

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092000.D
 Acq On : 22 Jul 2016 10:19
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jul 22 11:56:55 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 11:36:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	19758	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	95212	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	62491	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	150571	5.00	ng	0.00
31) Chrysene-d12	21.76	240	237788	5.00	ng	0.00
40) Perylene-d12	24.16	264	173288	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.74	112	649	0.14	ng	0.02
5) Phenol-d6	7.37	99	873	0.13	ng	0.00
9) Nitrobenzene-d5	9.38	82	991	0.15	ng	0.00
16) 2,4,6-Tribromophenol	16.36	330	217	0.12	ng	0.02
17) 2-Fluorobiphenyl	13.49	172	3336	0.22	ng	0.00
34) Terphenyl-d14	20.22	244	5166	0.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	614	0.23	ng	96
3) n-Nitrosodimethylamine	3.85	42	438	0.14	ng	# 81
6) bis(2-Chloroethyl)ether	7.63	93	973	0.17	ng	99
7) n-Nitroso-di-n-propylamine	9.02	70	838	0.15	ng	# 99
10) Nitrobenzene	9.42	77	1022	0.15	ng	# 96
11) bis(2-Chloroethoxy)methane	10.47	93	1624	0.20	ng	# 14
12) Naphthalene	11.04	128	4545	0.21	ng	97
13) Hexachlorobutadiene	11.34	225	683	0.20	ng	99
14) 2-Methylnaphthalene	12.69	142	2706	0.19	ng	97
18) Acenaphthylene	14.56	152	17001	0.22	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	1498	0.11	ng	# 37
20) Acenaphthene	14.92	154	3428	0.20	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	4884	0.35	ng	# 85
22) Fluorene	15.90	166	3899	0.22	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	2009	0.22	ng	96
25) 4-Bromophenyl-phenylether	16.78	248	1200	0.18	ng	97
26) Hexachlorobenzene	16.90	284	1310	0.20	ng	97
27) Pentachlorophenol	17.28	266	151	0.06	ng	# 82
28) Phenanthrene	17.64	178	8052	0.21	ng	99
29) Anthracene	17.73	178	6561	0.18	ng	99
30) Fluoranthene	19.65	202	31496	0.19	ng	# 88
32) Benzidine	19.86	184	1088	0.07	ng	# 73
33) Pyrene	20.02	202	32066	0.19	ng	# 81
35) Benzo(a)anthracene	21.79	228	23237	0.58	ng	94
36) 3,3'-Dichlorobenzidine	21.70	252	1225	0.10	ng	# 97
37) Chrysene	21.79	228	23557	0.42	ng	95
38) Bis(2-ethylhexyl)phthalate	21.64	149	7042	0.15	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	35504	0.16	ng	98
41) Benzo(b)fluoranthene	23.42	252	8393	0.18	ng	97
42) Benzo(k)fluoranthene	23.48	252	9191	0.20	ng	98
43) Benzo(a)pyrene	24.06	252	8083	0.18	ng	96
44) Dibenzo(a,h)anthracene	26.72	278	6918	0.16	ng	96
45) Benzo(g,h,i)perylene	27.47	276	29770	0.17	ng	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 11:36:01 2016
Response via : Initial Calibration

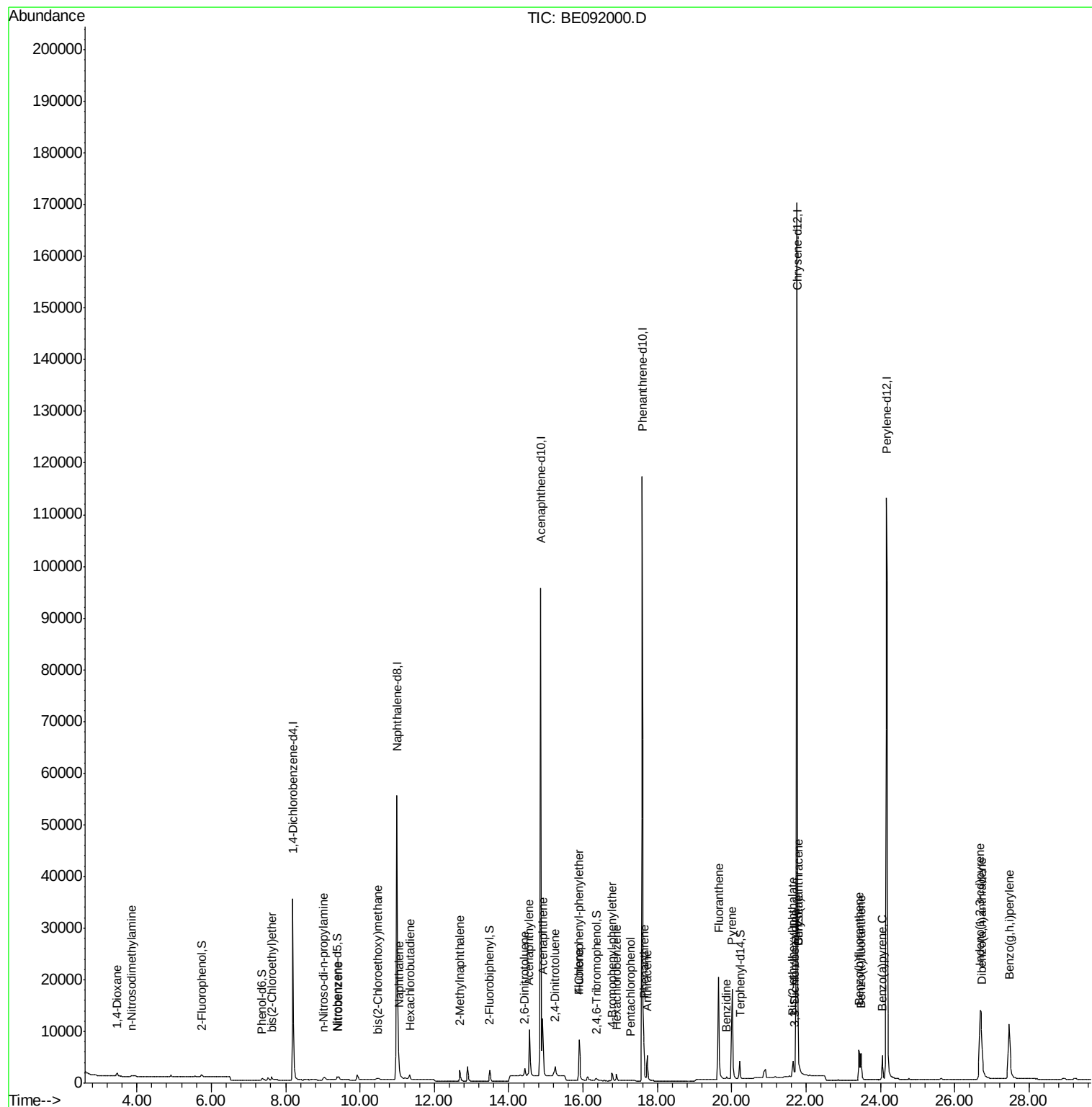
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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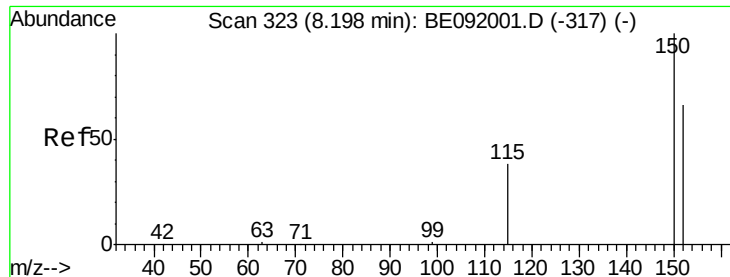
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

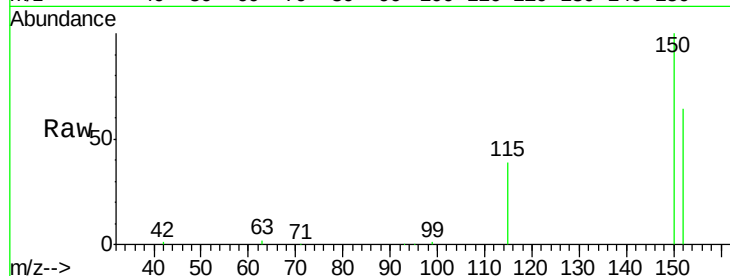
Tgt Ion:152 Resp: 19758

Ion Ratio Lower Upper

152 100

150 157.5 123.9 185.9

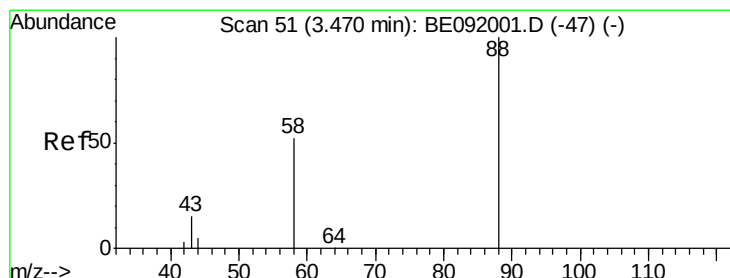
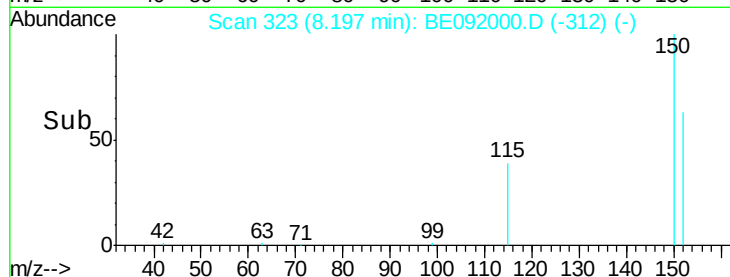
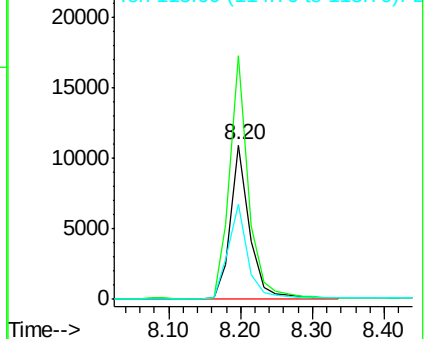
115 61.4 48.3 72.5



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: 0.23 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

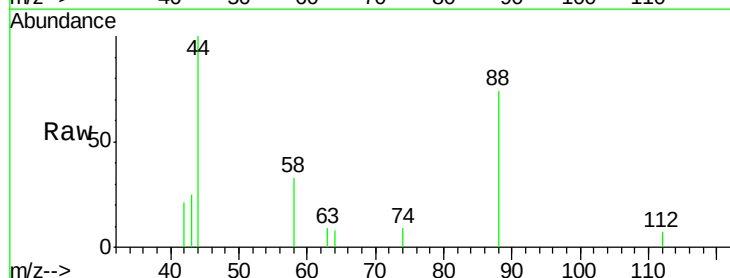
Tgt Ion: 88 Resp: 614

Ion Ratio Lower Upper

88 100

58 79.2 63.0 94.4

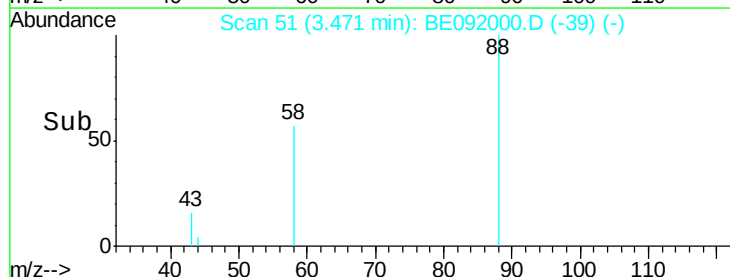
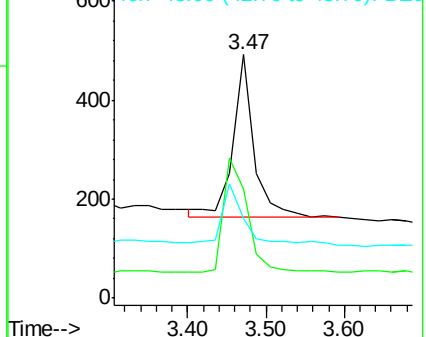
43 43.3 29.1 43.7

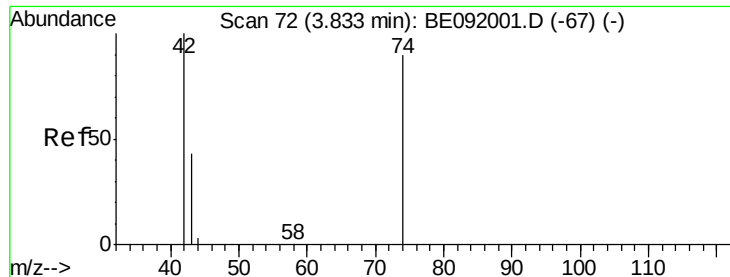


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.14 ng

RT: 3.85 min Scan# 73

Delta R.T. 0.02 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

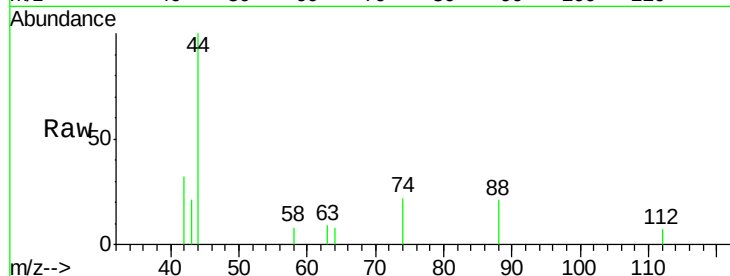
Tgt Ion: 42 Resp: 438

Ion Ratio Lower Upper

42 100

74 95.9 93.4 140.0

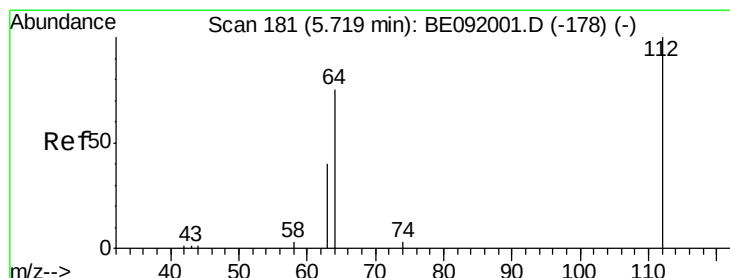
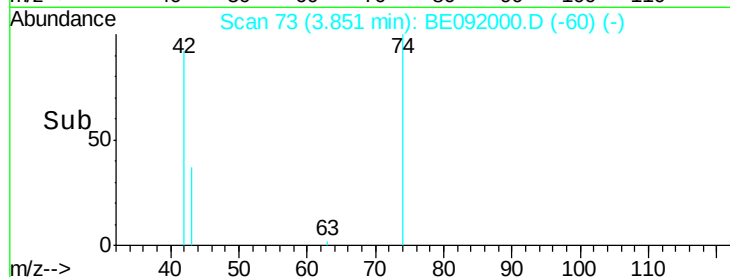
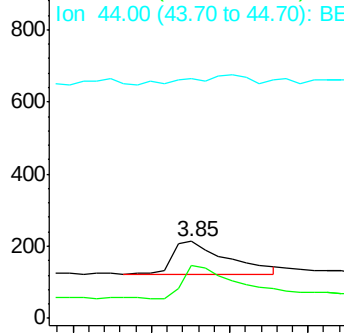
44 0.0 5.0 7.6#



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: 0.14 ng

RT: 5.74 min Scan# 182

Delta R.T. 0.02 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

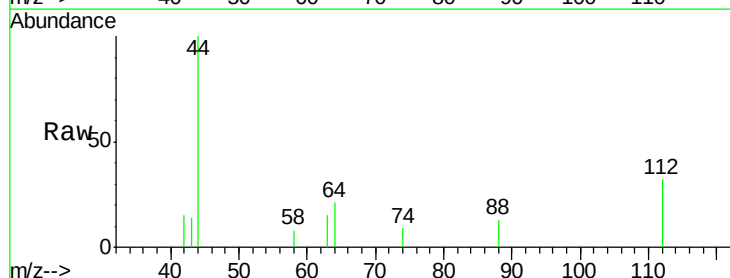
Tgt Ion: 112 Resp: 649

Ion Ratio Lower Upper

112 100

64 67.2 53.7 80.5

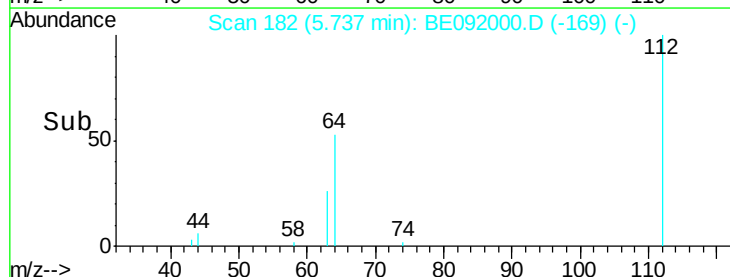
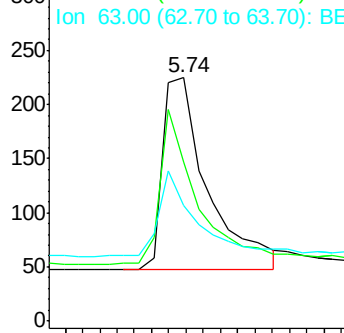
63 39.3 29.5 44.3

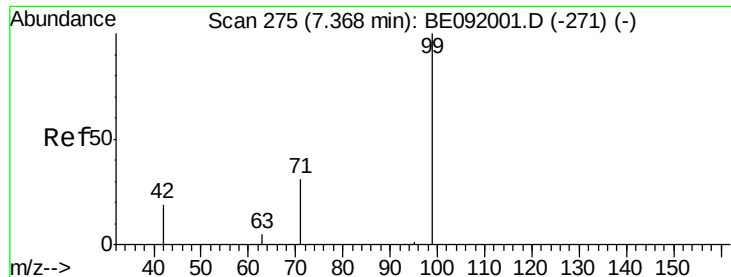


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.13 ng

RT: 7.37 min Scan# 275

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

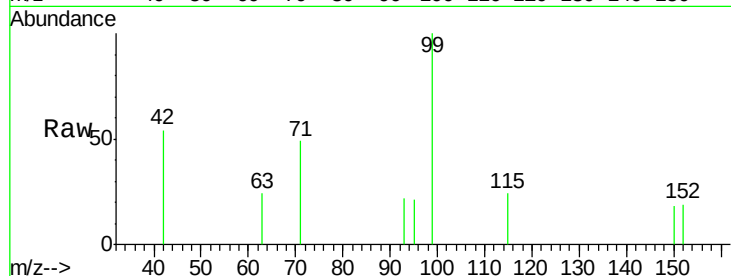
Tgt Ion: 99 Resp: 873

Ion Ratio Lower Upper

99 100

42 26.1 19.6 29.4

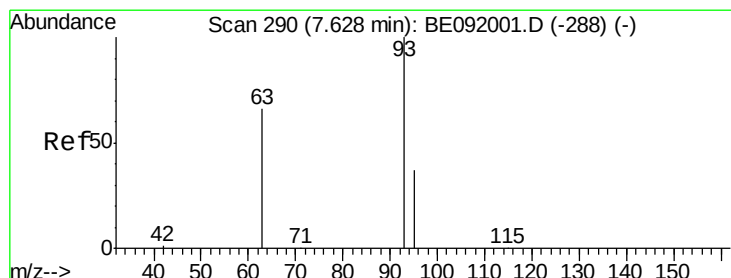
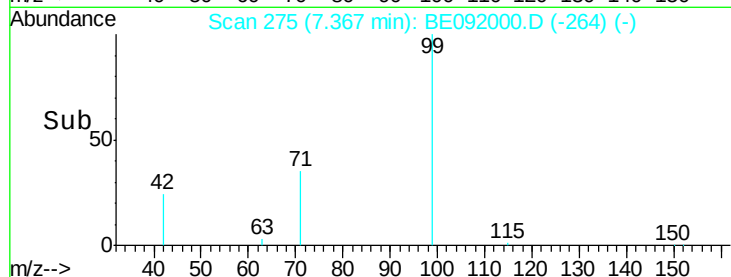
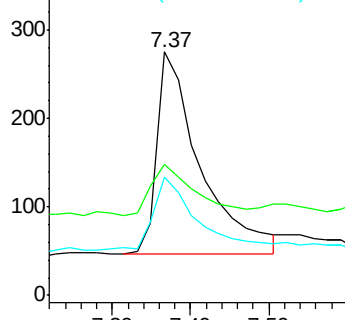
71 37.7 28.1 42.1



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: 0.17 ng

RT: 7.63 min Scan# 290

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

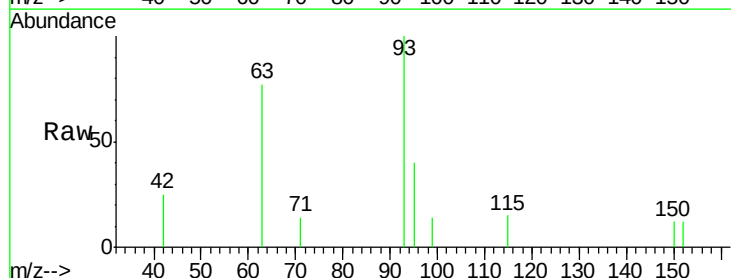
Tgt Ion: 93 Resp: 973

Ion Ratio Lower Upper

93 100

63 82.2 66.2 99.4

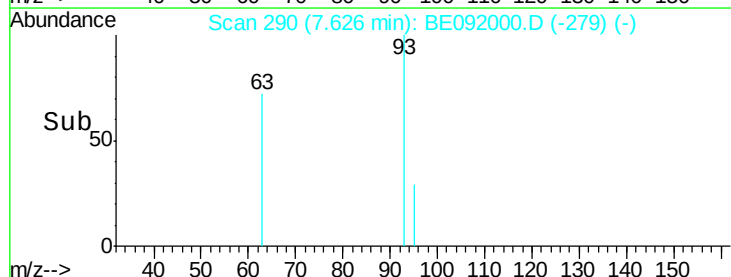
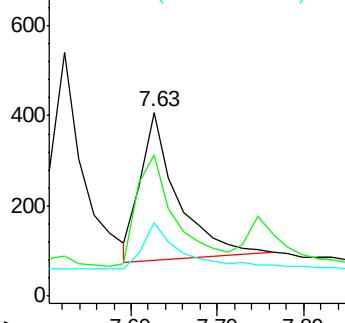
95 33.2 25.5 38.3

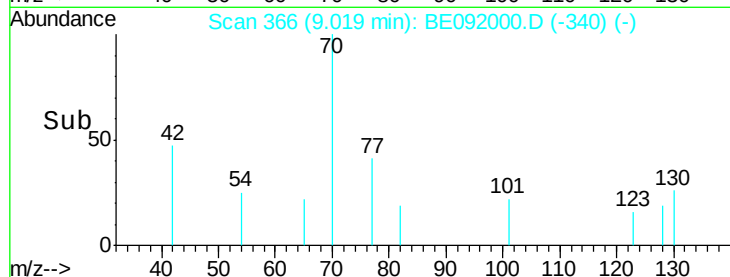
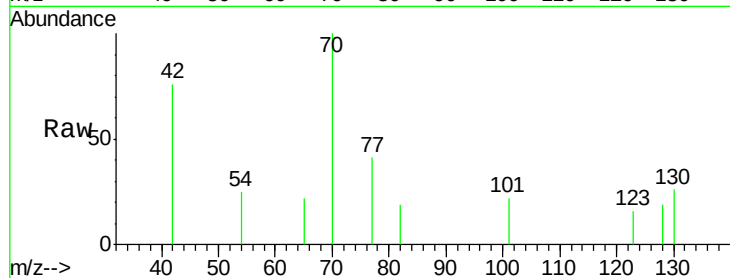
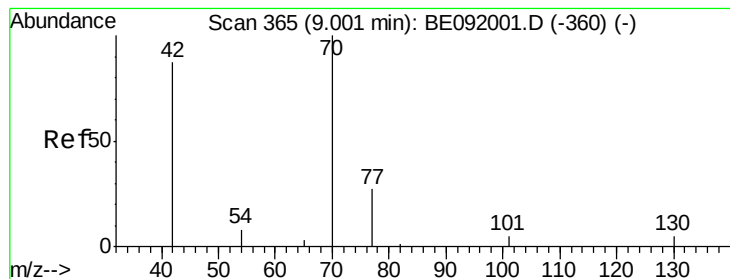


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.15 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.02 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion: 70 Resp: 838

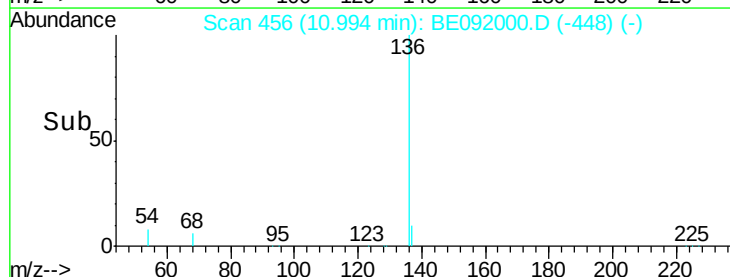
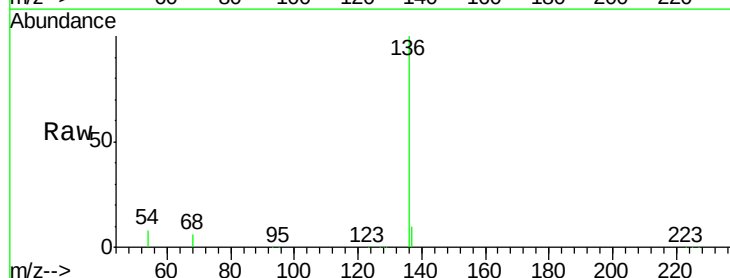
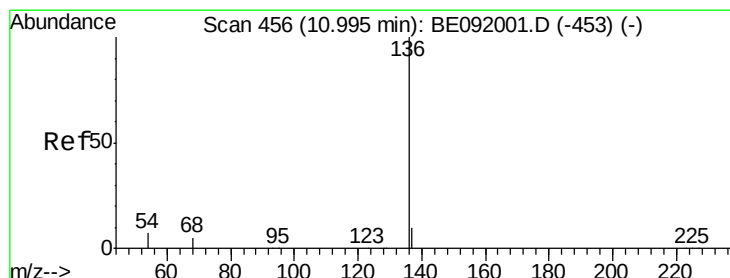
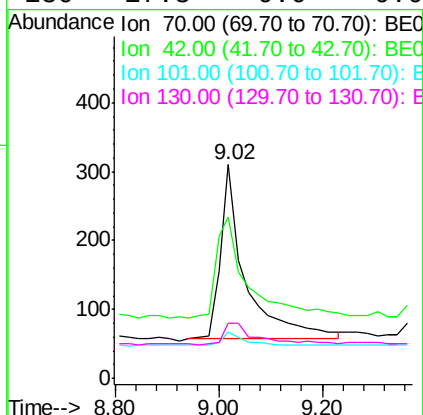
Ion Ratio Lower Upper

70 100

42 74.0 58.4 87.6

101 6.9 6.4 9.6

130 17.3 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Tgt Ion: 136 Resp: 95212

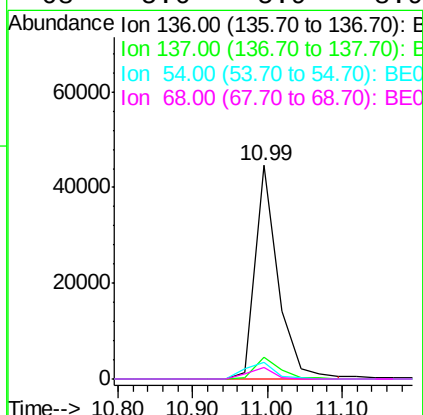
Ion Ratio Lower Upper

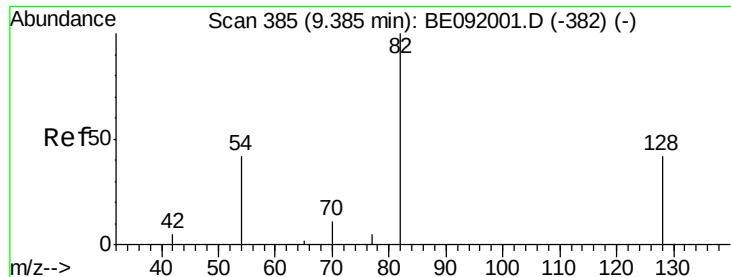
136 100

137 10.3 8.3 12.5

54 7.7 8.2 12.4#

68 5.6 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 0.15 ng

RT: 9.38 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

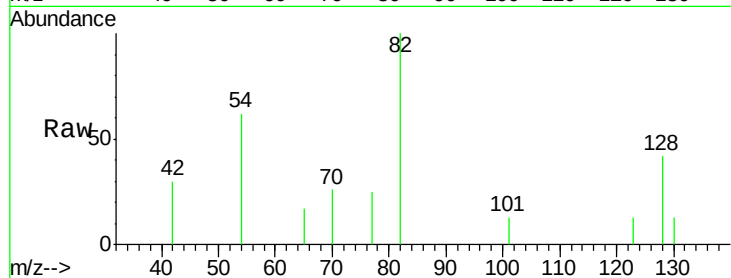
Tgt Ion: 82 Resp: 991

Ion Ratio Lower Upper

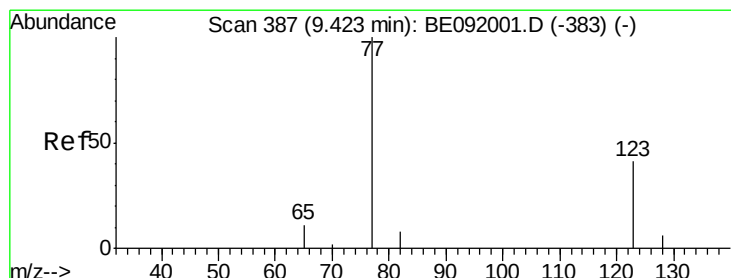
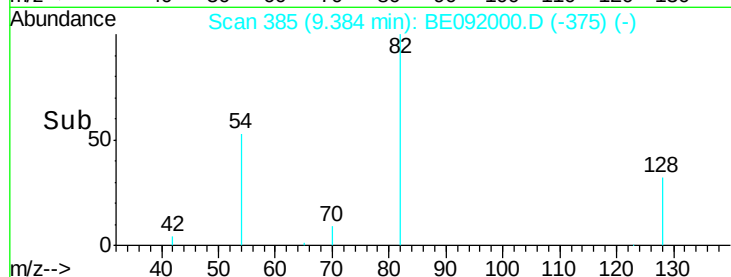
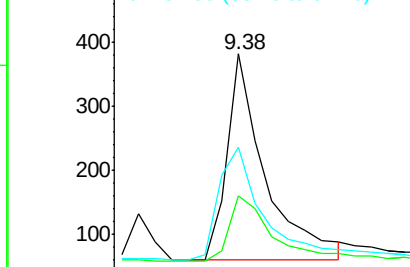
82 100

128 41.7 39.5 59.3

54 61.9 30.3 45.5#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 0.15 ng

RT: 9.42 min Scan# 387

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

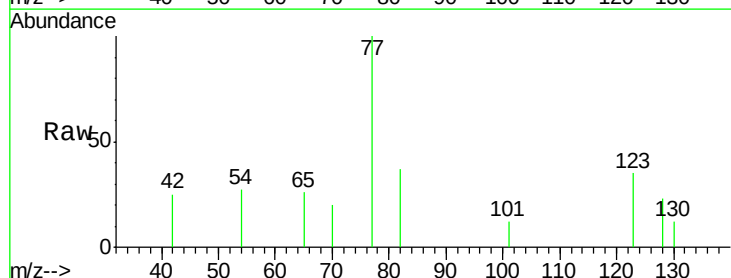
Tgt Ion: 77 Resp: 1022

Ion Ratio Lower Upper

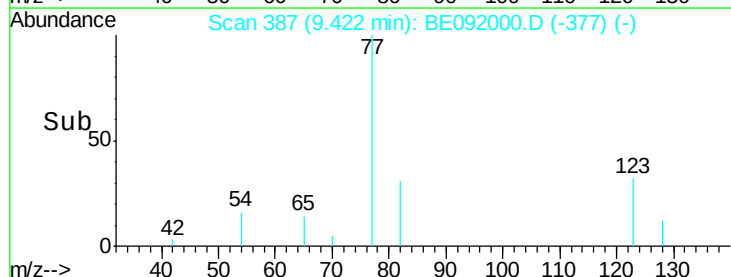
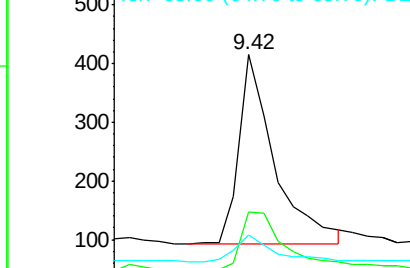
77 100

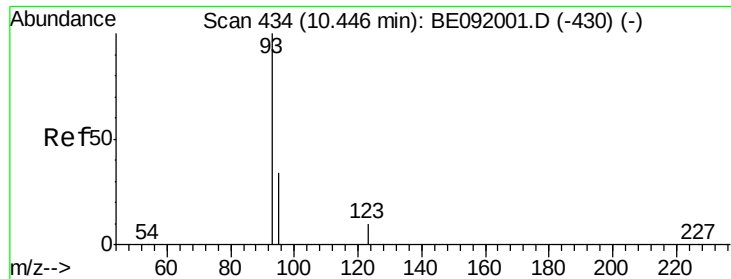
123 40.0 0.0 0.0#

65 15.5 11.1 16.7



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

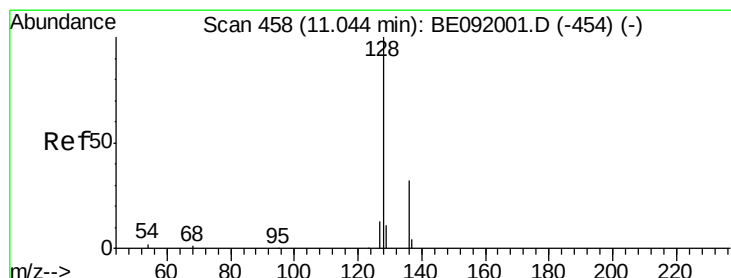
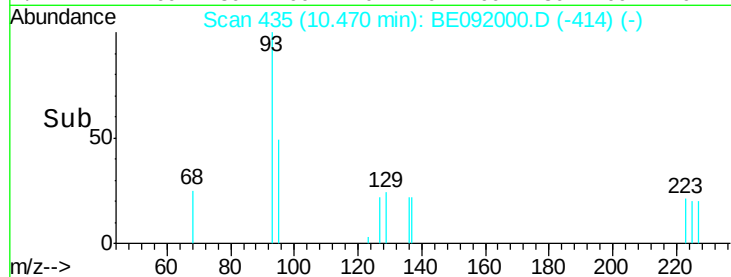
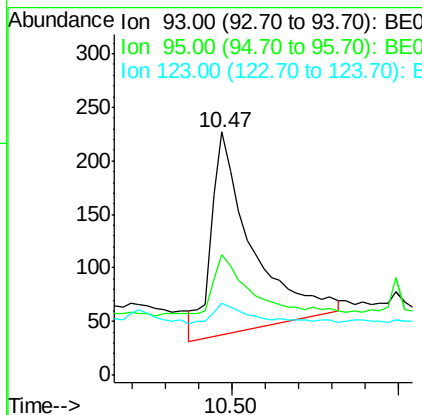
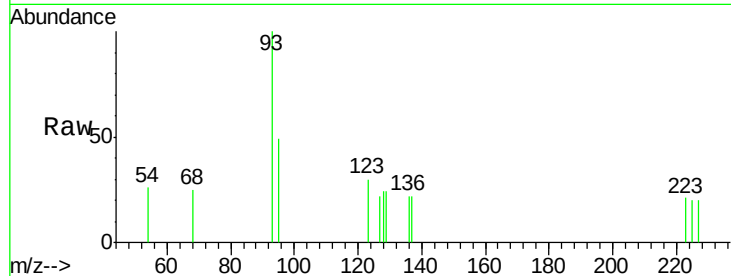




#11
bis(2-Chloroethoxy)methane
Concen: 0.20 ng
RT: 10.47 min Scan# 435
Delta R.T. 0.02 min
Lab File: BE092000.D
Acq: 22 Jul 2016 10:19

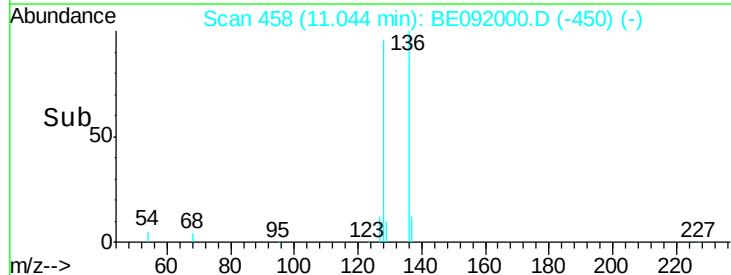
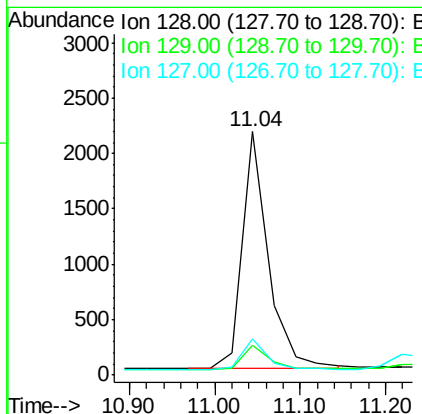
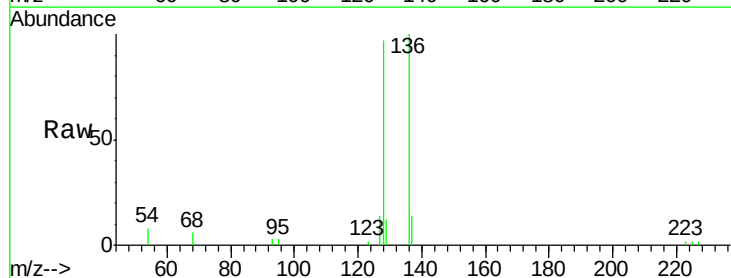
Instrument :
BNA_E
ClientSampled :
SSTDIC0.2

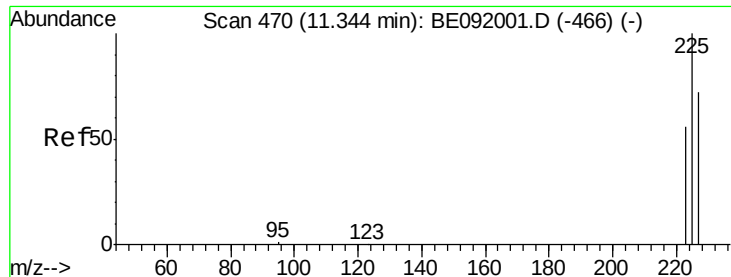
Tgt Ion: 93 Resp: 1624
Ion Ratio Lower Upper
93 100
95 24.0 57.6 86.4#
123 7.8 100.2 150.4#



#12
Naphthalene
Concen: 0.21 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092000.D
Acq: 22 Jul 2016 10:19

Tgt Ion: 128 Resp: 4545
Ion Ratio Lower Upper
128 100
129 12.5 10.4 15.6
127 14.9 10.2 15.2

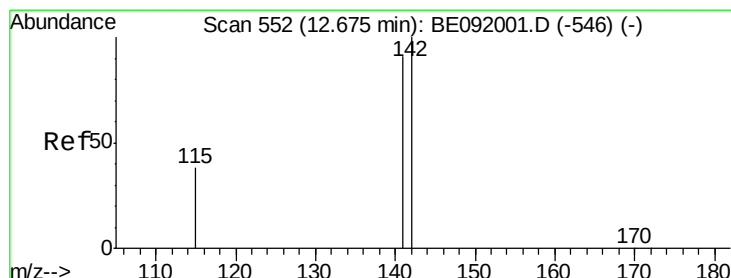
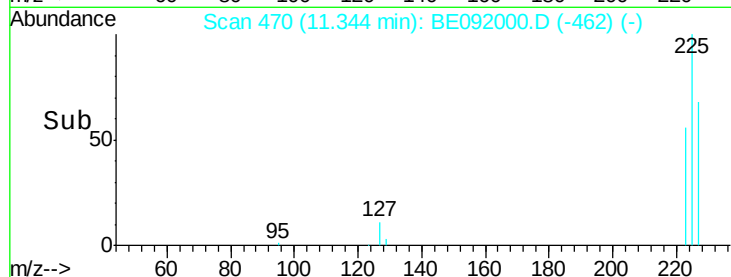
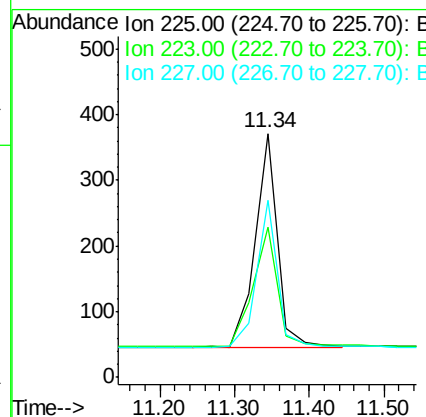
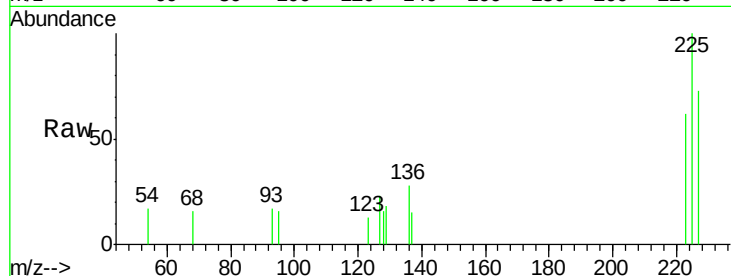




#13
Hexachlorobutadiene
Concen: 0.20 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE092000.D
Acq: 22 Jul 2016 10:19

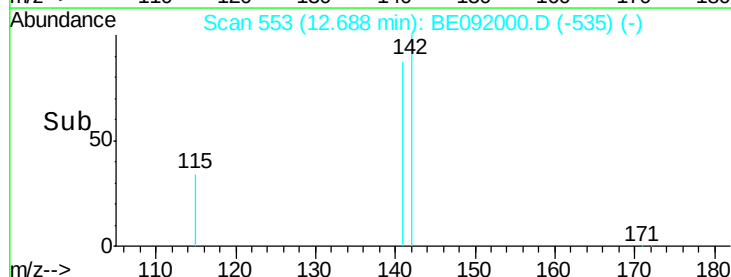
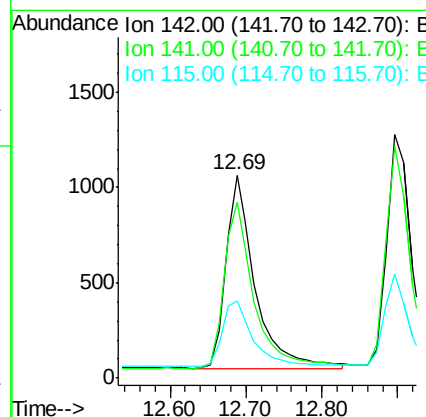
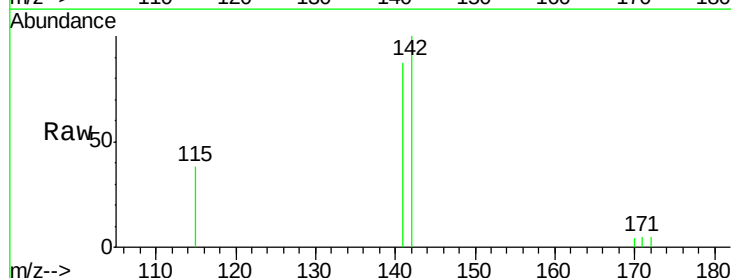
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

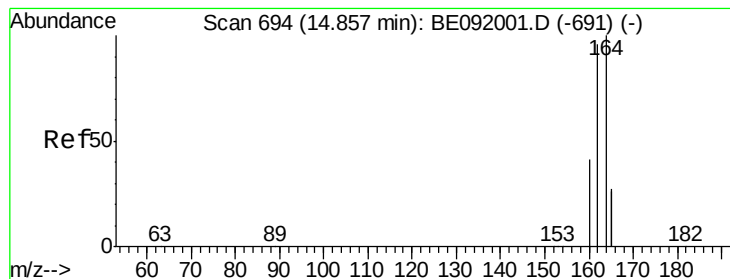
Tgt Ion: 225 Resp: 683
Ion Ratio Lower Upper
225 100
223 60.3 49.8 74.8
227 63.1 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.69 min Scan# 553
Delta R.T. 0.01 min
Lab File: BE092000.D
Acq: 22 Jul 2016 10:19

Tgt Ion: 142 Resp: 2706
Ion Ratio Lower Upper
142 100
141 86.9 71.9 107.9
115 38.0 29.9 44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

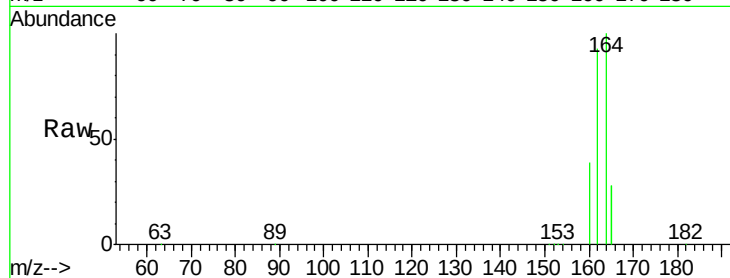
Tgt Ion:164 Resp: 62491

Ion Ratio Lower Upper

164 100

162 93.4 71.8 107.8

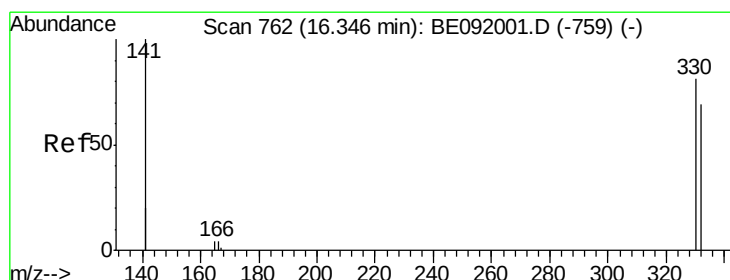
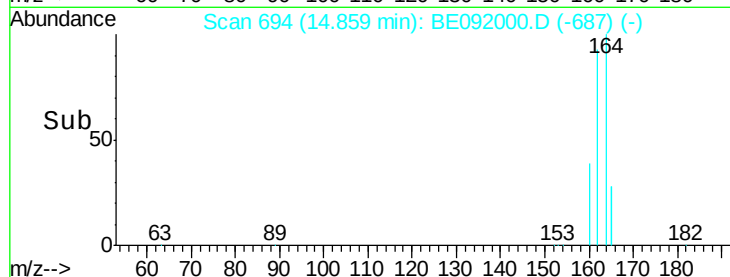
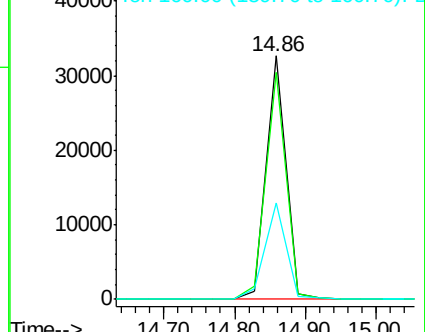
160 39.4 28.0 42.0



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



#16

2,4,6-Tribromophenol

Concen: 0.12 ng

RT: 16.36 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

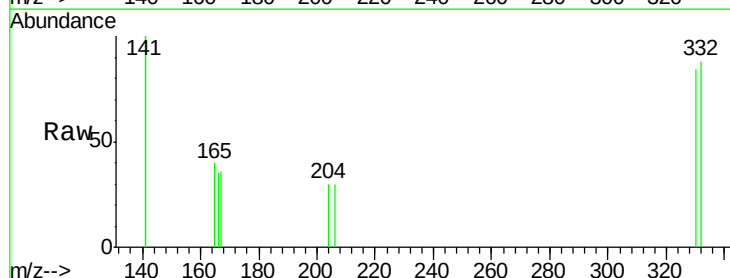
Tgt Ion:330 Resp: 217

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

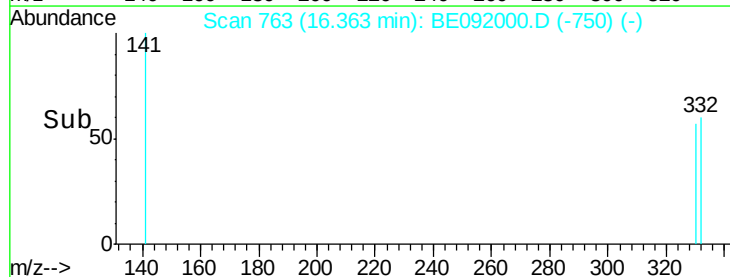
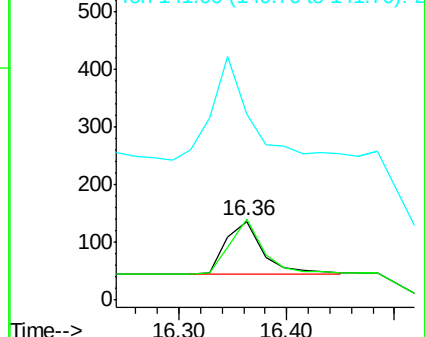
141 210.6 138.4 207.6#

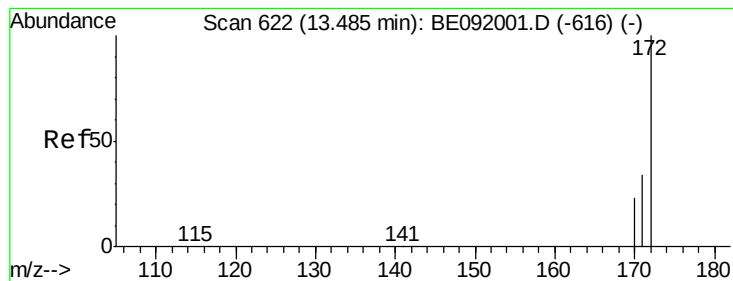


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

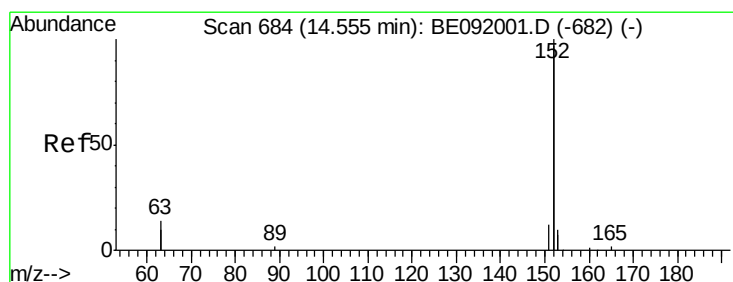
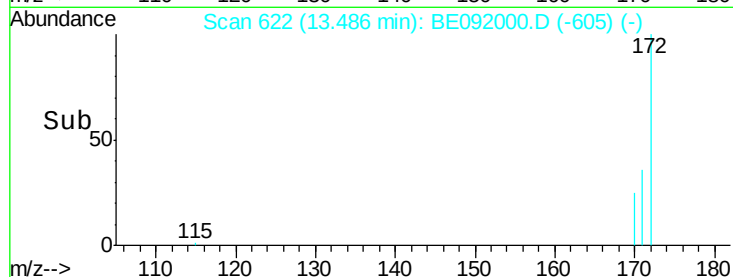
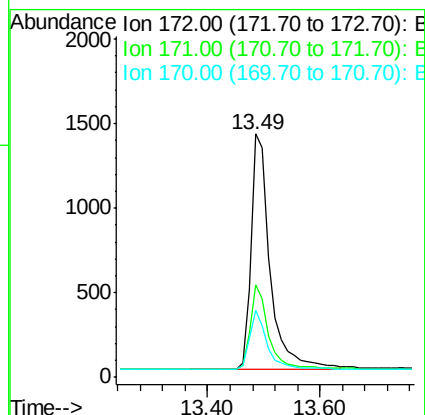
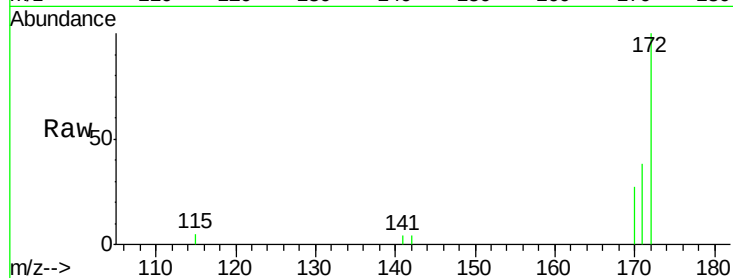




#17
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE092000.D
Acq: 22 Jul 2016 10:19

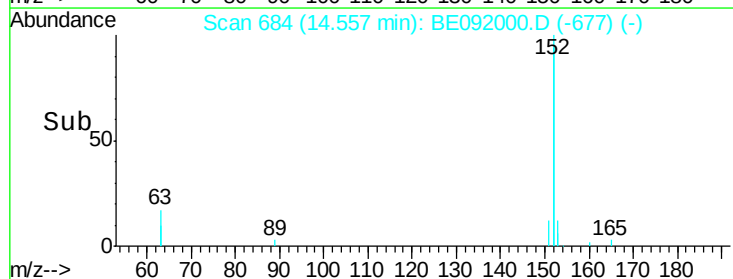
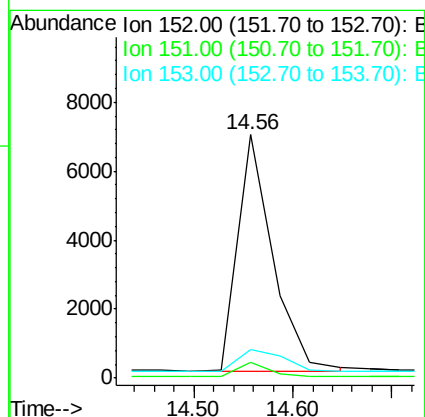
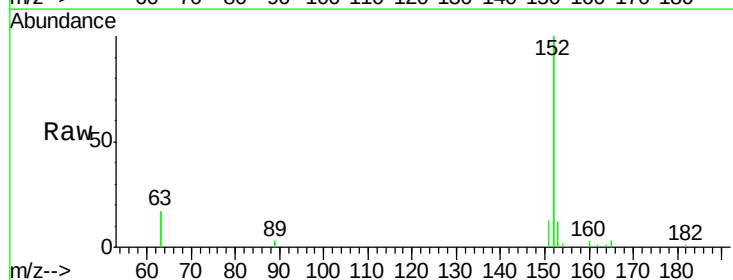
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

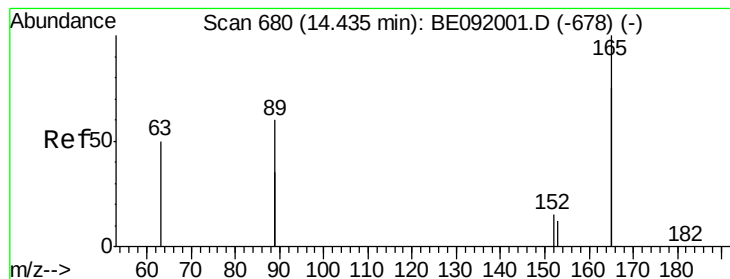
Tgt Ion:172 Resp: 3336
Ion Ratio Lower Upper
172 100
171 38.2 24.3 36.5#
170 27.3 14.9 22.3#



#18
Acenaphthylene
Concen: 0.22 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092000.D
Acq: 22 Jul 2016 10:19

Tgt Ion:152 Resp: 17001
Ion Ratio Lower Upper
152 100
151 5.6 19.4 29.2#
153 11.7 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 0.11 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

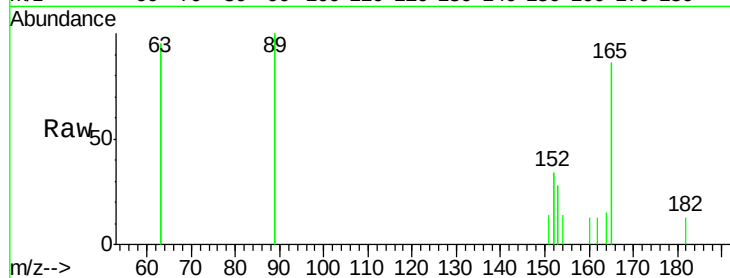
Tgt Ion:165 Resp: 1498

Ion Ratio Lower Upper

165 100

63 165.0 65.9 98.9#

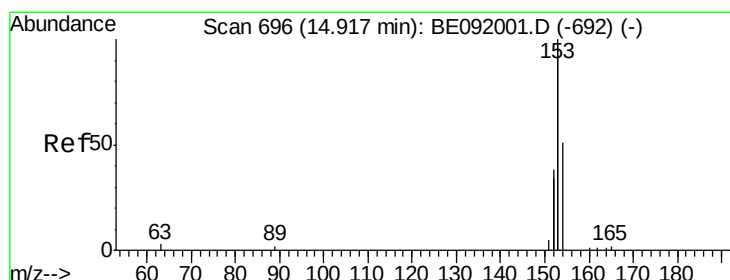
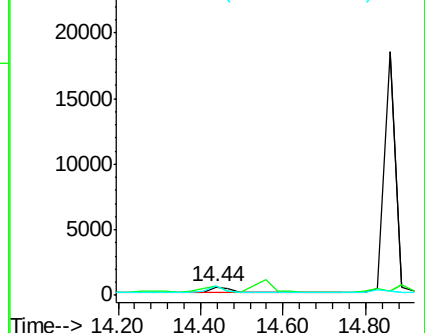
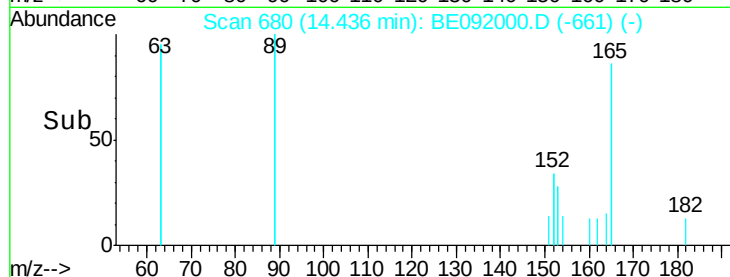
89 99.1 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



#20

Acenaphthene

Concen: 0.20 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

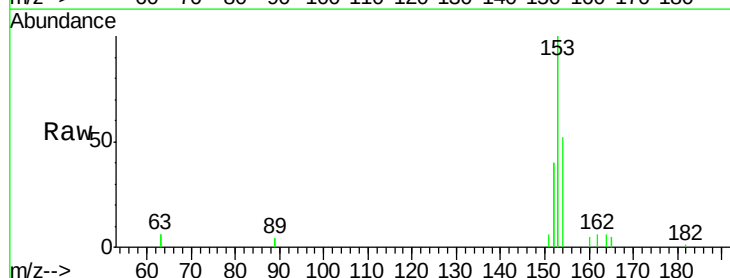
Tgt Ion:154 Resp: 3428

Ion Ratio Lower Upper

154 100

153 392.7 88.1 132.1#

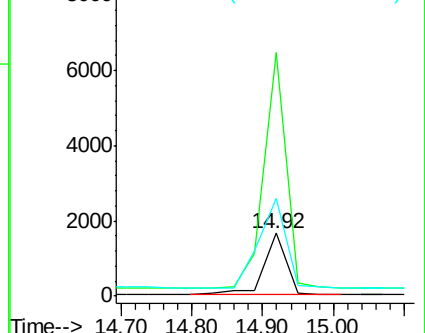
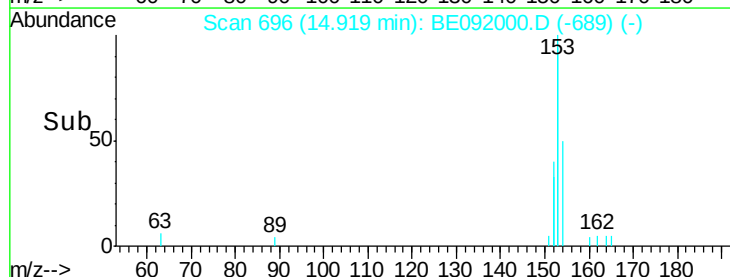
152 183.2 44.2 66.2#

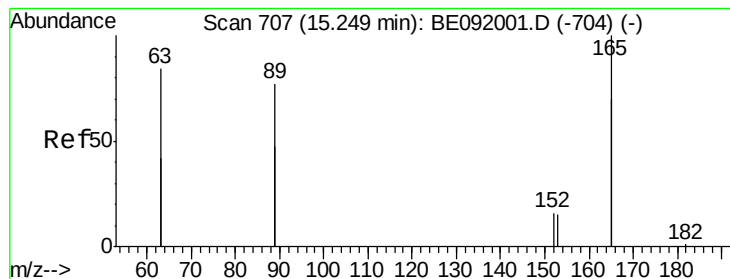


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#21

2,4-Dinitrotoluene

Concen: 0.35 ng

RT: 15.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

Tgt Ion:165 Resp: 4884

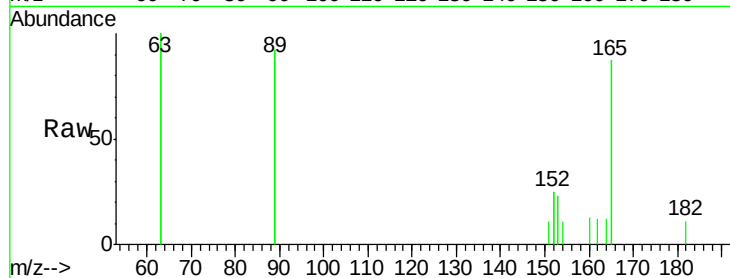
Ion Ratio Lower Upper

165 100

63 161.7 0.0 0.0#

89 142.3 99.8 149.8

182 0.0 0.0 0.0

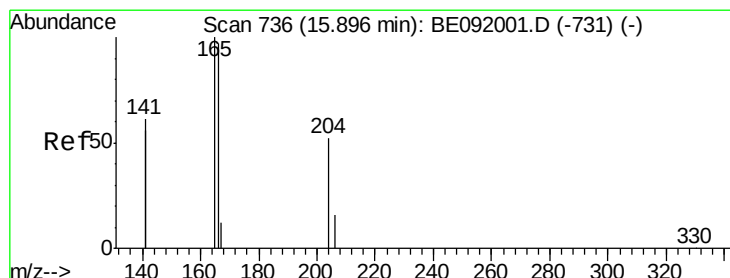
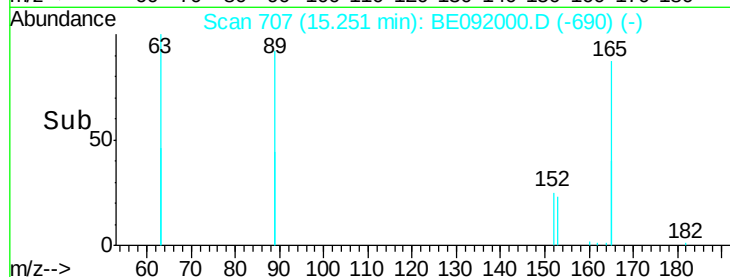
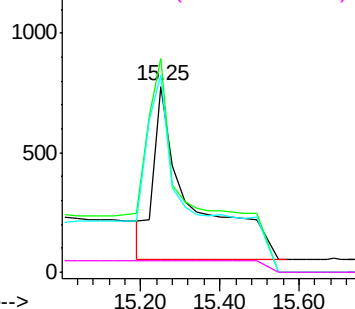


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E



#22

Fluorene

Concen: 0.22 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

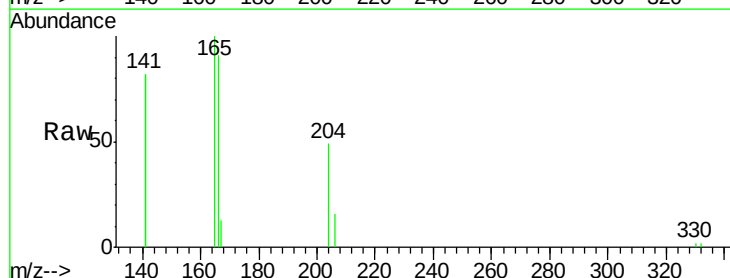
Tgt Ion:166 Resp: 3899

Ion Ratio Lower Upper

166 100

165 96.9 78.6 117.8

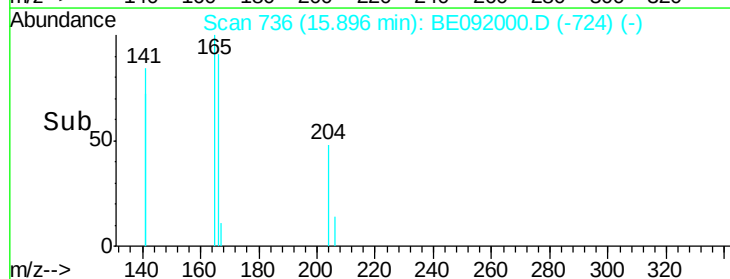
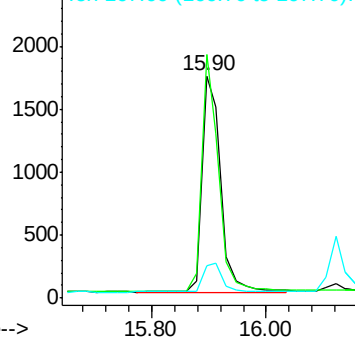
167 14.0 10.8 16.2

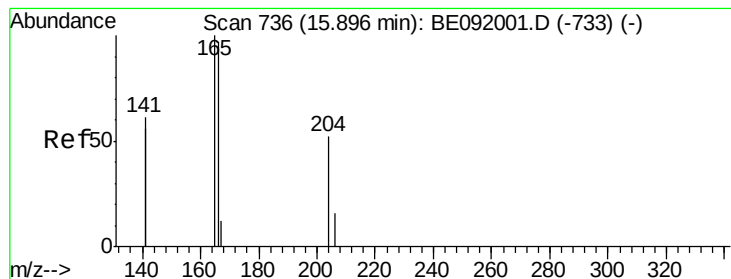


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#23

4-Chlorophenyl-phenylether

Concen: 0.22 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

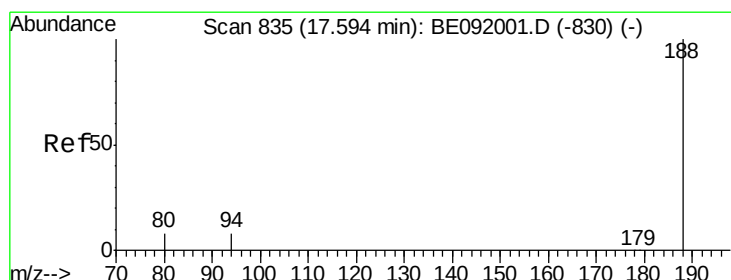
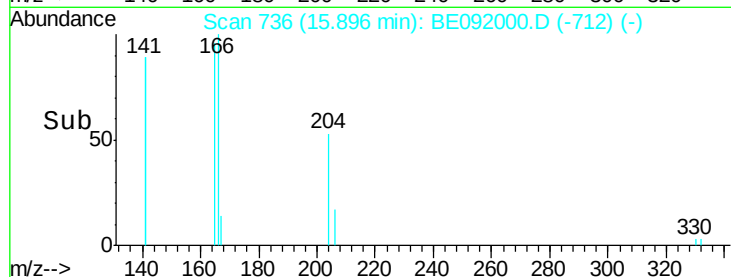
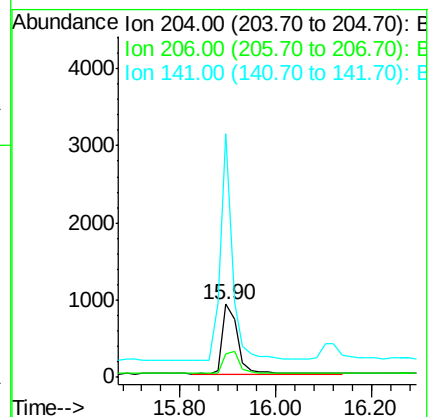
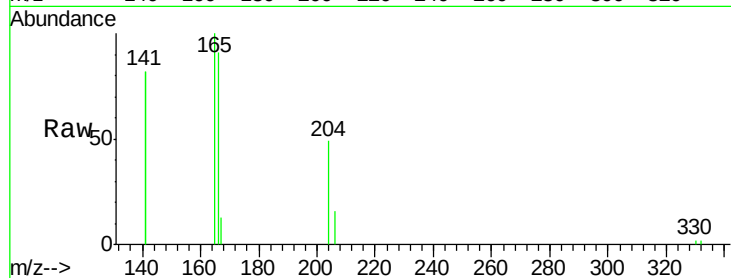
Tgt Ion:204 Resp: 2009

Ion Ratio Lower Upper

204 100

206 33.8 27.8 41.6

141 255.3 197.6 296.4



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.59 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

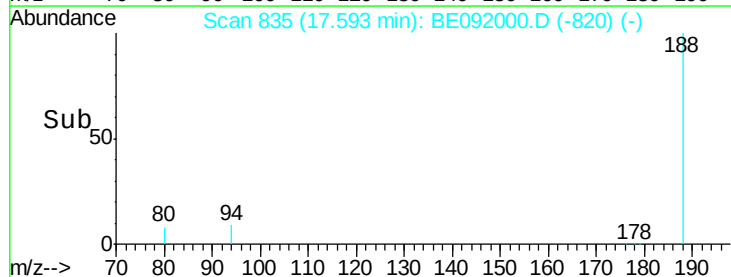
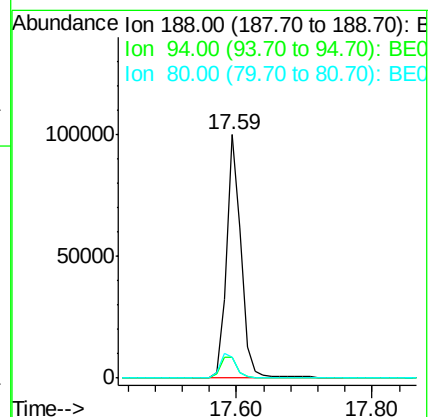
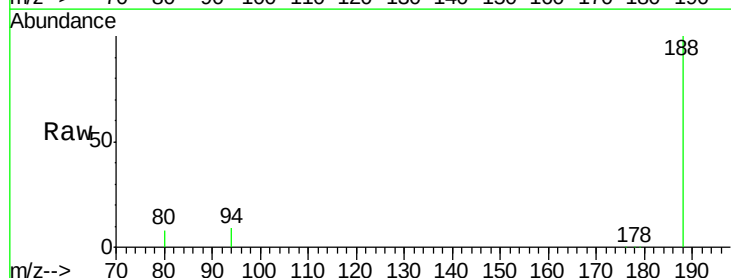
Tgt Ion:188 Resp: 150571

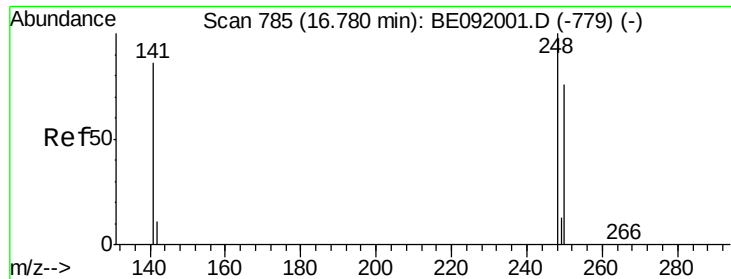
Ion Ratio Lower Upper

188 100

94 8.8 4.1 6.1#

80 8.4 3.4 5.2#

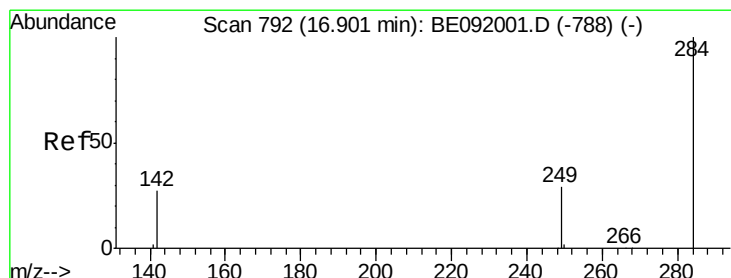
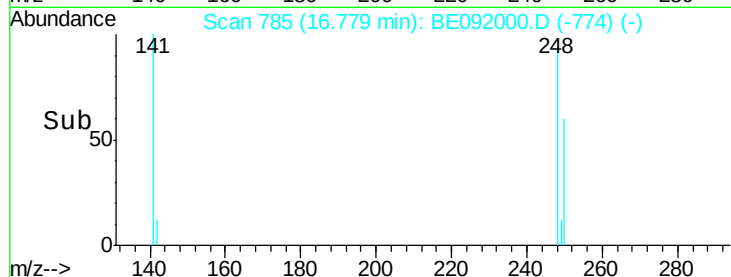
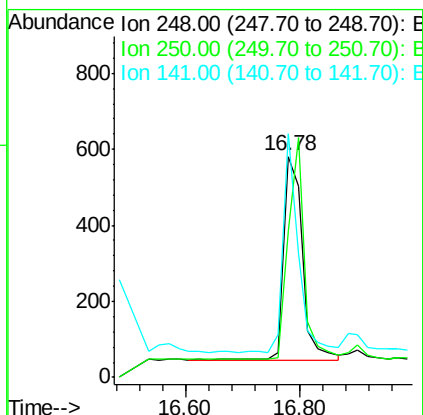
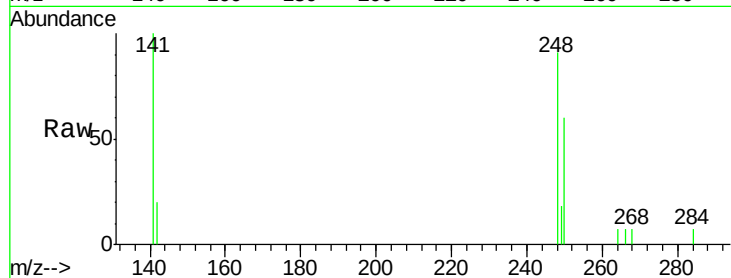




#25
4-Bromophenyl-phenylether
Concen: 0.18 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092000.D
Acq: 22 Jul 2016 10:19

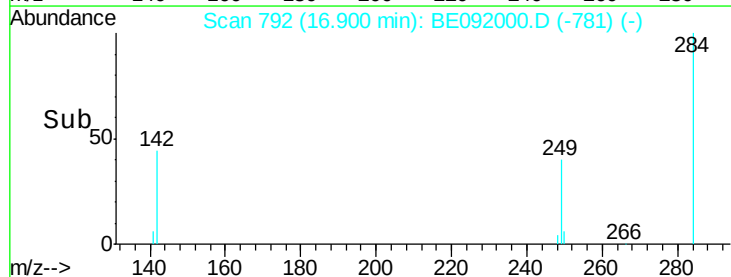
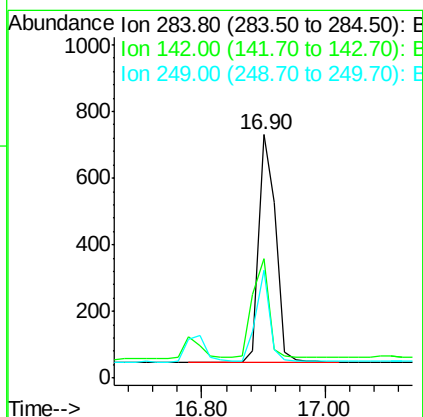
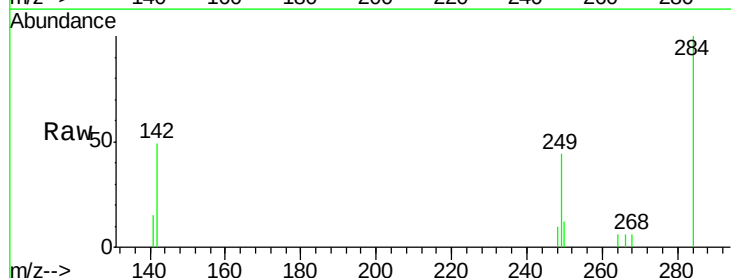
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

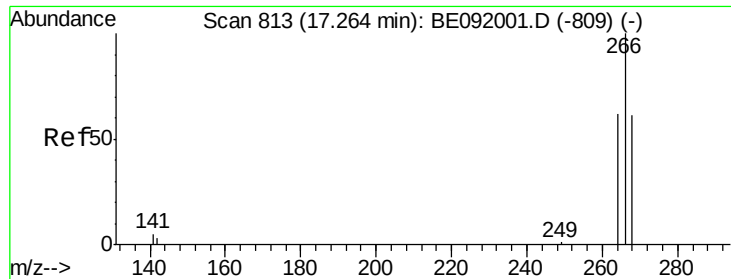
Tgt Ion:248 Resp: 1200
Ion Ratio Lower Upper
248 100
250 95.0 75.7 113.5
141 85.3 64.6 97.0



#26
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092000.D
Acq: 22 Jul 2016 10:19

Tgt Ion:284 Resp: 1310
Ion Ratio Lower Upper
284 100
142 42.0 31.4 47.2
249 32.1 25.3 37.9





#27

Pentachlorophenol

Concen: 0.06 ng

RT: 17.28 min Scan# 814

Delta R.T. 0.02 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

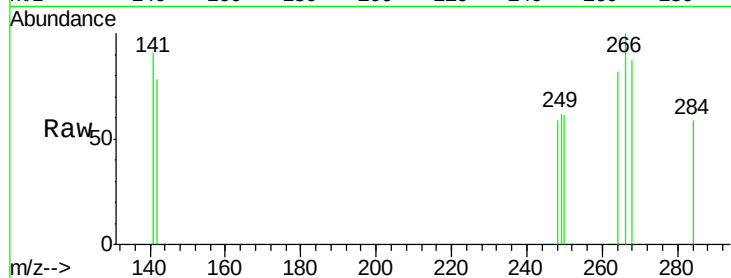
Tgt Ion:266 Resp: 151

Ion Ratio Lower Upper

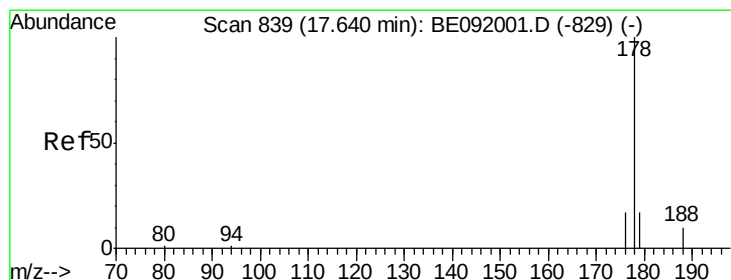
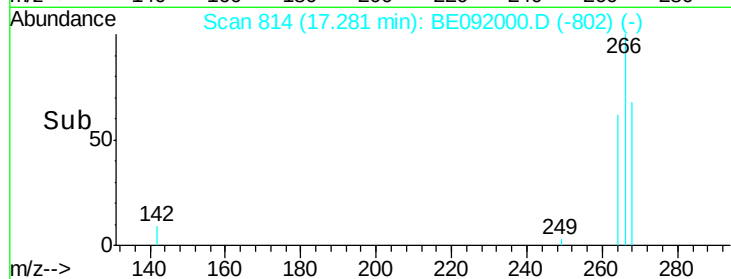
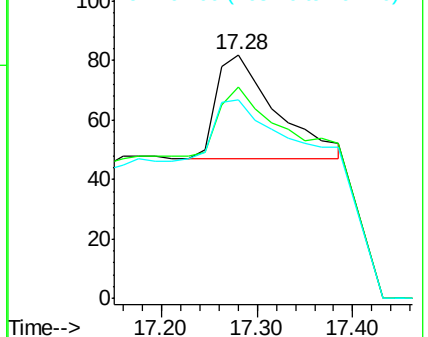
266 100

268 86.6 60.5 90.7

264 81.7 51.0 76.4#



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



#28

Phenanthrene

Concen: 0.21 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

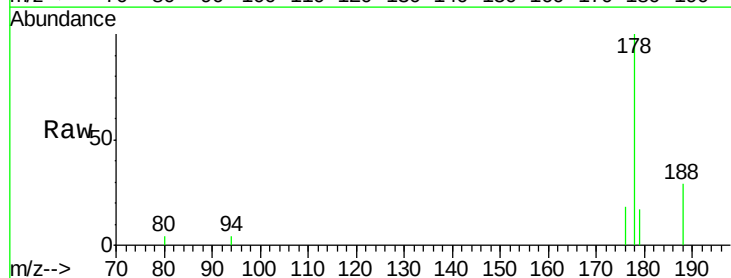
Tgt Ion:178 Resp: 8052

Ion Ratio Lower Upper

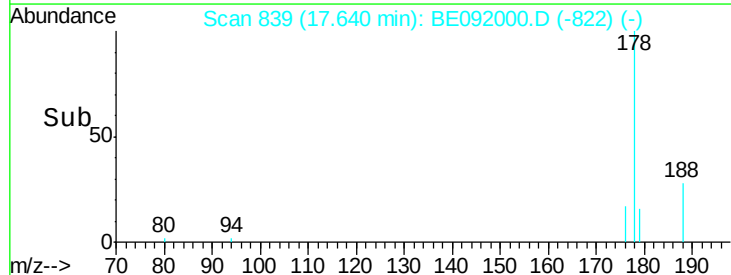
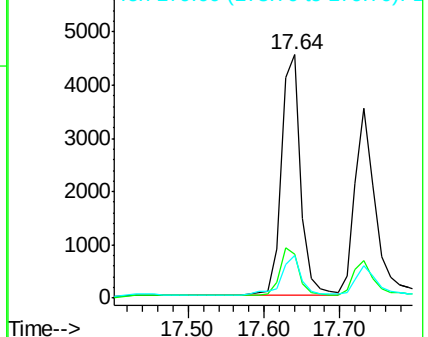
178 100

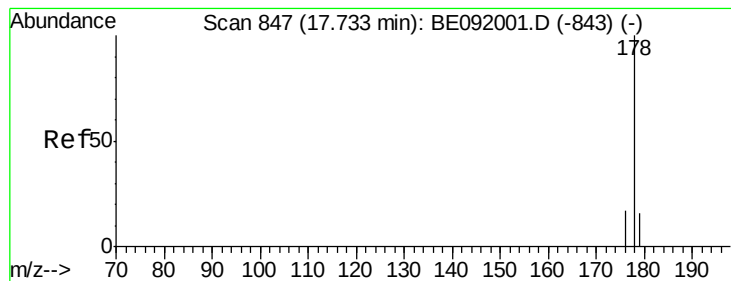
176 19.5 15.4 23.2

179 16.9 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 0.18 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

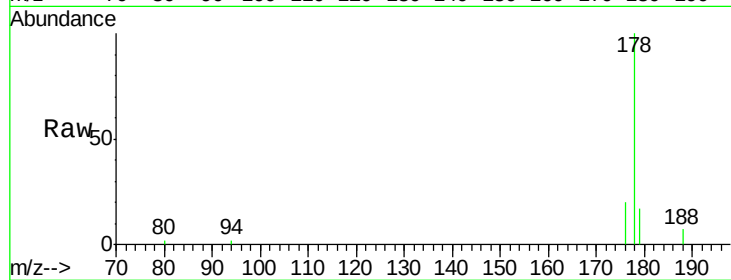
Tgt Ion:178 Resp: 6561

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

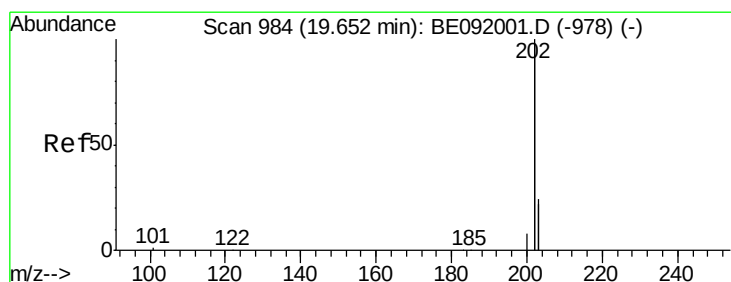
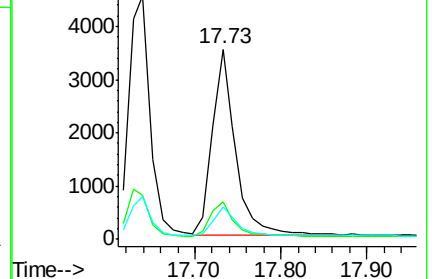
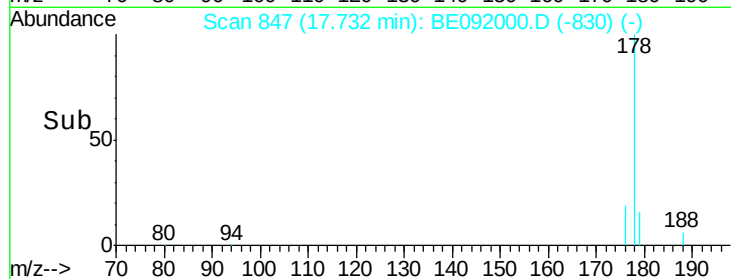
179 15.6 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#30

Fluoranthene

Concen: 0.19 ng

RT: 19.65 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

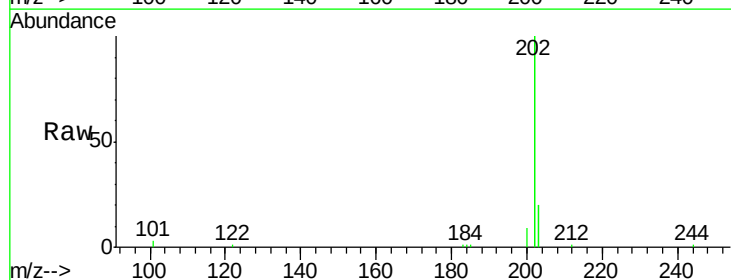
Tgt Ion:202 Resp: 31496

Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

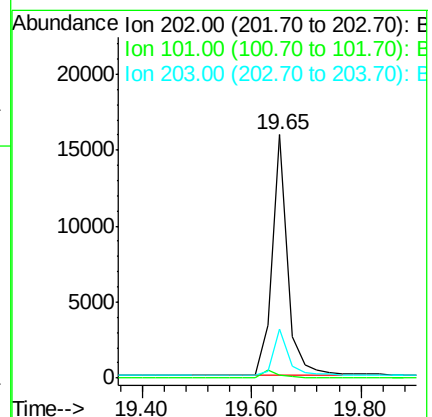
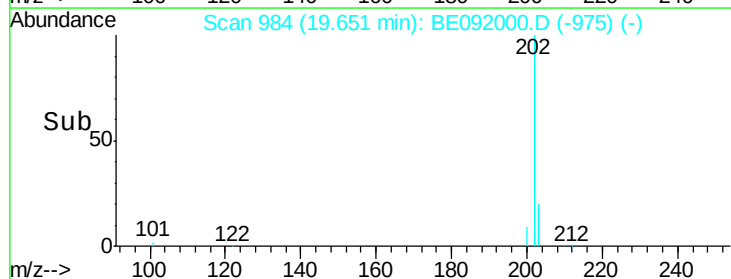
203 18.1 14.3 21.5

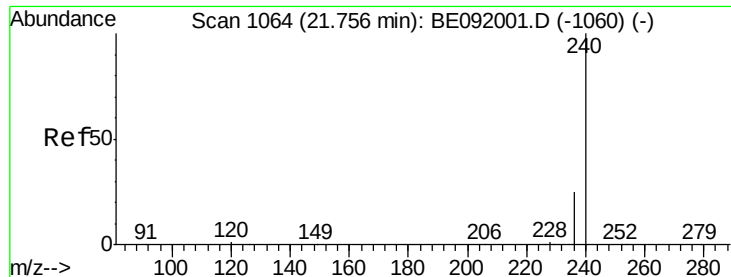


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

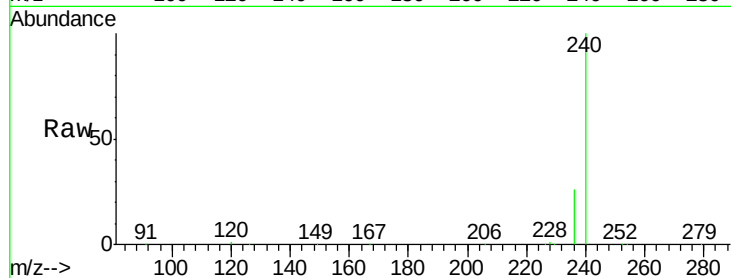
Tgt Ion:240 Resp: 237788

Ion Ratio Lower Upper

240 100

120 1.3 1.2 1.8

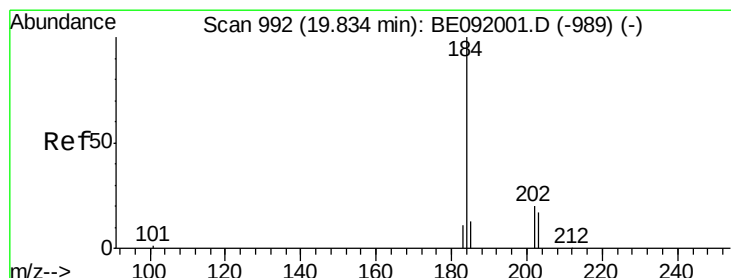
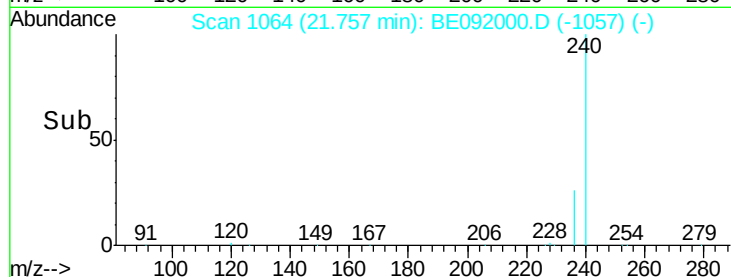
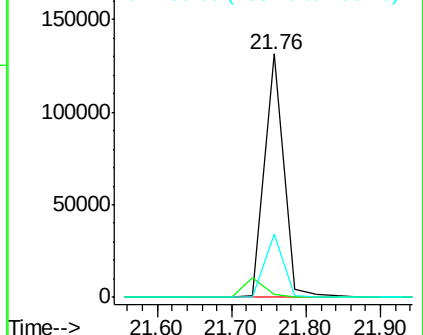
236 25.8 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#32

Benzidine

Concen: 0.07 ng

RT: 19.86 min Scan# 993

Delta R.T. 0.02 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

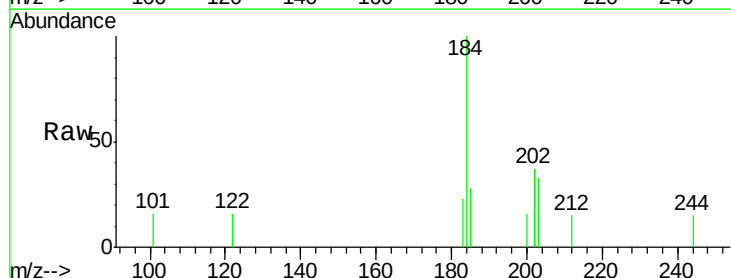
Tgt Ion:184 Resp: 1088

Ion Ratio Lower Upper

184 100

185 27.5 11.4 17.2#

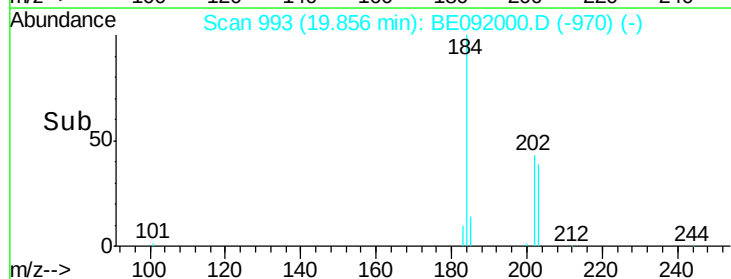
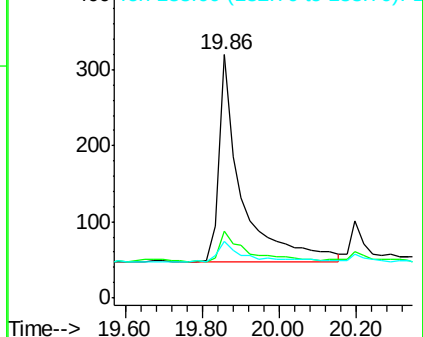
183 23.4 11.8 17.6#

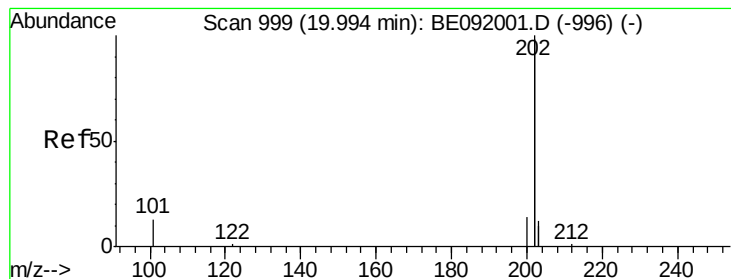


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 0.19 ng

RT: 20.02 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

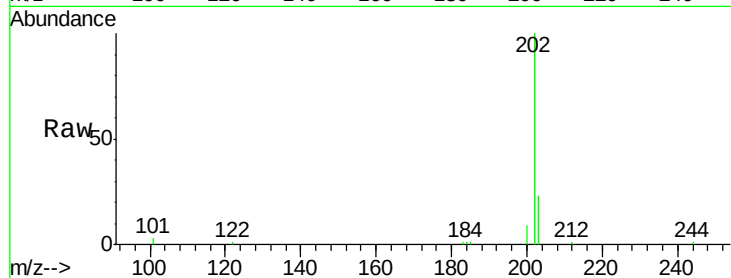
Tgt Ion: 202 Resp: 32066

Ion Ratio Lower Upper

202 100

200 5.3 16.9 25.3#

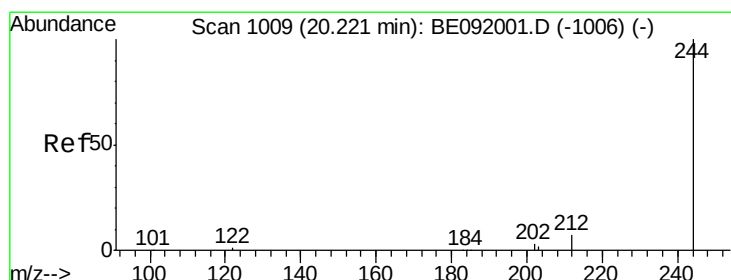
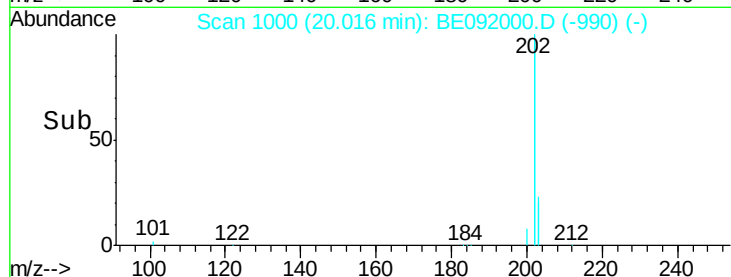
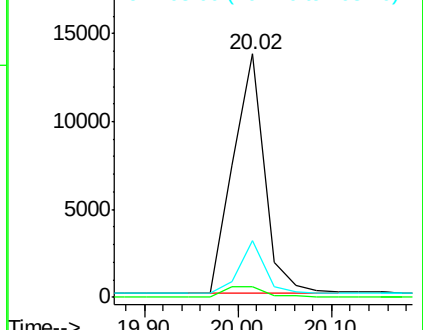
203 18.2 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 0.18 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

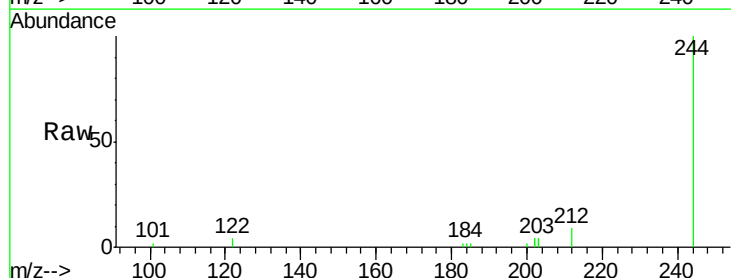
Tgt Ion: 244 Resp: 5166

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

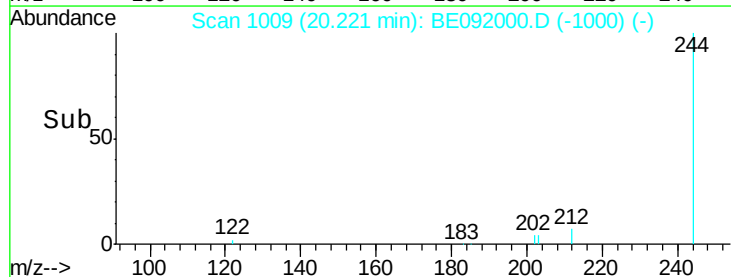
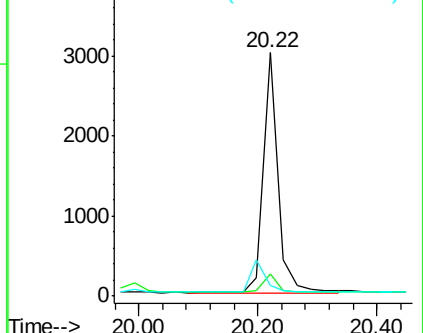
122 4.2 2.9 4.3

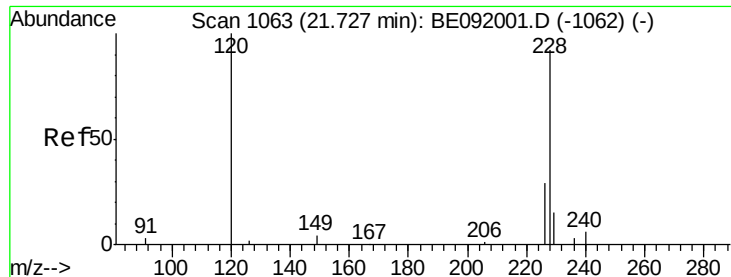


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.58 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

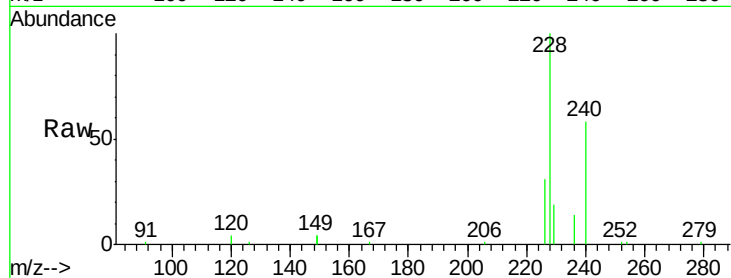
Tgt Ion:228 Resp: 23237

Ion Ratio Lower Upper

228 100

226 31.1 21.0 31.4

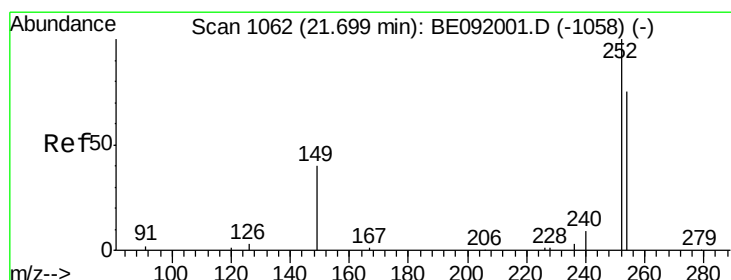
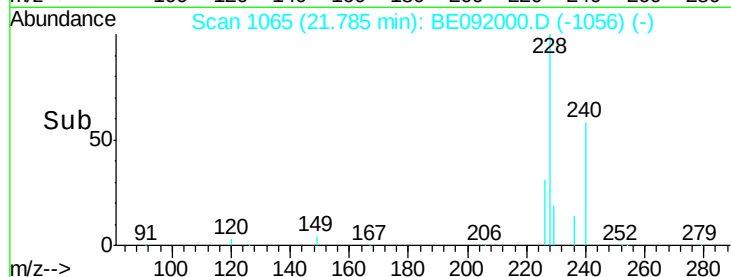
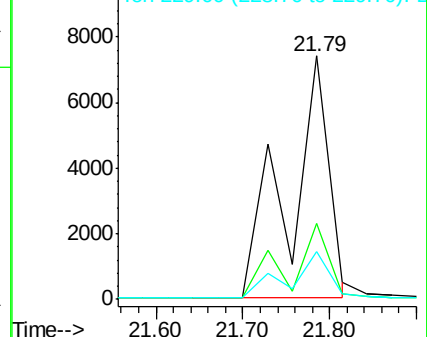
229 19.5 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#36

3,3'-Dichlorobenzidine

Concen: 0.10 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

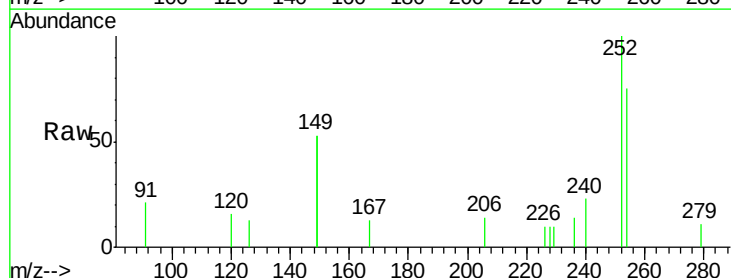
Tgt Ion:252 Resp: 1225

Ion Ratio Lower Upper

252 100

254 75.1 61.5 92.3

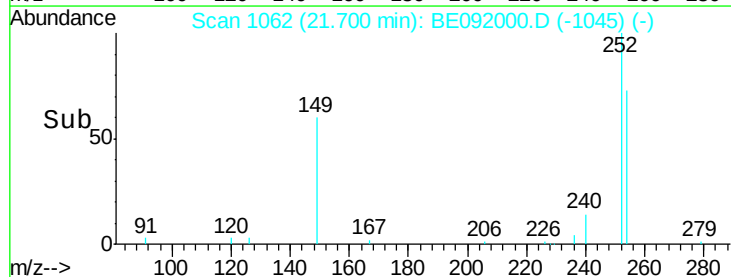
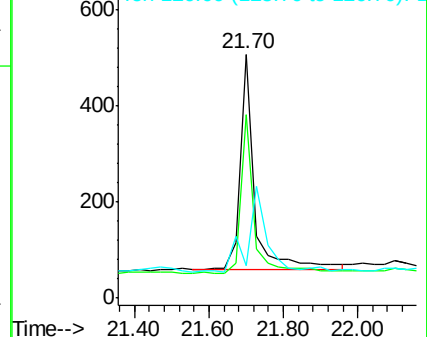
126 13.4 2.5 3.7#

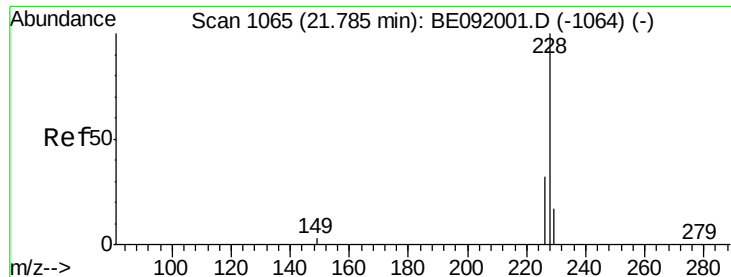


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.42 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

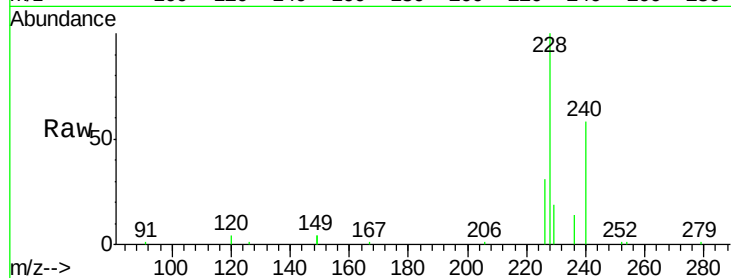
Tgt Ion:228 Resp: 23557

Ion Ratio Lower Upper

228 100

226 31.1 27.0 40.6

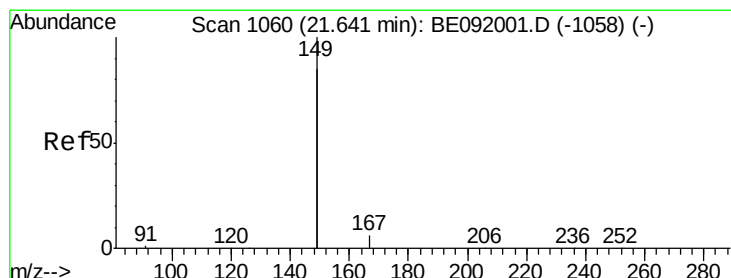
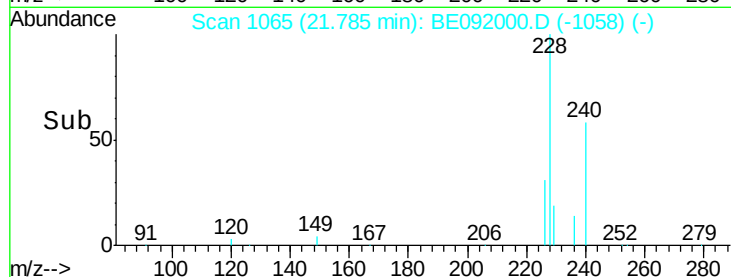
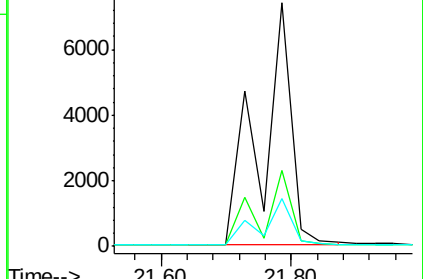
229 19.5 13.8 20.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#38

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

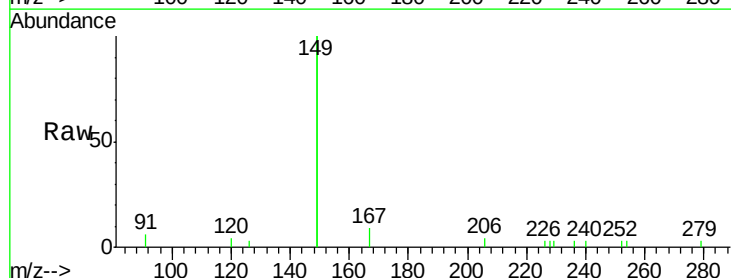
Tgt Ion:149 Resp: 7042

Ion Ratio Lower Upper

149 100

167 4.5 0.0 0.0#

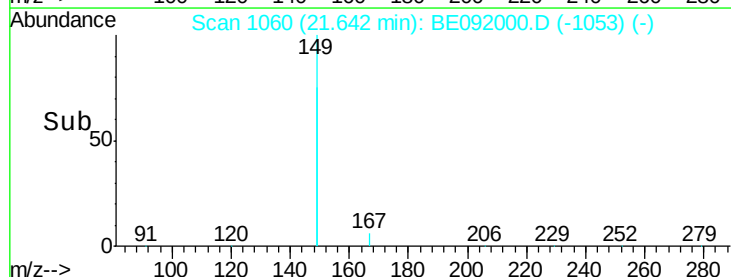
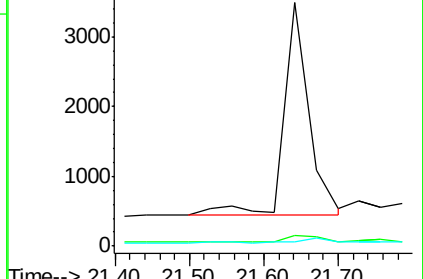
279 0.0 0.0 0.0

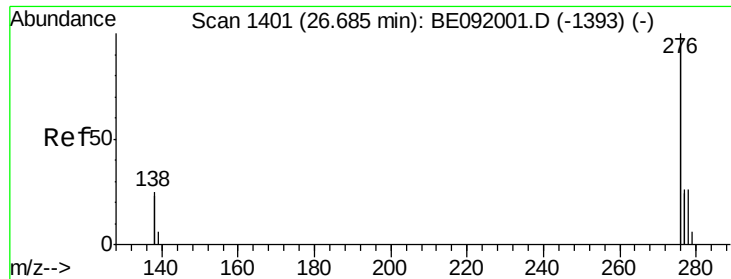


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.16 ng

RT: 26.68 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

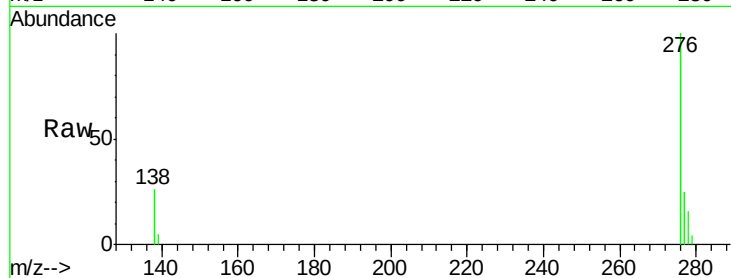
Tgt Ion: 276 Resp: 35504

Ion Ratio Lower Upper

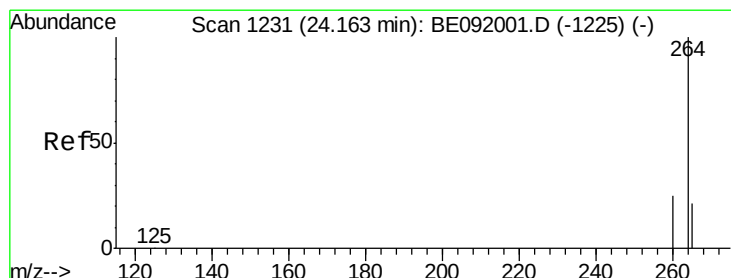
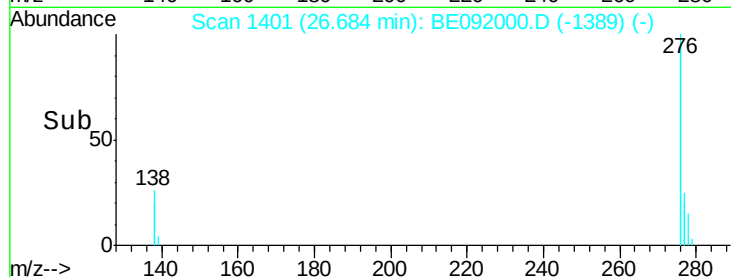
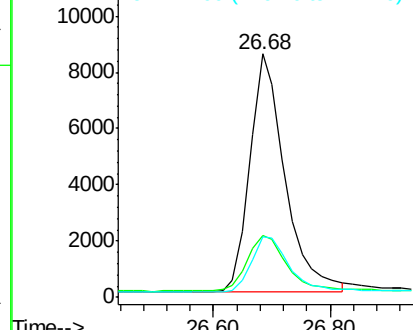
276 100

138 26.2 19.7 29.5

277 24.6 20.1 30.1



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



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

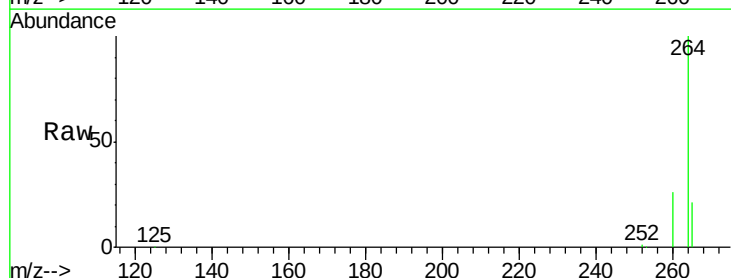
Tgt Ion: 264 Resp: 173288

Ion Ratio Lower Upper

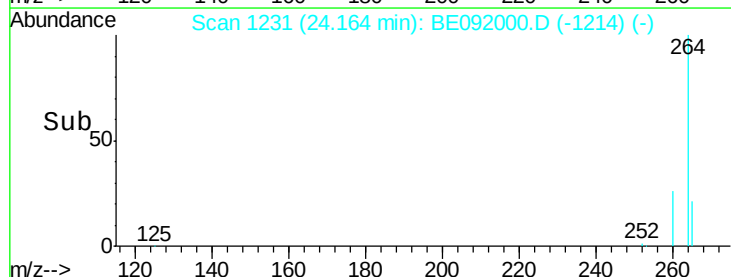
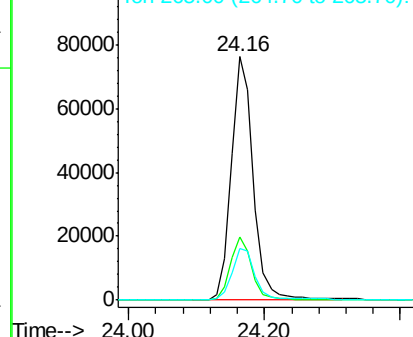
264 100

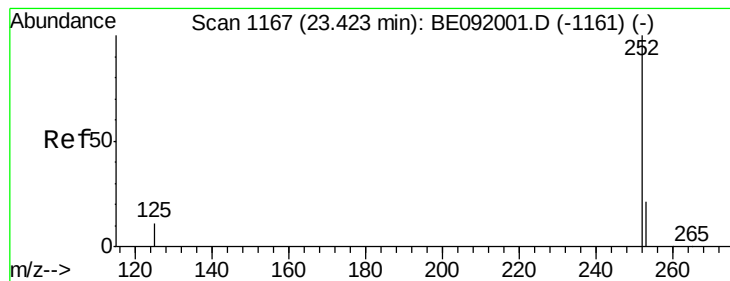
260 26.1 20.3 30.5

265 21.3 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.18 ng

RT: 23.42 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

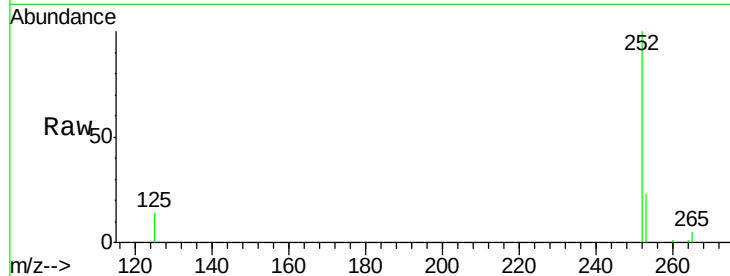
Tgt Ion:252 Resp: 8393

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

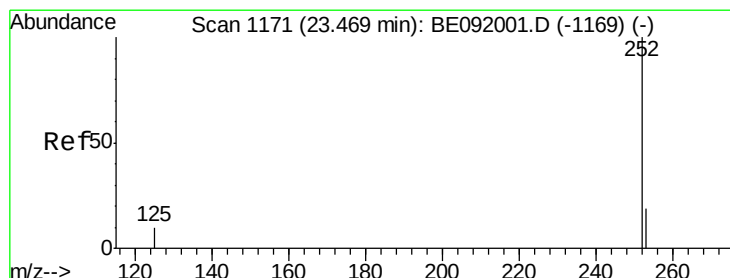
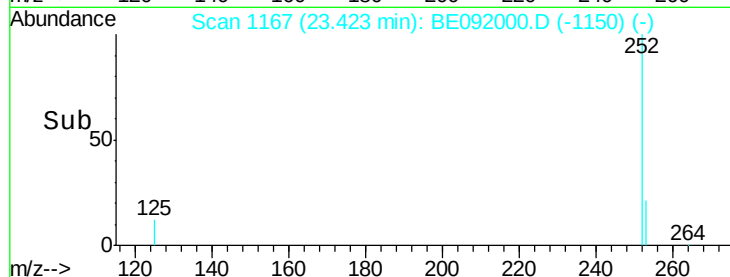
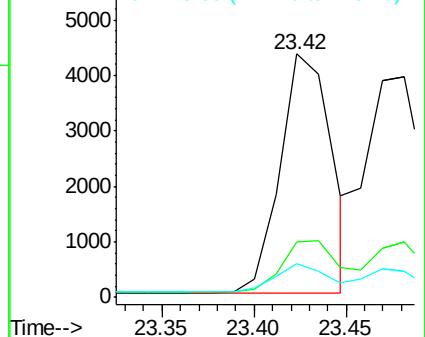
125 13.9 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#42

Benzo(k)fluoranthene

Concen: 0.20 ng

RT: 23.48 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

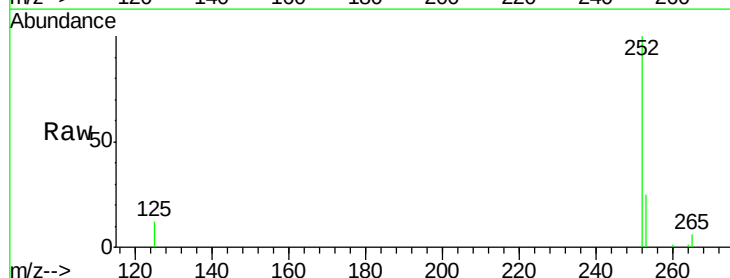
Tgt Ion:252 Resp: 9191

Ion Ratio Lower Upper

252 100

253 25.1 19.4 29.2

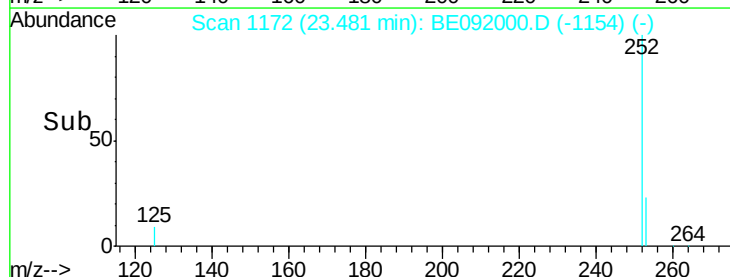
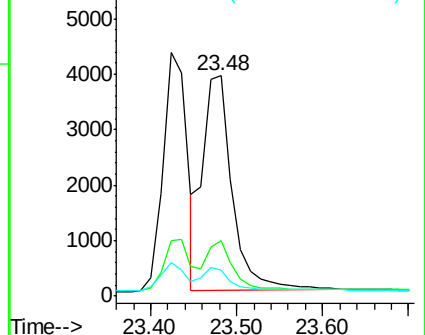
125 11.7 8.3 12.5

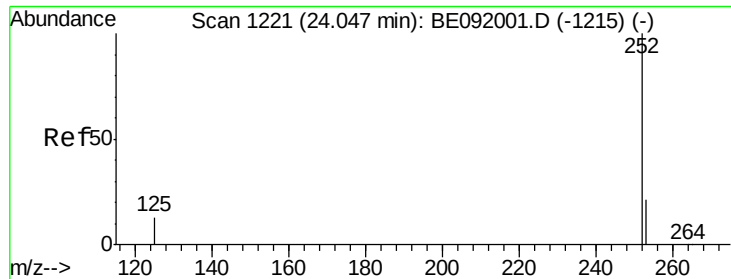


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.18 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

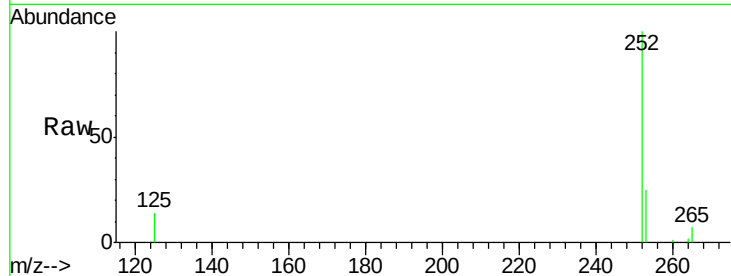
Tgt Ion: 252 Resp: 8083

Ion Ratio Lower Upper

252 100

253 25.4 18.9 28.3

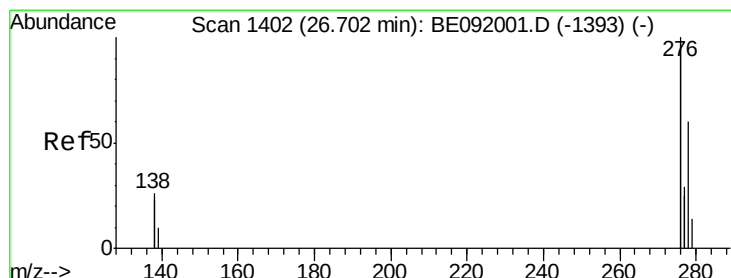
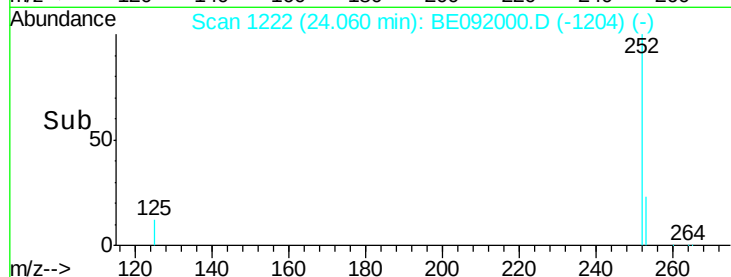
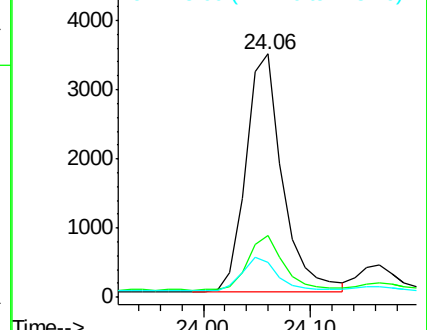
125 14.3 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#44

Dibenzo(a,h)anthracene

Concen: 0.16 ng

RT: 26.72 min Scan# 1403

Delta R.T. 0.02 min

Lab File: BE092000.D

Acq: 22 Jul 2016 10:19

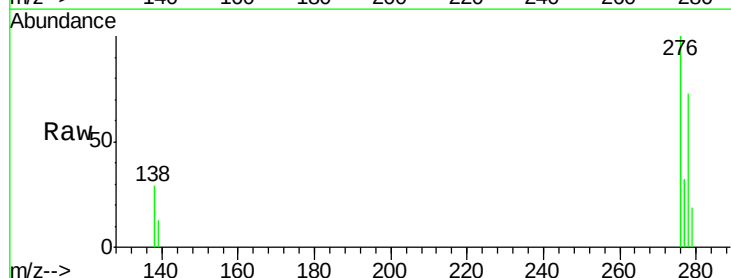
Tgt Ion: 278 Resp: 6918

Ion Ratio Lower Upper

278 100

139 17.9 12.6 18.8

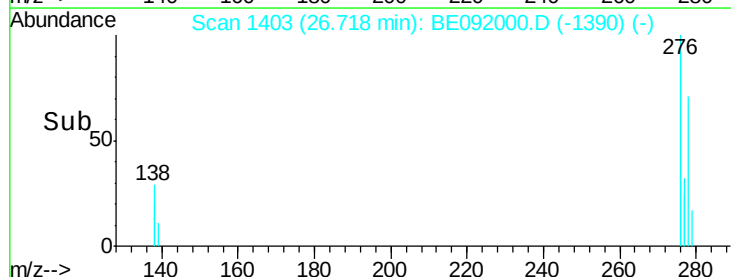
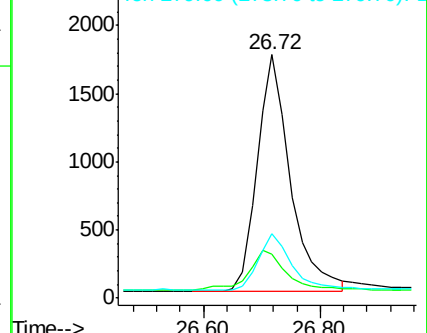
279 26.2 20.0 30.0

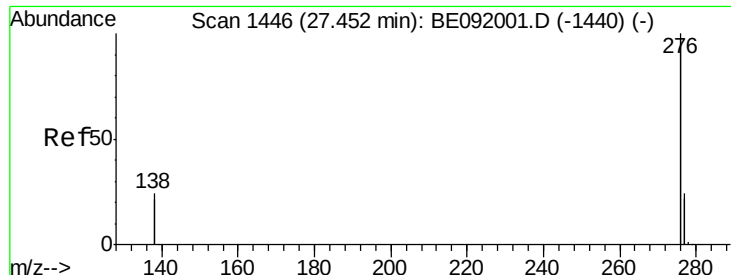


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 0.17 ng

RT: 27.47 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BE092000.D

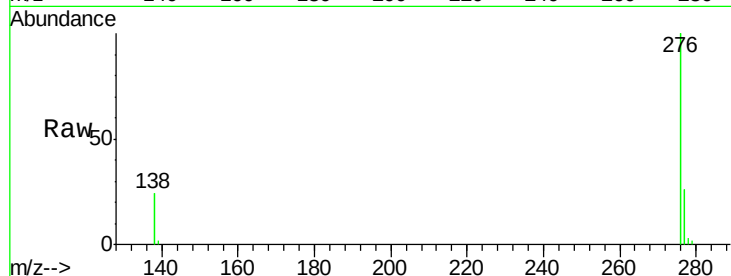
Acq: 22 Jul 2016 10:19

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2



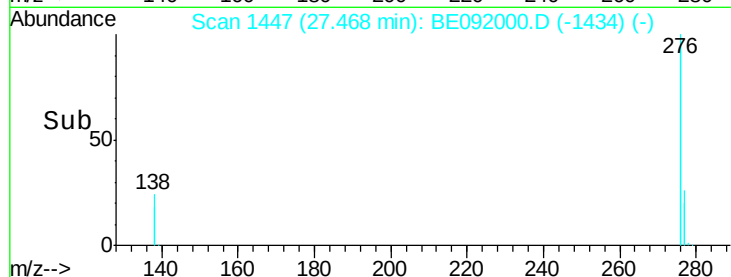
Tgt Ion: 276 Resp: 29770

Ion Ratio Lower Upper

276 100

277 25.9 19.5 29.3

138 23.8 17.7 26.5



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

