

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060816\
 Data File : BE091905.D
 Acq On : 8 Jun 2016 17:34
 Operator : UM/SJ
 Sample : H3359-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OM-SPN-001-160531RE

Quant Time: Jun 09 01:15:32 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 16:11:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	30476	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	136901	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	82921	5.00	ng	0.00
24) Phenanthrene-d10	17.12	188	254735	5.00	ng	0.00
31) Chrysene-d12	21.30	240	204285	5.00	ng	0.00
40) Perylene-d12	23.71	264	282812	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	25219	3.88	ng	0.00
5) Phenol-d6	6.94	99	35343	4.39	ng	-0.02
9) Nitrobenzene-d5	8.91	82	19542	1.92	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	9904	4.19	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	54679	2.17	ng	0.00
34) Terphenyl-d14	19.74	244	104871	3.16	ng	0.00

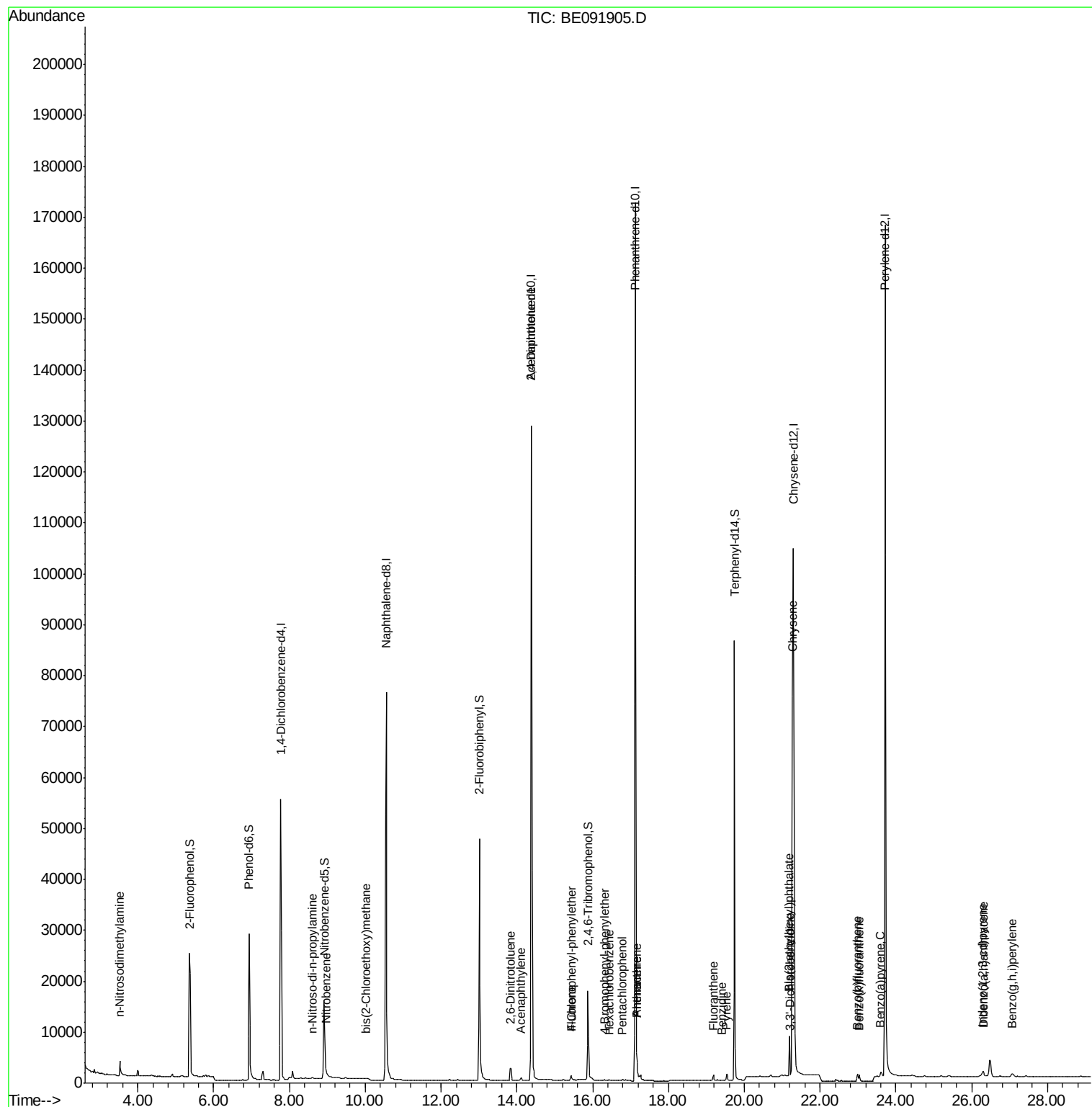
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.52	42	825	0.16	ng	# 1
7) n-Nitroso-di-n-propylamine	8.62	70	228	0.03	ng	# 19
10) Nitrobenzene	8.96	77	180	0.07	ng	# 66
11) bis(2-Chloroethoxy)methane	10.00	93	804	0.06	ng	# 1
18) Acenaphthylene	14.11	152	1306	0.03	ng	# 35
19) 2,6-Dinitrotoluene	13.84	165	1813	0.45	ng	# 4
21) 2,4-Dinitrotoluene	14.38	165	10765	1.79	ng	# 1
22) Fluorene	15.44	166	577	0.02	ng	# 96
23) 4-Chlorophenyl-phenylether	15.44	204	288	0.02	ng	94
25) 4-Bromophenyl-phenylether	16.31	248	185	0.02	ng	92
26) Hexachlorobenzene	16.44	284	195	0.02	ng	# 87
27) Pentachlorophenol	16.78	266	221	0.11	ng	# 88
28) Phenanthrene	17.17	178	1607	0.03	ng	95
29) Anthracene	17.17	178	1567	0.03	ng	98
30) Fluoranthene	19.19	202	1631	0.03	ng	97
32) Benzidine	19.40	184	166	0.11	ng	# 1
33) Pyrene	19.53	202	1765	0.03	ng	99
35) Benzo(a)anthracene	21.27	228	17920	Below Cal		# 86
36) 3,3'-Dichlorobenzidine	21.21	252	192	0.11	ng	# 86
37) Chrysene	21.27	228	17984	0.09	ng	# 76
38) Bis(2-ethylhexyl)phthalate	21.19	149	10240	0.39	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.29	276	1840	0.07	ng	# 76
41) Benzo(b)fluoranthene	22.98	252	2060	0.03	ng	# 73
42) Benzo(k)fluoranthene	23.03	252	1995	0.03	ng	# 74
43) Benzo(a)pyrene	23.59	252	1704	0.03	ng	# 51
44) Dibenzo(a,h)anthracene	26.31	278	1436	0.02	ng	# 70
45) Benzo(g,h,i)perylene	27.07	276	1657	0.03	ng	# 81

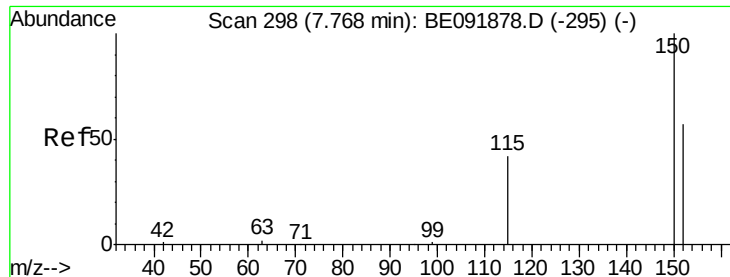
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 298

Delta R.T. -0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE

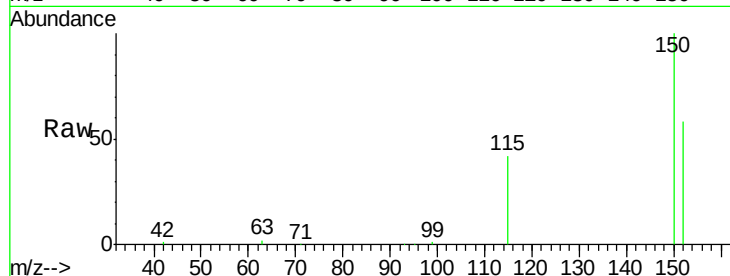
Tgt Ion:152 Resp: 30476

Ion Ratio Lower Upper

152 100

150 173.5 123.9 185.9

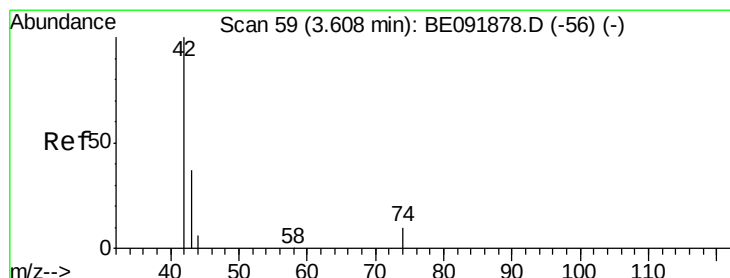
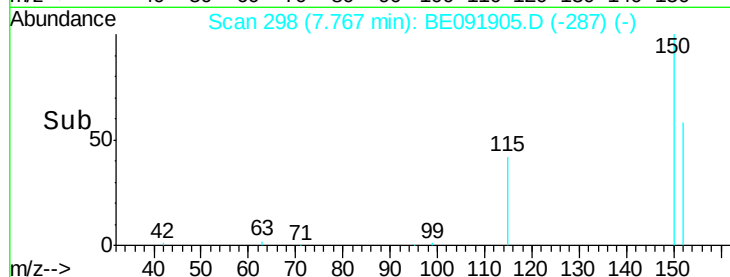
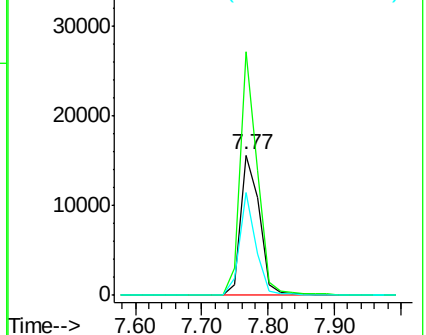
115 73.4 48.3 72.5#



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



#3

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 3.52 min Scan# 54

Delta R.T. -0.08 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

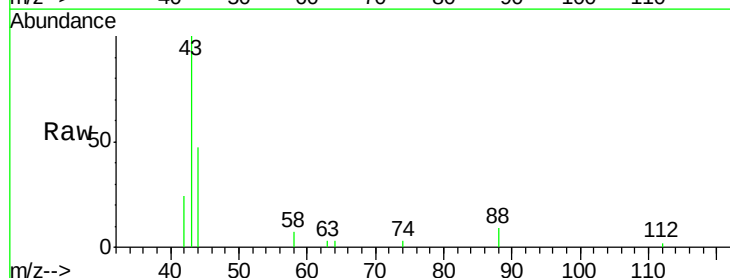
Tgt Ion: 42 Resp: 825

Ion Ratio Lower Upper

42 100

74 1.3 93.4 140.0#

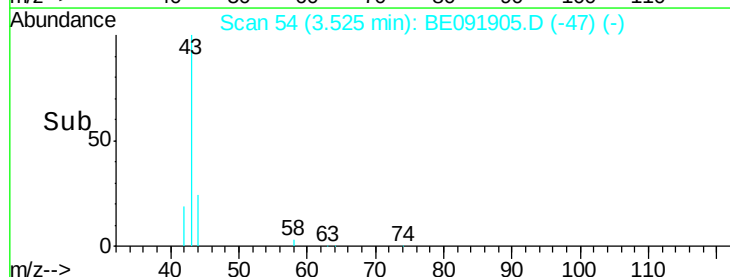
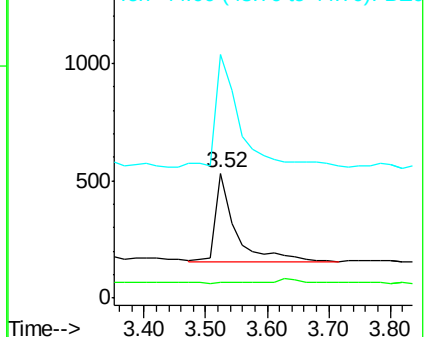
44 160.0 5.0 7.6#

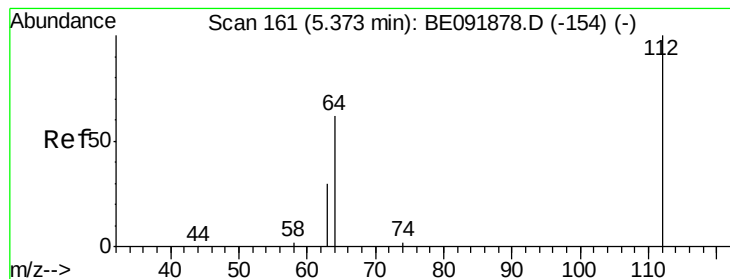


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 3.88 ng

RT: 5.38 min Scan# 161

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

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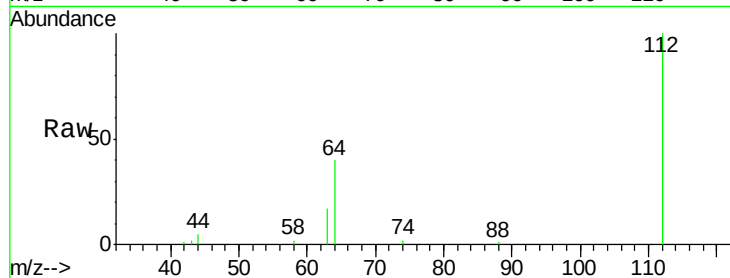
Tgt Ion: 112 Resp: 25219

Ion Ratio Lower Upper

112 100

64 67.7 53.7 80.5

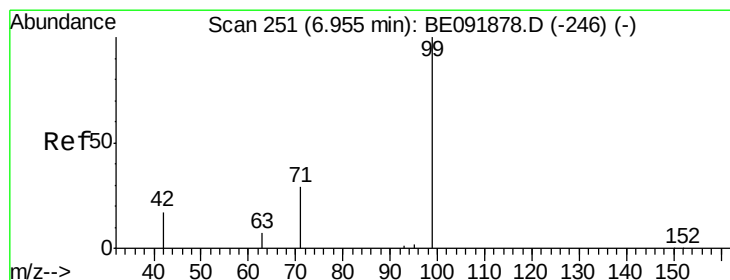
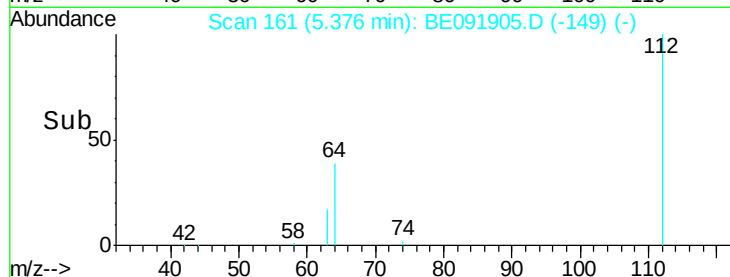
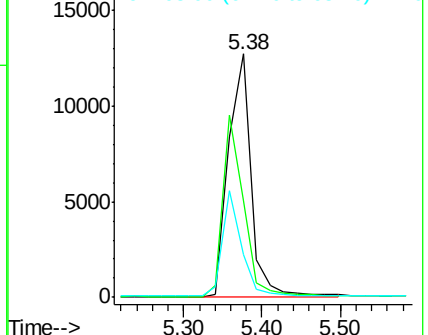
63 36.3 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 4.39 ng

RT: 6.94 min Scan# 250

Delta R.T. -0.02 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

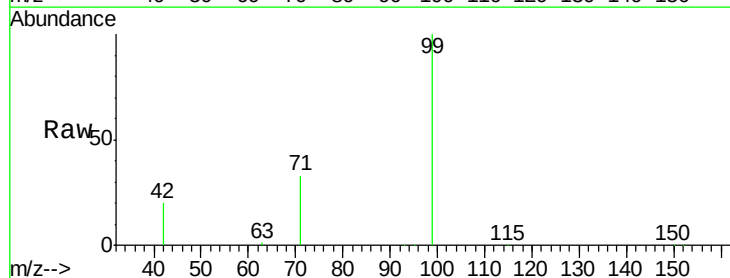
Tgt Ion: 99 Resp: 35343

Ion Ratio Lower Upper

99 100

42 24.4 19.6 29.4

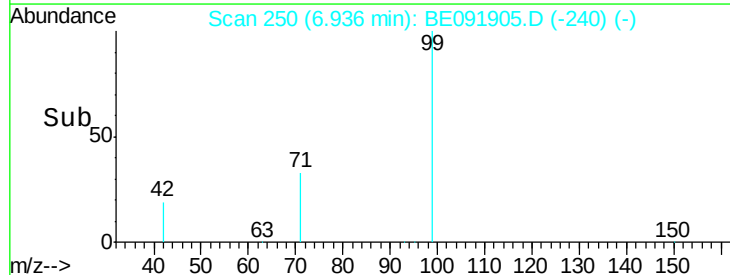
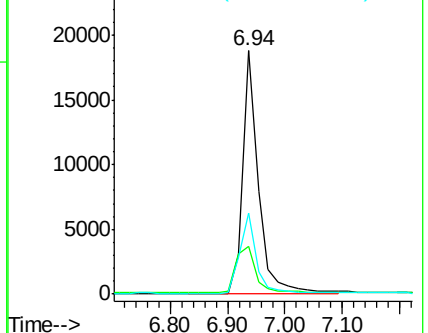
71 35.0 28.1 42.1

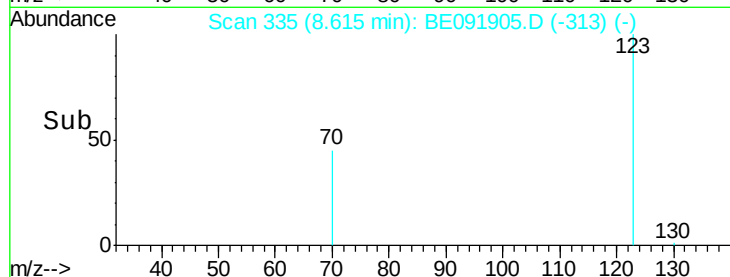
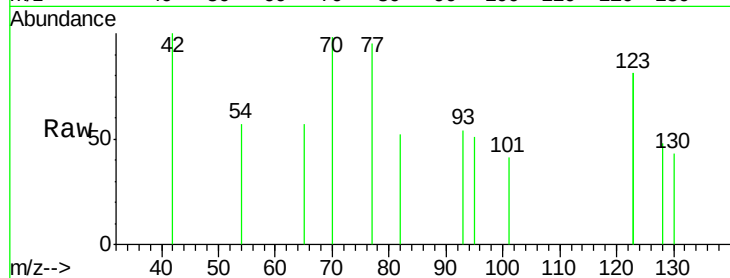
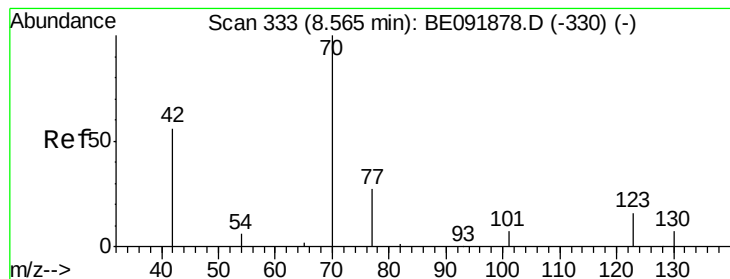


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.03 ng

RT: 8.62 min Scan# 335

Delta R.T. 0.05 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE

Tgt Ion: 70 Resp: 228

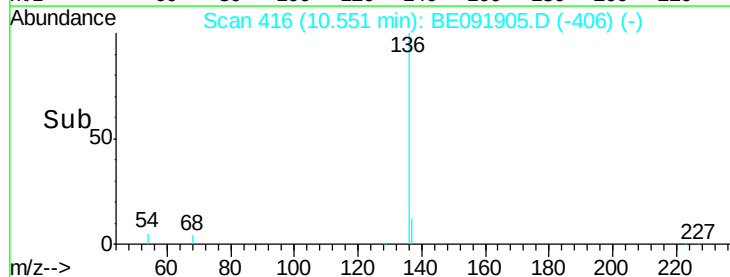
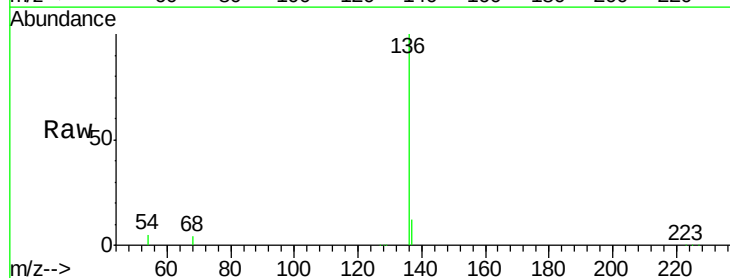
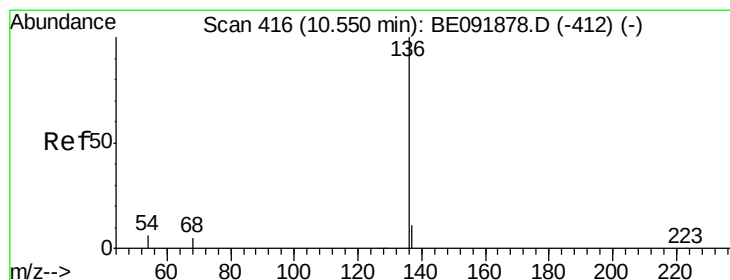
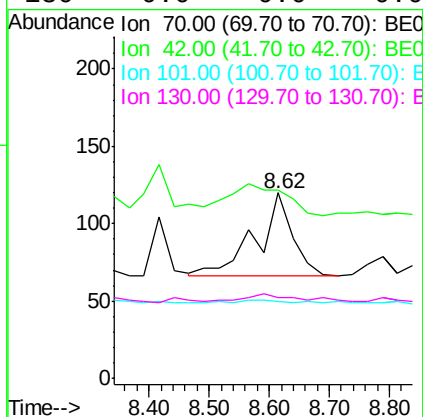
Ion Ratio Lower Upper

70 100

42 0.0 58.4 87.6#

101 0.0 6.4 9.6#

130 0.0 0.0 0.0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 416

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Tgt Ion: 136 Resp: 136901

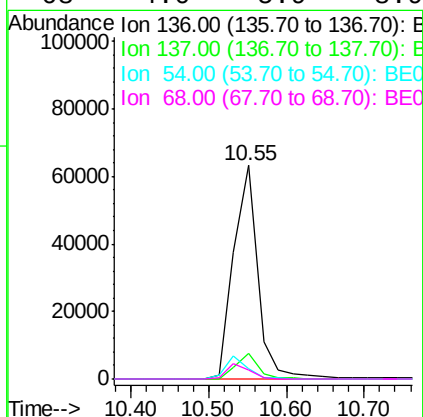
Ion Ratio Lower Upper

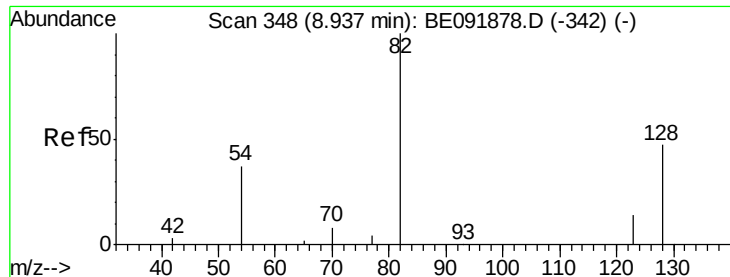
136 100

137 11.7 8.3 12.5

54 5.0 8.2 12.4#

68 4.0 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 1.92 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE

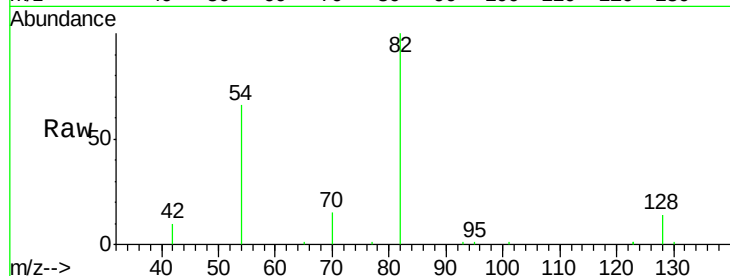
Tgt Ion: 82 Resp: 19542

Ion Ratio Lower Upper

82 100

128 14.1 39.5 59.3#

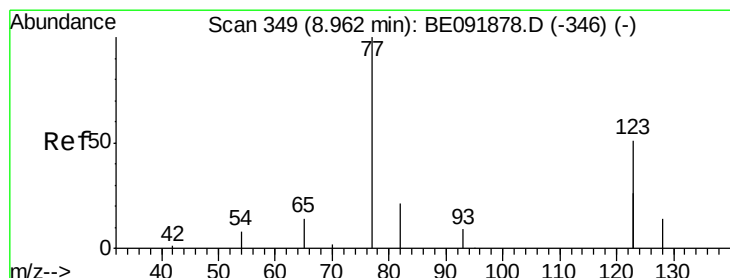
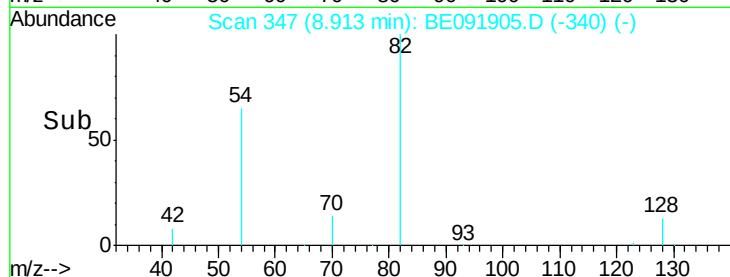
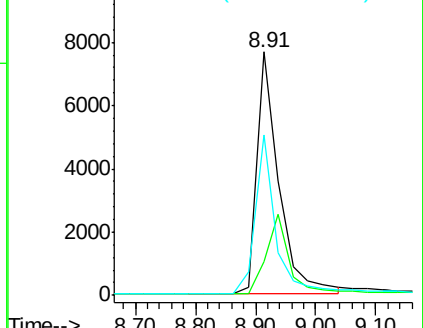
54 65.6 30.3 45.5#



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



#10

Nitrobenzene

Concen: 0.07 ng

RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

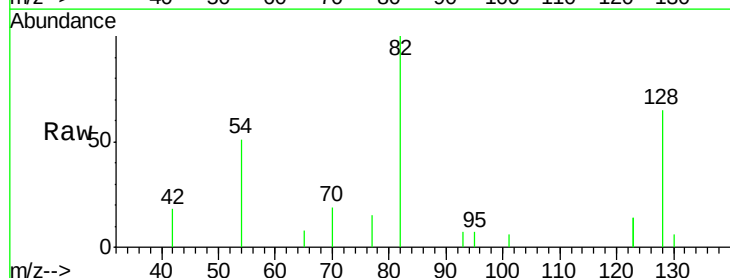
Tgt Ion: 77 Resp: 180

Ion Ratio Lower Upper

77 100

123 109.4 0.0 0.0#

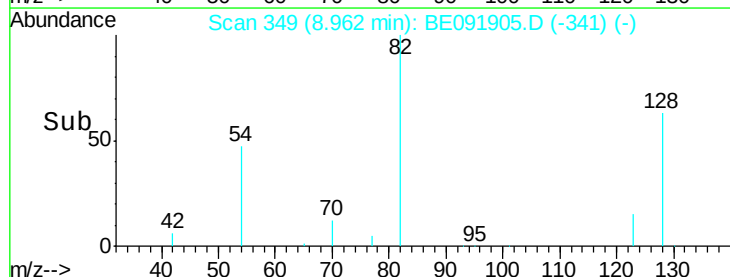
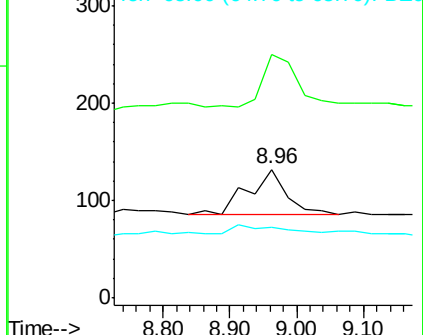
65 0.0 11.1 16.7#

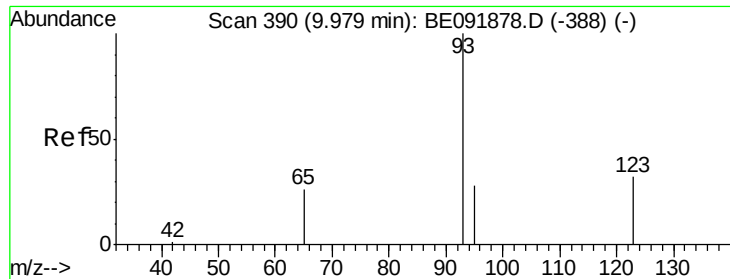


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

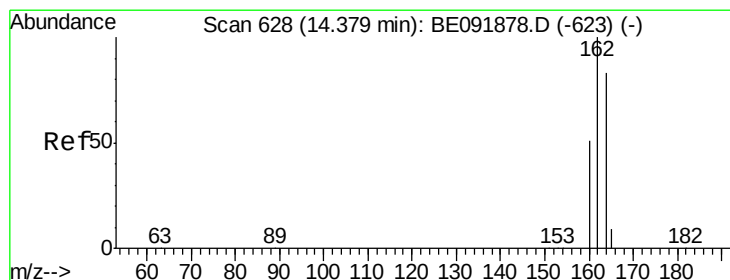
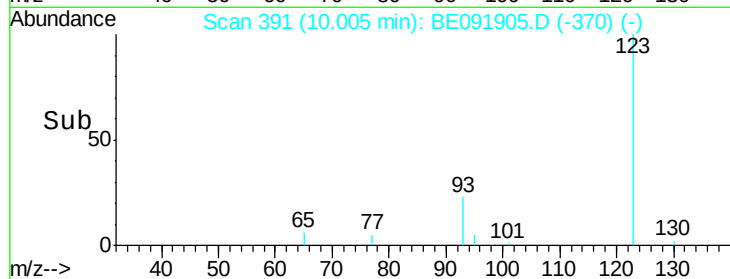
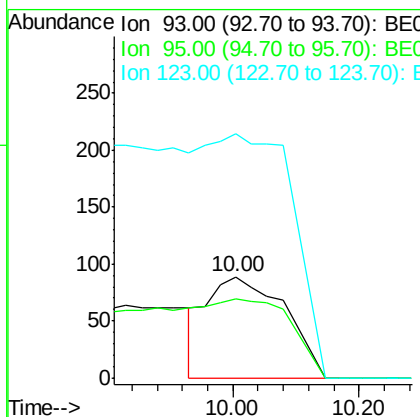
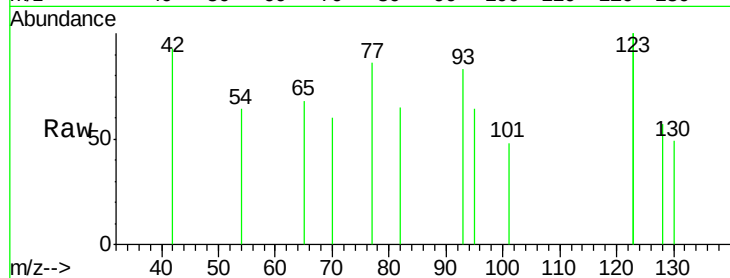




#11
bis(2-Chloroethoxy)methane
Concen: 0.06 ng
RT: 10.00 min Scan# 391
Delta R.T. 0.03 min
Lab File: BE091905.D
Acq: 8 Jun 2016 17:34

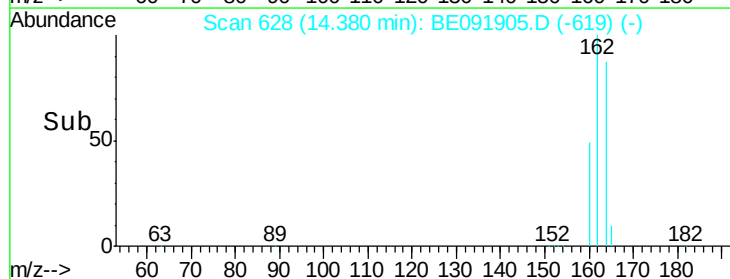
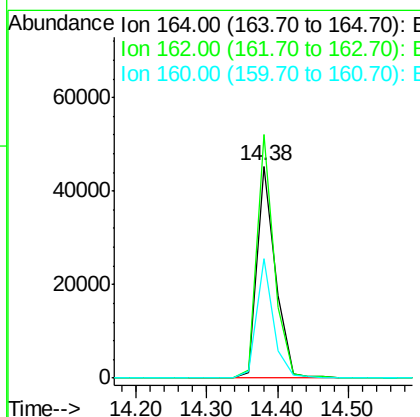
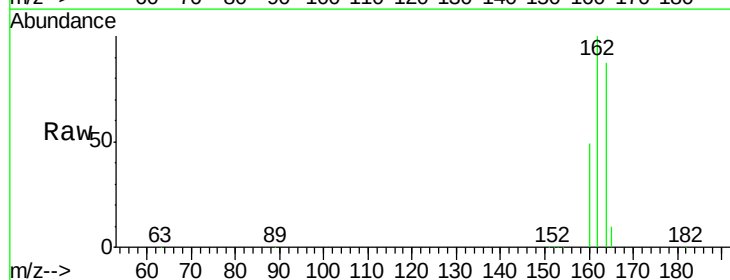
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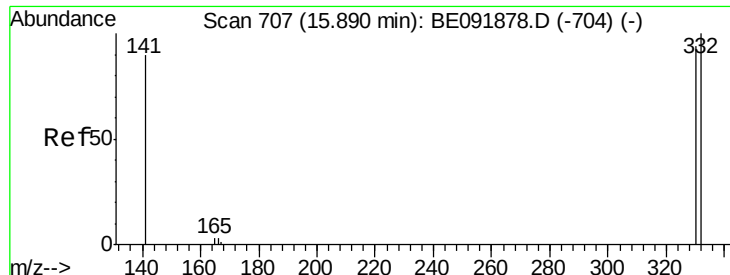
Tgt Ion: 93 Resp: 804
Ion Ratio Lower Upper
93 100
95 0.0 57.6 86.4#
123 0.0 100.2 150.4#



#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE091905.D
Acq: 8 Jun 2016 17:34

Tgt Ion: 164 Resp: 82921
Ion Ratio Lower Upper
164 100
162 115.0 71.8 107.8#
160 56.5 28.0 42.0#

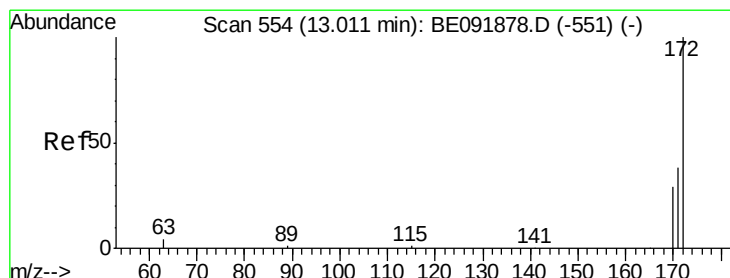
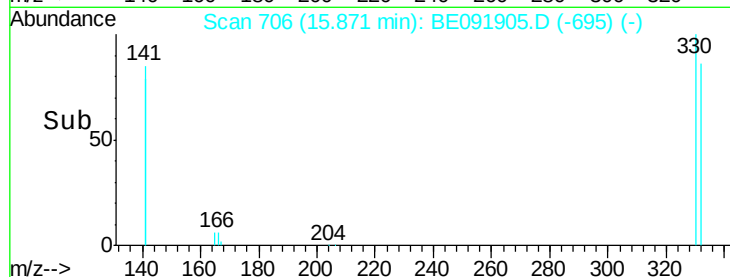
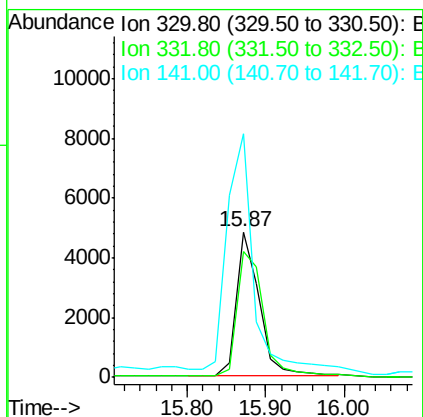
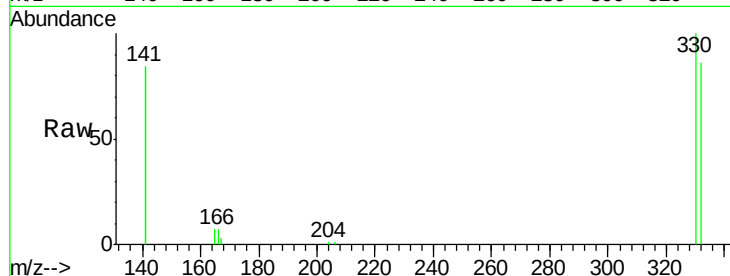




#16
 2,4,6-Tribromophenol
 Concen: 4.19 ng
 RT: 15.87 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BE091905.D
 Acq: 8 Jun 2016 17:34

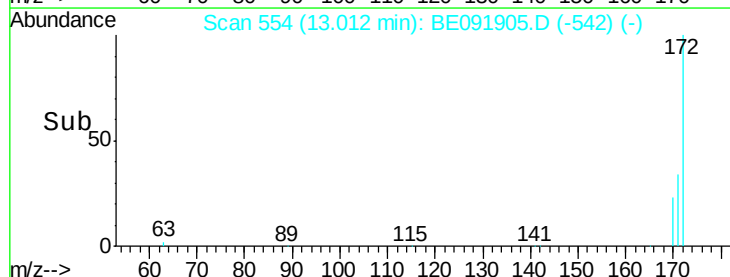
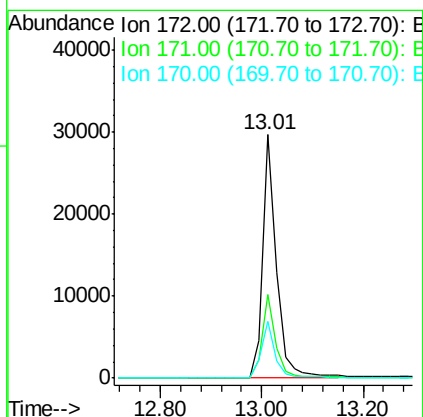
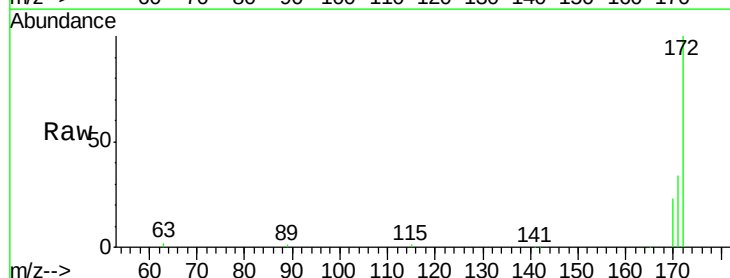
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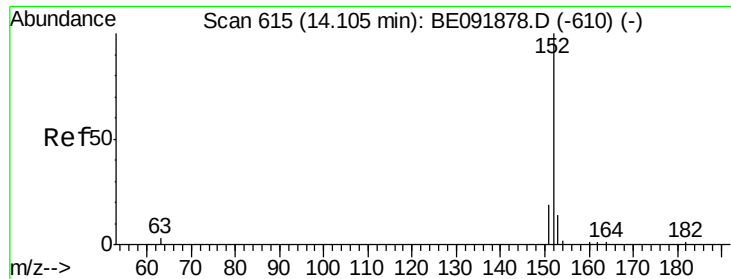
Tgt Ion:330 Resp: 9904
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 176.7 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 2.17 ng
 RT: 13.01 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BE091905.D
 Acq: 8 Jun 2016 17:34

Tgt Ion:172 Resp: 54679
 Ion Ratio Lower Upper
 172 100
 171 34.3 24.3 36.5
 170 23.4 14.9 22.3#





#18

Acenaphthylene

Concen: 0.03 ng

RT: 14.11 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE

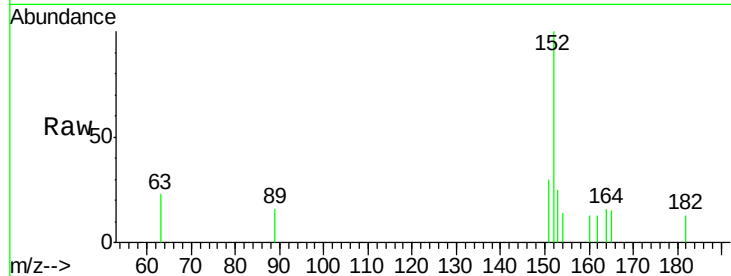
Tgt Ion:152 Resp: 1306

Ion Ratio Lower Upper

152 100

151 54.1 19.4 29.2#

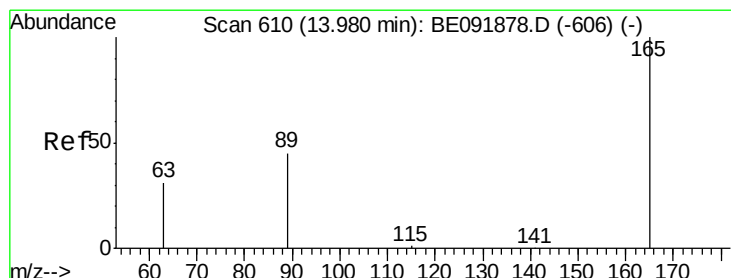
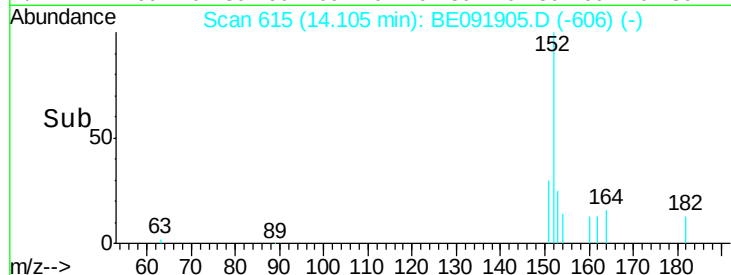
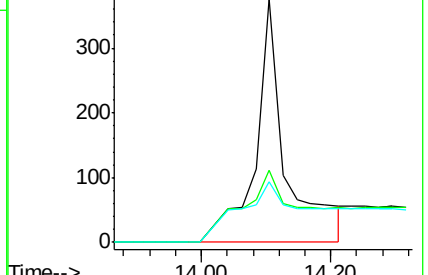
153 50.2 14.4 21.6#



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



#19

2,6-Dinitrotoluene

Concen: 0.45 ng

RT: 13.84 min Scan# 602

Delta R.T. -0.14 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

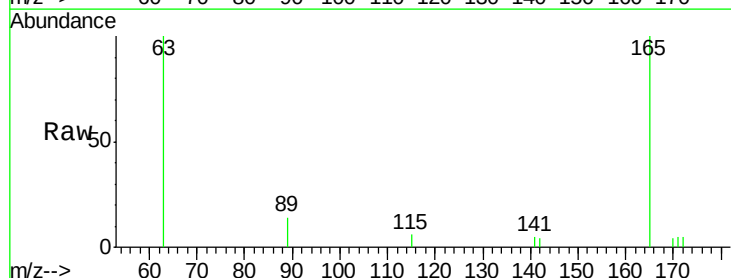
Tgt Ion:165 Resp: 1813

Ion Ratio Lower Upper

165 100

63 190.8 65.9 98.9#

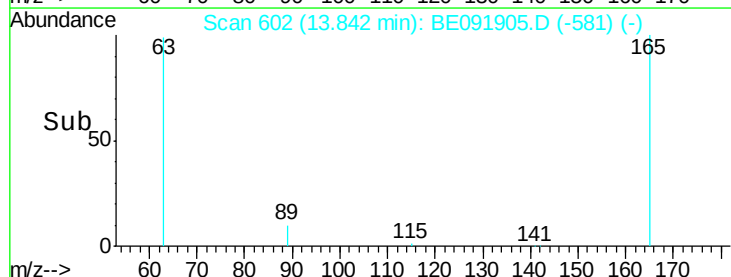
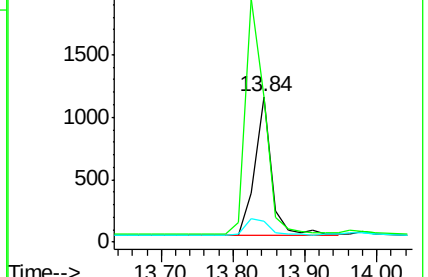
89 15.8 59.1 88.7#

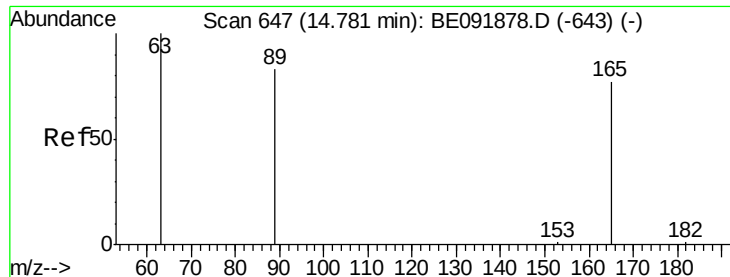


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

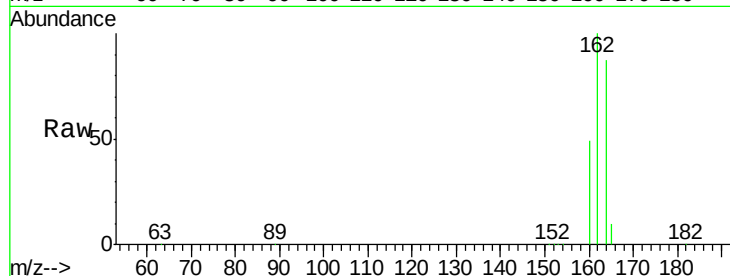




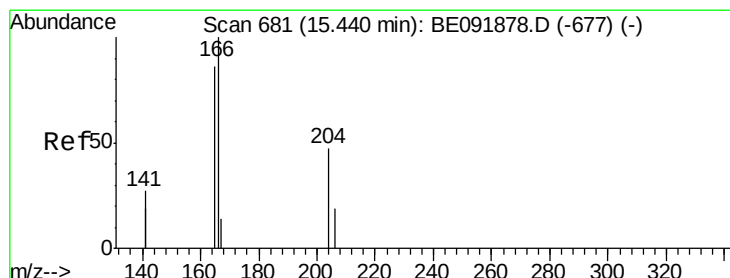
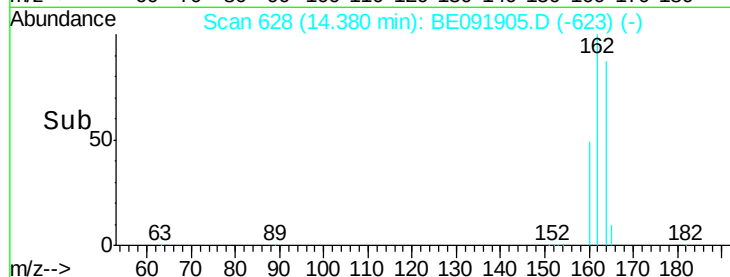
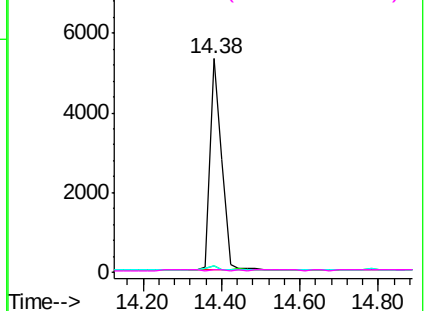
#21
2,4-Dinitrotoluene
Concen: 1.79 ng
RT: 14.38 min Scan# 628
Delta R.T. -0.40 min
Lab File: BE091905.D
Acq: 8 Jun 2016 17:34

Instrument :
BNA_E
ClientSampleId :
OM-SPN-001-160531RE

Tgt Ion:165 Resp: 10765
Ion Ratio Lower Upper
165 100
63 2.2 0.0 0.0#
89 2.1 99.8 149.8#
182 0.0 0.0 0.0

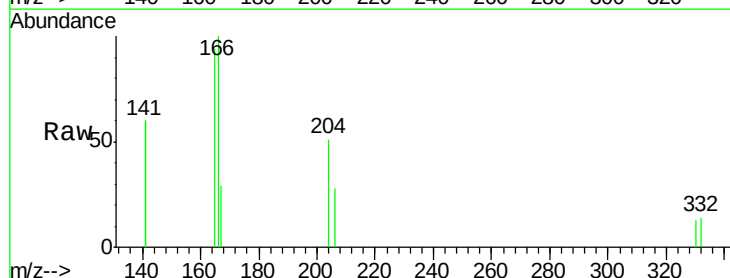


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

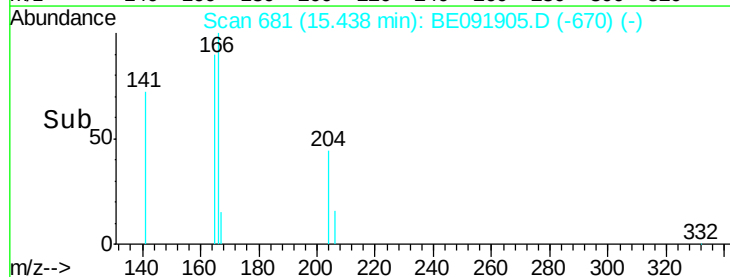
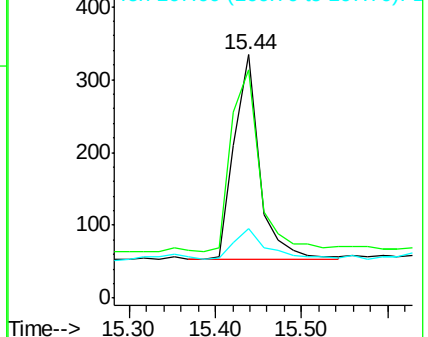


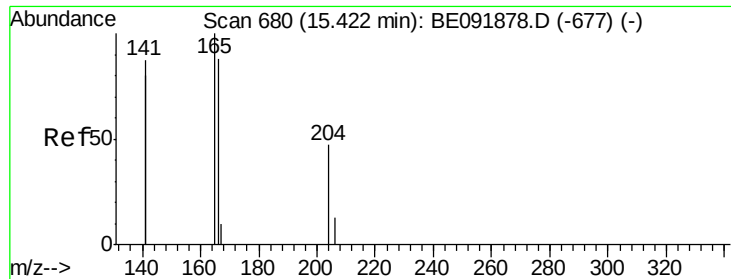
#22
Fluorene
Concen: 0.02 ng
RT: 15.44 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE091905.D
Acq: 8 Jun 2016 17:34

Tgt Ion:166 Resp: 577
Ion Ratio Lower Upper
166 100
165 101.0 78.6 117.8
167 19.1 10.8 16.2#



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

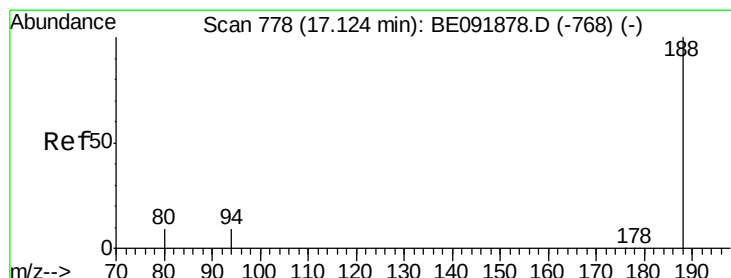
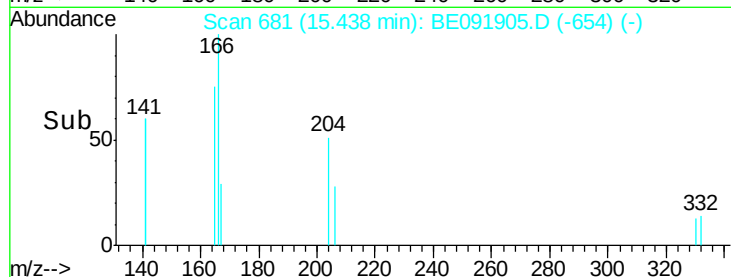
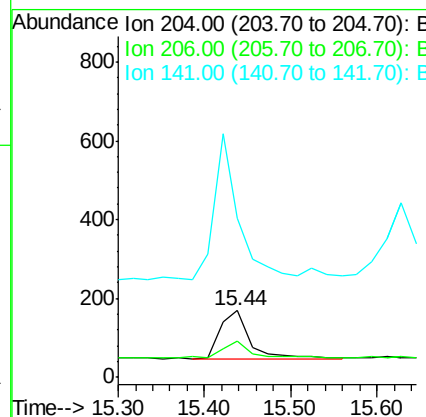
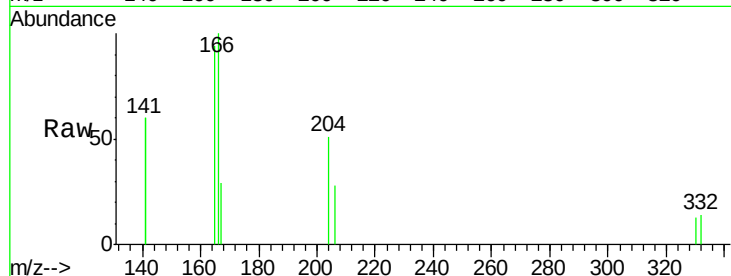




#23
4-Chlorophenyl-phenylether
Concen: 0.02 ng
RT: 15.44 min Scan# 681
Delta R.T. 0.02 min
Lab File: BE091905.D
Acq: 8 Jun 2016 17:34

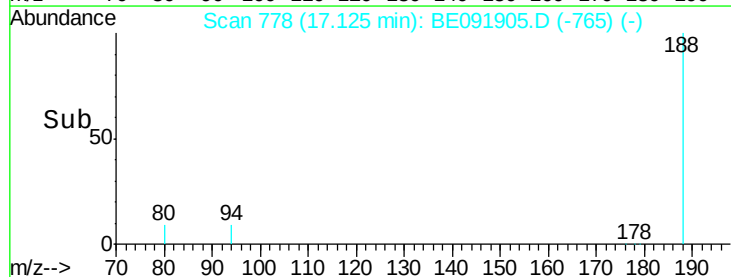
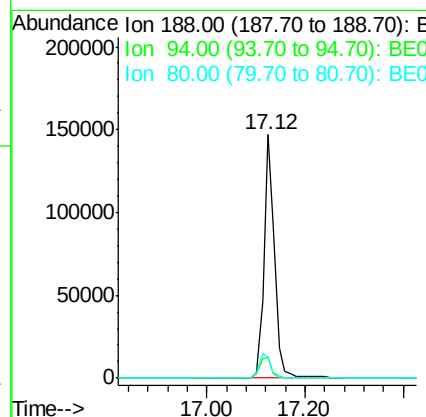
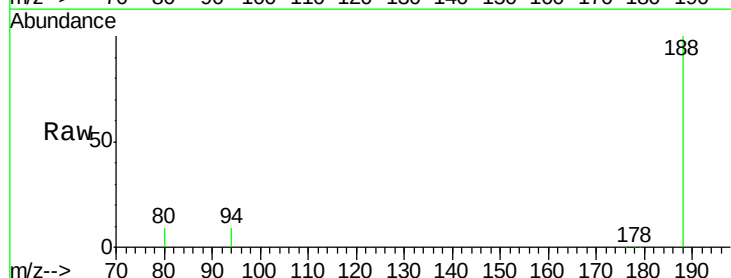
Instrument :
BNA_E
ClientSampleId :
OM-SPN-001-160531RE

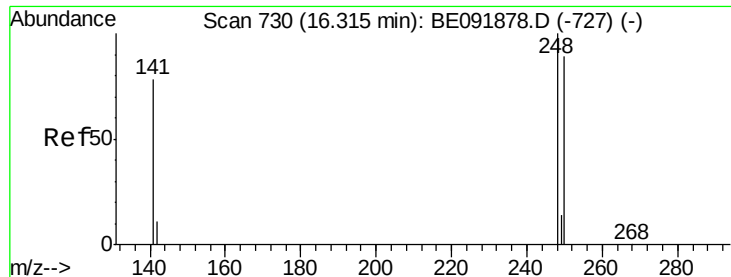
Tgt Ion: 204 Resp: 288
Ion Ratio Lower Upper
204 100
206 31.3 27.8 41.6
141 257.3 197.6 296.4



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE091905.D
Acq: 8 Jun 2016 17:34

Tgt Ion: 188 Resp: 254735
Ion Ratio Lower Upper
188 100
94 8.8 4.1 6.1#
80 8.5 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 0.02 ng

RT: 16.31 min Scan# 730

Delta R.T. -0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE

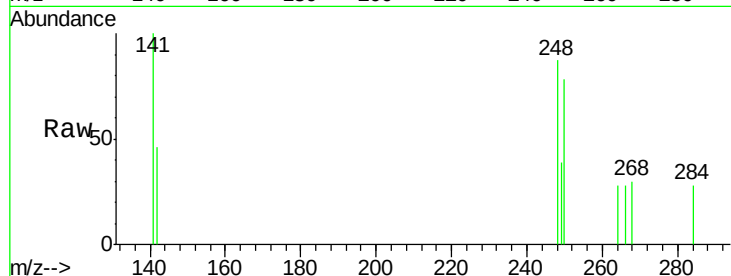
Tgt Ion:248 Resp: 185

Ion Ratio Lower Upper

248 100

250 91.4 75.7 113.5

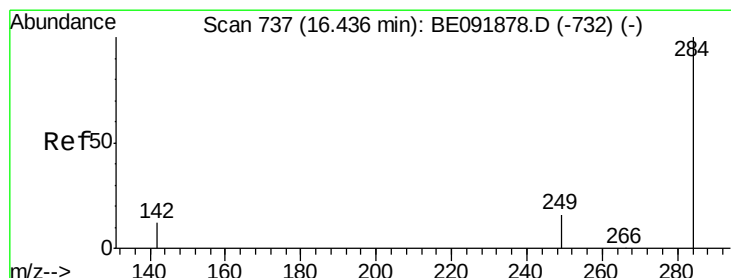
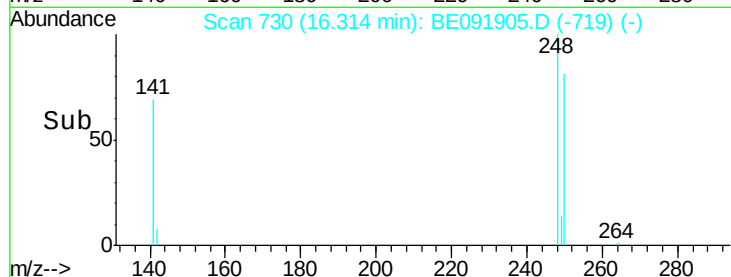
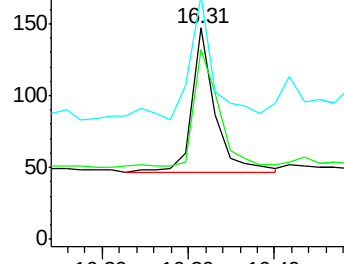
141 92.4 64.6 97.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#26

Hexachlorobenzene

Concen: 0.02 ng

RT: 16.44 min Scan# 737

Delta R.T. -0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

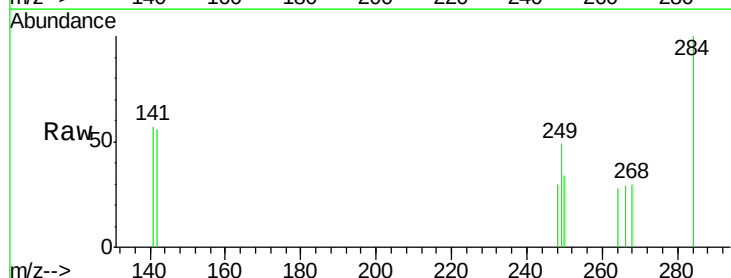
Tgt Ion:284 Resp: 195

Ion Ratio Lower Upper

284 100

142 46.7 31.4 47.2

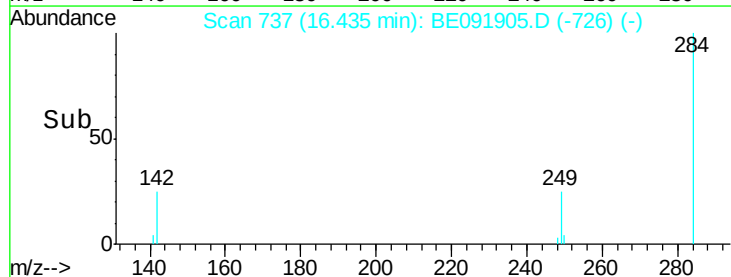
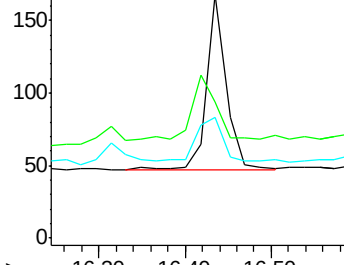
249 39.5 25.3 37.9#

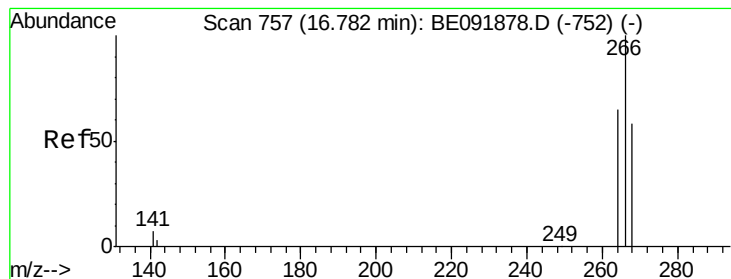


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.11 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE

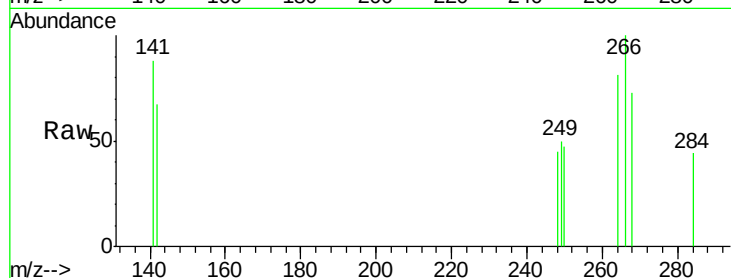
Tgt Ion:266 Resp: 221

Ion Ratio Lower Upper

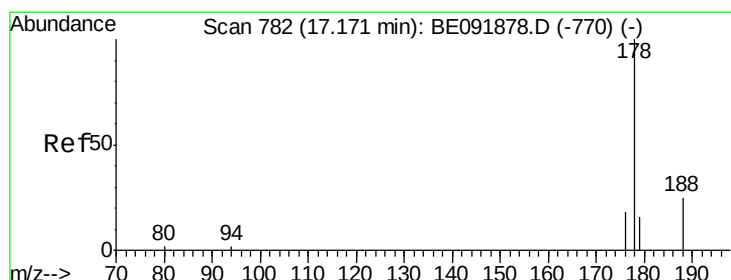
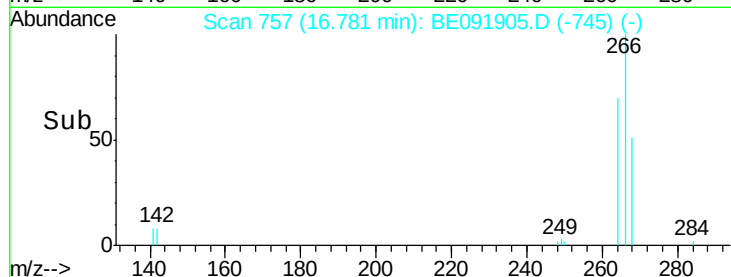
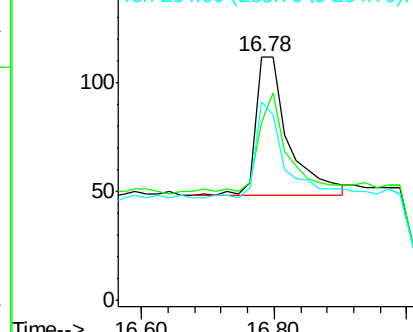
266 100

268 73.2 60.5 90.7

264 81.3 51.0 76.4#



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



#28

Phenanthrene

Concen: 0.03 ng

RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

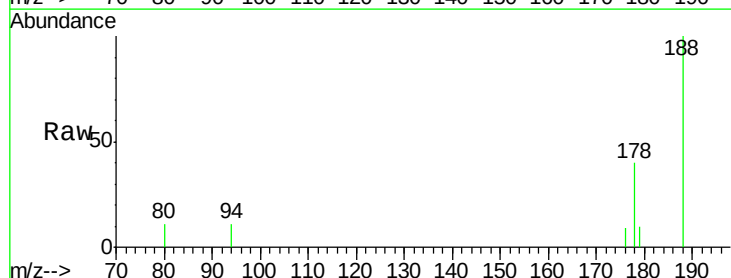
Tgt Ion:178 Resp: 1607

Ion Ratio Lower Upper

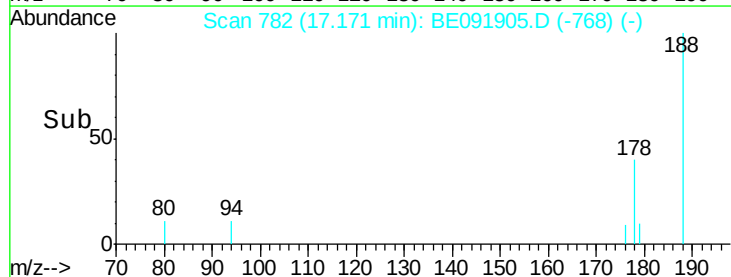
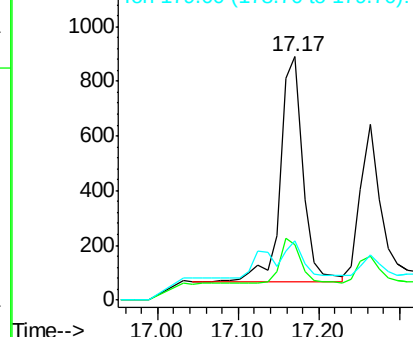
178 100

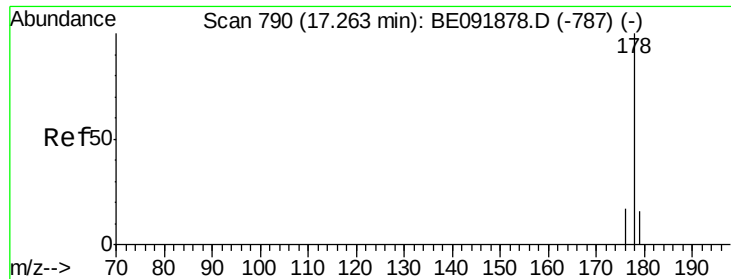
176 18.2 15.4 23.2

179 13.1 12.9 19.3



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





#29

Anthracene

Concen: 0.03 ng

RT: 17.17 min Scan# 782

Delta R.T. -0.09 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE

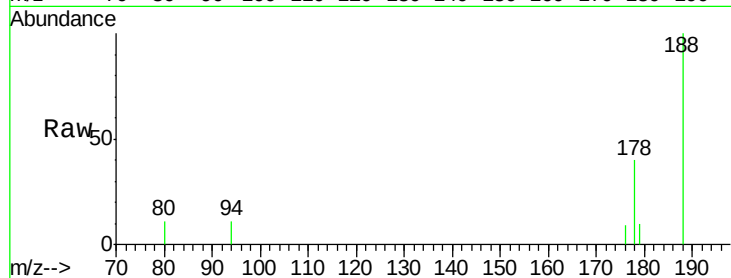
Tgt Ion:178 Resp: 1567

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

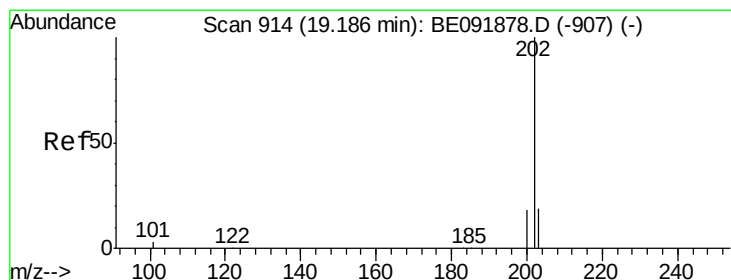
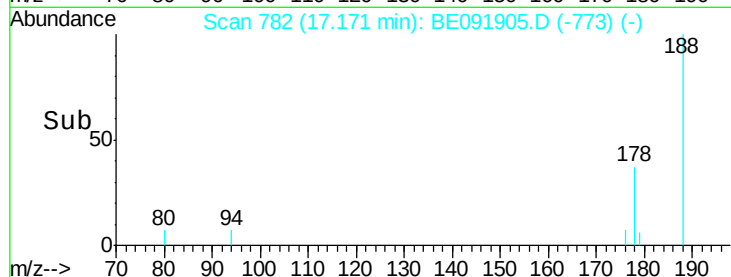
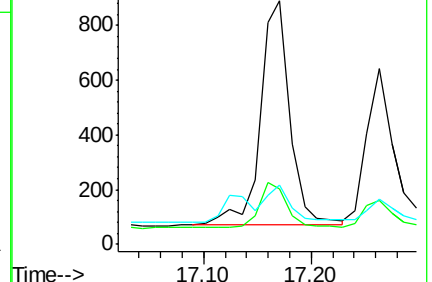
179 13.5 12.1 18.1



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



#30

Fluoranthene

Concen: 0.03 ng

RT: 19.19 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

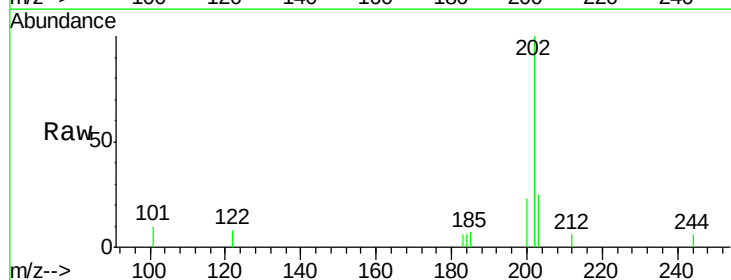
Tgt Ion:202 Resp: 1631

Ion Ratio Lower Upper

202 100

101 13.8 9.4 14.0

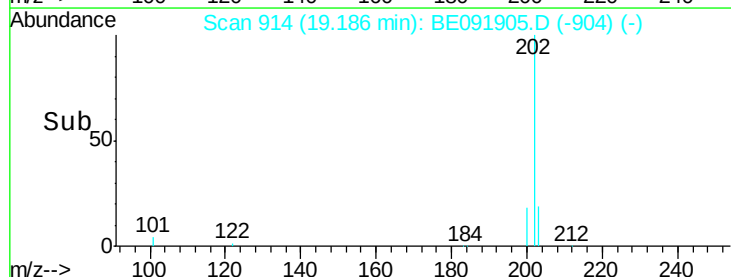
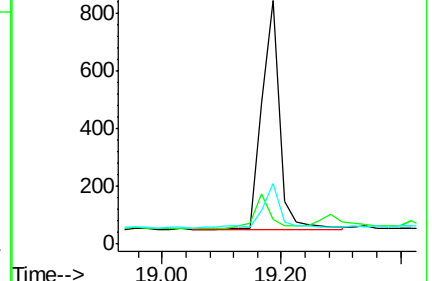
203 18.9 14.3 21.5

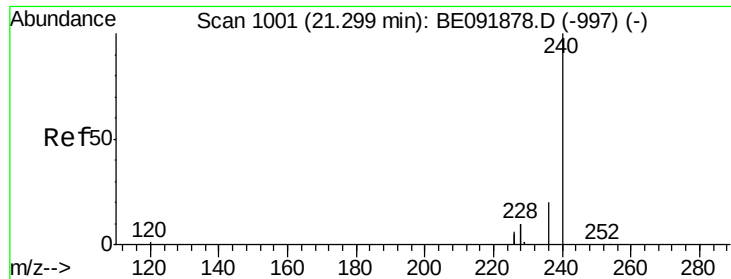


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

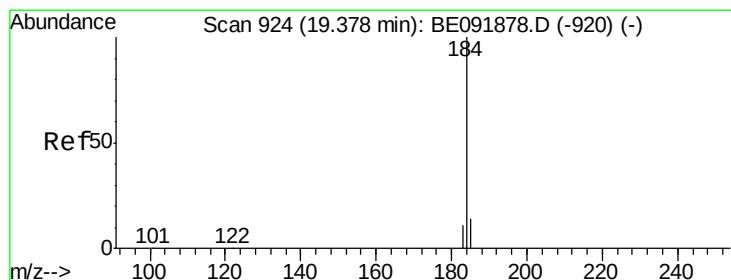
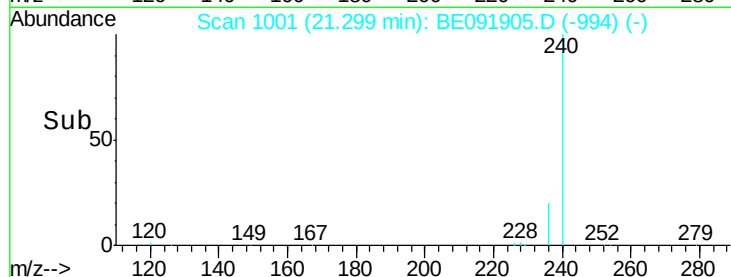
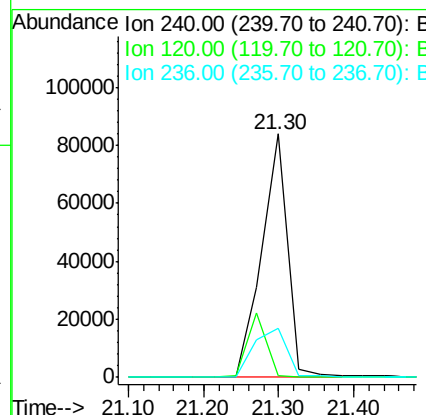
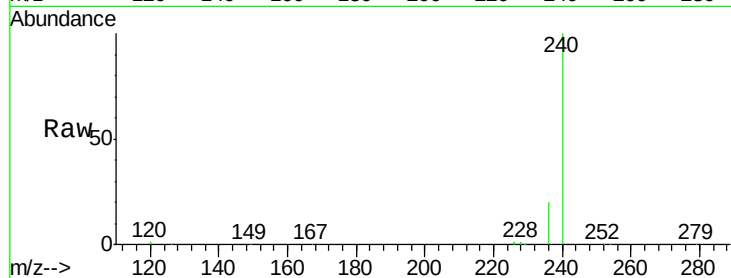




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE091905.D
Acq: 8 Jun 2016 17:34

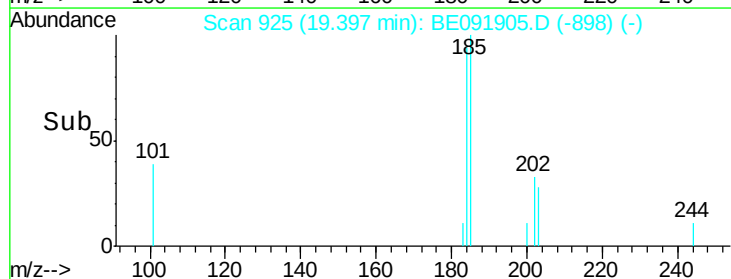
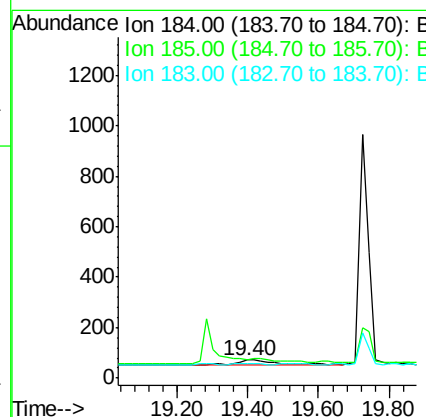
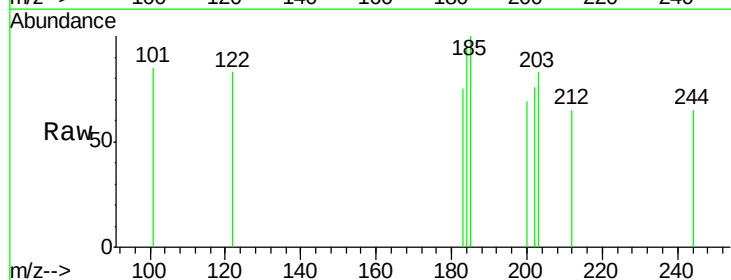
Instrument :
BNA_E
ClientSampleId :
OM-SPN-001-160531RE

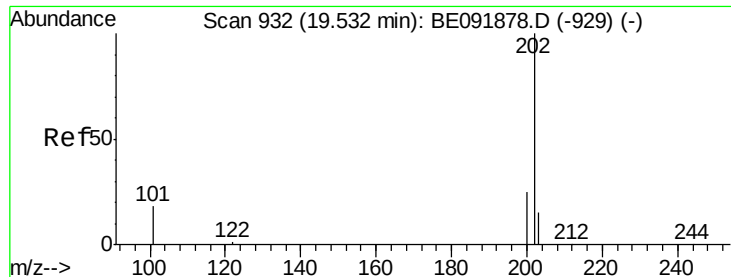
Tgt Ion: 240 Resp: 204285
Ion Ratio Lower Upper
240 100
120 0.7 1.2 1.8#
236 20.0 19.8 29.8



#32
Benzidine
Concen: 0.11 ng
RT: 19.40 min Scan# 925
Delta R.T. 0.02 min
Lab File: BE091905.D
Acq: 8 Jun 2016 17:34

Tgt Ion: 184 Resp: 166
Ion Ratio Lower Upper
184 100
185 105.6 11.4 17.2#
183 78.9 11.8 17.6#

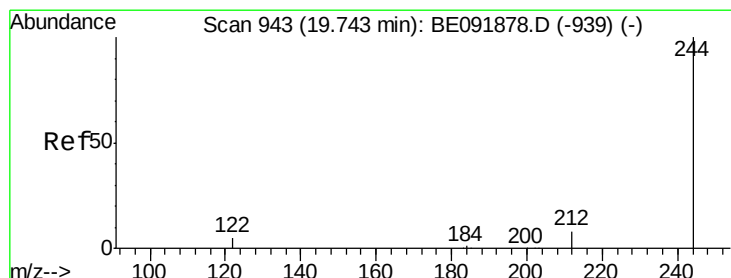
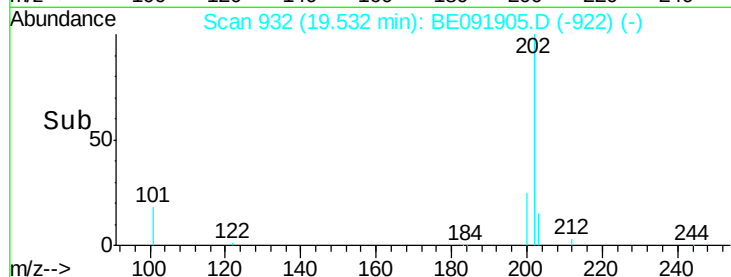
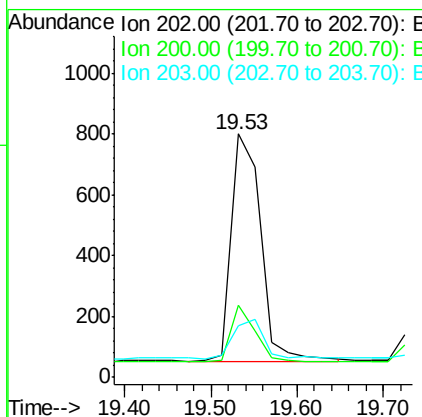
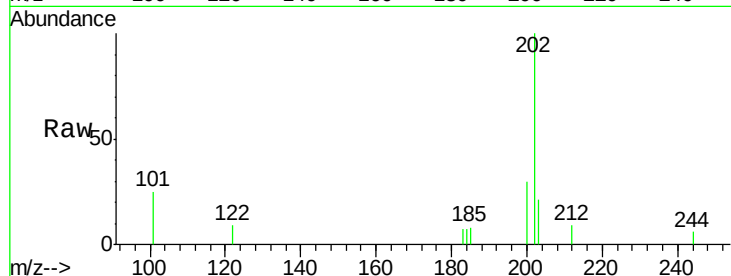




#33
 Pyrene
 Concen: 0.03 ng
 RT: 19.53 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BE091905.D
 Acq: 8 Jun 2016 17:34

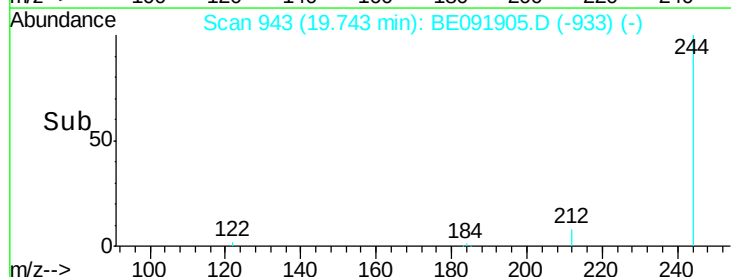
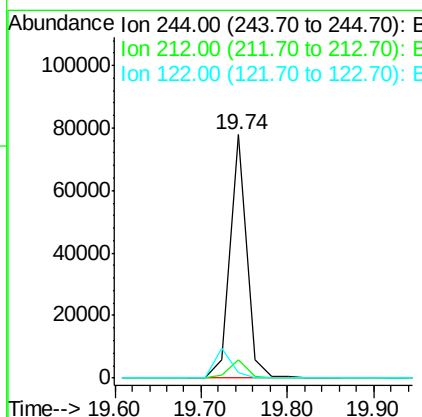
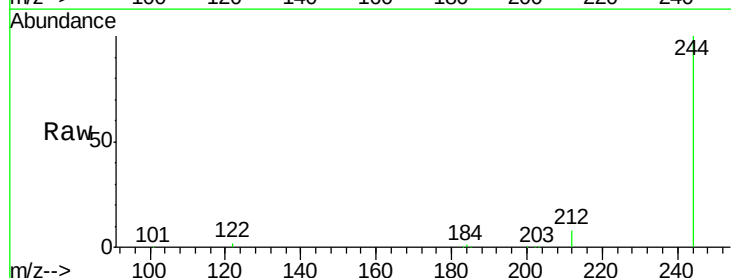
Instrument :
 BNA_E
 ClientSampleId :
 OM-SPN-001-160531RE

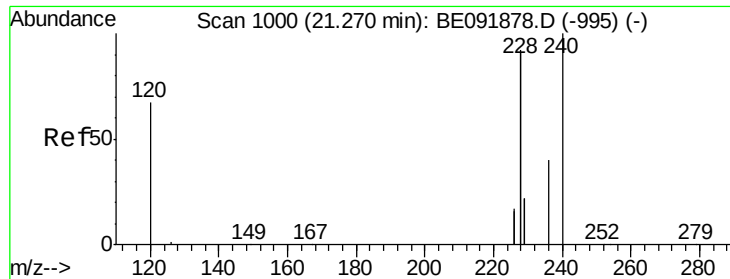
Tgt Ion: 202 Resp: 1765
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.9 25.3
 203 18.4 14.1 21.1



#34
 Terphenyl-d14
 Concen: 3.16 ng
 RT: 19.74 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BE091905.D
 Acq: 8 Jun 2016 17:34

Tgt Ion: 244 Resp: 104871
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 2.2 2.9 4.3#

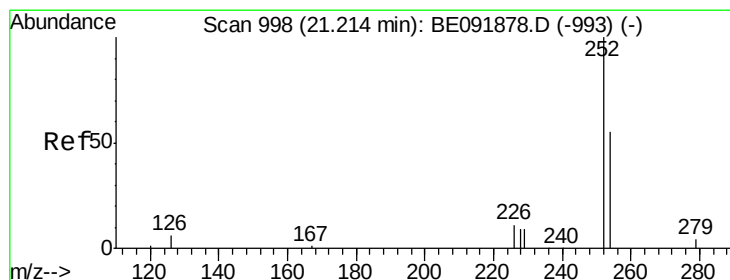
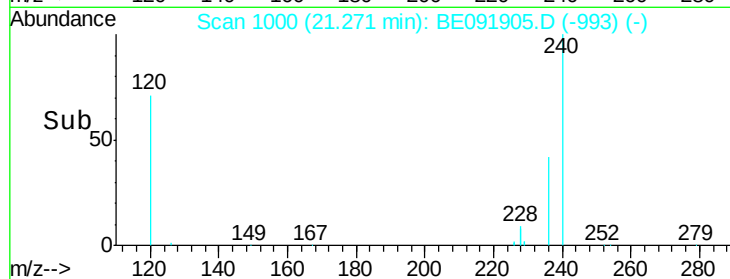
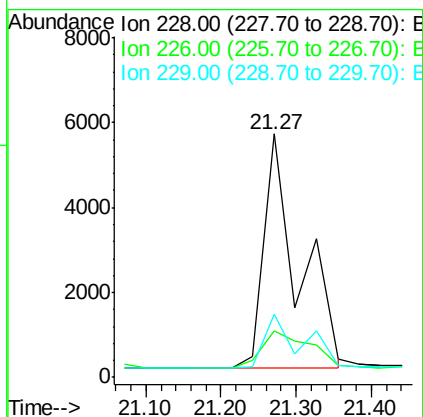
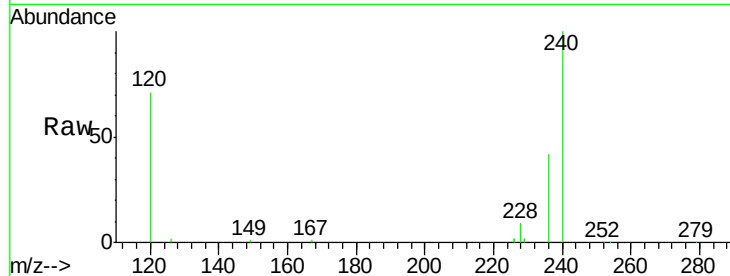




#35
Benzo(a)anthracene
Concen: Below Cal
RT: 21.27 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BE091905.D
Acq: 8 Jun 2016 17:34

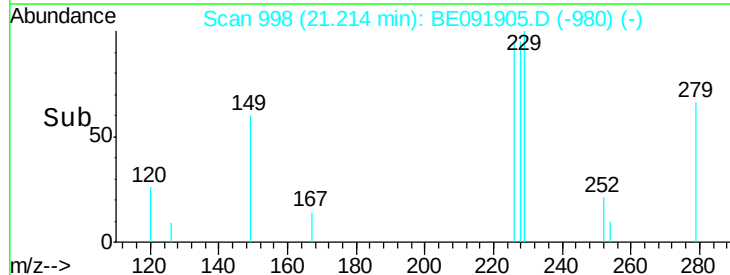
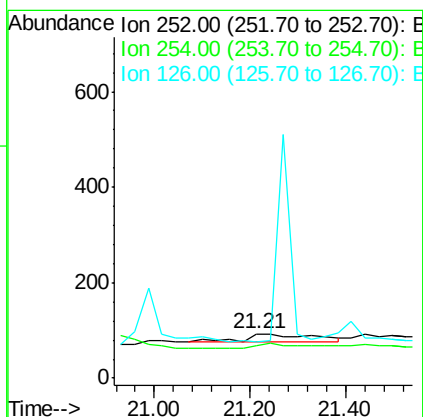
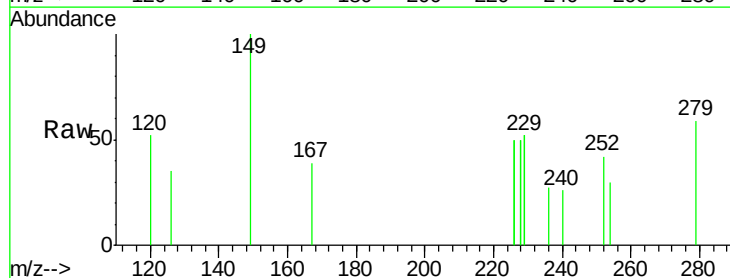
Instrument :
BNA_E
ClientSampleId :
OM-SPN-001-160531RE

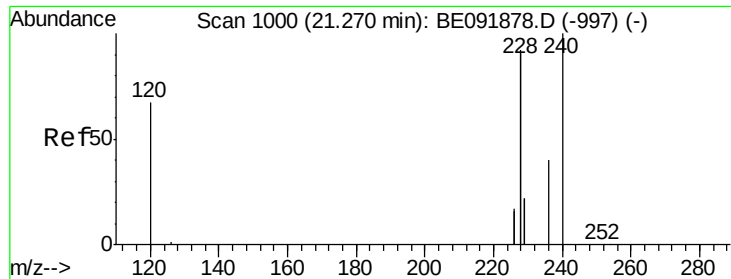
Tgt Ion:228 Resp: 17920
Ion Ratio Lower Upper
228 100
226 19.1 21.0 31.4#
229 25.9 15.8 23.8#



#36
3,3'-Dichlorobenzidine
Concen: 0.11 ng
RT: 21.21 min Scan# 998
Delta R.T. 0.00 min
Lab File: BE091905.D
Acq: 8 Jun 2016 17:34

Tgt Ion:252 Resp: 192
Ion Ratio Lower Upper
252 100
254 73.1 61.5 92.3
126 82.8 2.5 3.7#

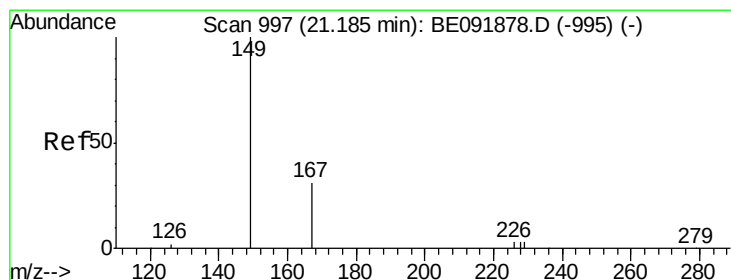
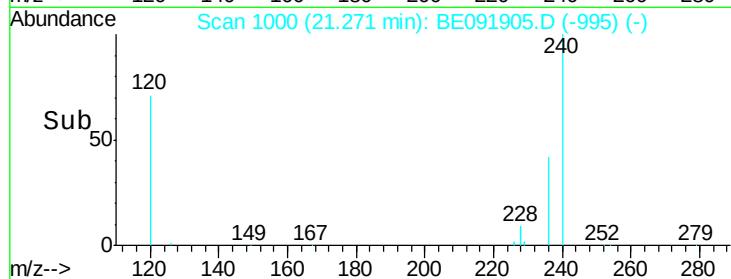
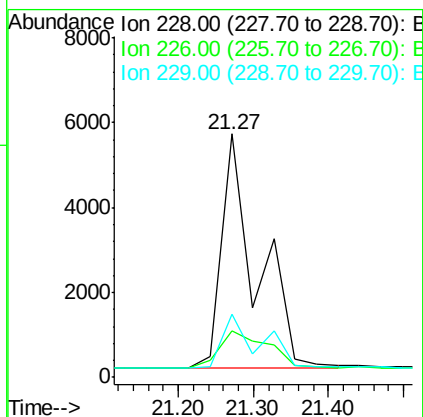
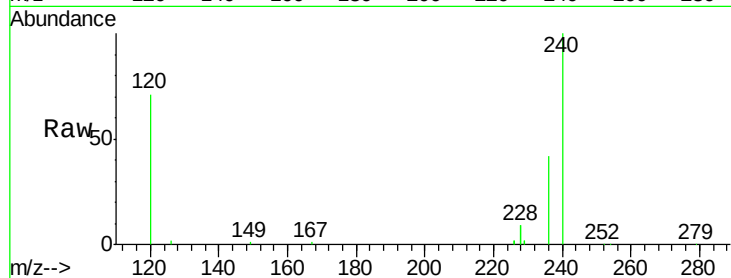




#37
Chrysene
 Concen: 0.09 ng
 RT: 21.27 min Scan# 1000
 Delta R.T. -0.06 min
 Lab File: BE091905.D
 Acq: 8 Jun 2016 17:34

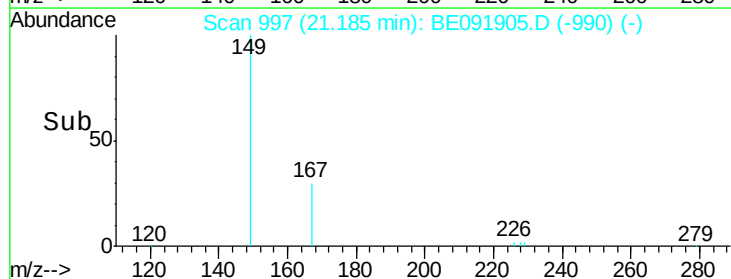
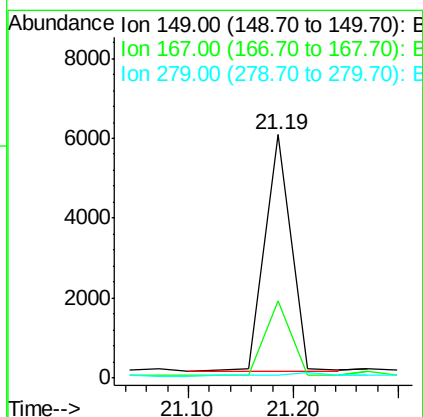
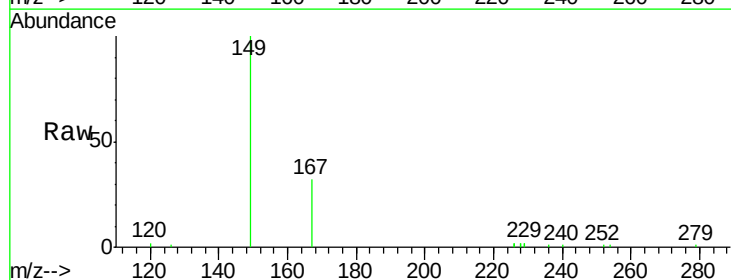
Instrument :
 BNA_E
 ClientSampleId :
 OM-SPN-001-160531RE

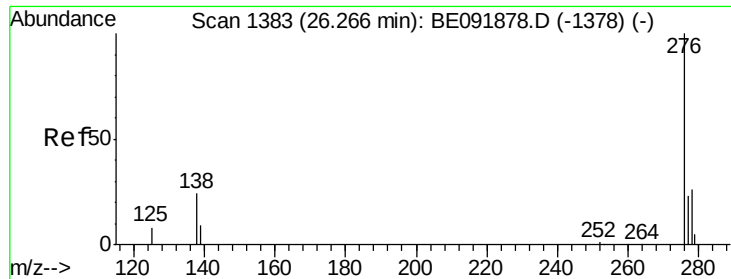
Tgt Ion: 228 Resp: 17984
 Ion Ratio Lower Upper
 228 100
 226 19.1 27.0 40.6#
 229 25.9 13.8 20.8#



#38
Bis(2-ethylhexyl)phthalate
 Concen: 0.39 ng
 RT: 21.19 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BE091905.D
 Acq: 8 Jun 2016 17:34

Tgt Ion: 149 Resp: 10240
 Ion Ratio Lower Upper
 149 100
 167 31.1 0.0 0.0#
 279 0.0 0.0 0.0





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng

RT: 26.29 min Scan# 1384

Delta R.T. 0.02 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE

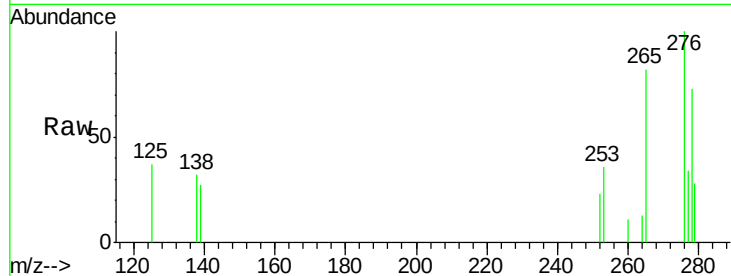
Tgt Ion: 276 Resp: 1840

Ion Ratio Lower Upper

276 100

138 0.0 19.7 29.5#

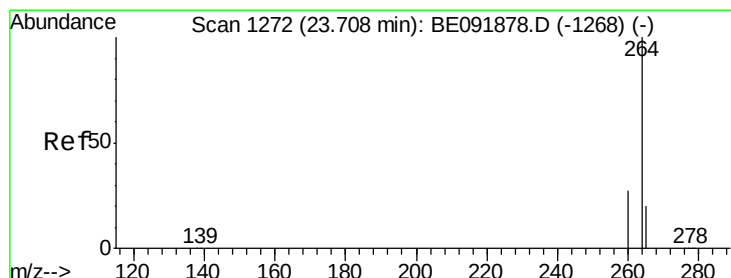
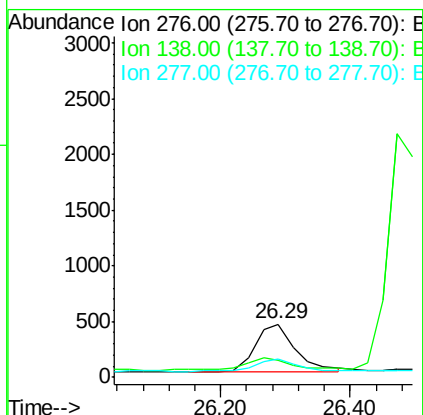
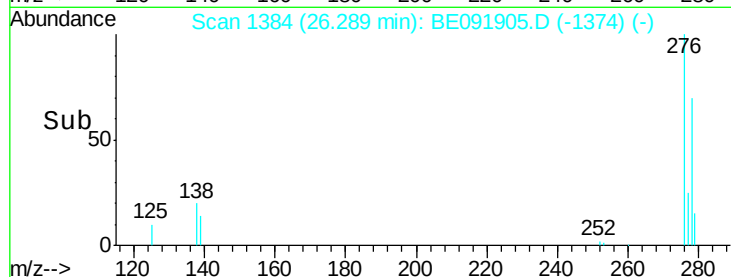
277 25.2 20.1 30.1



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



#40

Perylene-d12

Concen: 5.00 ng

RT: 23.71 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

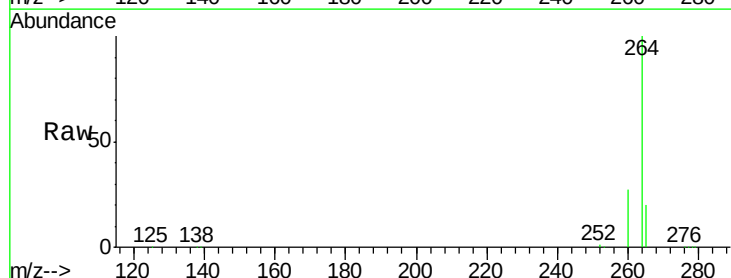
Tgt Ion: 264 Resp: 282812

Ion Ratio Lower Upper

264 100

260 27.4 20.3 30.5

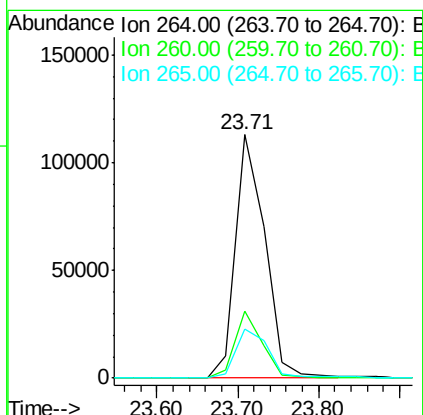
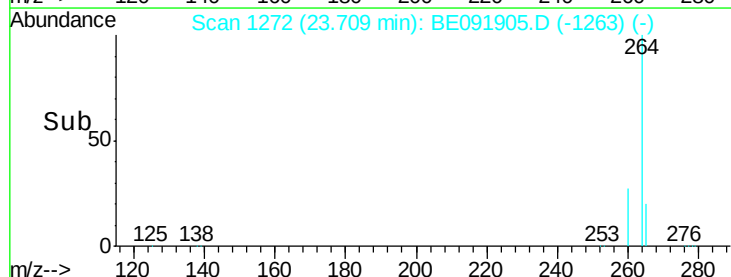
265 20.1 17.6 26.4

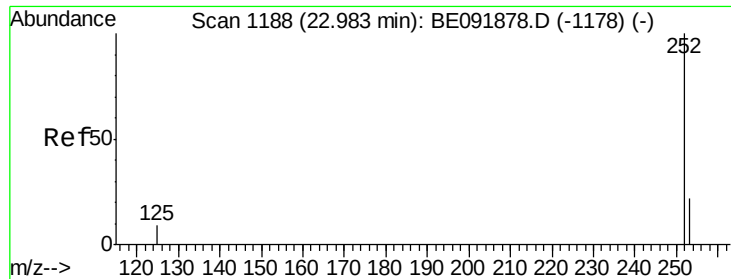


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.98 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE

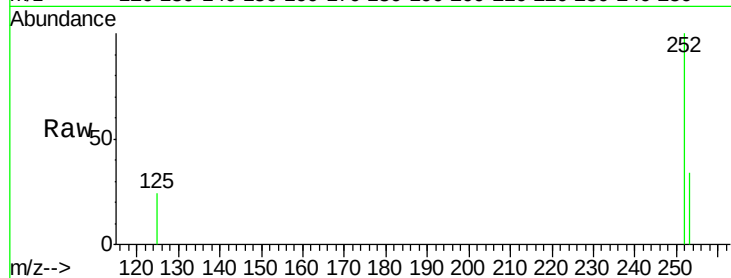
Tgt Ion:252 Resp: 2060

Ion Ratio Lower Upper

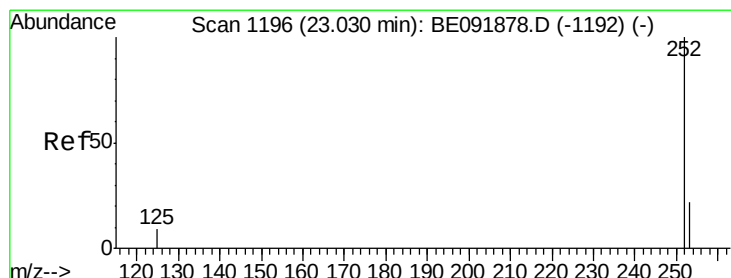
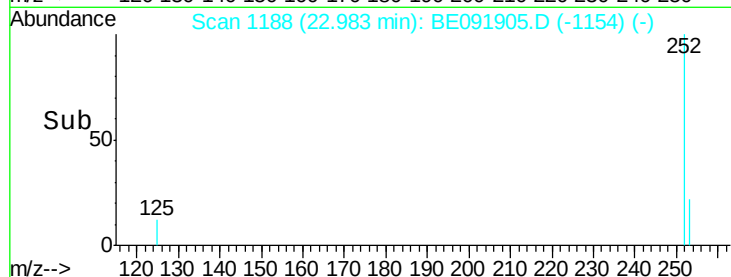
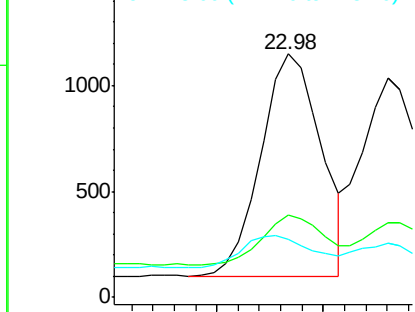
252 100

253 33.9 17.8 26.6#

125 24.0 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



#42

Benzo(k)fluoranthene

Concen: 0.03 ng

RT: 23.03 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

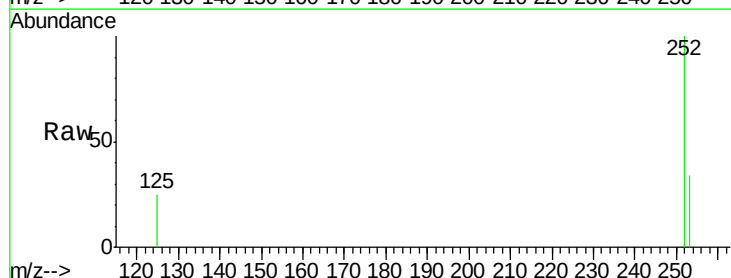
Tgt Ion:252 Resp: 1995

Ion Ratio Lower Upper

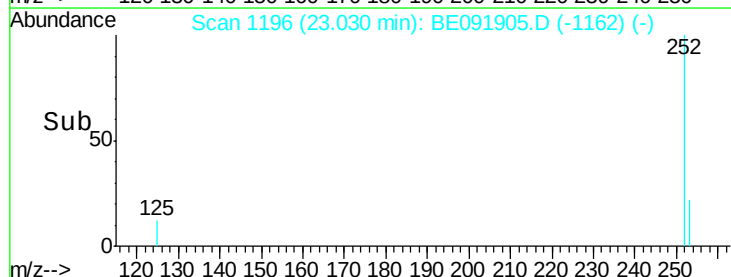
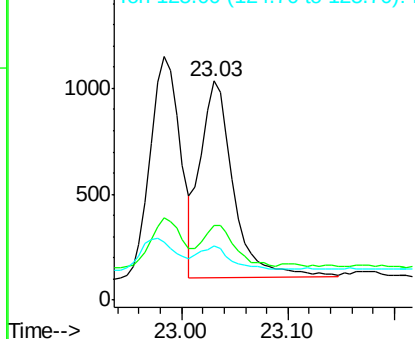
252 100

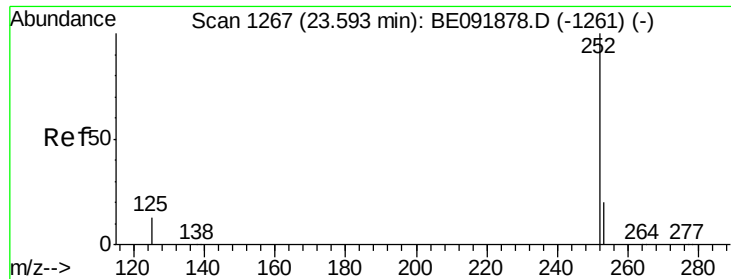
253 34.3 19.4 29.2#

125 24.7 8.3 12.5#



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





#43

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.59 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE

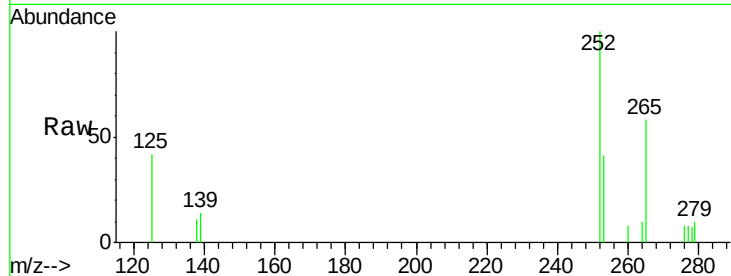
Tgt Ion: 252 Resp: 1704

Ion Ratio Lower Upper

252 100

253 41.4 18.9 28.3#

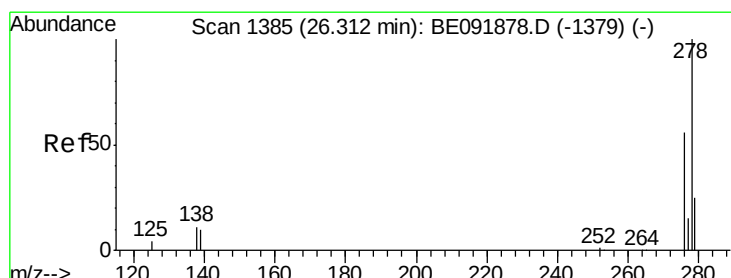
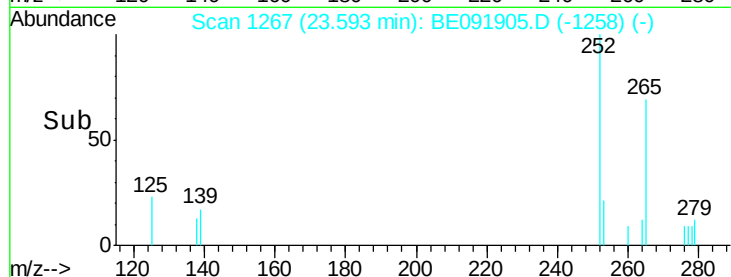
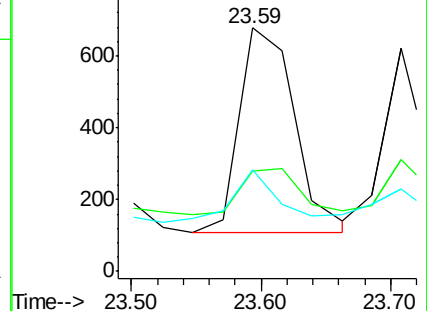
125 41.6 10.5 15.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#44

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 26.31 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE091905.D

Acq: 8 Jun 2016 17:34

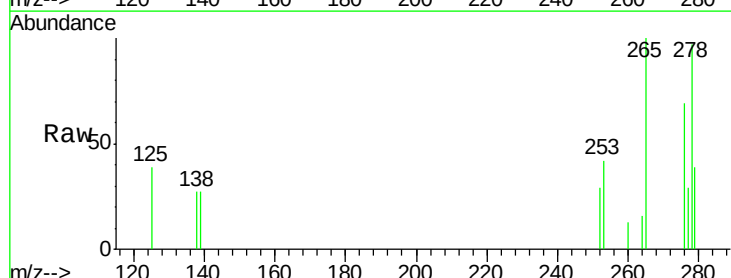
Tgt Ion: 278 Resp: 1436

Ion Ratio Lower Upper

278 100

139 27.5 12.6 18.8#

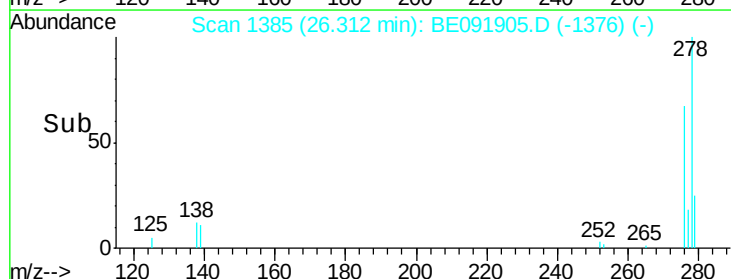
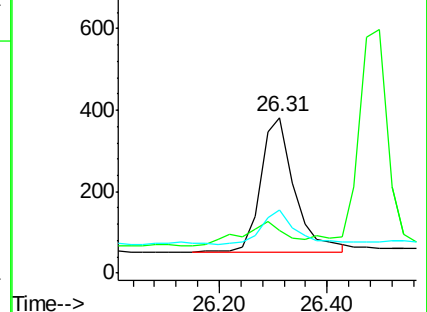
279 40.3 20.0 30.0#

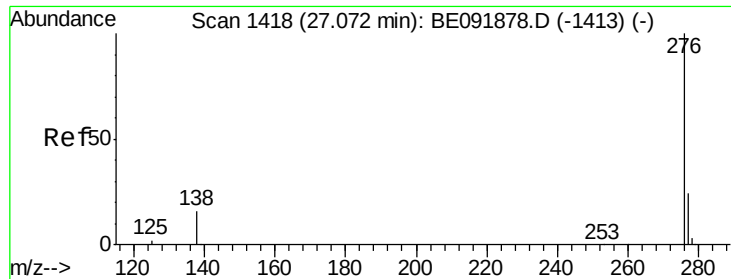


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 0.03 ng

RT: 27.07 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BE091905.D

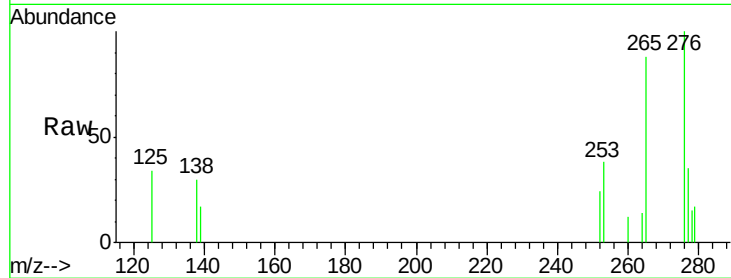
Acq: 8 Jun 2016 17:34

Instrument :

BNA_E

ClientSampleId :

OM-SPN-001-160531RE



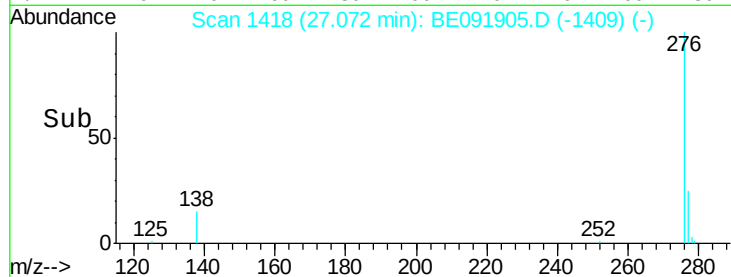
Tgt Ion: 276 Resp: 1657

Ion Ratio Lower Upper

276 100

277 34.6 19.5 29.3#

138 30.1 17.7 26.5#



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

