

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041816\
 Data File : BE091669.D
 Acq On : 18 Apr 2016 17:45
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

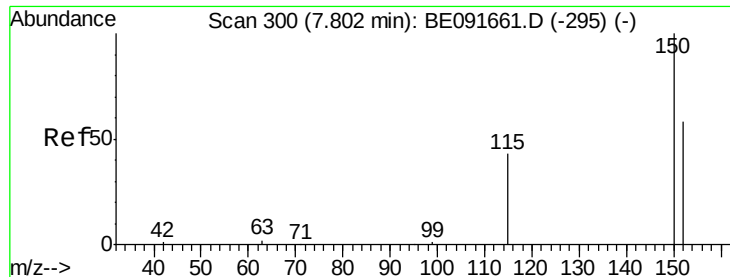
Quant Time: Apr 19 05:10:19 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 17:20:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	31112	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	154947	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	94361	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	233359	5.00	ng	0.00
26) Chrysene-d12	21.31	240	281193	5.00	ng	0.00
35) Perylene-d12	23.75	264	255683	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	2805	0.41	ng	0.00
5) Phenol-d6	6.97	99	3610	0.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	3117	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1302	0.65	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	10626	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	17042	0.44	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	1612	0.36	ng	# 91
3) n-Nitrosodimethylamine	3.66	42	1835	0.41	ng	# 90
6) bis(2-Chloroethyl)ether	7.23	93	3388	0.40	ng	# 76
9) Nitrobenzene	9.00	77	3143	0.39	ng	97
10) Naphthalene	10.63	128	12840	0.41	ng	98
11) Hexachlorobutadiene	10.92	225	2382	0.52	ng	88
12) 2-Methylnaphthalene	12.24	142	8128	0.40	ng	99
16) Acenaphthylene	14.14	152	14036	0.40	ng	# 78
17) Acenaphthene	14.47	154	9697	0.42	ng	91
18) Fluorene	15.46	166	11387	0.40	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	3138	0.39	ng	98
21) Hexachlorobenzene	16.47	284	3397	0.40	ng	96
22) Pentachlorophenol	16.81	266	1003	0.52	ng	92
23) Phenanthrene	17.19	178	21866	0.41	ng	99
24) Anthracene	17.29	178	18458	0.39	ng	99
25) Fluoranthene	19.21	202	21407	0.41	ng	98
27) Benzidine	19.38	184	6249	0.47	ng	# 79
28) Pyrene	19.55	202	26332	0.47	ng	99
30) Benzo(a)anthracene	21.29	228	55318	0.85	ng	97
31) 3,3'-Dichlorobenzidine	21.24	252	10599	0.48	ng	# 75
32) Chrysene	21.29	228	55583	0.84	ng	93
33) Bis(2-ethylhexyl)phthalate	21.22	149	6144	0.57	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.32	276	25378	0.42	ng	96
36) Benzo(b)fluoranthene	23.00	252	23690	0.42	ng	97
37) Benzo(k)fluoranthene	23.06	252	24729	0.41	ng	96
38) Benzo(a)pyrene	23.65	252	22044	0.42	ng	# 94
39) Dibenzo(a,h)anthracene	26.34	278	20703	0.40	ng	96
40) Benzo(g,h,i)perylene	27.10	276	21284	0.40	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

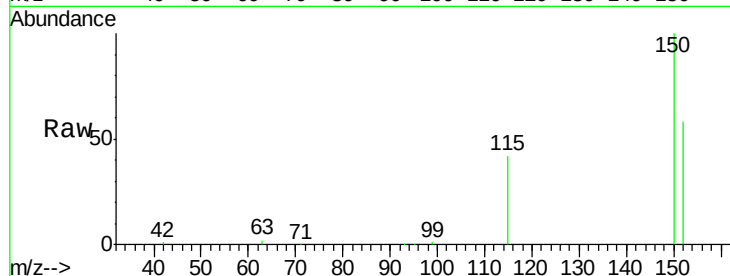
Tgt Ion:152 Resp: 31112

Ion Ratio Lower Upper

152 100

150 172.1 122.6 183.8

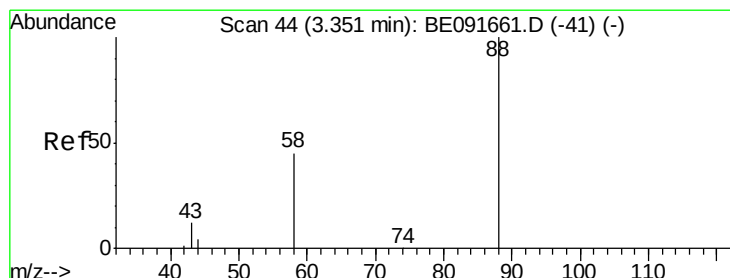
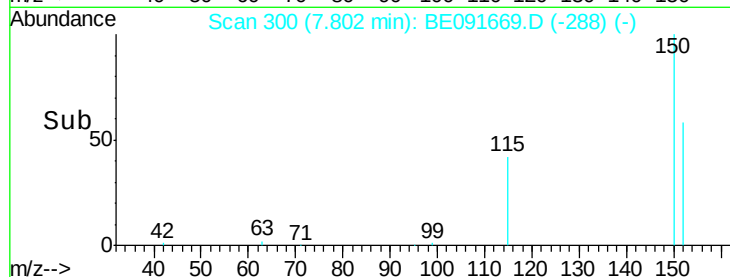
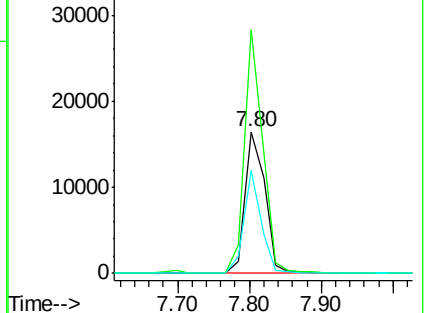
115 72.8 52.8 79.2



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: 0.36 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

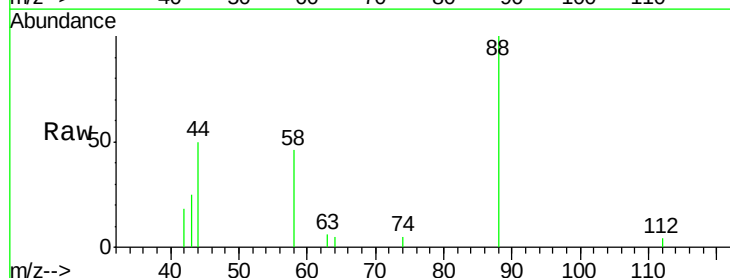
Tgt Ion: 88 Resp: 1612

Ion Ratio Lower Upper

88 100

58 75.4 65.8 98.6

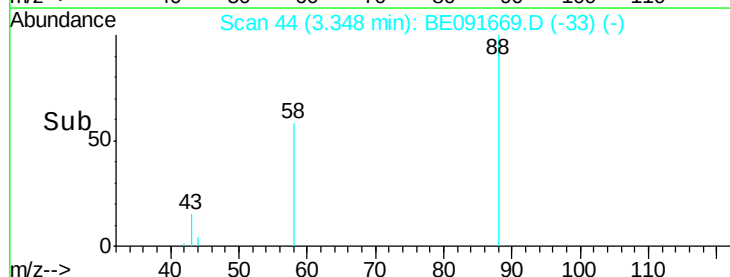
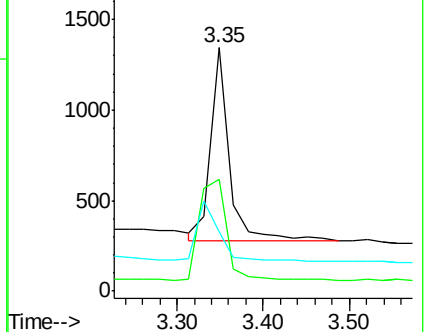
43 39.3 25.3 37.9#

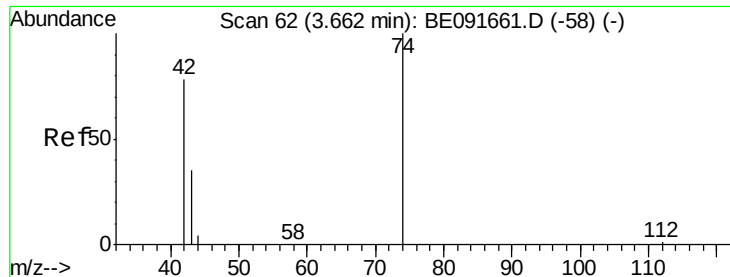


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.41 ng

RT: 3.66 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

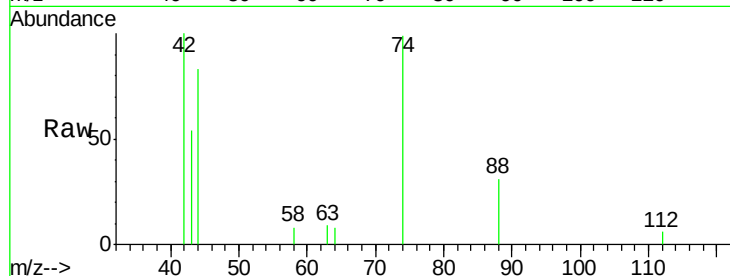
Tgt Ion: 42 Resp: 1835

Ion Ratio Lower Upper

42 100

74 99.7 87.9 131.9

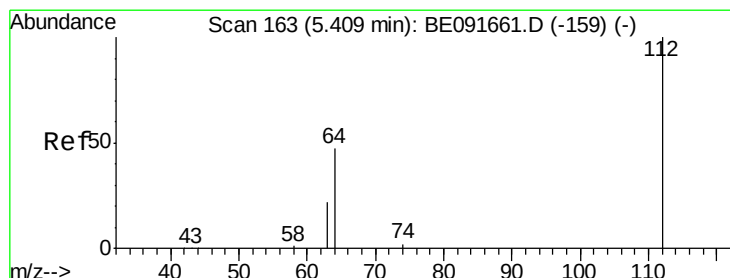
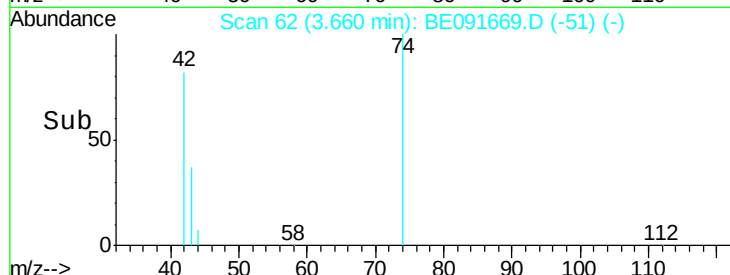
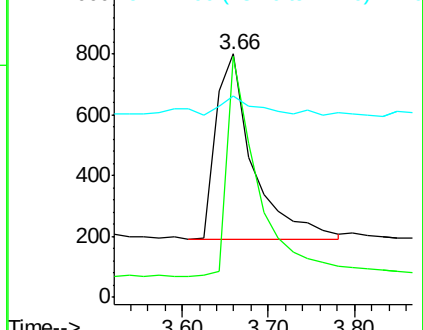
44 11.9 6.6 9.8#



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: 0.41 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

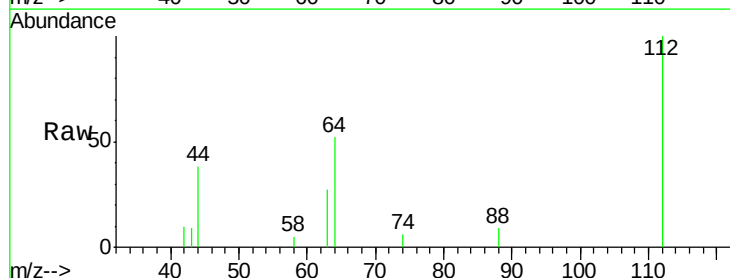
Tgt Ion: 112 Resp: 2805

Ion Ratio Lower Upper

112 100

64 67.0 30.9 46.3#

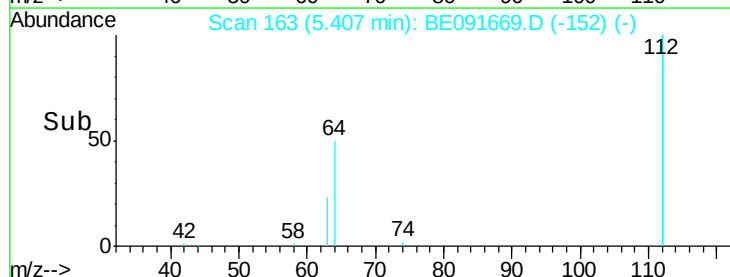
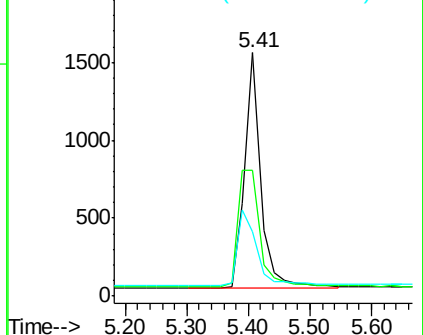
63 37.4 16.7 25.1#

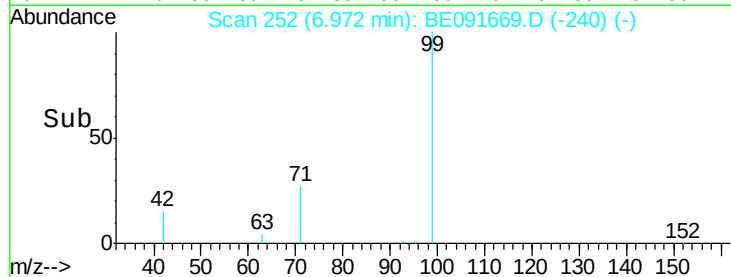
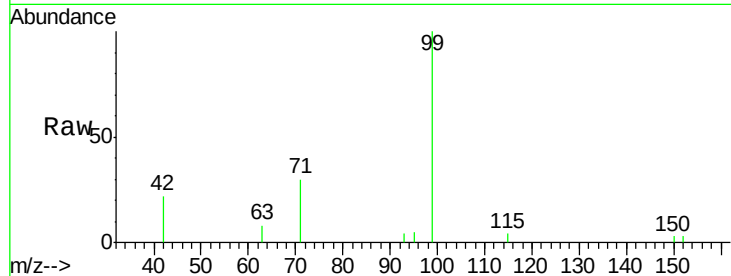
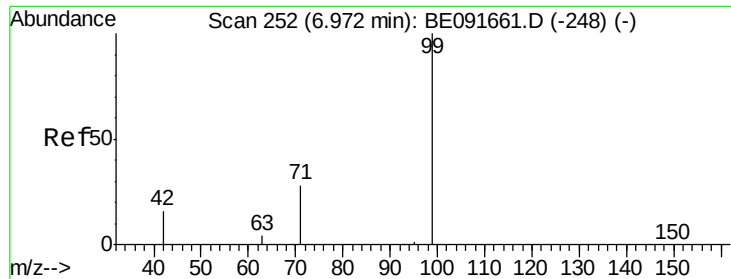


Abundance Ion 112.00 (111.70 to 112.70): E

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: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

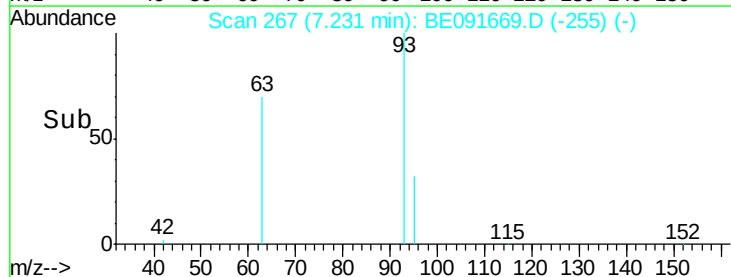
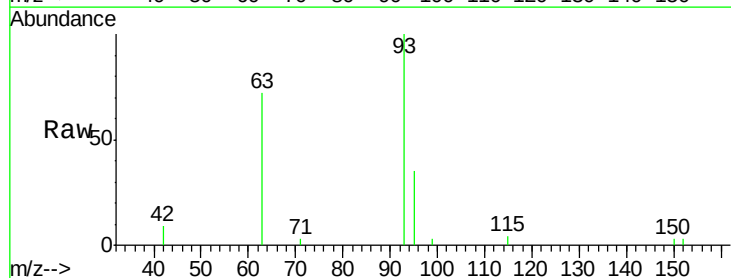
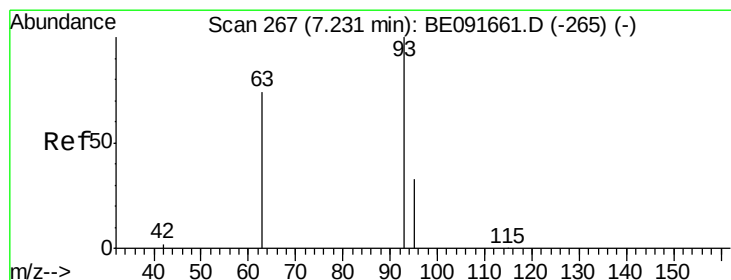
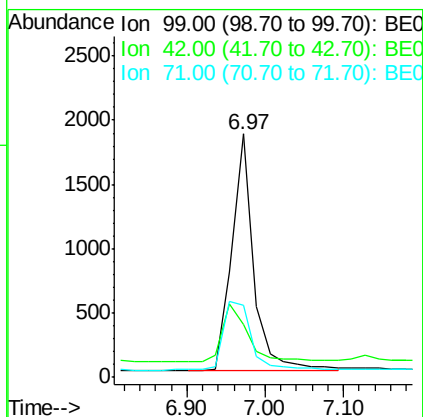
Tgt Ion: 99 Resp: 3610

Ion Ratio Lower Upper

99 100

42 27.0 16.2 24.2#

71 37.0 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.40 ng

RT: 7.23 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

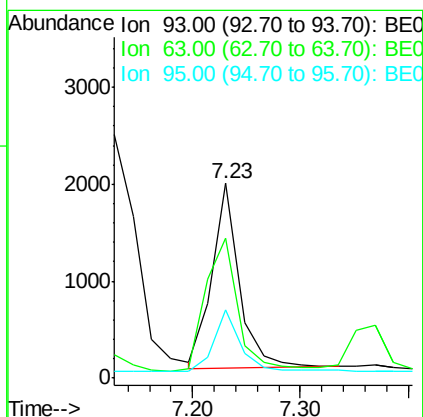
Tgt Ion: 93 Resp: 3388

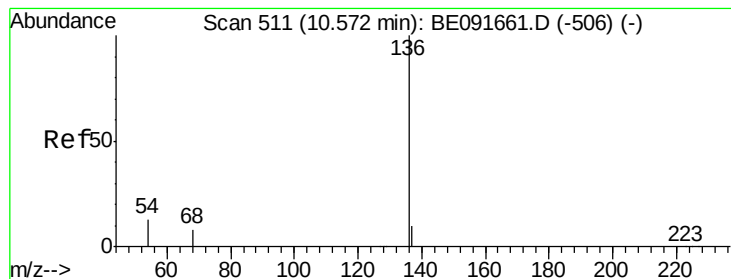
Ion Ratio Lower Upper

93 100

63 85.0 49.5 74.3#

95 33.8 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: BE091669.D

Acq: 18 Apr 2016 17:45

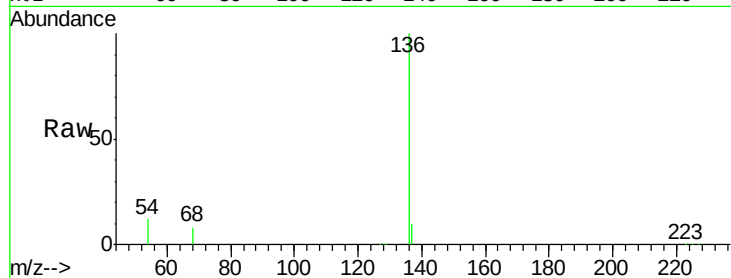
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	136	Resp:	154947
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	11.6	8.2	12.4
68	7.8	6.2	9.4

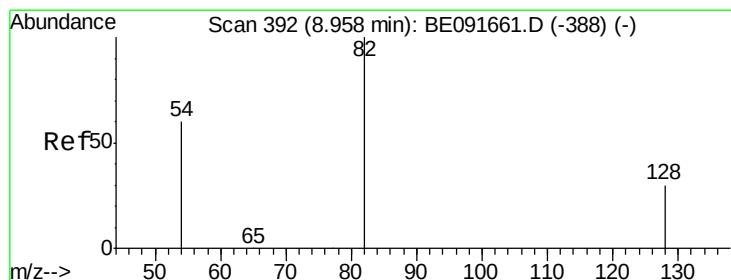
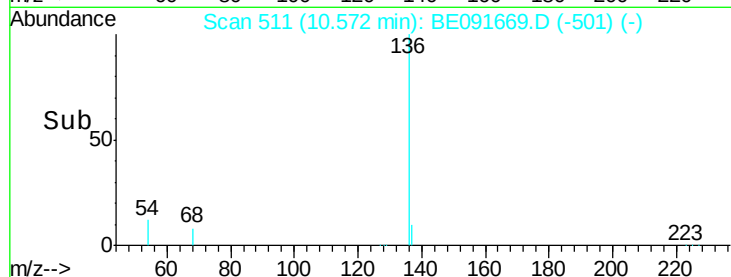
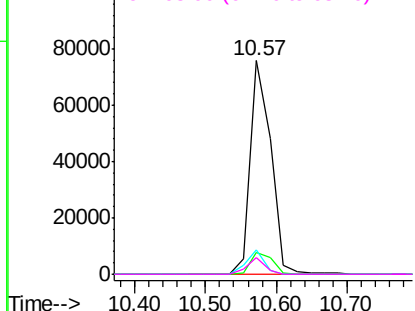


Abundance Ion 136.00 (135.70 to 136.70): BE091669.D (-506) (-)

Ion 137.00 (136.70 to 137.70): BE091669.D (-506) (-)

Ion 54.00 (53.70 to 54.70): BE091669.D (-506) (-)

Ion 68.00 (67.70 to 68.70): BE091669.D (-506) (-)



#8

Nitrobenzene-d5

Concen: 0.39 ng

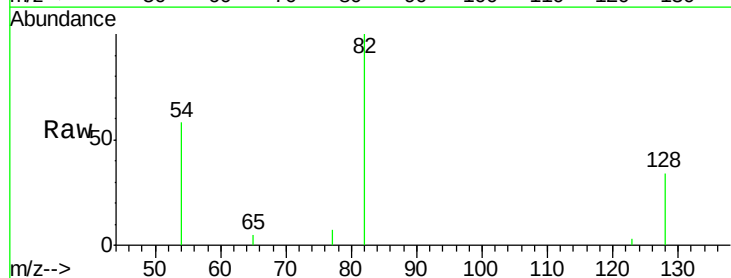
RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

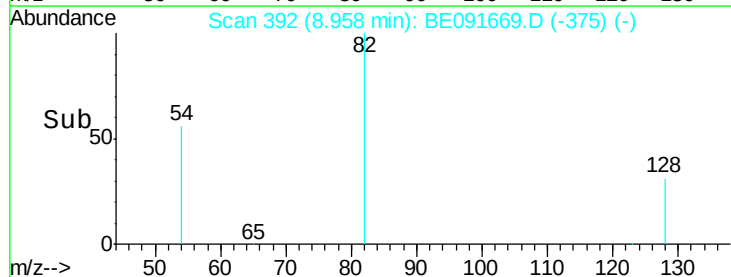
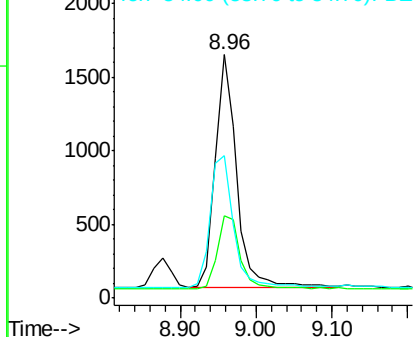
Tgt Ion:	82	Resp:	3117
Ion	Ratio	Lower	Upper
82	100		
128	33.9	25.4	38.0
54	58.4	48.4	72.6

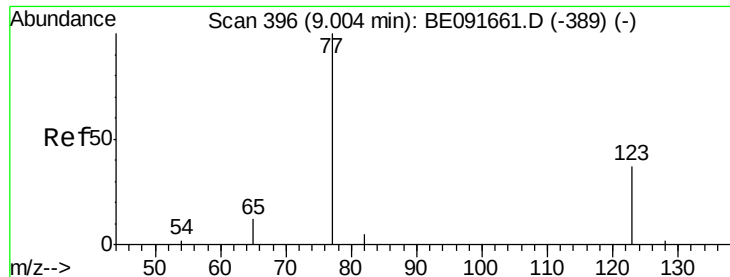


Abundance Ion 82.00 (81.70 to 82.70): BE091669.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091669.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091669.D (-388) (-)





#9

Nitrobenzene

Concen: 0.39 ng

RT: 9.00 min Scan# 396

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

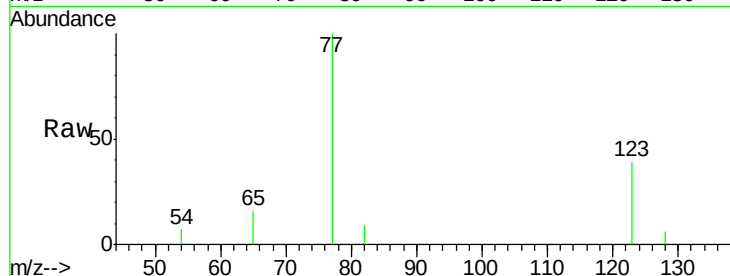
Tgt Ion: 77 Resp: 3143

Ion Ratio Lower Upper

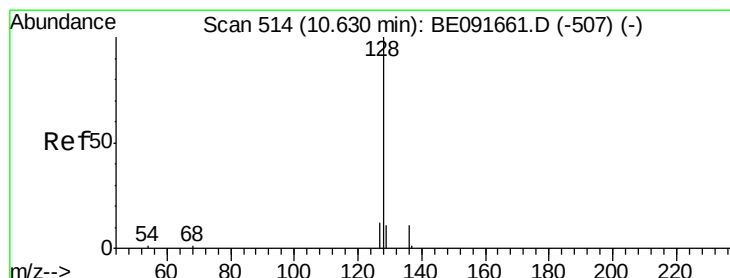
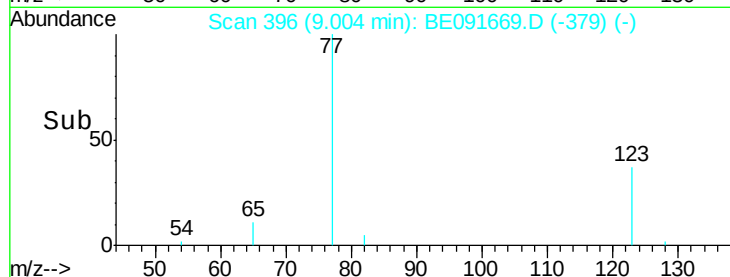
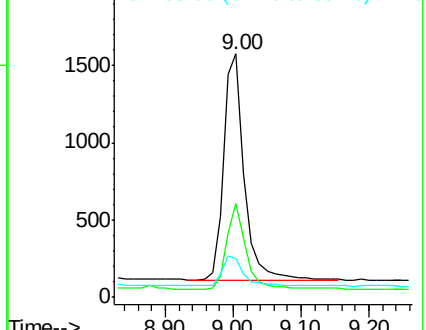
77 100

123 35.2 26.9 40.3

65 13.3 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: 0.41 ng

RT: 10.63 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

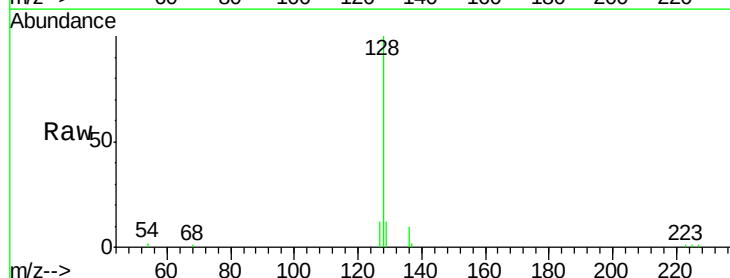
Tgt Ion: 128 Resp: 12840

Ion Ratio Lower Upper

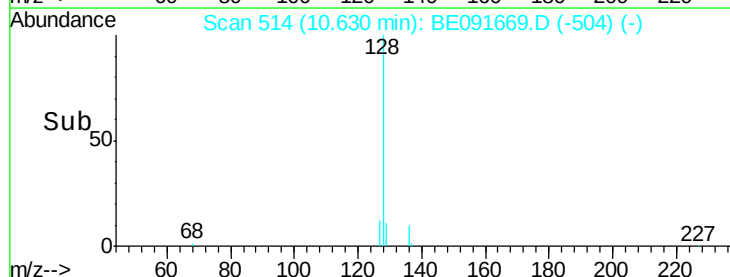
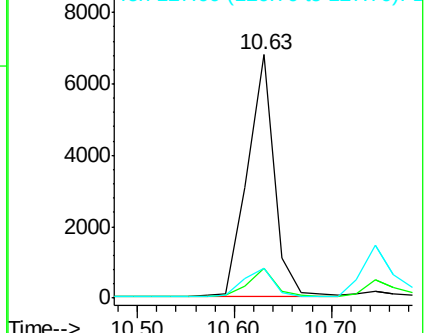
128 100

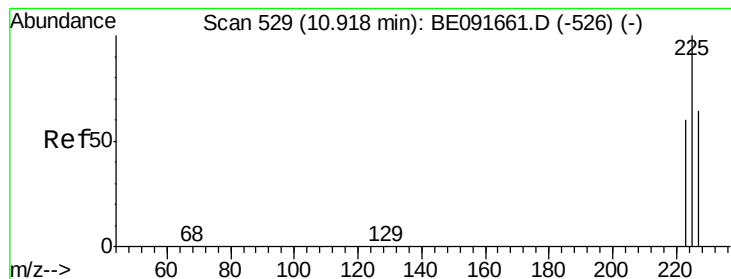
129 12.1 9.3 13.9

127 12.4 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: 0.52 ng

RT: 10.92 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

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SSTDCCC0.4

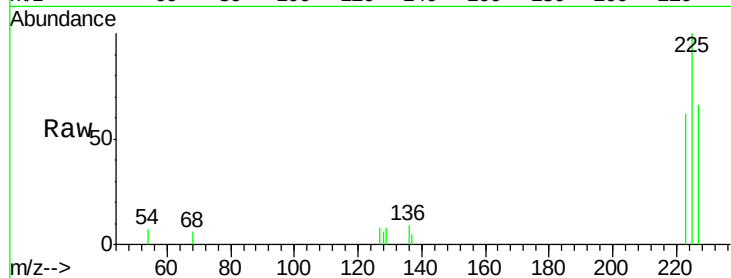
Tgt Ion: 225 Resp: 2382

Ion Ratio Lower Upper

225 100

223 72.7 49.0 73.6

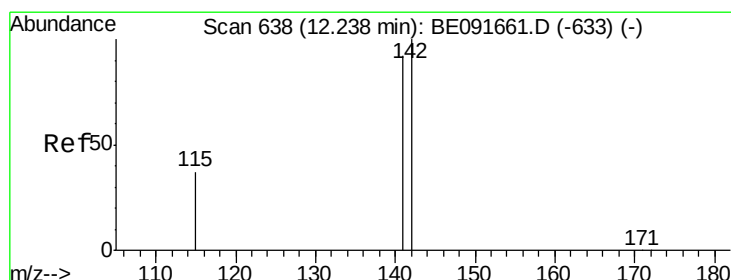
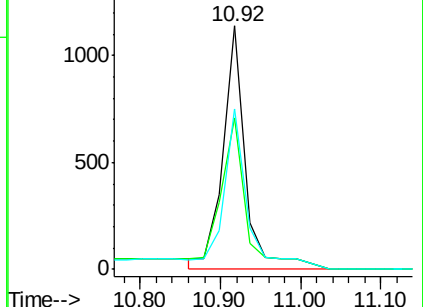
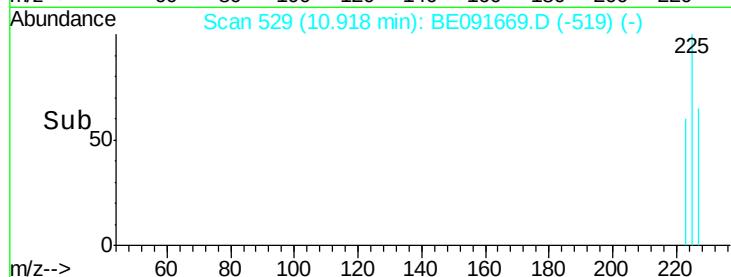
227 69.6 50.3 75.5



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: 12.24 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

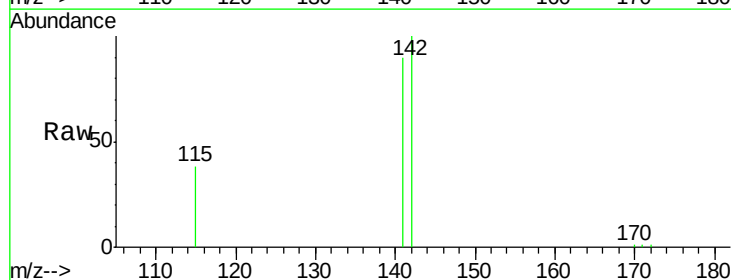
Tgt Ion: 142 Resp: 8128

Ion Ratio Lower Upper

142 100

141 90.1 71.4 107.0

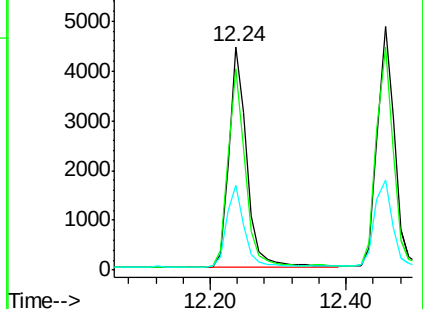
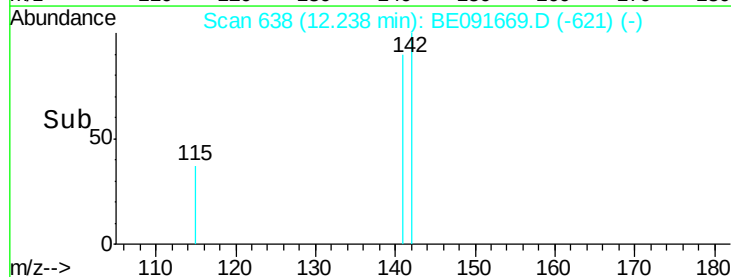
115 38.2 30.3 45.5

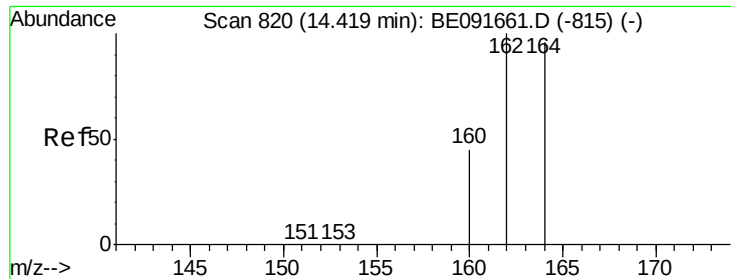


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

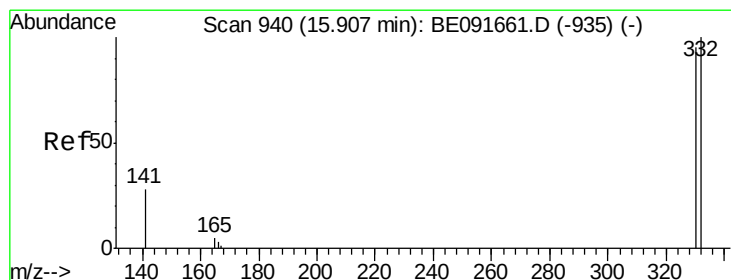
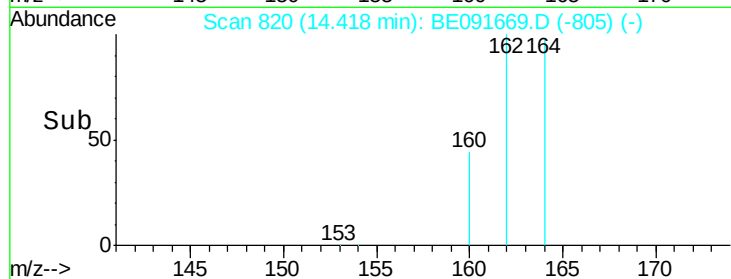
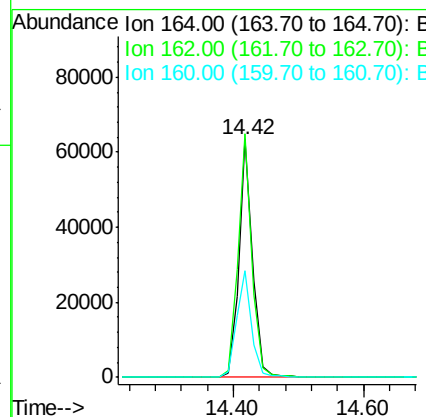
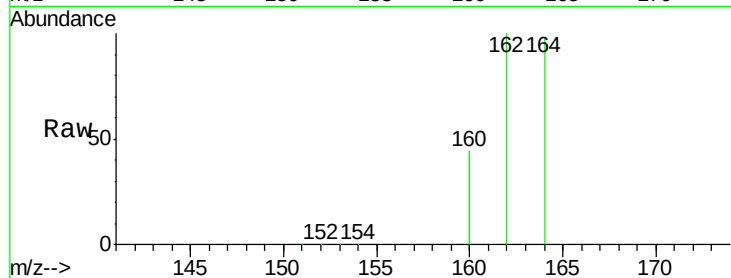




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

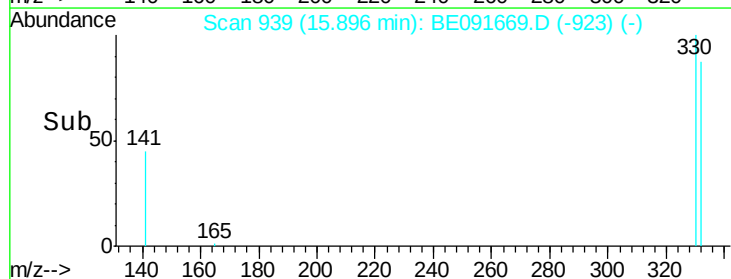
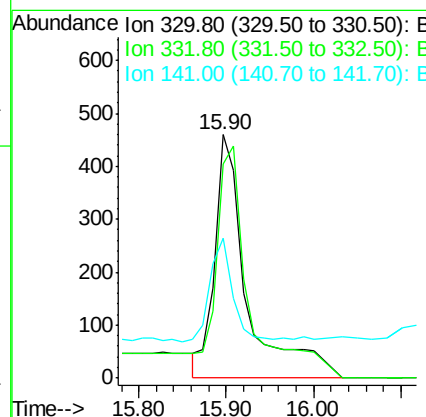
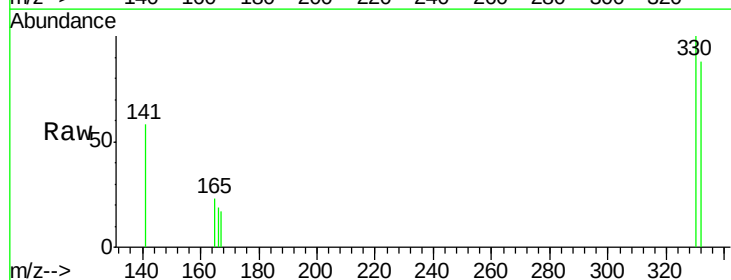
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

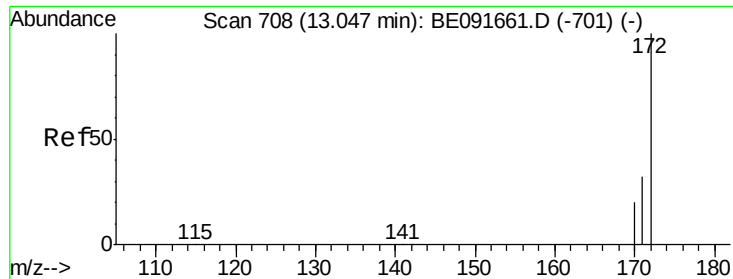
Tgt Ion:164 Resp: 94361
Ion Ratio Lower Upper
164 100
162 102.2 85.3 127.9
160 44.5 46.2 69.2#



#14
2,4,6-Tribromophenol
Concen: 0.65 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion:330 Resp: 1302
Ion Ratio Lower Upper
330 100
332 98.1 79.1 118.7
141 27.3 125.4 188.0#

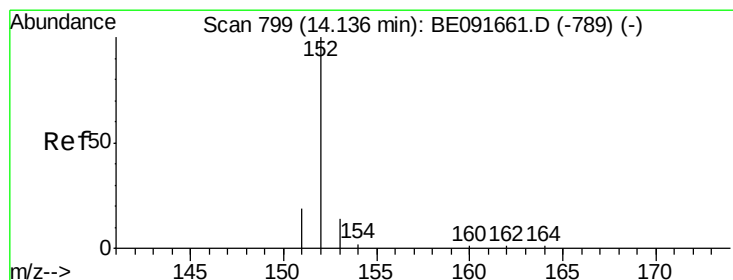
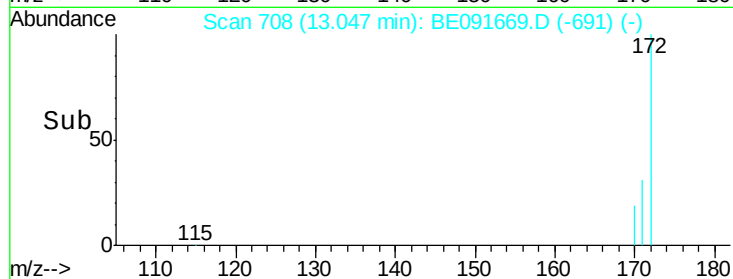
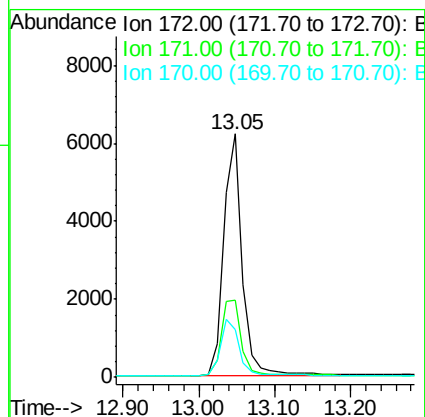
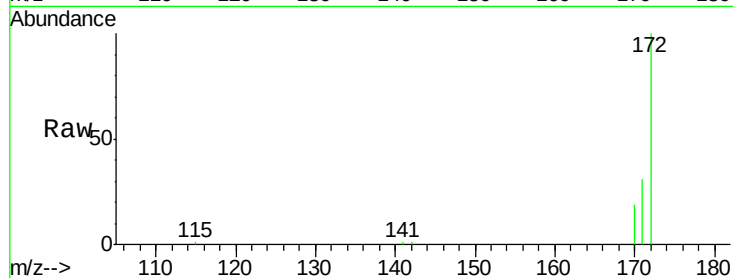




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

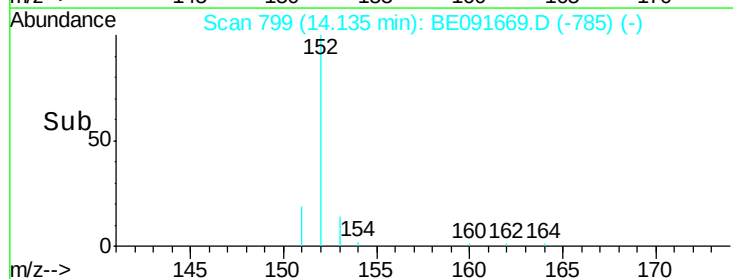
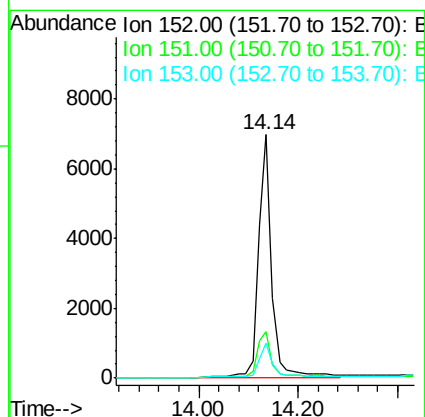
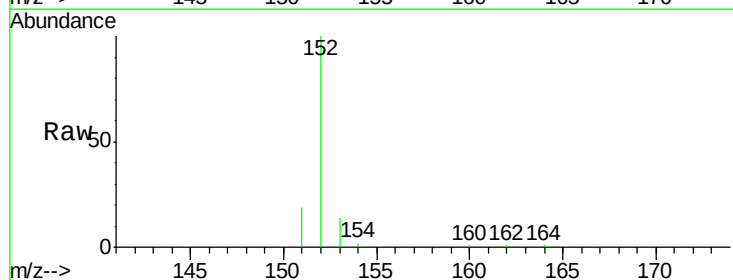
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

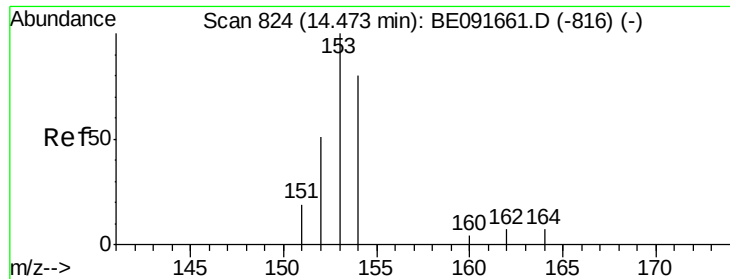
Tgt Ion:172 Resp: 10626
Ion Ratio Lower Upper
172 100
171 31.5 28.8 43.2
170 19.4 19.3 28.9



#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion:152 Resp: 14036
Ion Ratio Lower Upper
152 100
151 18.8 3.9 5.9#
153 18.6 10.3 15.5#

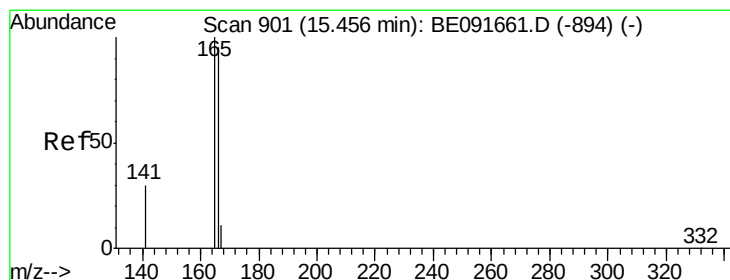
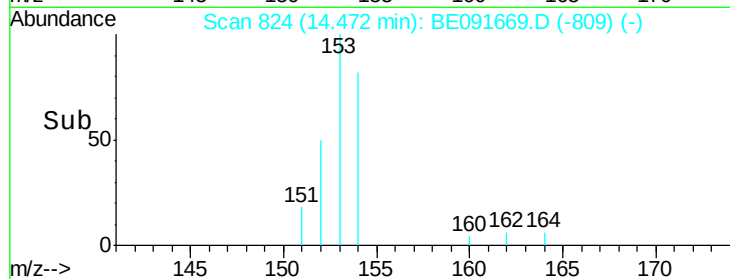
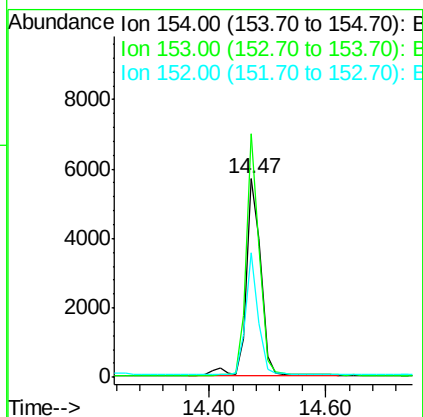
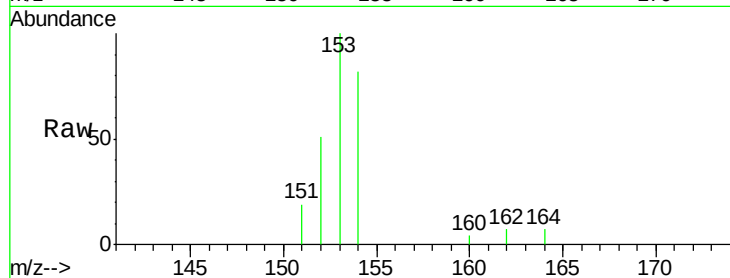




#17
Acenaphthene
Concen: 0.42 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

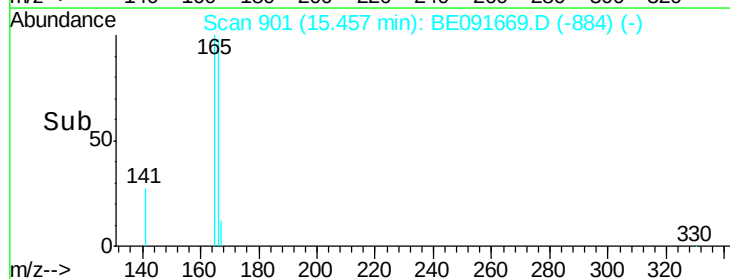
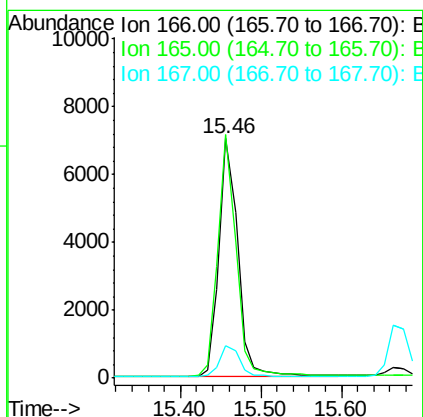
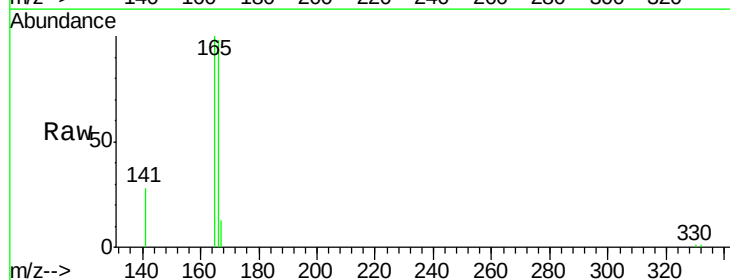
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

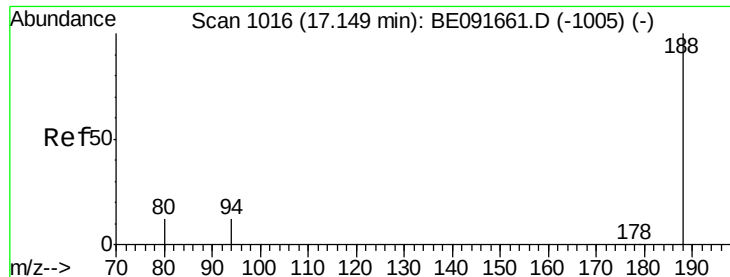
Tgt Ion:154 Resp: 9697
Ion Ratio Lower Upper
154 100
153 110.1 80.0 120.0
152 54.4 40.0 60.0



#18
Fluorene
Concen: 0.40 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion:166 Resp: 11387
Ion Ratio Lower Upper
166 100
165 98.7 80.8 121.2
167 13.5 10.9 16.3

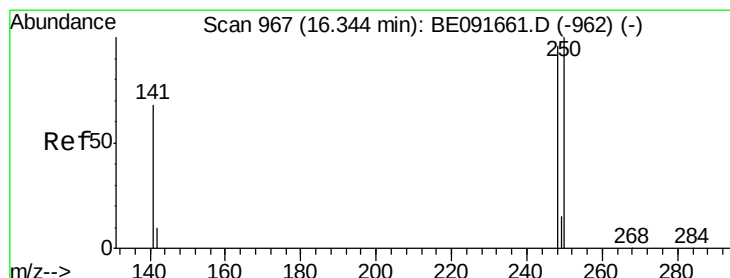
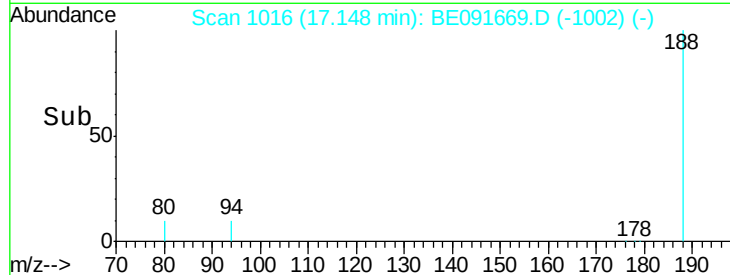
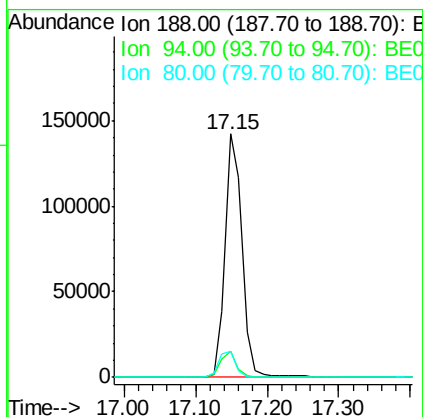
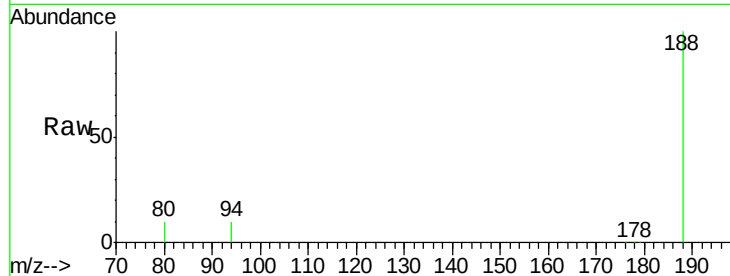




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

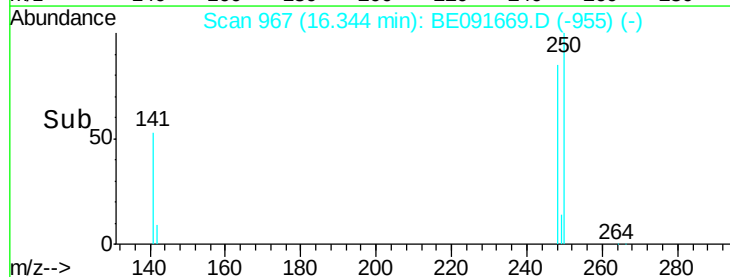
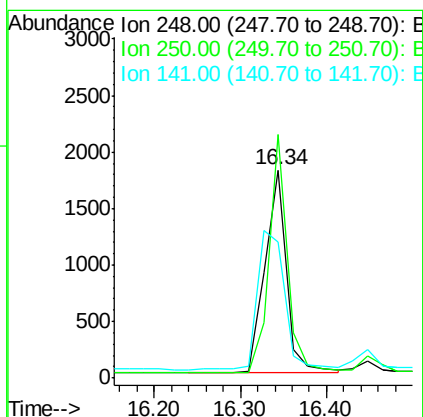
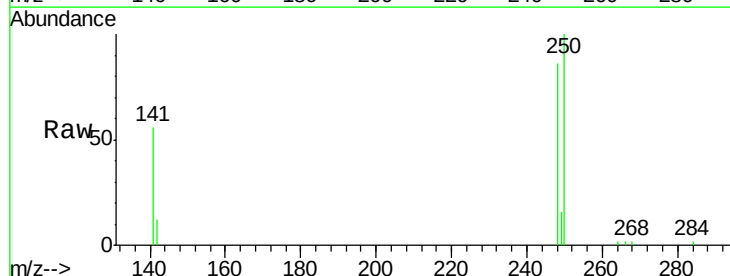
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

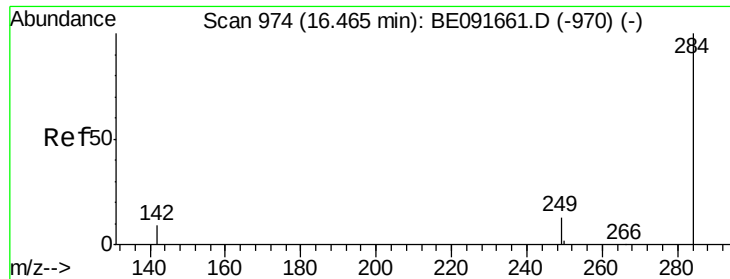
Tgt Ion:188 Resp: 233359
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 10.4 9.4 14.0



#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion:248 Resp: 3138
Ion Ratio Lower Upper
248 100
250 99.8 80.5 120.7
141 86.9 72.0 108.0

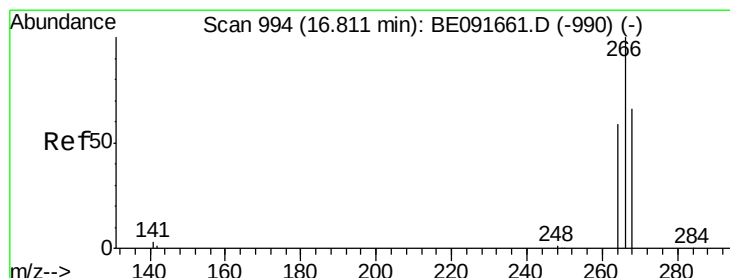
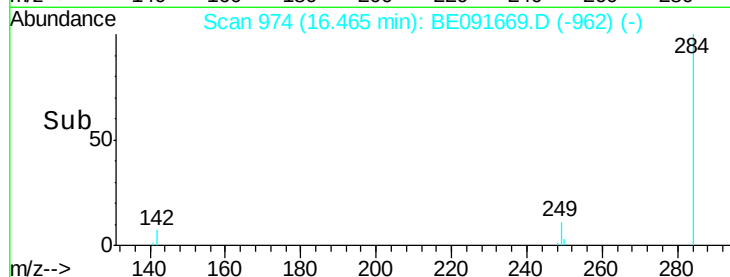
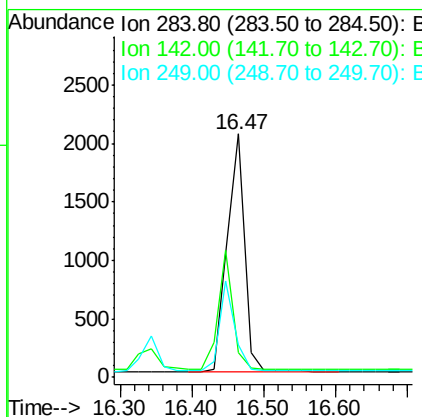
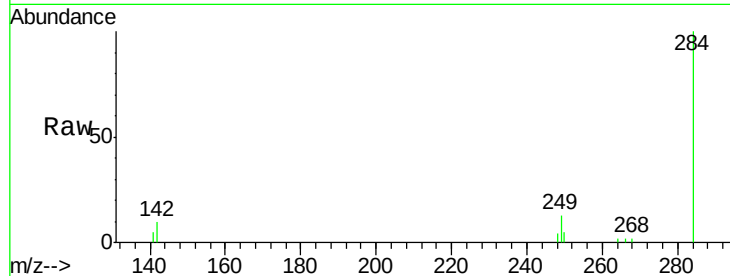




#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.47 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

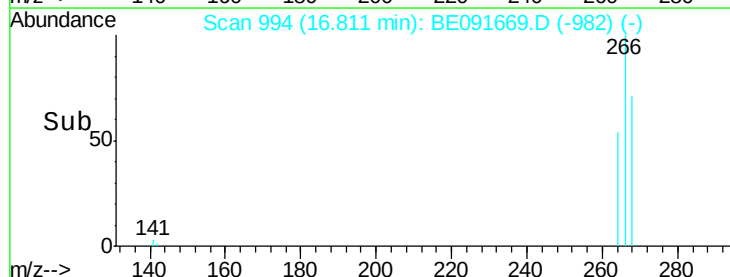
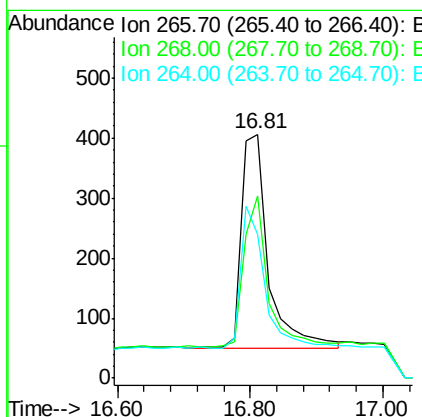
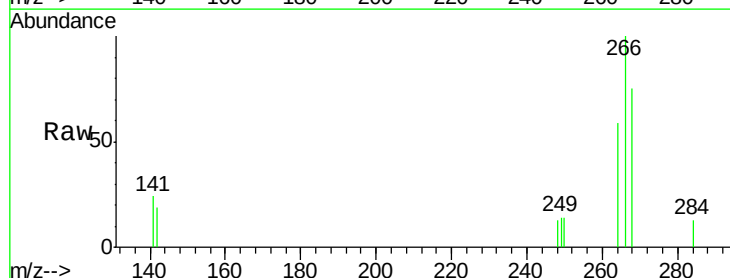
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

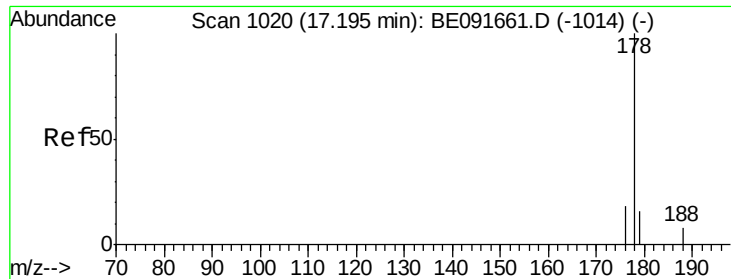
Tgt Ion: 284 Resp: 3397
Ion Ratio Lower Upper
284 100
142 42.9 32.2 48.2
249 33.8 25.4 38.2



#22
Pentachlorophenol
Concen: 0.52 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion: 266 Resp: 1003
Ion Ratio Lower Upper
266 100
268 74.9 58.2 87.2
264 59.1 56.2 84.4

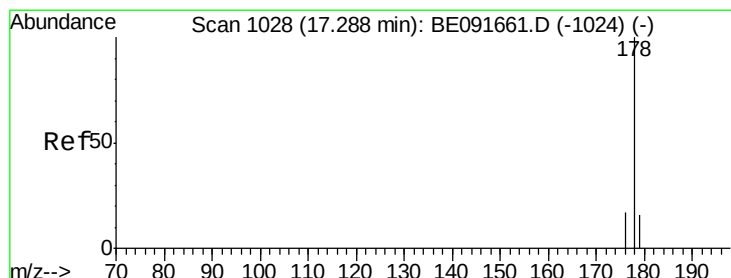
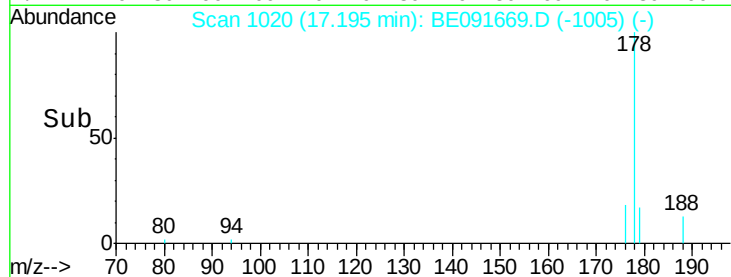
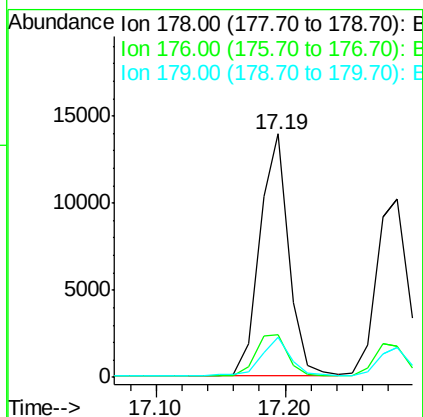
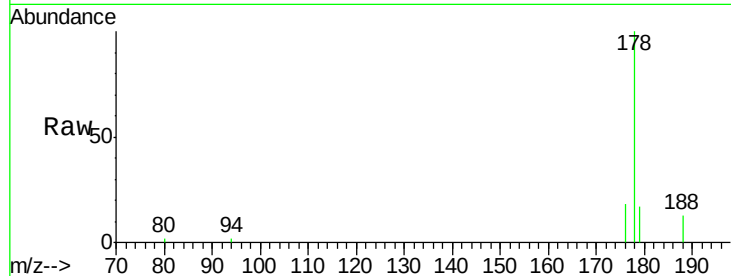




#23
Phenanthrene
Concen: 0.41 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

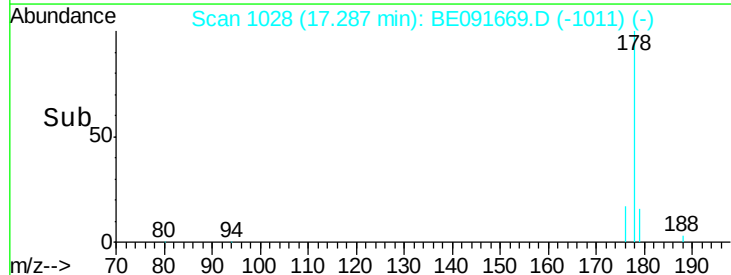
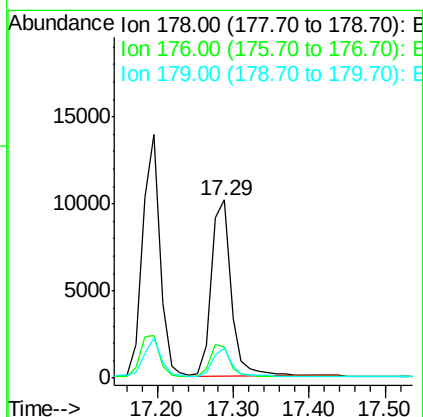
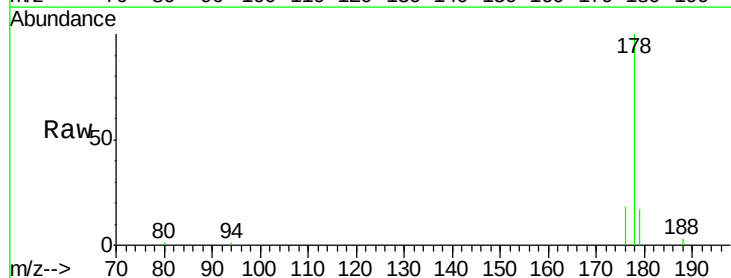
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

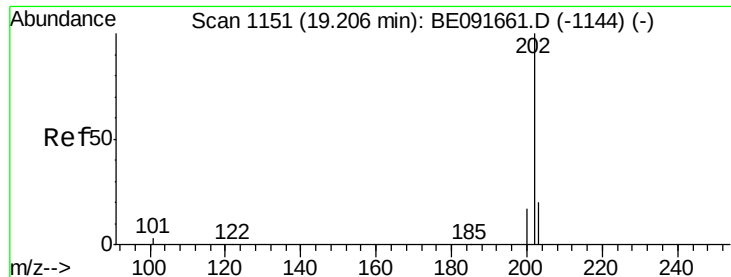
Tgt Ion:178 Resp: 21866
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.7 12.6 18.8



#24
Anthracene
Concen: 0.39 ng
RT: 17.29 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion:178 Resp: 18458
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.0 11.8 17.6





#25

Fluoranthene

Concen: 0.41 ng

RT: 19.21 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

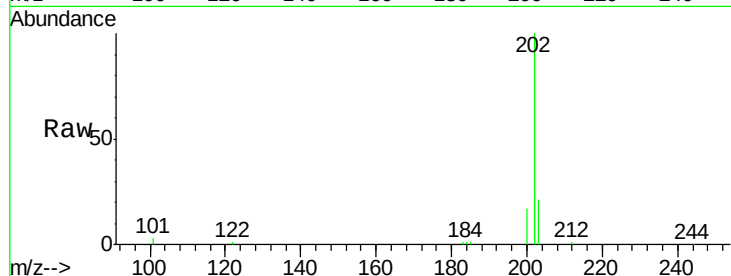
Tgt Ion:202 Resp: 21407

Ion Ratio Lower Upper

202 100

101 12.1 11.0 16.6

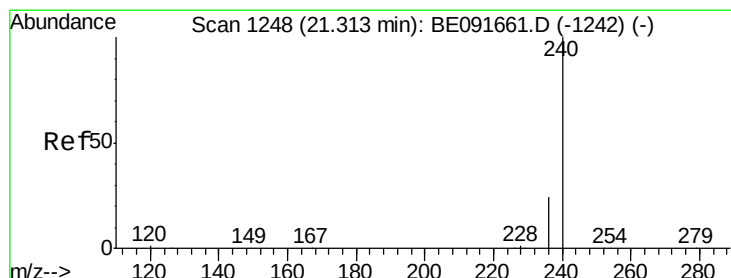
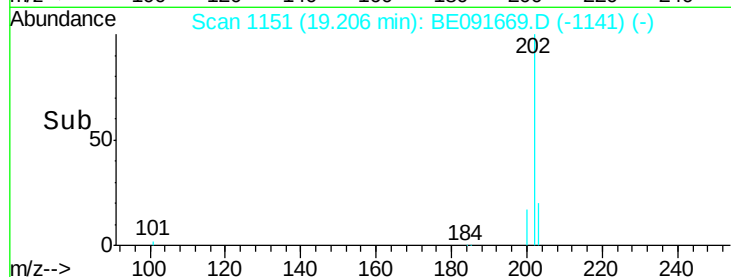
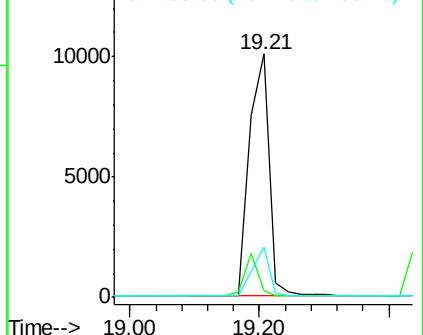
203 17.6 13.9 20.9



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: BE091669.D

Acq: 18 Apr 2016 17:45

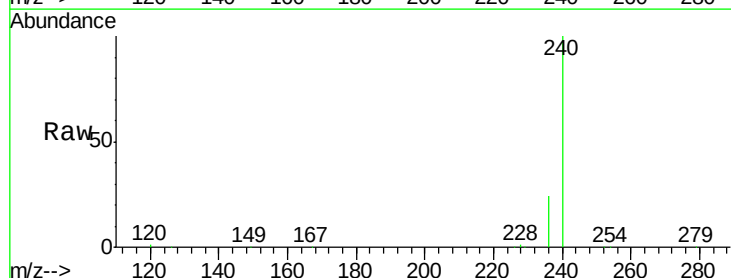
Tgt Ion:240 Resp: 281193

Ion Ratio Lower Upper

240 100

120 1.2 11.0 16.4#

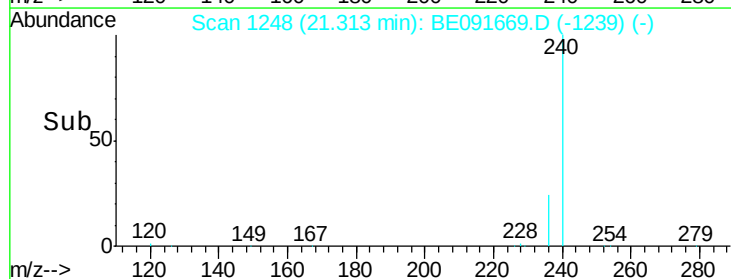
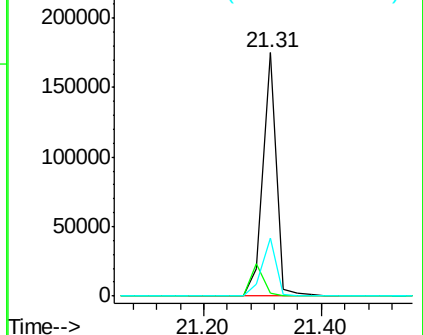
236 23.7 21.7 32.5

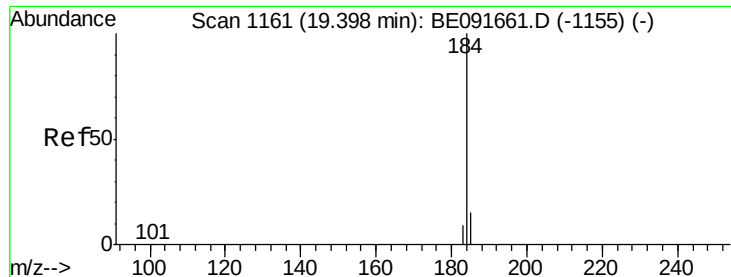


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

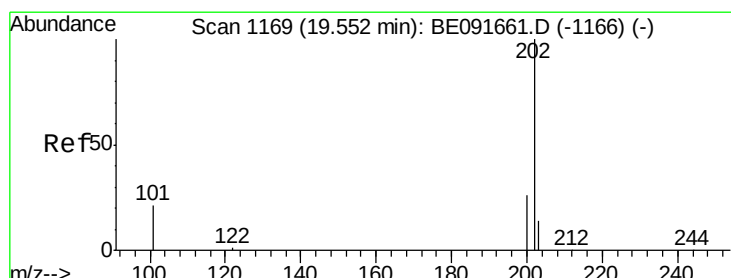
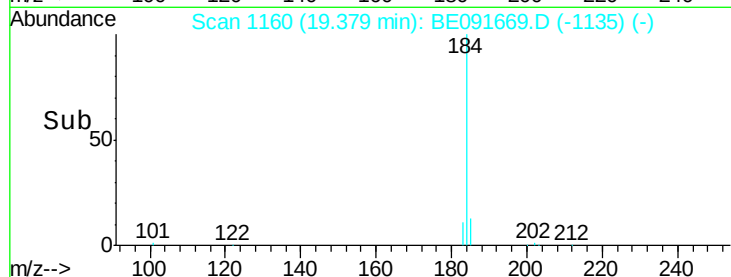
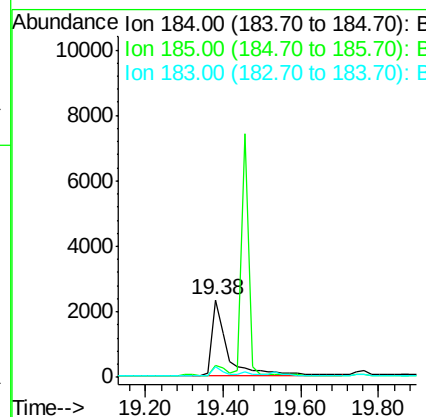
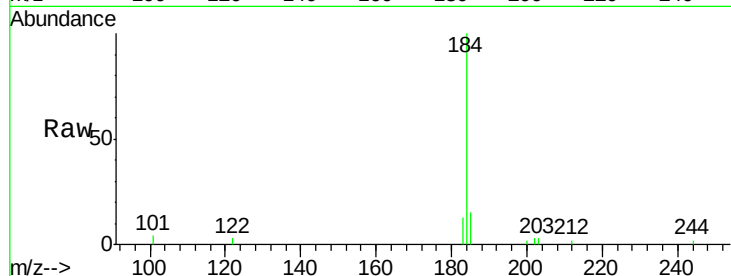




#27
Benzidine
Concen: 0.47 ng
RT: 19.38 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

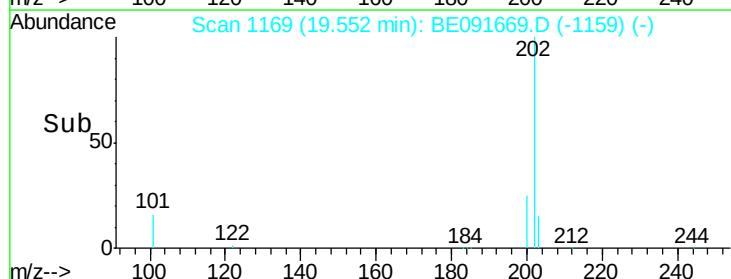
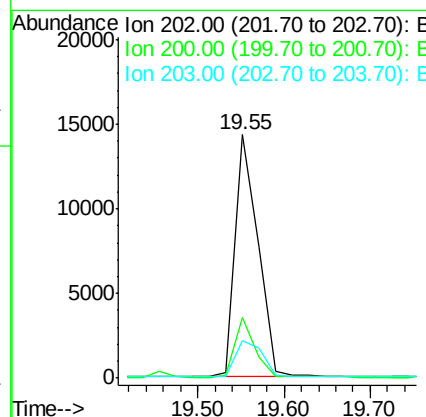
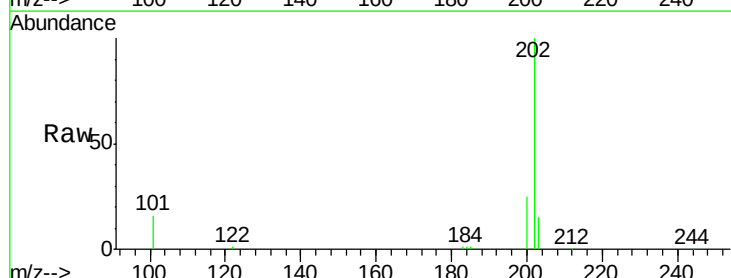
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

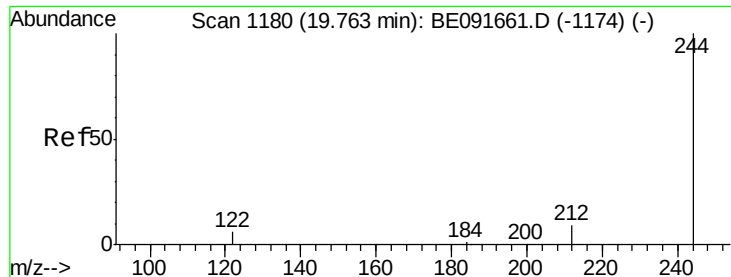
Tgt Ion:184 Resp: 6249
Ion Ratio Lower Upper
184 100
185 15.0 22.3 33.5#
183 13.4 16.4 24.6#



#28
Pyrene
Concen: 0.47 ng
RT: 19.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion:202 Resp: 26332
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.44 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

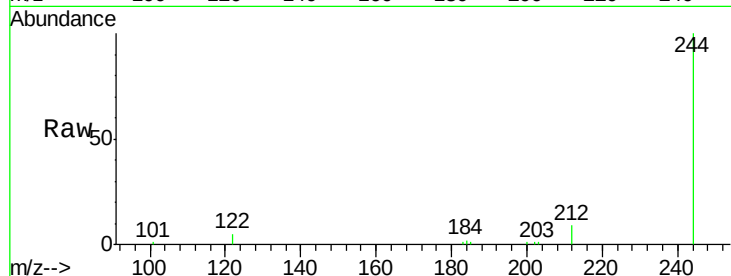
Tgt Ion:244 Resp: 17042

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

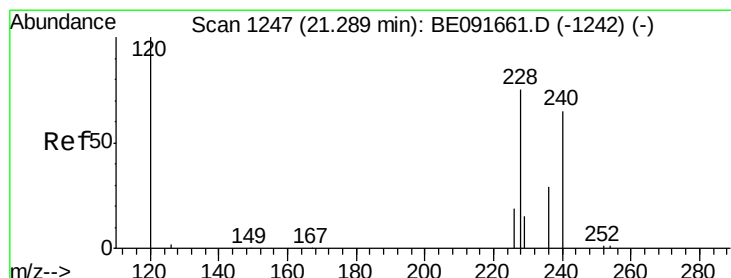
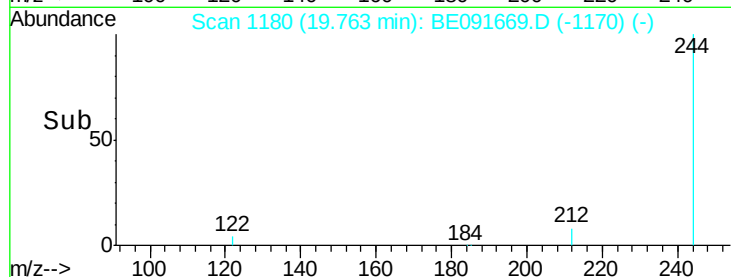
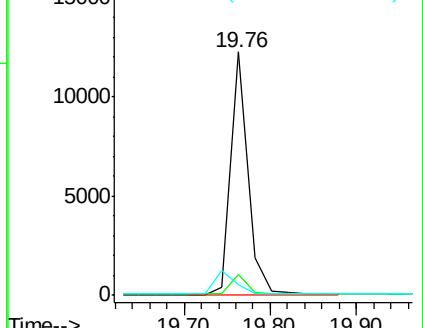
122 4.6 11.0 16.4#



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: 0.85 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

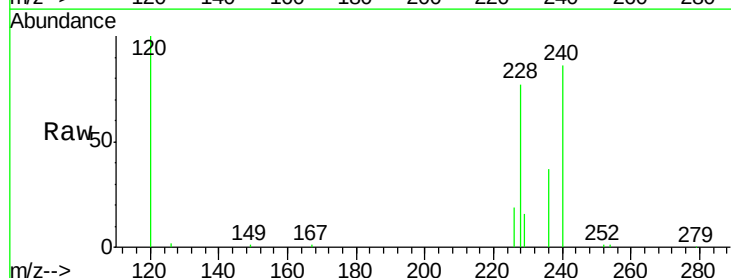
Tgt Ion:228 Resp: 55318

Ion Ratio Lower Upper

228 100

226 24.5 21.0 31.4

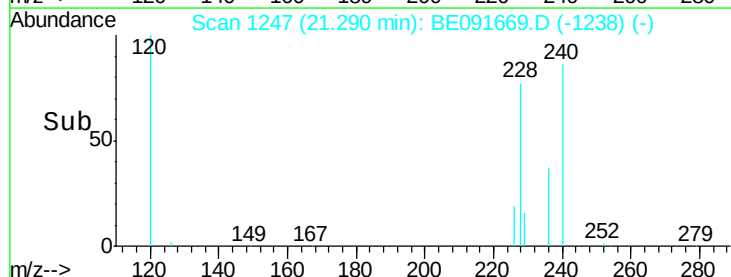
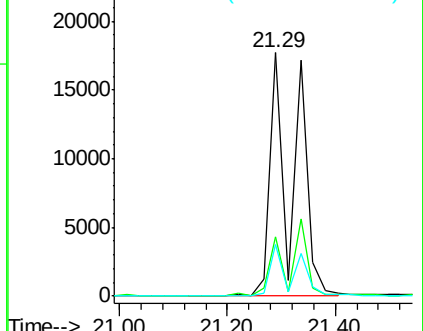
229 21.0 15.7 23.5

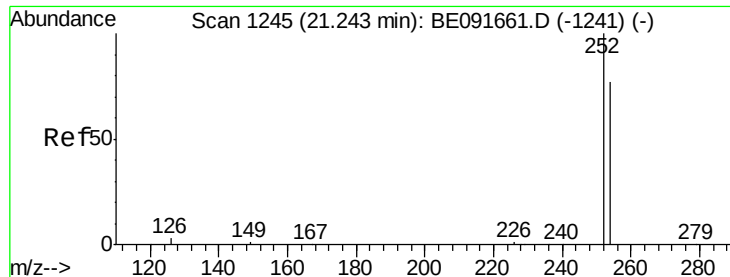


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

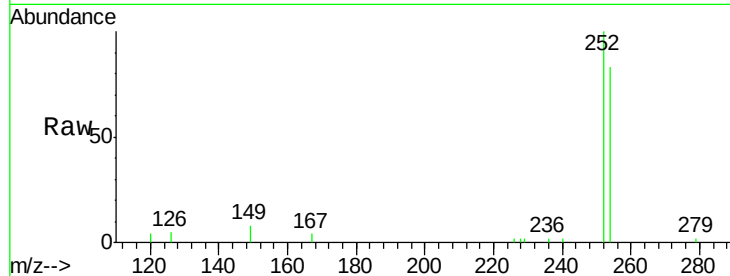




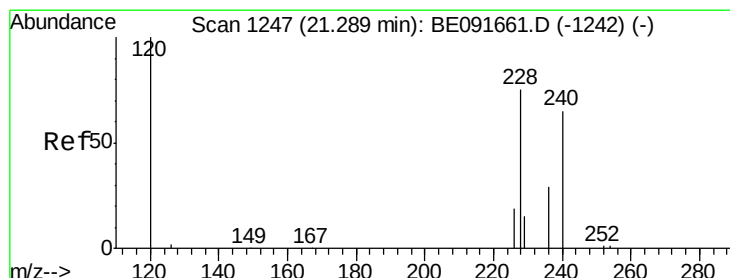
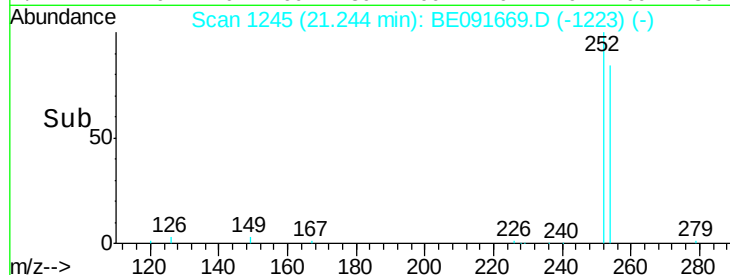
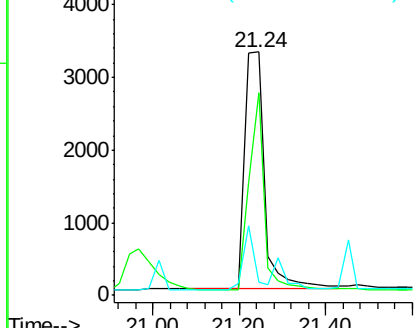
#31
 3,3'-Dichlorobenzidine
 Concen: 0.48 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 252 Resp: 10599
 Ion Ratio Lower Upper
 252 100
 254 83.5 51.1 76.7#
 126 5.4 12.6 18.8#

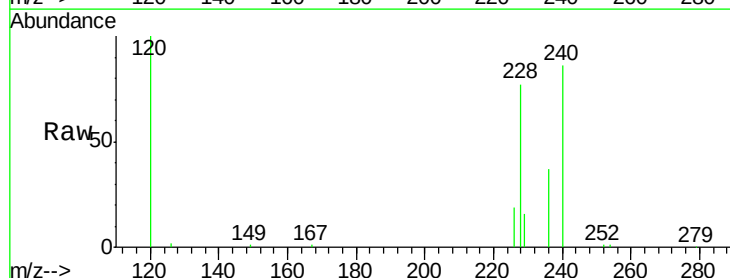


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

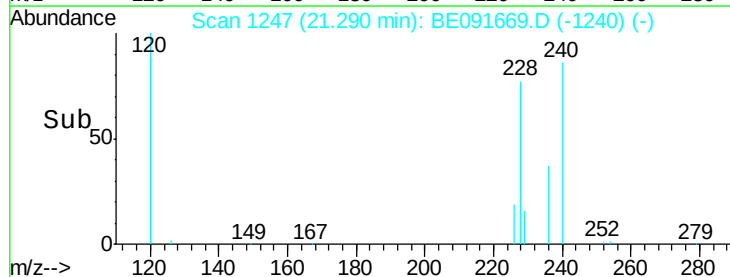
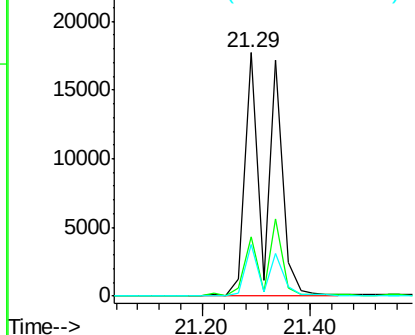


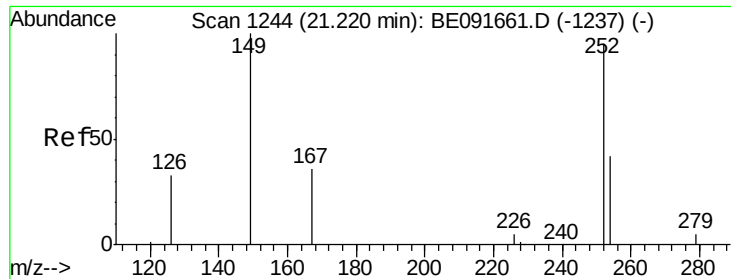
#32
 Chrysene
 Concen: 0.84 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Tgt Ion: 228 Resp: 55583
 Ion Ratio Lower Upper
 228 100
 226 24.5 24.0 36.0
 229 21.0 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

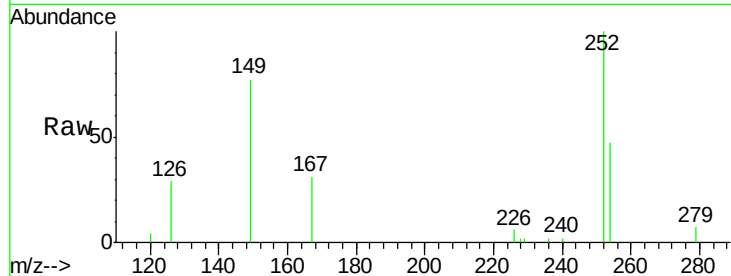




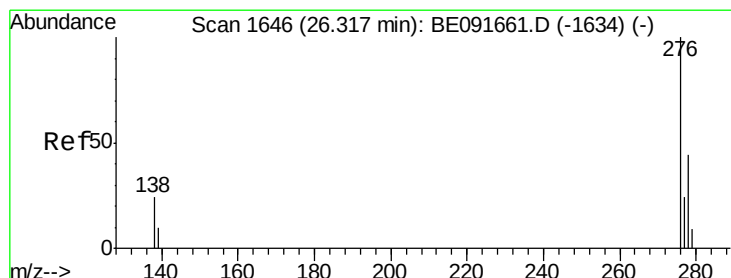
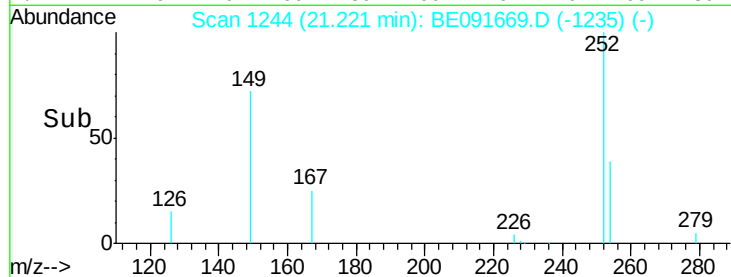
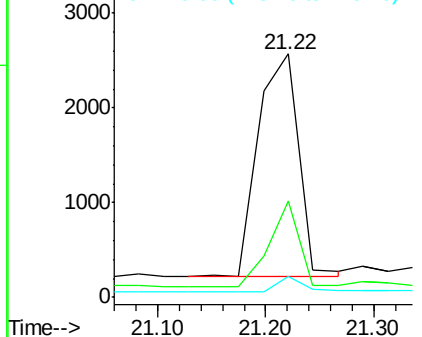
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.57 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:149 Resp: 6144
 Ion Ratio Lower Upper
 149 100
 167 27.9 19.5 29.3
 279 4.1 10.0 15.0#

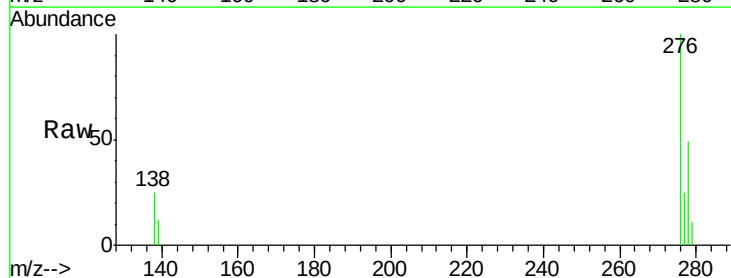


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

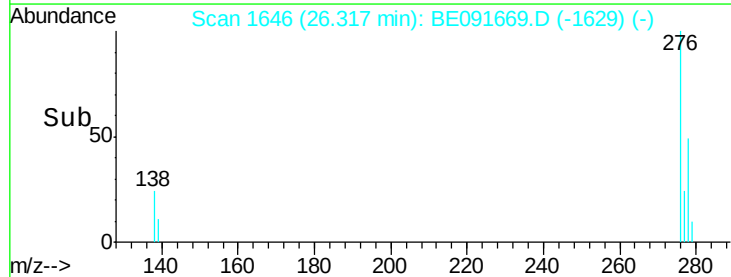
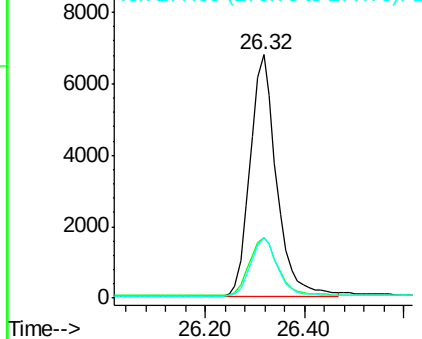


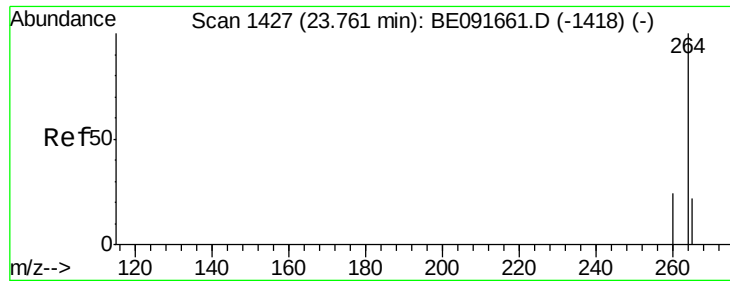
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.42 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Tgt Ion:276 Resp: 25378
 Ion Ratio Lower Upper
 276 100
 138 25.9 23.4 35.2
 277 24.7 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

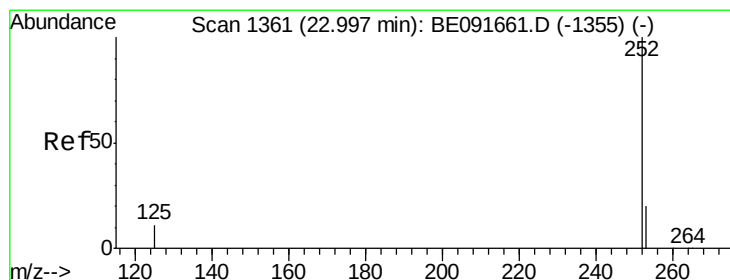
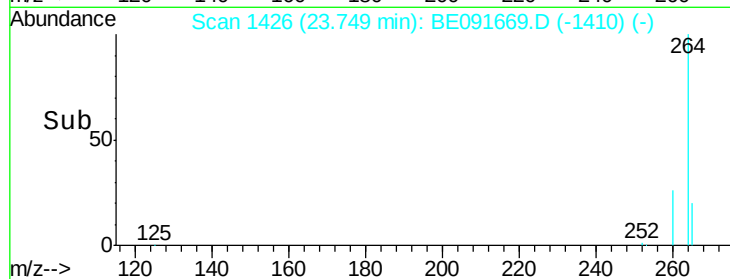
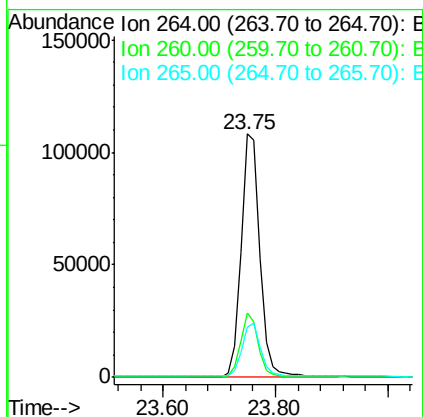
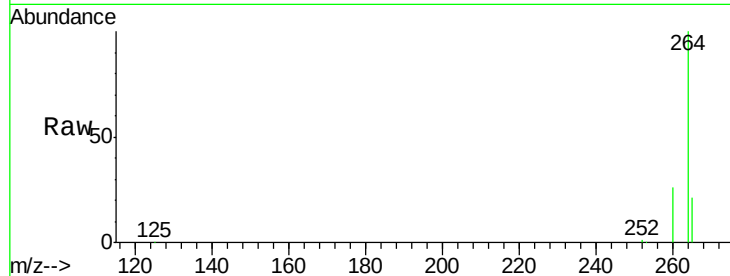




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

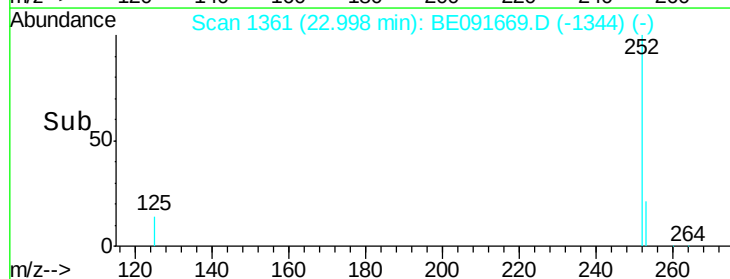
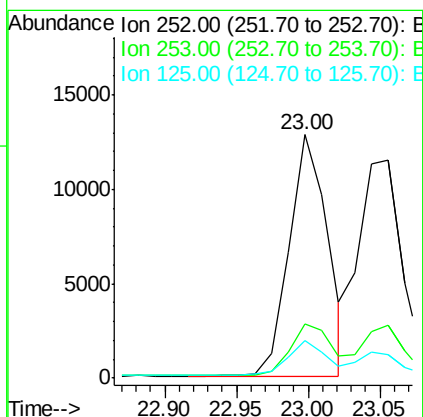
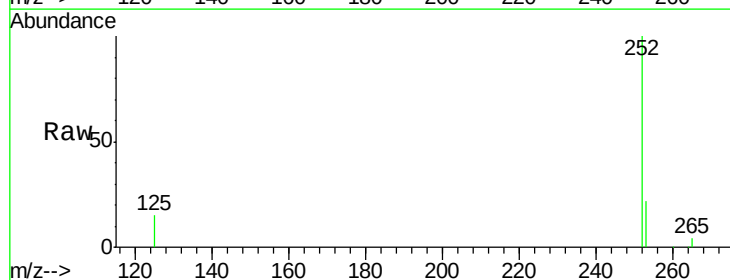
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

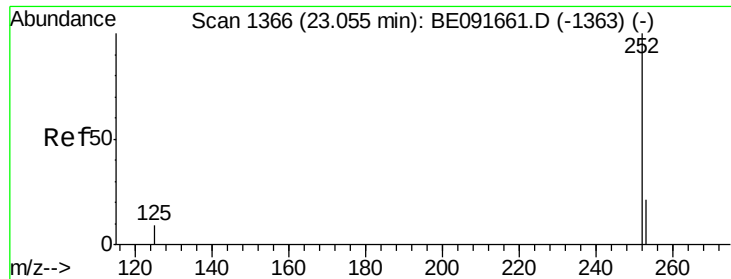
Tgt Ion: 264 Resp: 255683
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.0 30.0
 265 20.6 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 0.42 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Tgt Ion: 252 Resp: 23690
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.0
 125 15.2 10.2 15.2

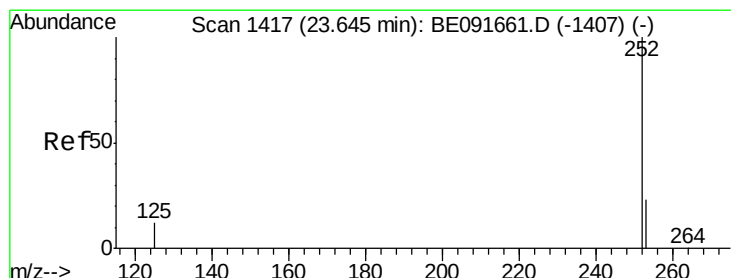
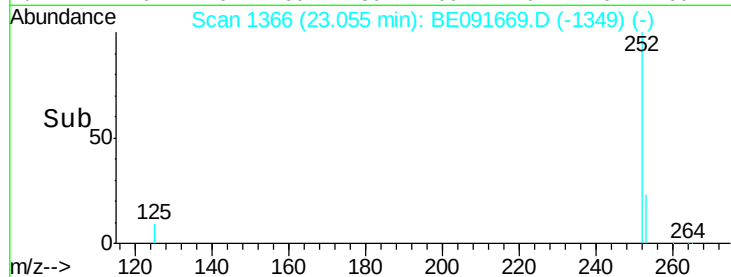
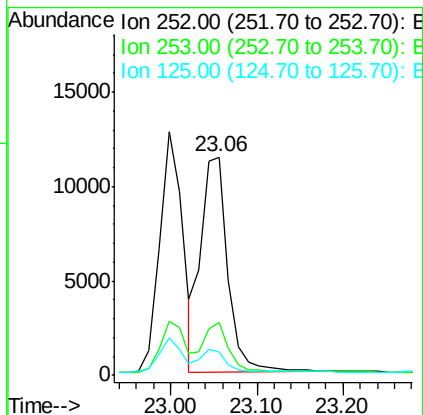
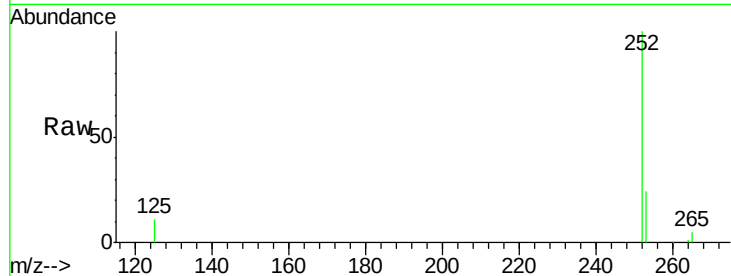




#37
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

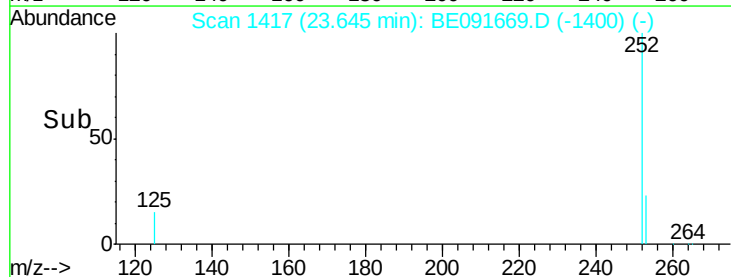
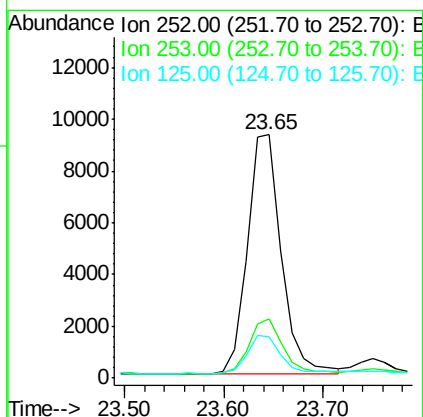
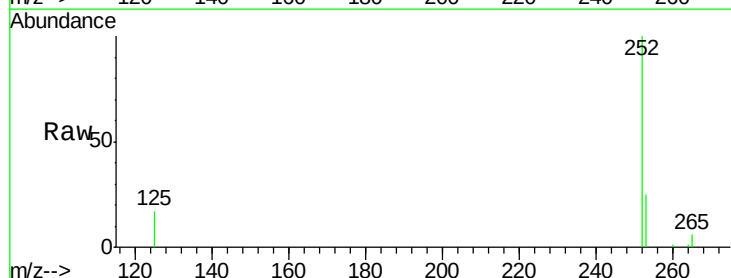
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

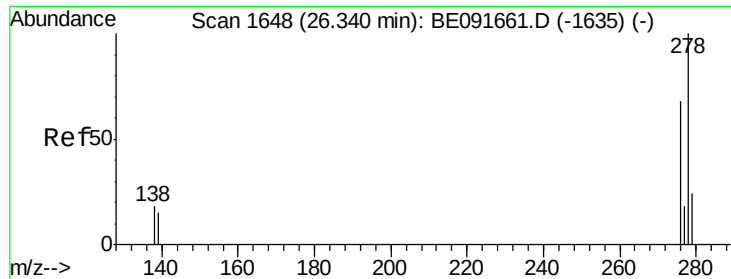
Tgt Ion: 252 Resp: 24729
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 10.8 9.9 14.9



#38
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.65 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion: 252 Resp: 22044
Ion Ratio Lower Upper
252 100
253 24.6 18.1 27.1
125 17.1 11.0 16.4#





#39

Dibenzo(a,h)anthracene

Concen: 0.40 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

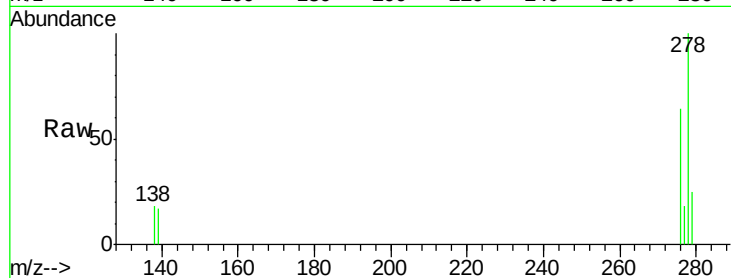
Tgt Ion: 278 Resp: 20703

Ion Ratio Lower Upper

278 100

139 16.6 16.0 24.0

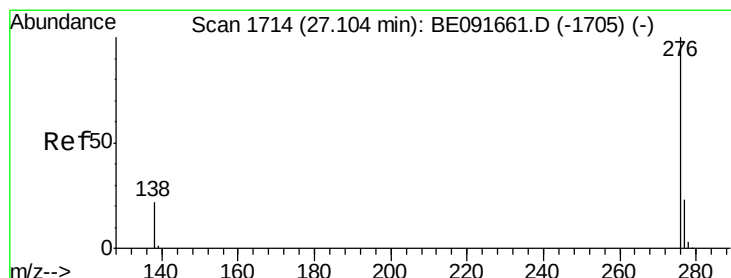
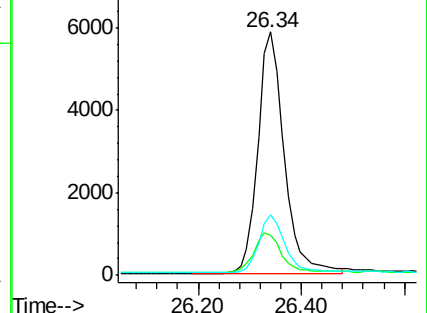
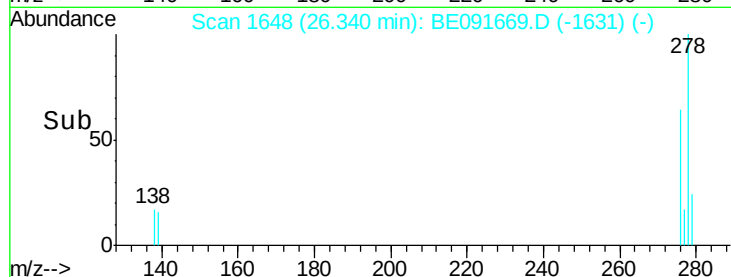
279 24.9 19.4 29.2



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: 0.40 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

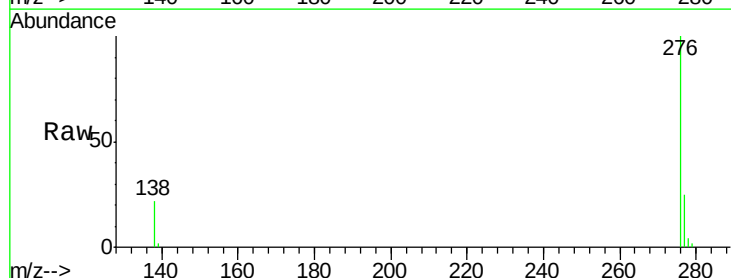
Tgt Ion: 276 Resp: 21284

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 22.0 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

