

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092061.D
 Acq On : 27 Jul 2016 17:46
 Operator : UM/SJ
 Sample : H4135-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-1600719

Quant Time: Jul 28 01:35:53 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:13:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	14384	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	66459	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	29561	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	93746	5.00	ng	0.00
31) Chrysene-d12	21.76	240	81368	5.00	ng	0.00
40) Perylene-d12	24.15	264	97552	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	8679	2.71	ng	-0.02
5) Phenol-d6	7.35	99	6446	1.51	ng	0.00
9) Nitrobenzene-d5	9.35	82	17165	3.47	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	11092	8.05	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	43310	3.66	ng	0.00
34) Terphenyl-d14	20.20	244	78816	5.20	ng	0.00

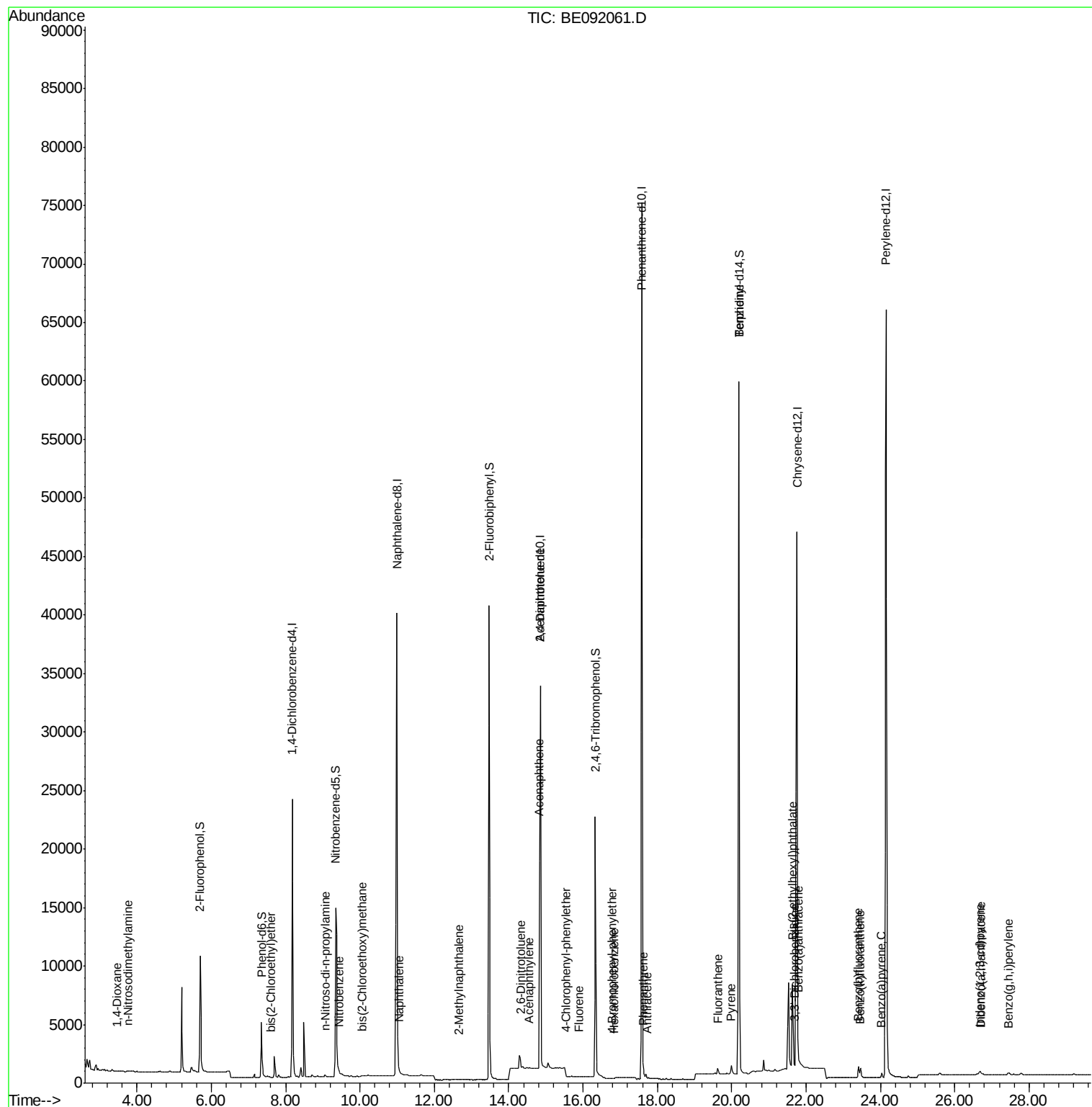
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	57	0.03	ng	# 50
3) n-Nitrosodimethylamine	3.75	42	69	0.03	ng	# 7
6) bis(2-Chloroethyl)ether	7.61	93	7	0.00	ng	# 22
7) n-Nitroso-di-n-propylamine	9.06	70	212	0.06	ng	# 59
10) Nitrobenzene	9.44	77	12	0.00	ng	# 45
11) bis(2-Chloroethoxy)methane	10.07	93	447	0.08	ng	# 50
12) Naphthalene	11.04	128	141	0.01	ng	# 13
14) 2-Methylnaphthalene	12.68	142	19	0.00	ng	# 48
18) Acenaphthylene	14.56	152	43	0.00	ng	# 1
19) 2,6-Dinitrotoluene	14.32	165	6136	0.76	ng	# 100
20) Acenaphthene	14.83	154	154	0.02	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	16926	1.52	ng	# 1
22) Fluorene	15.90	166	28	0.00	ng	# 50
23) 4-Chlorophenyl-phenylether	15.55	204	398	0.06	ng	# 1
25) 4-Bromophenyl-phenylether	16.78	248	6	0.00	ng	# 21
26) Hexachlorobenzene	16.83	284	1	0.00	ng	# 38
28) Phenanthrene	17.63	178	253	0.01	ng	# 76
29) Anthracene	17.72	178	33	0.00	ng	# 81
30) Fluoranthene	19.63	202	929	0.01	ng	# 97
32) Benzo(a)anthracene	20.20	184	1193	0.39	ng	# 95
33) Pyrene	19.99	202	1074	0.01	ng	# 95
35) Benzo(a)anthracene	21.79	228	3105	0.06	ng	# 91
36) 3,3'-Dichlorobenzidine	21.70	252	72	0.27	ng	# 25
37) Chrysene	21.79	228	3193	Below Cal		# 93
38) Bis(2-ethylhexyl)phthalate	21.64	149	11843	0.22	ng	# 98
39) Indeno(1,2,3-cd)pyrene	26.69	276	757	0.01	ng	# 98
41) Benzo(b)fluoranthene	23.41	252	1439	0.00	ng	# 78
42) Benzo(k)fluoranthene	23.46	252	1577	0.01	ng	# 83
43) Benzo(a)pyrene	24.04	252	669	0.03	ng	# 43
44) Dibenzo(a,h)anthracene	26.70	278	147	0.01	ng	# 1
45) Benzo(g,h,i)perylene	27.45	276	462	0.01	ng	# 1

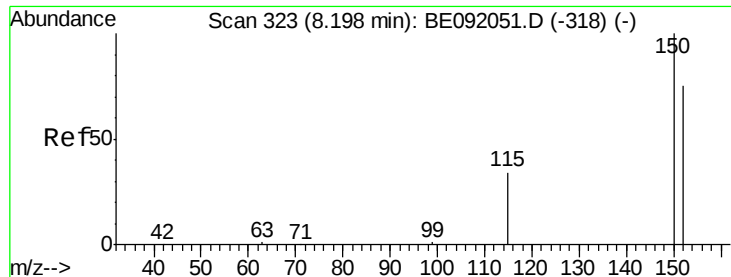
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.02 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

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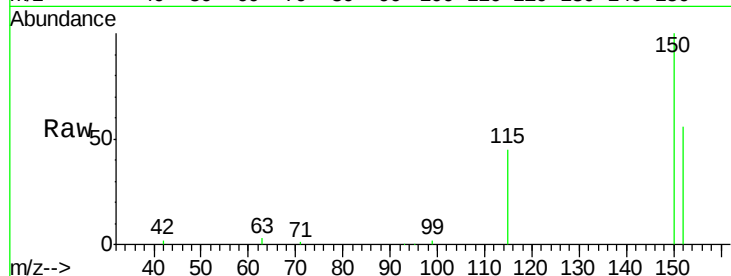
Tgt Ion:152 Resp: 14384

Ion Ratio Lower Upper

152 100

150 179.8 106.0 159.0#

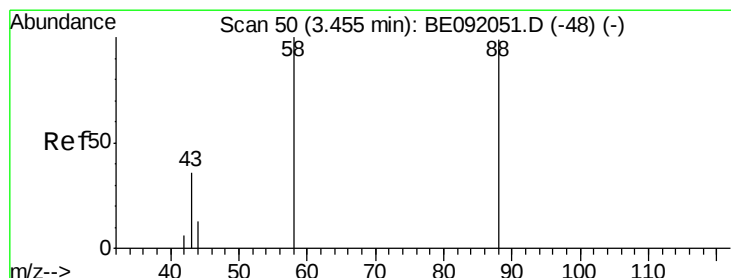
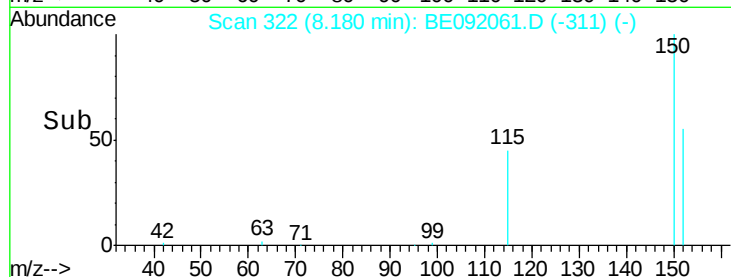
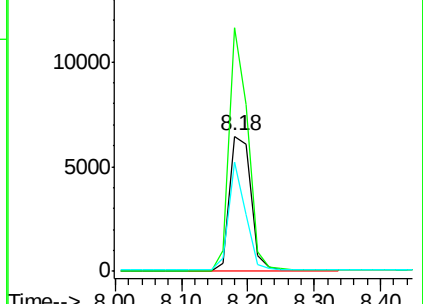
115 80.6 36.9 55.3#



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: 0.03 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.02 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

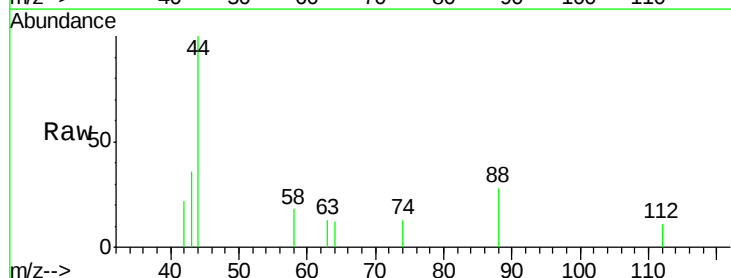
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

58 61.4 62.1 93.1#

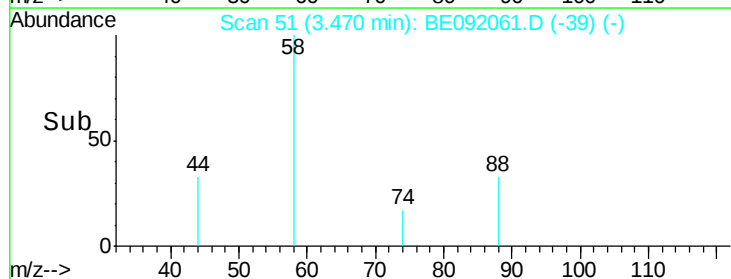
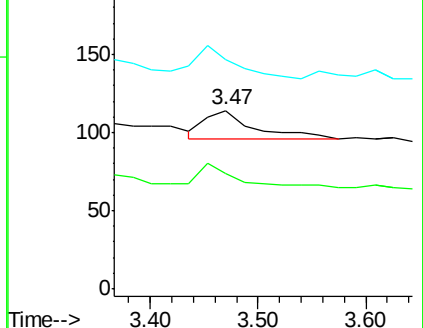
43 103.5 27.2 40.8#

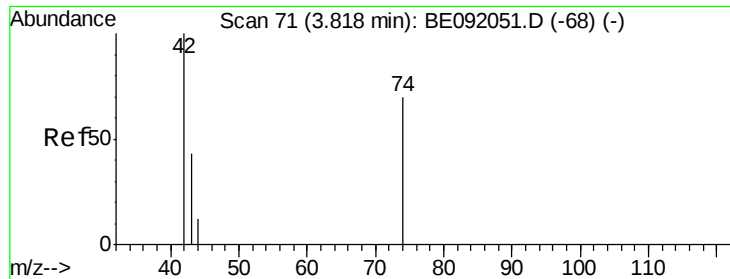


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



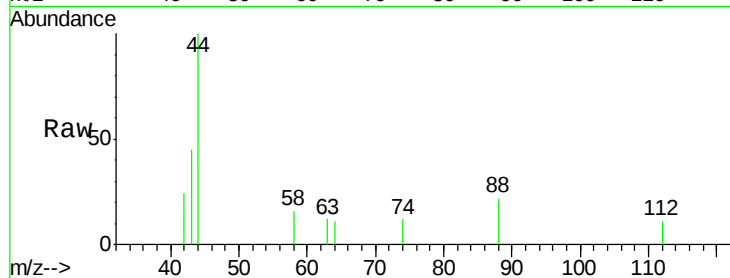


#3

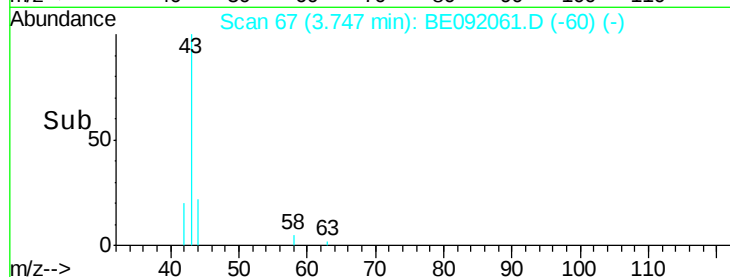
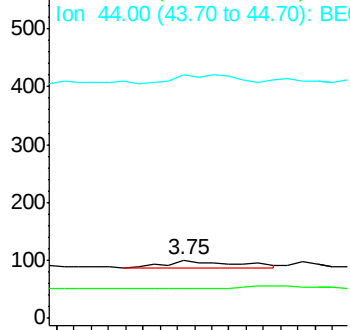
n-Nitrosodimethylamine
 Concen: 0.03 ng
 RT: 3.75 min Scan# 67
 Delta R.T. -0.07 min
 Lab File: BE092061.D
 Acq: 27 Jul 2016 17:46

Instrument :
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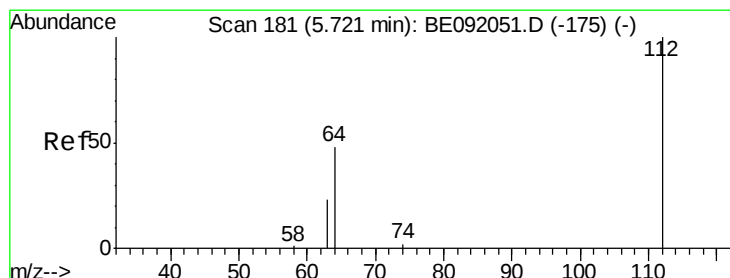
Tgt Ion: 42 Resp: 69
 Ion Ratio Lower Upper
 42 100
 74 1.4 82.8 124.2#
 44 0.0 9.0 13.4#



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



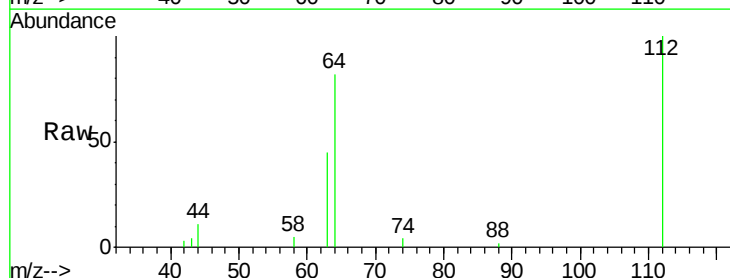
Time-->



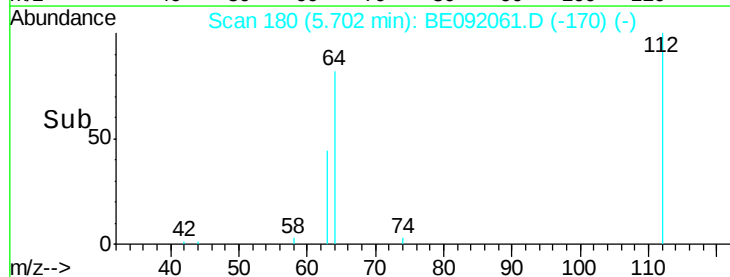
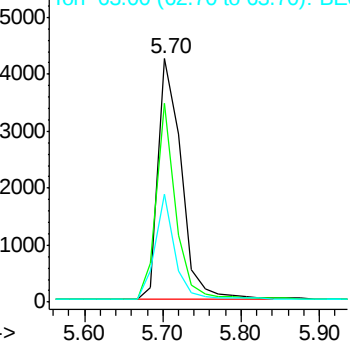
#4

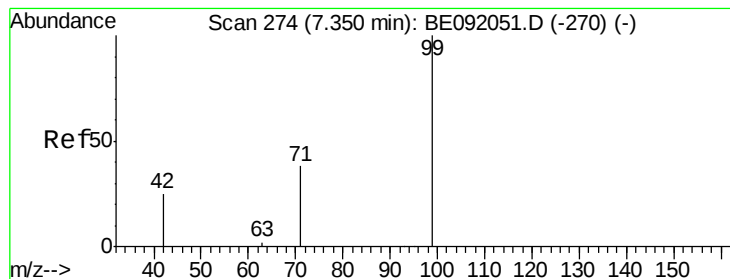
2-Fluorophenol
 Concen: 2.71 ng
 RT: 5.70 min Scan# 180
 Delta R.T. -0.02 min
 Lab File: BE092061.D
 Acq: 27 Jul 2016 17:46

Tgt Ion: 112 Resp: 8679
 Ion Ratio Lower Upper
 112 100
 64 68.9 55.9 83.9
 63 37.1 31.1 46.7



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: 1.51 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

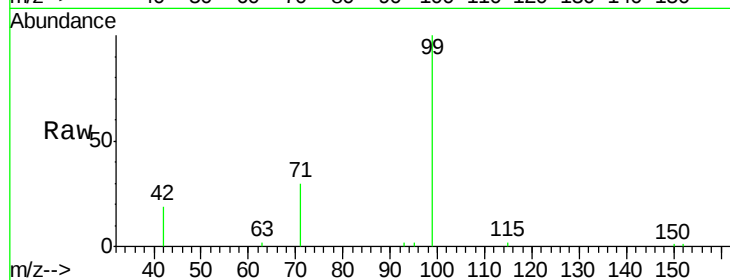
Tgt Ion: 99 Resp: 6446

Ion Ratio Lower Upper

99 100

42 27.6 22.4 33.6

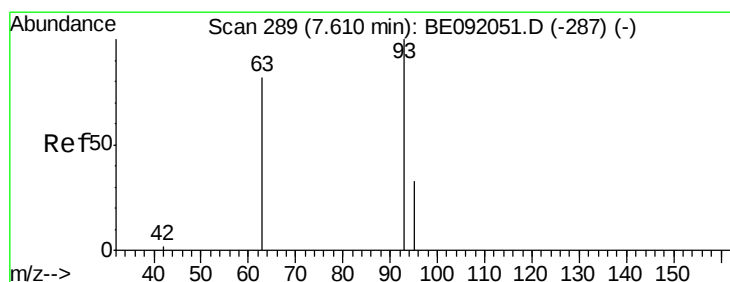
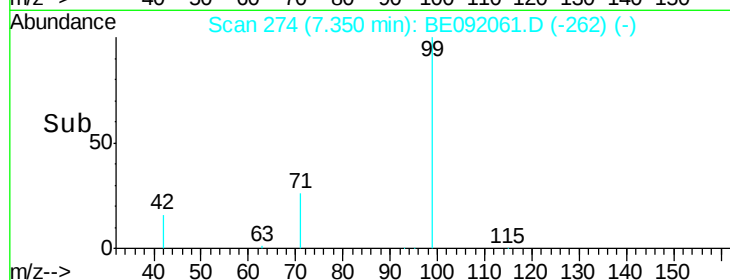
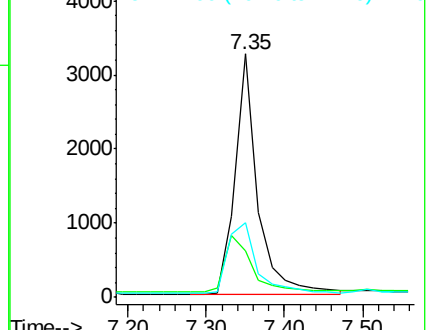
71 38.3 28.9 43.3



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

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

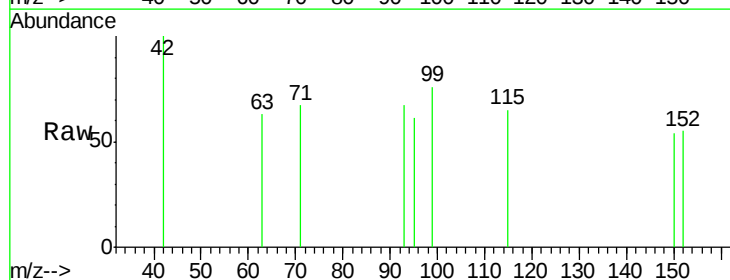
Tgt Ion: 93 Resp: 7

Ion Ratio Lower Upper

93 100

63 0.0 64.4 96.6#

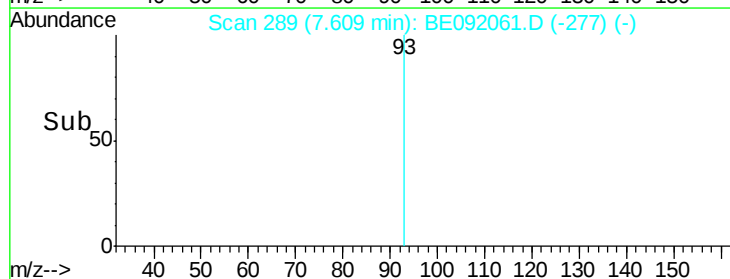
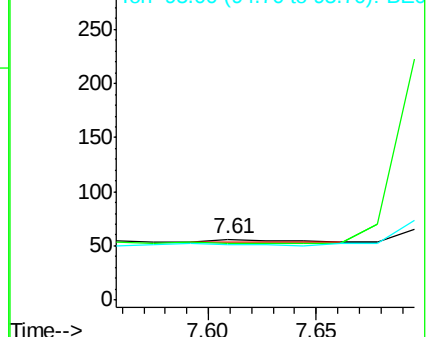
95 57.1 25.8 38.8#

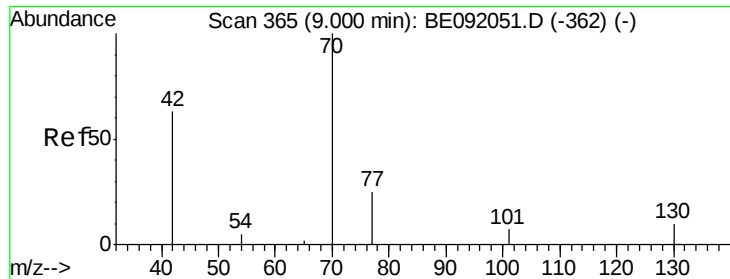


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.06 ng

RT: 9.06 min Scan# 368

Delta R.T. 0.06 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

Tgt Ion: 70 Resp: 212

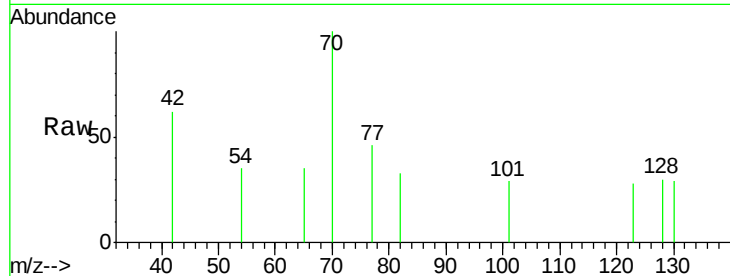
Ion Ratio Lower Upper

70 100

42 37.7 60.2 90.4#

101 0.0 6.8 10.2#

130 0.0 13.3 19.9#

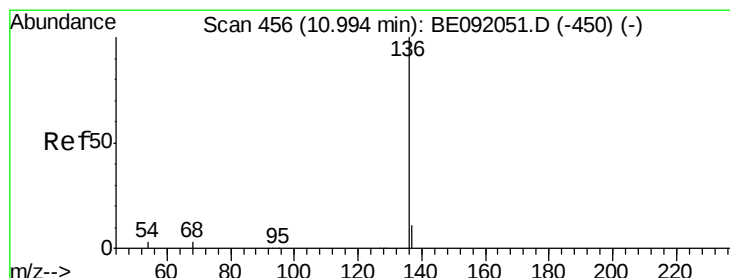
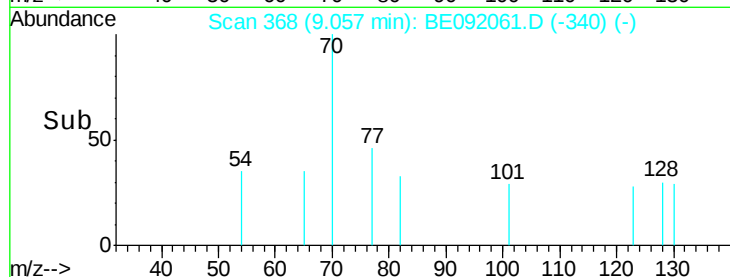
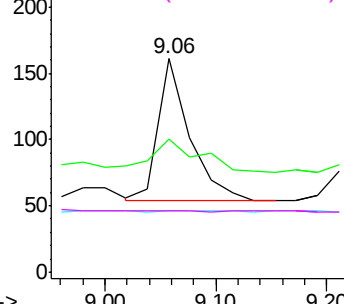


Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Tgt Ion: 136 Resp: 66459

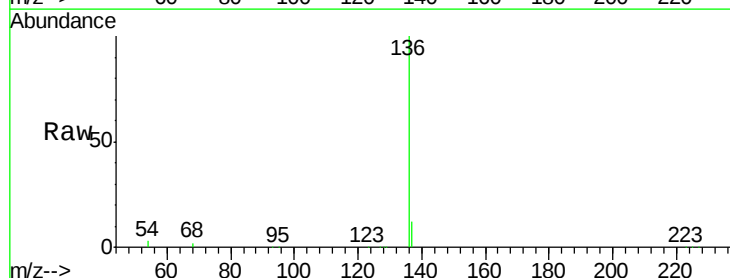
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 2.9 2.7 4.1

68 2.3 2.2 3.4

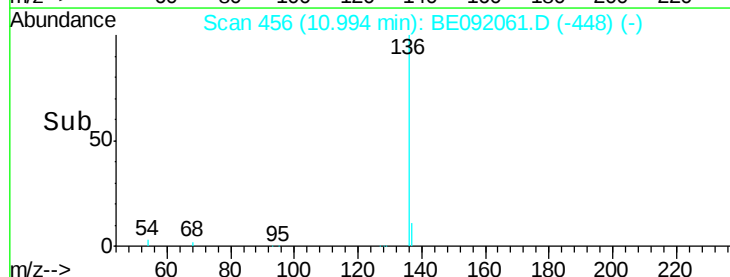
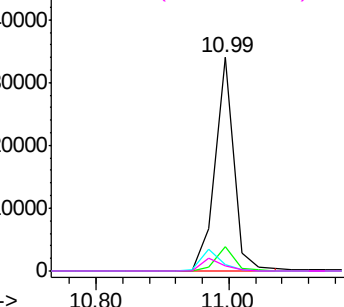


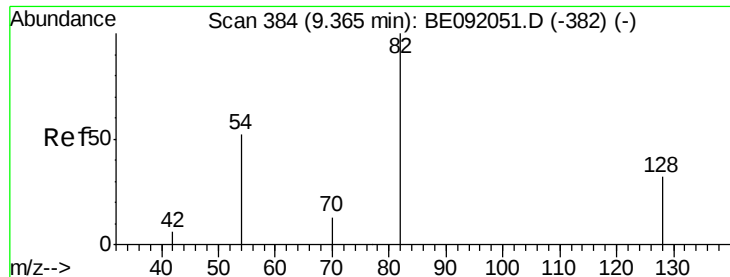
Abundance Ion 136.00 (135.70 to 136.70): E

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





#9

Nitrobenzene-d5

Concen: 3.47 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.02 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

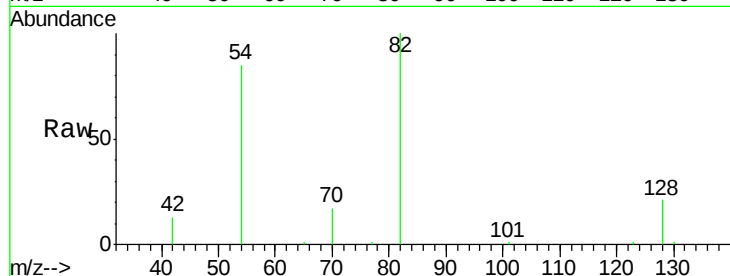
Tgt Ion: 82 Resp: 17165

Ion Ratio Lower Upper

82 100

128 20.6 33.0 49.4#

54 85.4 42.6 63.8#

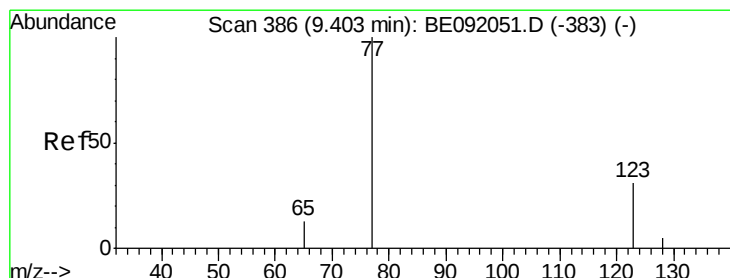
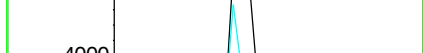
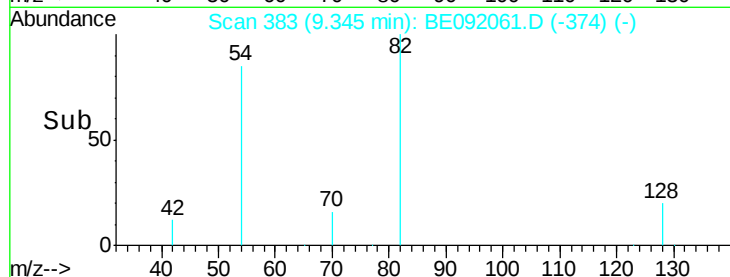


Abundance Ion 82.00 (81.70 to 82.70): BE092061.D (-374) (-)

Ion 128.00 (127.70 to 128.70): BE092061.D (-374) (-)

Ion 54.00 (53.70 to 54.70): BE092061.D (-374) (-)

Time-->



#10

Nitrobenzene

Concen: 0.00 ng

RT: 9.44 min Scan# 388

Delta R.T. 0.04 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

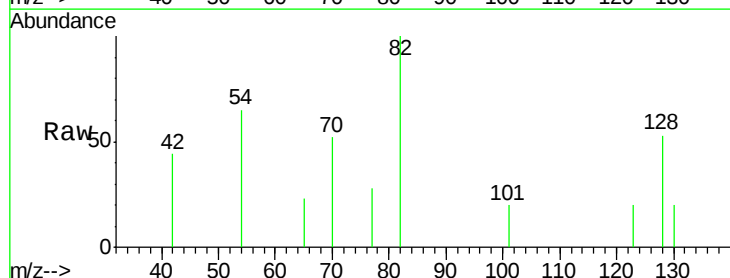
Tgt Ion: 77 Resp: 12

Ion Ratio Lower Upper

77 100

123 0.0 29.9 44.9#

65 0.0 11.4 17.0#

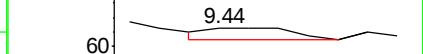
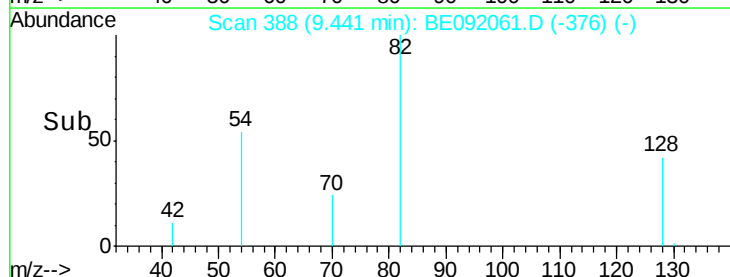


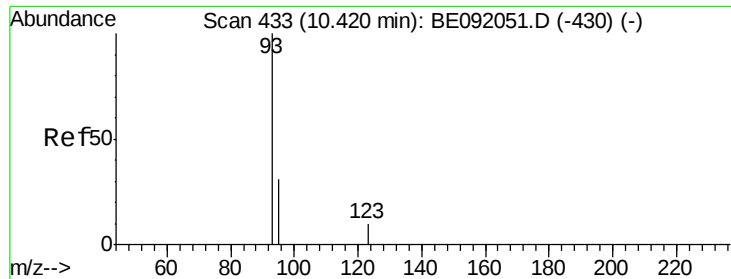
Abundance Ion 77.00 (76.70 to 77.70): BE092061.D (-376) (-)

Ion 123.00 (122.70 to 123.70): BE092061.D (-376) (-)

Ion 65.00 (64.70 to 65.70): BE092061.D (-376) (-)

Time-->

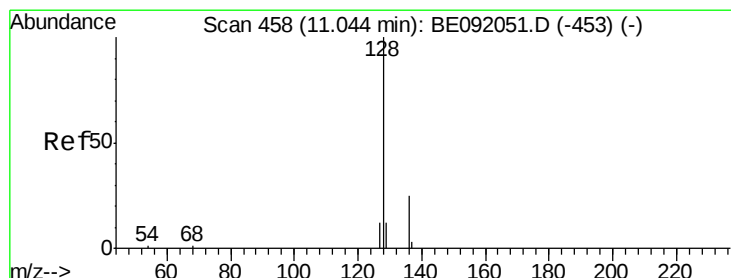
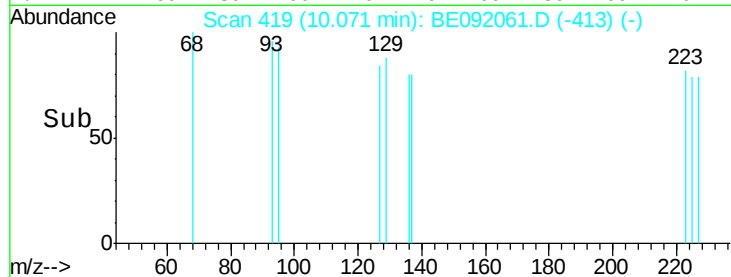
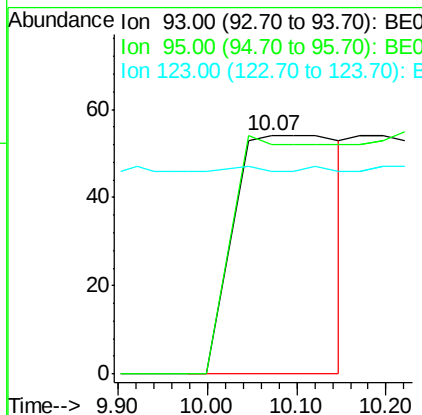
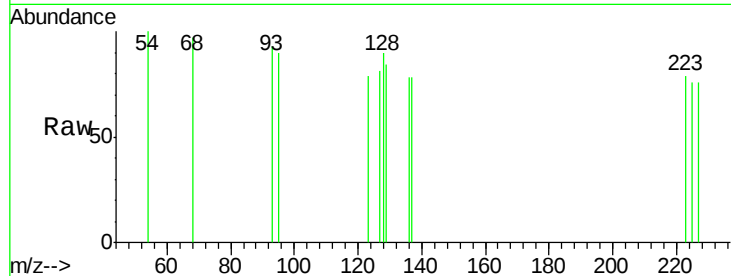




#11
bis(2-Chloroethoxy)methane
Concen: 0.08 ng
RT: 10.07 min Scan# 419
Delta R.T. -0.35 min
Lab File: BE092061.D
Acq: 27 Jul 2016 17:46

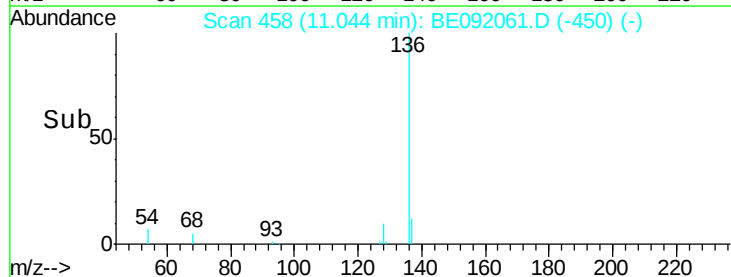
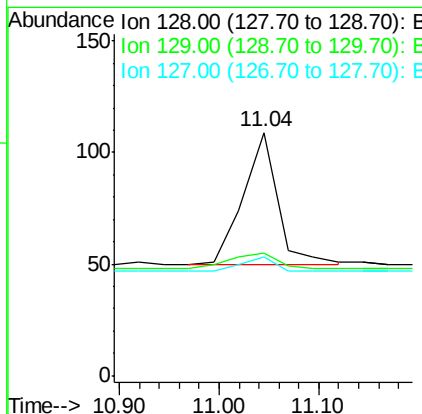
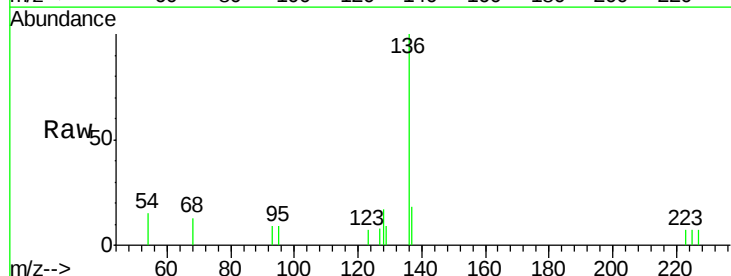
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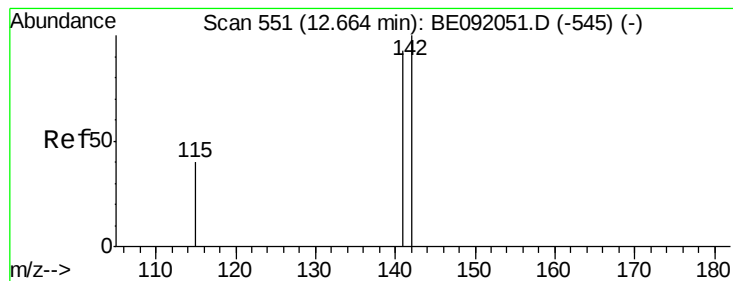
Tgt Ion: 93 Resp: 447
Ion Ratio Lower Upper
93 100
95 0.0 25.0 37.6#
123 0.0 7.8 11.8#



#12
Naphthalene
Concen: 0.01 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092061.D
Acq: 27 Jul 2016 17:46

Tgt Ion: 128 Resp: 141
Ion Ratio Lower Upper
128 100
129 50.5 11.1 16.7#
127 48.6 11.3 16.9#





#14

2-Methylnaphthalene

Concen: 0.00 ng

RT: 12.68 min Scan# 552

Delta R.T. 0.01 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

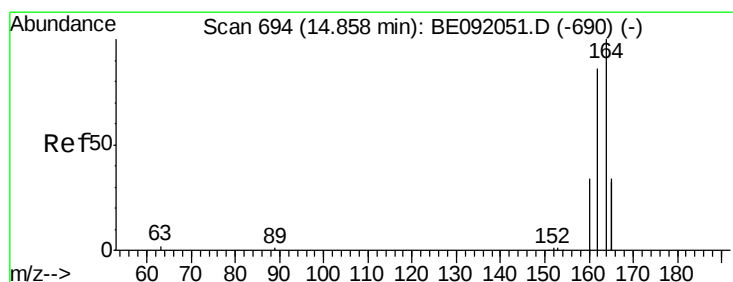
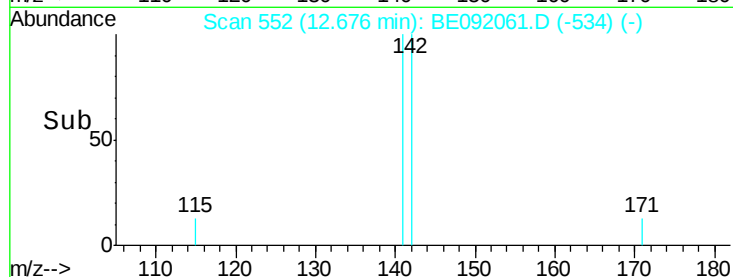
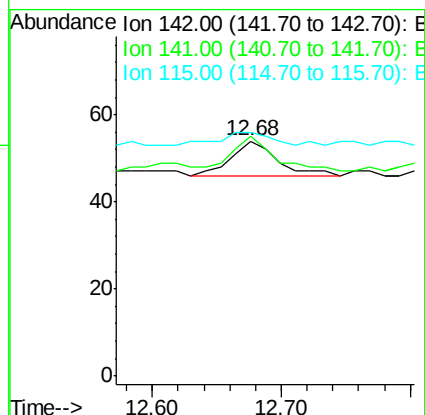
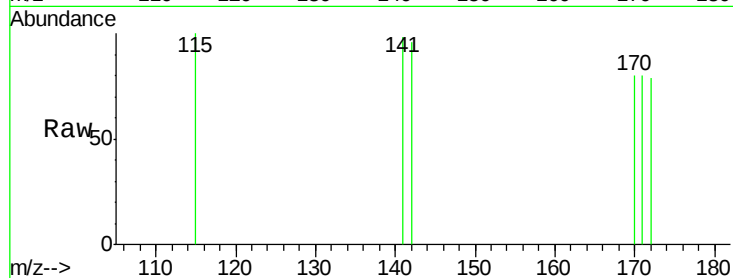
Tgt Ion:142 Resp: 19

Ion Ratio Lower Upper

142 100

141 101.9 65.1 97.7#

115 103.7 27.0 40.4#



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

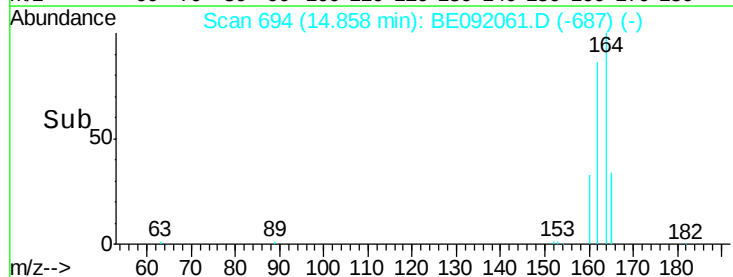
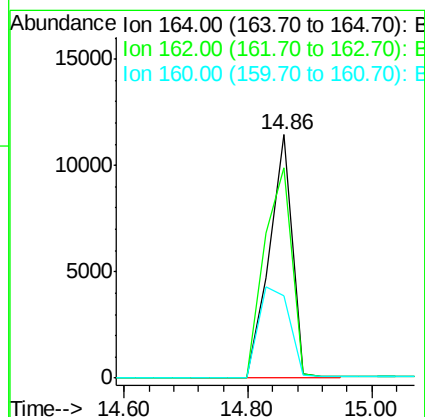
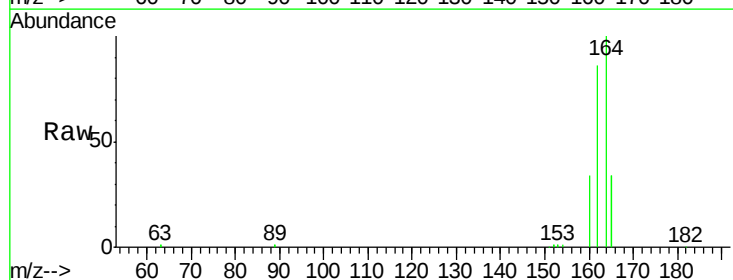
Tgt Ion:164 Resp: 29561

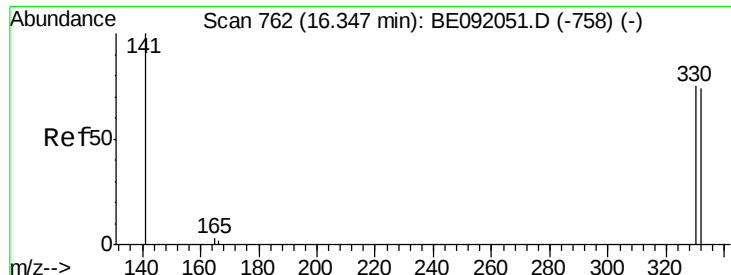
Ion Ratio Lower Upper

164 100

162 86.3 69.5 104.3

160 33.7 27.6 41.4

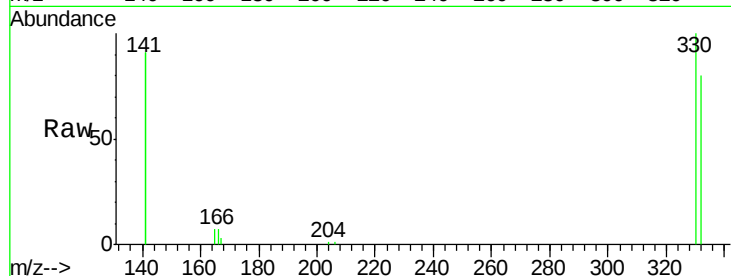




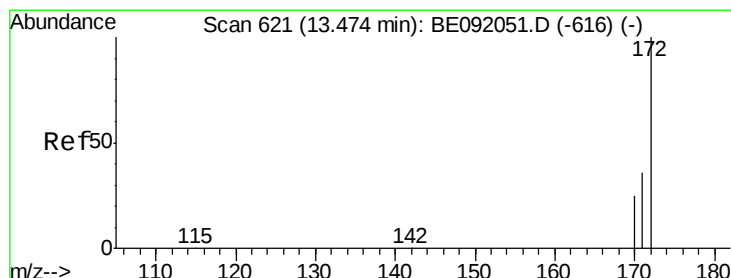
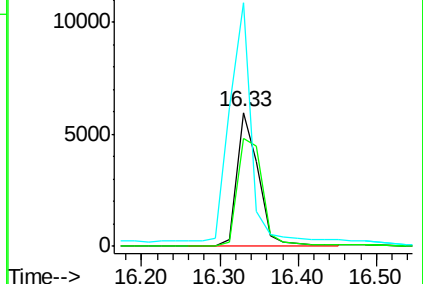
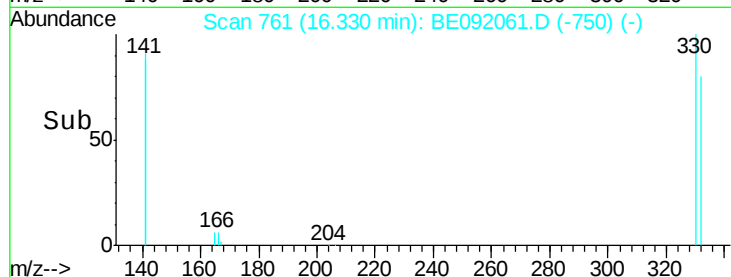
#16
 2,4,6-Tribromophenol
 Concen: 8.05 ng
 RT: 16.33 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BE092061.D
 Acq: 27 Jul 2016 17:46

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-1600719

Tgt Ion:330 Resp: 11092
 Ion Ratio Lower Upper
 330 100
 332 95.5 74.2 111.4
 141 176.7 139.8 209.8

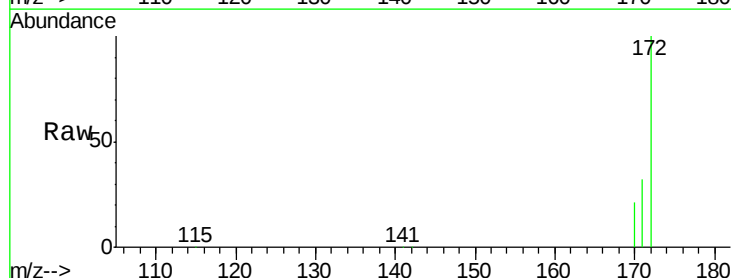


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

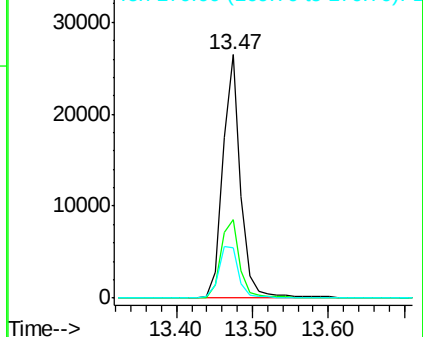
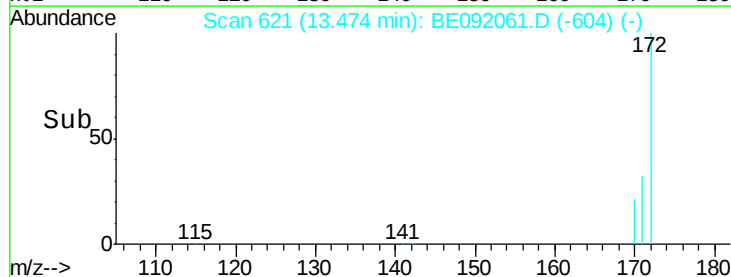


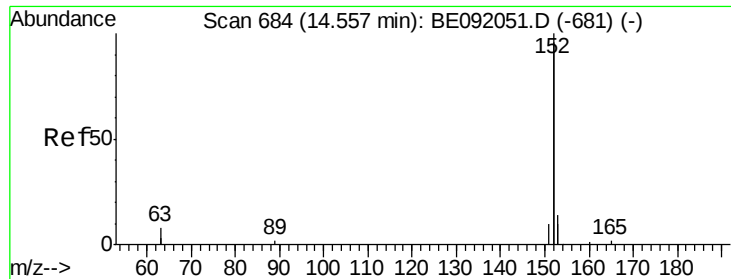
#17
 2-Fluorobiphenyl
 Concen: 3.66 ng
 RT: 13.47 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BE092061.D
 Acq: 27 Jul 2016 17:46

Tgt Ion:172 Resp: 43310
 Ion Ratio Lower Upper
 172 100
 171 32.4 30.3 45.5
 170 20.7 21.6 32.4#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Acenaphthylene

Concen: 0.00 ng

RT: 14.56 min Scan# 684

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

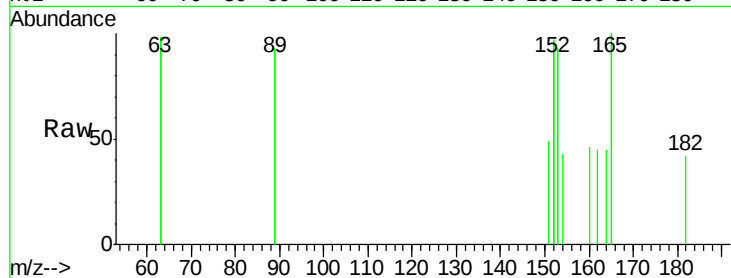
Tgt Ion:152 Resp: 43

Ion Ratio Lower Upper

152 100

151 20.9 4.0 6.0#

153 118.6 9.6 14.4#



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

14.56

200

150

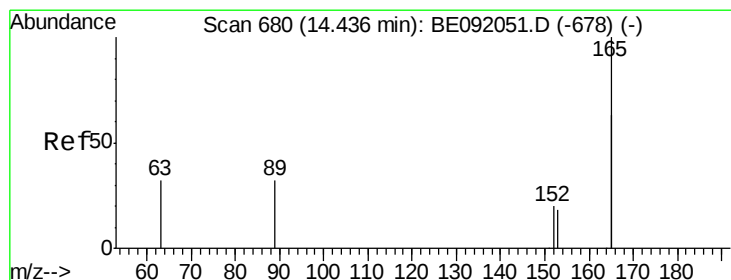
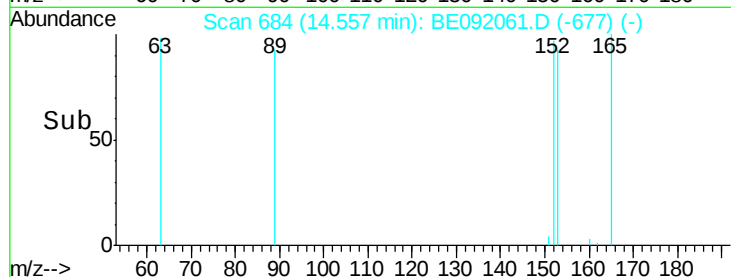
100

50

0

14.50 14.60

Time-->



#19

2,6-Dinitrotoluene

Concen: 0.76 ng

RT: 14.32 min Scan# 676

Delta R.T. -0.12 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

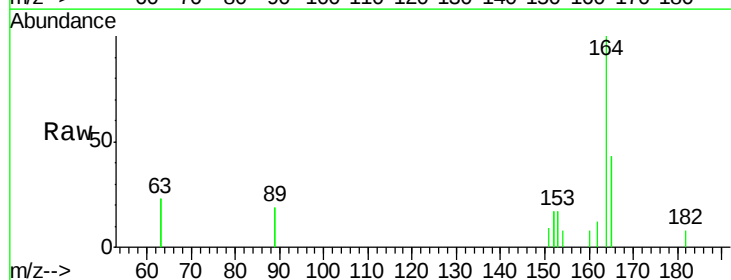
Tgt Ion:165 Resp: 6136

Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

89 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

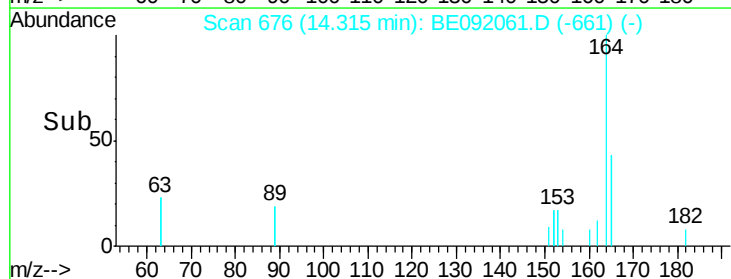
1000

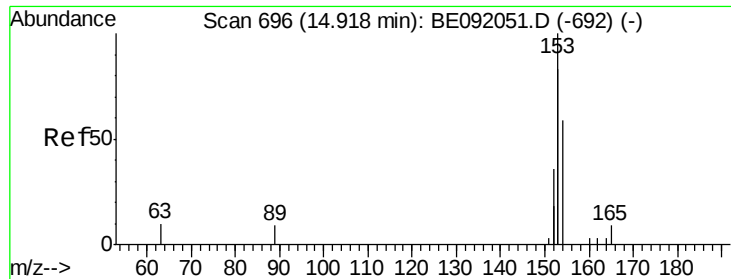
500

0

14.00 14.50

Time-->





#20

Acenaphthene

Concen: 0.02 ng

RT: 14.83 min Scan# 693

Delta R.T. -0.09 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

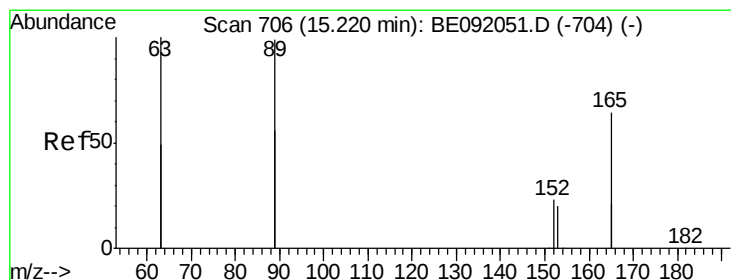
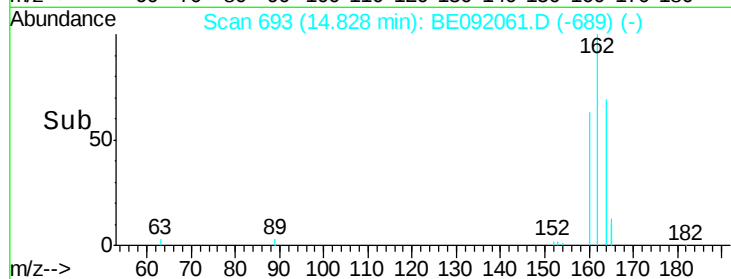
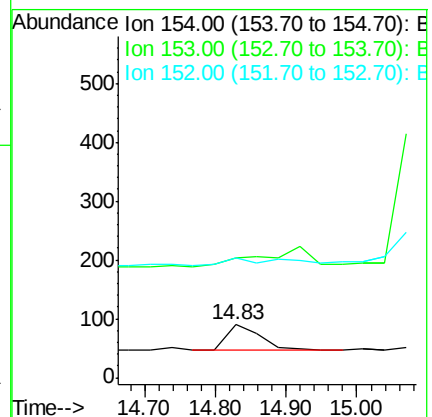
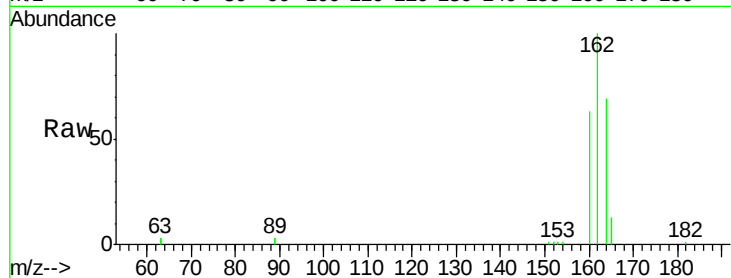
Tgt Ion:154 Resp: 154

Ion Ratio Lower Upper

154 100

153 0.0 345.1 517.7#

152 23.4 0.0 0.0#



#21

2,4-Dinitrotoluene

Concen: 1.52 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.36 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Tgt Ion:165 Resp: 16926

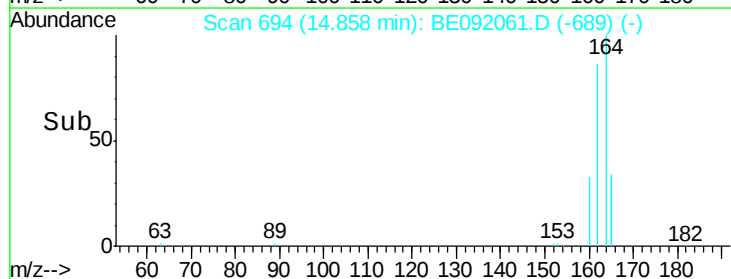
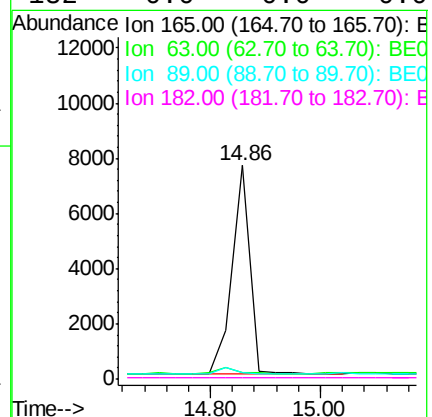
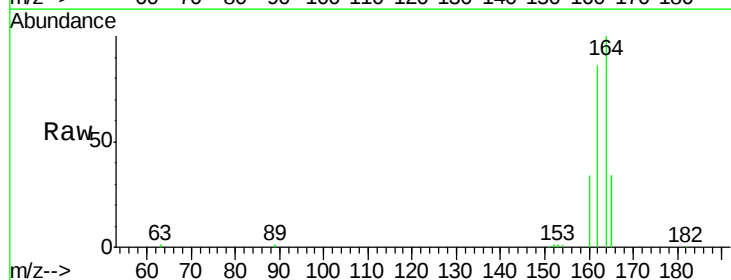
Ion Ratio Lower Upper

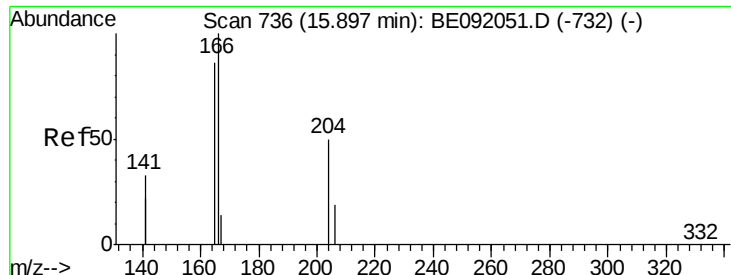
165 100

63 0.0 324.0 486.0#

89 0.0 308.4 462.6#

182 0.0 0.0 0.0





#22

Fluorene

Concen: 0.00 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

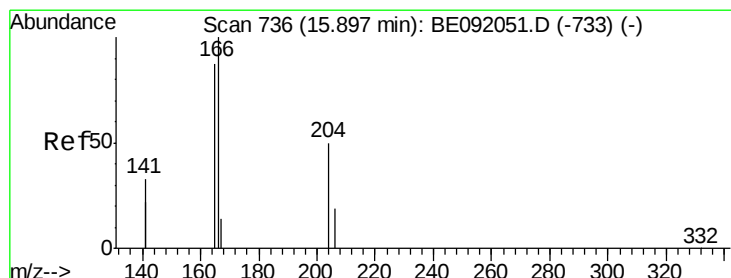
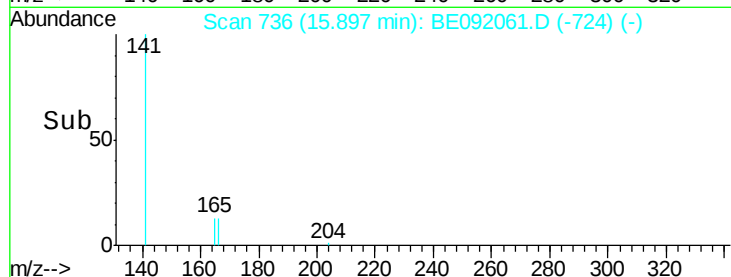
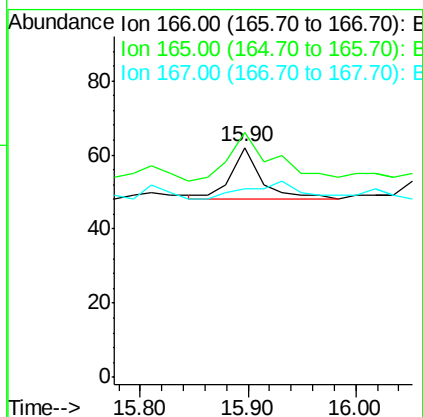
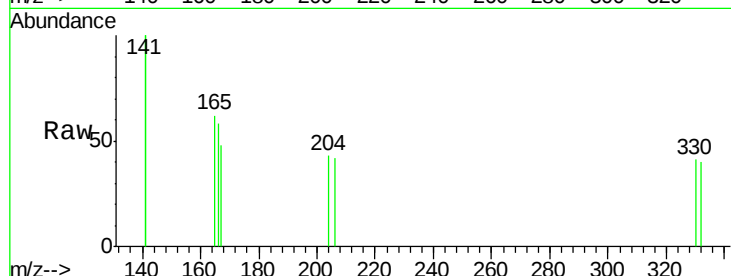
Tgt Ion:166 Resp: 28

Ion Ratio Lower Upper

166 100

165 150.0 78.6 118.0#

167 0.0 11.1 16.7#



#23

4-Chlorophenyl-phenylether

Concen: 0.06 ng

RT: 15.55 min Scan# 716

Delta R.T. -0.35 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

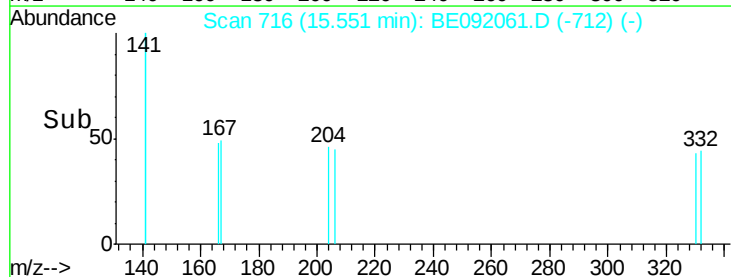
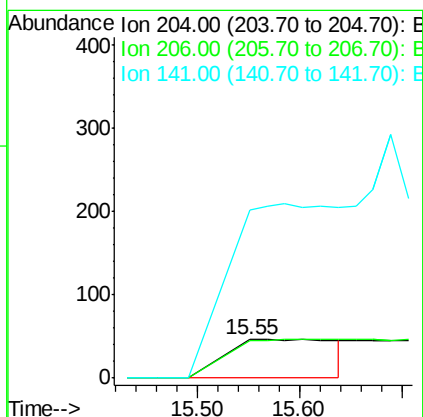
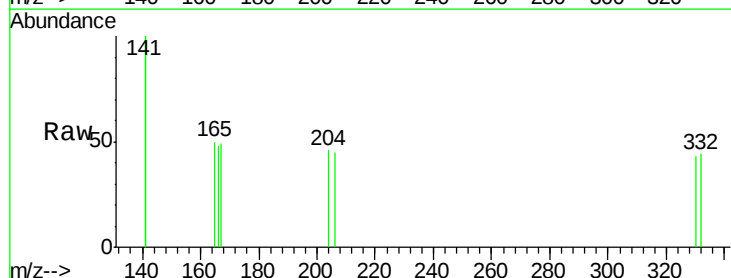
Tgt Ion:204 Resp: 398

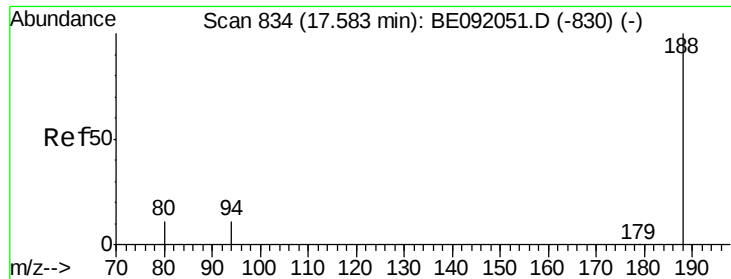
Ion Ratio Lower Upper

204 100

206 0.0 27.0 40.4#

141 0.0 198.5 297.7#

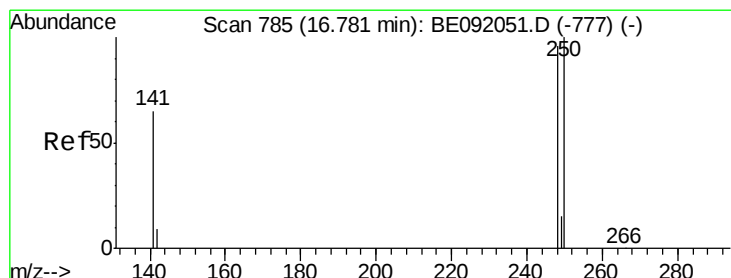
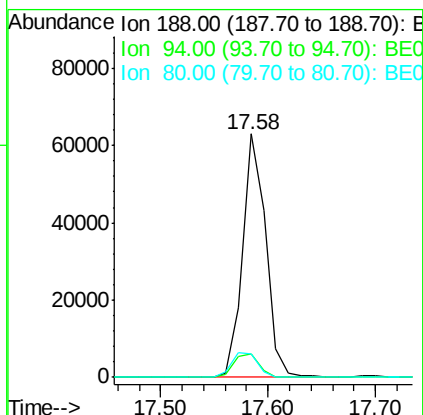
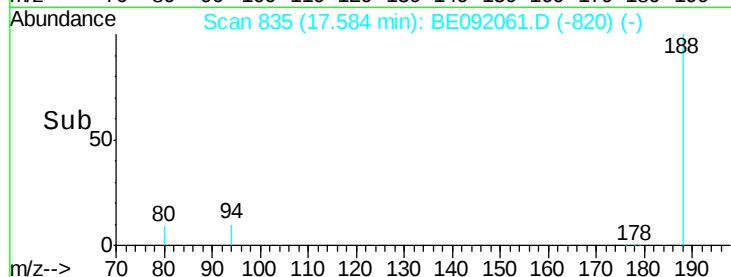
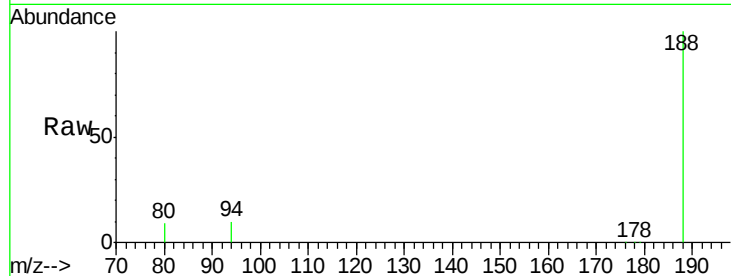




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092061.D
Acq: 27 Jul 2016 17:46

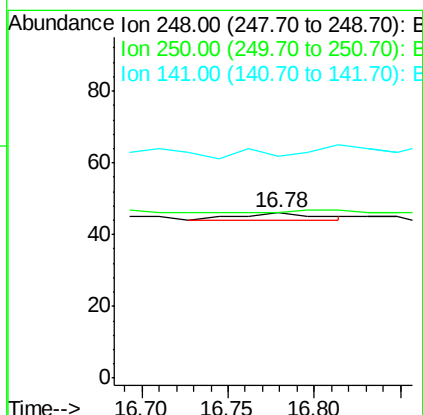
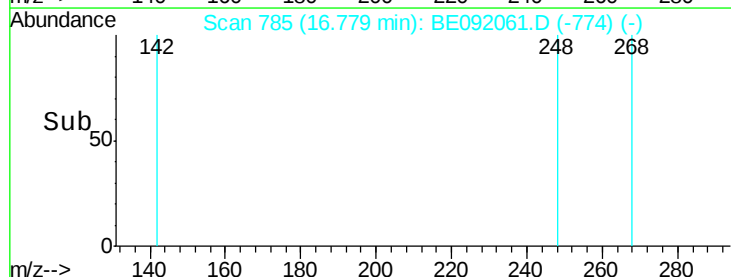
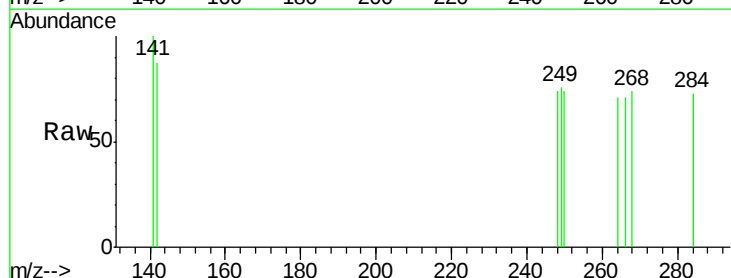
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-1600719

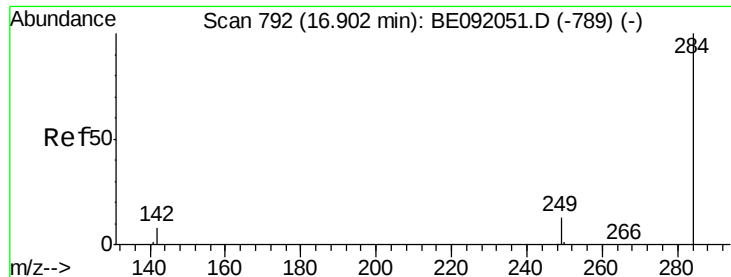
Tgt Ion:188 Resp: 93746
Ion Ratio Lower Upper
188 100
94 9.6 3.9 5.9#
80 9.4 3.4 5.0#



#25
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092061.D
Acq: 27 Jul 2016 17:46

Tgt Ion:248 Resp: 6
Ion Ratio Lower Upper
248 100
250 33.3 79.6 119.4#
141 0.0 68.7 103.1#

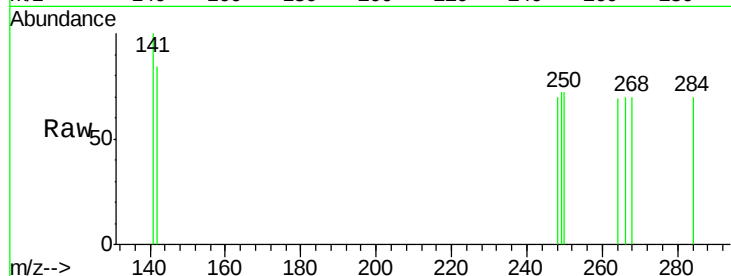




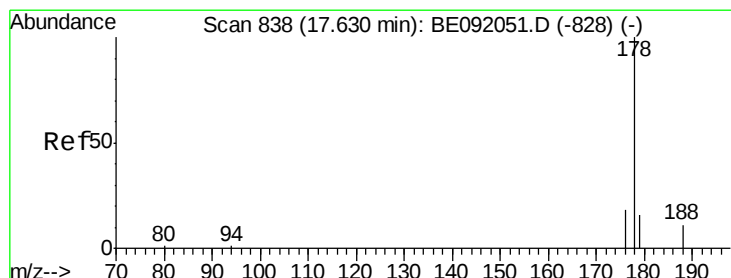
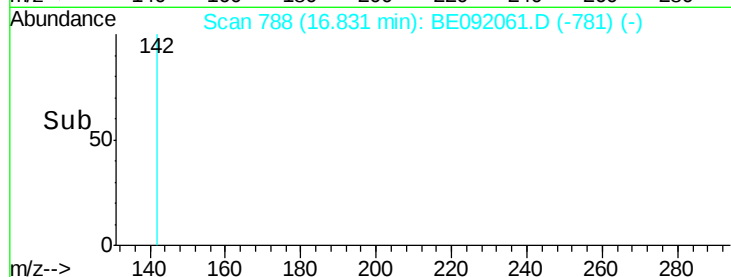
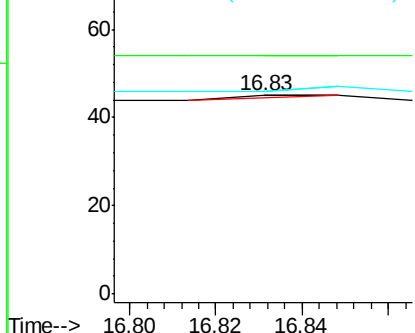
#26
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.83 min Scan# 788
Delta R.T. -0.07 min
Lab File: BE092061.D
Acq: 27 Jul 2016 17:46

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-1600719

Tgt Ion: 284 Resp: 1
Ion Ratio Lower Upper
284 100
142 0.0 33.3 49.9#
249 0.0 25.4 38.0#

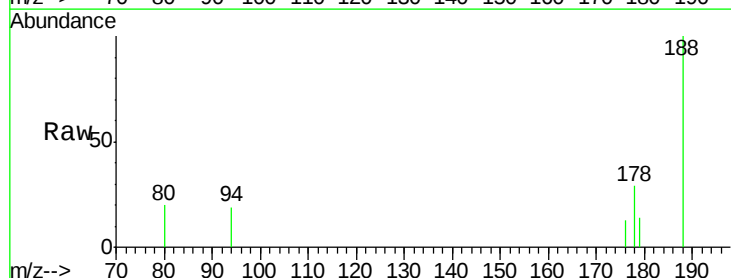


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

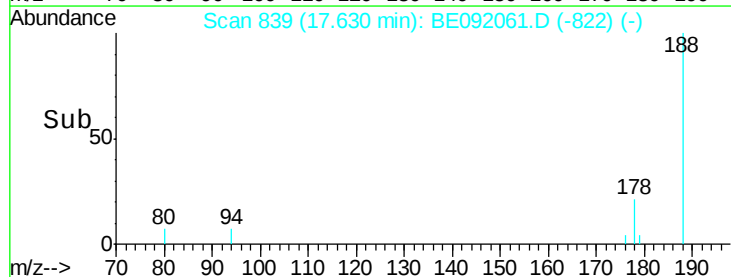
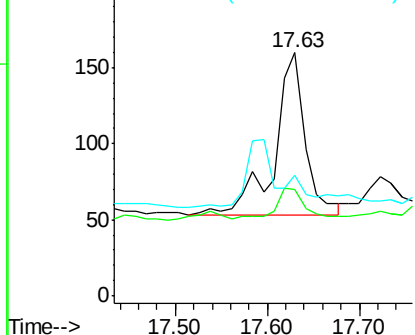


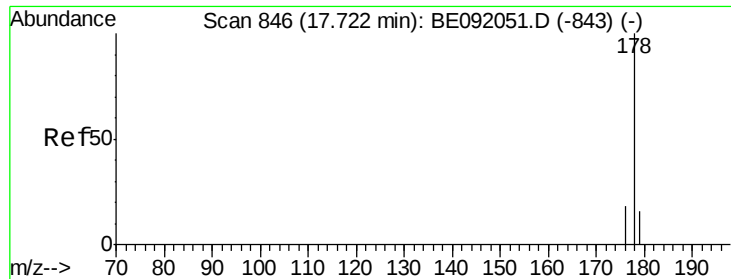
#28
Phenanthrene
Concen: 0.01 ng
RT: 17.63 min Scan# 839
Delta R.T. 0.00 min
Lab File: BE092061.D
Acq: 27 Jul 2016 17:46

Tgt Ion: 178 Resp: 253
Ion Ratio Lower Upper
178 100
176 13.0 15.4 23.0#
179 0.0 12.7 19.1#



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





#29

Anthracene

Concen: 0.00 ng

RT: 17.72 min Scan# 847

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

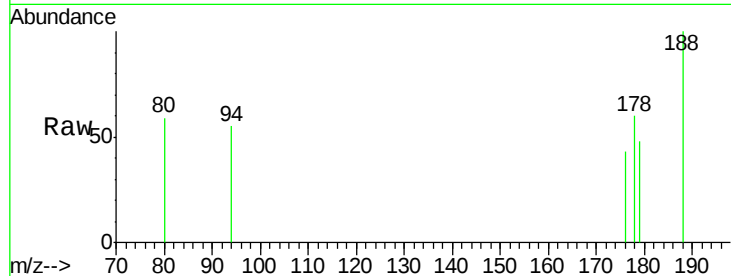
Tgt Ion:178 Resp: 33

Ion Ratio Lower Upper

178 100

176 21.2 15.2 22.8

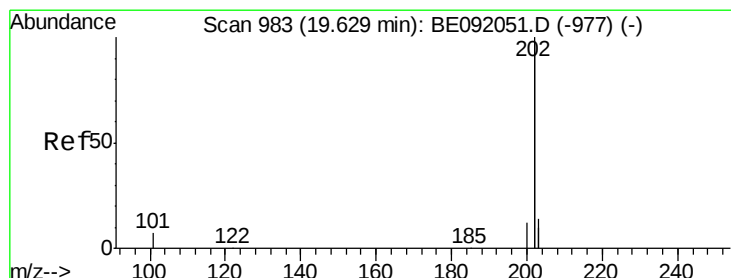
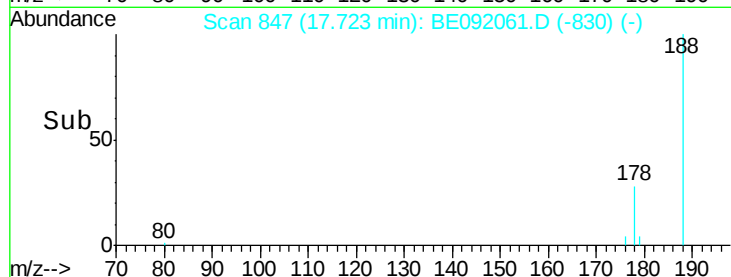
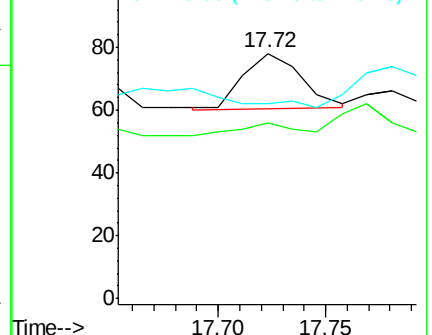
179 0.0 12.2 18.4#



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



#30

Fluoranthene

Concen: 0.01 ng

RT: 19.63 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

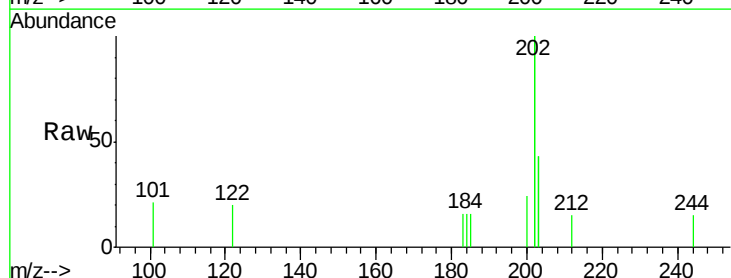
Tgt Ion:202 Resp: 929

Ion Ratio Lower Upper

202 100

101 3.7 2.2 3.2#

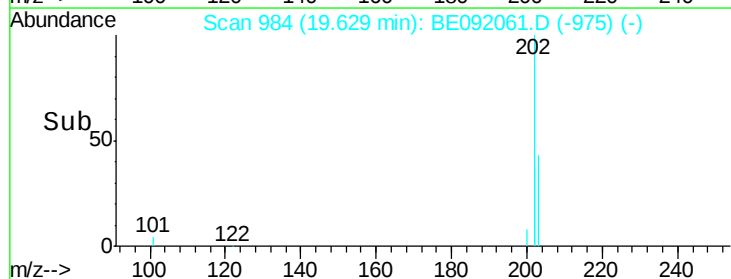
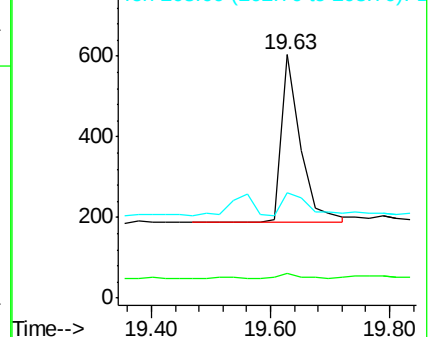
203 17.7 13.0 19.4

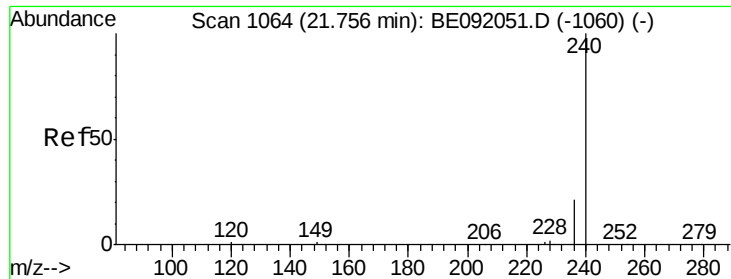


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

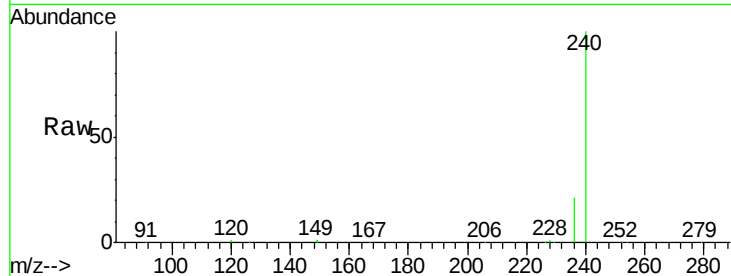
Tgt Ion:240 Resp: 81368

Ion Ratio Lower Upper

240 100

120 0.8 0.6 1.0

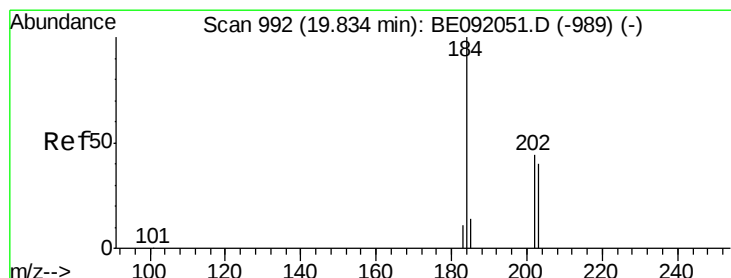
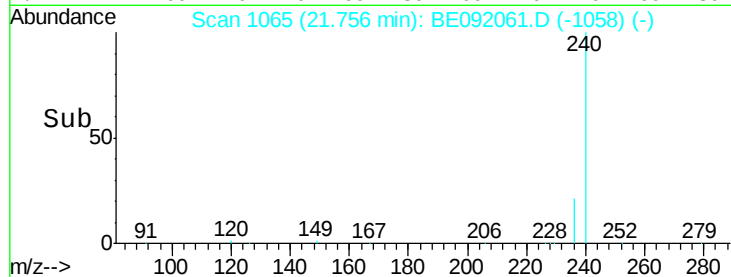
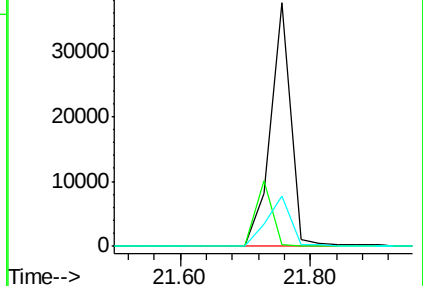
236 20.9 18.2 27.4



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



#32

Benzidine

Concen: 0.39 ng

RT: 20.20 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

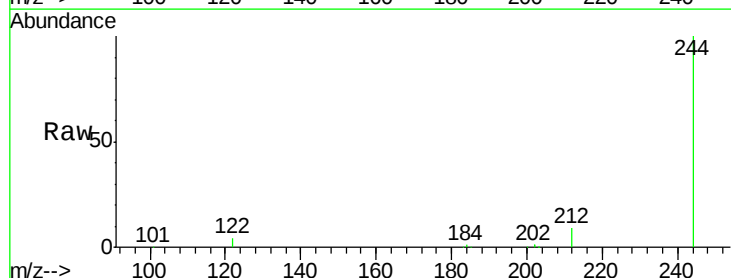
Tgt Ion:184 Resp: 1193

Ion Ratio Lower Upper

184 100

185 29.4 23.8 35.6

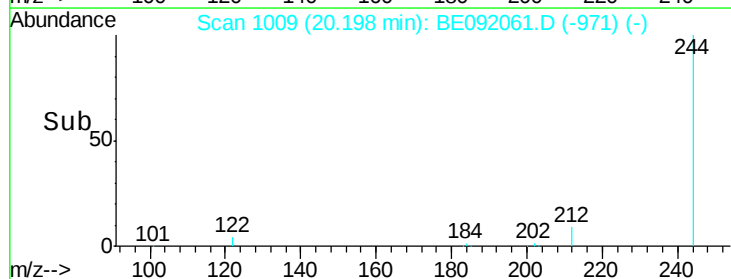
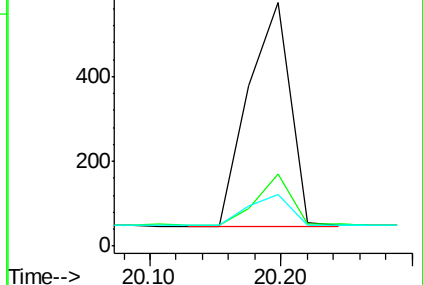
183 21.1 20.7 31.1

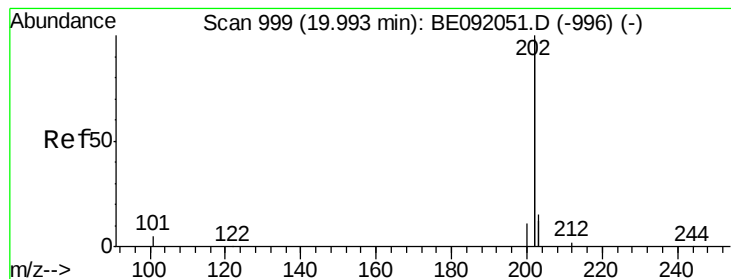


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 0.01 ng

RT: 19.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

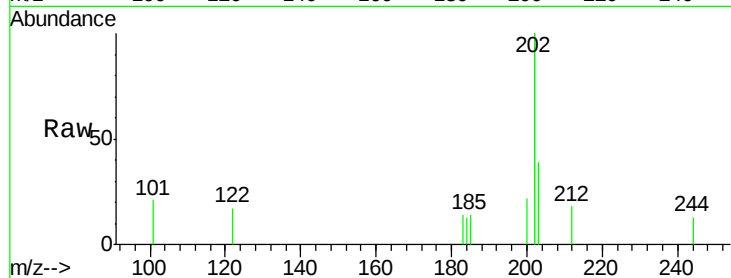
Tgt Ion:202 Resp: 1074

Ion Ratio Lower Upper

202 100

200 6.5 4.4 6.6

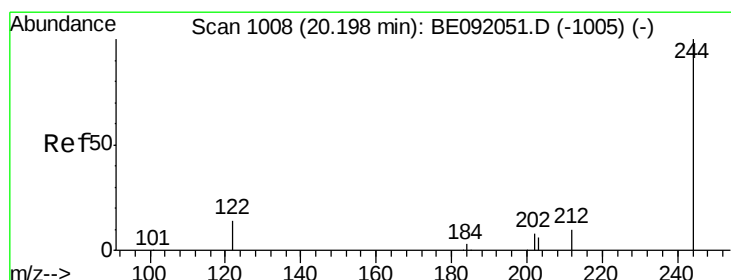
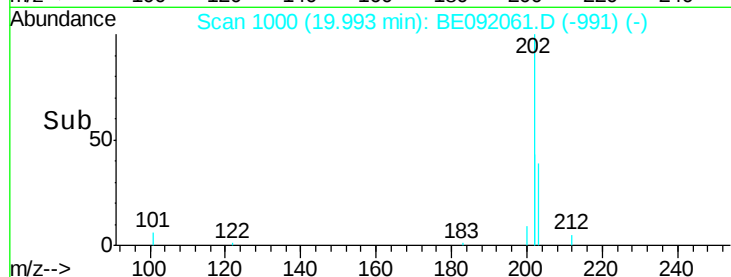
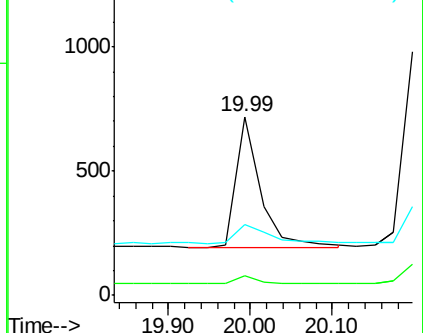
203 19.1 13.4 20.0



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



#34

Terphenyl-d14

Concen: 5.20 ng

RT: 20.20 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

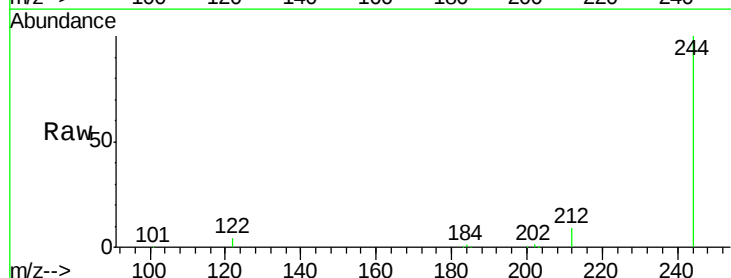
Tgt Ion:244 Resp: 78816

Ion Ratio Lower Upper

244 100

212 9.2 9.1 13.7

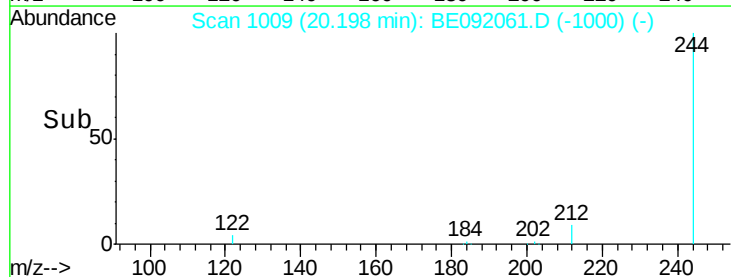
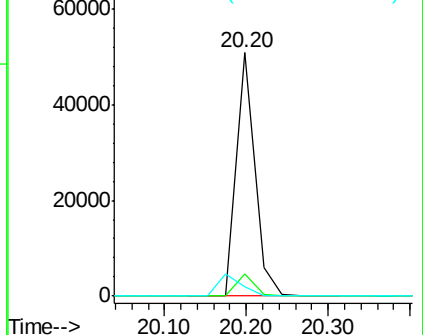
122 3.9 11.0 16.4#

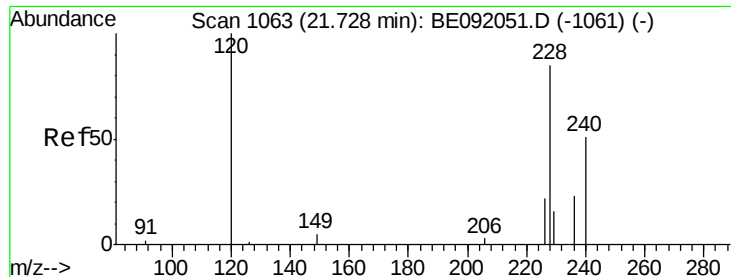


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.06 ng

RT: 21.79 min Scan# 1066

Delta R.T. 0.06 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

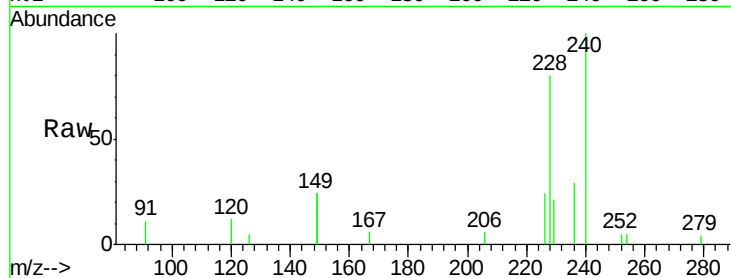
Tgt Ion:228 Resp: 3105

Ion Ratio Lower Upper

228 100

226 30.2 22.1 33.1

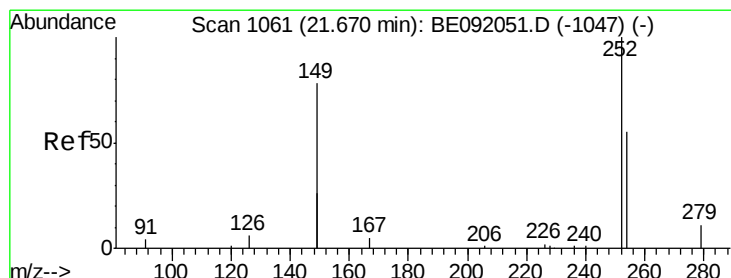
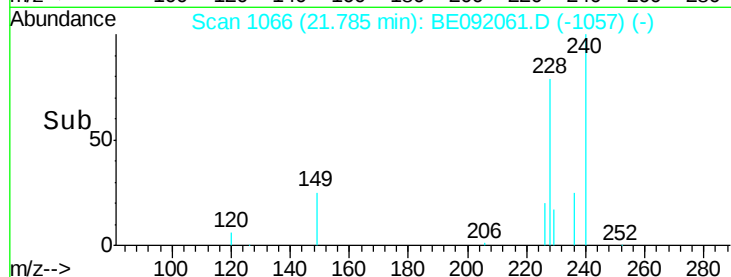
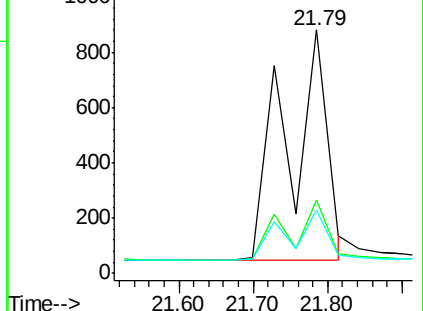
229 26.0 15.1 22.7#



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



#36

3,3'-Dichlorobenzidine

Concen: 0.27 ng

RT: 21.70 min Scan# 1063

Delta R.T. 0.03 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

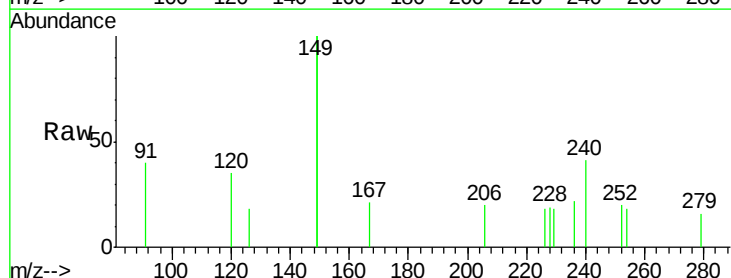
Tgt Ion:252 Resp: 72

Ion Ratio Lower Upper

252 100

254 88.1 44.2 66.2#

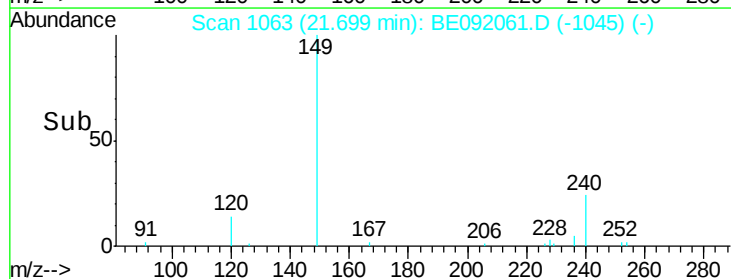
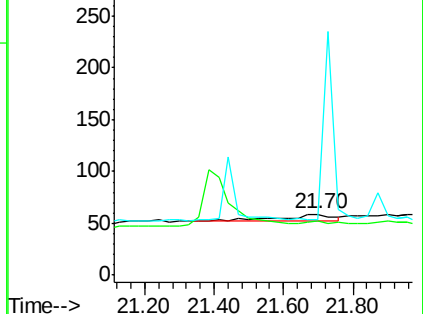
126 91.5 10.6 15.8#

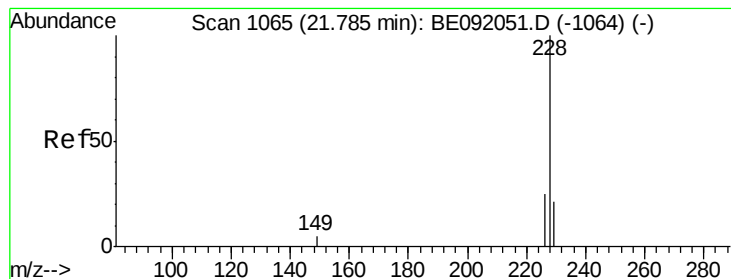


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: Below Cal

RT: 21.79 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

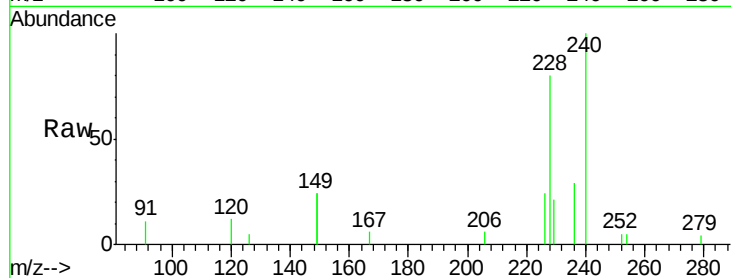
Tgt Ion:228 Resp: 3193

Ion Ratio Lower Upper

228 100

226 30.2 22.3 33.5

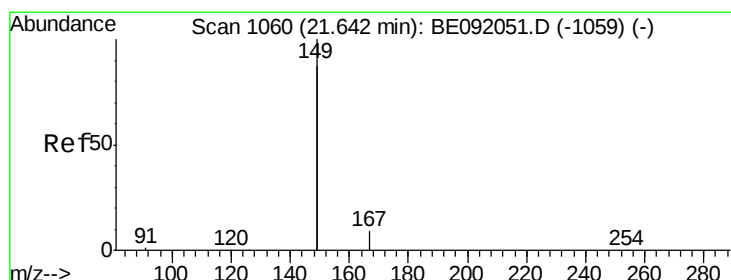
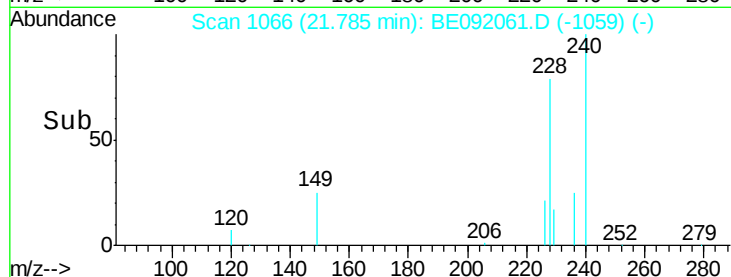
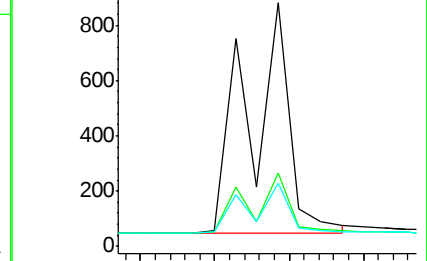
229 26.0 16.9 25.3#



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

RT: 21.64 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

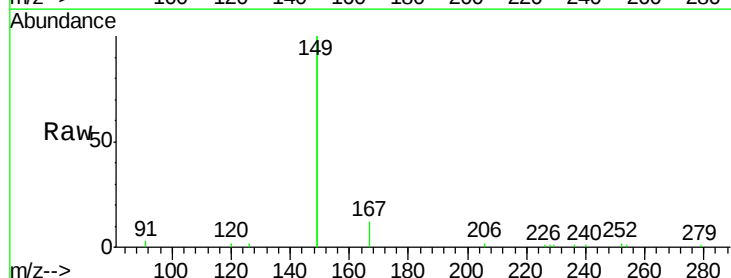
Tgt Ion:149 Resp: 11843

Ion Ratio Lower Upper

149 100

167 5.5 3.8 5.6

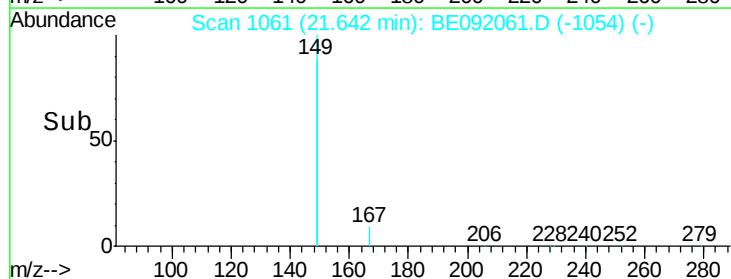
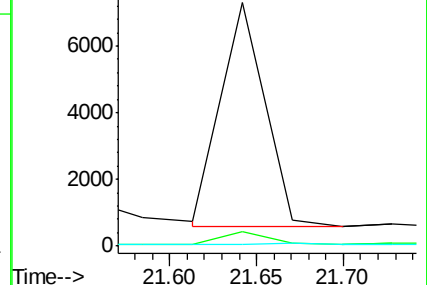
279 0.0 0.0 0.0

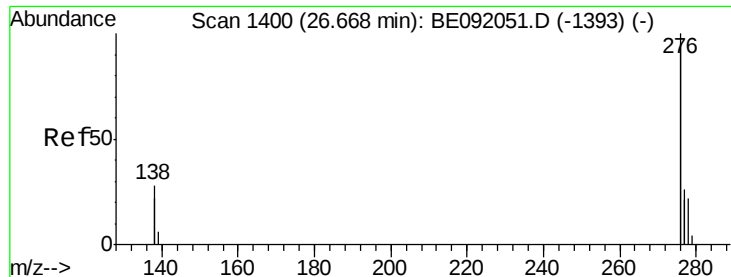


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 26.69 min Scan# 1402

Delta R.T. 0.02 min

Lab File: BE092061.D

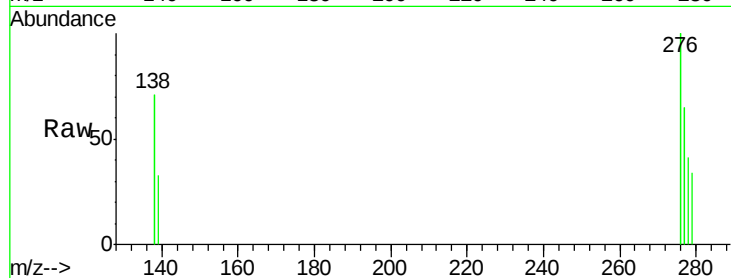
Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719



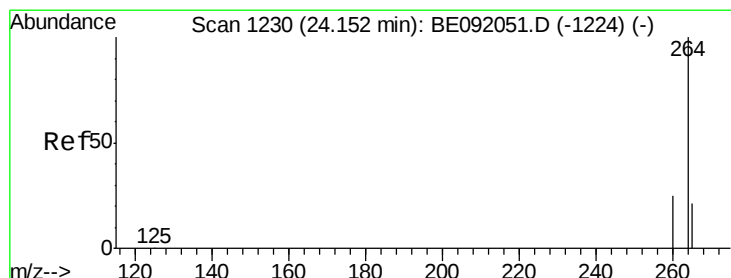
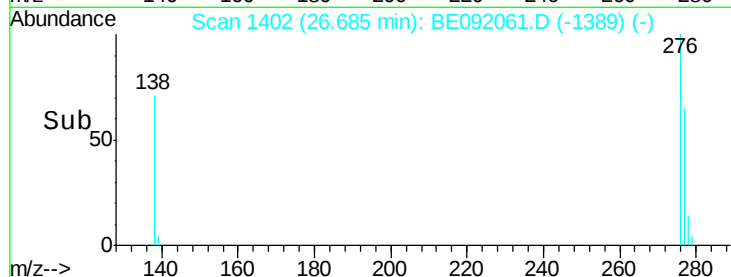
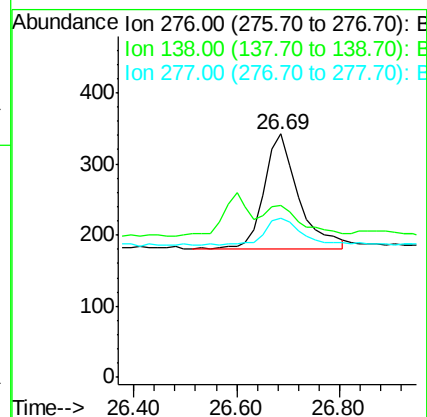
Tgt Ion: 276 Resp: 757

Ion Ratio Lower Upper

276 100

138 25.0 21.2 31.8

277 24.3 19.8 29.8



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.15 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

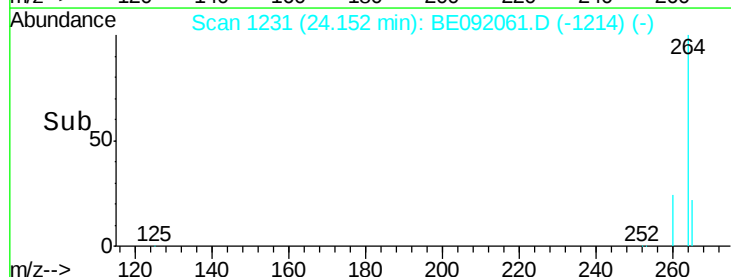
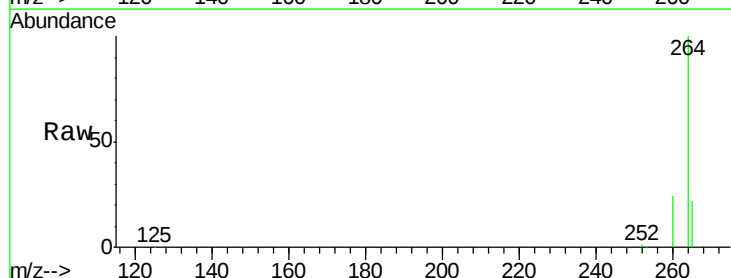
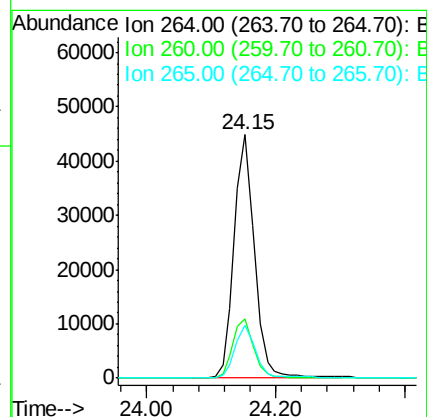
Tgt Ion: 264 Resp: 97552

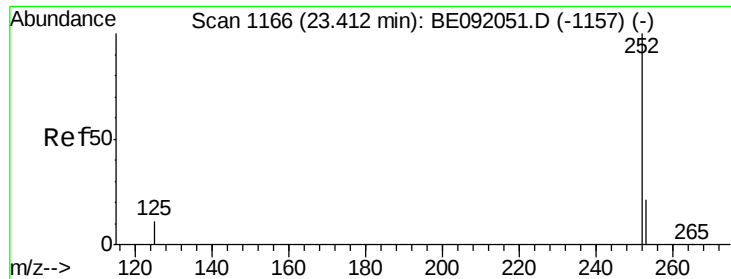
Ion Ratio Lower Upper

264 100

260 24.4 20.8 31.2

265 21.9 16.6 25.0





#41

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 23.41 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

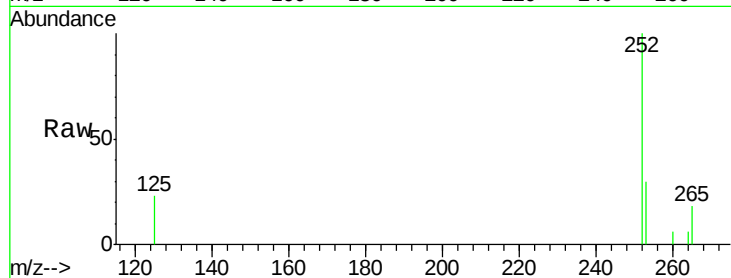
Tgt Ion:252 Resp: 1439

Ion Ratio Lower Upper

252 100

253 30.4 17.4 26.0#

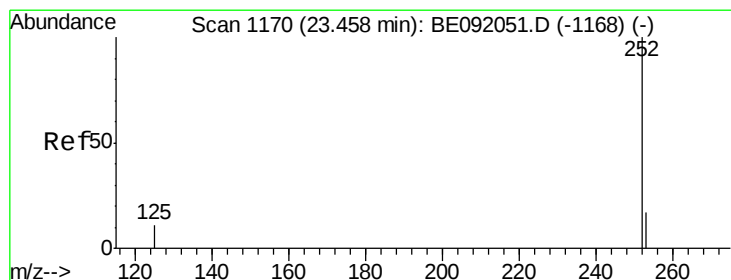
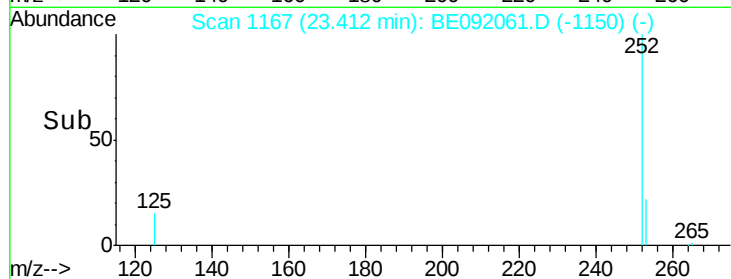
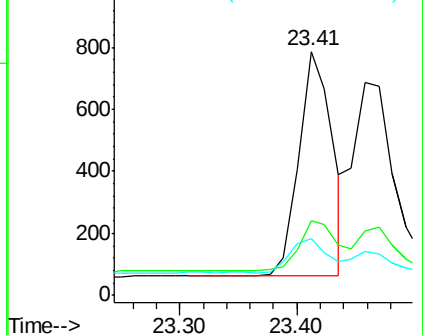
125 23.4 10.2 15.2#



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: 0.01 ng

RT: 23.46 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

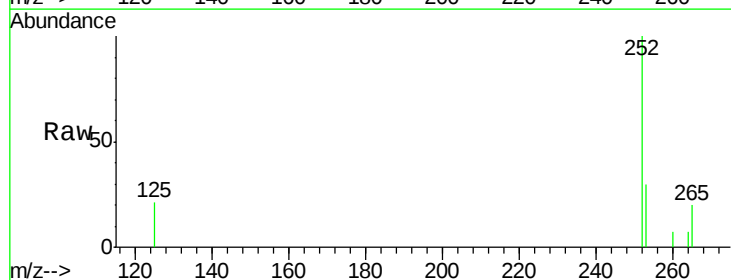
Tgt Ion:252 Resp: 1577

Ion Ratio Lower Upper

252 100

253 30.3 19.4 29.0#

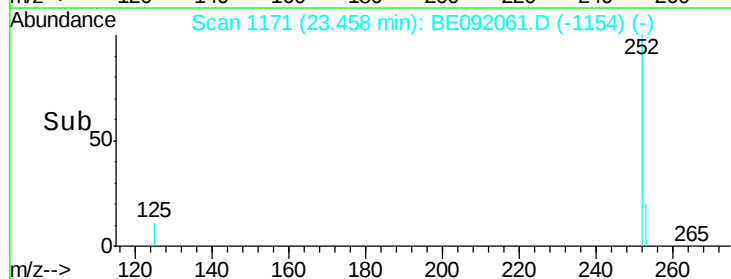
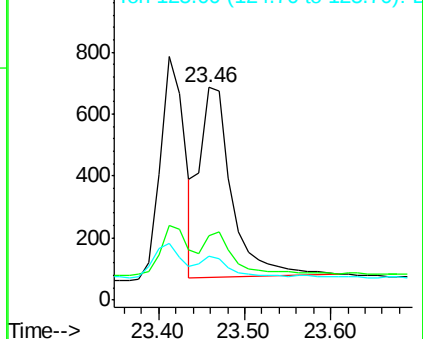
125 20.8 8.9 13.3#

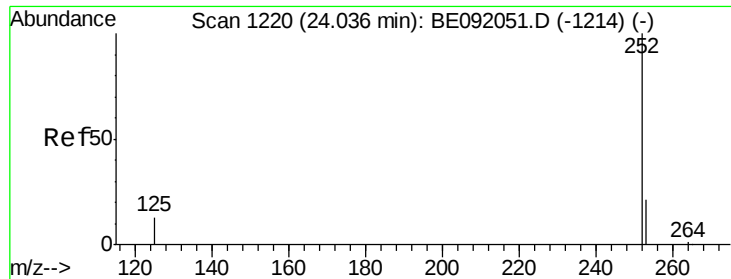


Abundance Ion 252.00 (251.70 to 252.70): E

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: 24.04 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

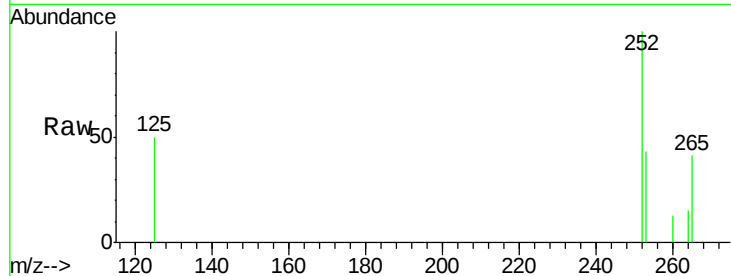
Tgt Ion: 252 Resp: 669

Ion Ratio Lower Upper

252 100

253 43.4 19.8 29.8#

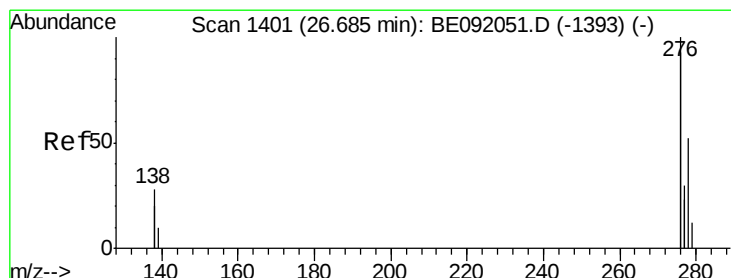
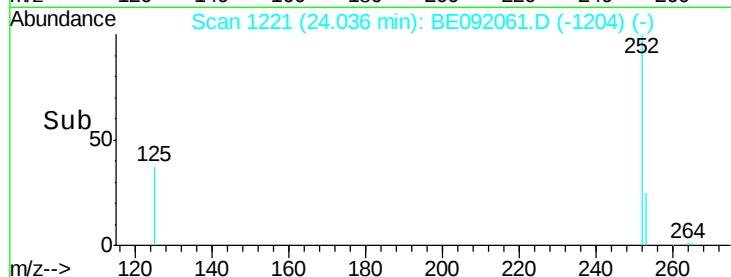
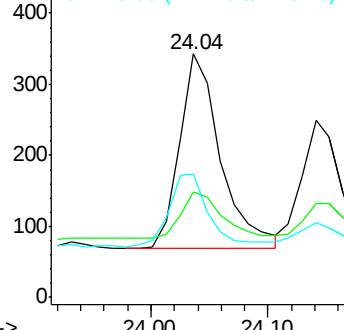
125 50.4 10.4 15.6#



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



#44

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 26.70 min Scan# 1403

Delta R.T. 0.02 min

Lab File: BE092061.D

Acq: 27 Jul 2016 17:46

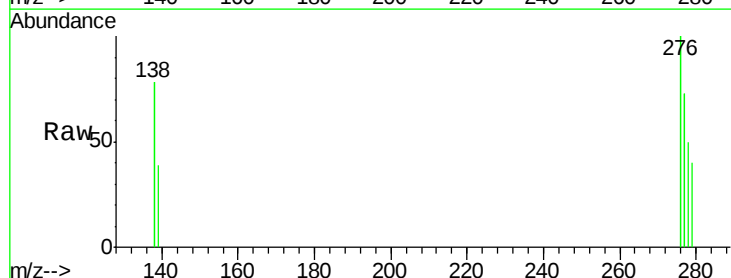
Tgt Ion: 278 Resp: 147

Ion Ratio Lower Upper

278 100

139 77.3 16.7 25.1#

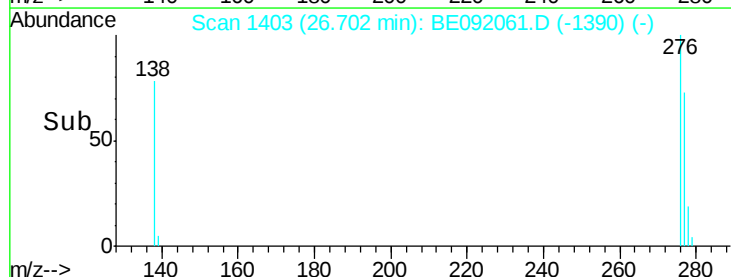
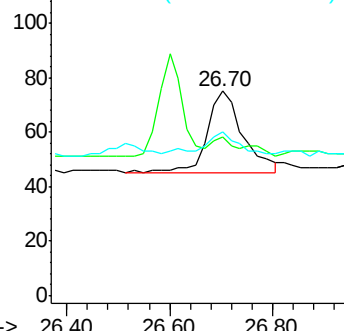
279 80.0 20.3 30.5#

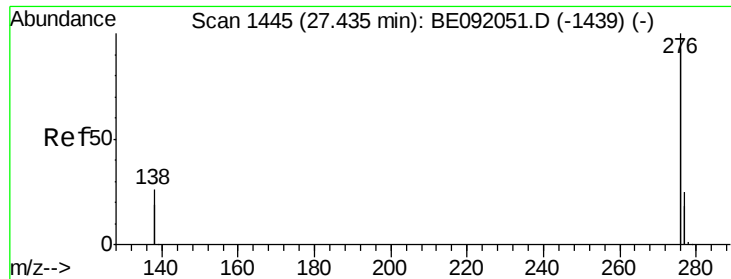


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.01 ng

RT: 27.45 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BE092061.D

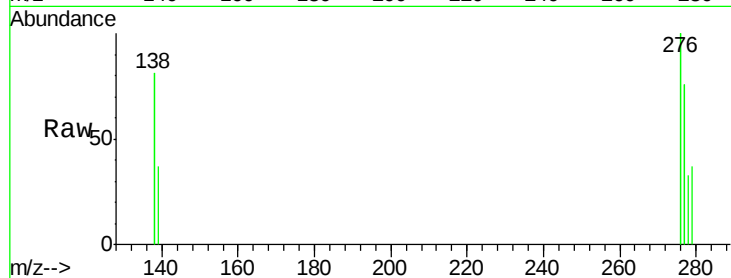
Acq: 27 Jul 2016 17:46

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719



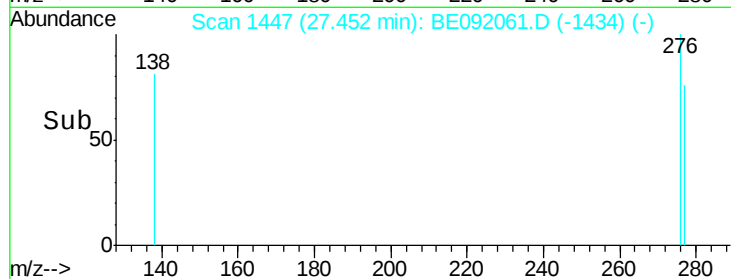
Tgt Ion: 276 Resp: 462

Ion Ratio Lower Upper

276 100

277 76.3 19.5 29.3#

138 80.6 20.8 31.2#



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

