

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050316\
 Data File : BE091741.D
 Acq On : 3 May 2016 12:59
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 04 01:03:25 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	45014	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	203104	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	116847	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	301418	5.00	ng	0.00
26) Chrysene-d12	21.31	240	324936	5.00	ng	0.00
35) Perylene-d12	23.75	264	343740	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3793	0.34	ng	0.00
5) Phenol-d6	6.97	99	4814	0.33	ng	0.02
8) Nitrobenzene-d5	8.96	82	4205	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.90	330	1057	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	13090	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	21178	0.42	ng	0.00

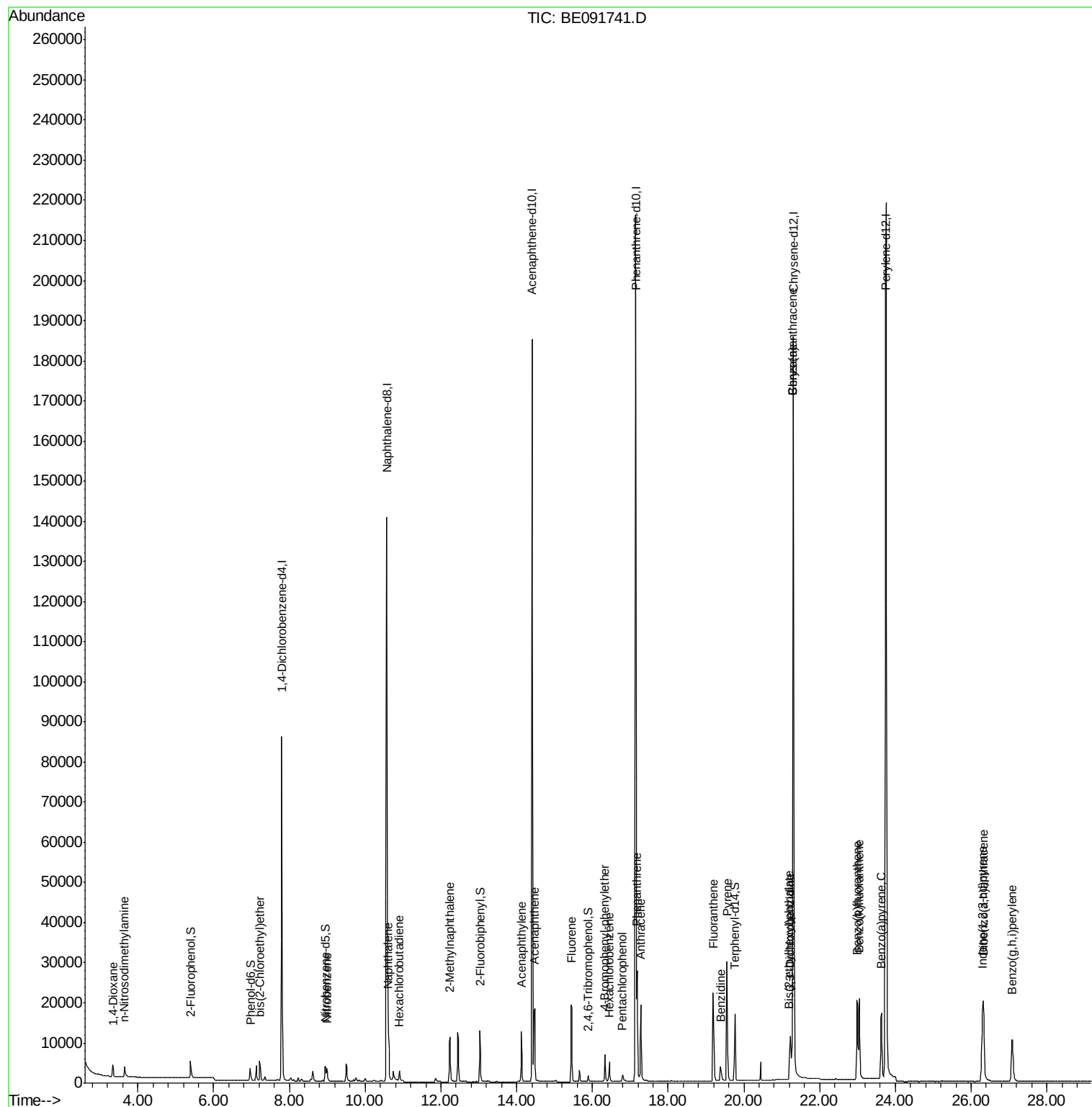
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2162	0.32	ng	# 94
3) n-Nitrosodimethylamine	3.64	42	2689	0.33	ng	# 88
6) bis(2-Chloroethyl)ether	7.21	93	4828	0.37	ng	# 80
9) Nitrobenzene	8.99	77	4286	0.31	ng	96
10) Naphthalene	10.61	128	16537	0.40	ng	97
11) Hexachlorobutadiene	10.90	225	3070	0.51	ng	90
12) 2-Methylnaphthalene	12.24	142	10136	0.38	ng	93
16) Acenaphthylene	14.12	152	17103	0.38	ng	# 77
17) Acenaphthene	14.47	154	11153	0.38	ng	85
18) Fluorene	15.46	166	14132	0.39	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	4200	0.39	ng	93
21) Hexachlorobenzene	16.45	284	4385	0.40	ng	99
22) Pentachlorophenol	16.79	266	1576	0.36	ng	91
23) Phenanthrene	17.18	178	27817	0.41	ng	99
24) Anthracene	17.27	178	23442	0.38	ng	99
25) Fluoranthene	19.19	202	27562	0.38	ng	# 97
27) Benzidine	19.38	184	7950	0.46	ng	# 78
28) Pyrene	19.55	202	31027	0.42	ng	99
30) Benzo(a)anthracene	21.29	228	30454	0.38	ng	92
31) 3,3'-Dichlorobenzidine	21.22	252	14065	0.35	ng	# 83
32) Chrysene	21.29	228	30455	0.37	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.20	149	8130	0.34	ng	# 87
34) Indeno(1,2,3-cd)pyrene	26.29	276	33137	0.45	ng	96
36) Benzo(b)fluoranthene	22.99	252	33236	0.41	ng	100
37) Benzo(k)fluoranthene	23.04	252	28290	0.35	ng	96
38) Benzo(a)pyrene	23.63	252	28312	0.37	ng	97
39) Dibenzo(a,h)anthracene	26.32	278	27120	0.38	ng	96
40) Benzo(g,h,i)perylene	27.09	276	27218	0.37	ng	94

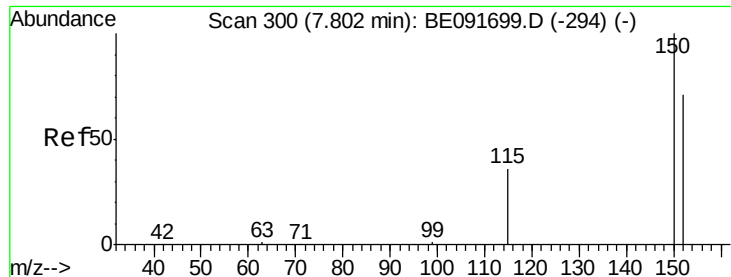
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050316\
Data File : BE091741.D
Acq On : 3 May 2016 12:59
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 04 01:03:25 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

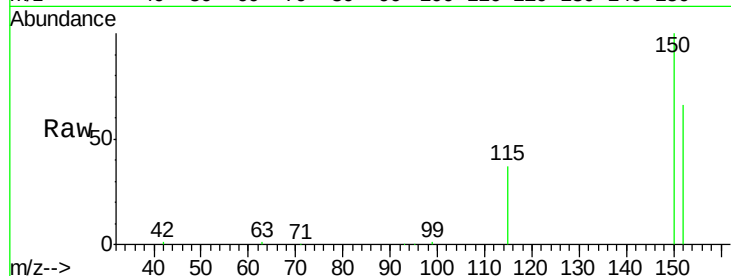
Tgt Ion:152 Resp: 45014

Ion Ratio Lower Upper

152 100

150 151.8 122.6 183.8

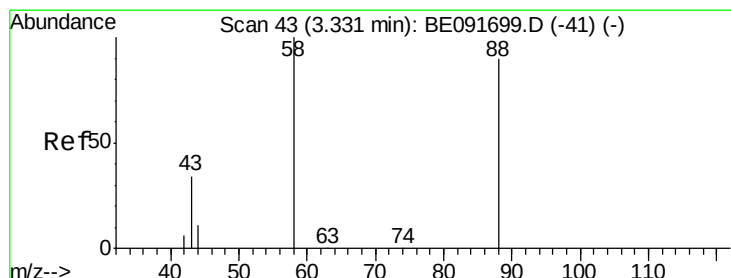
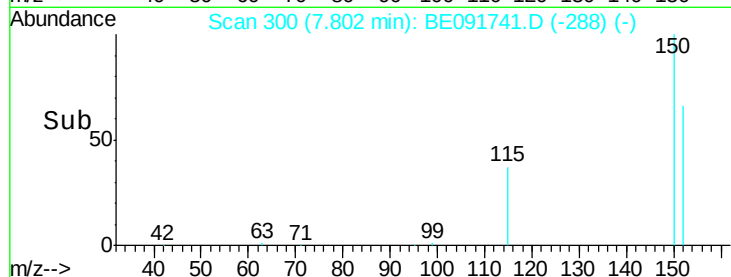
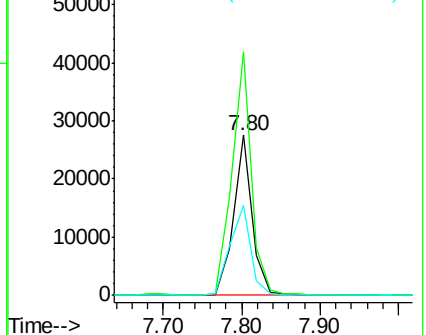
115 56.3 52.8 79.2



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: 0.32 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

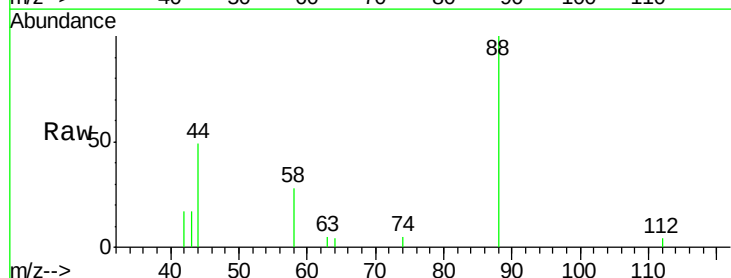
Tgt Ion: 88 Resp: 2162

Ion Ratio Lower Upper

88 100

58 86.2 65.8 98.6

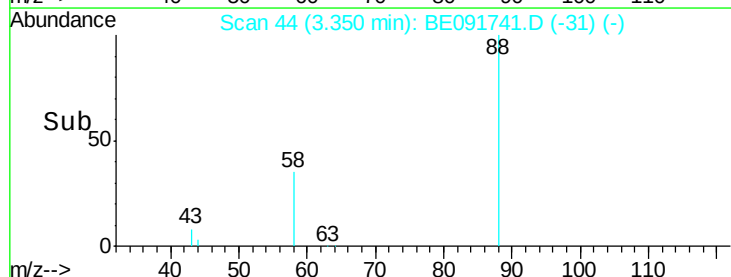
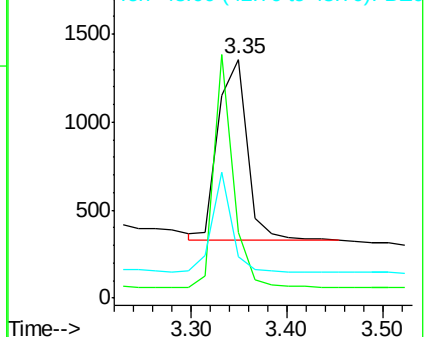
43 38.0 25.3 37.9#

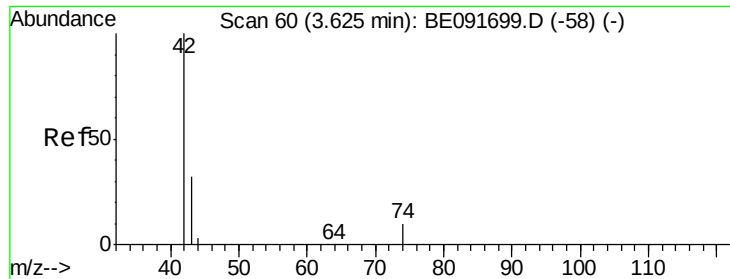


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.33 ng

RT: 3.64 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

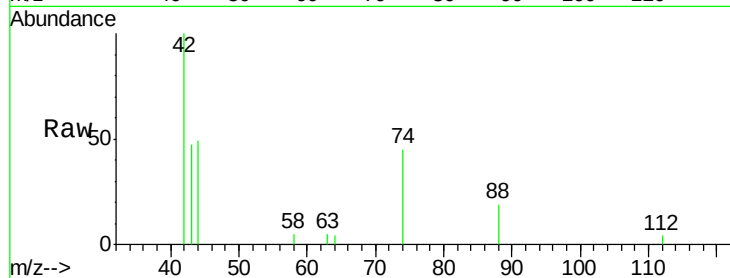
Tgt Ion: 42 Resp: 2689

Ion Ratio Lower Upper

42 100

74 97.2 87.9 131.9

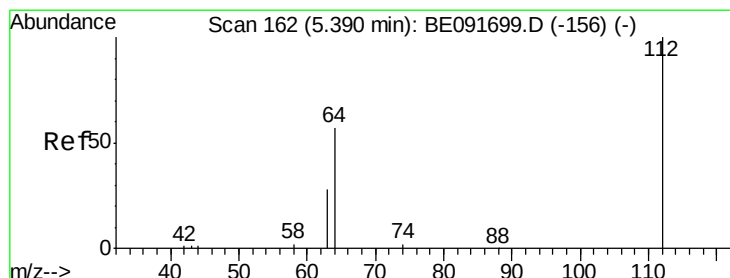
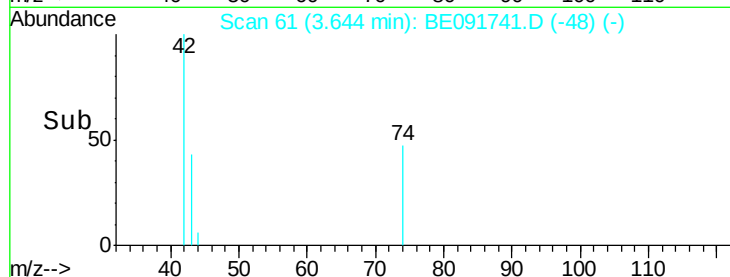
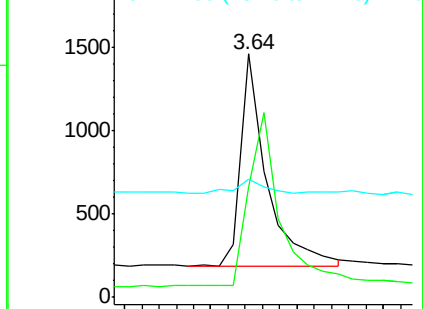
44 6.3 6.6 9.8#



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: 0.34 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

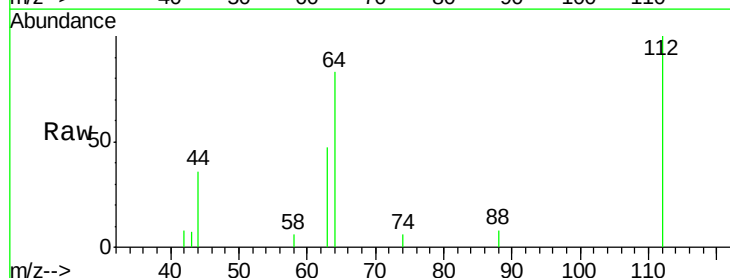
Tgt Ion: 112 Resp: 3793

Ion Ratio Lower Upper

112 100

64 67.7 30.9 46.3#

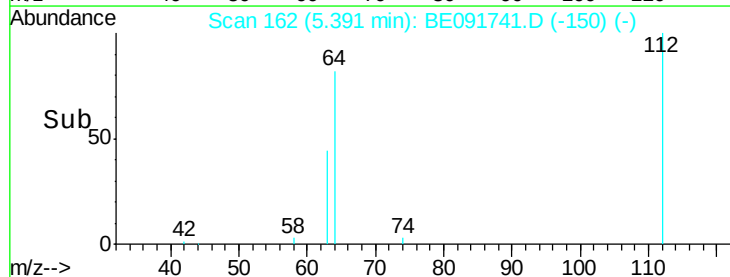
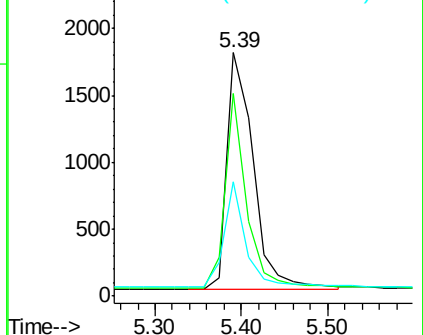
63 37.0 16.7 25.1#

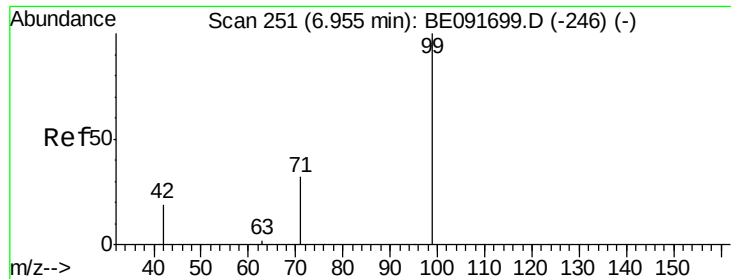


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.33 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.02 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

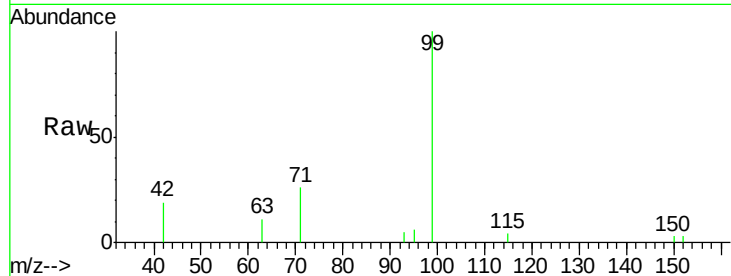
Tgt Ion: 99 Resp: 4814

Ion Ratio Lower Upper

99 100

42 27.4 16.2 24.2#

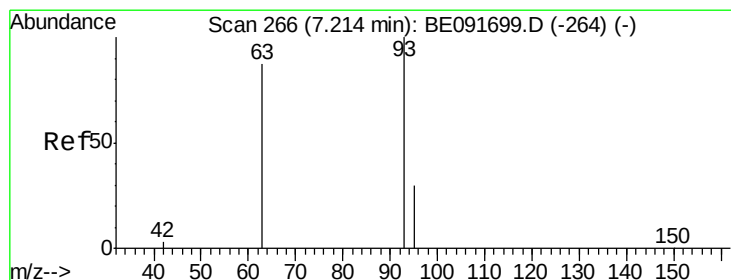
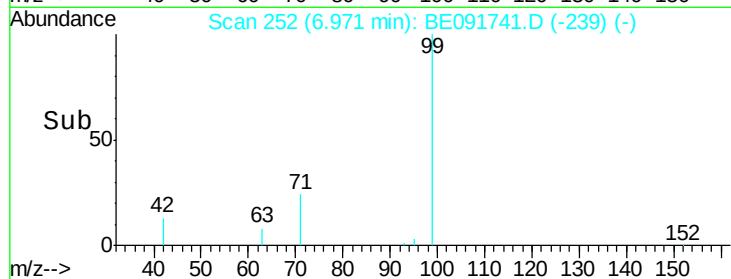
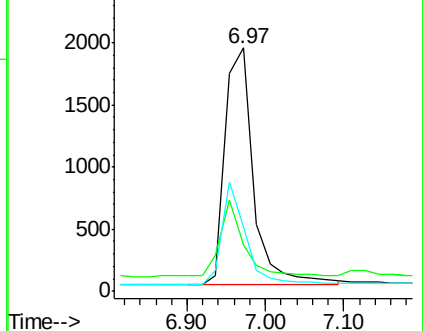
71 35.4 29.0 43.4



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: 0.37 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

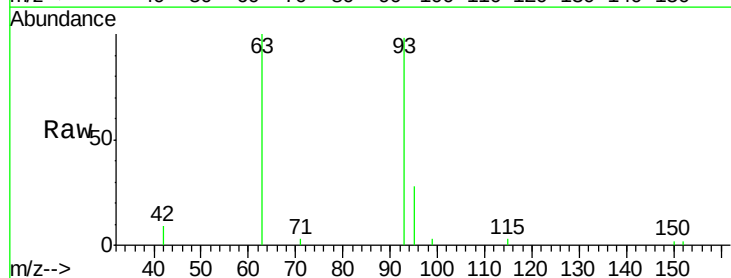
Tgt Ion: 93 Resp: 4828

Ion Ratio Lower Upper

93 100

63 81.7 49.5 74.3#

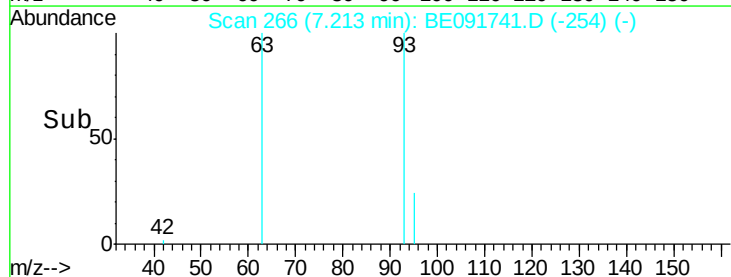
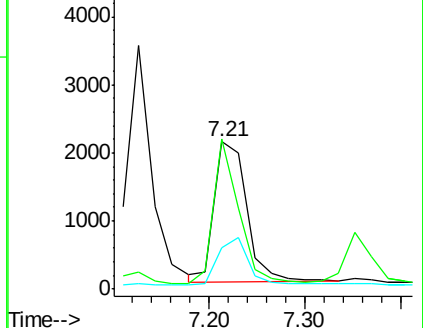
95 31.9 22.2 33.4

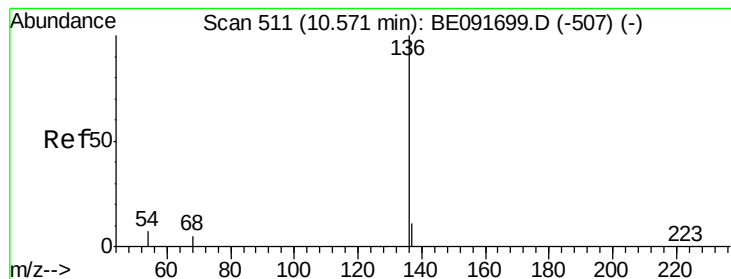


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 203104

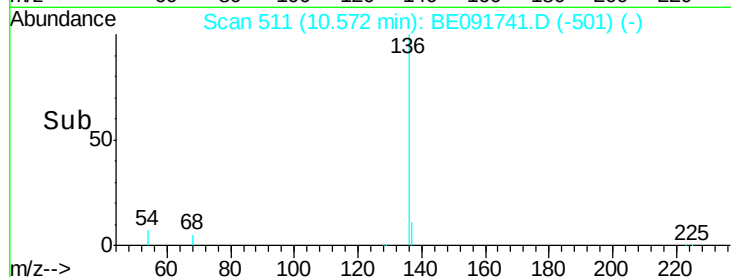
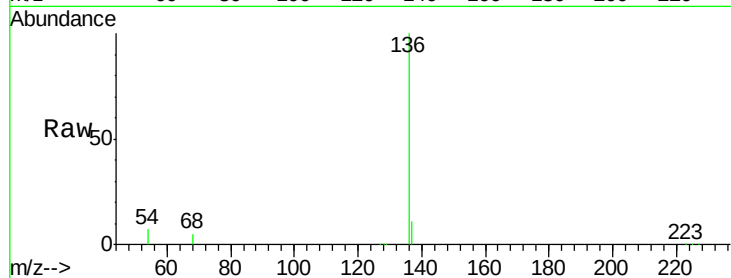
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.8 8.2 12.4#

68 5.0 6.2 9.4#

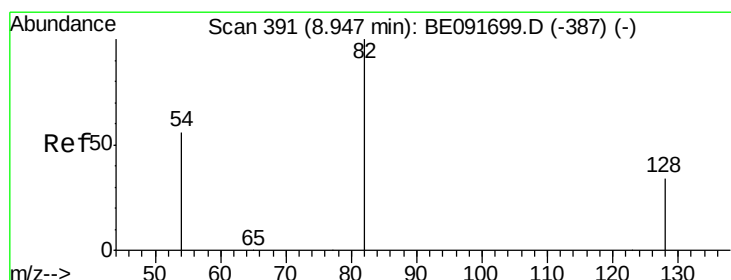
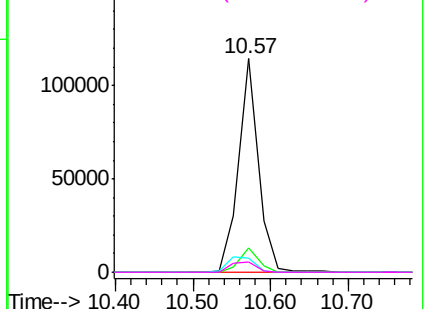


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.32 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.01 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

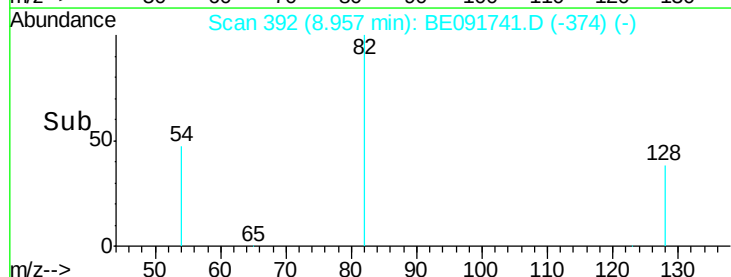
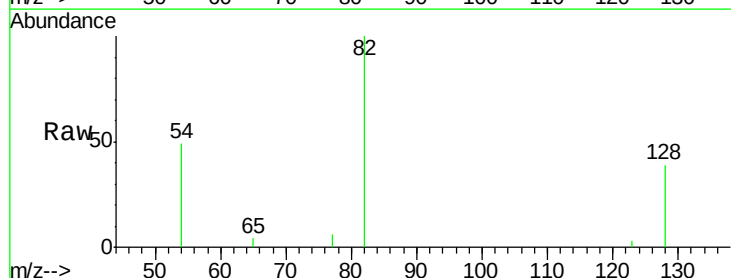
Tgt Ion: 82 Resp: 4205

Ion Ratio Lower Upper

82 100

128 39.5 25.4 38.0#

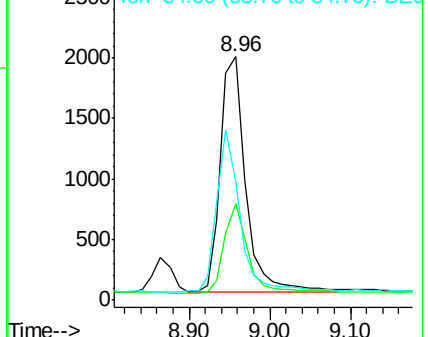
54 48.7 48.4 72.6

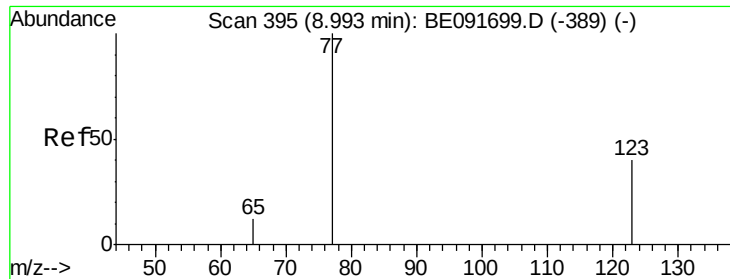


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.31 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

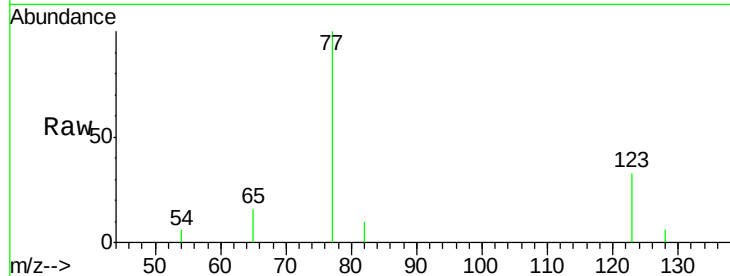
Tgt Ion: 77 Resp: 4286

Ion Ratio Lower Upper

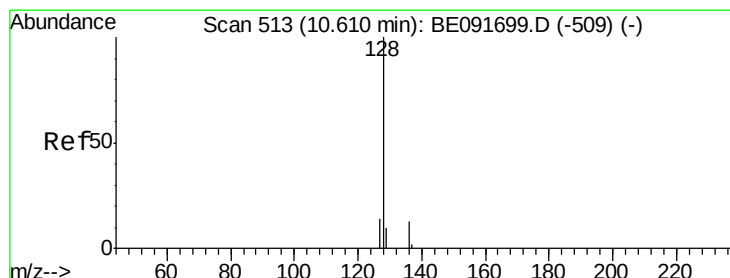
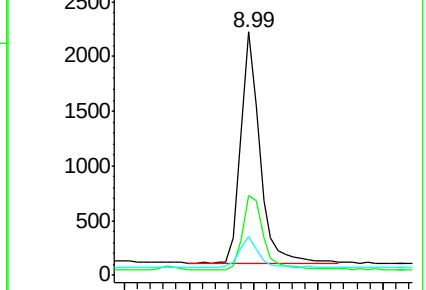
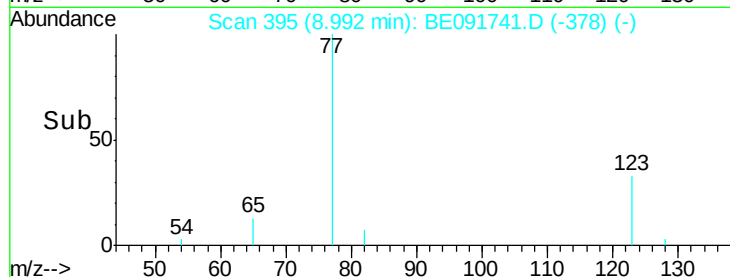
77 100

123 35.7 26.9 40.3

65 13.8 9.4 14.2



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



#10

Naphthalene

Concen: 0.40 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

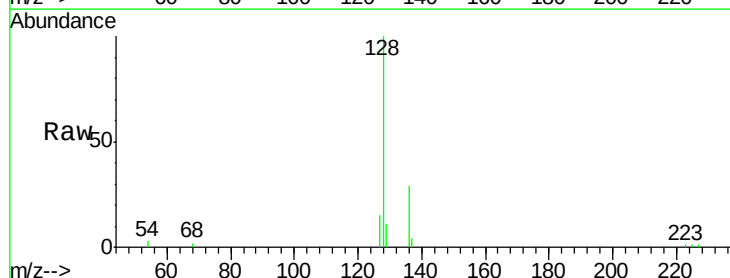
Tgt Ion: 128 Resp: 16537

Ion Ratio Lower Upper

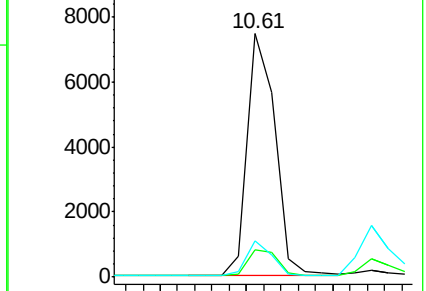
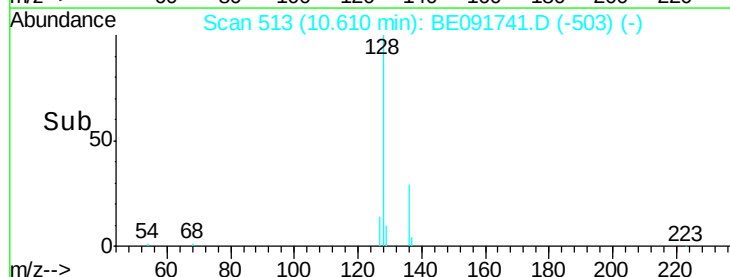
128 100

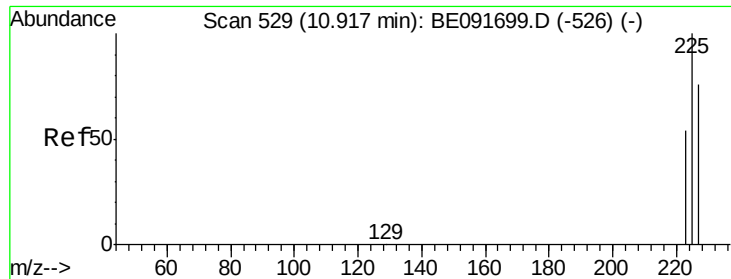
129 11.0 9.3 13.9

127 14.8 10.7 16.1



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

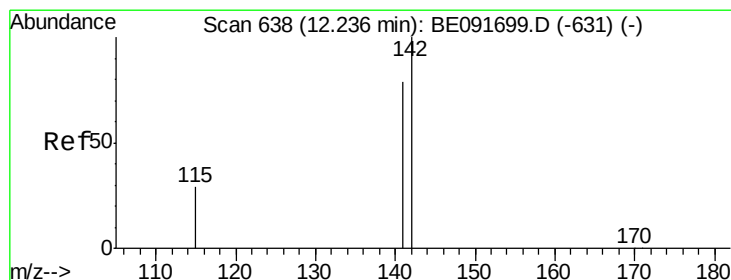
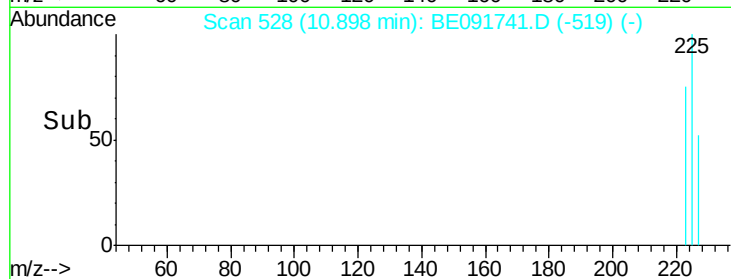
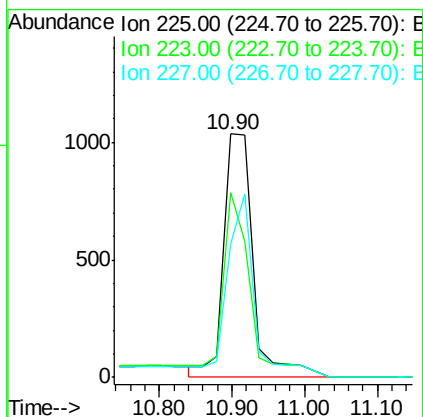
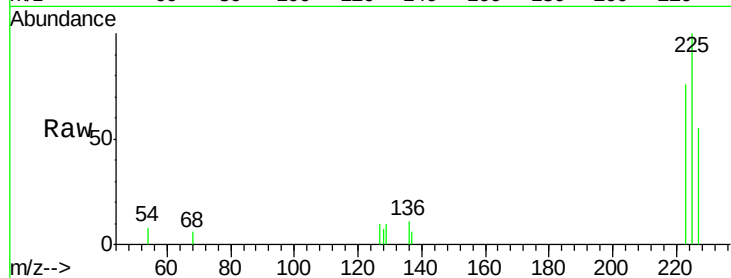




#11
Hexachlorobutadiene
Concen: 0.51 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091741.D
Acq: 3 May 2016 12:59

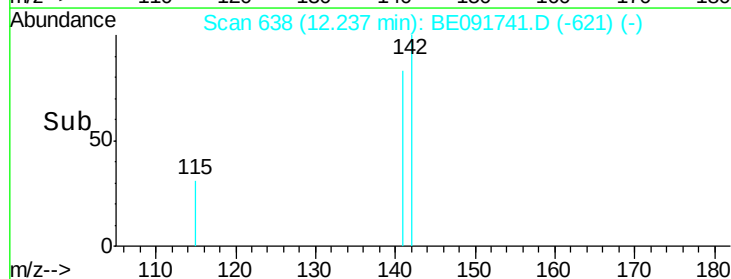
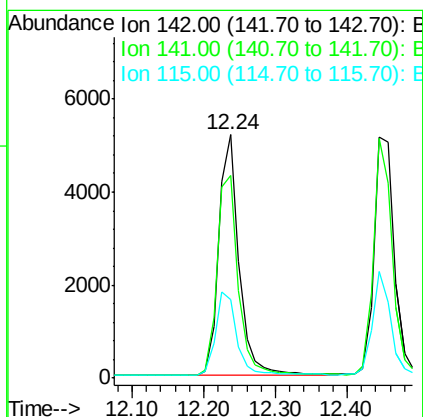
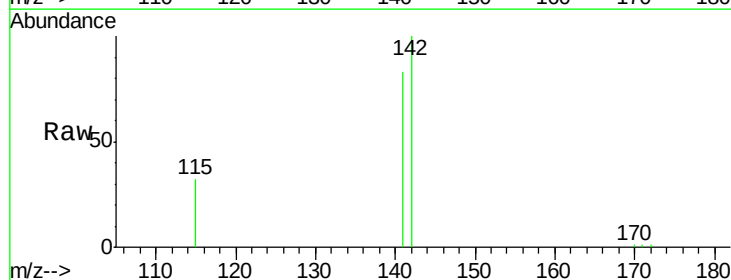
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

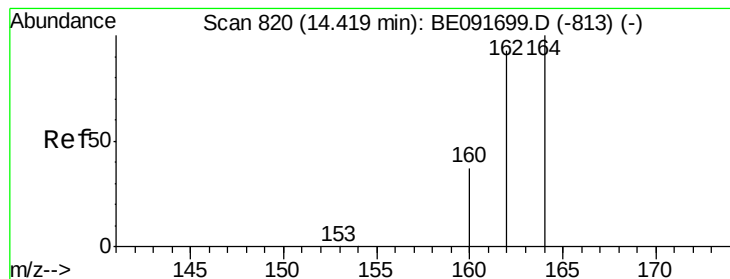
Tgt Ion: 225 Resp: 3070
Ion Ratio Lower Upper
225 100
223 71.8 49.0 73.6
227 68.0 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091741.D
Acq: 3 May 2016 12:59

Tgt Ion: 142 Resp: 10136
Ion Ratio Lower Upper
142 100
141 83.2 71.4 107.0
115 32.3 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

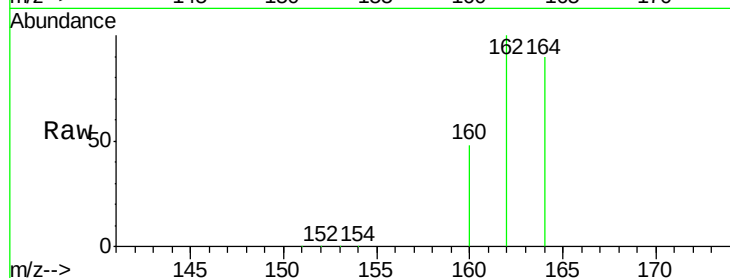
Tgt Ion:164 Resp: 116847

Ion Ratio Lower Upper

164 100

162 111.1 85.3 127.9

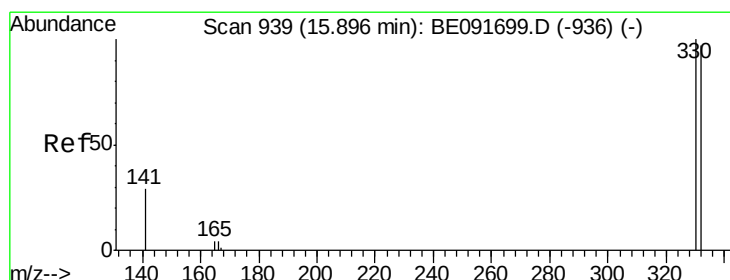
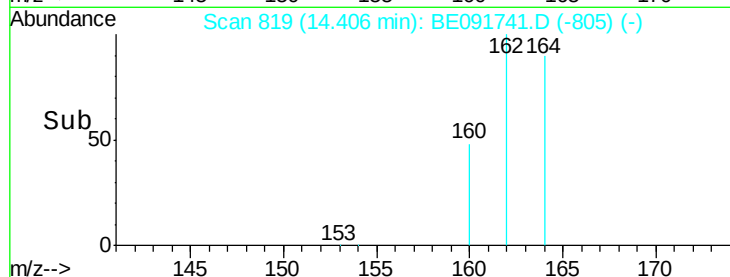
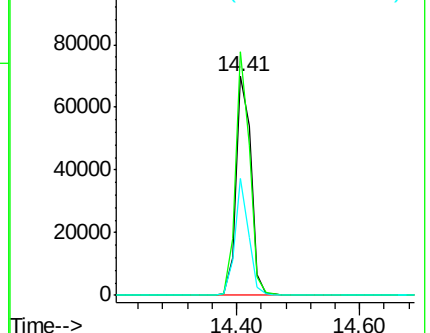
160 53.2 46.2 69.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.40 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

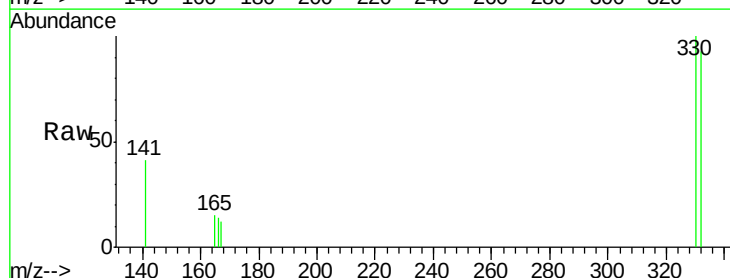
Tgt Ion:330 Resp: 1057

Ion Ratio Lower Upper

330 100

332 97.5 79.1 118.7

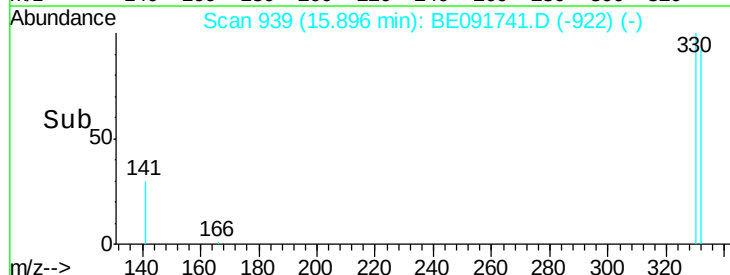
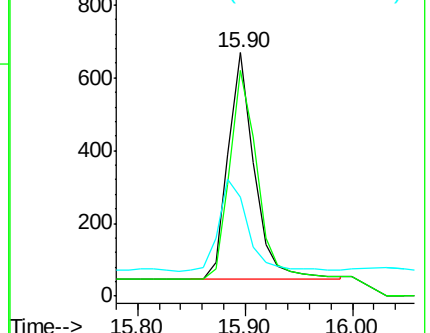
141 45.5 125.4 188.0#

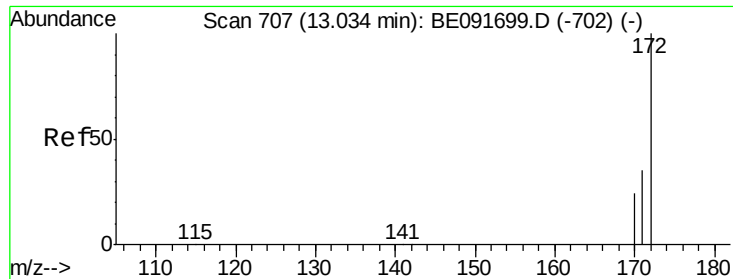


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

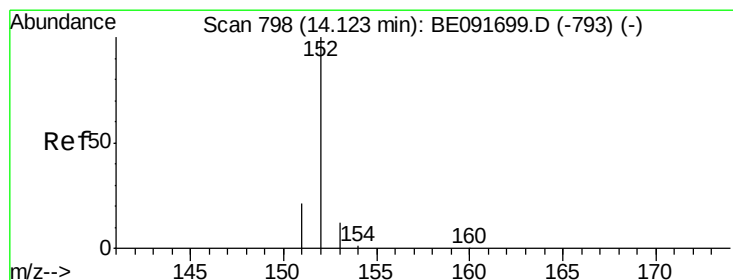
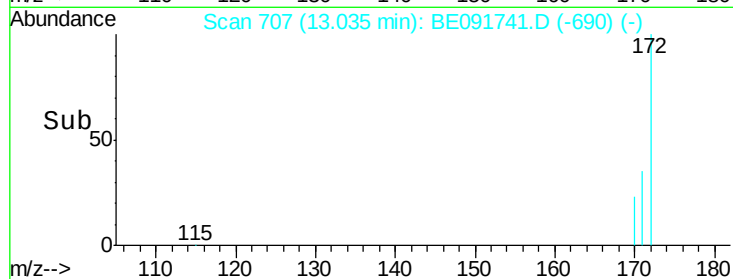
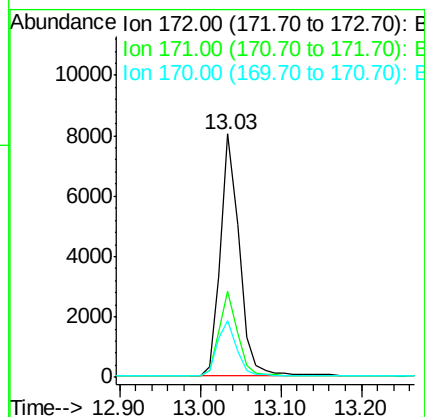
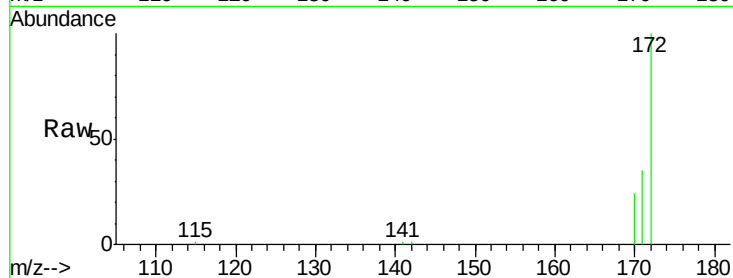




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091741.D
Acq: 3 May 2016 12:59

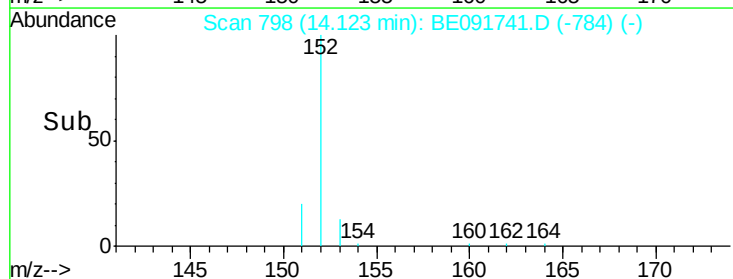
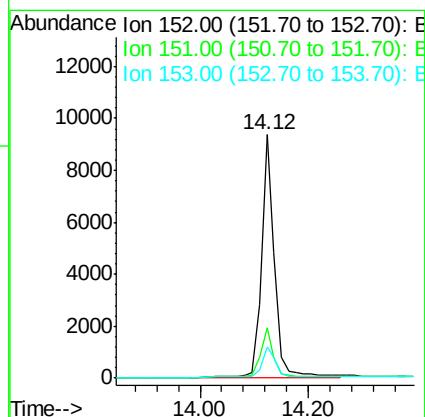
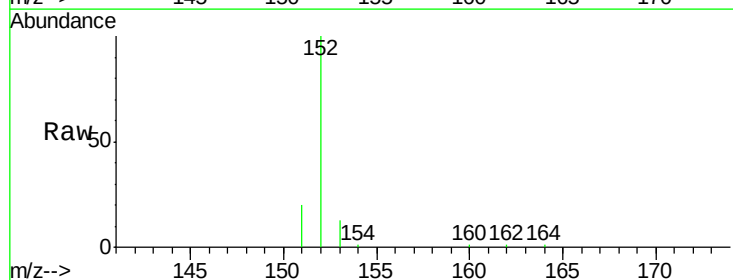
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

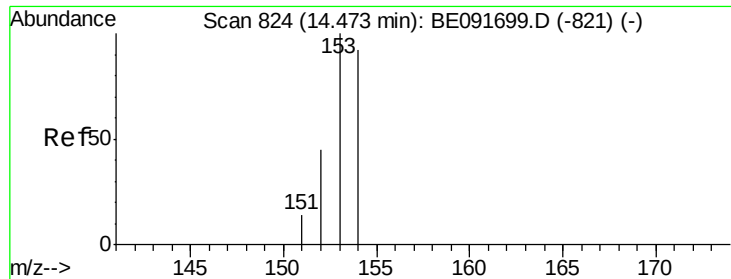
Tgt Ion:172 Resp: 13090
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.6 19.3 28.9



#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091741.D
Acq: 3 May 2016 12:59

Tgt Ion:152 Resp: 17103
Ion Ratio Lower Upper
152 100
151 23.2 3.9 5.9#
153 17.2 10.3 15.5#

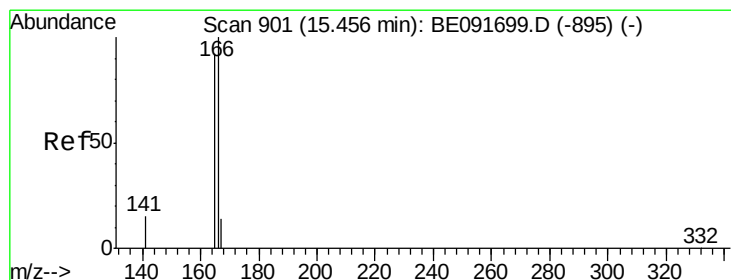
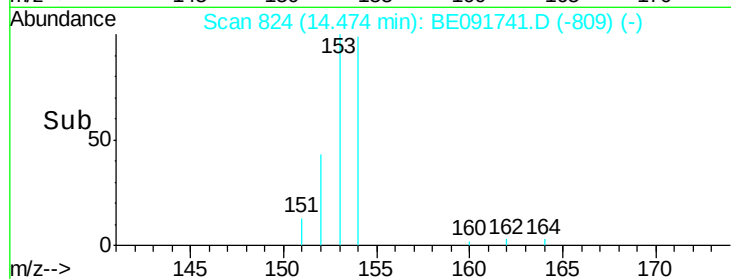
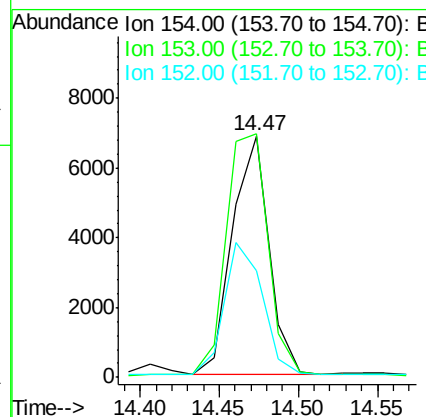
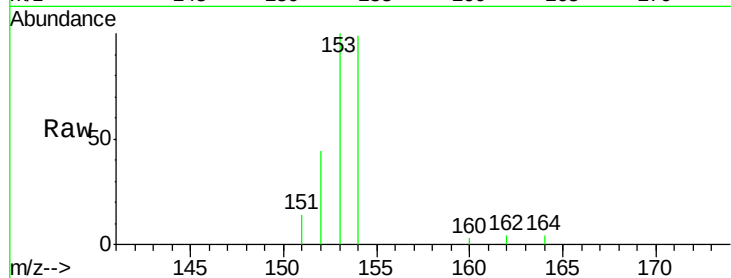




#17
Acenaphthene
Concen: 0.38 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091741.D
Acq: 3 May 2016 12:59

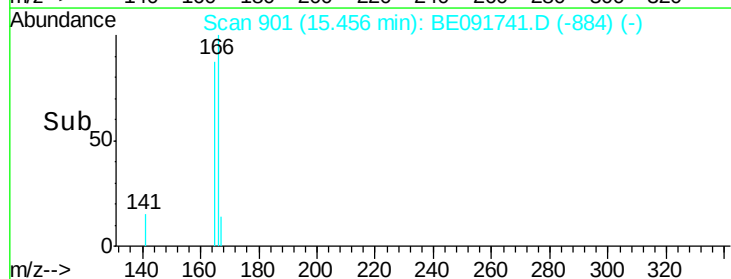
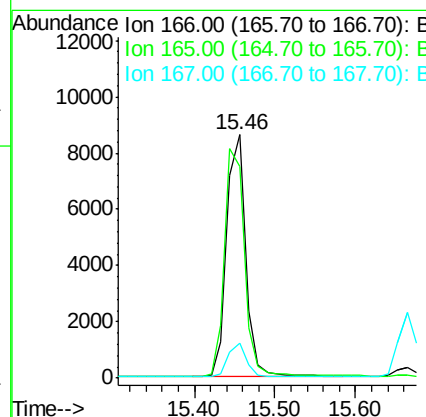
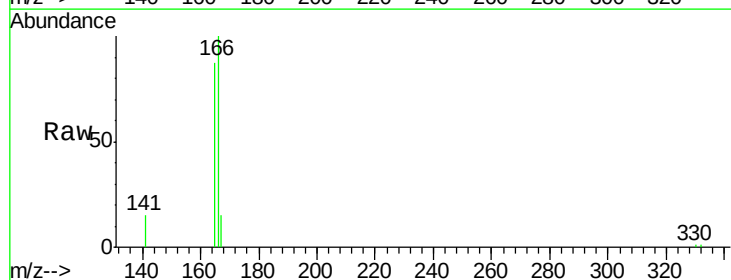
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

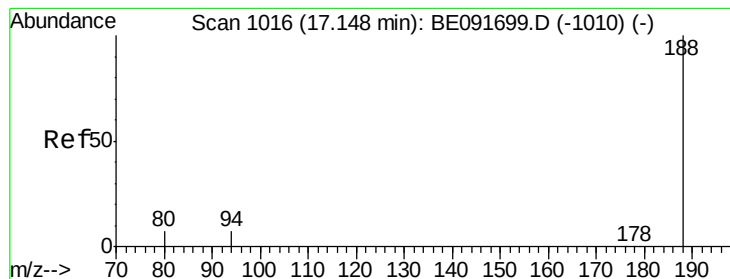
Tgt Ion:154 Resp: 11153
Ion Ratio Lower Upper
154 100
153 116.4 80.0 120.0
152 57.8 40.0 60.0



#18
Fluorene
Concen: 0.39 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE091741.D
Acq: 3 May 2016 12:59

Tgt Ion:166 Resp: 14132
Ion Ratio Lower Upper
166 100
165 98.9 80.8 121.2
167 13.4 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

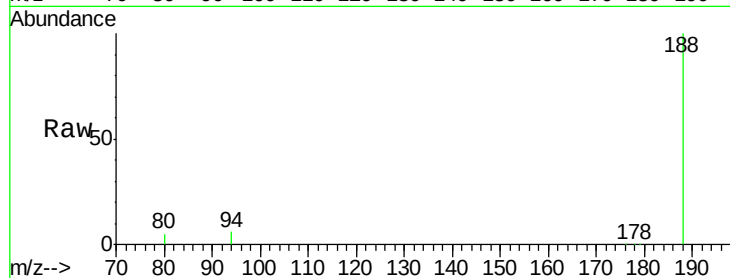
Tgt Ion:188 Resp: 301418

Ion Ratio Lower Upper

188 100

94 5.8 8.7 13.1#

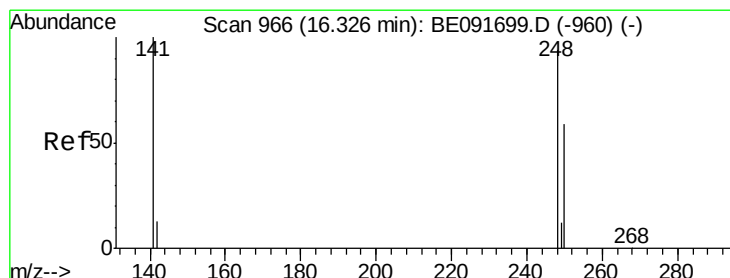
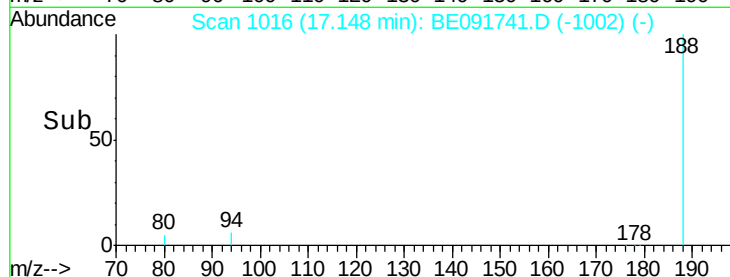
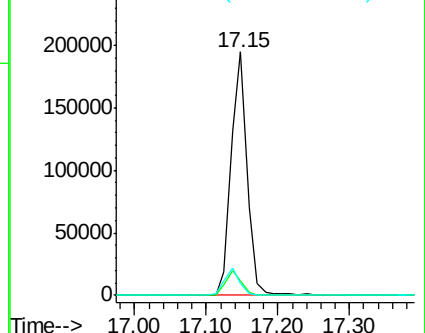
80 5.1 9.4 14.0#



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



#20

4-Bromophenyl-phenylether

Concen: 0.39 ng

RT: 16.33 min Scan# 966

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

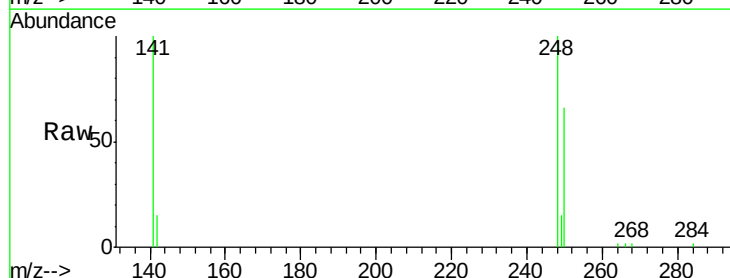
Tgt Ion:248 Resp: 4200

Ion Ratio Lower Upper

248 100

250 95.1 80.5 120.7

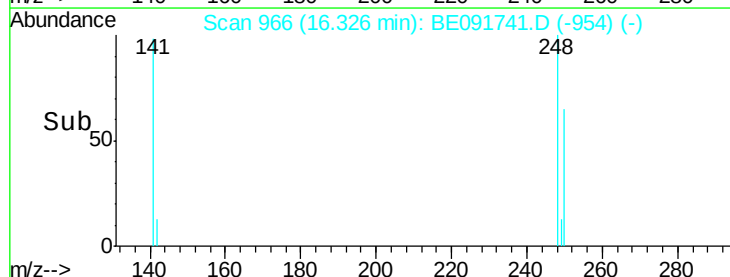
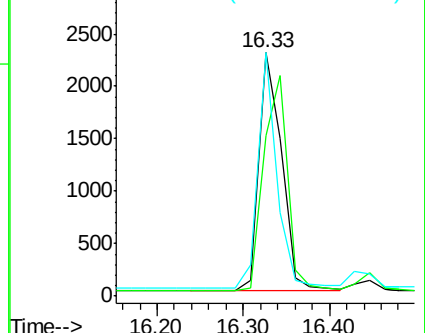
141 82.3 72.0 108.0

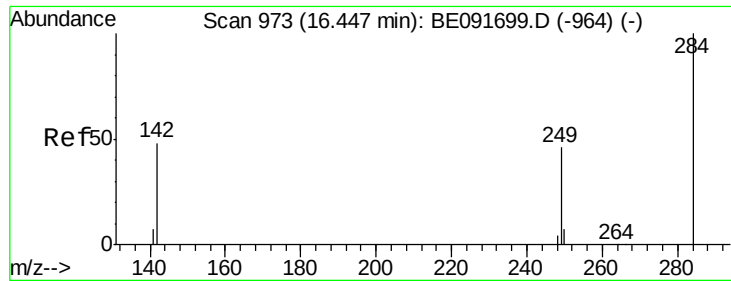


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

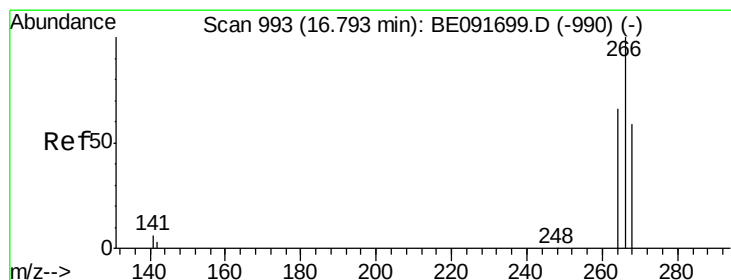
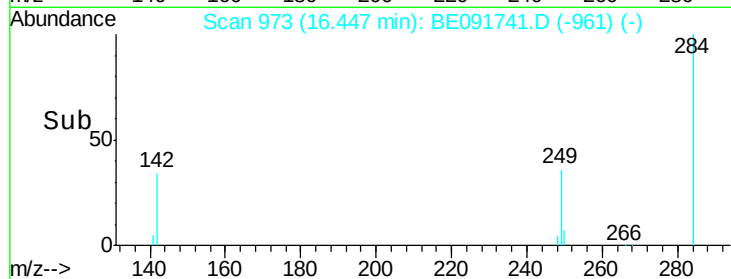
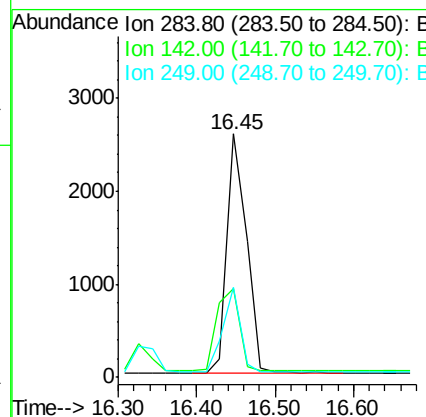
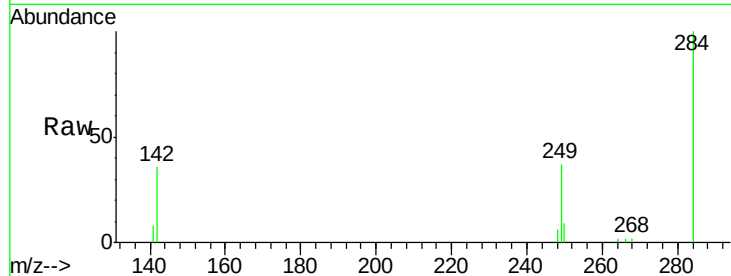




#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091741.D
Acq: 3 May 2016 12:59

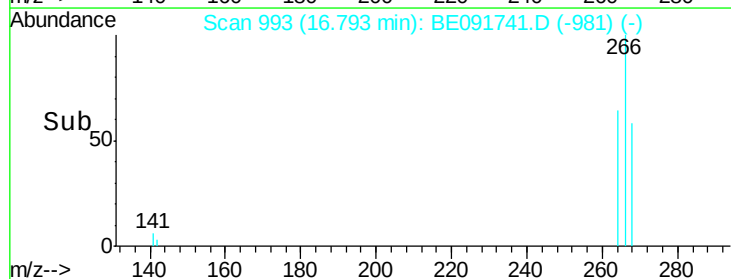
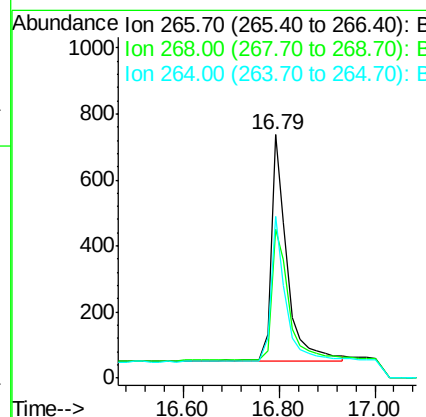
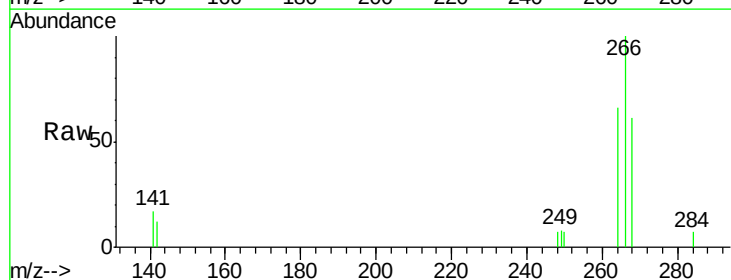
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

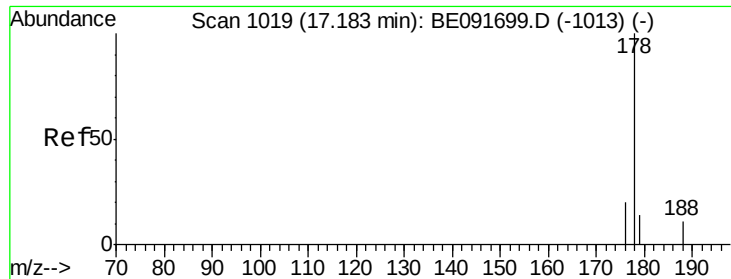
Tgt Ion: 284 Resp: 4385
Ion Ratio Lower Upper
284 100
142 40.7 32.2 48.2
249 32.5 25.4 38.2



#22
Pentachlorophenol
Concen: 0.36 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091741.D
Acq: 3 May 2016 12:59

Tgt Ion: 266 Resp: 1576
Ion Ratio Lower Upper
266 100
268 61.1 58.2 87.2
264 66.5 56.2 84.4





#23

Phenanthrene

Concen: 0.41 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

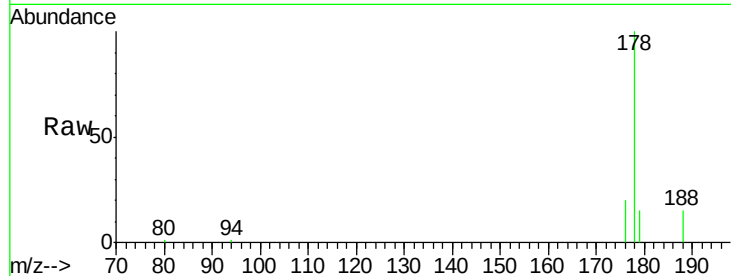
Tgt Ion:178 Resp: 27817

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

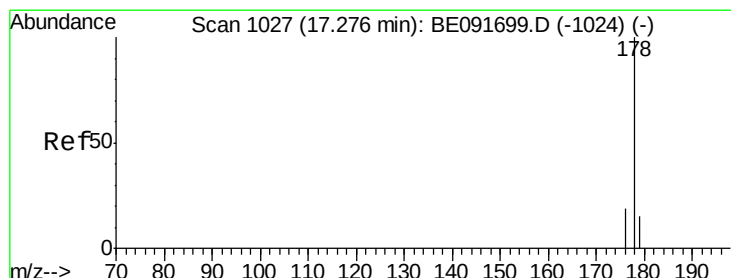
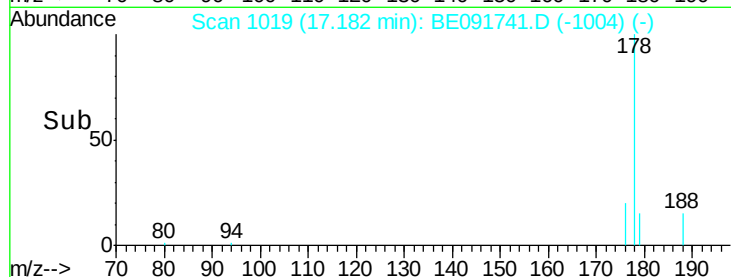
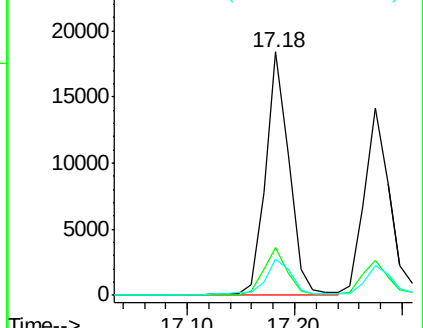
179 16.1 12.6 18.8



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

Anthracene

Concen: 0.38 ng

RT: 17.27 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

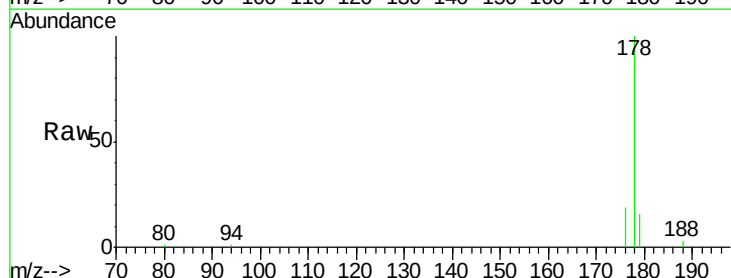
Tgt Ion:178 Resp: 23442

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

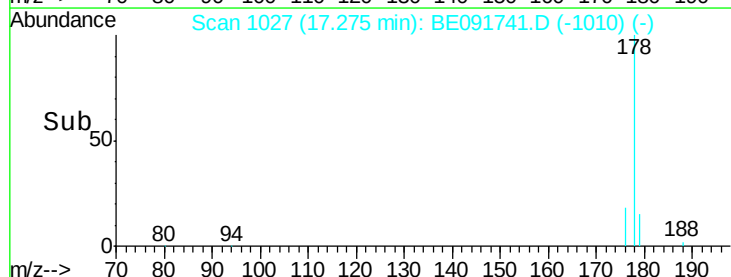
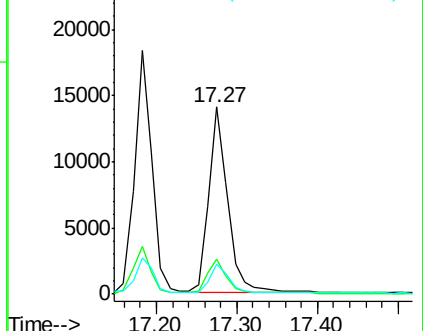
179 15.4 11.8 17.6

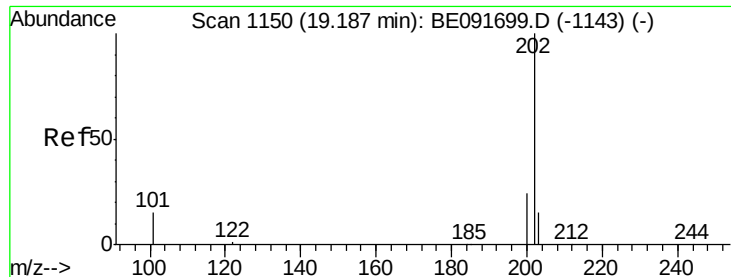


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.38 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

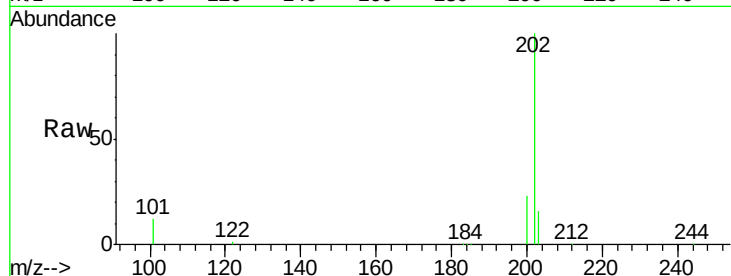
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

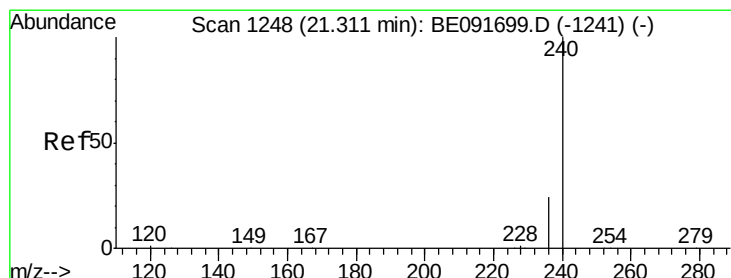
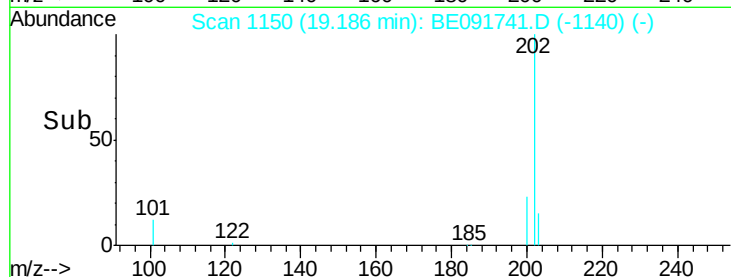
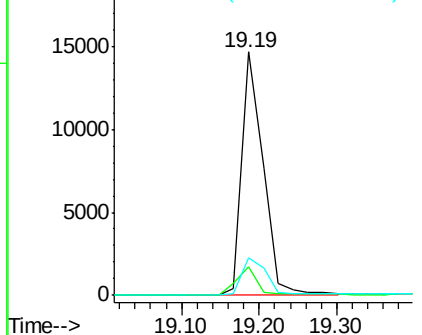
Tgt Ion:	202	Resp:	27562
Ion Ratio	Lower	Upper	
202	100		
101	10.9	11.0	16.6#
203	17.3	13.9	20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

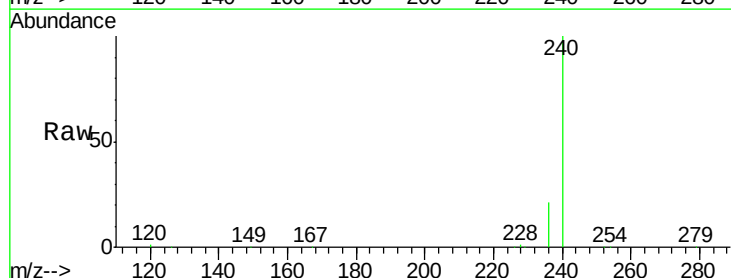
RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

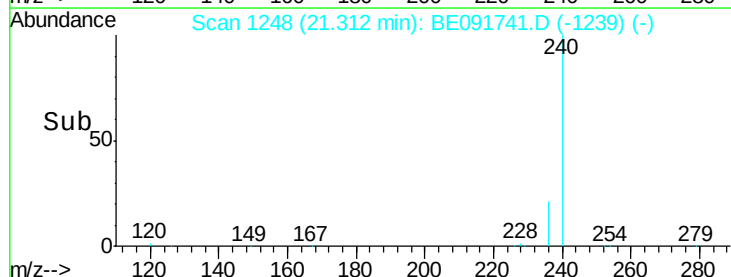
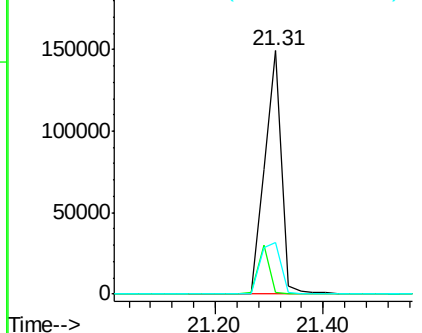
Tgt Ion:	240	Resp:	324936
Ion Ratio	Lower	Upper	
240	100		
120	0.9	11.0	16.4#
236	21.4	21.7	32.5#

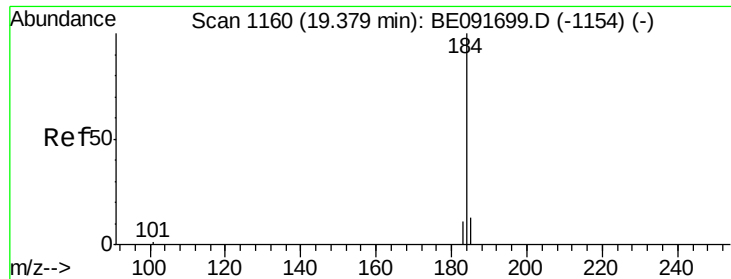


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.46 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

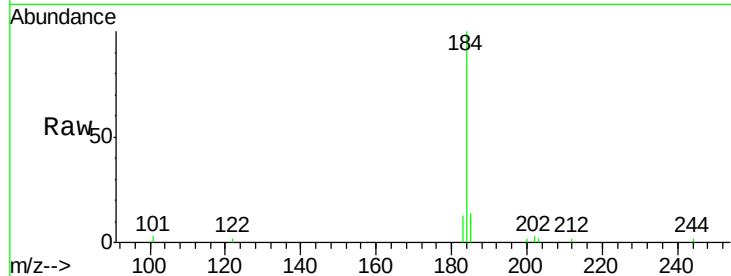
Tgt Ion:184 Resp: 7950

Ion Ratio Lower Upper

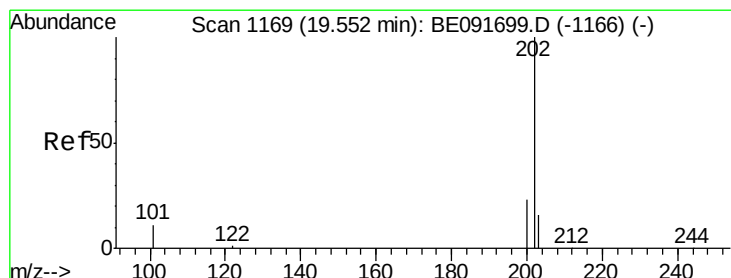
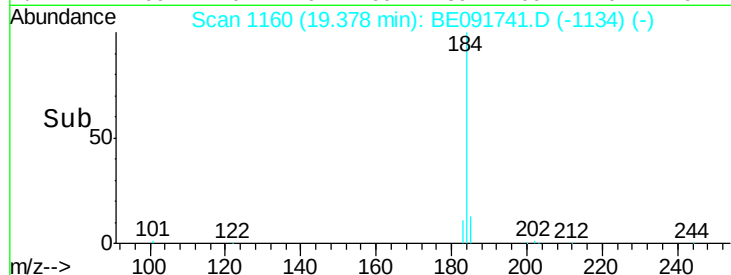
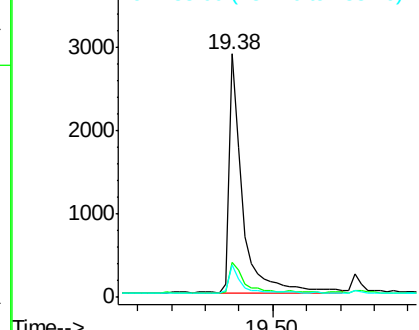
184 100

185 14.4 22.3 33.5#

183 13.1 16.4 24.6#



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



#28

Pyrene

Concen: 0.42 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

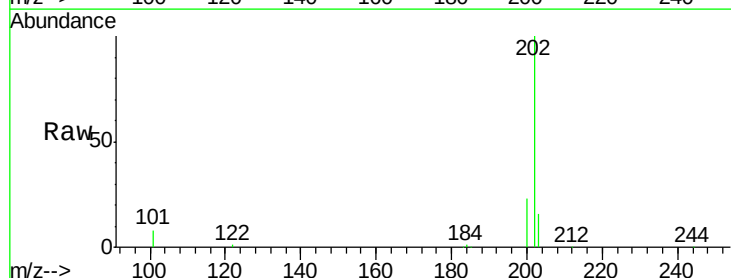
Tgt Ion:202 Resp: 31027

Ion Ratio Lower Upper

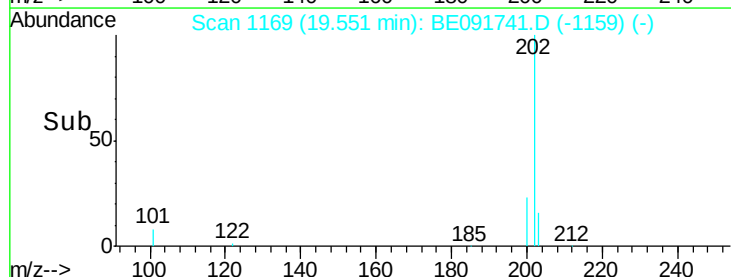
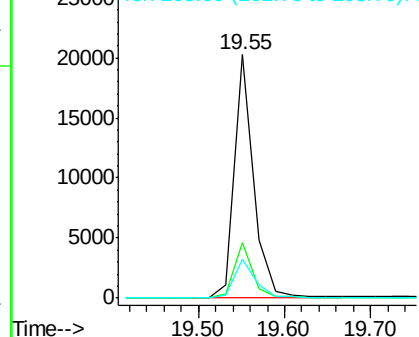
202 100

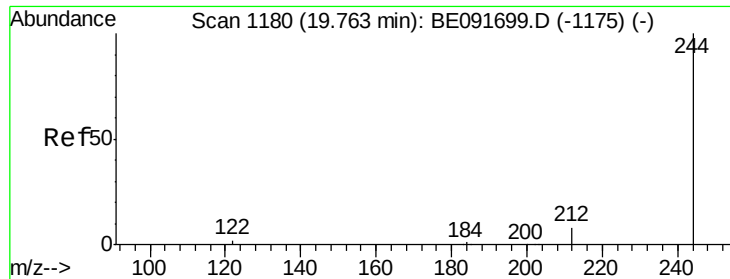
200 21.8 16.8 25.2

203 17.1 14.0 21.0



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





#29

Terphenyl-d14

Concen: 0.42 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

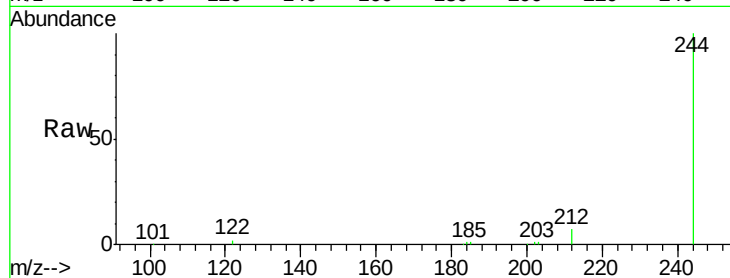
Tgt Ion:244 Resp: 21178

Ion Ratio Lower Upper

244 100

212 7.5 6.9 10.3

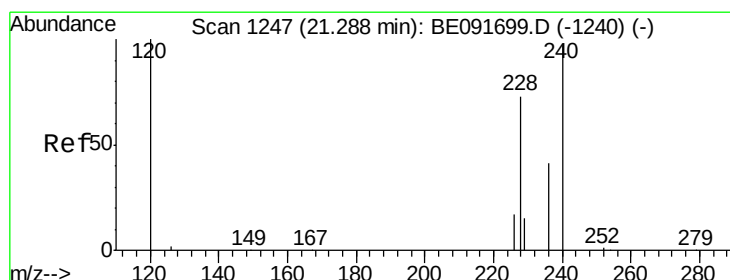
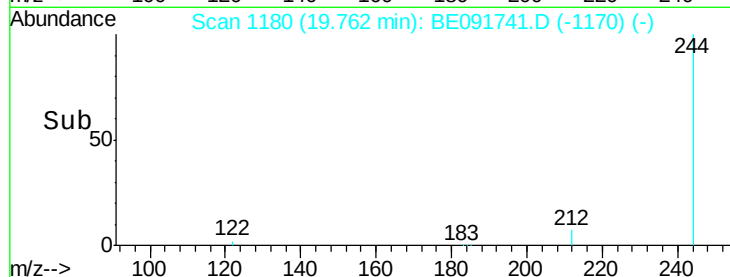
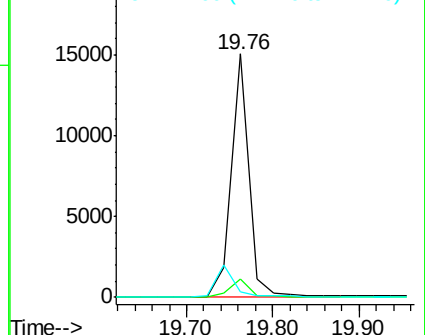
122 2.2 11.0 16.4#



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



#30

Benzo(a)anthracene

Concen: 0.38 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

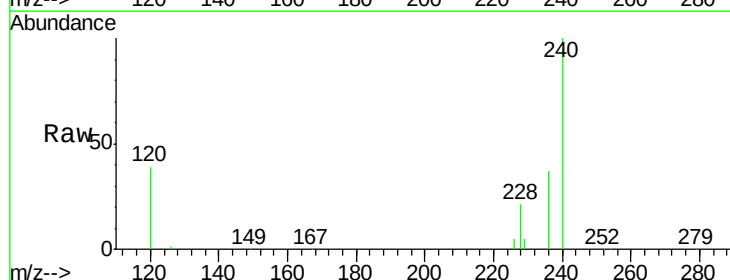
Tgt Ion:228 Resp: 30454

Ion Ratio Lower Upper

228 100

226 21.8 21.0 31.4

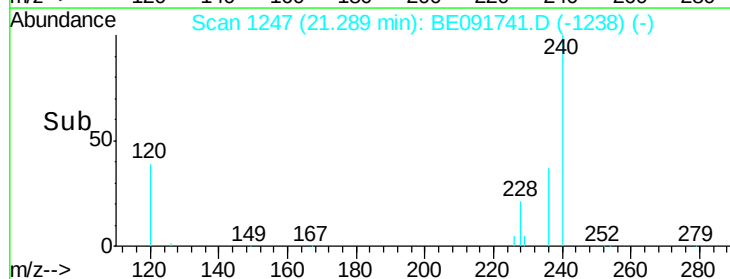
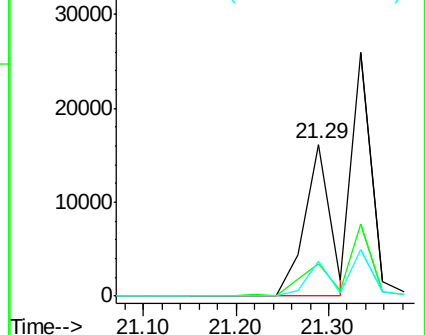
229 23.2 15.7 23.5

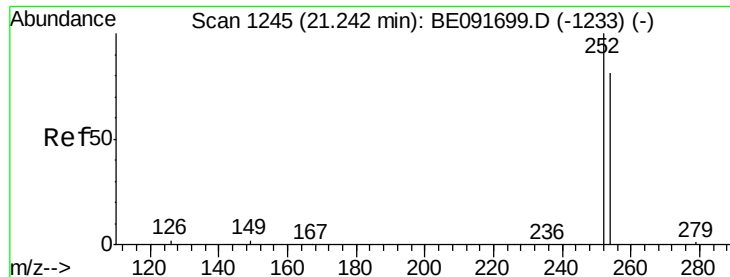


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

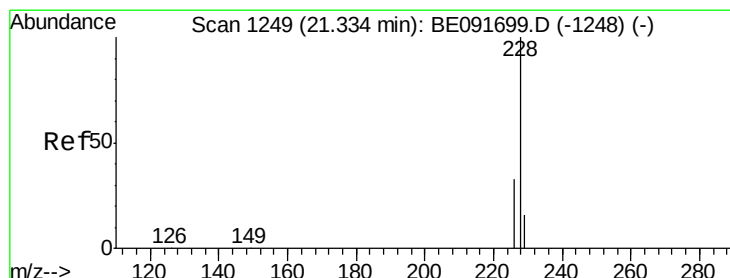
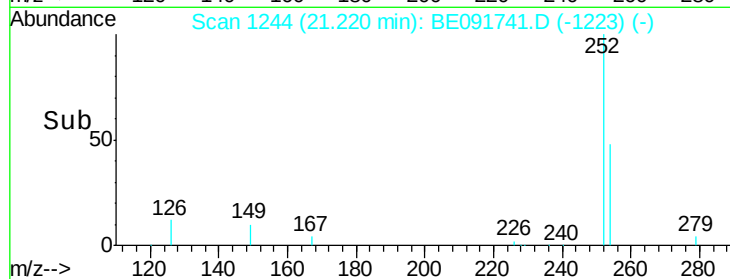
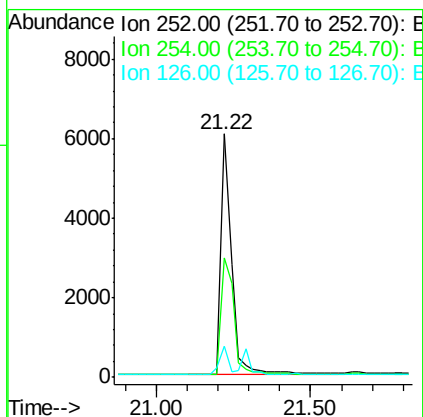
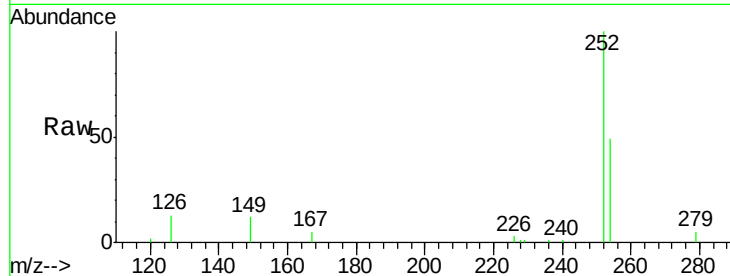




#31
 3,3'-Dichlorobenzidine
 Concen: 0.35 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091741.D
 Acq: 3 May 2016 12:59

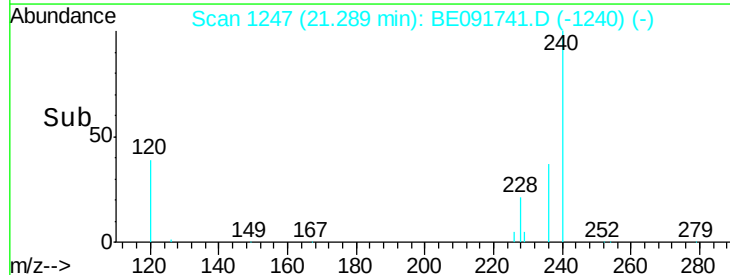
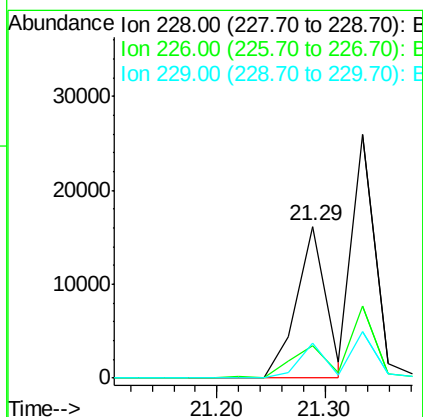
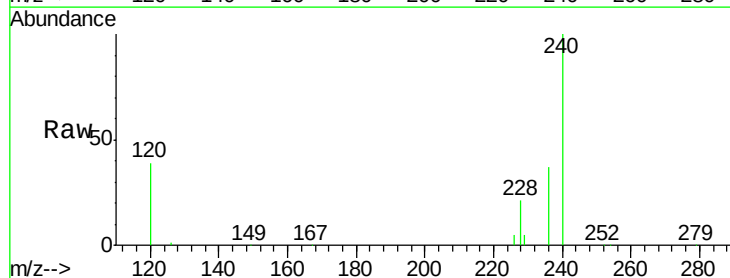
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

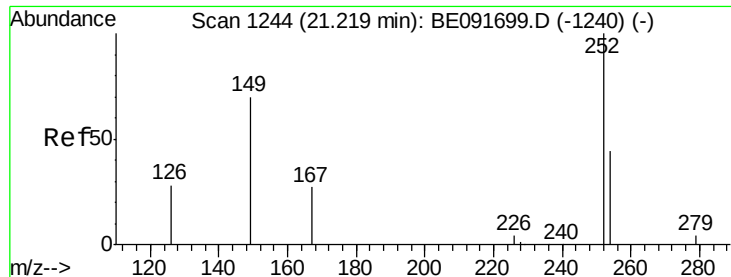
Tgt Ion: 252 Resp: 14065
 Ion Ratio Lower Upper
 252 100
 254 48.9 51.1 76.7#
 126 12.8 12.6 18.8



#32
 Chrysene
 Concen: 0.37 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091741.D
 Acq: 3 May 2016 12:59

Tgt Ion: 228 Resp: 30455
 Ion Ratio Lower Upper
 228 100
 226 21.8 24.0 36.0#
 229 23.2 15.9 23.9

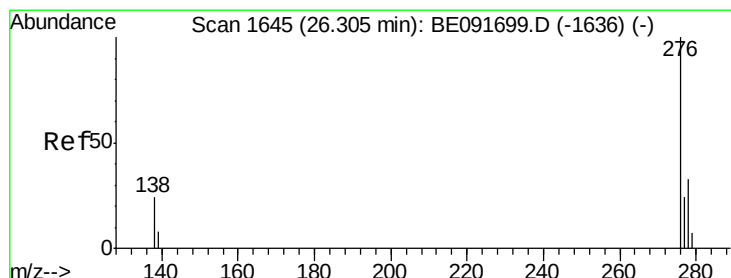
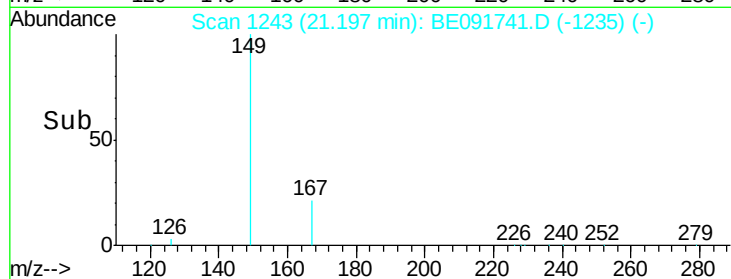
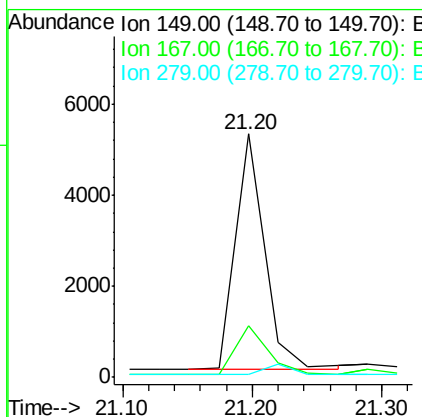
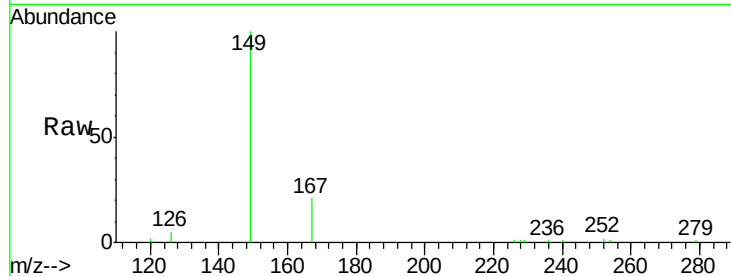




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.34 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091741.D
 Acq: 3 May 2016 12:59

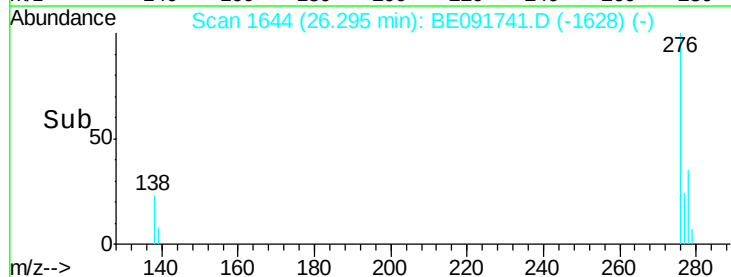
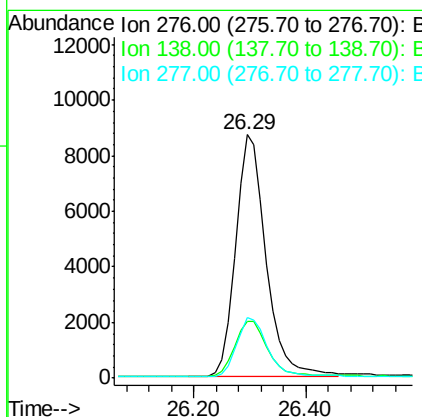
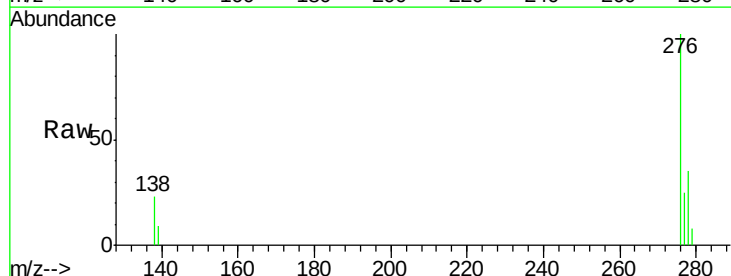
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

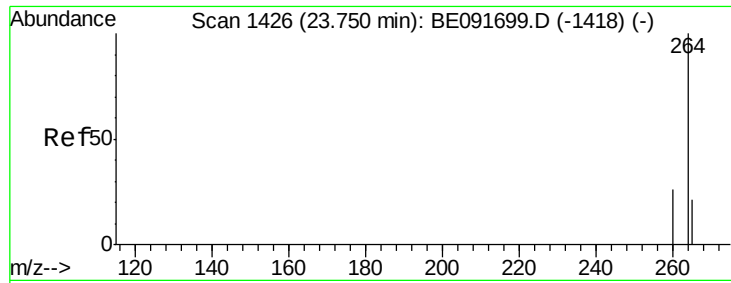
Tgt Ion:149 Resp: 8130
 Ion Ratio Lower Upper
 149 100
 167 23.0 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.45 ng
 RT: 26.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE091741.D
 Acq: 3 May 2016 12:59

Tgt Ion:276 Resp: 33137
 Ion Ratio Lower Upper
 276 100
 138 24.9 23.4 35.2
 277 24.8 19.8 29.8

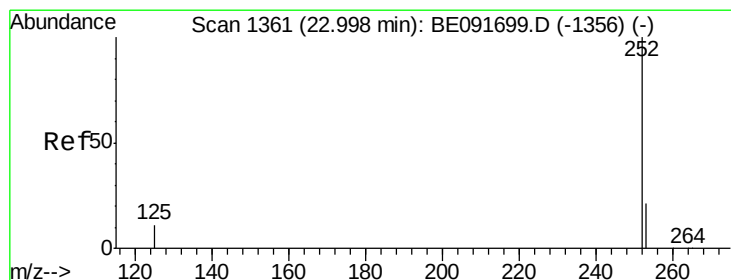
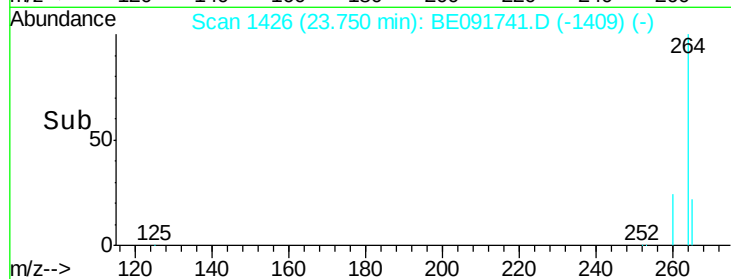
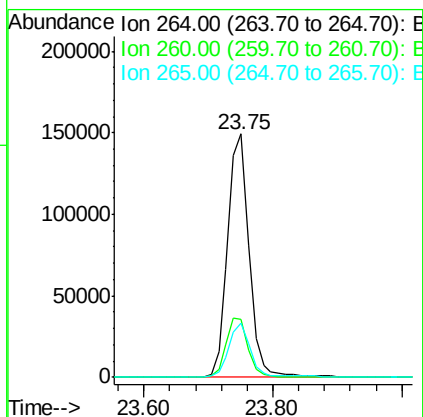
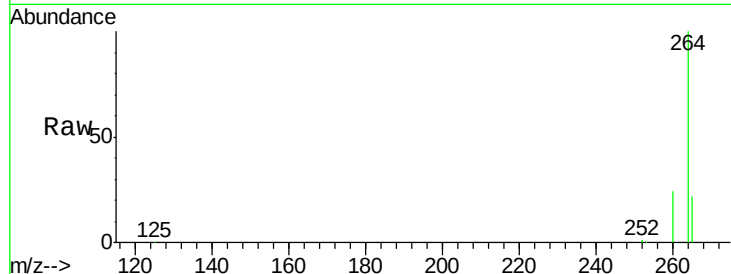




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BE091741.D
 Acq: 3 May 2016 12:59

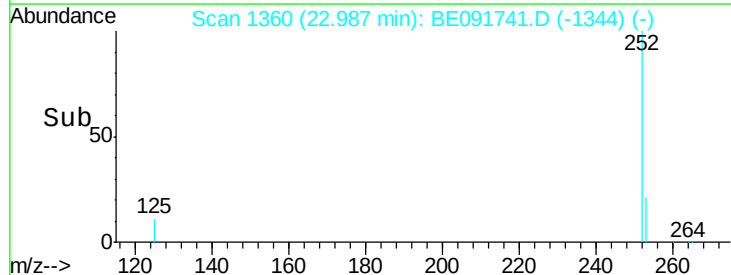
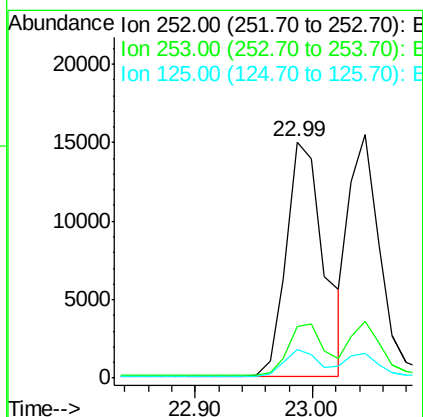
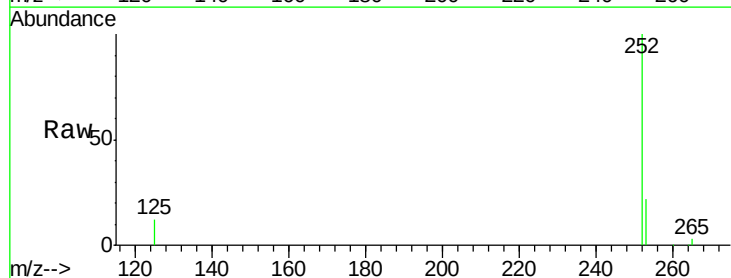
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

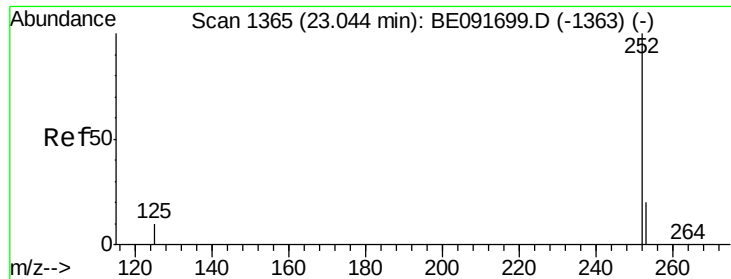
Tgt Ion: 264 Resp: 343740
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.0 30.0
 265 22.1 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.41 ng
 RT: 22.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BE091741.D
 Acq: 3 May 2016 12:59

Tgt Ion: 252 Resp: 33236
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 12.3 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.35 ng

RT: 23.04 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

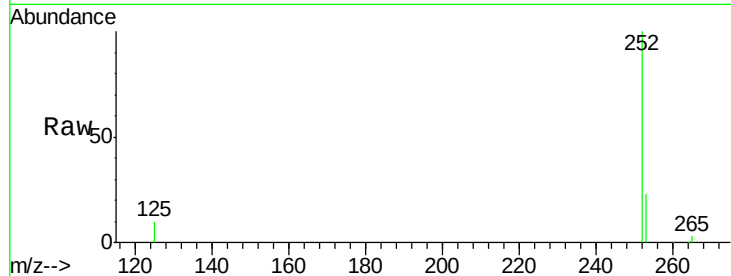
Tgt Ion:252 Resp: 28290

Ion Ratio Lower Upper

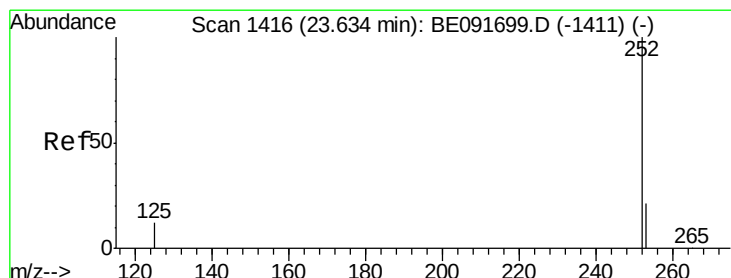
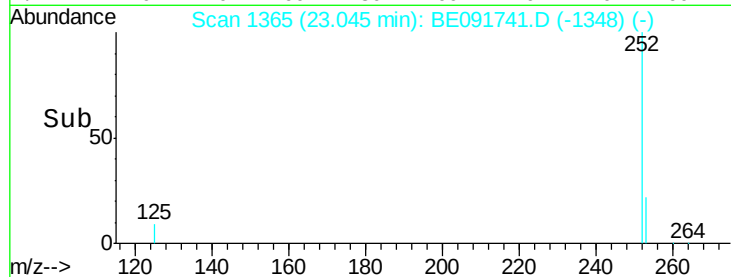
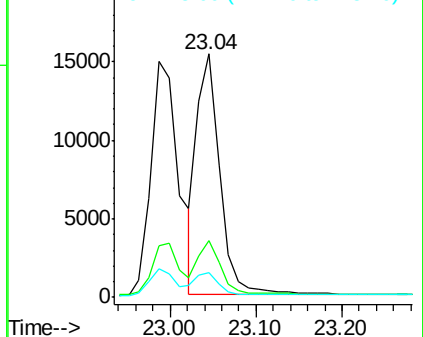
252 100

253 23.2 17.6 26.4

125 10.0 9.9 14.9



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



#38

Benzo(a)pyrene

Concen: 0.37 ng

RT: 23.63 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

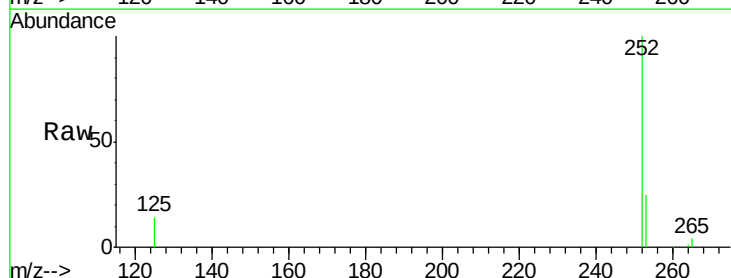
Tgt Ion:252 Resp: 28312

Ion Ratio Lower Upper

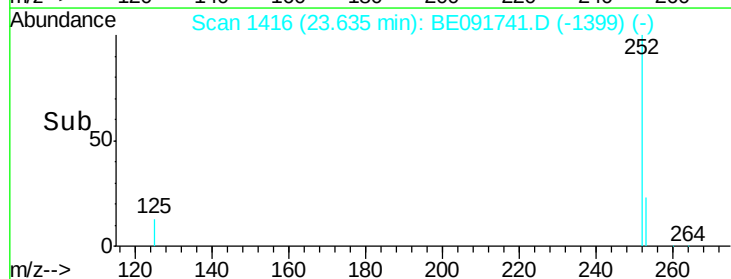
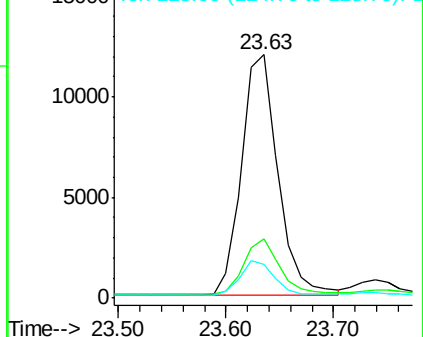
252 100

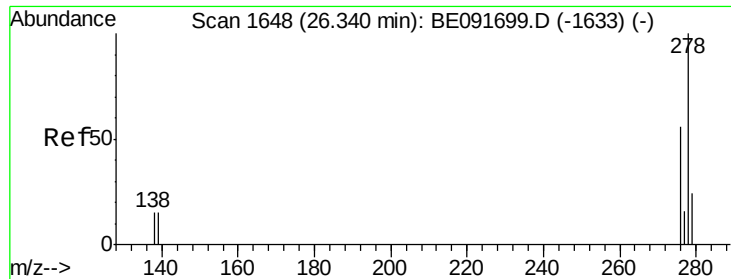
253 24.6 18.1 27.1

125 14.1 11.0 16.4



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





#39

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.32 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

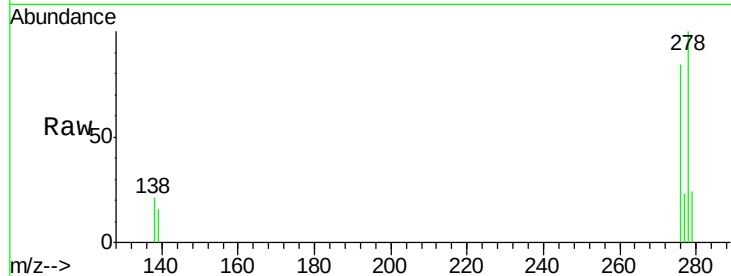
Tgt Ion:278 Resp: 27120

Ion Ratio Lower Upper

278 100

139 16.4 16.0 24.0

279 23.9 19.4 29.2

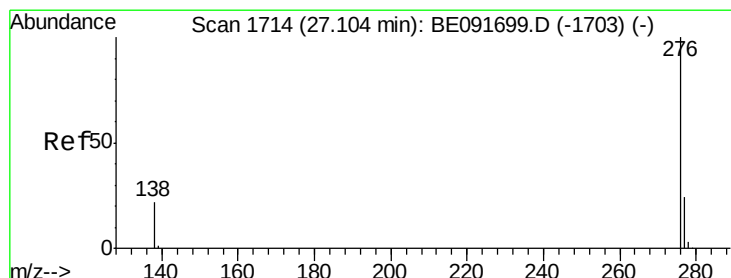
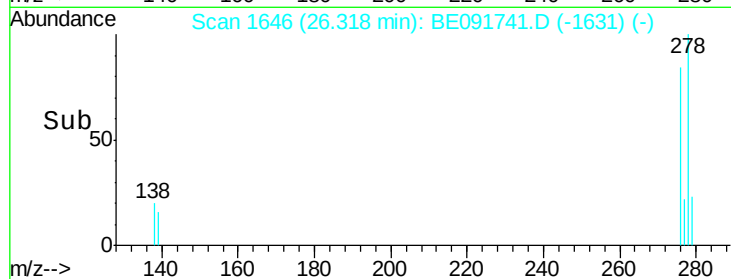
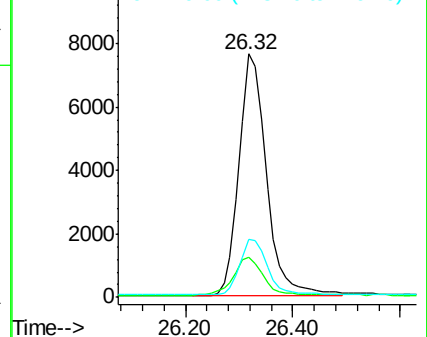


Abundance

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



#40

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091741.D

Acq: 3 May 2016 12:59

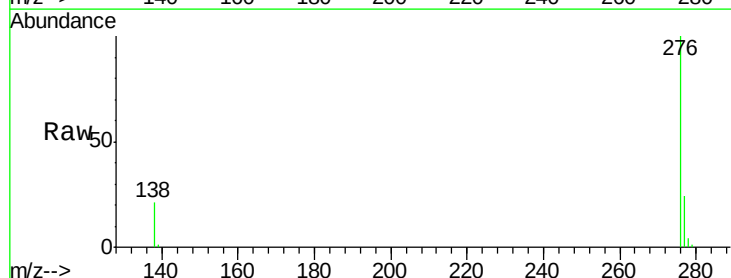
Tgt Ion:276 Resp: 27218

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 20.5 20.4 30.6



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

