

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091815.D
 Acq On : 19 May 2016 18:13
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 20 04:48:28 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	21606	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	114295	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	79512	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	207374	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	277980	5.00	ng	-0.02
35) Perylene-d12	23.73	264	238864	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2174	0.39	ng	0.00
5) Phenol-d6	6.95	99	2965	0.37	ng	0.00
8) Nitrobenzene-d5	8.95	82	2766	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1047	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	8625	0.38	ng	-0.01
29) Terphenyl-d14	19.74	244	15349	0.39	ng	-0.02

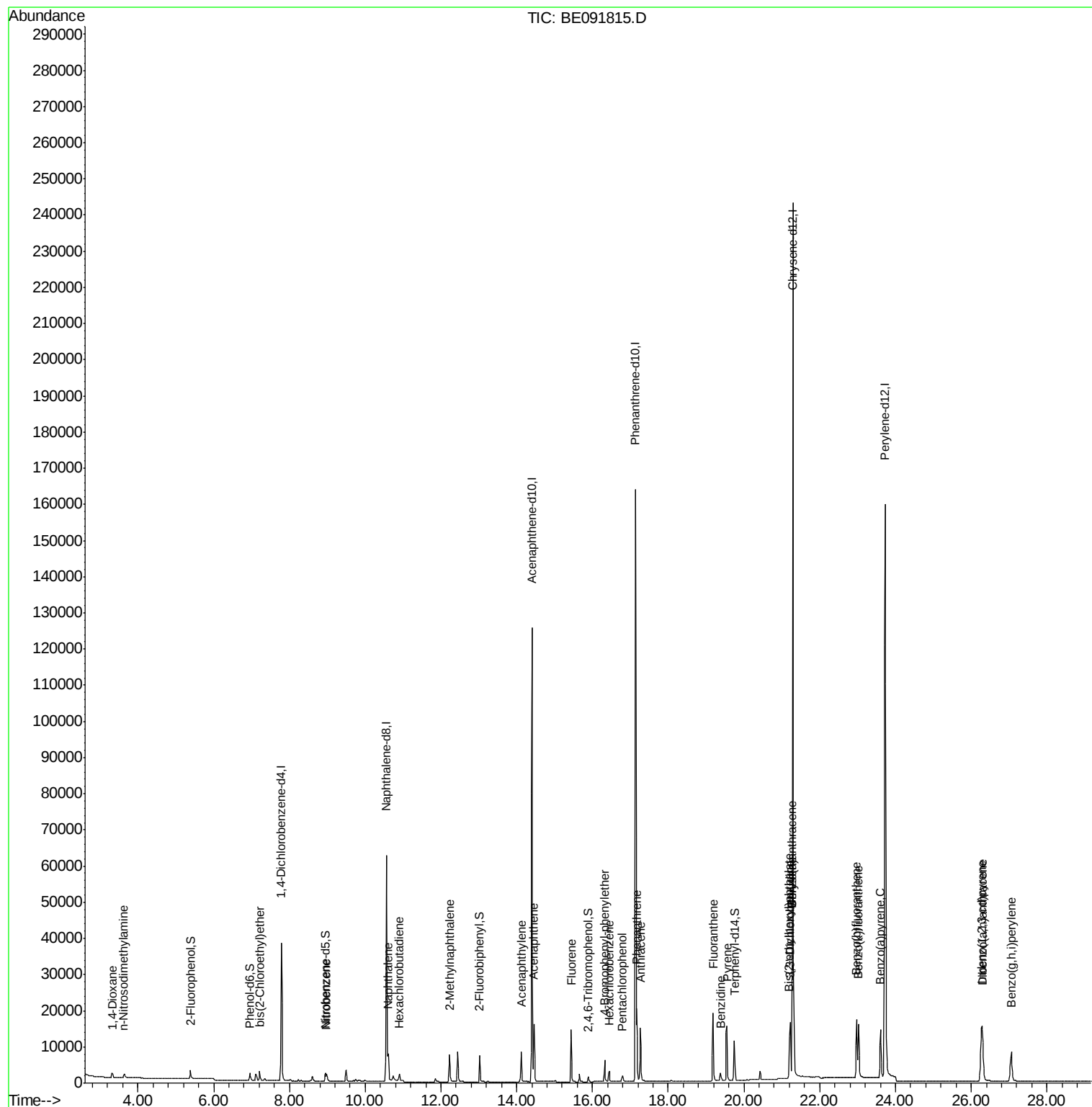
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	1095	0.44	ng	# 95
3) n-Nitrosodimethylamine	3.63	42	1187	0.34	ng	# 95
6) bis(2-Chloroethyl)ether	7.21	93	2311	0.36	ng	# 77
9) Nitrobenzene	8.98	77	2810	0.36	ng	94
10) Naphthalene	10.61	128	9799	0.39	ng	99
11) Hexachlorobutadiene	10.90	225	2003	0.53	ng	# 83
12) 2-Methylnaphthalene	12.22	142	6512	0.38	ng	96
16) Acenaphthylene	14.12	152	13558	0.38	ng	# 78
17) Acenaphthene	14.46	154	7862	0.37	ng	86
18) Fluorene	15.44	166	10282	0.37	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	3136	0.40	ng	95
21) Hexachlorobenzene	16.45	284	3317	0.41	ng	98
22) Pentachlorophenol	16.79	266	1354	0.41	ng	92
23) Phenanthrene	17.17	178	20408	0.41	ng	98
24) Anthracene	17.26	178	17987	0.40	ng	99
25) Fluoranthene	19.19	202	22033	0.40	ng	97
27) Benzidine	19.38	184	4797	0.29	ng	# 82
28) Pyrene	19.55	202	22809	0.37	ng	99
30) Benzo(a)anthracene	21.27	228	48482	0.72	ng	93
31) 3,3'-Dichlorobenzidine	21.22	252	15695	0.37	ng	# 94
32) Chrysene	21.27	228	48792	0.88	ng	97
33) Bis(2-ethylhexyl)phthalate	21.20	149	11903	0.54	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.27	276	25482	0.37	ng	95
36) Benzo(b)fluoranthene	22.97	252	23024	0.39	ng	96
37) Benzo(k)fluoranthene	23.02	252	23754	0.39	ng	98
38) Benzo(a)pyrene	23.61	252	21618	0.38	ng	97
39) Dibenzo(a,h)anthracene	26.29	278	20926	0.38	ng	96
40) Benzo(g,h,i)perylene	27.06	276	21760	0.38	ng	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

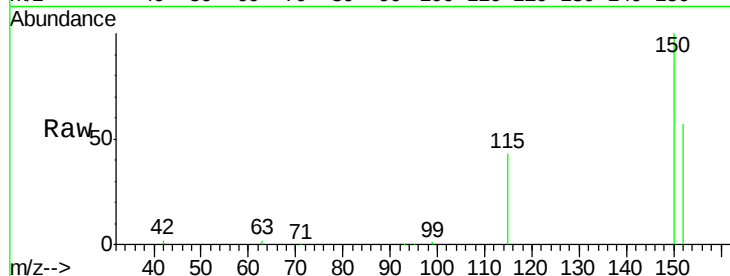
Tgt Ion:152 Resp: 21606

Ion Ratio Lower Upper

152 100

150 174.3 122.6 183.8

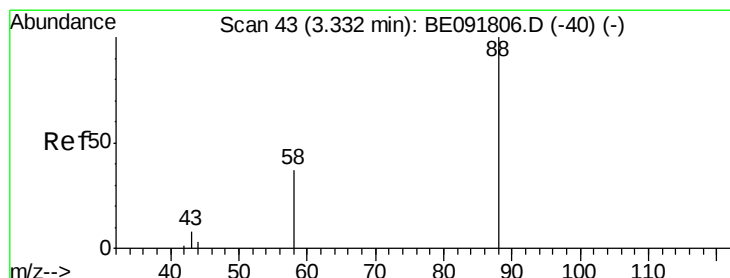
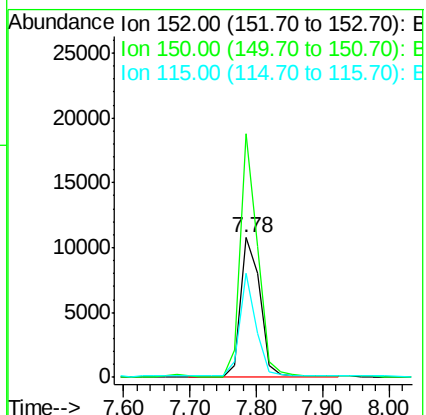
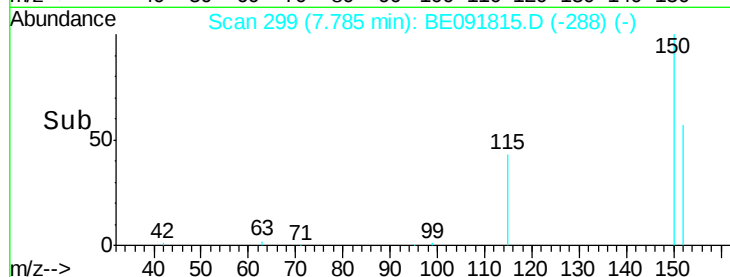
115 74.9 52.8 79.2



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: 0.44 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

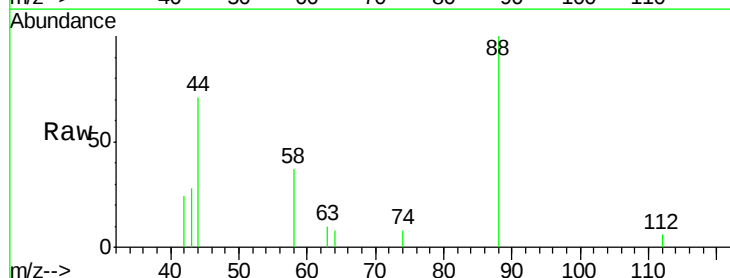
Tgt Ion: 88 Resp: 1095

Ion Ratio Lower Upper

88 100

58 79.7 65.8 98.6

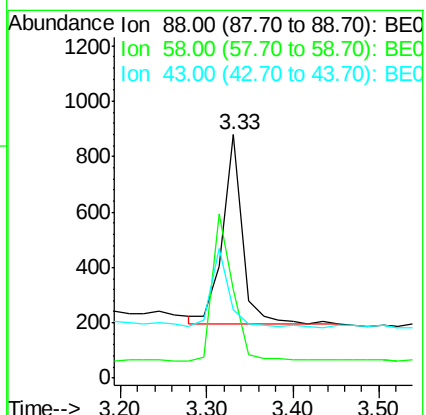
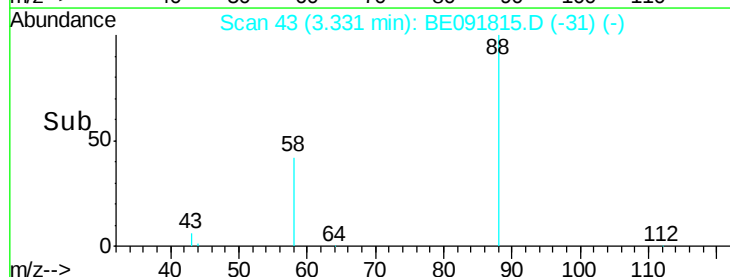
43 38.1 25.3 37.9#

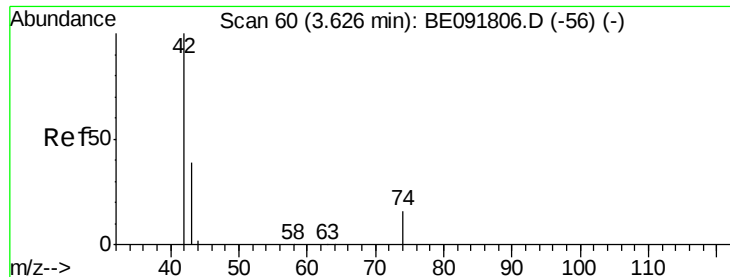


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: 3.63 min Scan# 60

Delta R.T. -0.00 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

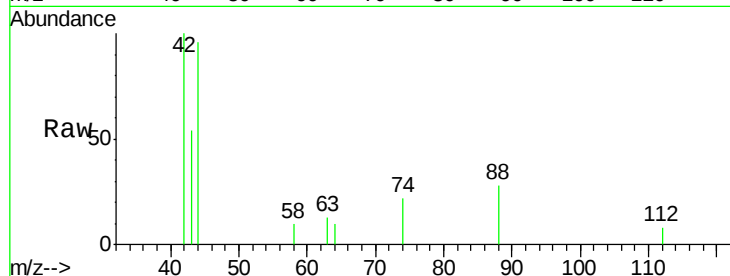
Tgt Ion: 42 Resp: 1187

Ion Ratio Lower Upper

42 100

74 114.4 87.9 131.9

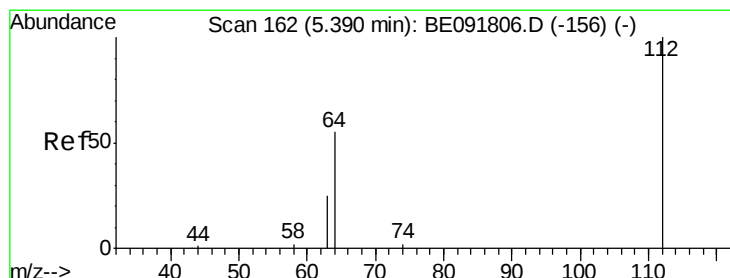
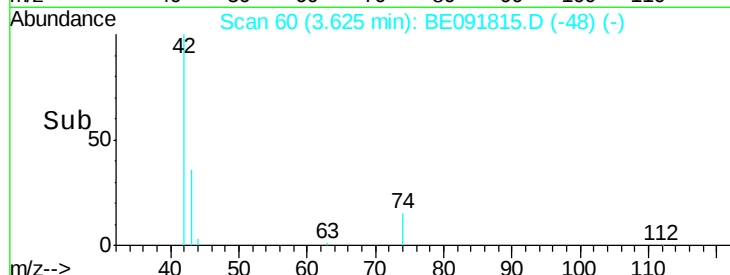
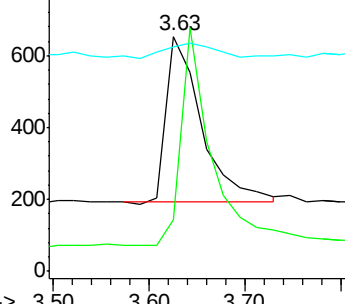
44 12.2 6.6 9.8#



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: BE091815.D

Acq: 19 May 2016 18:13

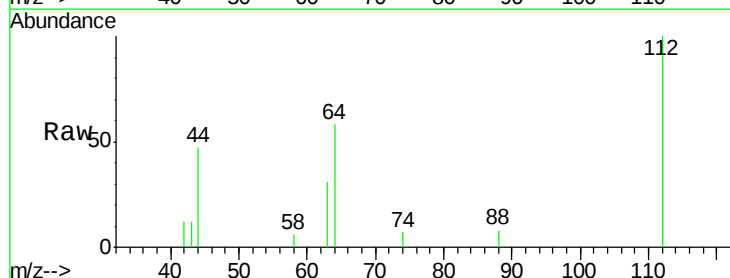
Tgt Ion: 112 Resp: 2174

Ion Ratio Lower Upper

112 100

64 66.8 30.9 46.3#

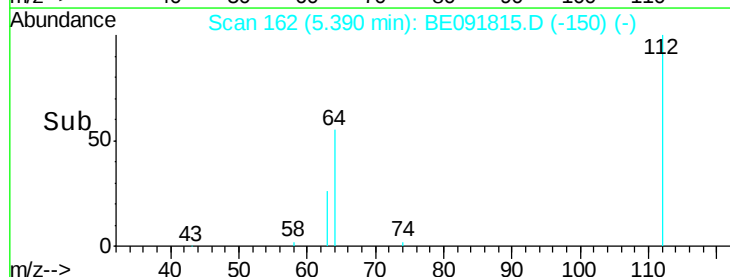
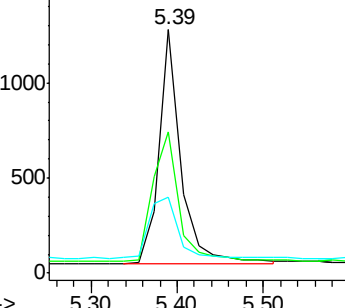
63 35.7 16.7 25.1#

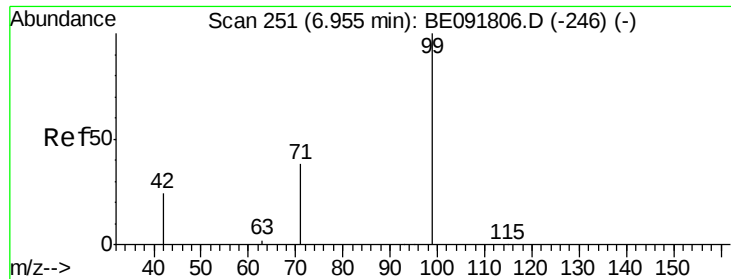


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.37 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

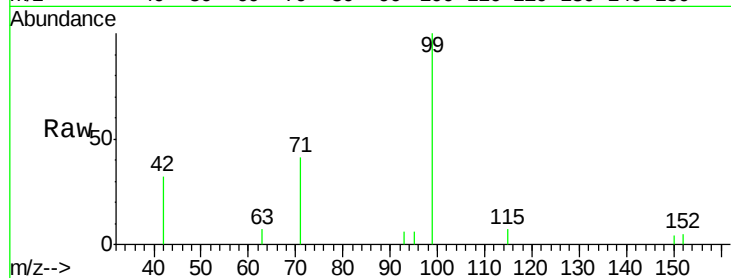
Tgt Ion: 99 Resp: 2965

Ion Ratio Lower Upper

99 100

42 24.2 16.2 24.2#

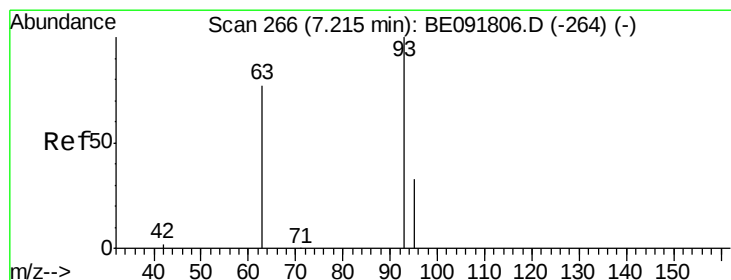
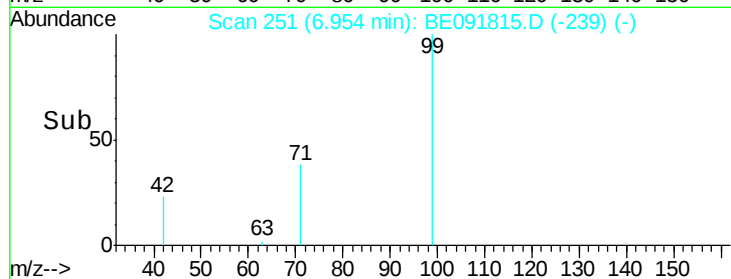
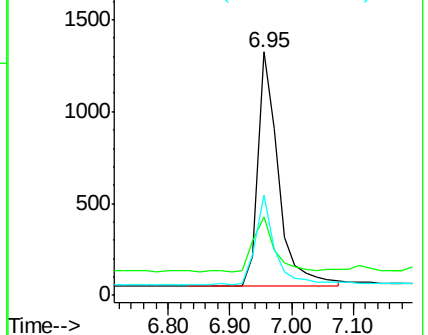
71 35.7 29.0 43.4



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: 0.36 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

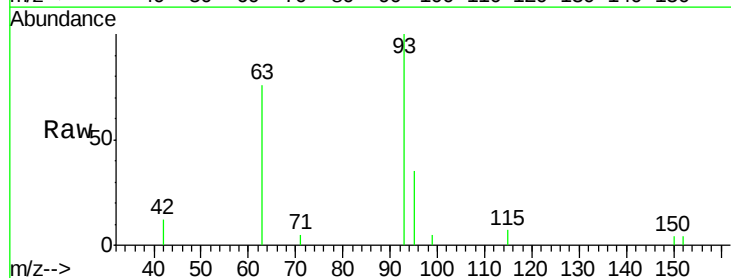
Tgt Ion: 93 Resp: 2311

Ion Ratio Lower Upper

93 100

63 83.4 49.5 74.3#

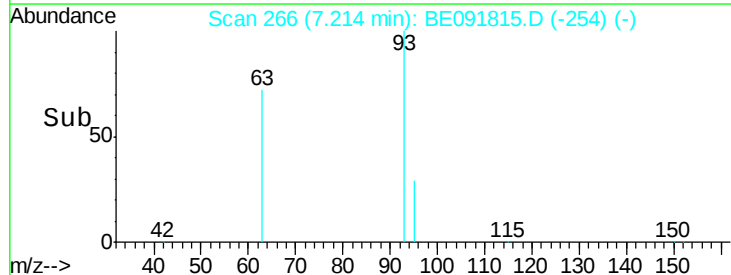
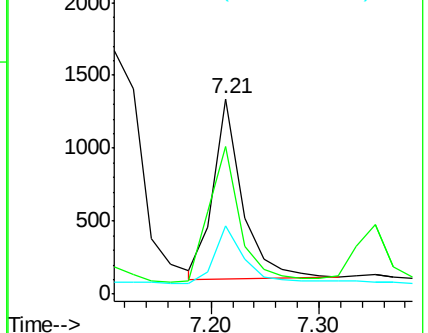
95 33.6 22.2 33.4#

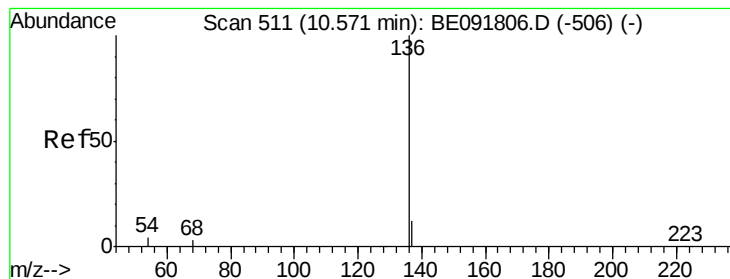


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

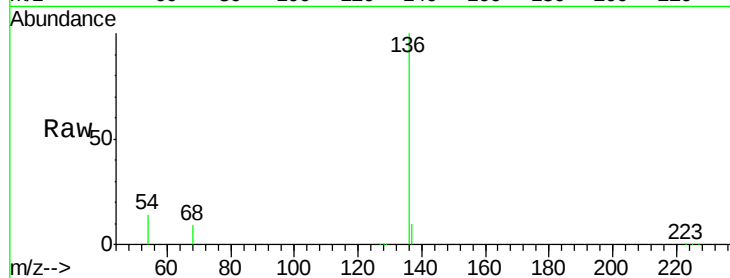
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	136	Resp:	114295
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	13.8	8.2	12.4#
68	9.2	6.2	9.4

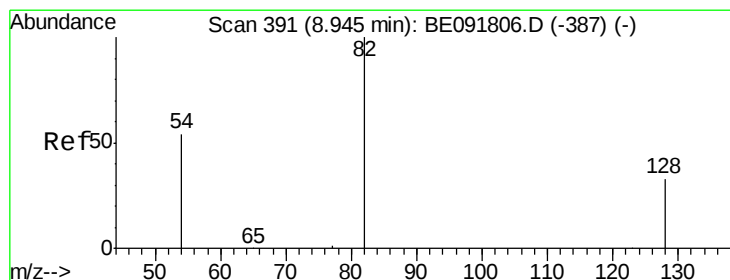
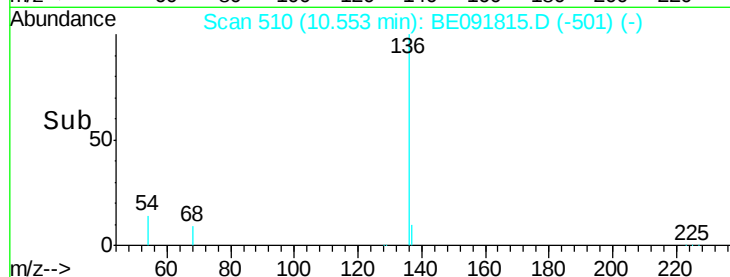
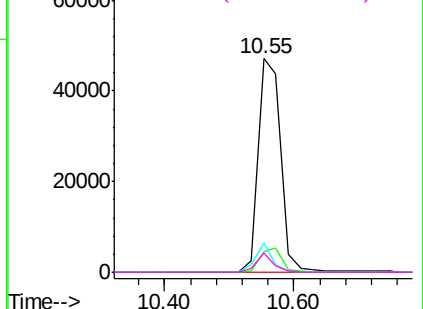


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.37 ng

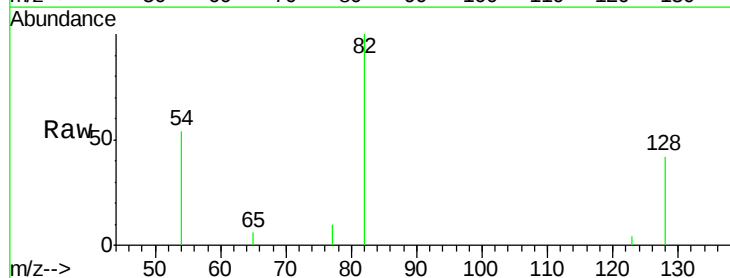
RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

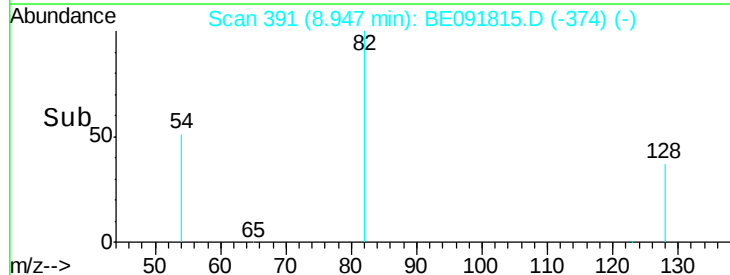
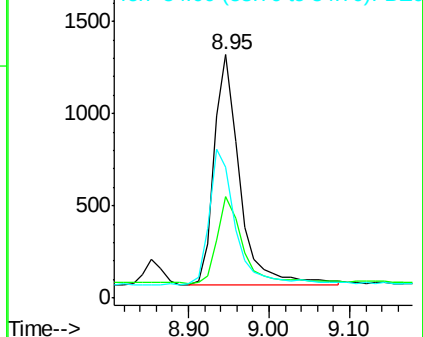
Tgt Ion:	82	Resp:	2766
Ion	Ratio	Lower	Upper
82	100		
128	41.6	25.4	38.0#
54	53.9	48.4	72.6

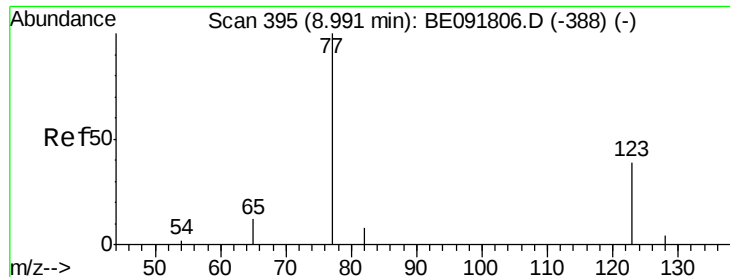


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.36 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

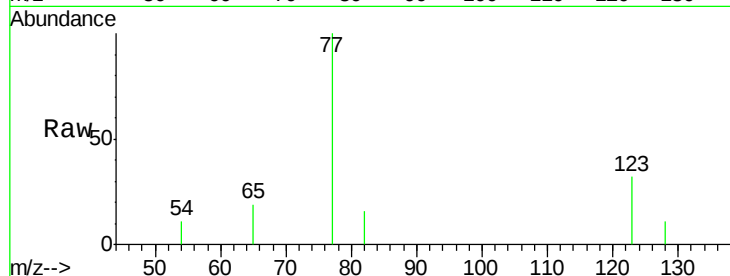
Tgt Ion: 77 Resp: 2810

Ion Ratio Lower Upper

77 100

123 36.9 26.9 40.3

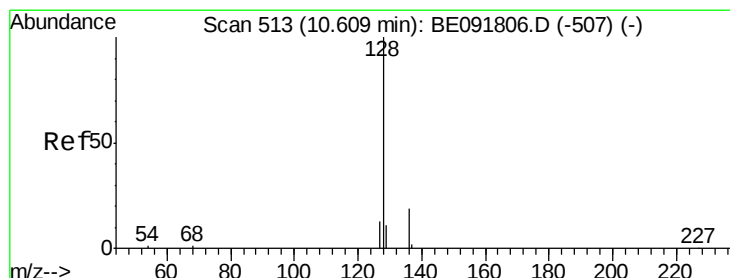
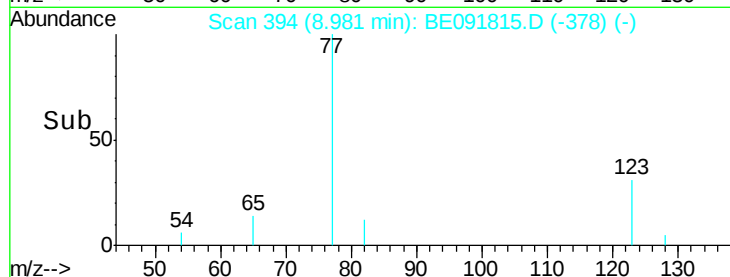
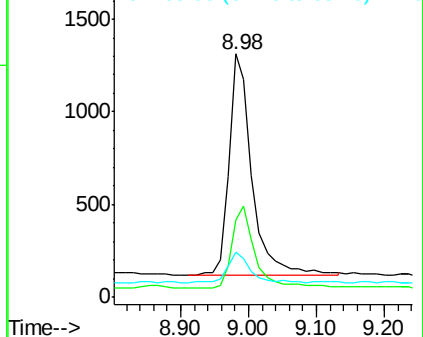
65 13.7 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)



#10

Naphthalene

Concen: 0.39 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

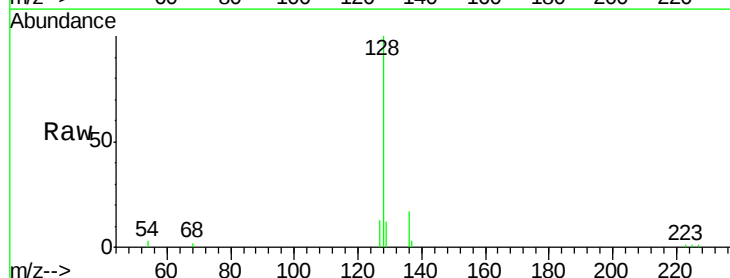
Tgt Ion: 128 Resp: 9799

Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

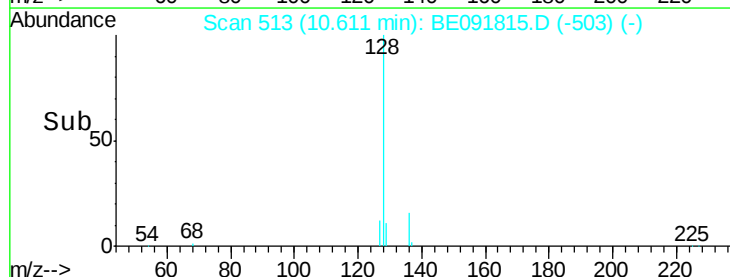
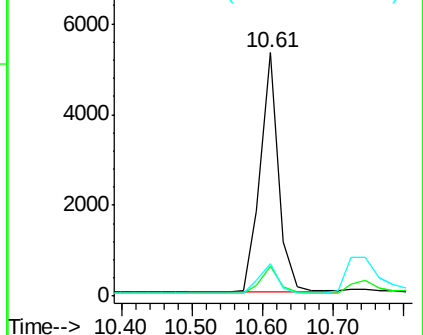
127 13.1 10.7 16.1

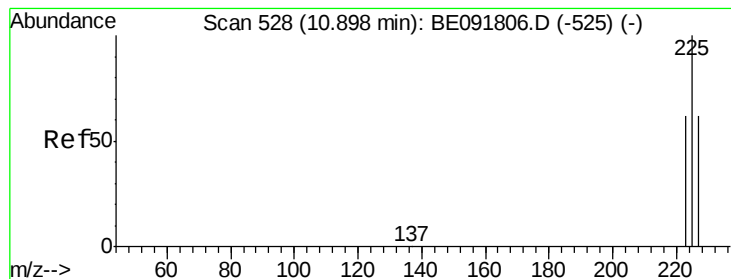


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)





#11

Hexachlorobutadiene

Concen: 0.53 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

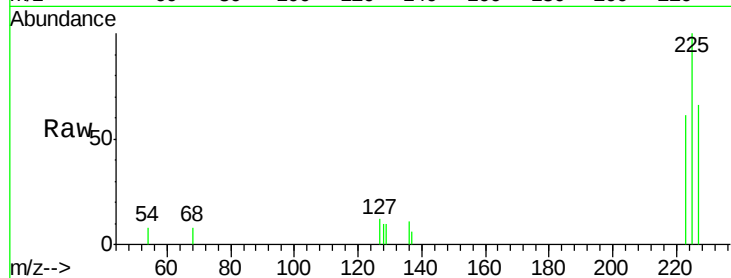
Tgt Ion: 225 Resp: 2003

Ion Ratio Lower Upper

225 100

223 74.7 49.0 73.6#

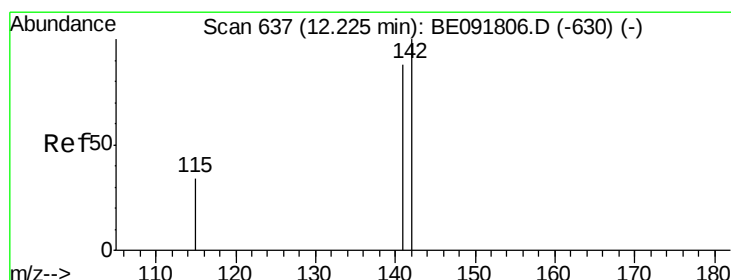
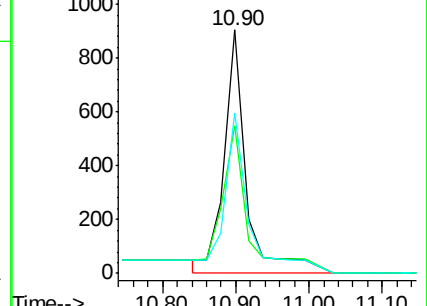
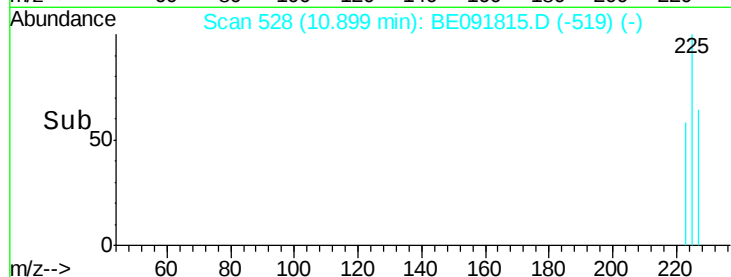
227 75.0 50.3 75.5



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: 0.38 ng

RT: 12.22 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

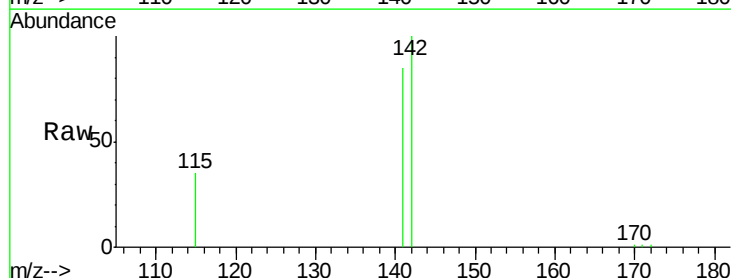
Tgt Ion: 142 Resp: 6512

Ion Ratio Lower Upper

142 100

141 85.2 71.4 107.0

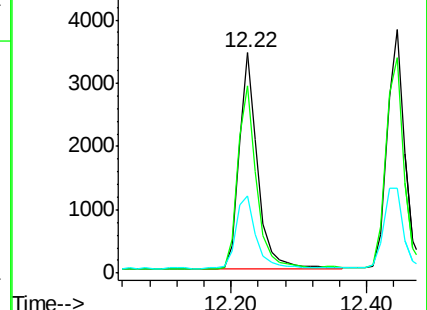
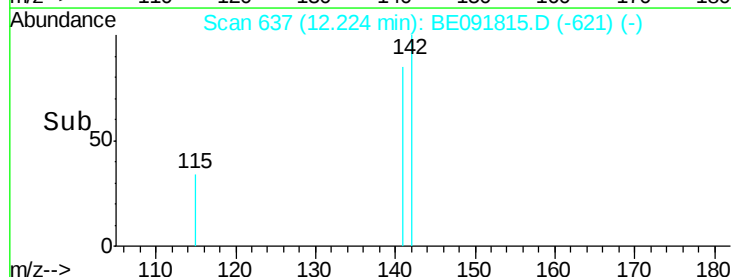
115 35.0 30.3 45.5

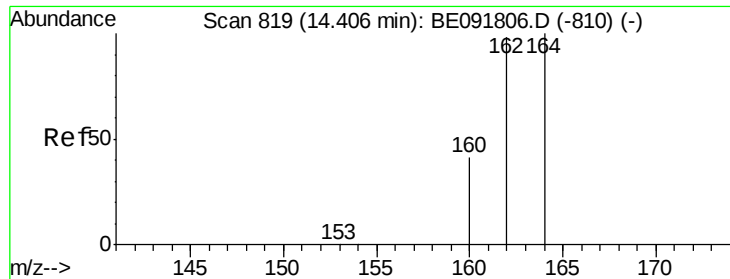


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

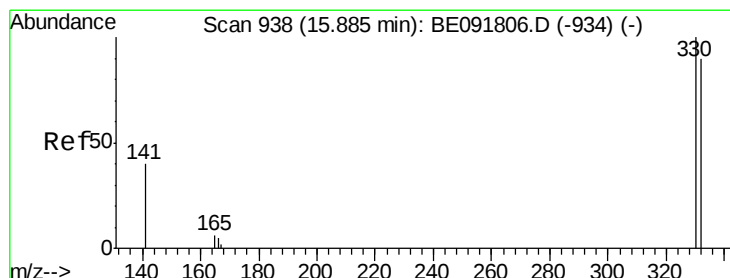
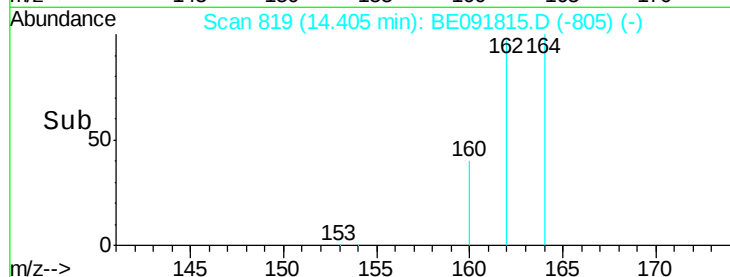
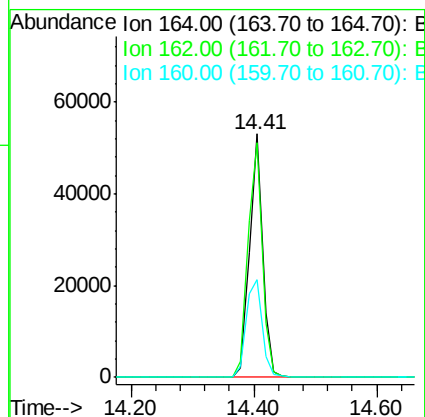
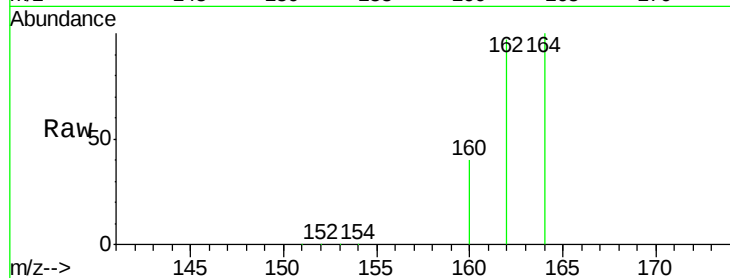
Tgt Ion:164 Resp: 79512

Ion Ratio Lower Upper

164 100

162 96.5 85.3 127.9

160 39.9 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.34 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

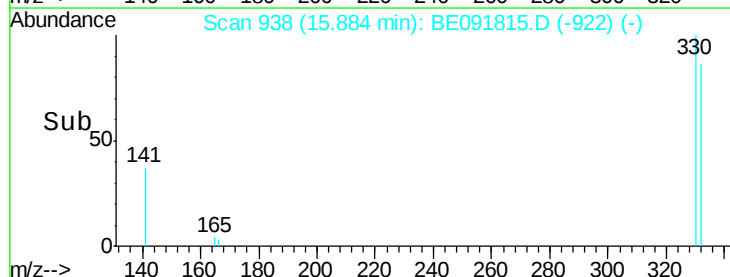
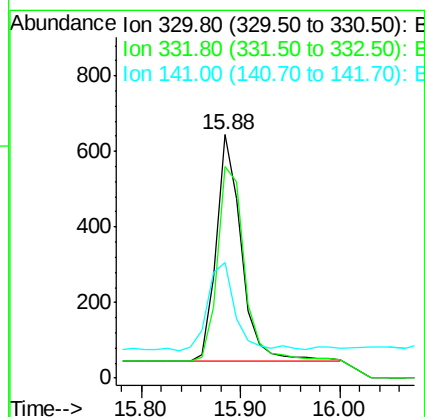
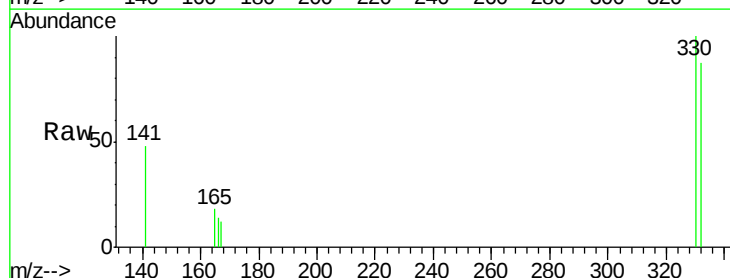
Tgt Ion:330 Resp: 1047

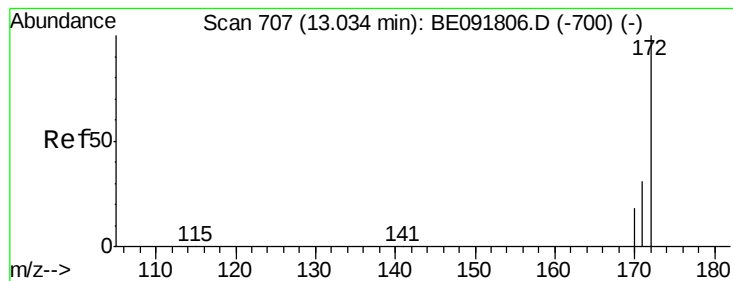
Ion Ratio Lower Upper

330 100

332 93.9 79.1 118.7

141 42.8 125.4 188.0#

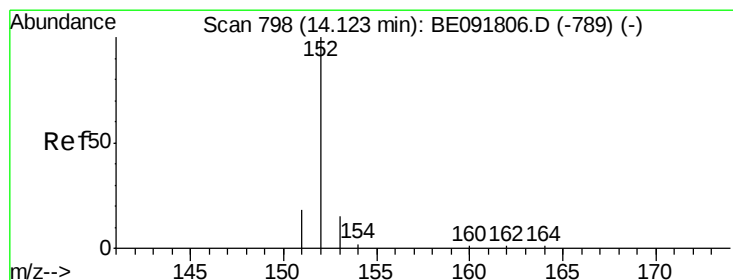
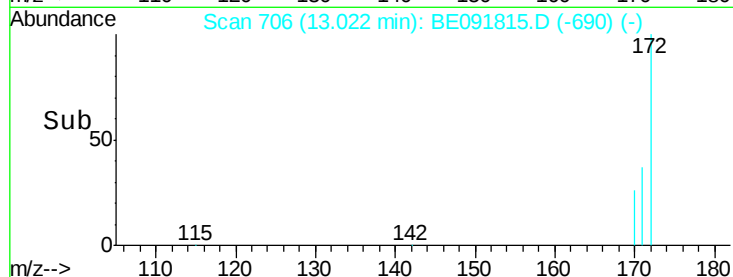
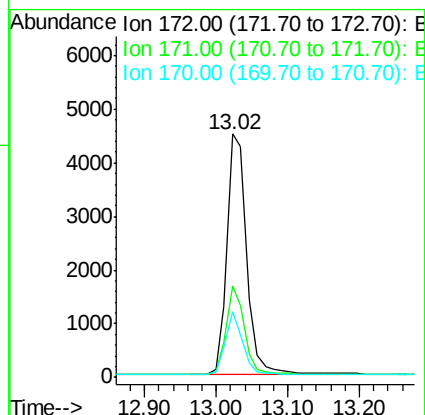
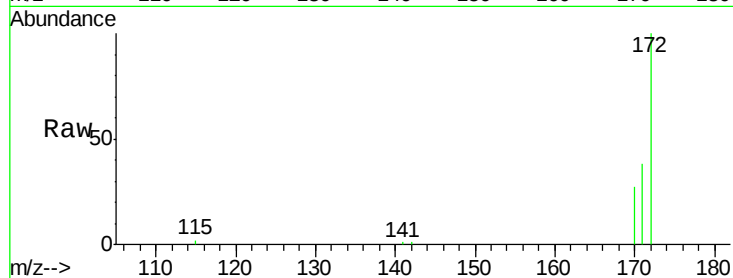




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091815.D
Acq: 19 May 2016 18:13

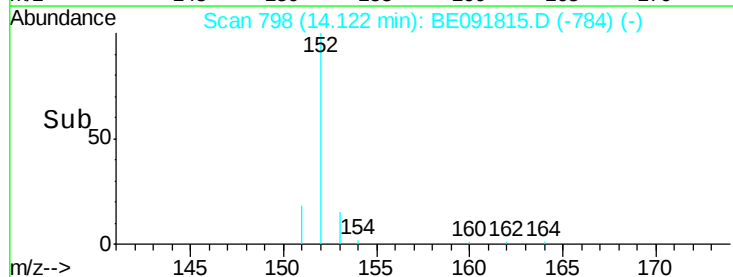
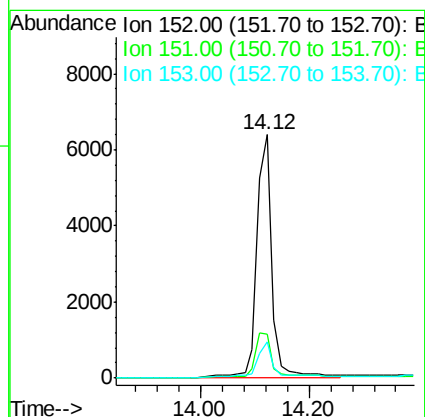
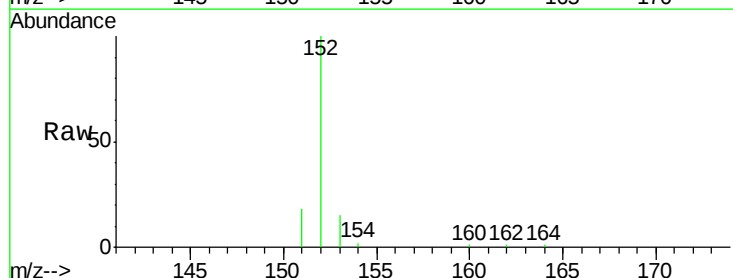
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

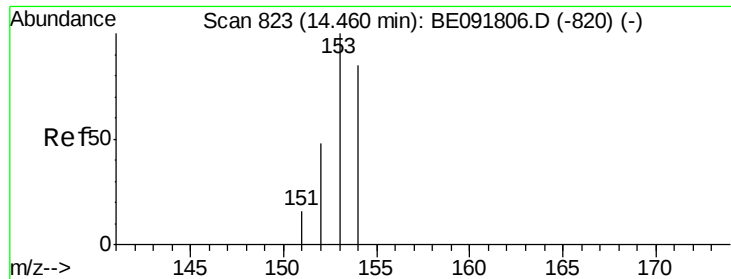
Tgt Ion:172 Resp: 8625
Ion Ratio Lower Upper
172 100
171 37.6 28.8 43.2
170 26.9 19.3 28.9



#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091815.D
Acq: 19 May 2016 18:13

Tgt Ion:152 Resp: 13558
Ion Ratio Lower Upper
152 100
151 18.2 3.9 5.9#
153 18.7 10.3 15.5#

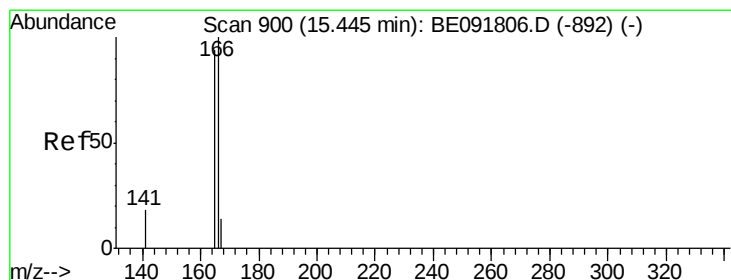
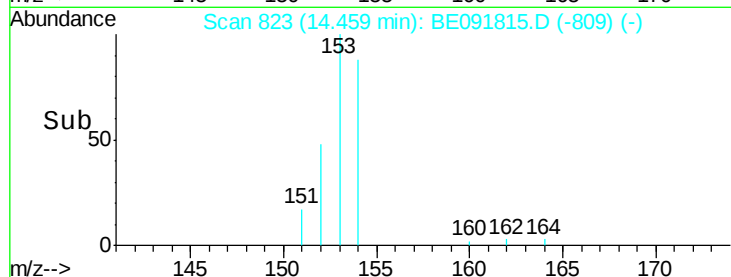
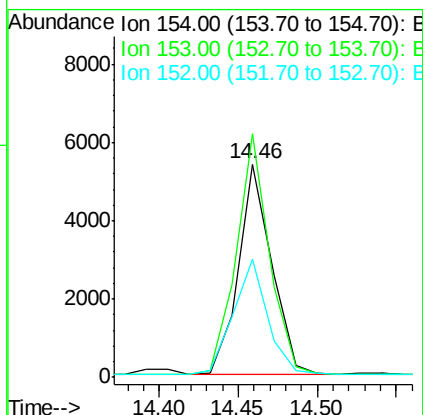
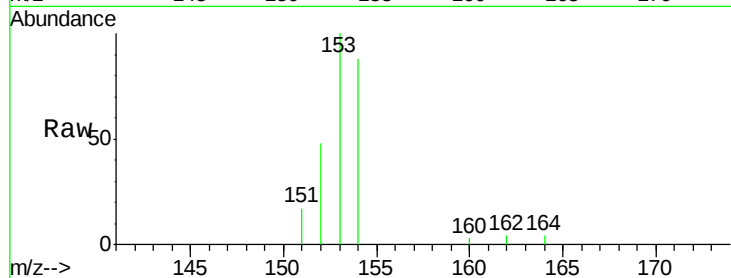




#17
Acenaphthene
Concen: 0.37 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091815.D
Acq: 19 May 2016 18:13

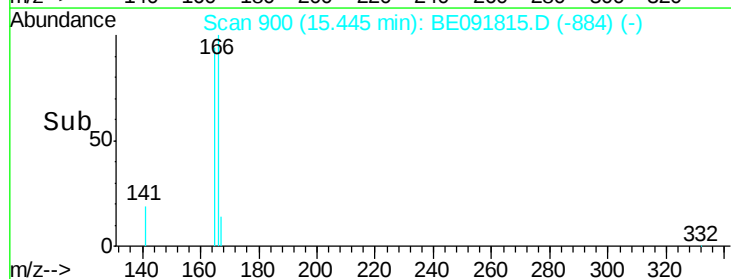
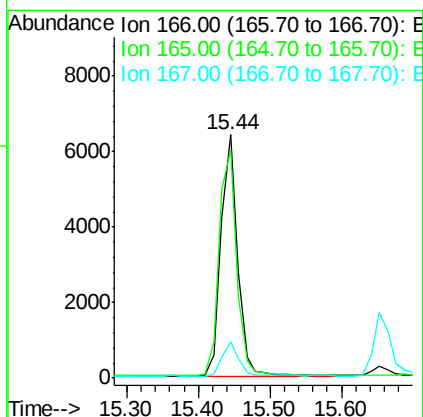
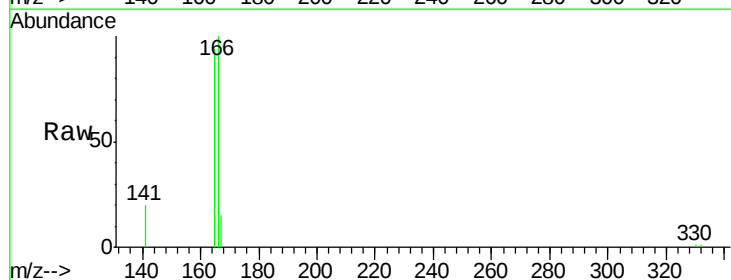
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

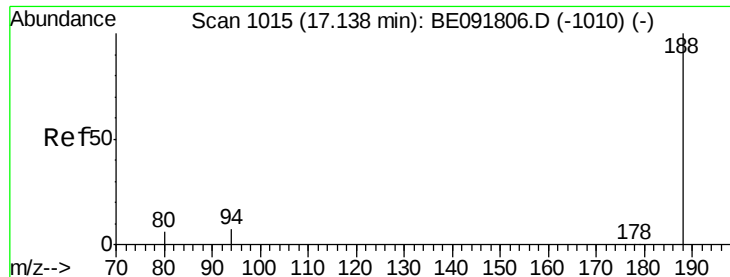
Tgt Ion:154 Resp: 7862
Ion Ratio Lower Upper
154 100
153 115.4 80.0 120.0
152 56.9 40.0 60.0



#18
Fluorene
Concen: 0.37 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091815.D
Acq: 19 May 2016 18:13

Tgt Ion:166 Resp: 10282
Ion Ratio Lower Upper
166 100
165 99.0 80.8 121.2
167 13.7 10.9 16.3

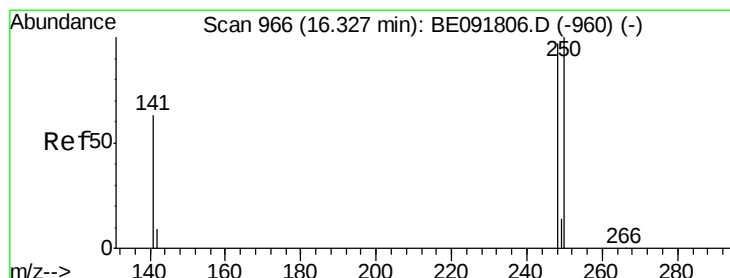
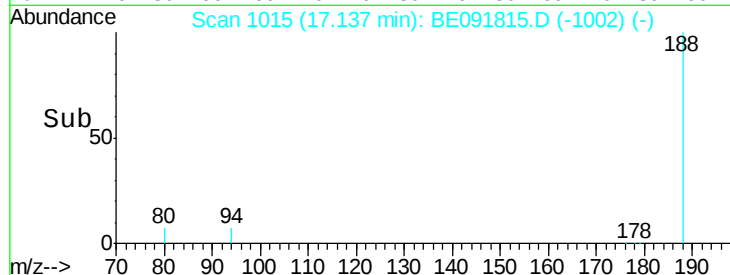
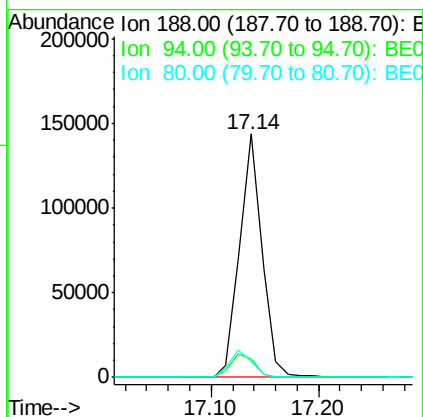
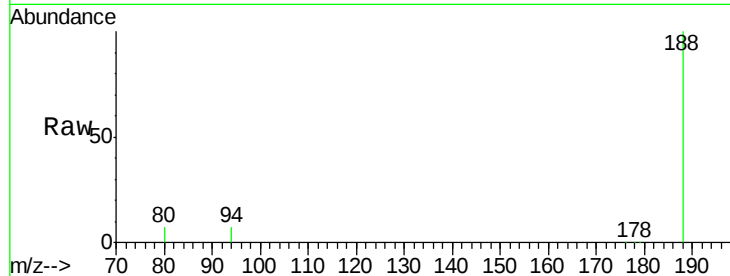




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091815.D
Acq: 19 May 2016 18:13

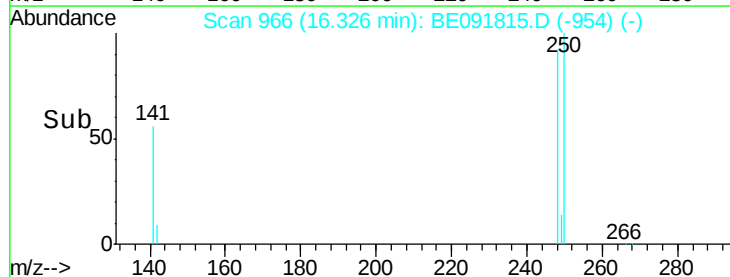
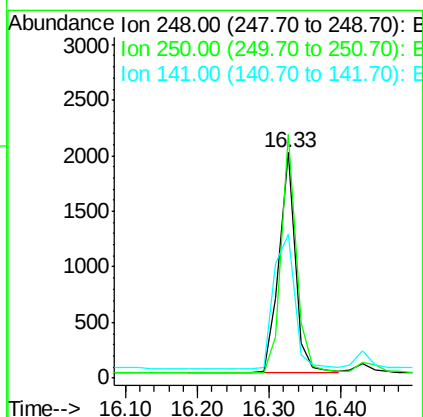
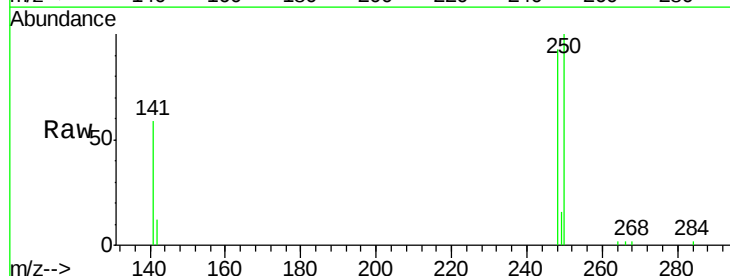
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

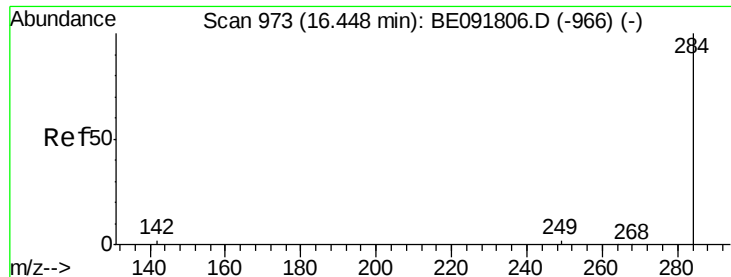
Tgt Ion:188 Resp: 207374
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 6.5 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.40 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091815.D
Acq: 19 May 2016 18:13

Tgt Ion:248 Resp: 3136
Ion Ratio Lower Upper
248 100
250 99.6 80.5 120.7
141 80.1 72.0 108.0

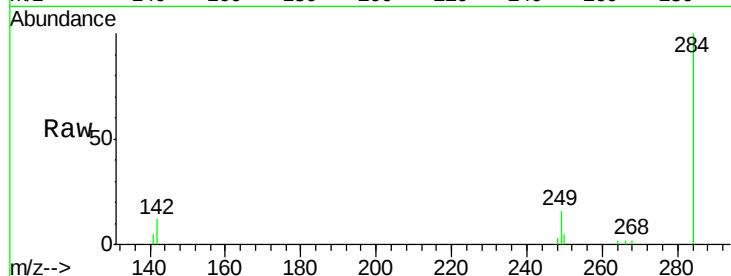




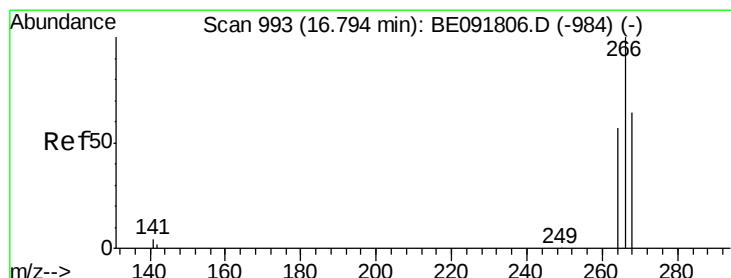
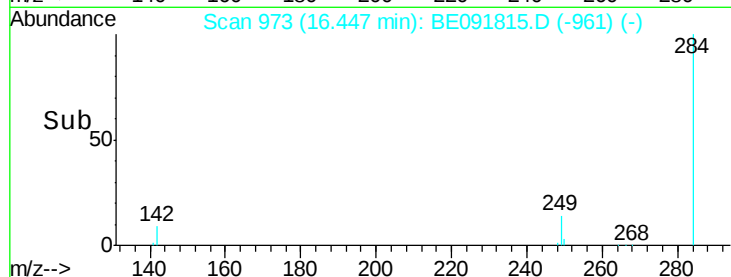
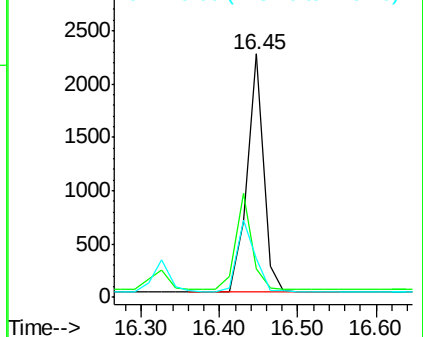
#21
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091815.D
Acq: 19 May 2016 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3317
Ion Ratio Lower Upper
284 100
142 38.9 32.2 48.2
249 32.4 25.4 38.2

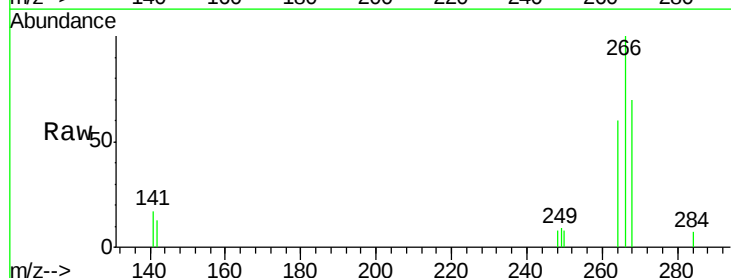


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

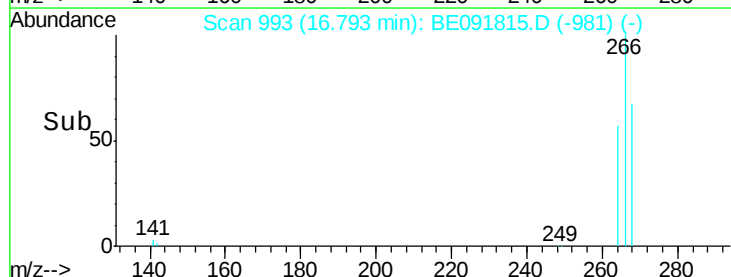
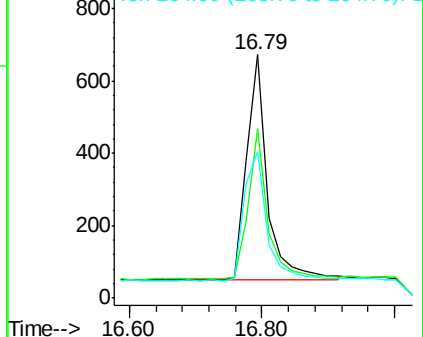


#22
Pentachlorophenol
Concen: 0.41 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091815.D
Acq: 19 May 2016 18:13

Tgt Ion:266 Resp: 1354
Ion Ratio Lower Upper
266 100
268 69.6 58.2 87.2
264 60.3 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: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

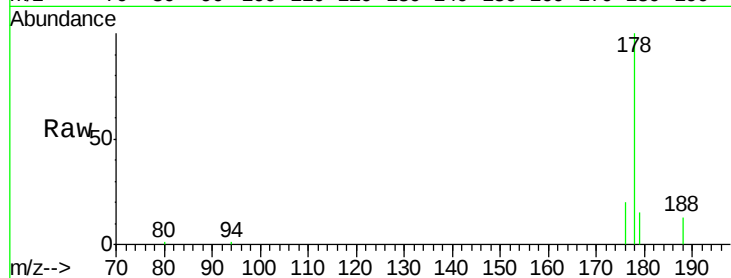
Tgt Ion:178 Resp: 20408

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

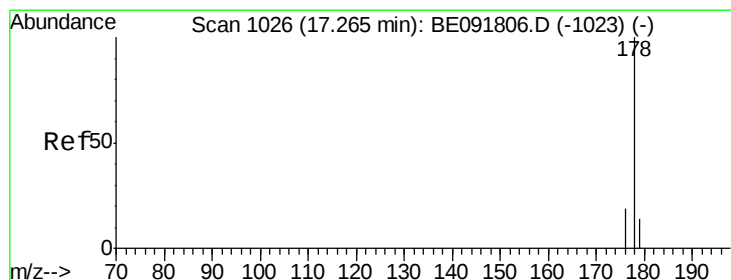
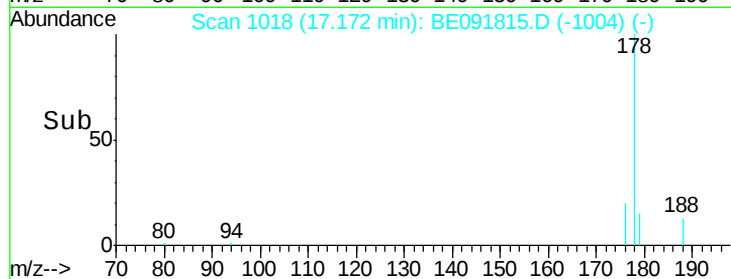
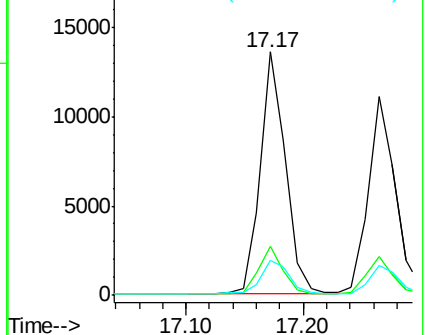
179 16.7 12.6 18.8



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: 0.40 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

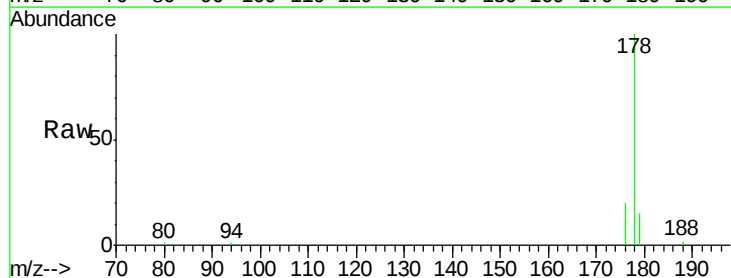
Tgt Ion:178 Resp: 17987

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

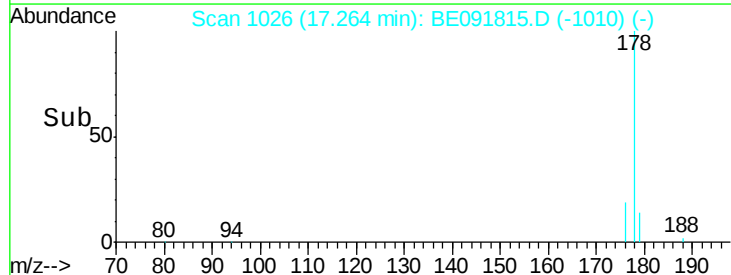
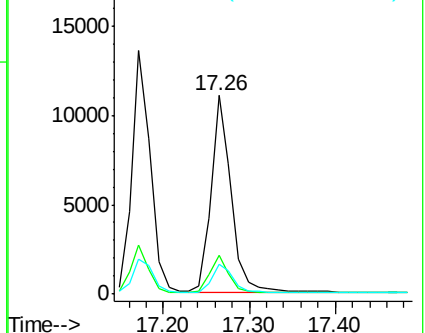
179 15.2 11.8 17.6

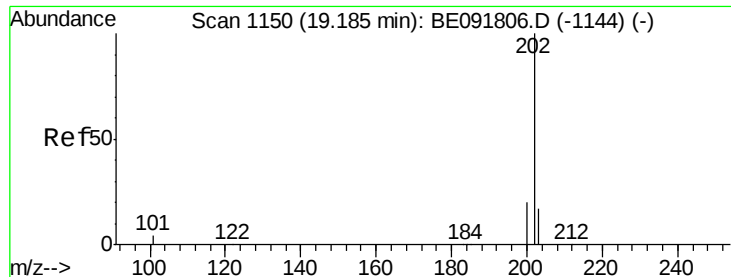


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.40 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

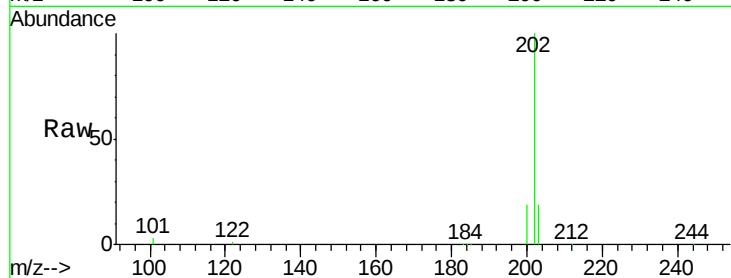
Tgt Ion:202 Resp: 22033

Ion Ratio Lower Upper

202 100

101 11.3 11.0 16.6

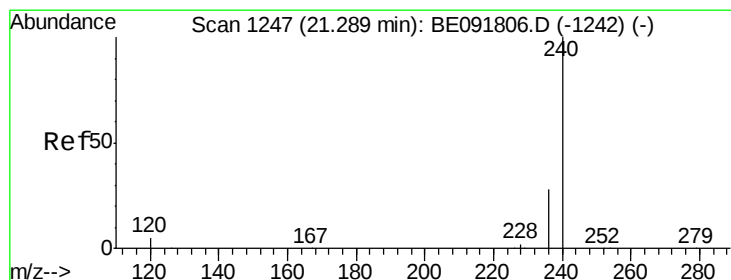
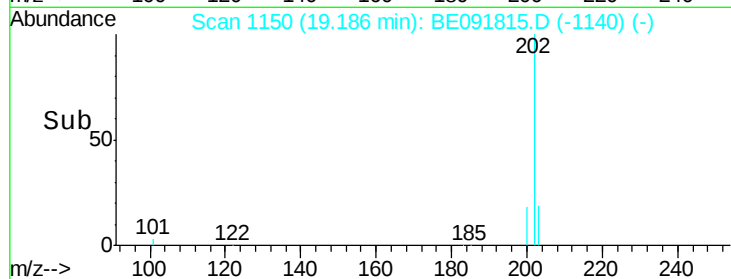
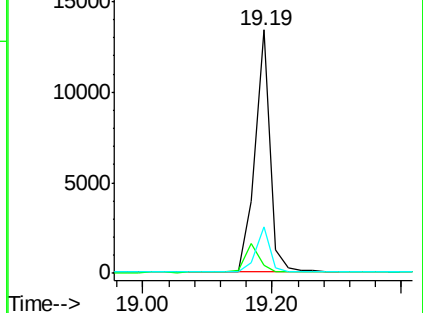
203 18.0 13.9 20.9



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: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

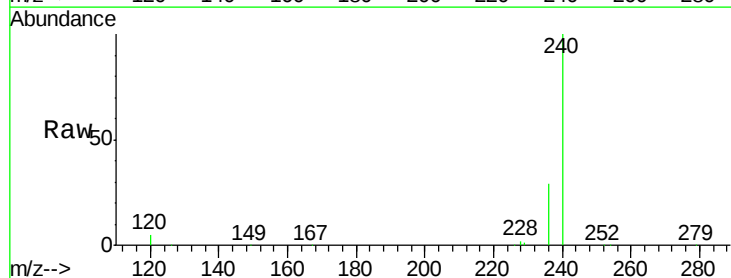
Tgt Ion:240 Resp: 277980

Ion Ratio Lower Upper

240 100

120 4.8 11.0 16.4#

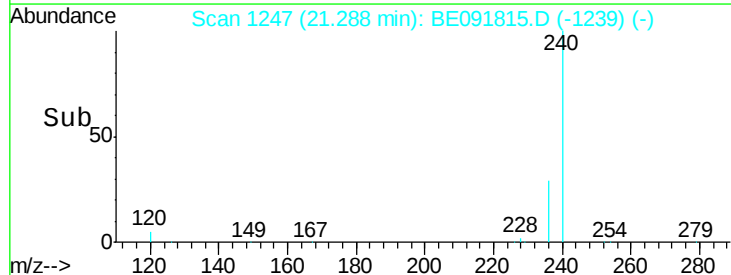
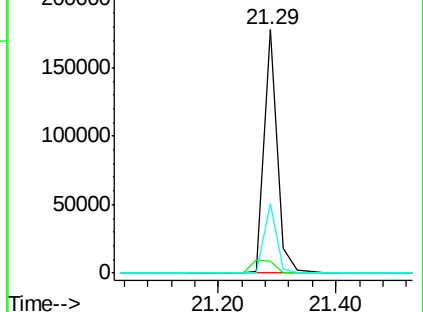
236 28.6 21.7 32.5

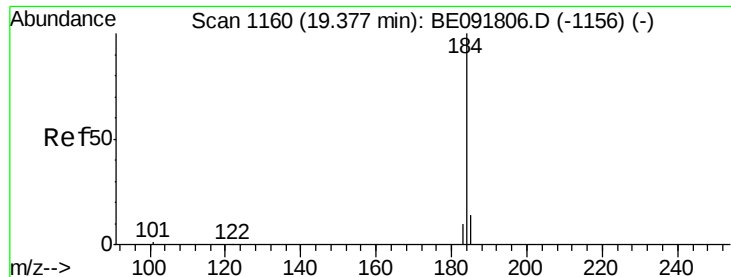


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.29 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

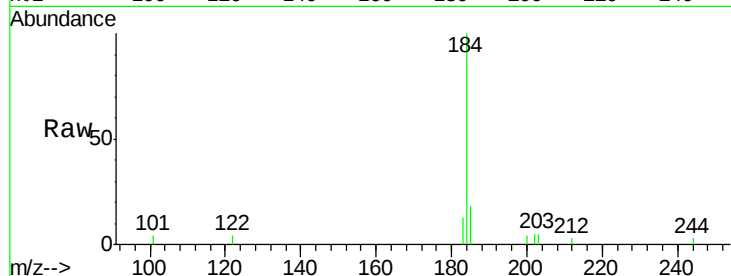
Tgt Ion:184 Resp: 4797

Ion Ratio Lower Upper

184 100

185 17.9 22.3 33.5#

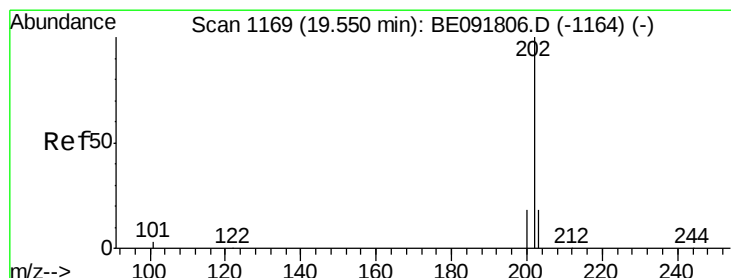
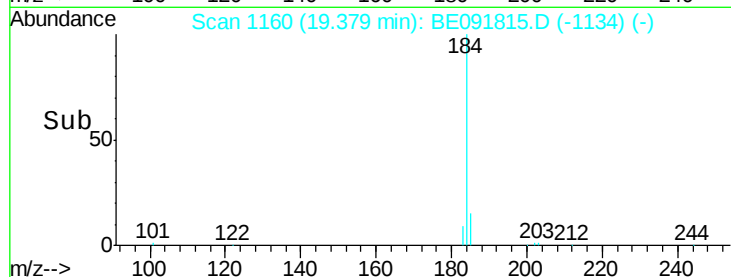
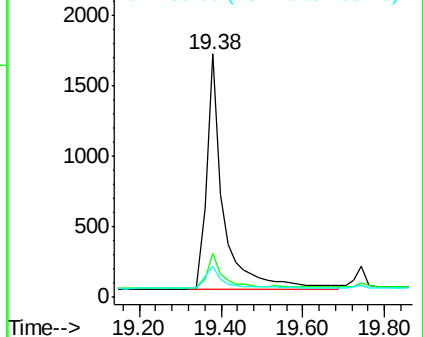
183 12.6 16.4 24.6#



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: 0.37 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

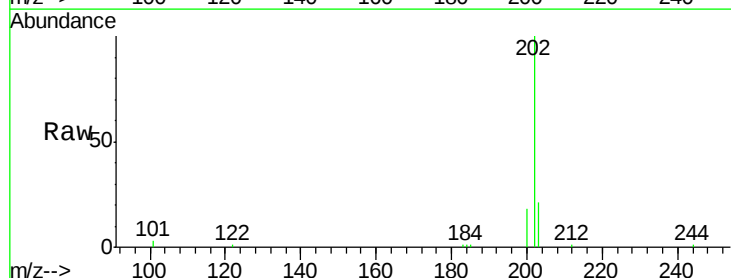
Tgt Ion:202 Resp: 22809

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

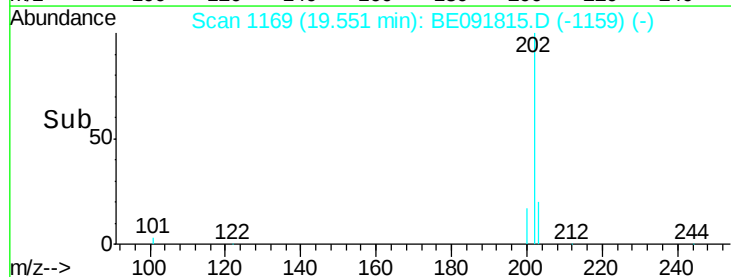
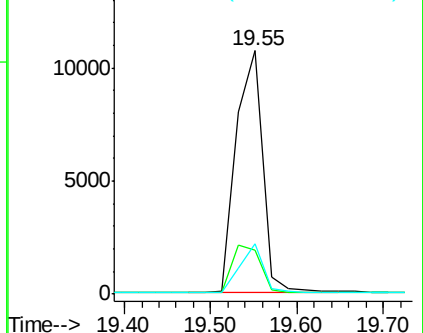
203 17.7 14.0 21.0

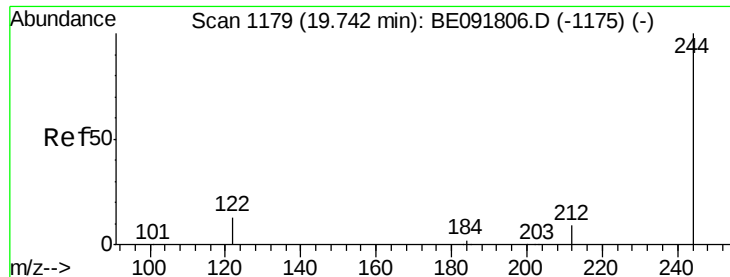


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.39 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

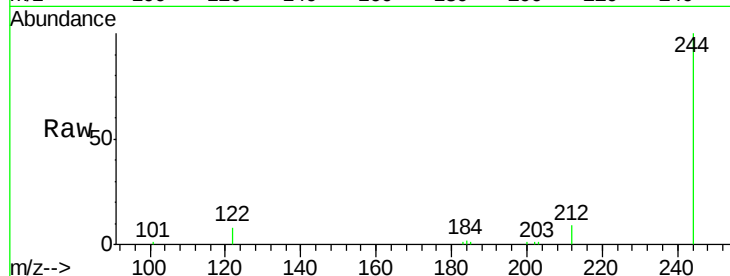
Tgt Ion:244 Resp: 15349

Ion Ratio Lower Upper

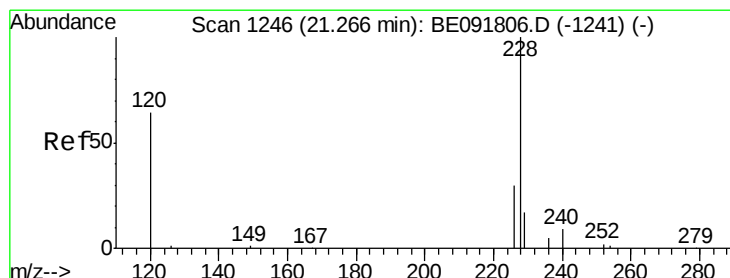
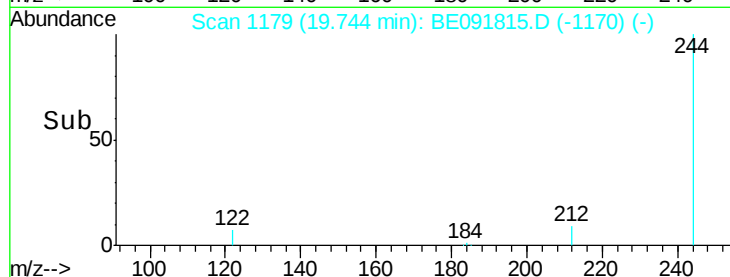
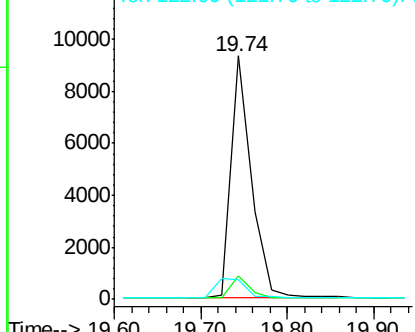
244 100

212 9.5 6.9 10.3

122 8.2 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: 0.72 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

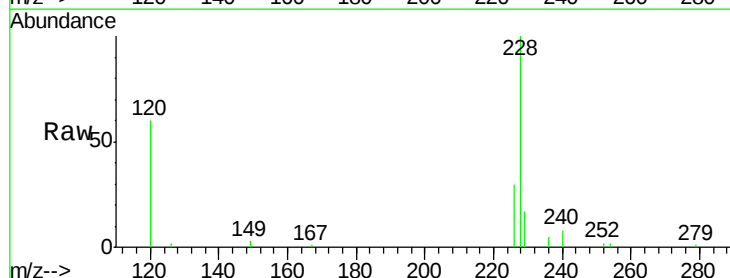
Tgt Ion:228 Resp: 48482

Ion Ratio Lower Upper

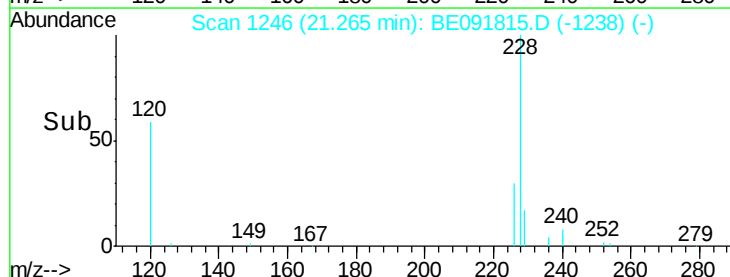
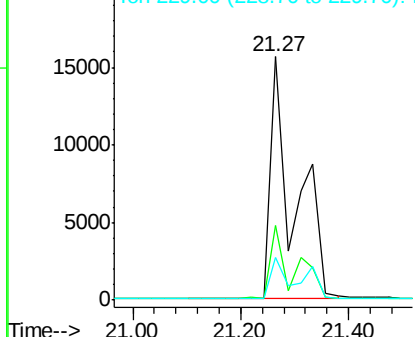
228 100

226 30.5 21.0 31.4

229 17.4 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

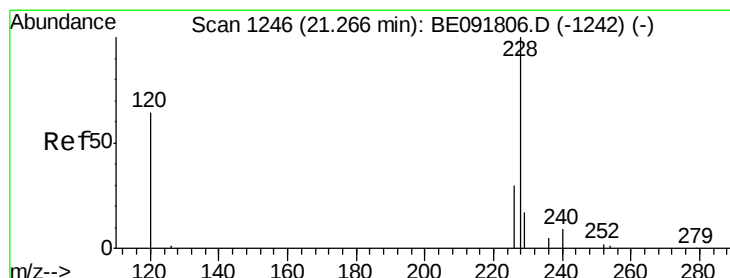
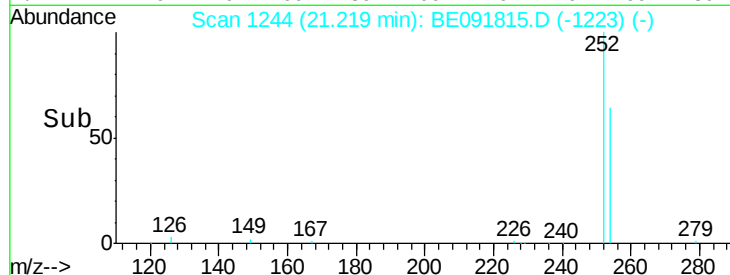
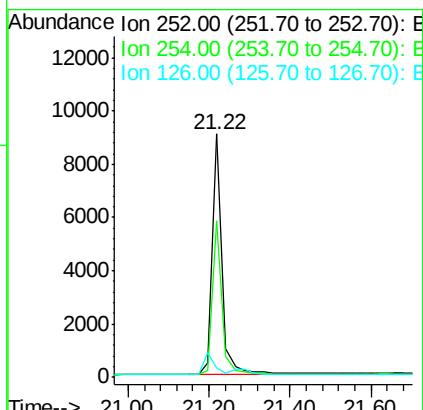
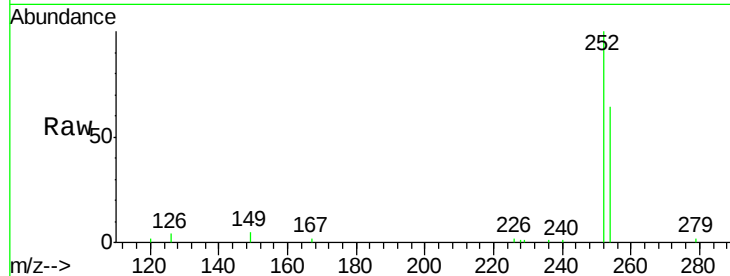




#31
 3,3'-Dichlorobenzidine
 Concen: 0.37 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091815.D
 Acq: 19 May 2016 18:13

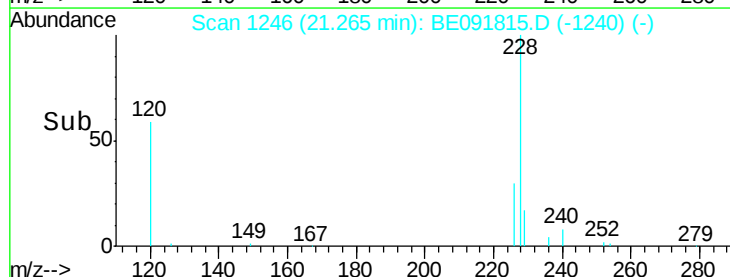
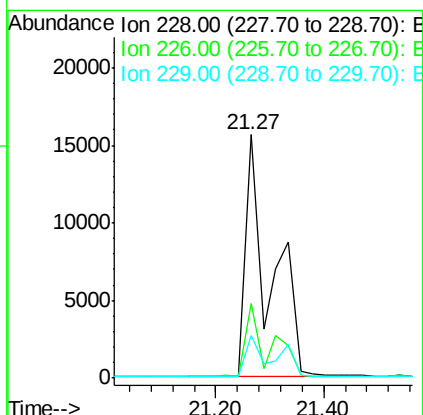
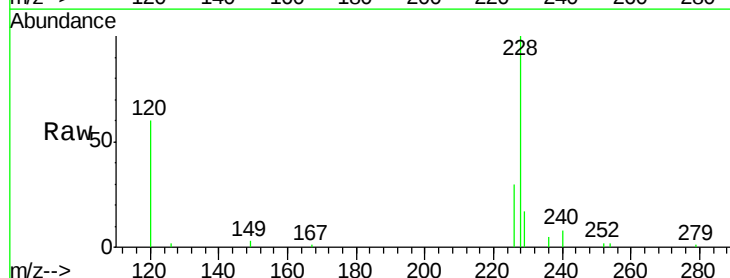
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

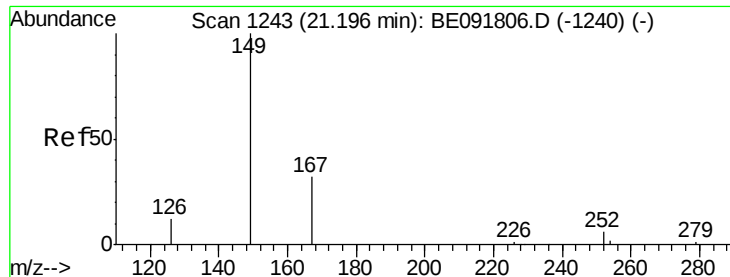
Tgt Ion: 252 Resp: 15695
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.1 76.7
 126 3.8 12.6 18.8#



#32
 Chrysene
 Concen: 0.88 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091815.D
 Acq: 19 May 2016 18:13

Tgt Ion: 228 Resp: 48792
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.0 36.0
 229 17.4 15.9 23.9

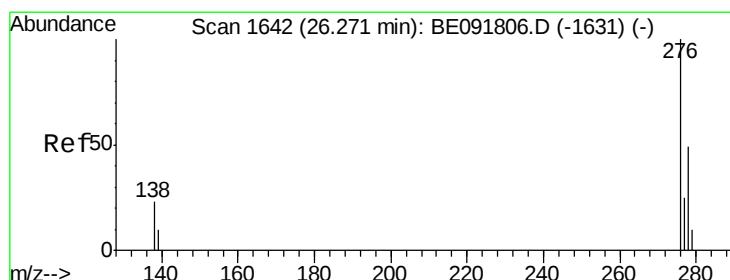
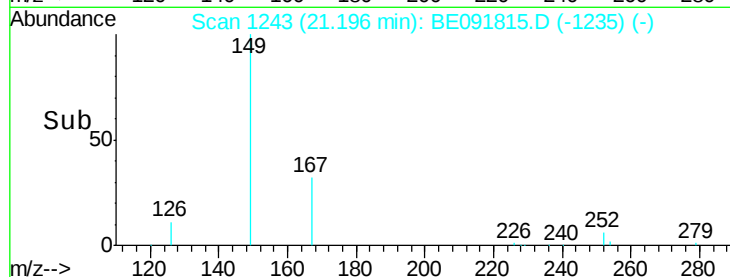
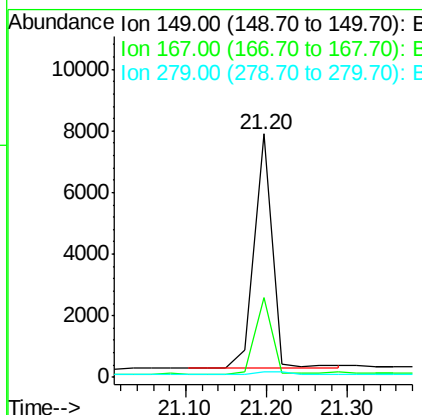
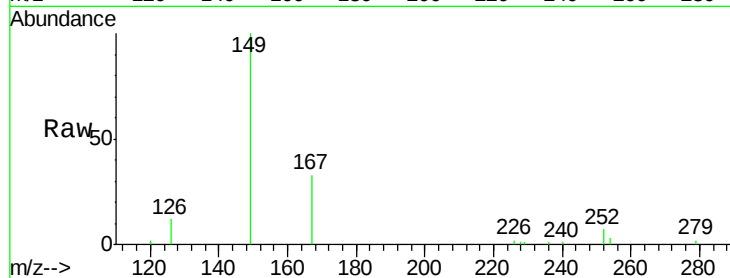




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.54 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091815.D
 Acq: 19 May 2016 18:13

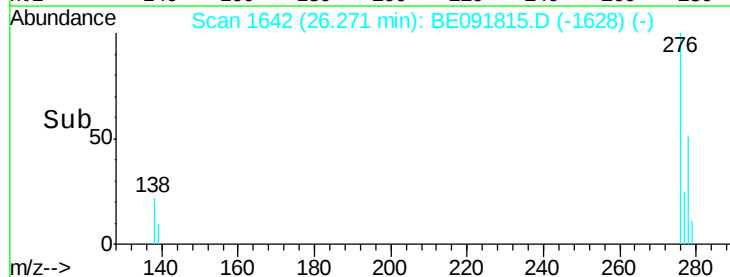
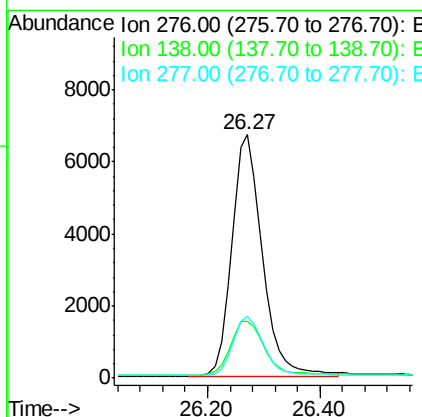
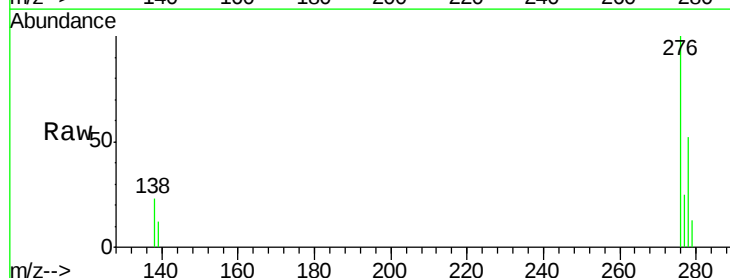
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

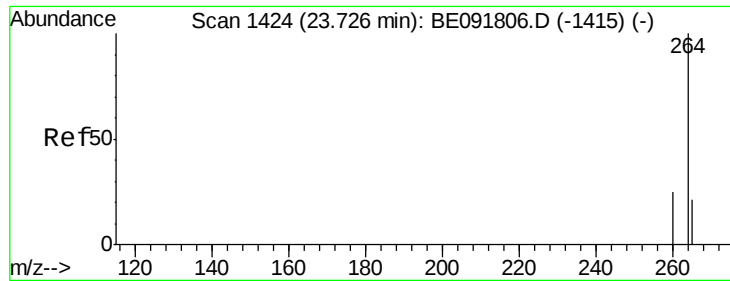
Tgt Ion:149 Resp: 11903
 Ion Ratio Lower Upper
 149 100
 167 30.1 19.5 29.3#
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.37 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BE091815.D
 Acq: 19 May 2016 18:13

Tgt Ion:276 Resp: 25482
 Ion Ratio Lower Upper
 276 100
 138 24.6 23.4 35.2
 277 25.0 19.8 29.8

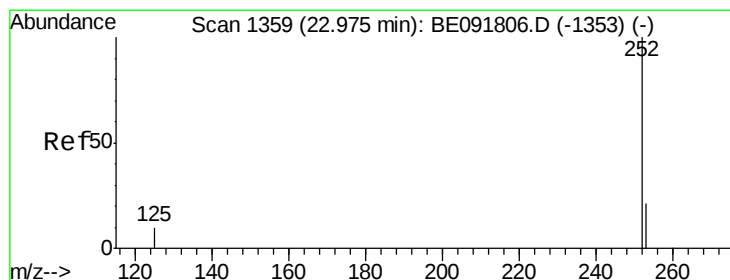
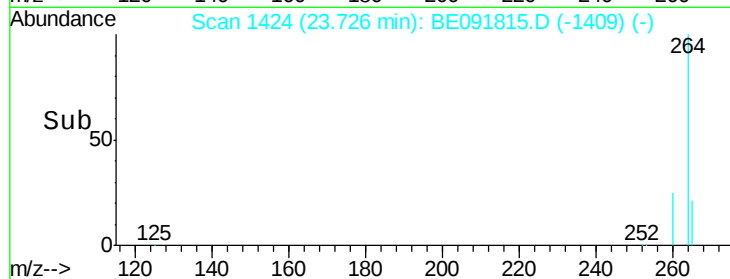
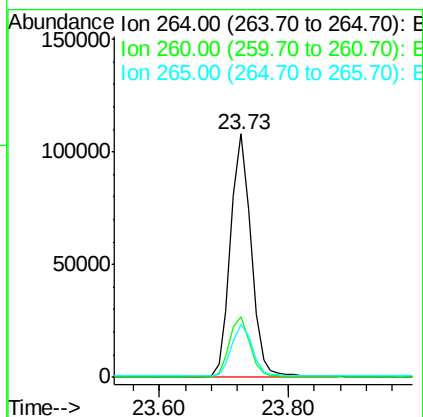
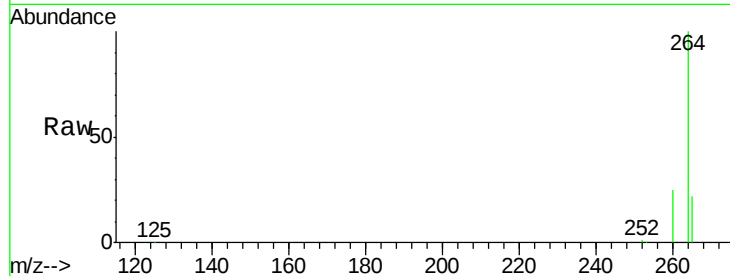




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091815.D
 Acq: 19 May 2016 18:13

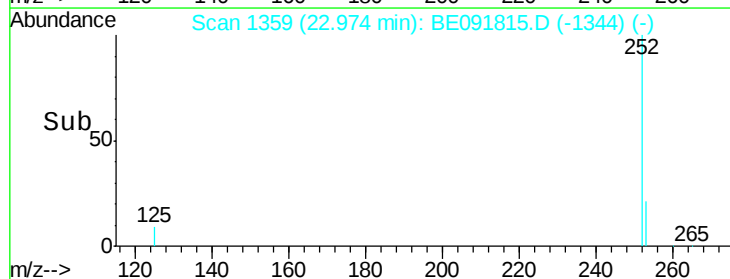
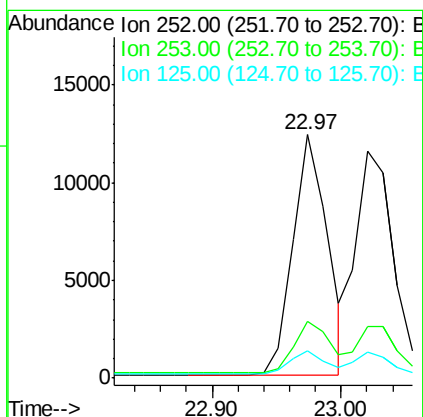
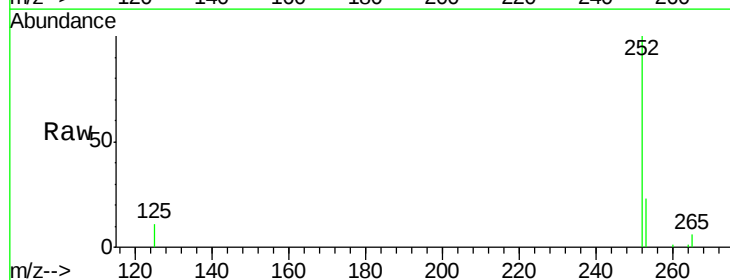
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

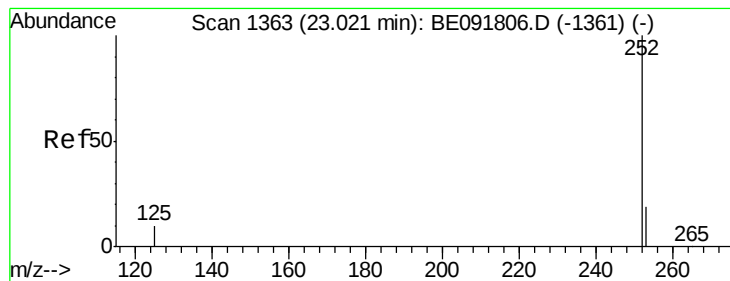
Tgt Ion: 264 Resp: 238864
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 22.0 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 0.39 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091815.D
 Acq: 19 May 2016 18:13

Tgt Ion: 252 Resp: 23024
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.4 26.0
 125 11.0 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

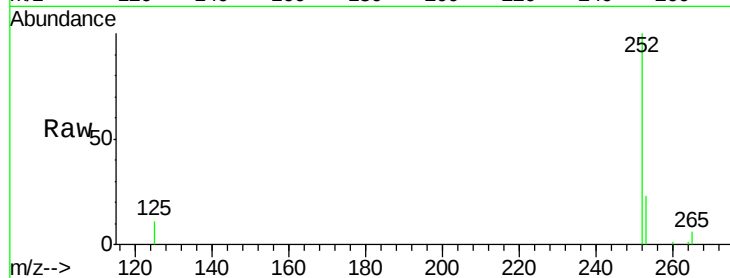
Tgt Ion:252 Resp: 23754

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

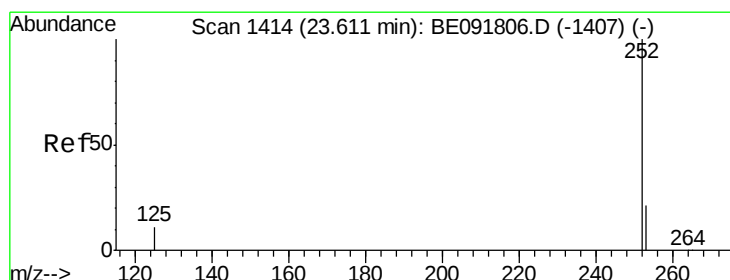
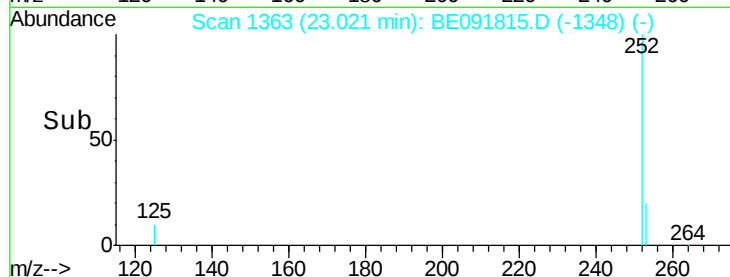
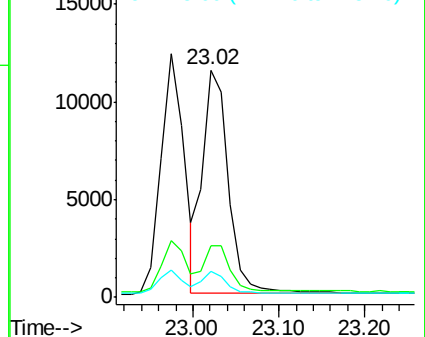
125 11.3 9.9 14.9



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: 0.38 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

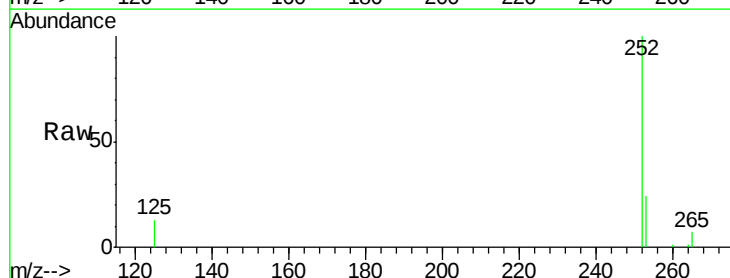
Tgt Ion:252 Resp: 21618

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

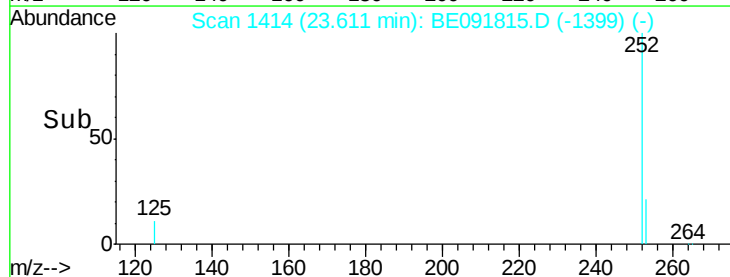
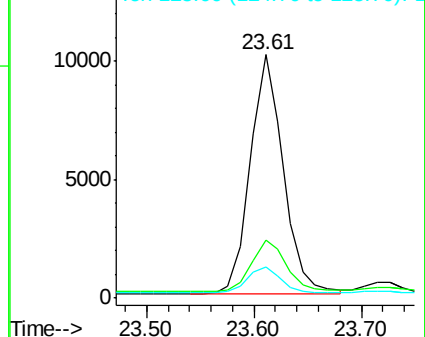
125 12.7 11.0 16.4



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: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091815.D

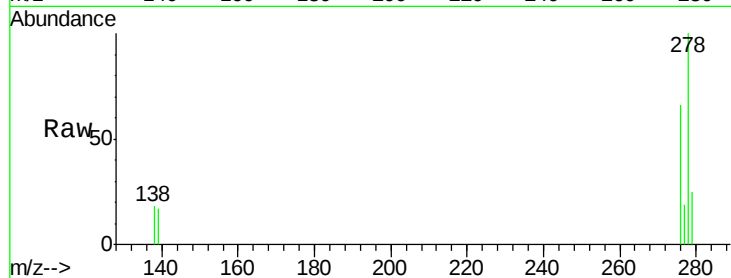
Acq: 19 May 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



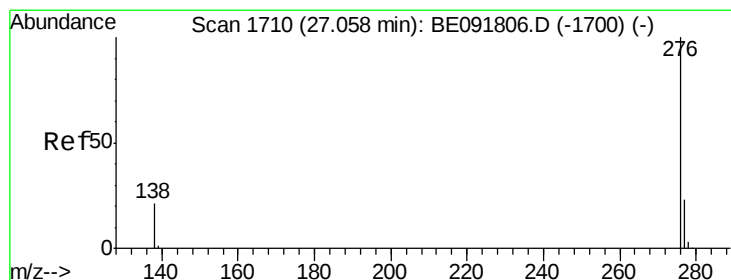
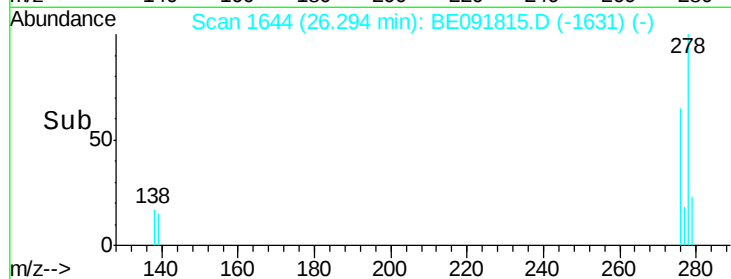
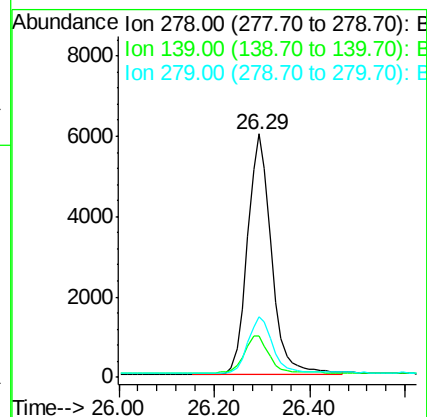
Tgt Ion: 278 Resp: 20926

Ion Ratio Lower Upper

278 100

139 17.0 16.0 24.0

279 25.0 19.4 29.2



#40

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091815.D

Acq: 19 May 2016 18:13

Tgt Ion: 276 Resp: 21760

Ion Ratio Lower Upper

276 100

277 25.1 18.6 28.0

138 21.3 20.4 30.6

