 75.8#

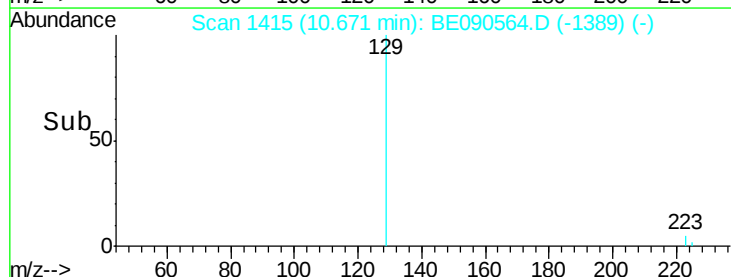
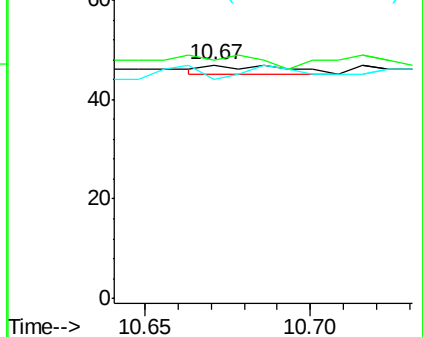
227 66.7 50.7 76.1

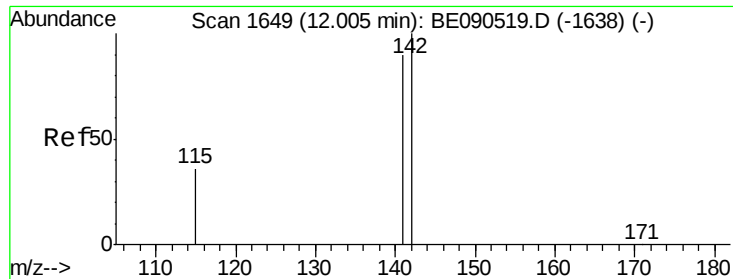


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

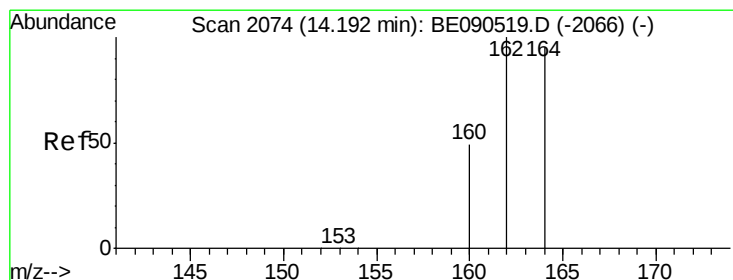
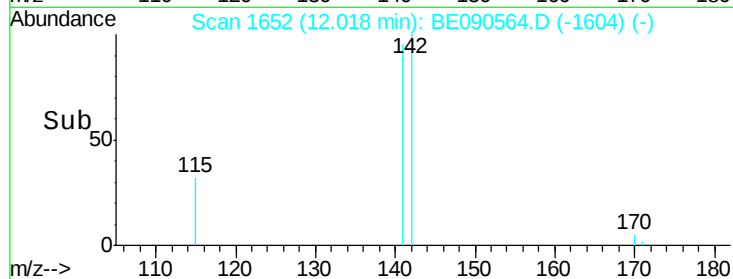
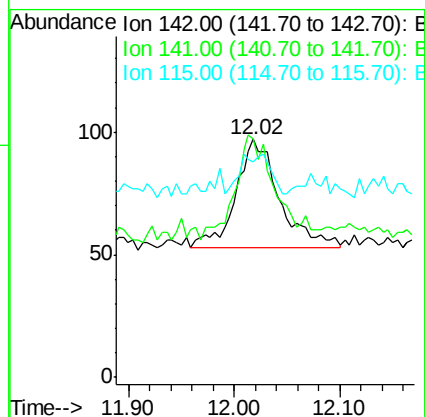
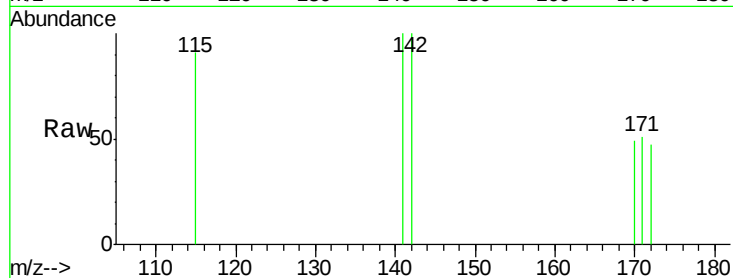




#11
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.02 min Scan# 1652
Delta R.T. 0.02 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

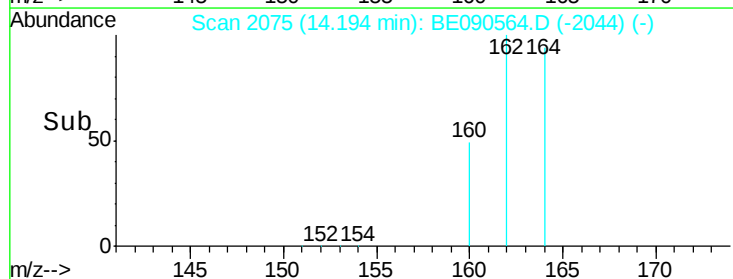
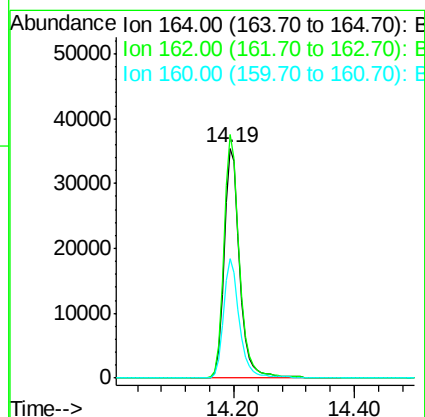
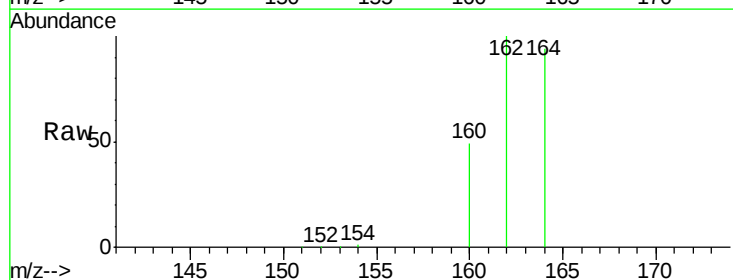
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Tgt Ion:142 Resp: 126
Ion Ratio Lower Upper
142 100
141 100.0 72.6 109.0
115 90.7 31.6 47.4#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:164 Resp: 63968
Ion Ratio Lower Upper
164 100
162 106.0 81.8 122.8
160 52.0 44.2 66.4

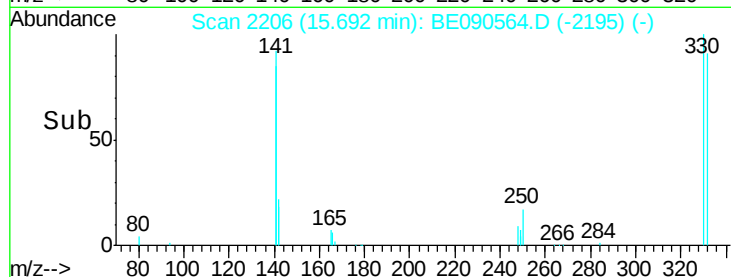
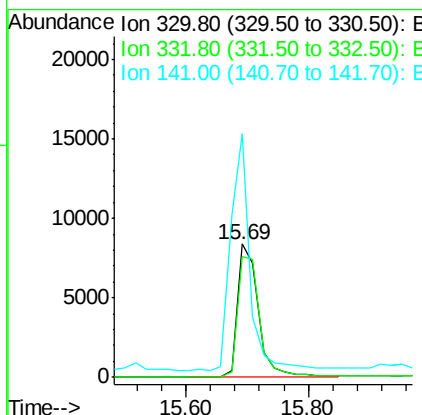
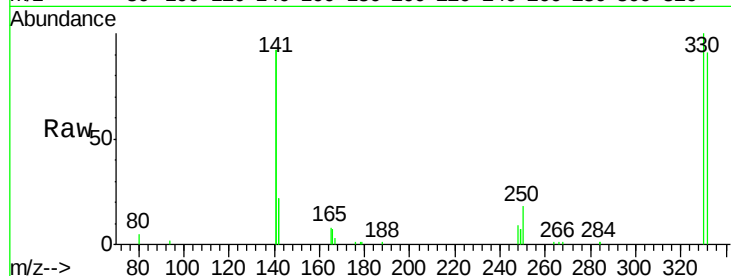




#13
 2,4,6-Tribromophenol
 Concen: 7.90 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090564.D
 Acq: 18 Aug 2015 21:17

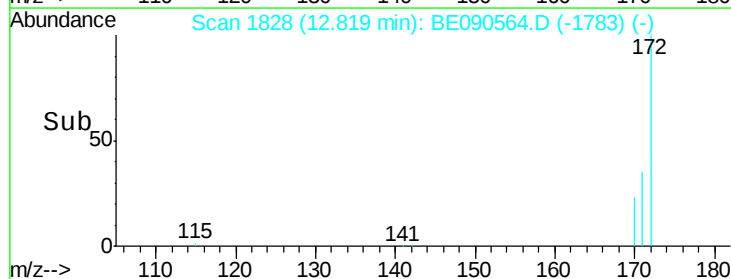
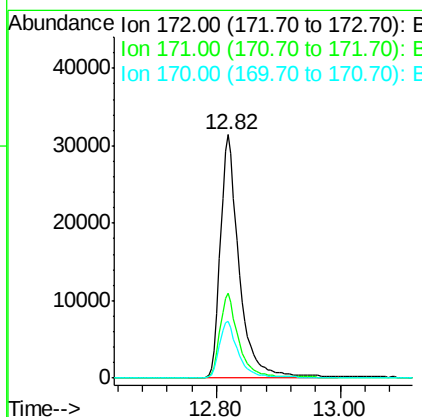
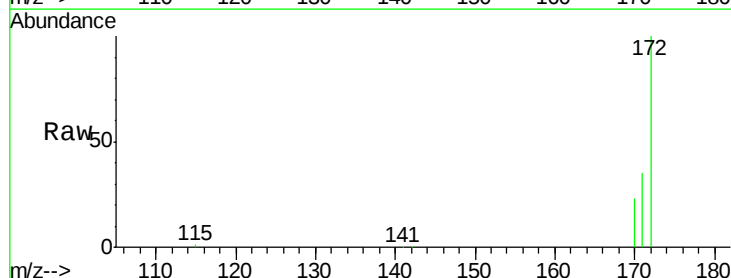
Instrument :
 BNA_E
 ClientSampleId :
 081715-D534-F-D-S

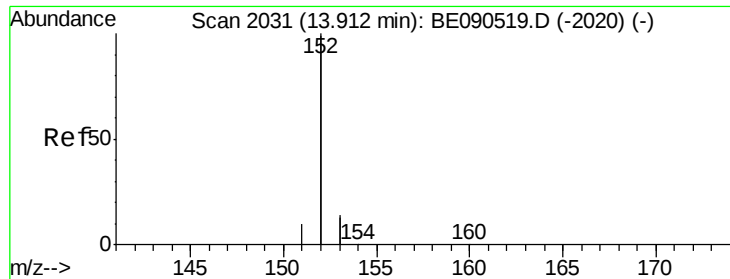
Tgt Ion:330 Resp: 19458
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.8 113.6
 141 168.7 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.47 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090564.D
 Acq: 18 Aug 2015 21:17

Tgt Ion:172 Resp: 66358
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.1 19.8 29.8





#15

Acenaphthylene

Concen: 0.00 ng

RT: 13.91 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

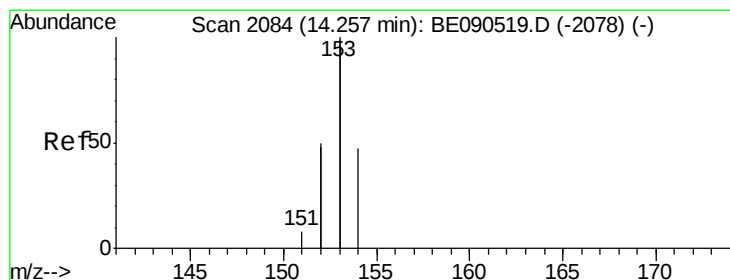
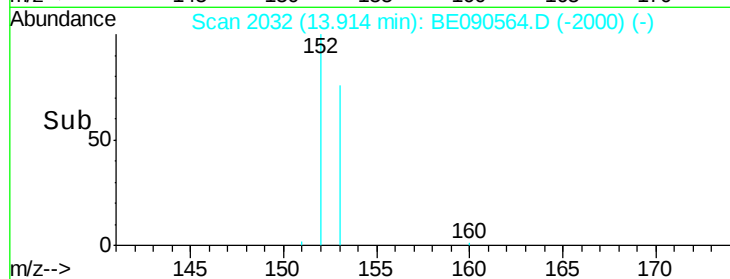
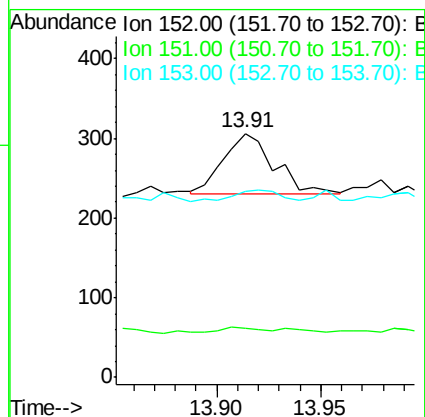
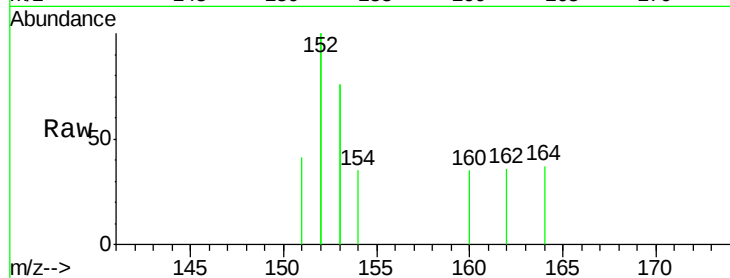
Tgt Ion:152 Resp: 126

Ion Ratio Lower Upper

152 100

151 5.6 3.8 5.8

153 20.6 10.3 15.5#



#16

Acenaphthene

Concen: 0.00 ng

RT: 14.25 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

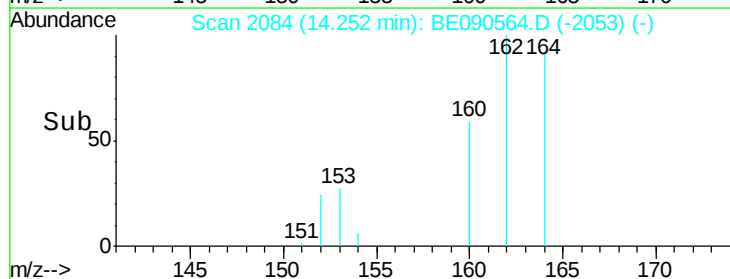
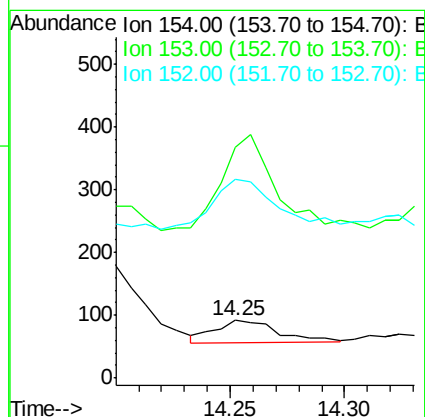
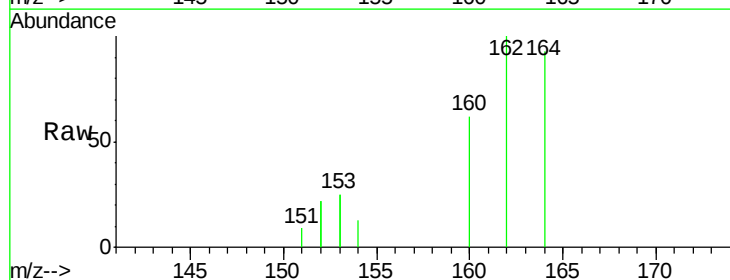
Tgt Ion:154 Resp: 69

Ion Ratio Lower Upper

154 100

153 398.6 376.2 564.2

152 272.5 235.0 352.4





#17

Fluorene

Concen: 0.01 ng

RT: 15.26 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

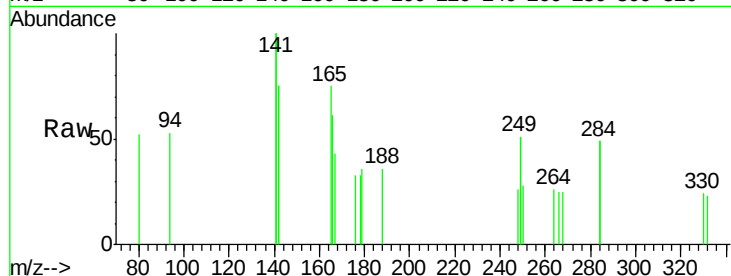
Tgt Ion:166 Resp: 245

Ion Ratio Lower Upper

166 100

165 67.3 81.5 122.3#

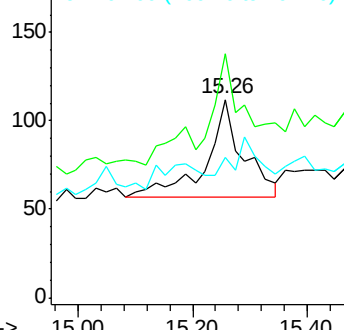
167 0.0 11.4 17.0#



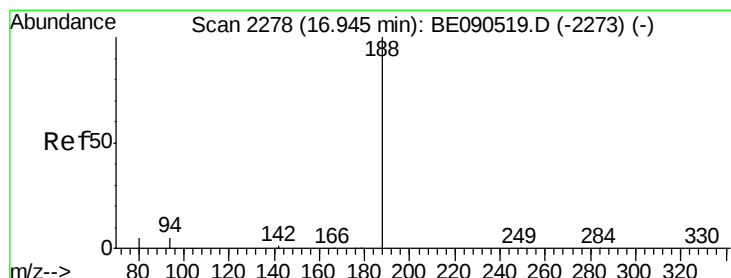
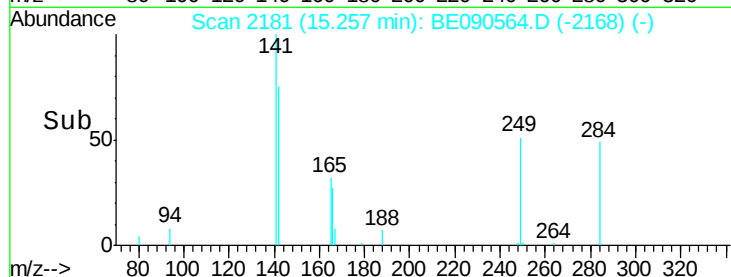
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

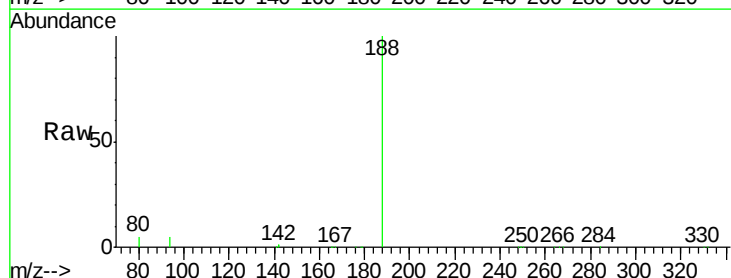
Tgt Ion:188 Resp: 138193

Ion Ratio Lower Upper

188 100

94 5.2 5.7 8.5#

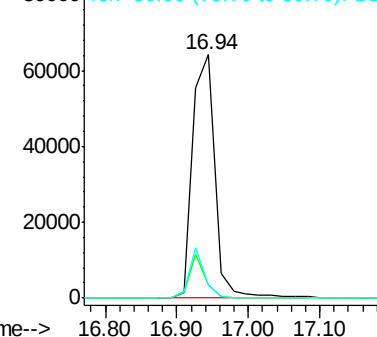
80 5.2 5.8 8.8#



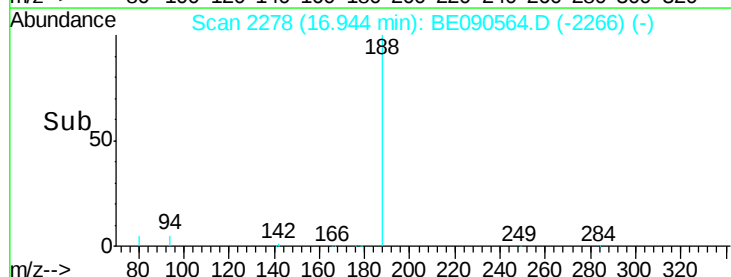
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->





#19

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.14 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

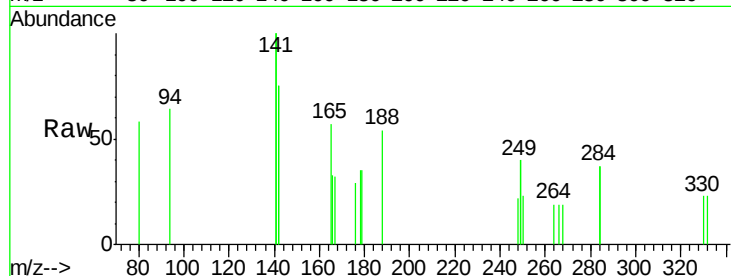
Tgt Ion:248 Resp: 18

Ion Ratio Lower Upper

248 100

250 0.0 79.0 118.6#

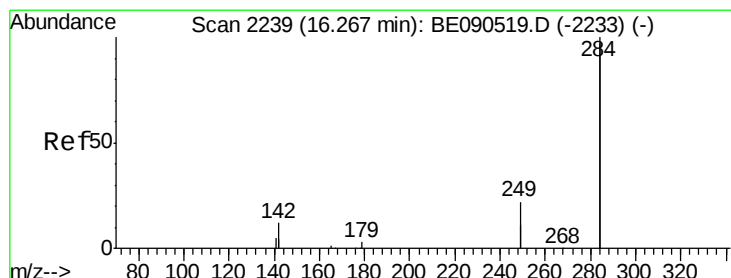
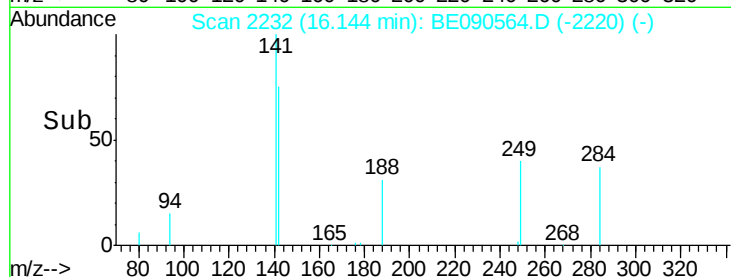
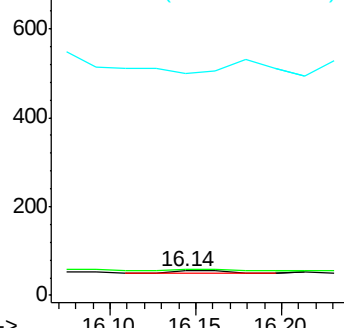
141 0.0 239.5 359.3#



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# 2239

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

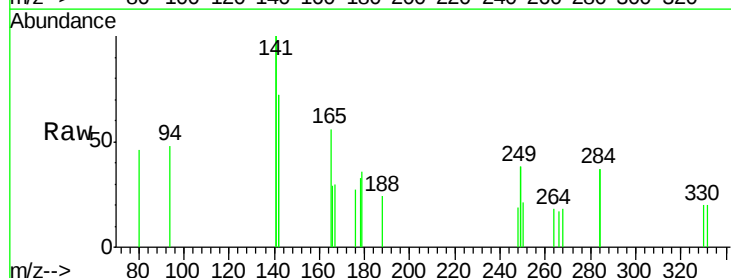
Tgt Ion:284 Resp: 48

Ion Ratio Lower Upper

284 100

142 0.0 30.1 45.1#

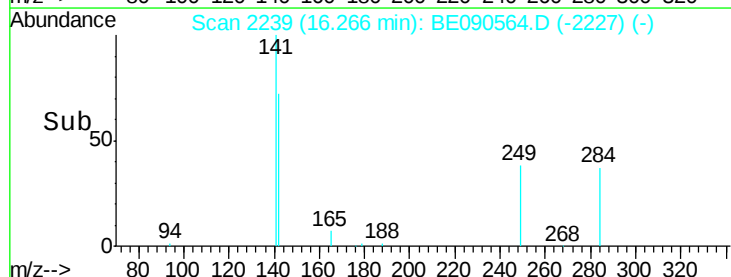
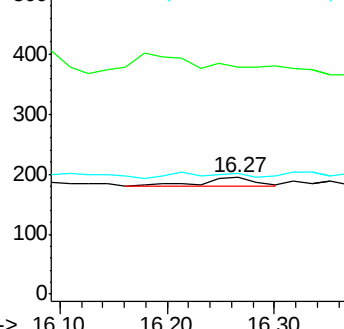
249 0.0 25.7 38.5#

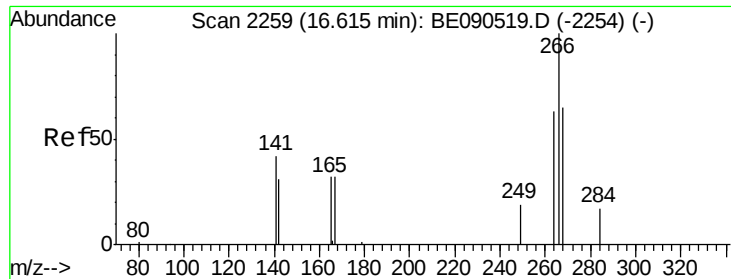


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.31 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

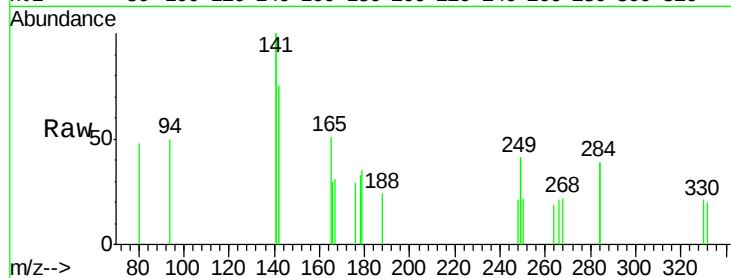
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

268 106.0 58.5 87.7#

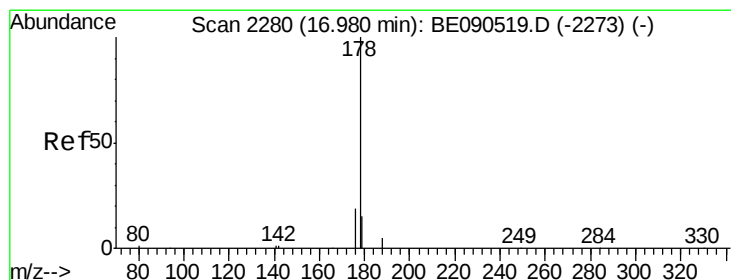
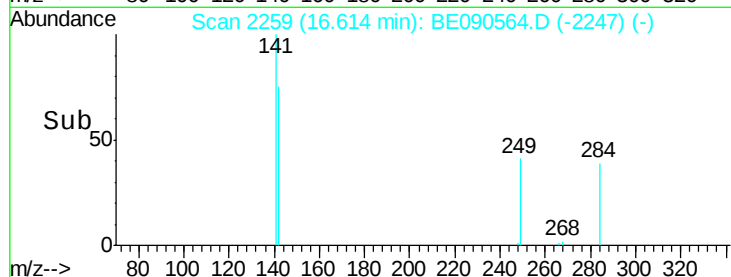
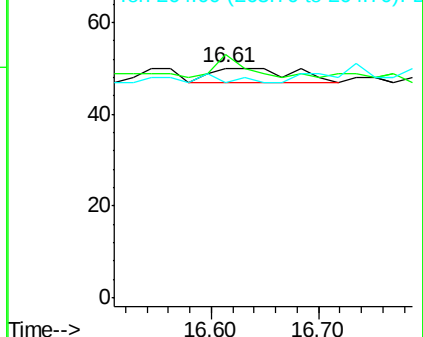
264 94.0 56.0 84.0#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.02 ng

RT: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

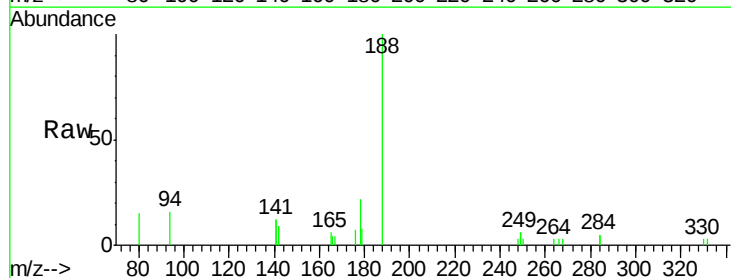
Tgt Ion:178 Resp: 638

Ion Ratio Lower Upper

178 100

176 21.3 15.4 23.2

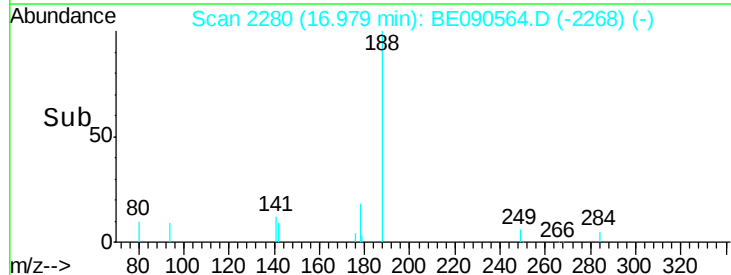
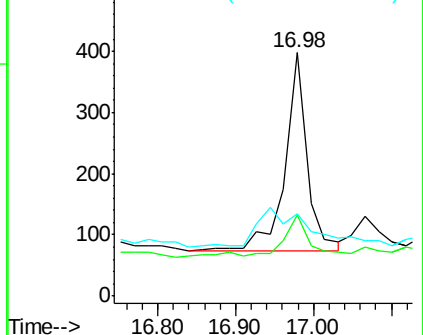
179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.00 ng

RT: 17.07 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

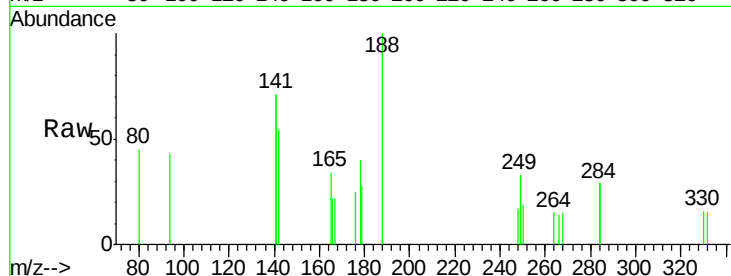
Tgt Ion:178 Resp: 101

Ion Ratio Lower Upper

178 100

176 19.8 14.9 22.3

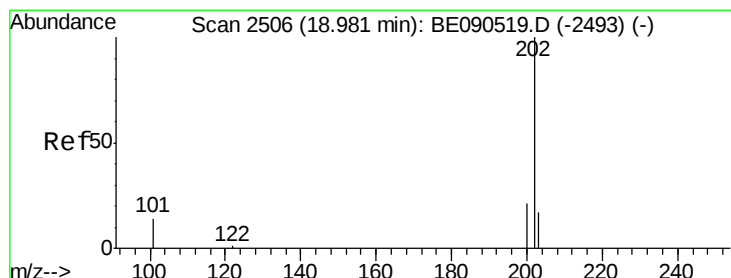
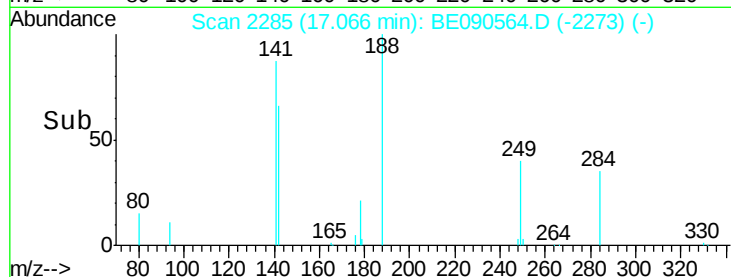
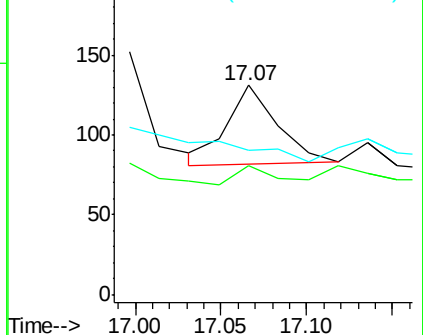
179 0.0 12.2 18.4#



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



#24

Fluoranthene

Concen: 0.01 ng

RT: 18.98 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

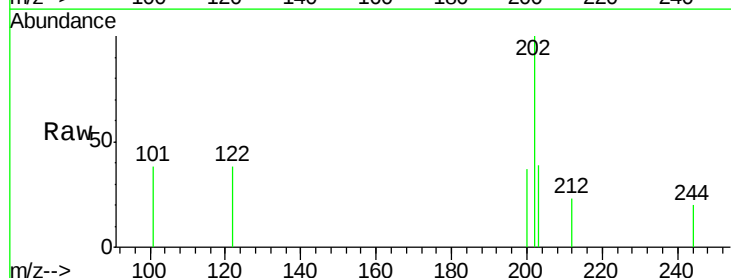
Tgt Ion:202 Resp: 301

Ion Ratio Lower Upper

202 100

101 20.6 10.3 15.5#

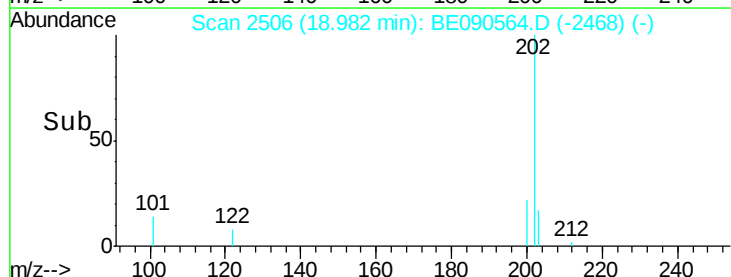
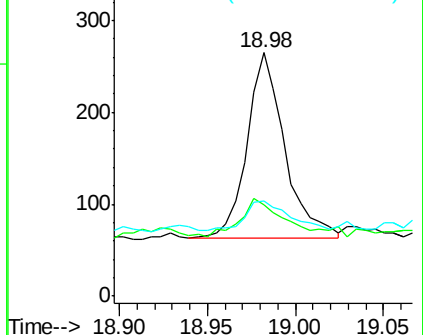
203 18.9 13.7 20.5



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: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

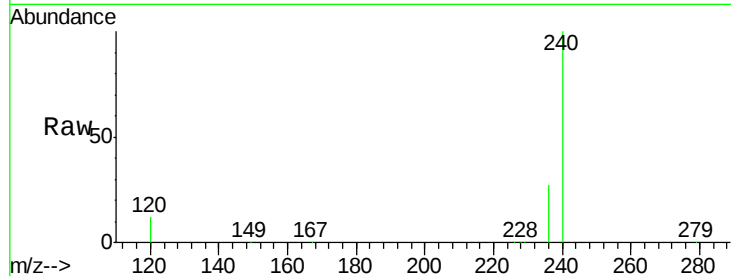
Tgt Ion:240 Resp: 136170

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

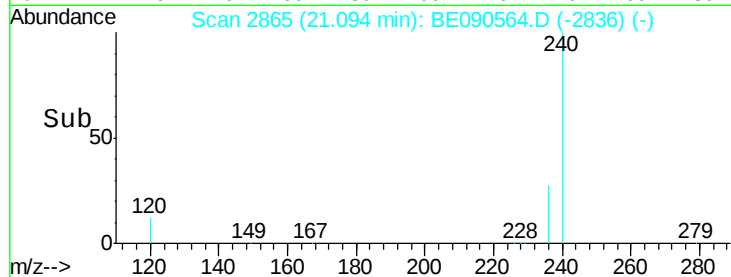
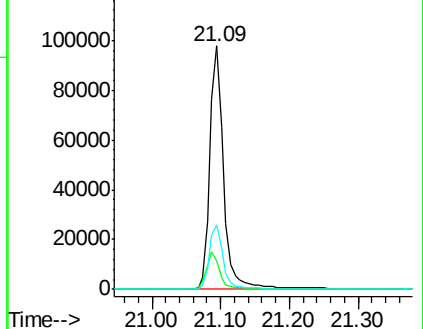
236 26.6 21.0 31.4



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# 2574

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

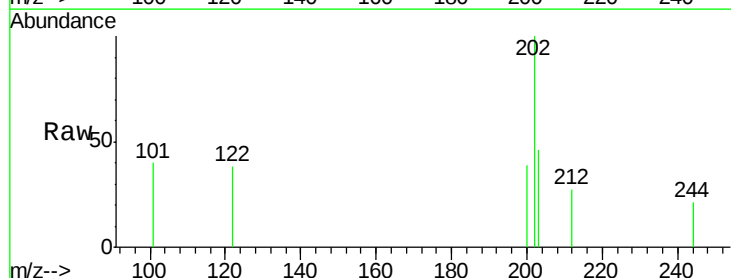
Tgt Ion:202 Resp: 337

Ion Ratio Lower Upper

202 100

200 22.6 16.7 25.1

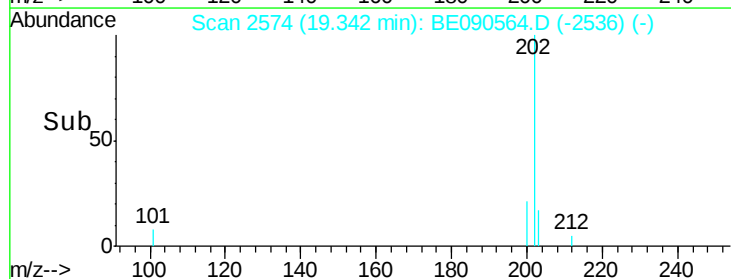
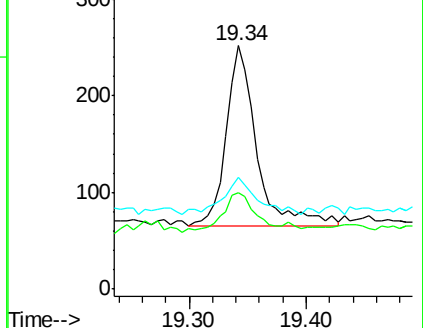
203 23.1 13.8 20.8#

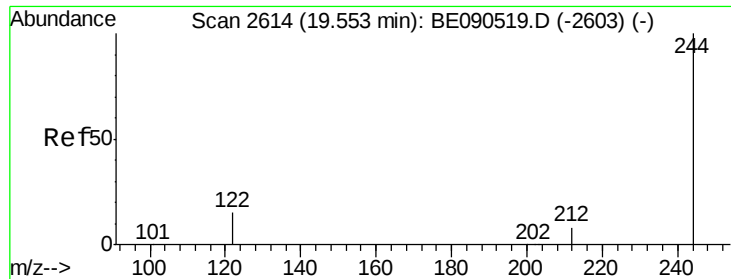


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

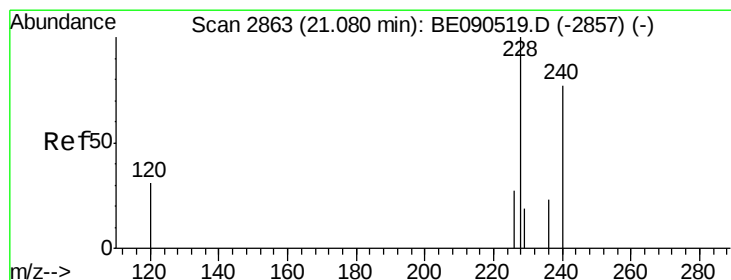
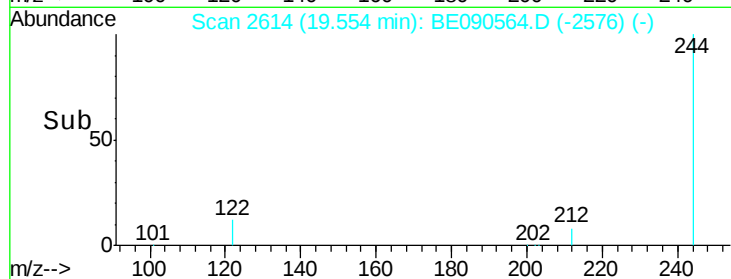
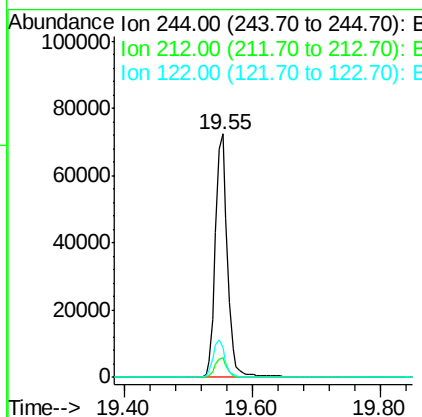
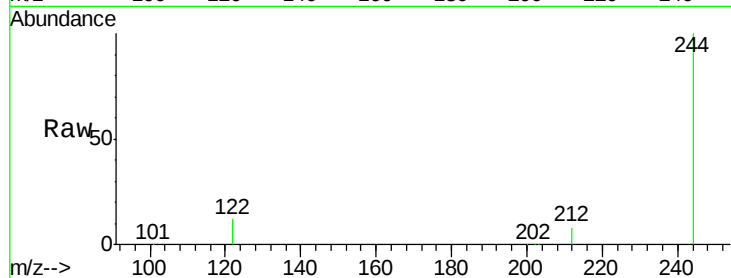




#27
 Terphenyl-d14
 Concen: 3.82 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090564.D
 Acq: 18 Aug 2015 21:17

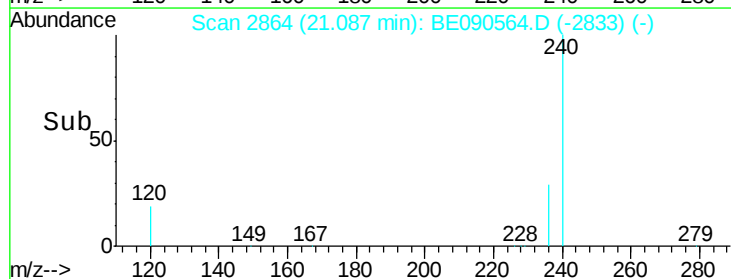
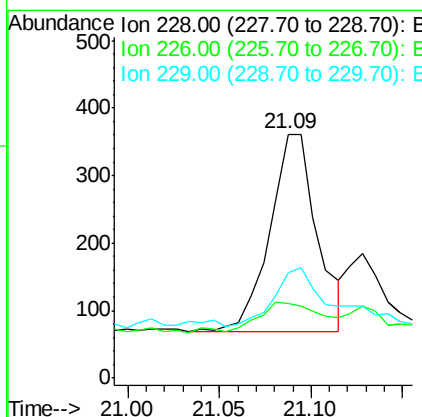
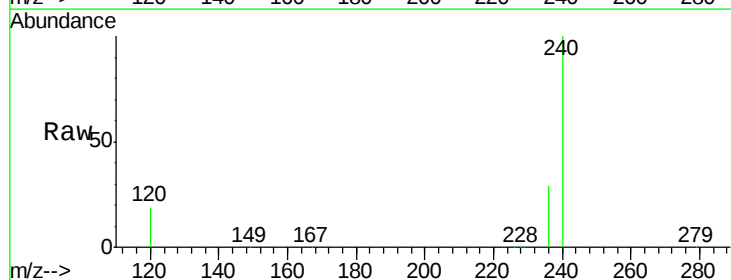
Instrument :
 BNA_E
 ClientSampleId :
 081715-D534-F-D-S

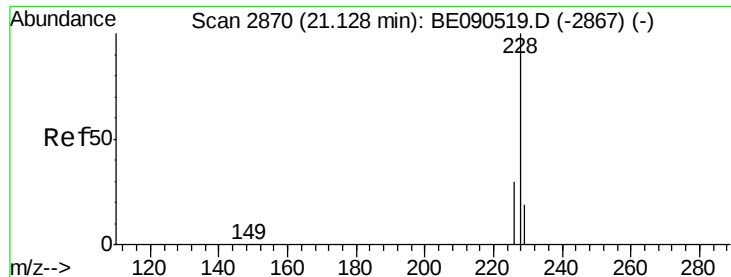
Tgt Ion:244 Resp: 95067
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 12.0 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.01 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. 0.01 min
 Lab File: BE090564.D
 Acq: 18 Aug 2015 21:17

Tgt Ion:228 Resp: 531
 Ion Ratio Lower Upper
 228 100
 226 30.7 21.9 32.9
 229 43.2 15.4 23.0#





#29

Chrysene

Concen: 0.00 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

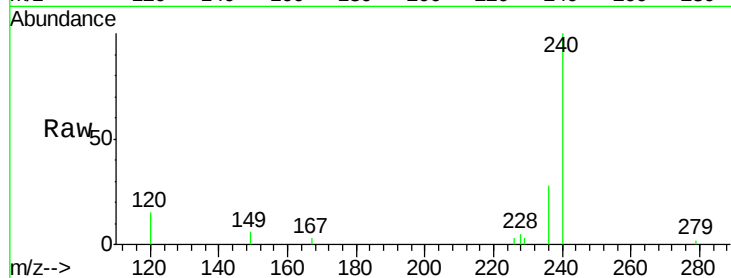
Tgt Ion:228 Resp: 138

Ion Ratio Lower Upper

228 100

226 58.2 23.1 34.7#

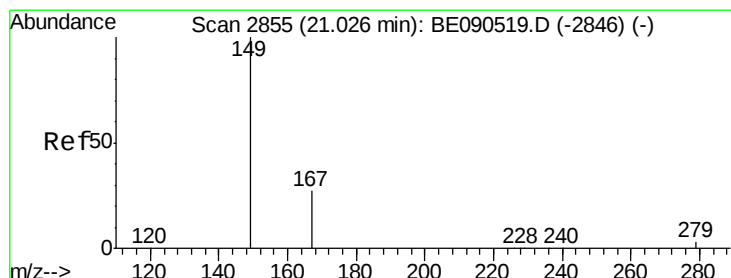
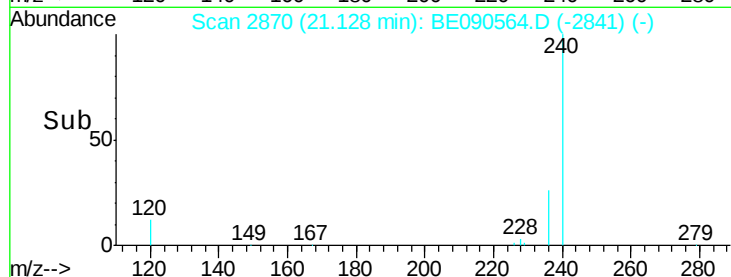
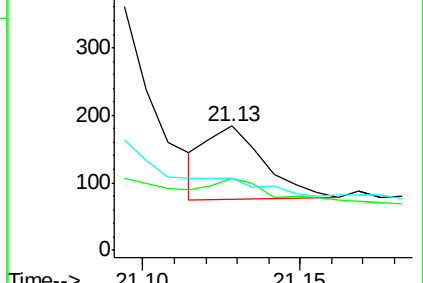
229 57.6 15.8 23.8#



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

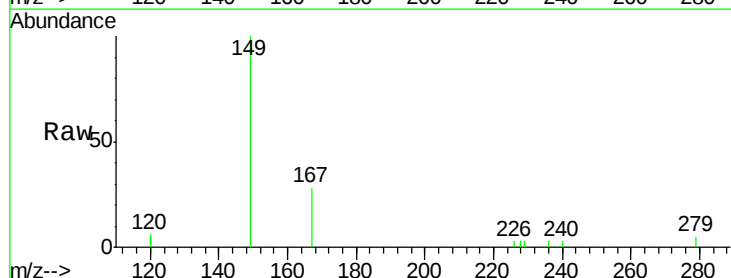
Tgt Ion:149 Resp: 2403

Ion Ratio Lower Upper

149 100

167 24.7 19.8 29.8

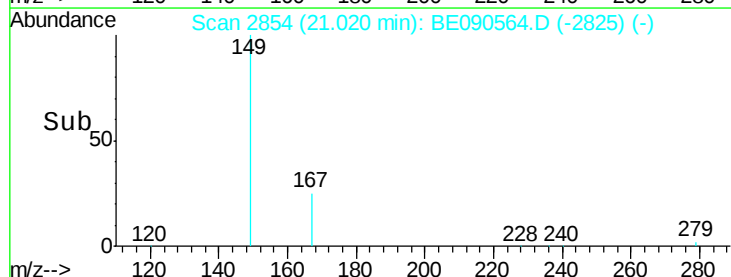
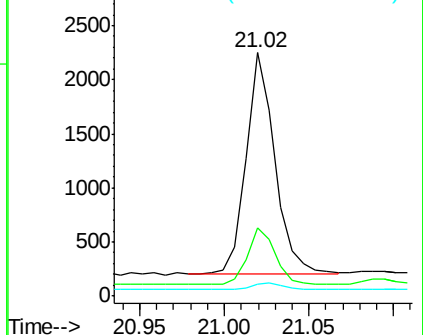
279 3.4 2.4 3.6



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





#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: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

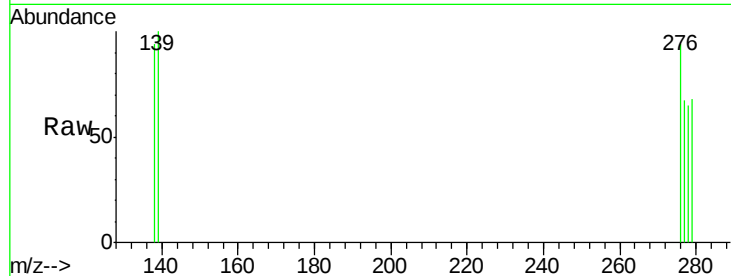
Tgt Ion:276 Resp: 154

Ion Ratio Lower Upper

276 100

138 1.9 18.8 28.2#

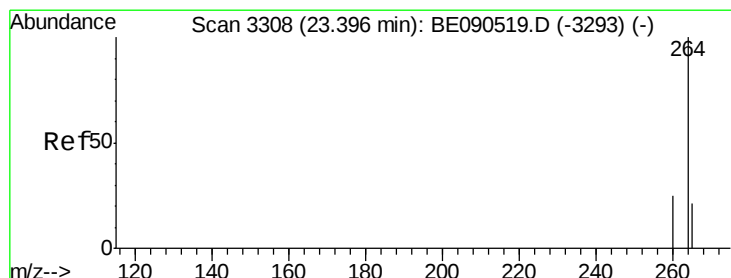
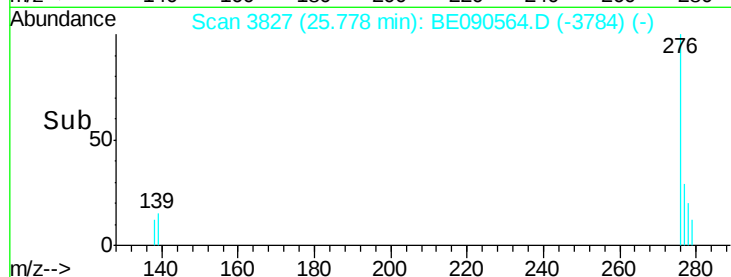
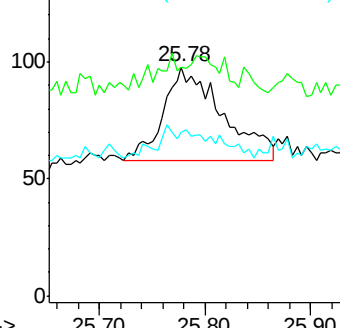
277 5.2 18.2 27.4#



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: BE090564.D

Acq: 18 Aug 2015 21:17

Tgt Ion:264 Resp: 124091

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

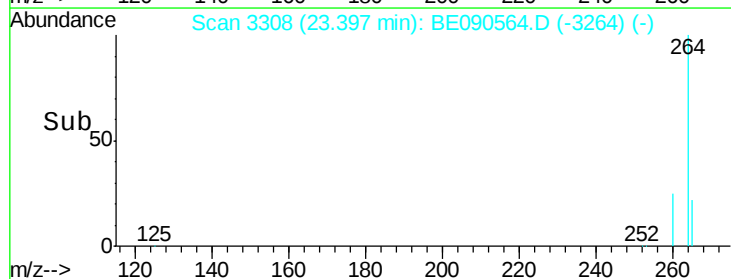
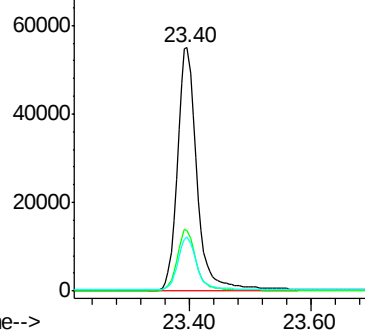
265 22.1 17.2 25.8

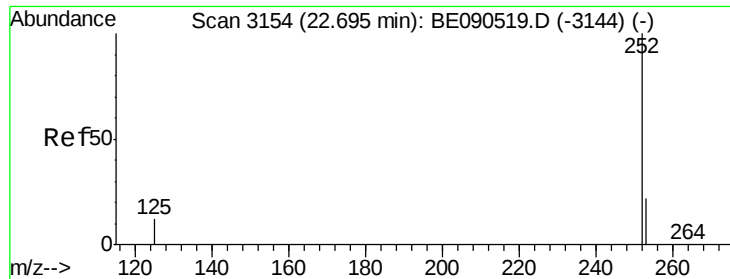


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 22.71 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

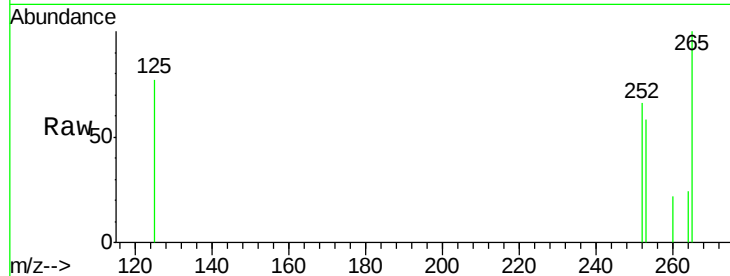
Tgt Ion:252 Resp: 135

Ion Ratio Lower Upper

252 100

253 88.2 18.1 27.1#

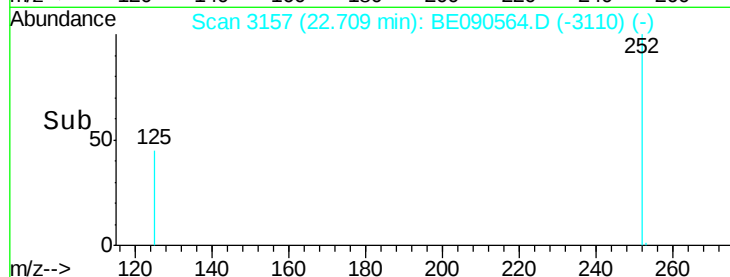
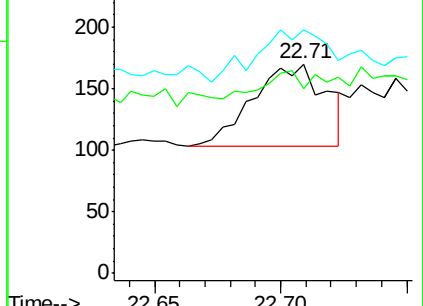
125 116.5 9.4 14.2#



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: 0.00 ng

RT: 22.71 min Scan# 3157

Delta R.T. -0.03 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

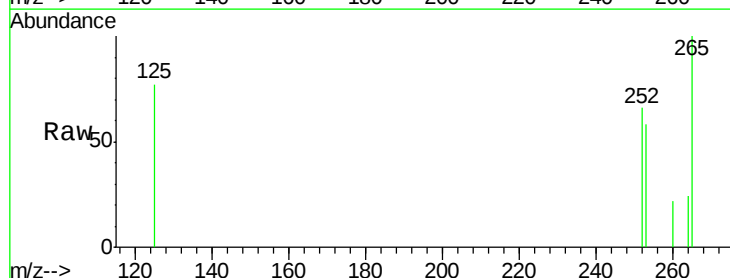
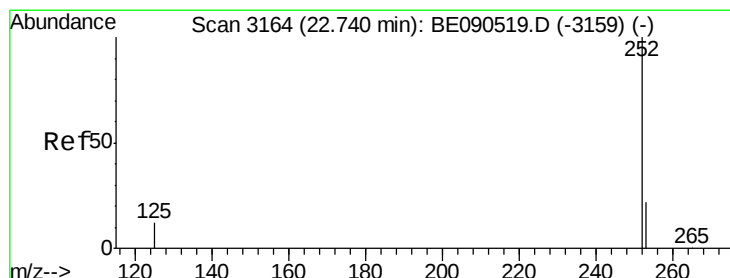
Tgt Ion:252 Resp: 135

Ion Ratio Lower Upper

252 100

253 88.2 18.1 27.1#

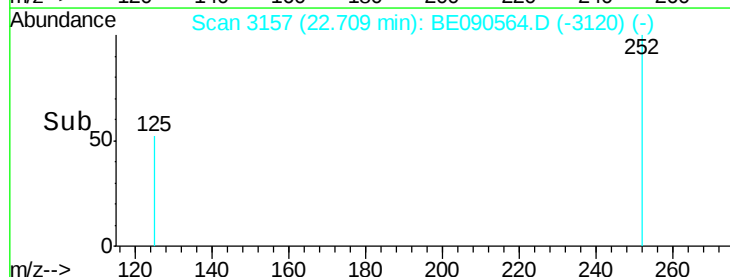
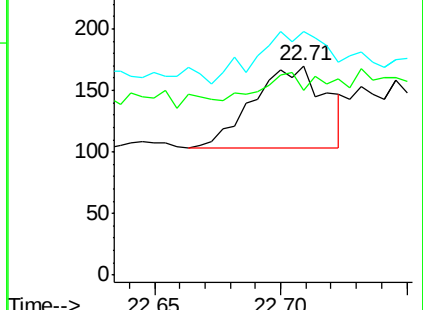
125 116.5 9.1 13.7#



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: 0.00 ng

RT: 23.29 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S

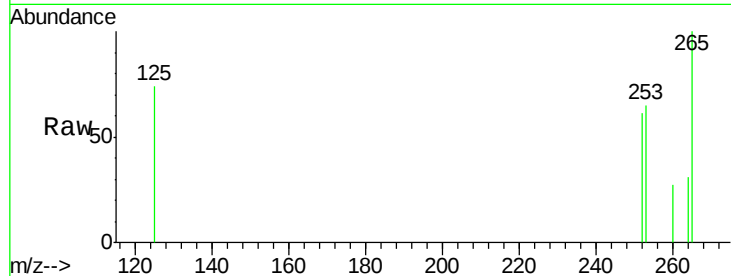
Tgt Ion:252 Resp: 123

Ion Ratio Lower Upper

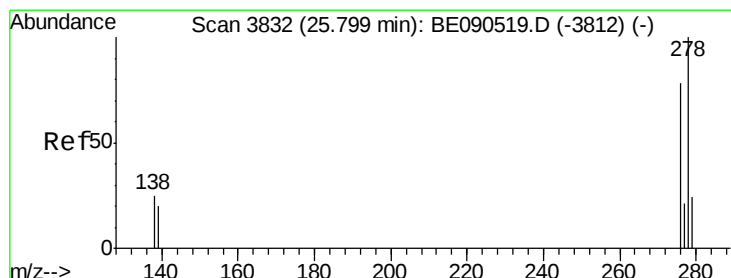
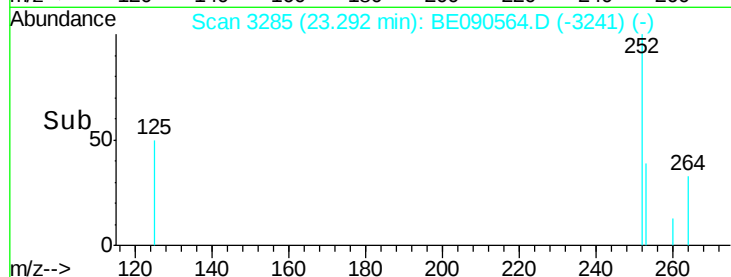
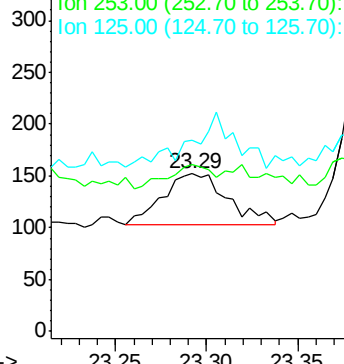
252 100

253 105.9 17.6 26.4#

125 121.1 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# 3831

Delta R.T. -0.00 min

Lab File: BE090564.D

Acq: 18 Aug 2015 21:17

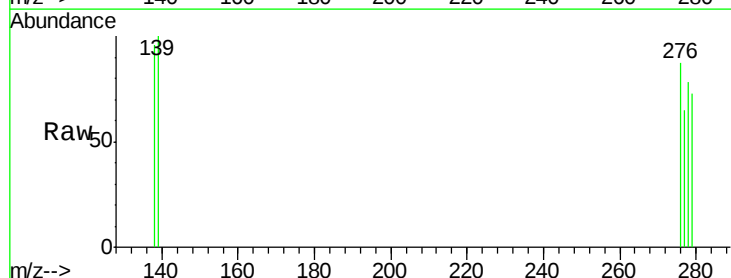
Tgt Ion:278 Resp: 127

Ion Ratio Lower Upper

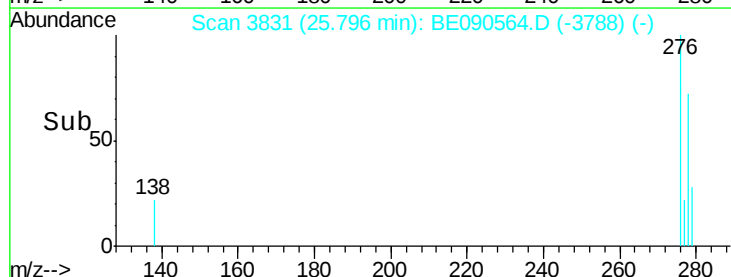
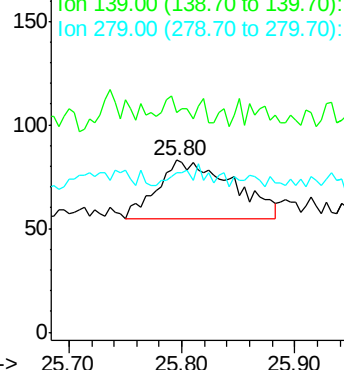
278 100

139 127.7 14.2 21.4#

279 92.8 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: 0.00 ng

RT: 26.51 min Scan# 3988

Delta R.T. 0.01 min

Lab File: BE090564.D

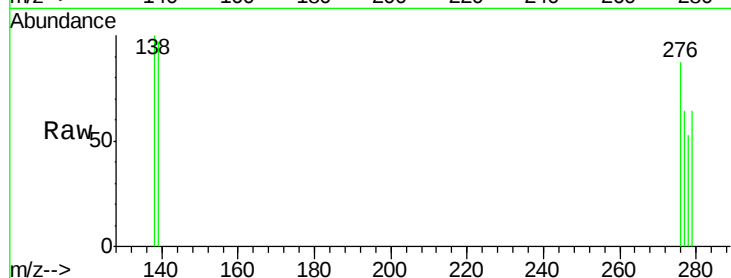
Acq: 18 Aug 2015 21:17

Instrument :

BNA_E

ClientSampleId :

081715-D534-F-D-S



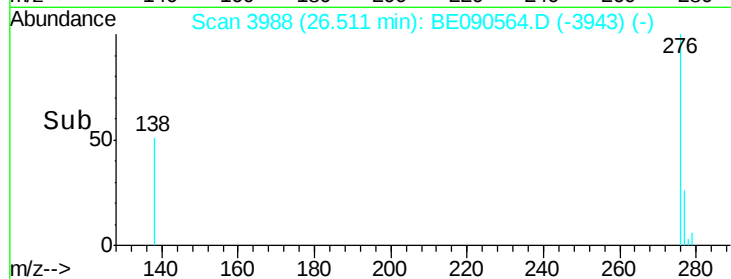
Tgt Ion: 276 Resp: 134

Ion Ratio Lower Upper

276 100

277 74.2 20.1 30.1#

138 115.1 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

