

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050316\
 Data File : BE091750.D
 Acq On : 3 May 2016 19:18
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 04 01:05:43 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	55769	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	267855	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	155316	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	368477	5.00	ng	0.00
26) Chrysene-d12	21.31	240	383883	5.00	ng	0.00
35) Perylene-d12	23.75	264	376167	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	5281	0.39	ng	0.00
5) Phenol-d6	6.95	99	7291	0.40	ng	0.00
8) Nitrobenzene-d5	8.95	82	6780	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1854	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	17533	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	28703	0.48	ng	0.00

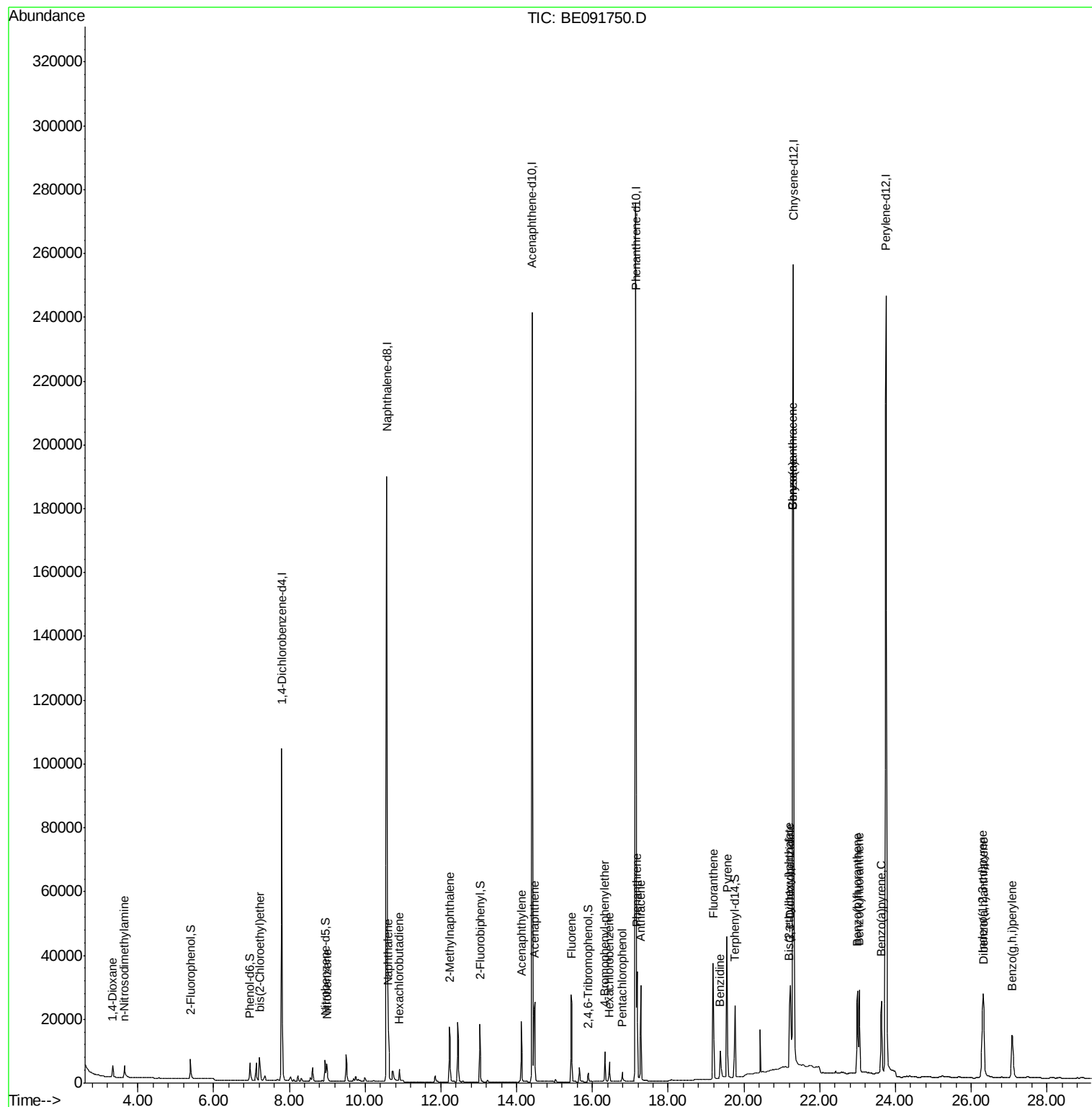
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	2551	0.30	ng	97
3) n-Nitrosodimethylamine	3.65	42	3421	0.34	ng	99
6) bis(2-Chloroethyl)ether	7.21	93	6310	0.39	ng	# 78
9) Nitrobenzene	8.99	77	6824	0.38	ng	96
10) Naphthalene	10.61	128	22426	0.41	ng	98
11) Hexachlorobutadiene	10.90	225	4143	0.52	ng	93
12) 2-Methylnaphthalene	12.23	142	14048	0.40	ng	94
16) Acenaphthylene	14.12	152	25532	0.43	ng	# 80
17) Acenaphthene	14.47	154	15378	0.40	ng	88
18) Fluorene	15.46	166	19436	0.40	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	5643	0.43	ng	93
21) Hexachlorobenzene	16.45	284	5705	0.43	ng	98
22) Pentachlorophenol	16.79	266	2478	0.44	ng	89
23) Phenanthrene	17.18	178	34423	0.41	ng	99
24) Anthracene	17.27	178	32943	0.44	ng	99
25) Fluoranthene	19.19	202	40448	0.46	ng	# 97
27) Benzidine	19.38	184	15942	0.67	ng	# 80
28) Pyrene	19.55	202	43917	0.51	ng	99
30) Benzo(a)anthracene	21.29	228	40727	0.43	ng	# 93
31) 3,3'-Dichlorobenzidine	21.22	252	26734	0.56	ng	86
32) Chrysene	21.29	228	40641	0.42	ng	# 89
33) Bis(2-ethylhexyl)phthalate	21.20	149	27812	0.98	ng	# 85
34) Indeno(1,2,3-cd)pyrene	26.31	276	41199	0.47	ng	97
36) Benzo(b)fluoranthene	23.00	252	39920	0.45	ng	93
37) Benzo(k)fluoranthene	23.04	252	35636	0.40	ng	96
38) Benzo(a)pyrene	23.63	252	36184	0.44	ng	# 91
39) Dibenzo(a,h)anthracene	26.33	278	33536	0.43	ng	96
40) Benzo(g,h,i)perylene	27.09	276	34462	0.43	ng	94

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050316\
Data File : BE091750.D
Acq On : 3 May 2016 19:18
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 04 01:05:43 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: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

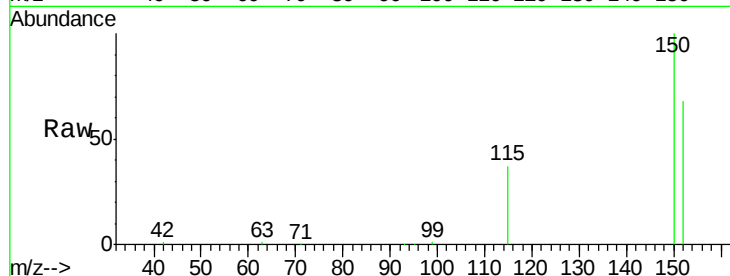
Tgt Ion:152 Resp: 55769

Ion Ratio Lower Upper

152 100

150 147.1 122.6 183.8

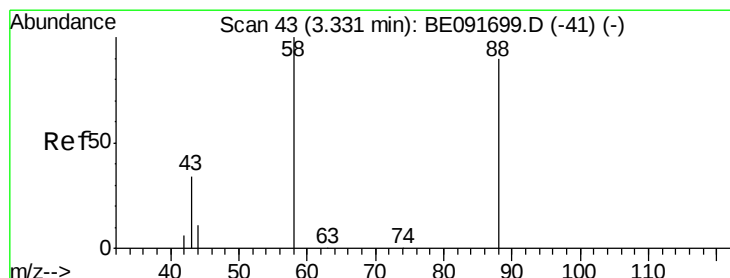
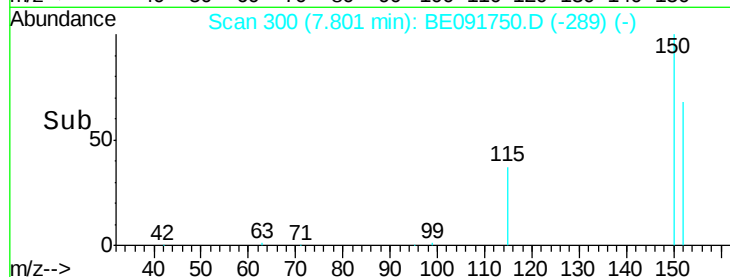
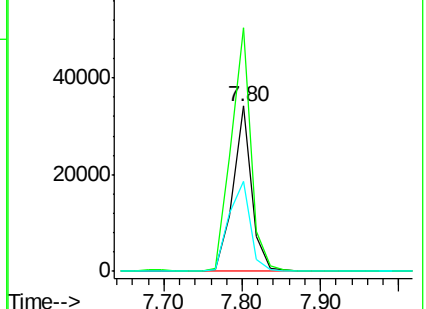
115 54.5 52.8 79.2



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: 0.30 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

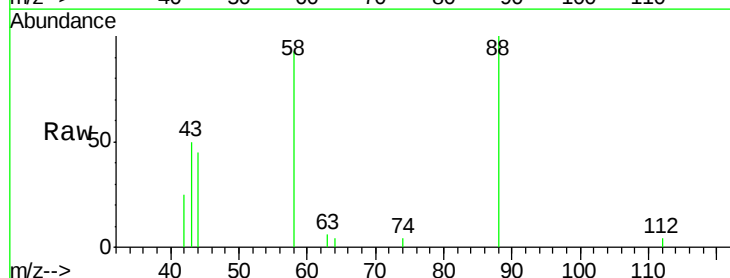
Tgt Ion: 88 Resp: 2551

Ion Ratio Lower Upper

88 100

58 82.0 65.8 98.6

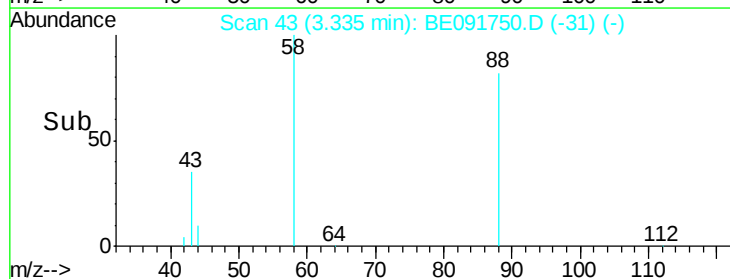
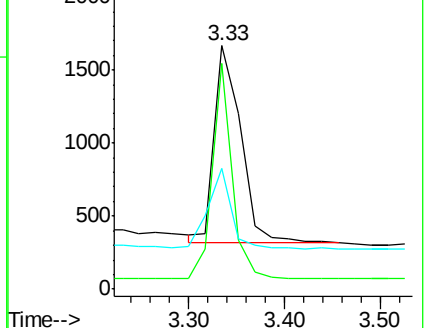
43 37.2 25.3 37.9

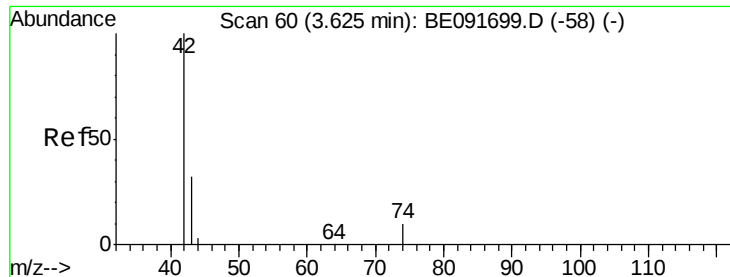


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

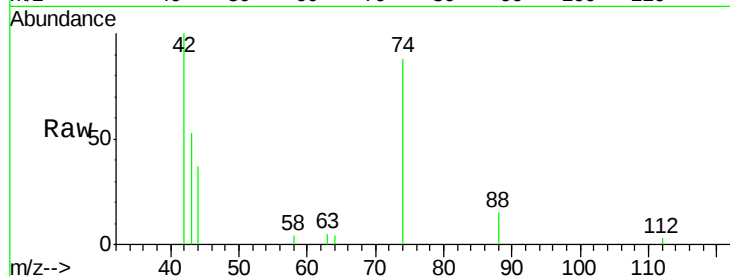




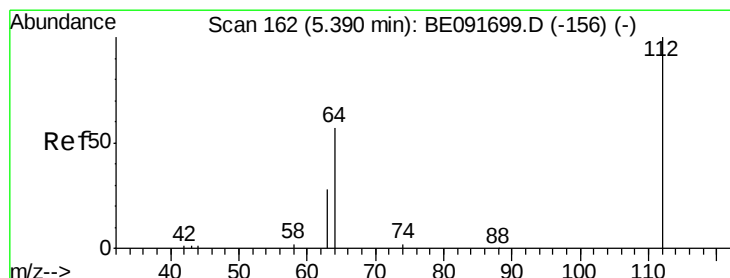
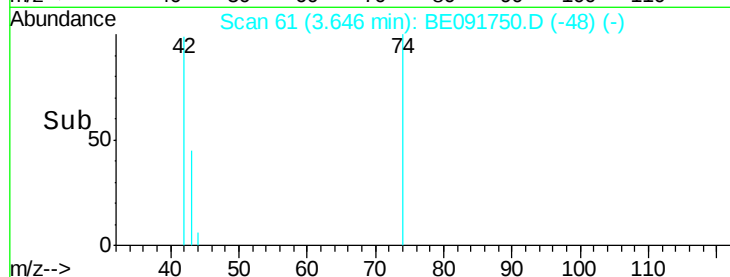
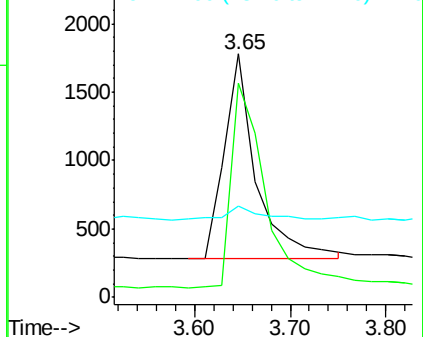
#3
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.65 min Scan# 61
Delta R.T. 0.02 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 3421
Ion Ratio Lower Upper
42 100
74 108.7 87.9 131.9
44 9.1 6.6 9.8

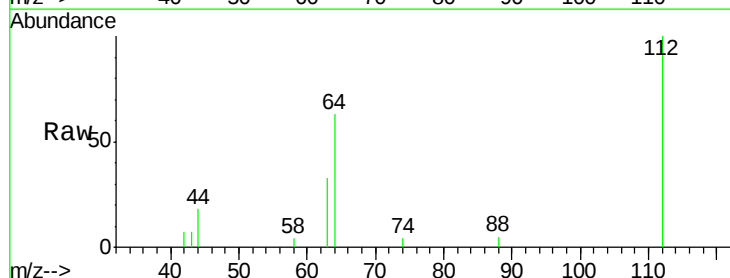


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

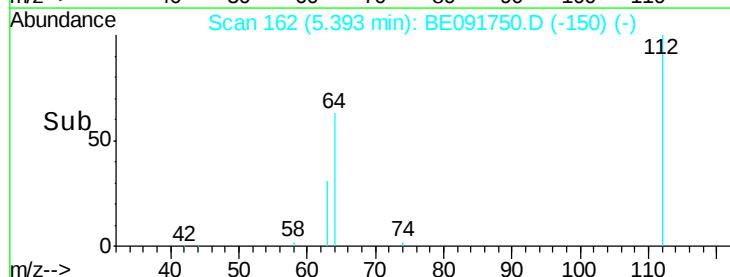
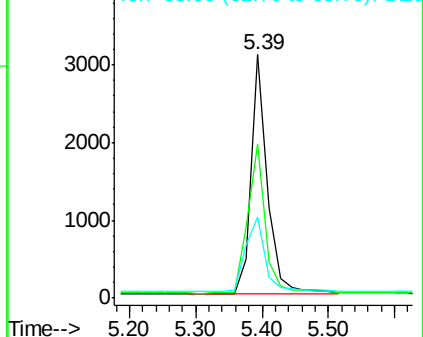


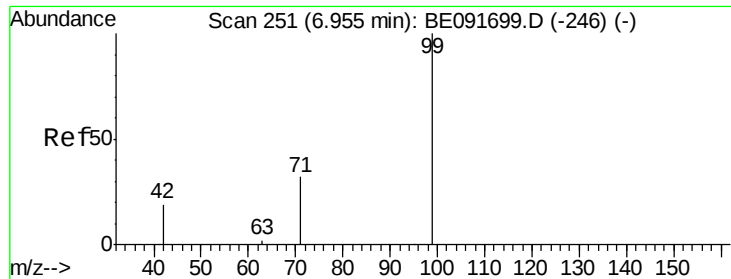
#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

Tgt Ion: 112 Resp: 5281
Ion Ratio Lower Upper
112 100
64 67.7 30.9 46.3#
63 37.2 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: 0.40 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

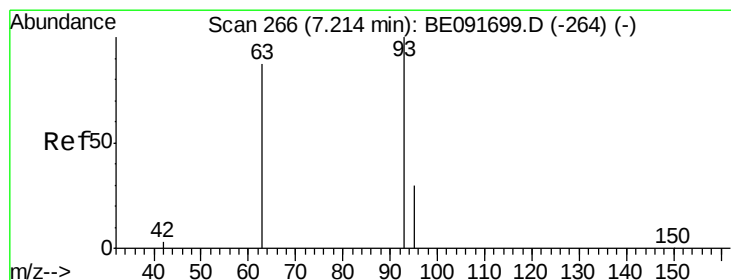
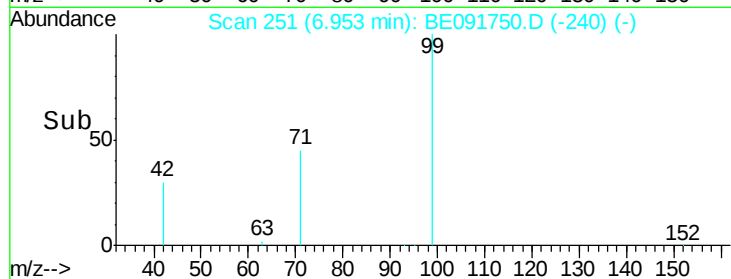
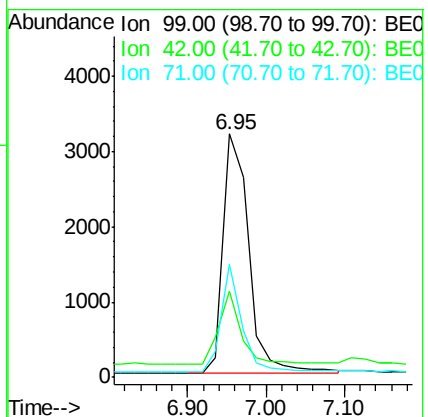
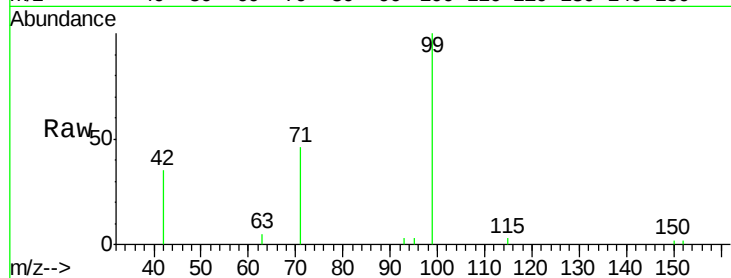
Tgt Ion: 99 Resp: 7291

Ion Ratio Lower Upper

99 100

42 26.0 16.2 24.2#

71 36.3 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

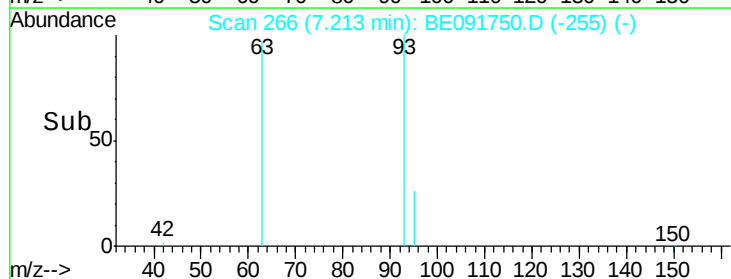
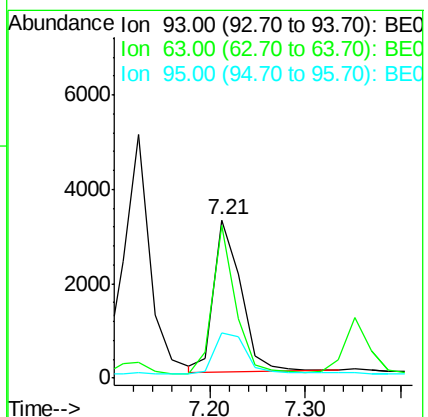
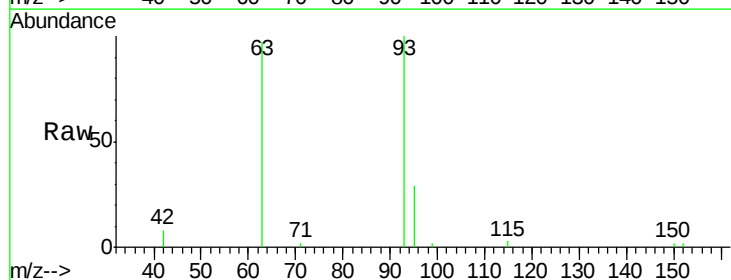
Tgt Ion: 93 Resp: 6310

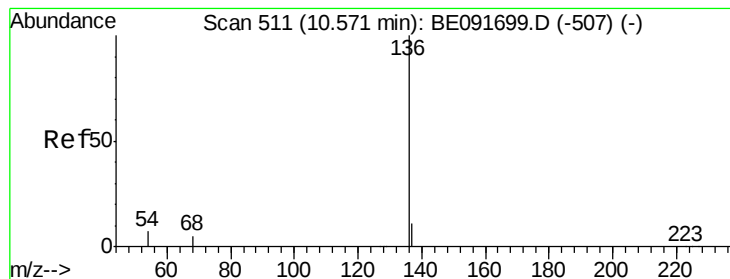
Ion Ratio Lower Upper

93 100

63 84.4 49.5 74.3#

95 30.8 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 267855

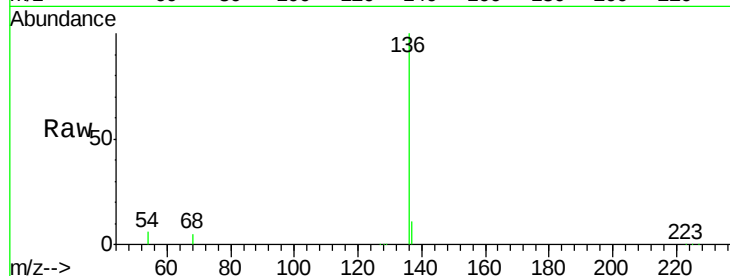
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.4 8.2 12.4#

68 4.9 6.2 9.4#

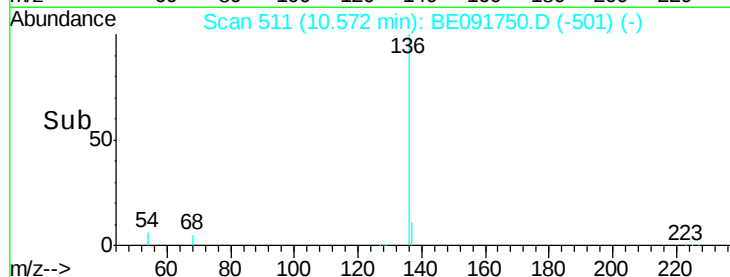


Abundance Ion 136.00 (135.70 to 136.70): E

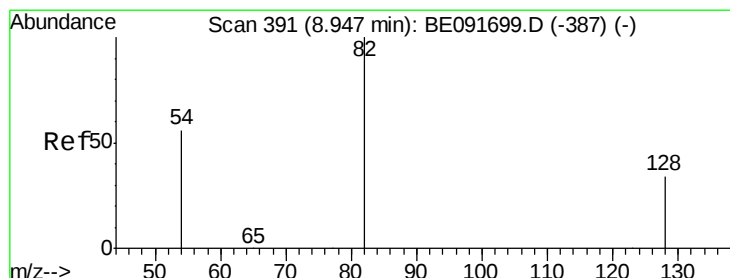
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.50 10.60 10.70



#8

Nitrobenzene-d5

Concen: 0.39 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

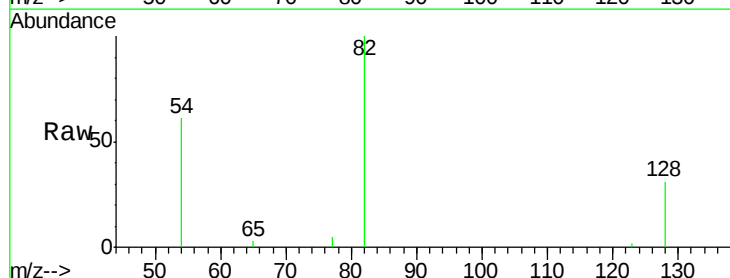
Tgt Ion: 82 Resp: 6780

Ion Ratio Lower Upper

82 100

128 31.1 25.4 38.0

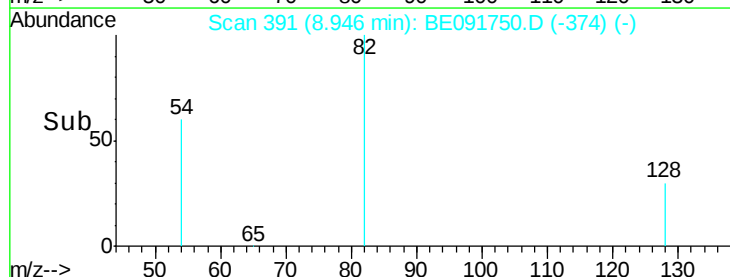
54 60.9 48.4 72.6



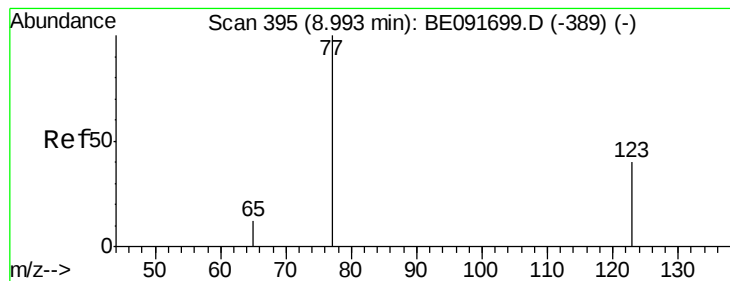
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.90 9.00 9.10



#9

Nitrobenzene

Concen: 0.38 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

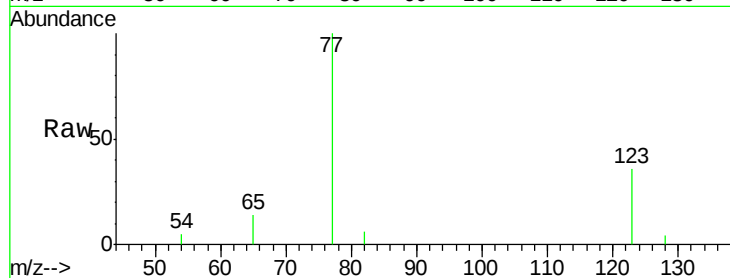
Tgt Ion: 77 Resp: 6824

Ion Ratio Lower Upper

77 100

123 36.3 26.9 40.3

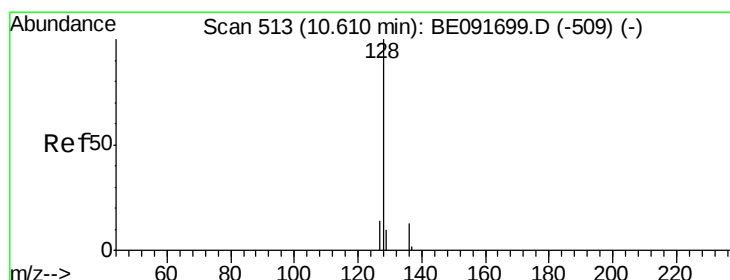
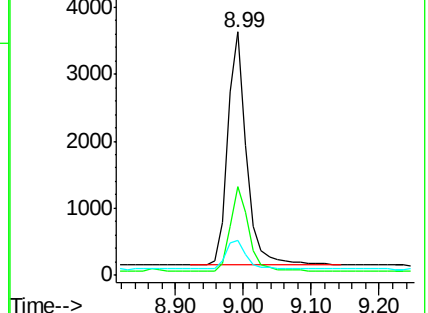
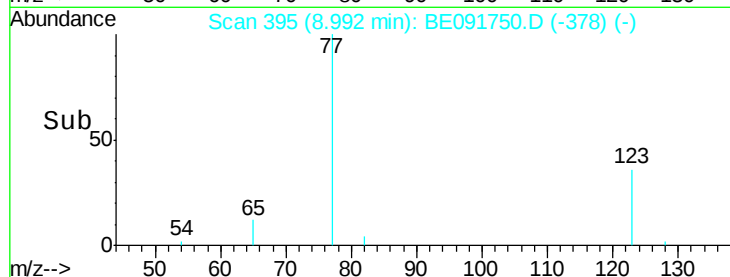
65 13.2 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

Ion 123.00 (122.70 to 123.70): BE091699.D (-389) (-)

Ion 65.00 (64.70 to 65.70): BE091699.D (-389) (-)



#10

Naphthalene

Concen: 0.41 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

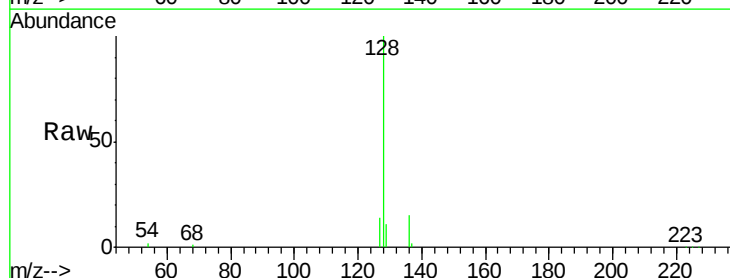
Tgt Ion: 128 Resp: 22426

Ion Ratio Lower Upper

128 100

129 10.8 9.3 13.9

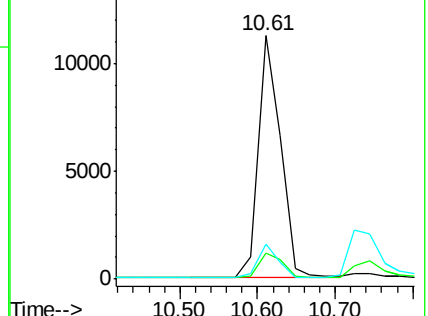
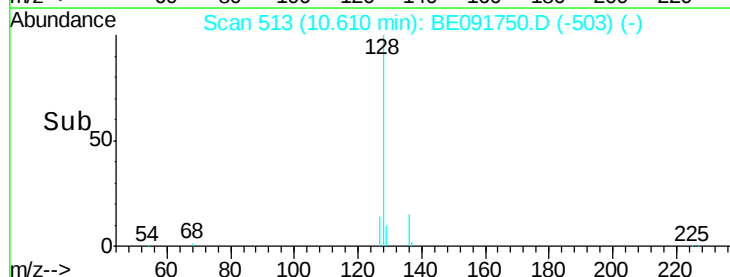
127 14.1 10.7 16.1

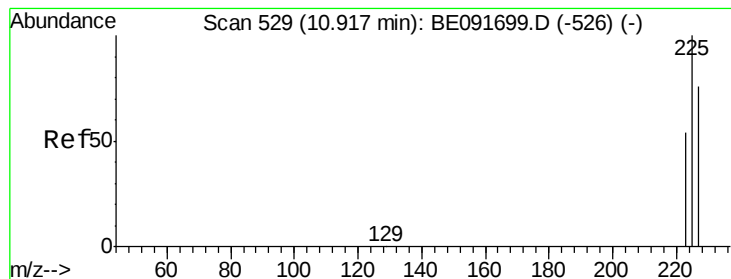


Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BE091699.D (-509) (-)





#11

Hexachlorobutadiene

Concen: 0.52 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

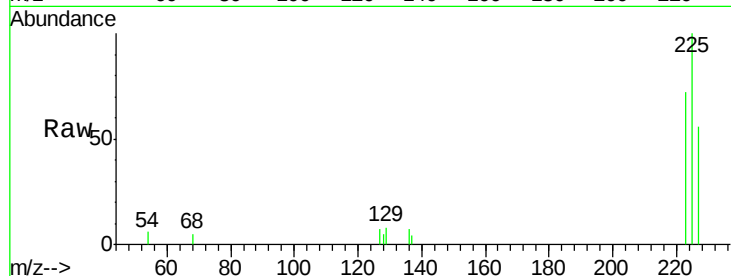
Tgt Ion: 225 Resp: 4143

Ion Ratio Lower Upper

225 100

223 67.4 49.0 73.6

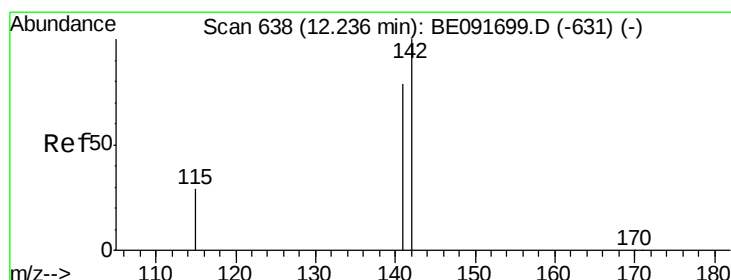
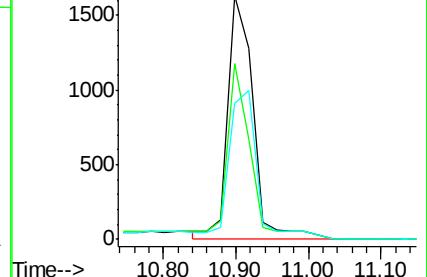
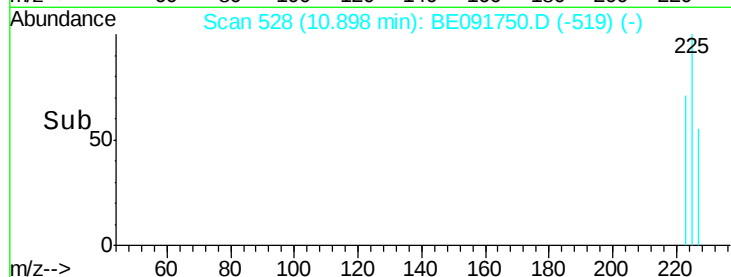
227 67.7 50.3 75.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.40 ng

RT: 12.23 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

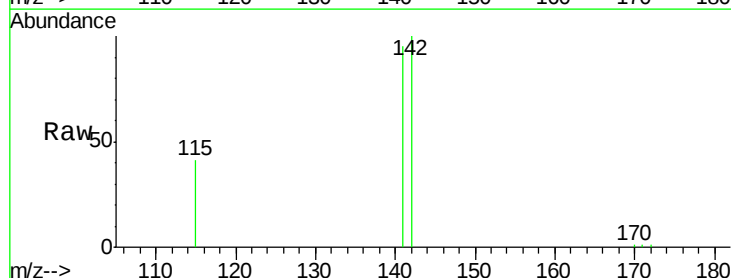
Tgt Ion: 142 Resp: 14048

Ion Ratio Lower Upper

142 100

141 94.7 71.4 107.0

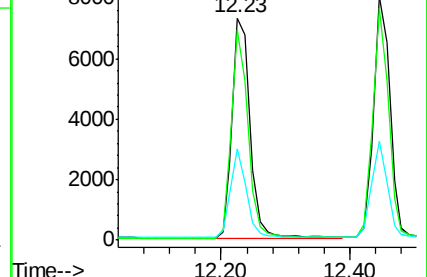
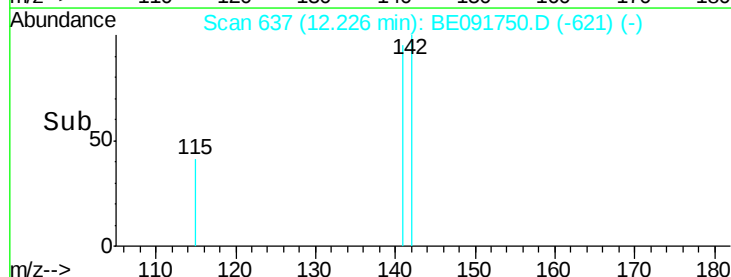
115 41.3 30.3 45.5

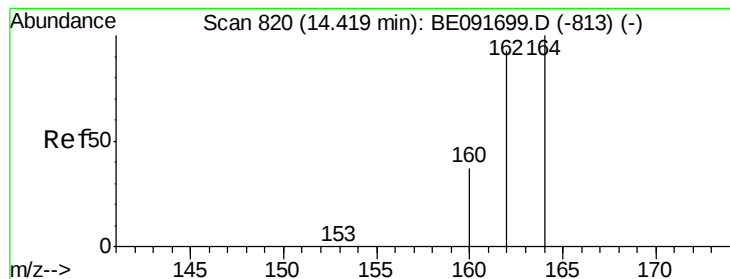


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

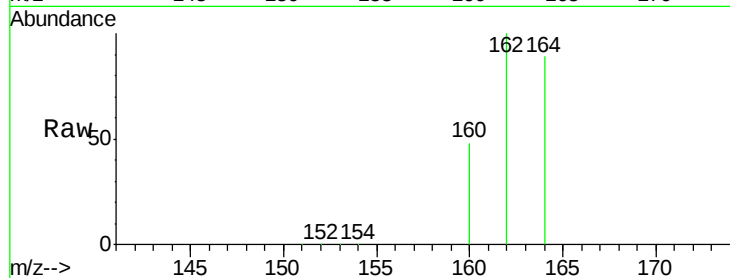
Tgt Ion:164 Resp: 155316

Ion Ratio Lower Upper

164 100

162 112.0 85.3 127.9

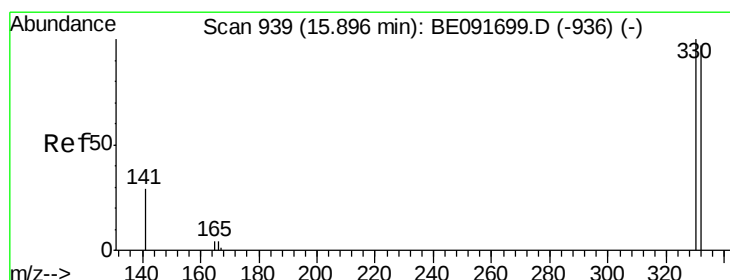
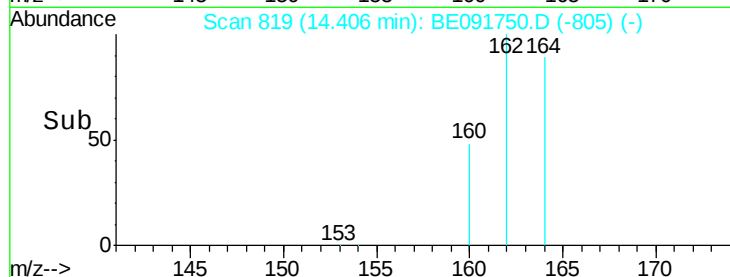
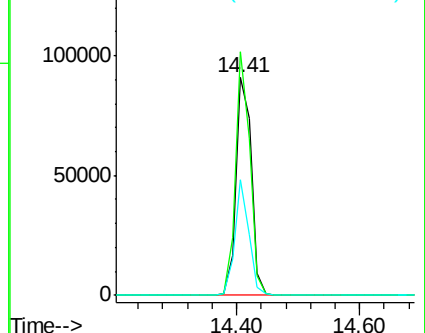
160 53.3 46.2 69.2



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: 0.48 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

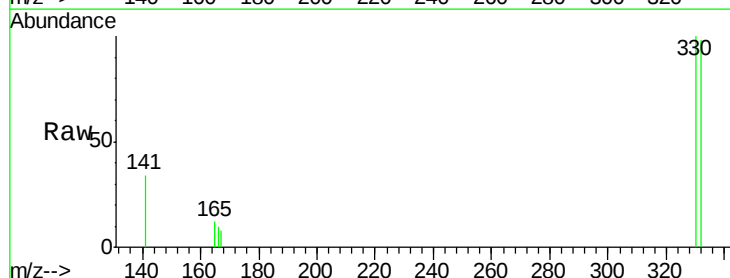
Tgt Ion:330 Resp: 1854

Ion Ratio Lower Upper

330 100

332 96.4 79.1 118.7

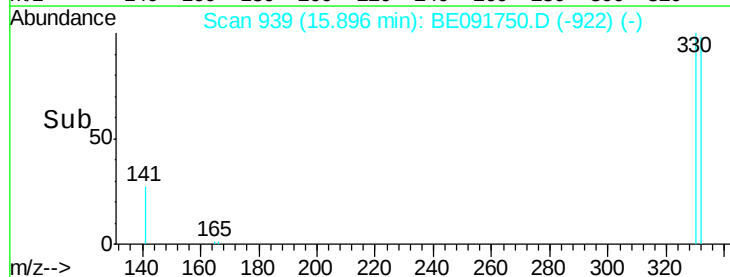
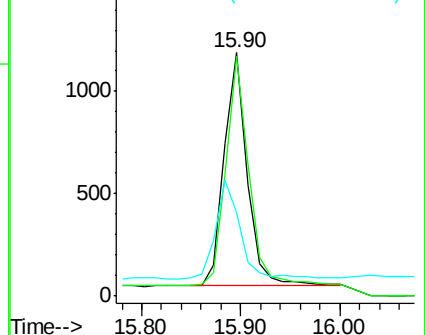
141 44.1 125.4 188.0#

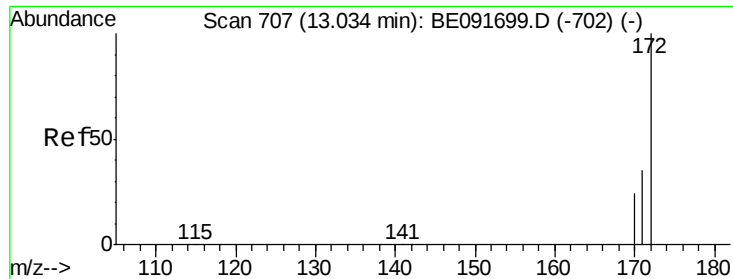


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

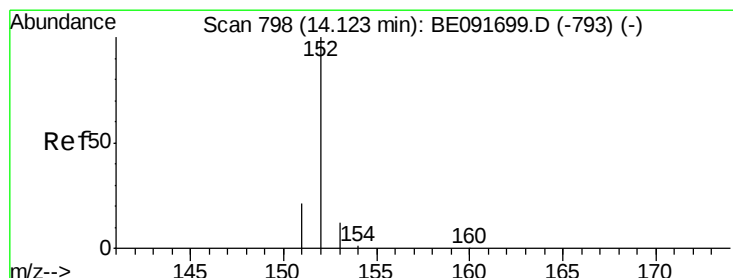
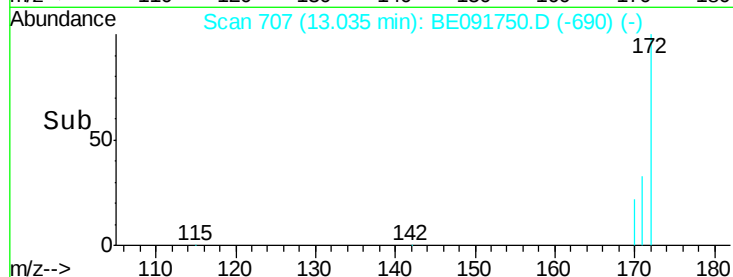
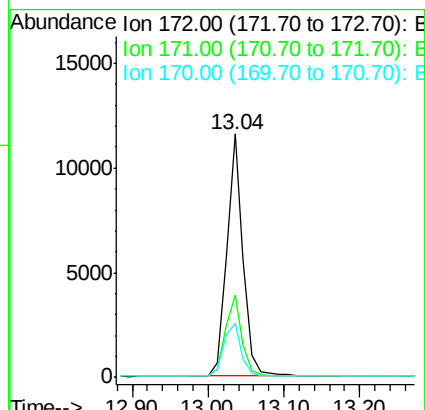
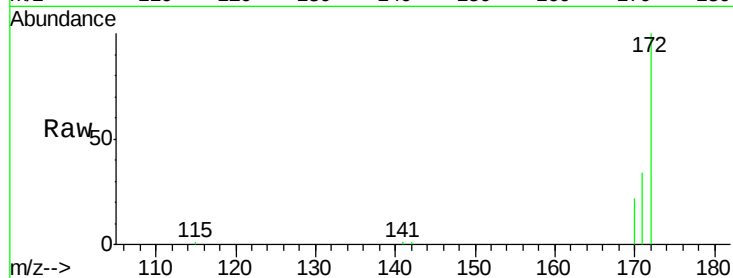




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

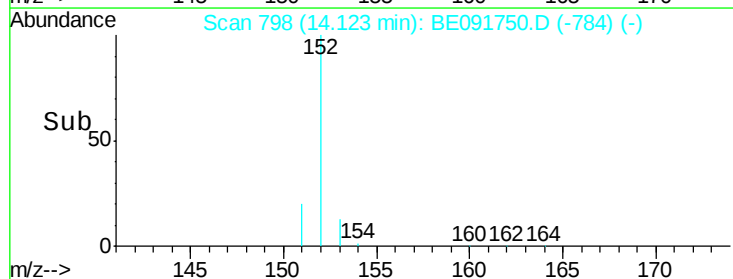
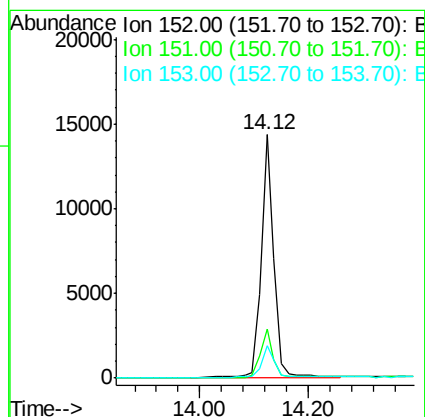
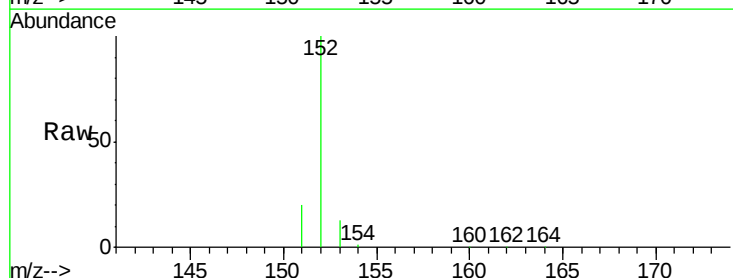
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

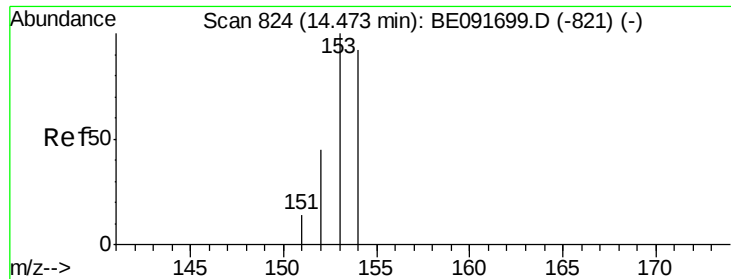
Tgt Ion:172 Resp: 17533
Ion Ratio Lower Upper
172 100
171 34.0 28.8 43.2
170 22.0 19.3 28.9



#16
Acenaphthylene
Concen: 0.43 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

Tgt Ion:152 Resp: 25532
Ion Ratio Lower Upper
152 100
151 22.1 3.9 5.9#
153 16.2 10.3 15.5#

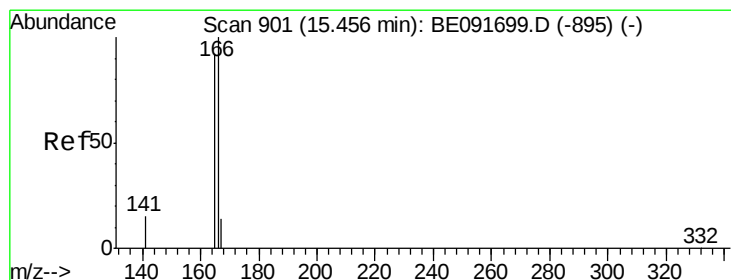
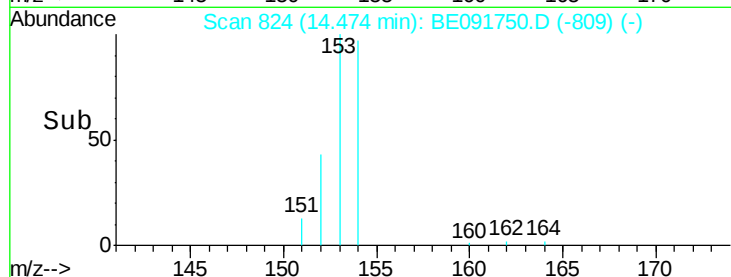
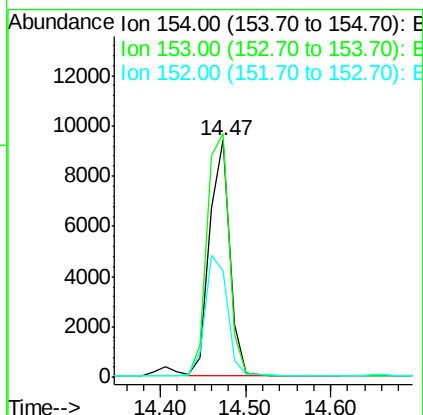
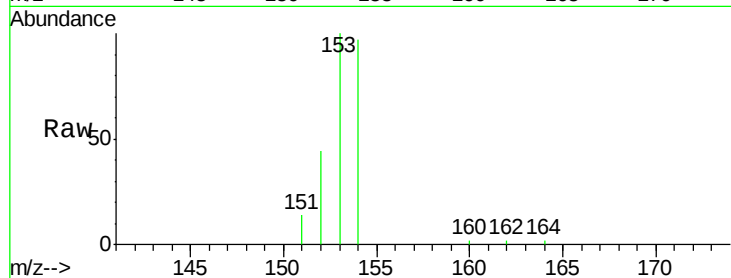




#17
Acenaphthene
Concen: 0.40 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

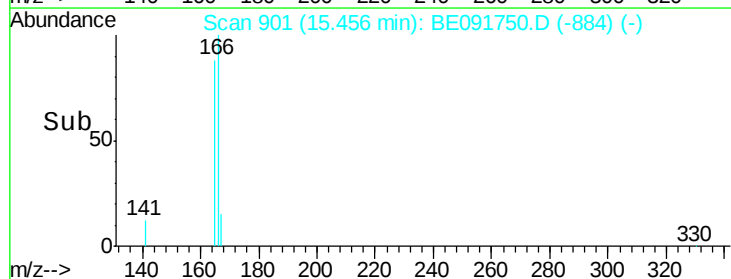
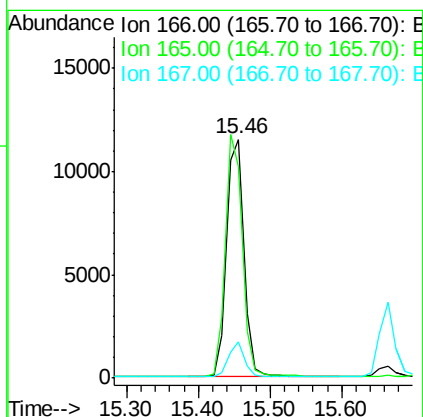
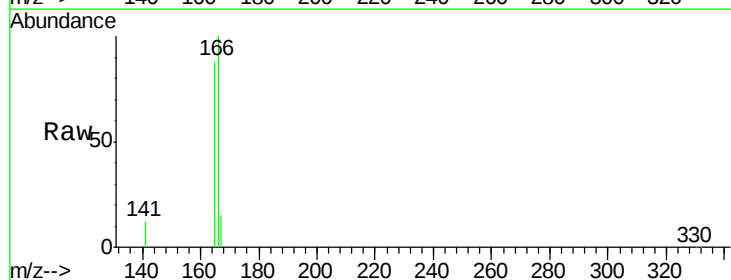
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

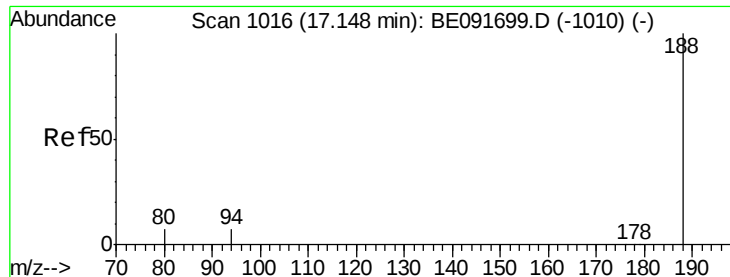
Tgt Ion:154 Resp: 15378
Ion Ratio Lower Upper
154 100
153 113.5 80.0 120.0
152 55.9 40.0 60.0



#18
Fluorene
Concen: 0.40 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

Tgt Ion:166 Resp: 19436
Ion Ratio Lower Upper
166 100
165 99.3 80.8 121.2
167 13.4 10.9 16.3

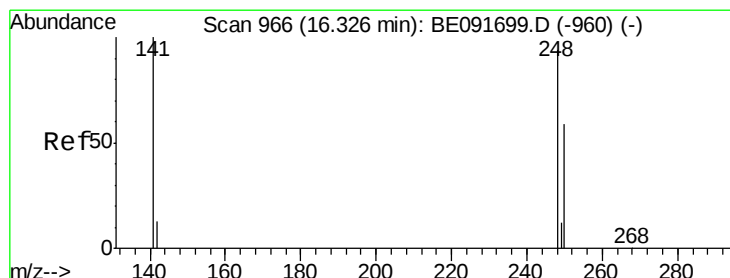
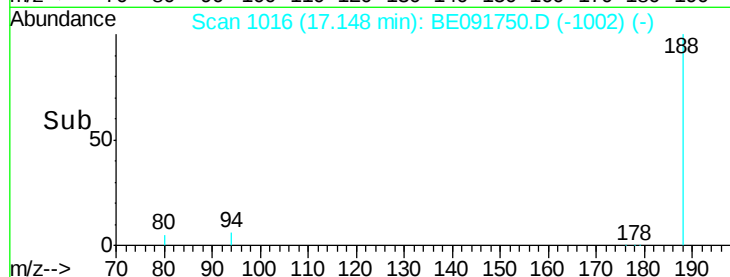
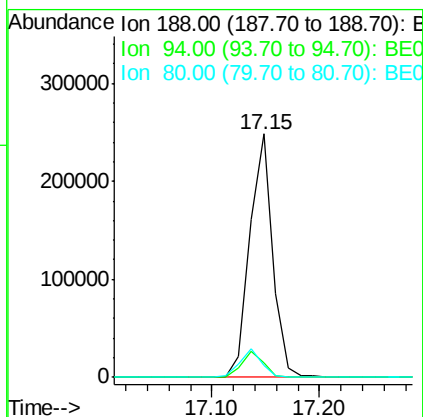
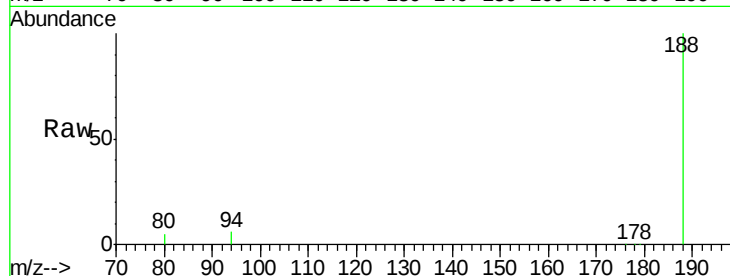




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

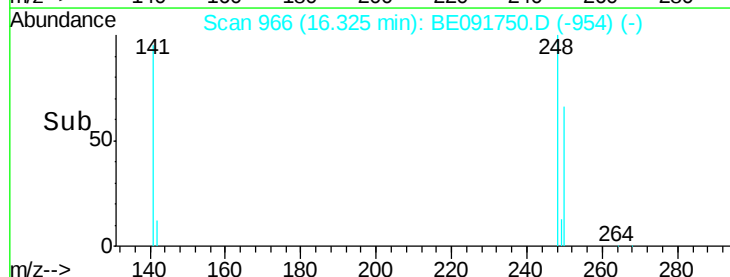
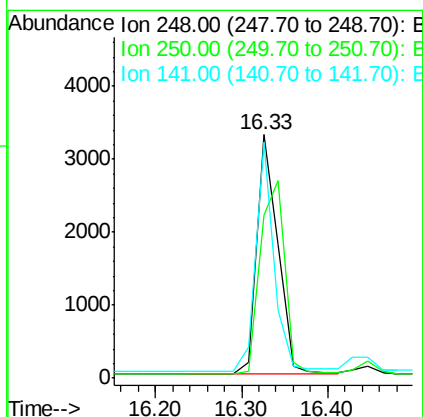
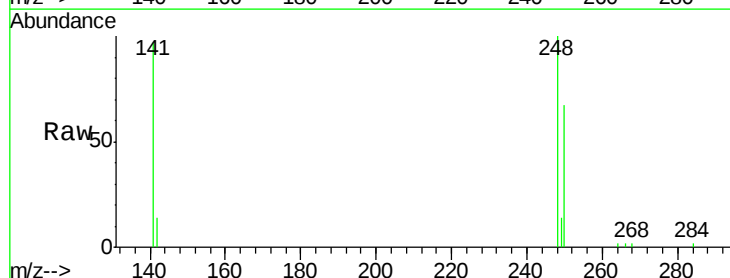
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

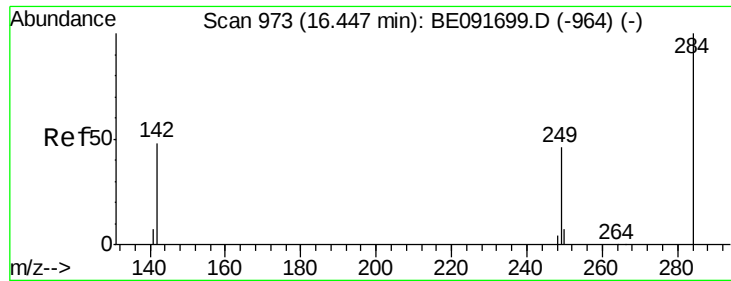
Tgt Ion:188 Resp: 368477
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 5.1 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.43 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

Tgt Ion:248 Resp: 5643
Ion Ratio Lower Upper
248 100
250 94.5 80.5 120.7
141 82.8 72.0 108.0

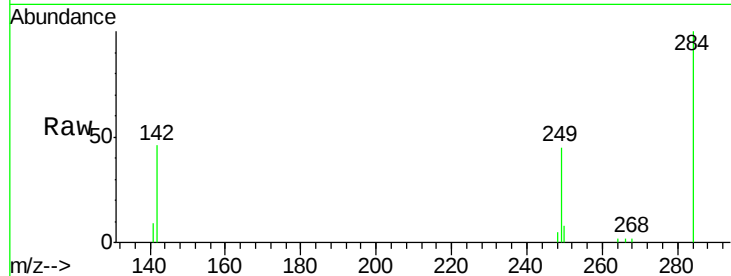




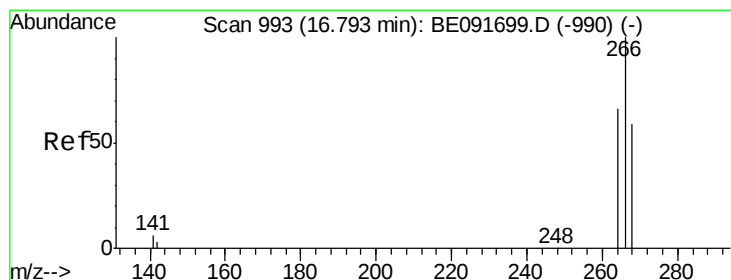
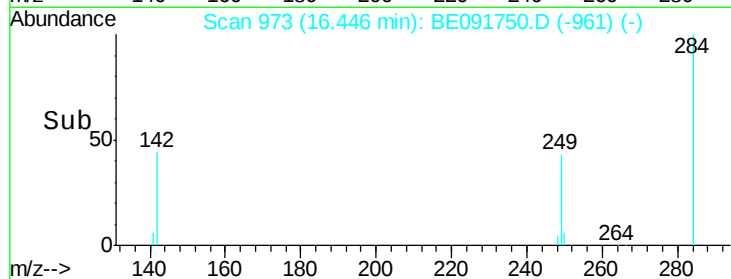
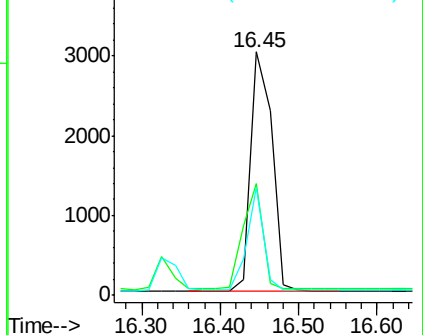
#21
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 5705
Ion Ratio Lower Upper
284 100
142 40.6 32.2 48.2
249 33.7 25.4 38.2

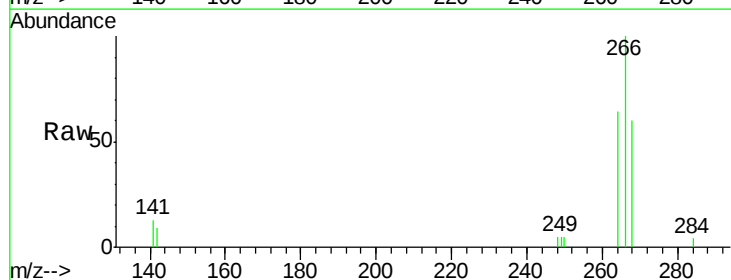


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

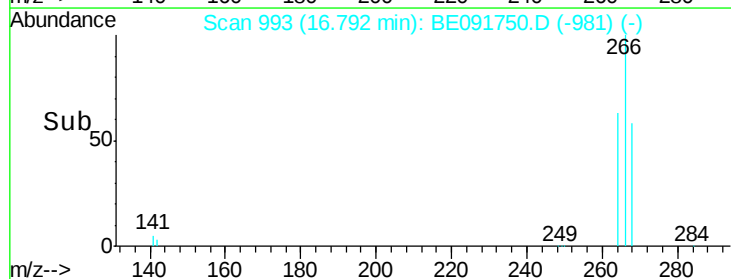
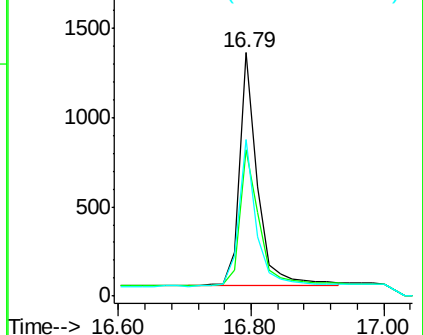


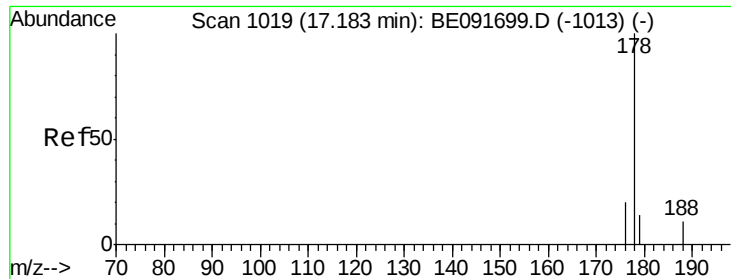
#22
Pentachlorophenol
Concen: 0.44 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

Tgt Ion: 266 Resp: 2478
Ion Ratio Lower Upper
266 100
268 60.1 58.2 87.2
264 64.2 56.2 84.4



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





#23

Phenanthrene

Concen: 0.41 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

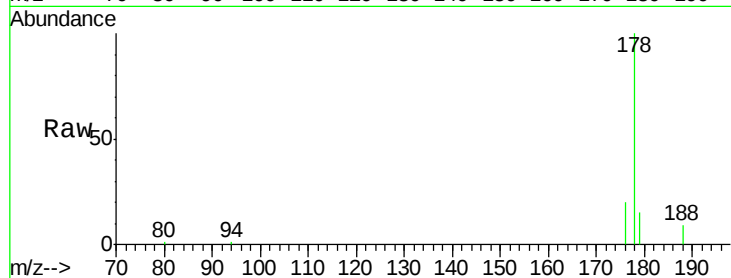
Tgt Ion:178 Resp: 34423

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

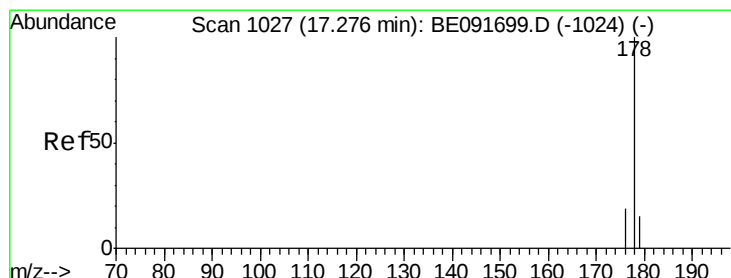
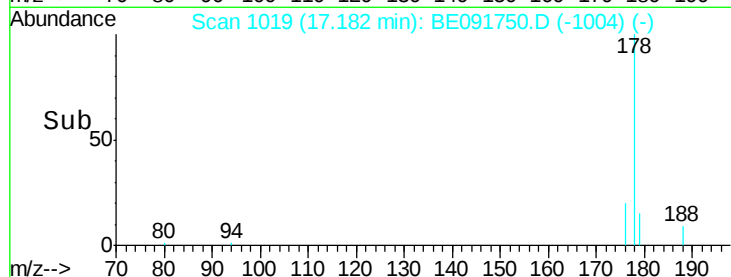
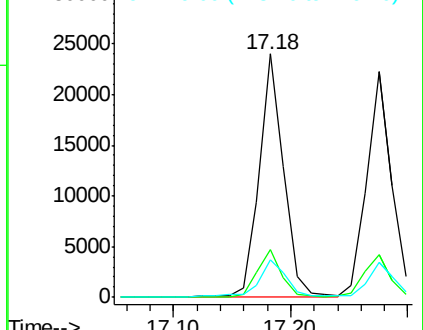
179 16.2 12.6 18.8



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: 0.44 ng

RT: 17.27 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

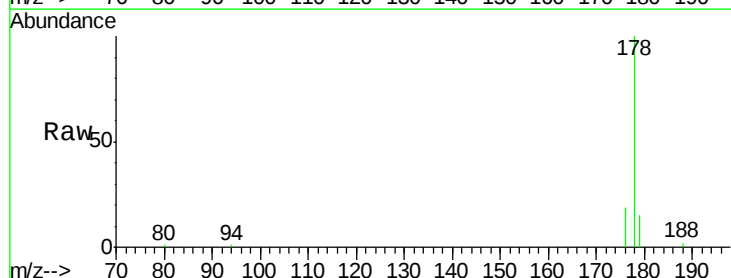
Tgt Ion:178 Resp: 32943

Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

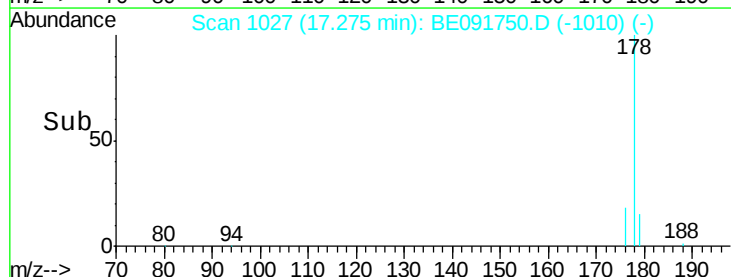
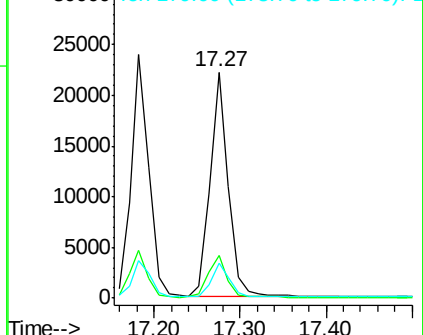
179 15.2 11.8 17.6

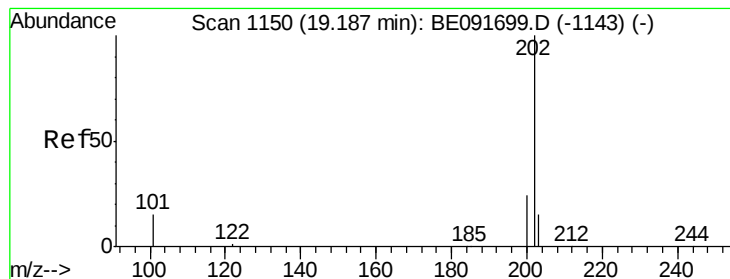


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.46 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

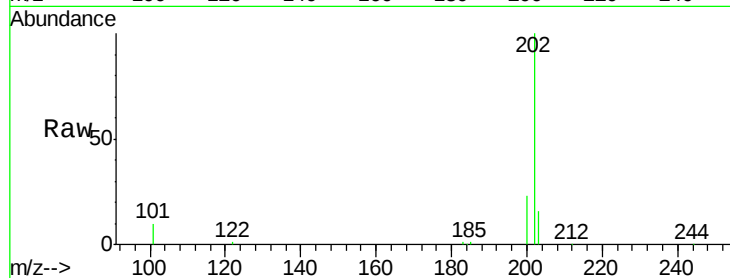
Tgt Ion:202 Resp: 40448

Ion Ratio Lower Upper

202 100

101 10.9 11.0 16.6#

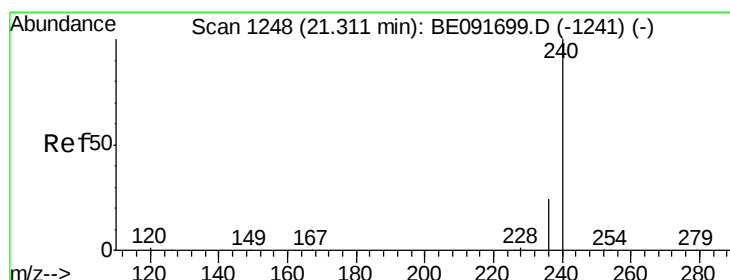
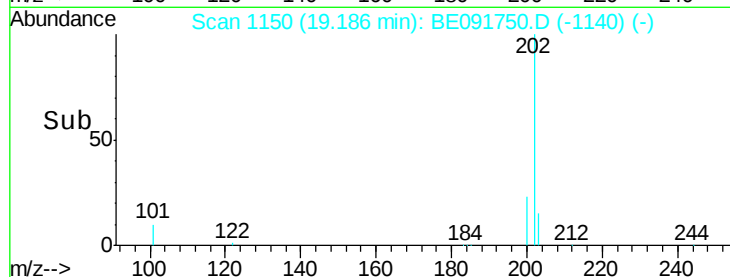
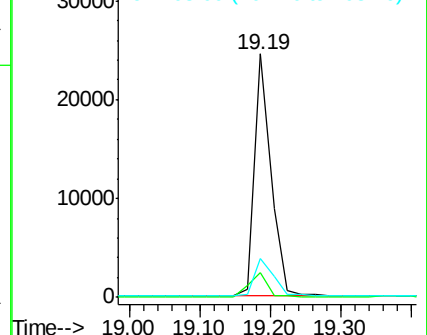
203 17.6 13.9 20.9



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: BE091750.D

Acq: 3 May 2016 19:18

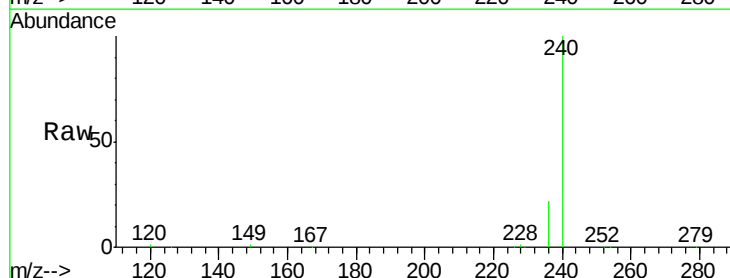
Tgt Ion:240 Resp: 383883

Ion Ratio Lower Upper

240 100

120 1.0 11.0 16.4#

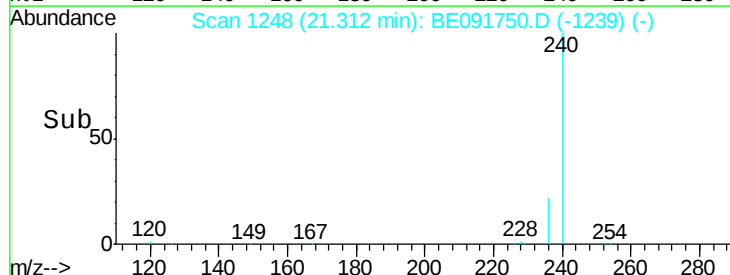
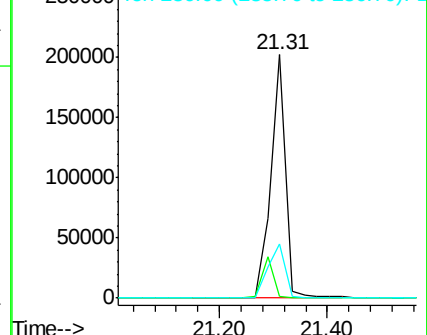
236 22.3 21.7 32.5

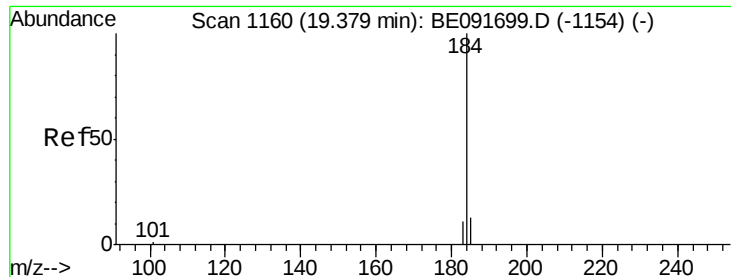


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.67 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

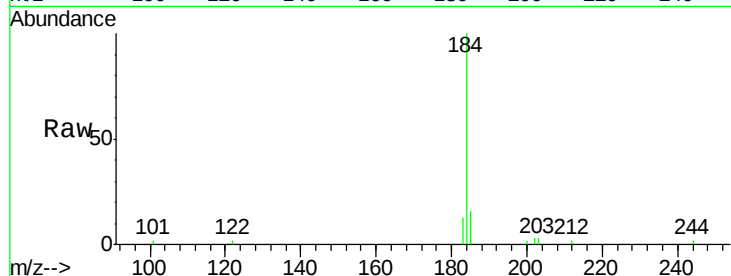
Tgt Ion:184 Resp: 15942

Ion Ratio Lower Upper

184 100

185 16.2 22.3 33.5#

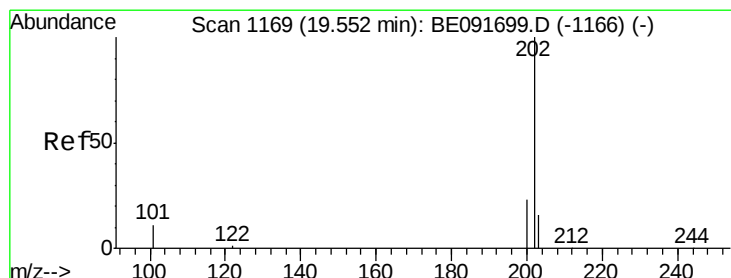
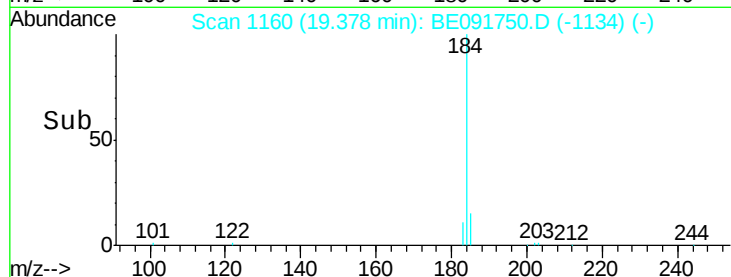
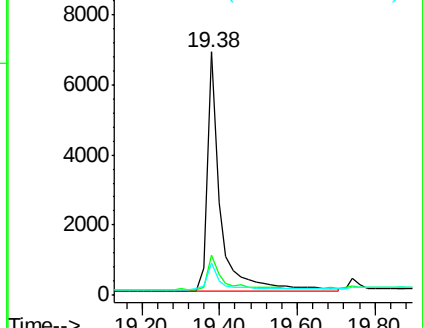
183 13.1 16.4 24.6#



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: 0.51 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

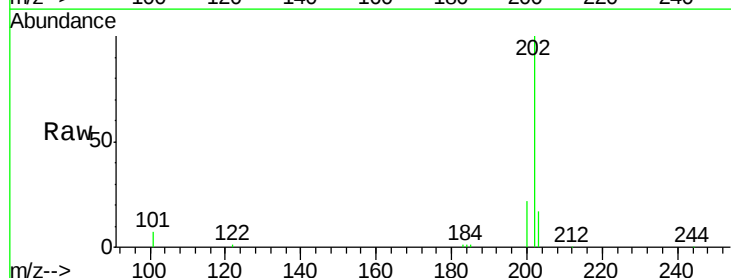
Tgt Ion:202 Resp: 43917

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

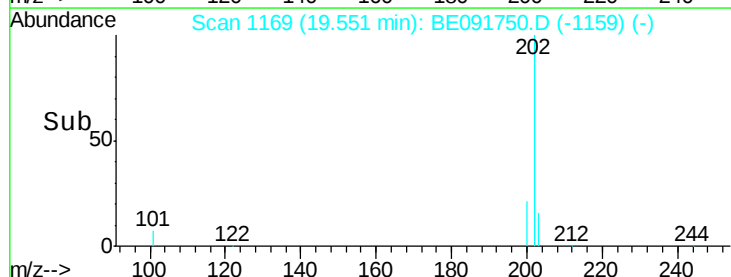
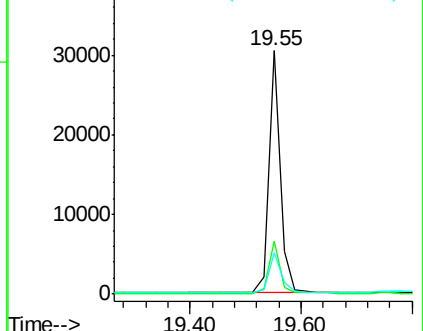
203 18.0 14.0 21.0

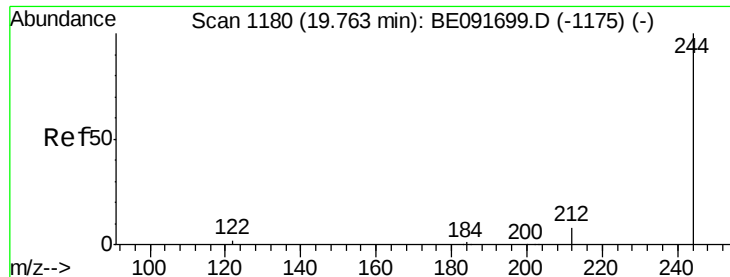


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.48 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

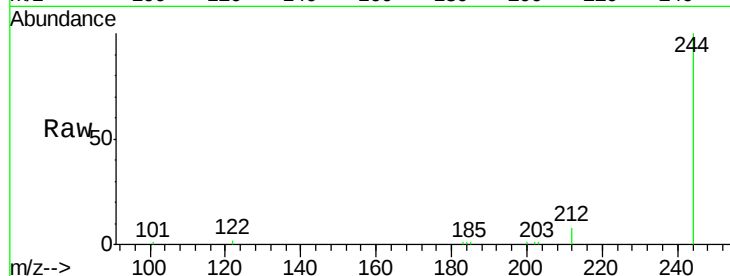
Tgt Ion:244 Resp: 28703

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

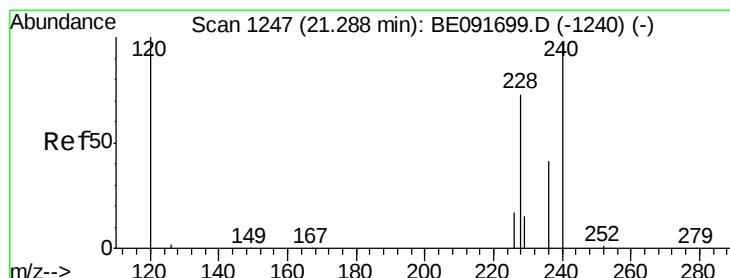
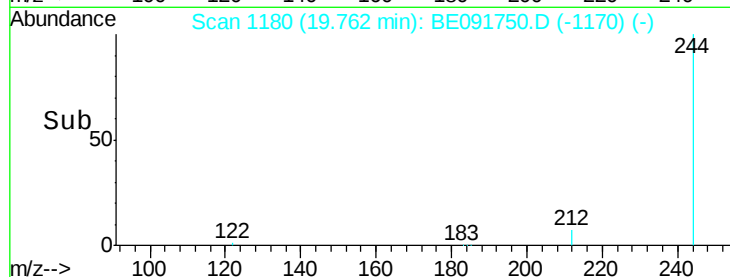
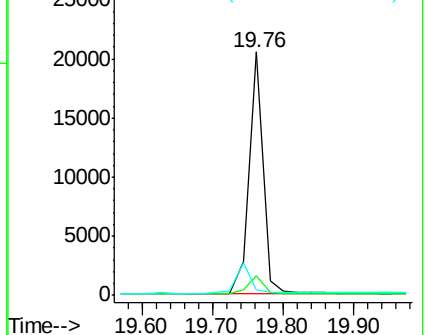
122 2.4 11.0 16.4#



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: 0.43 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

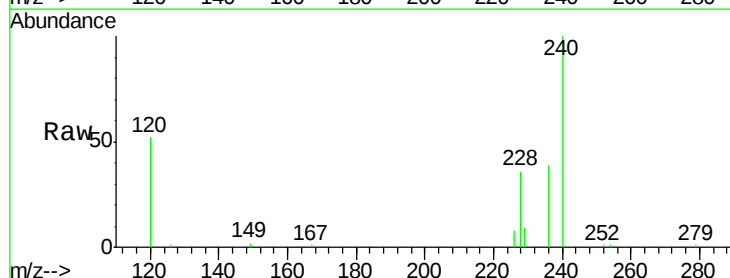
Tgt Ion:228 Resp: 40727

Ion Ratio Lower Upper

228 100

226 23.6 21.0 31.4

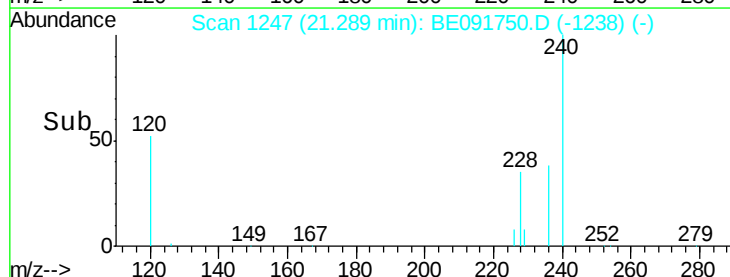
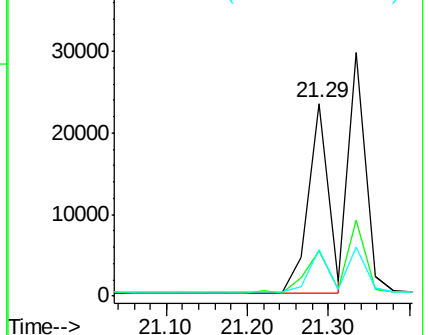
229 24.3 15.7 23.5#

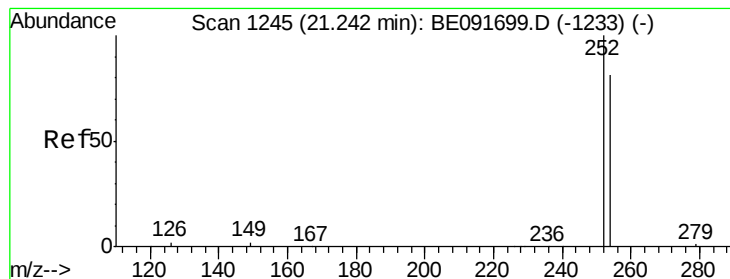


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.56 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

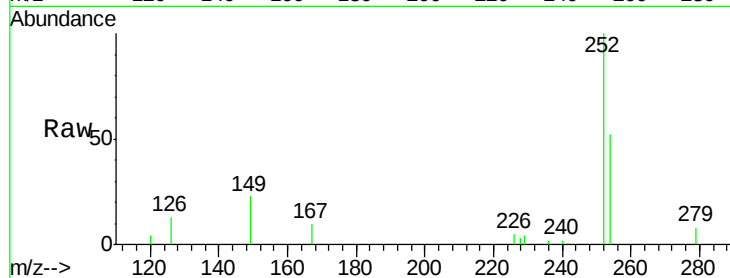
Tgt Ion:252 Resp: 26734

Ion Ratio Lower Upper

252 100

254 51.7 51.1 76.7

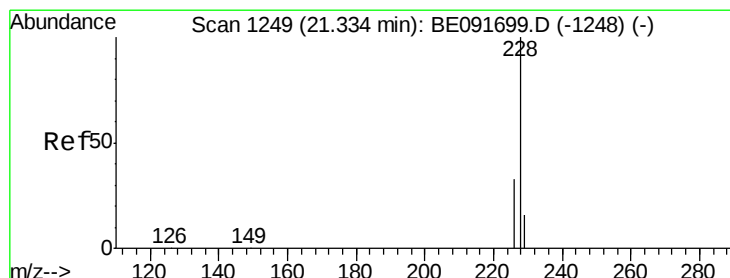
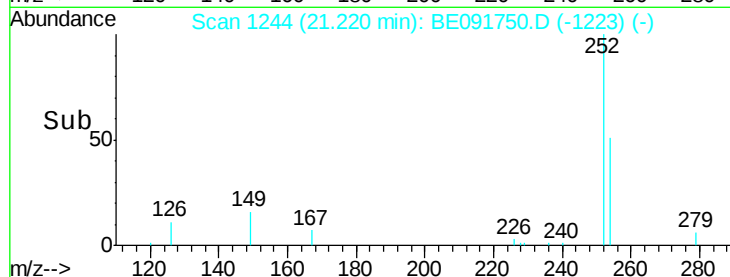
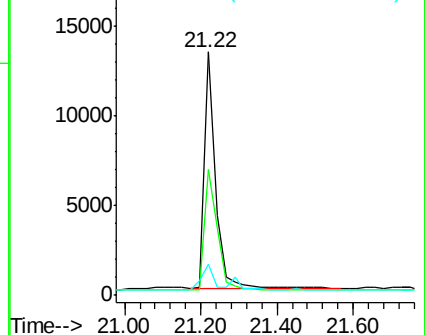
126 12.8 12.6 18.8



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



#32

Chrysene

Concen: 0.42 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.05 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

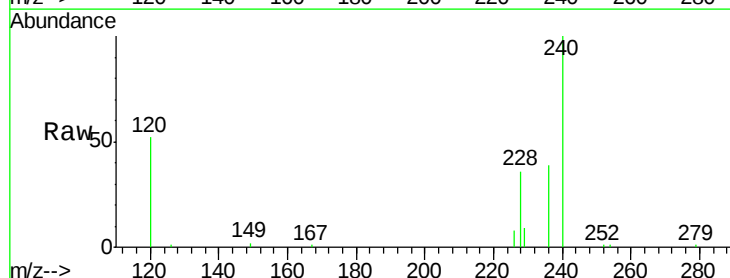
Tgt Ion:228 Resp: 40641

Ion Ratio Lower Upper

228 100

226 23.6 24.0 36.0#

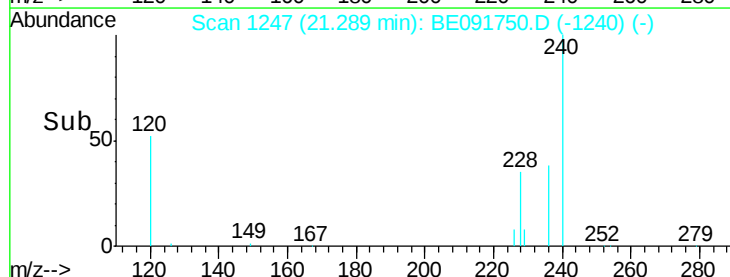
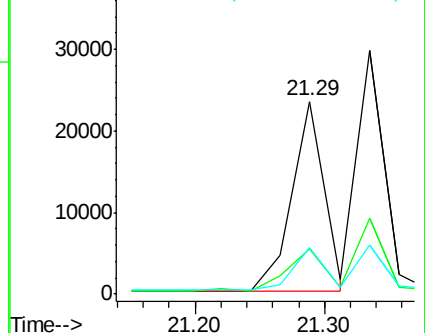
229 24.3 15.9 23.9#

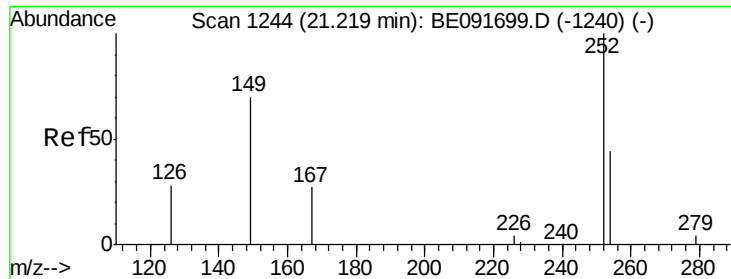


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

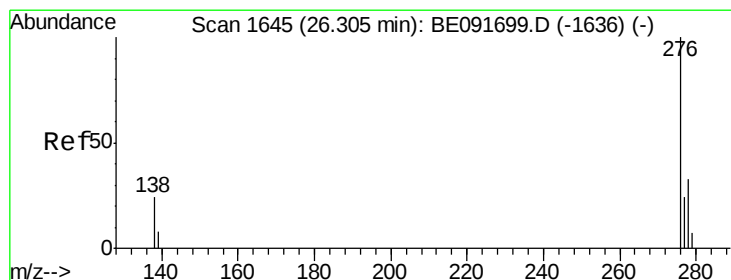
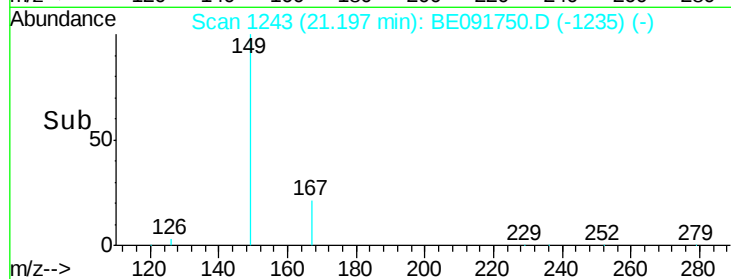
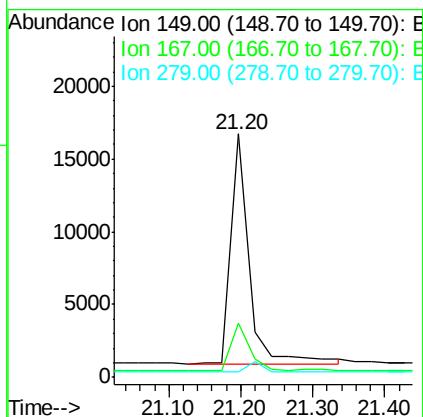
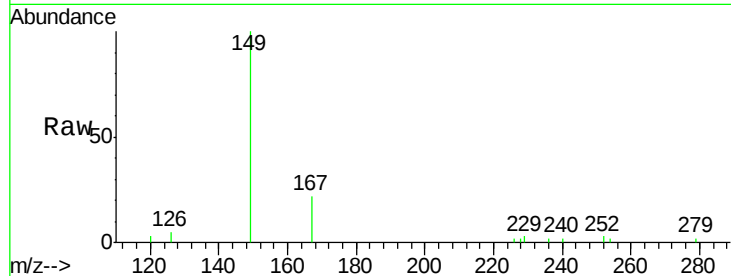




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.98 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091750.D
 Acq: 3 May 2016 19:18

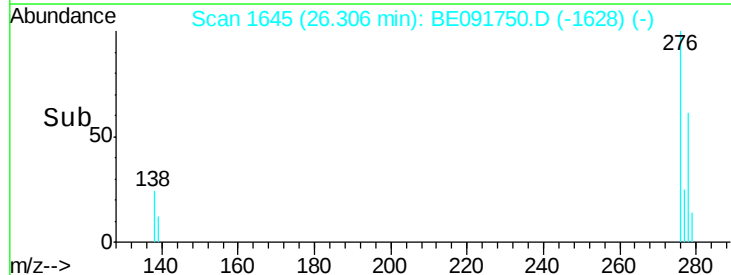
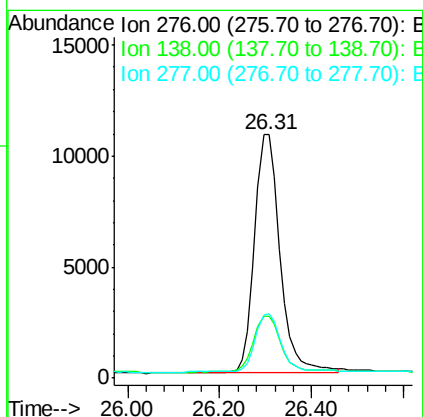
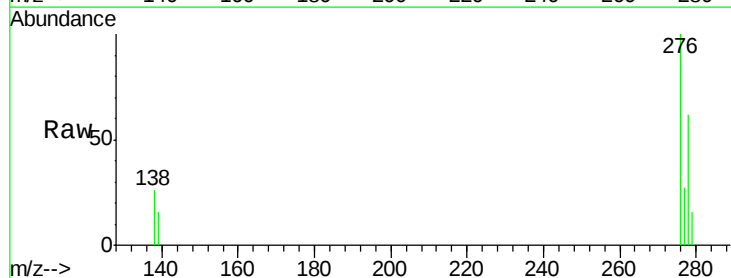
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

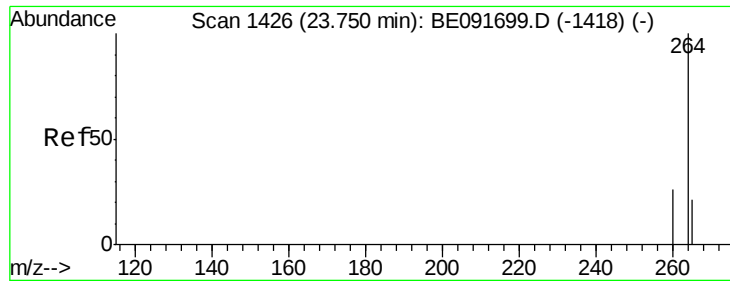
Tgt Ion:149 Resp: 27812
 Ion Ratio Lower Upper
 149 100
 167 20.9 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.47 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE091750.D
 Acq: 3 May 2016 19:18

Tgt Ion:276 Resp: 41199
 Ion Ratio Lower Upper
 276 100
 138 26.4 23.4 35.2
 277 24.3 19.8 29.8

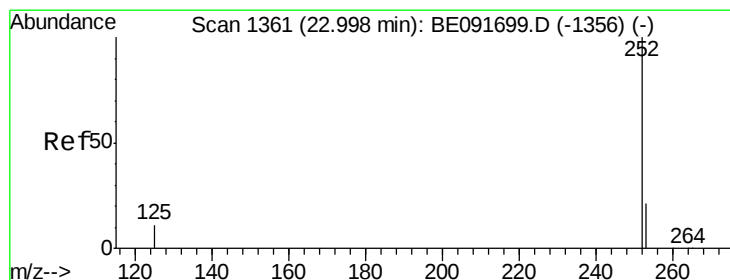
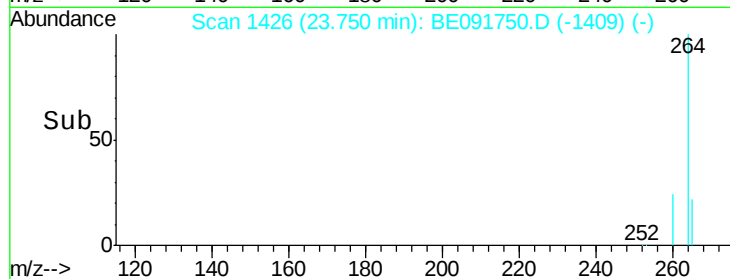
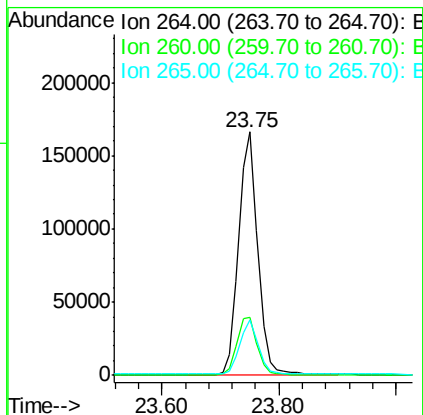
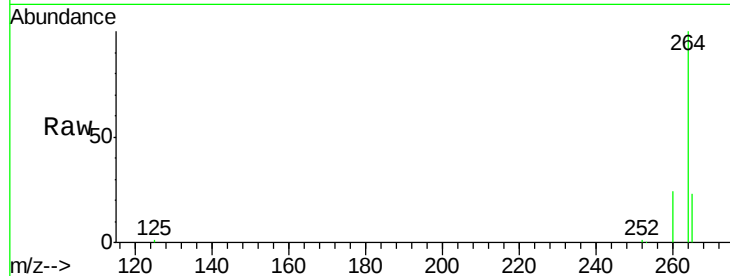




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BE091750.D
 Acq: 3 May 2016 19:18

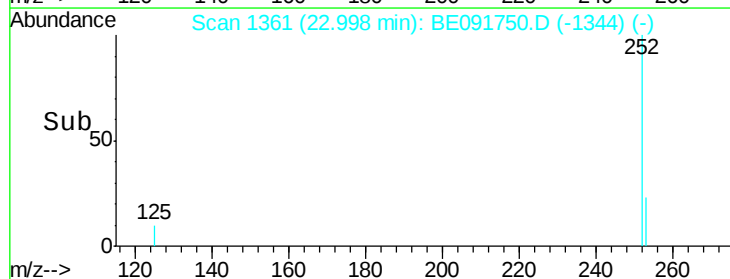
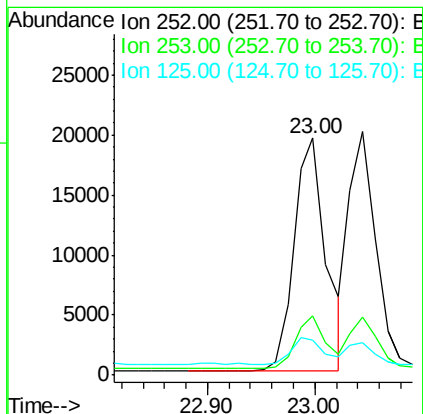
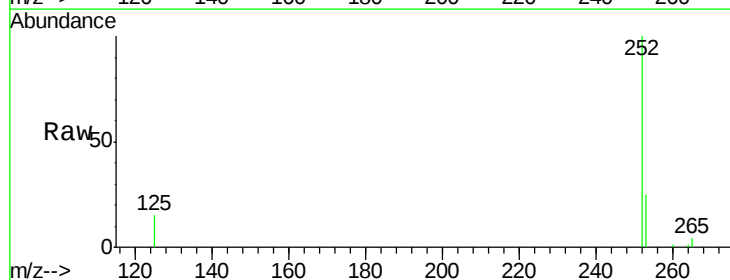
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

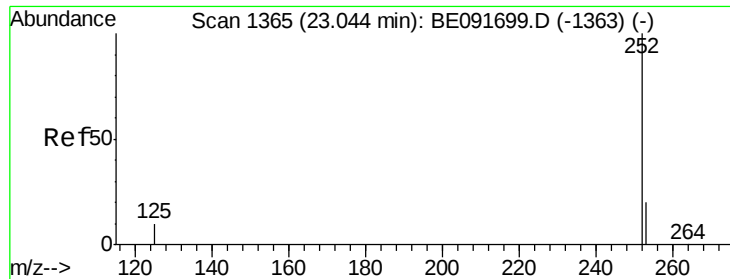
Tgt Ion: 264 Resp: 376167
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.0 30.0
 265 22.8 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.45 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BE091750.D
 Acq: 3 May 2016 19:18

Tgt Ion: 252 Resp: 39920
 Ion Ratio Lower Upper
 252 100
 253 25.3 17.4 26.0
 125 14.9 10.2 15.2

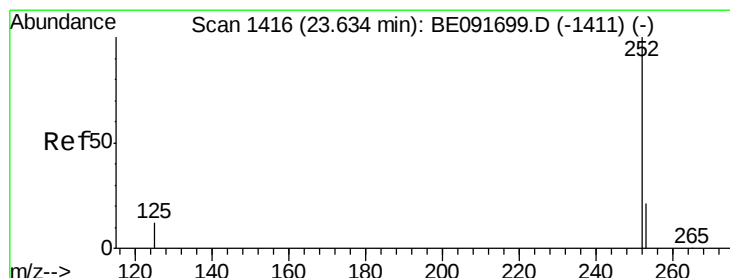
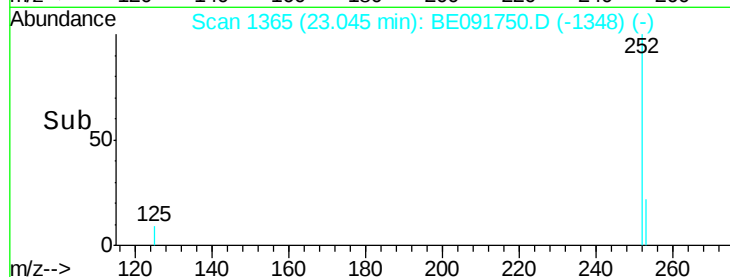
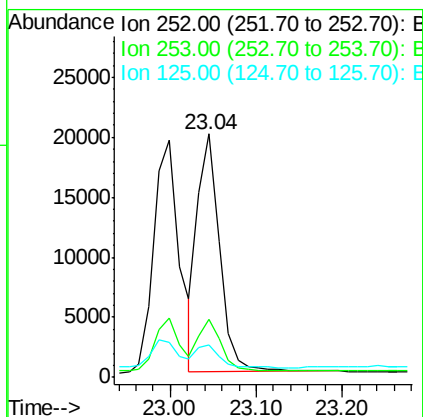
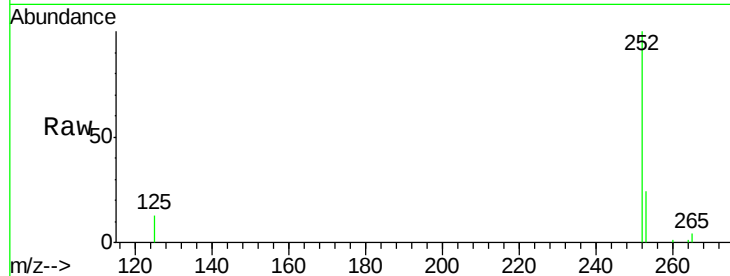




#37
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.04 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

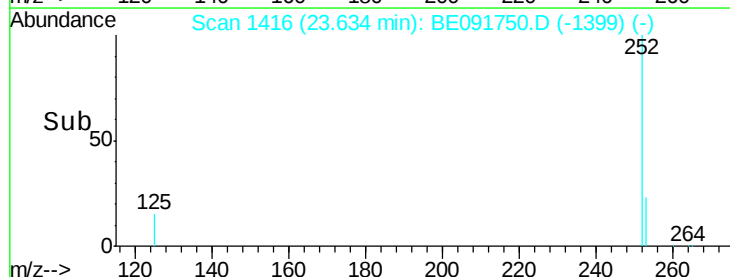
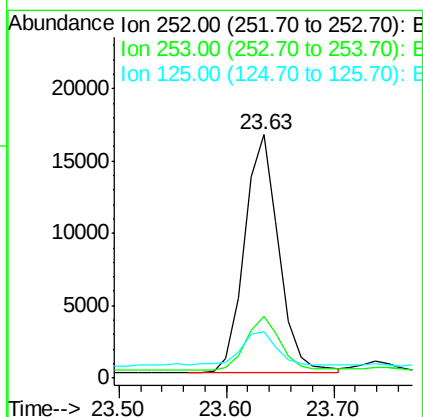
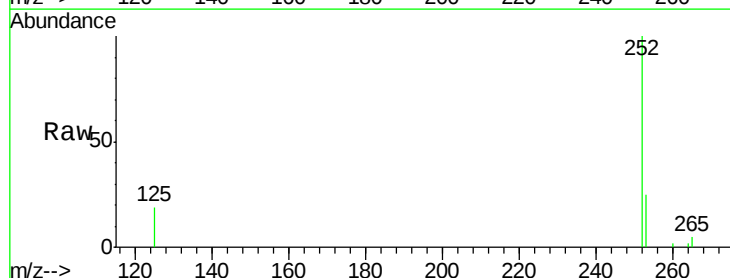
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

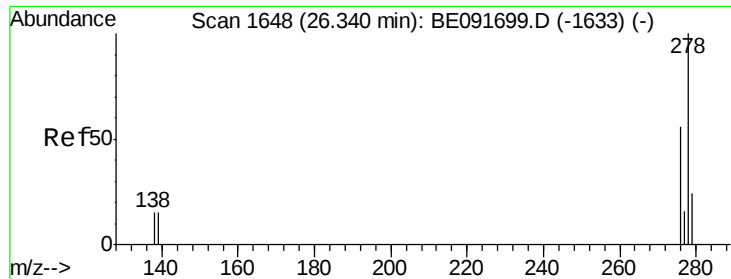
Tgt Ion:252 Resp: 35636
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 13.3 9.9 14.9



#38
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.63 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE091750.D
Acq: 3 May 2016 19:18

Tgt Ion:252 Resp: 36184
Ion Ratio Lower Upper
252 100
253 25.5 18.1 27.1
125 19.2 11.0 16.4#





#39

Dibenzo(a,h)anthracene

Concen: 0.43 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

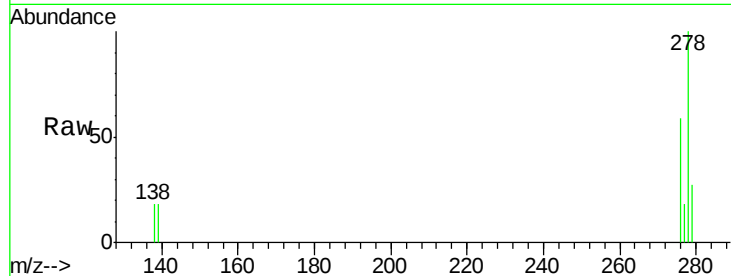
Tgt Ion: 278 Resp: 33536

Ion Ratio Lower Upper

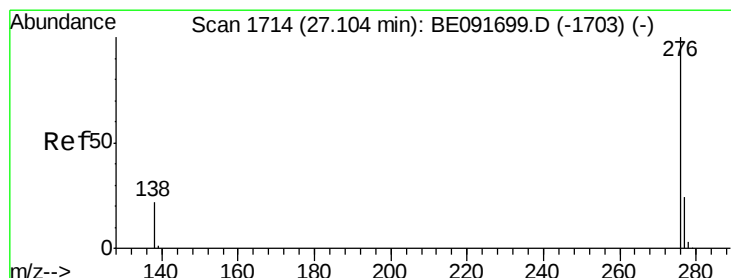
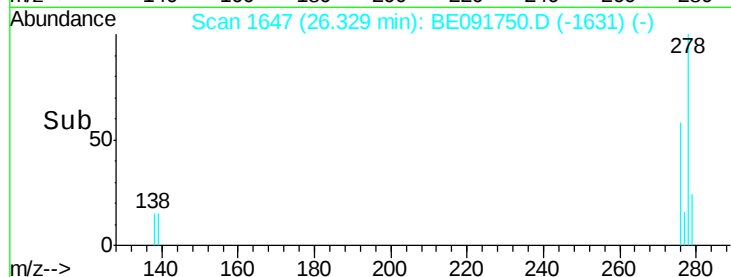
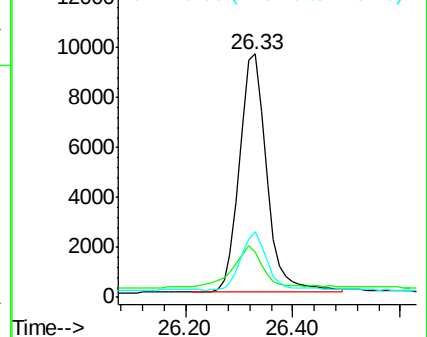
278 100

139 18.4 16.0 24.0

279 26.7 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: 0.43 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091750.D

Acq: 3 May 2016 19:18

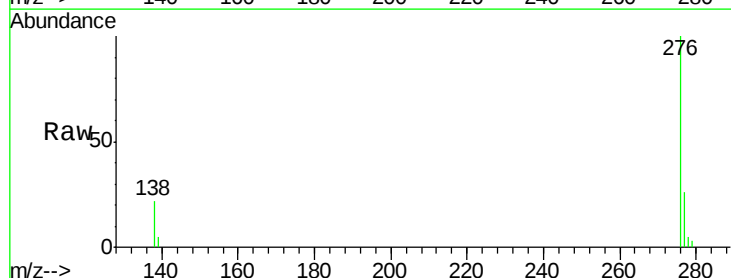
Tgt Ion: 276 Resp: 34462

Ion Ratio Lower Upper

276 100

277 26.3 18.6 28.0

138 22.3 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

