

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
 Data File : BE091878.D
 Acq On : 7 Jun 2016 11:31
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jun 07 13:02:11 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 12:57:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	20718	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	93934	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	53281	5.00	ng	0.00
24) Phenanthrene-d10	17.12	188	166739	5.00	ng	0.00
31) Chrysene-d12	21.30	240	135552	5.00	ng	0.00
40) Perylene-d12	23.71	264	196950	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	1757	0.30	ng	0.00
5) Phenol-d6	6.96	99	2099	0.27	ng	0.00
9) Nitrobenzene-d5	8.94	82	2626	0.34	ng	0.00
16) 2,4,6-Tribromophenol	15.89	330	563	0.24	ng	0.00
17) 2-Fluorobiphenyl	13.01	172	7045	0.44	ng	0.00
34) Terphenyl-d14	19.74	244	11793	0.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	1364	0.45	ng	98
3) n-Nitrosodimethylamine	3.61	42	1441	0.38	ng	# 86
6) bis(2-Chloroethyl)ether	7.20	93	2360	0.36	ng	98
7) n-Nitroso-di-n-propylamine	8.57	70	1828	0.30	ng	# 90
10) Nitrobenzene	8.96	77	2242	0.30	ng	# 100
11) bis(2-Chloroethoxy)methane	9.98	93	3603	0.40	ng	# 1
12) Naphthalene	10.59	128	8588	0.42	ng	95
13) Hexachlorobutadiene	10.88	225	1288	0.41	ng	99
14) 2-Methylnaphthalene	12.22	142	5351	0.39	ng	99
18) Acenaphthylene	14.10	152	9773	0.37	ng	99
19) 2,6-Dinitrotoluene	13.98	165	940	0.26	ng	# 81
20) Acenaphthene	14.44	154	6181	0.43	ng	99
21) 2,4-Dinitrotoluene	14.78	165	1004	0.24	ng	# 1
22) Fluorene	15.44	166	7417	0.40	ng	99
23) 4-Chlorophenyl-phenylether	15.42	204	3784	0.40	ng	99
25) 4-Bromophenyl-phenylether	16.32	248	2249	0.38	ng	97
26) Hexachlorobenzene	16.44	284	2406	0.42	ng	99
27) Pentachlorophenol	16.78	266	663	0.30	ng	90
28) Phenanthrene	17.17	178	15060	0.41	ng	99
29) Anthracene	17.26	178	12524	0.38	ng	100
30) Fluoranthene	19.19	202	15616	0.37	ng	99
32) Benzidine	19.38	184	3244	0.30	ng	# 95
33) Pyrene	19.53	202	16377	0.57	ng	99
35) Benzo(a)anthracene	21.27	228	92386m	2.56	ng	
36) 3,3'-Dichlorobenzidine	21.21	252	3419	0.17	ng	# 76
37) Chrysene	21.33	228	55982m	1.69	ng	
38) Bis(2-ethylhexyl)phthalate	21.19	149	6442	0.49	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.27	276	20043	0.59	ng	# 75
41) Benzo(b)fluoranthene	22.98	252	19454	0.37	ng	97
42) Benzo(k)fluoranthene	23.03	252	19813	0.41	ng	98
43) Benzo(a)pyrene	23.59	252	17507	0.36	ng	96
44) Dibenzo(a,h)anthracene	26.31	278	16493	0.36	ng	# 95
45) Benzo(a,h,i)perylene	27.07	276	17890	0.38	ng	# 94

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QLast Update : Tue Jun 07 12:57:19 2016
Response via : Initial Calibration

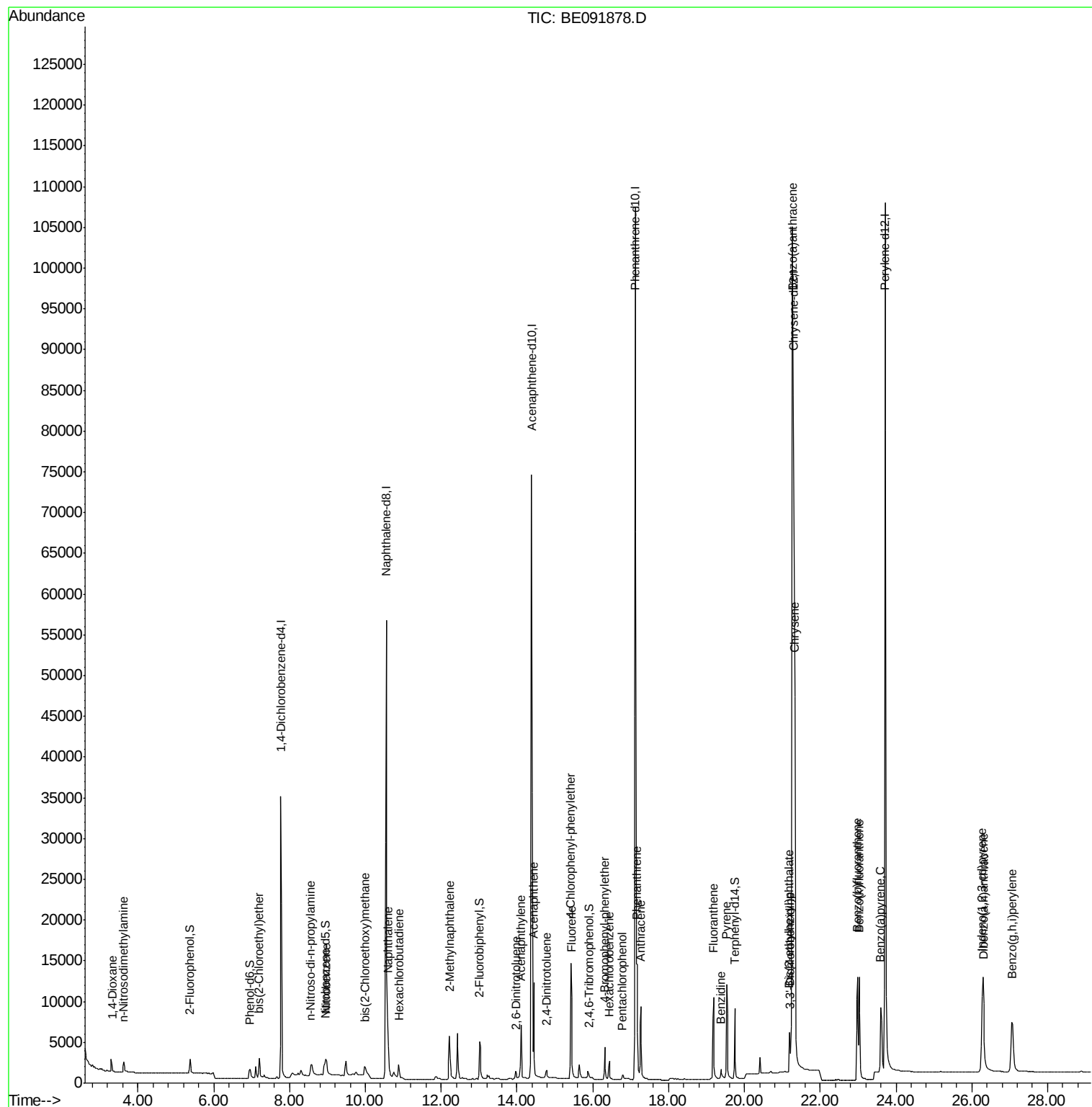
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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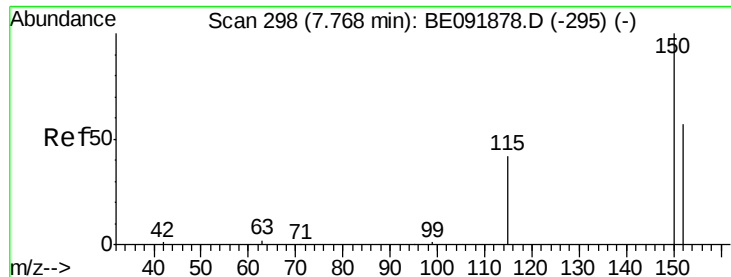
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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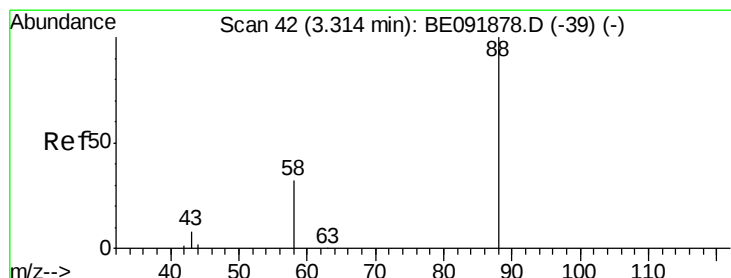
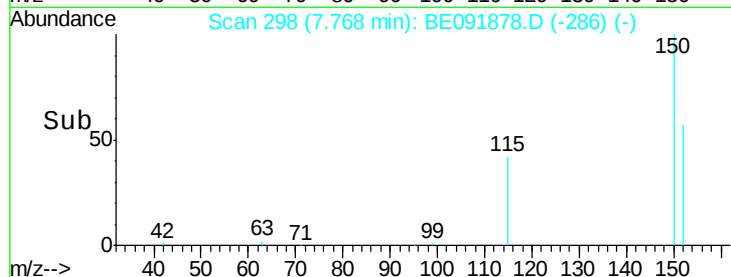
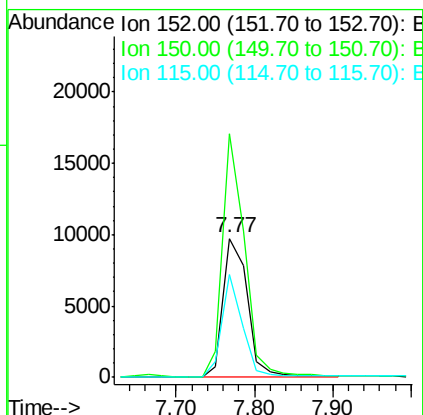
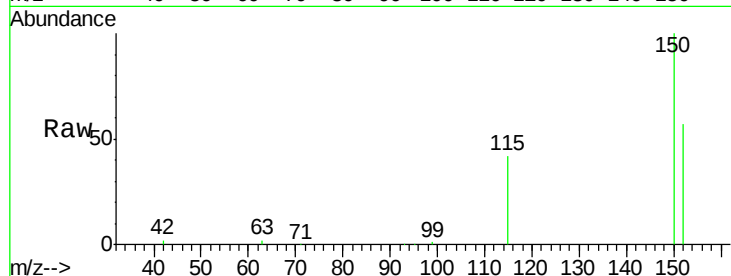


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 298
Delta R.T. 0.00 min
Lab File: BE091878.D
Acq: 7 Jun 2016 11:31

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

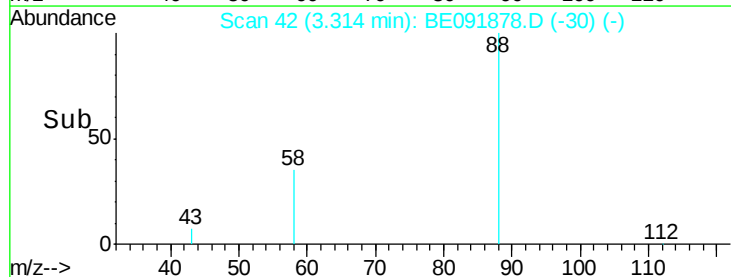
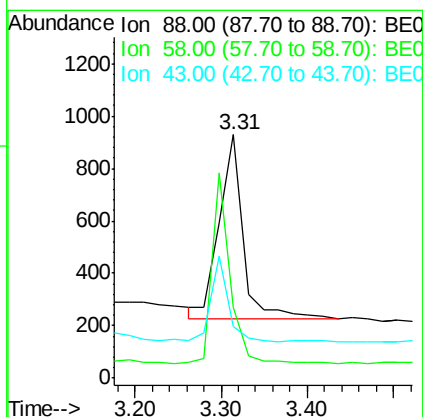
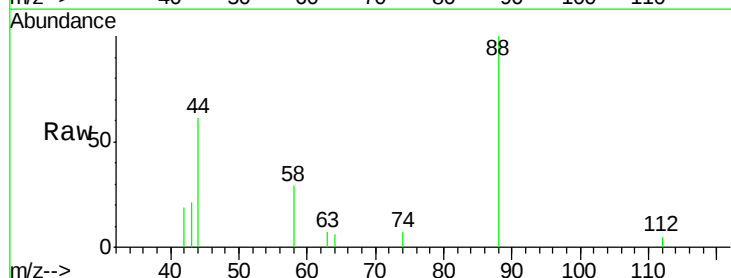
Tot Ion:152 Resp: 20718
Ion Ratio Lower Upper
152 100
150 174.8 123.9 185.9
115 74.2 48.3 72.5#

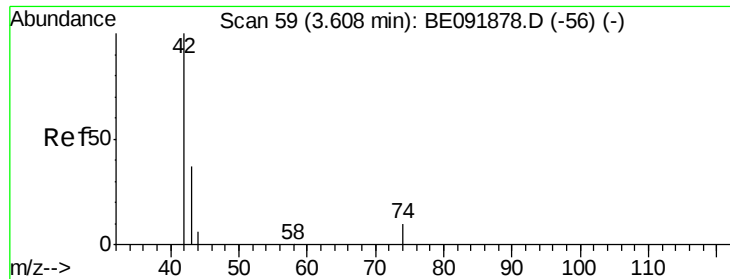


#2

1,4-Dioxane
Concen: 0.45 ng
RT: 3.31 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE091878.D
Acq: 7 Jun 2016 11:31

Tgt Ion: 88 Resp: 1364
Ion Ratio Lower Upper
88 100
58 77.6 63.0 94.4
43 34.1 29.1 43.7





#3

n-Nitrosodimethylamine

Concen: 0.38 ng

RT: 3.61 min Scan# 59

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

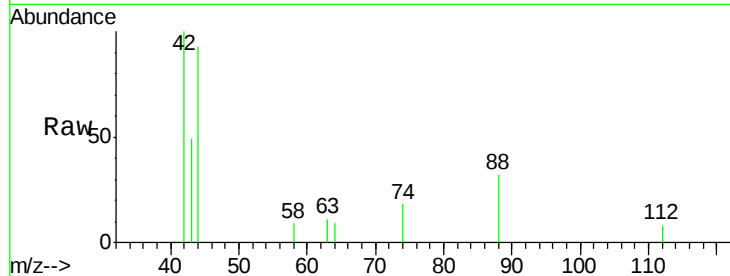
Tot Ion: 42 Resp: 1441

Ion Ratio Lower Upper

42 100

74 101.1 93.4 140.0

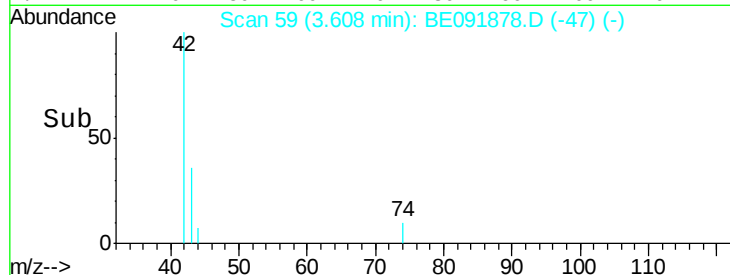
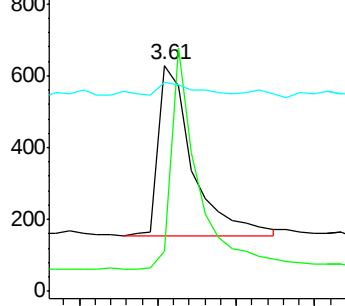
44 7.8 5.0 7.6#



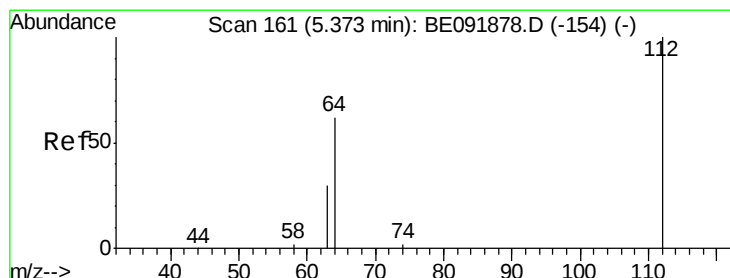
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.30 ng

RT: 5.37 min Scan# 161

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

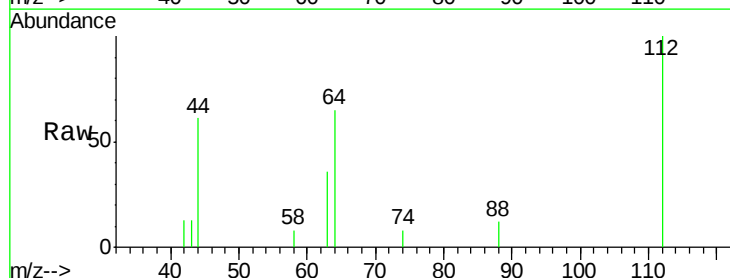
Tgt Ion: 112 Resp: 1757

Ion Ratio Lower Upper

112 100

64 65.3 53.7 80.5

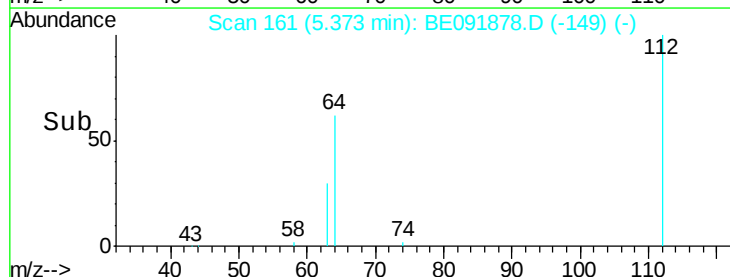
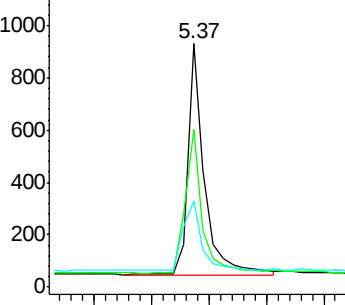
63 35.1 29.5 44.3

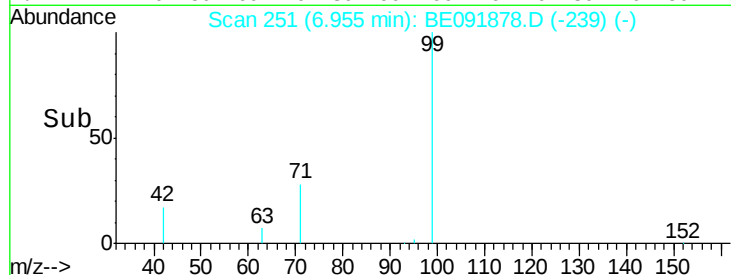
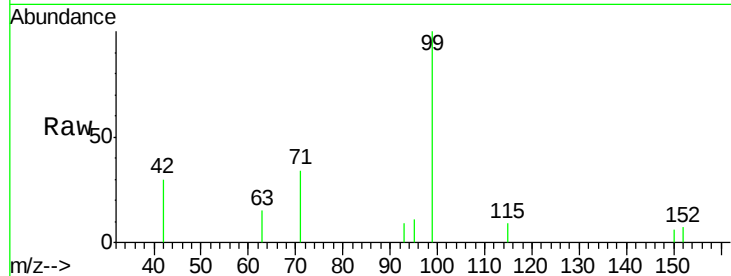
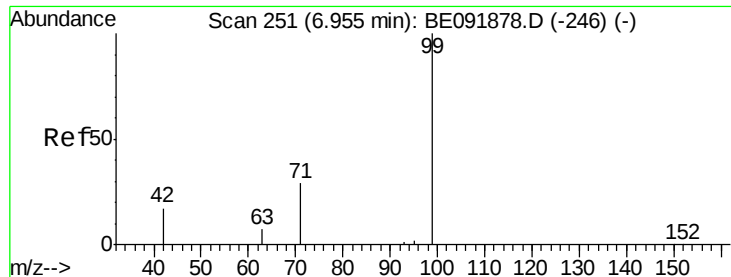


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.27 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

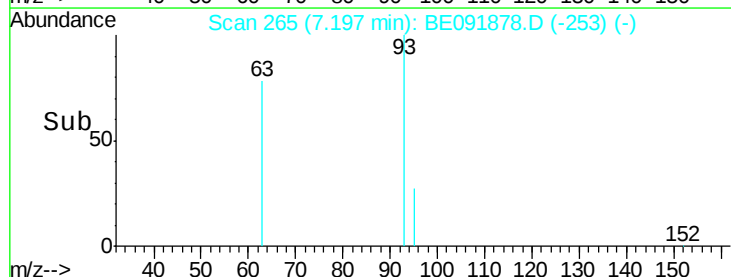
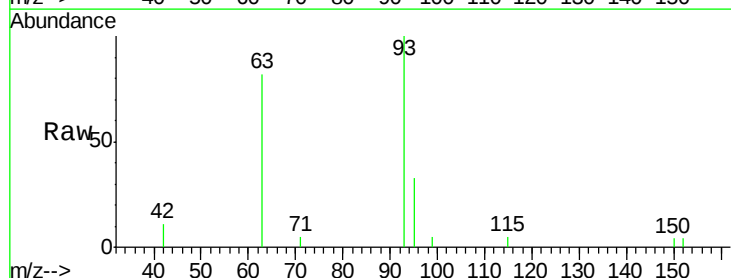
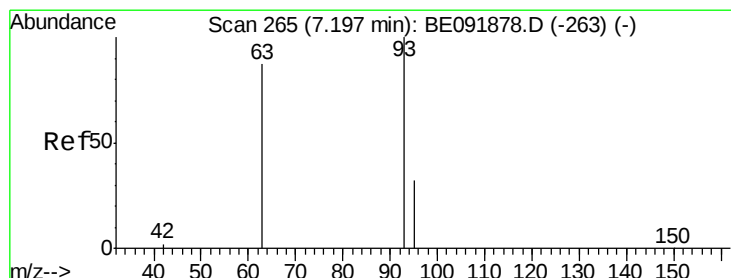
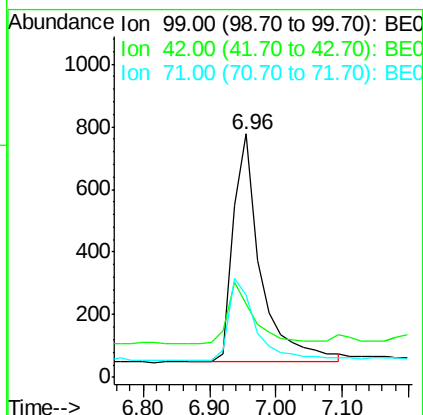
Tot Ion: 99 Resp: 2099

Ion Ratio Lower Upper

99 100

42 25.6 19.6 29.4

71 36.7 28.1 42.1



#6

bis(2-Chloroethyl)ether

Concen: 0.36 ng

RT: 7.20 min Scan# 265

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

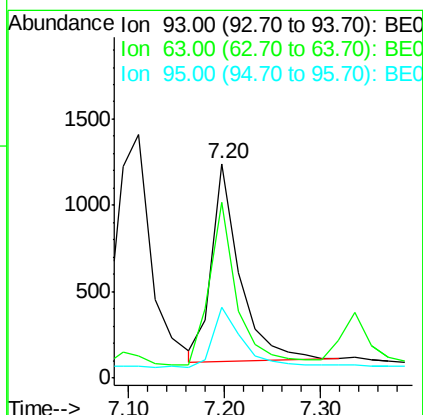
Tgt Ion: 93 Resp: 2360

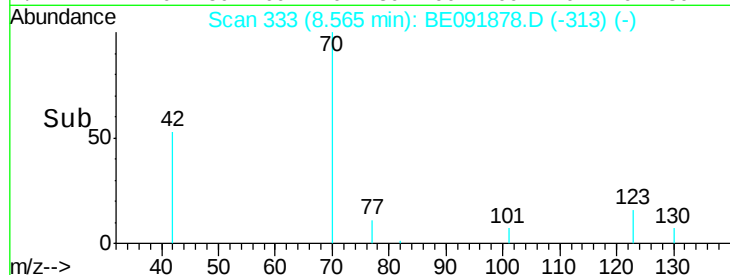
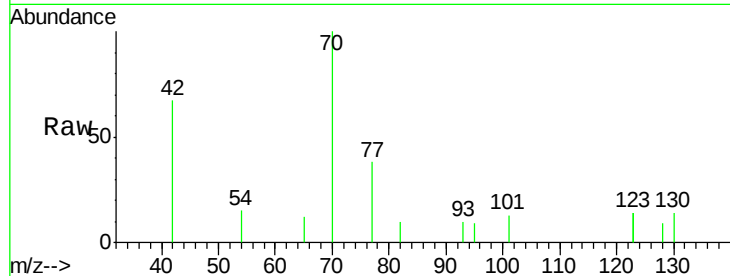
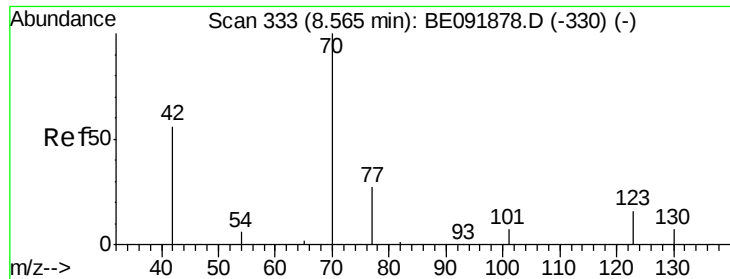
Ion Ratio Lower Upper

93 100

63 80.8 66.2 99.4

95 33.3 25.5 38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.30 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion: 70 Resp: 1828

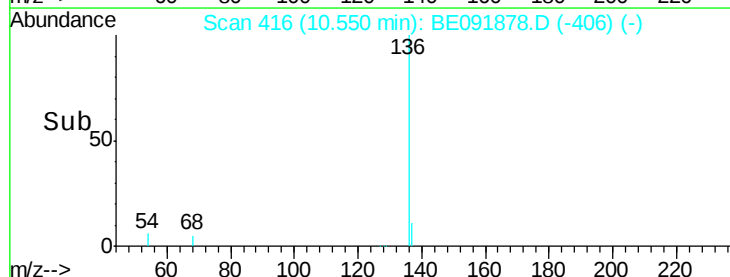
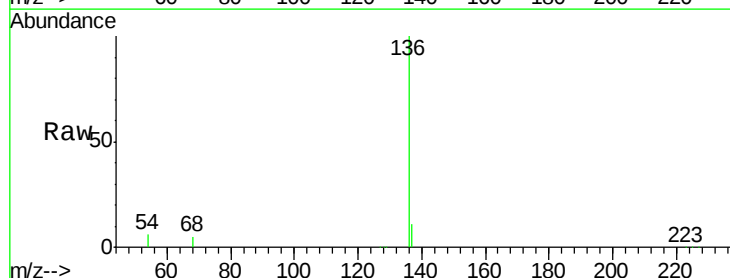
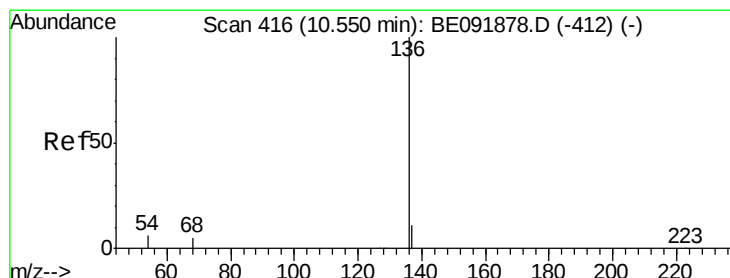
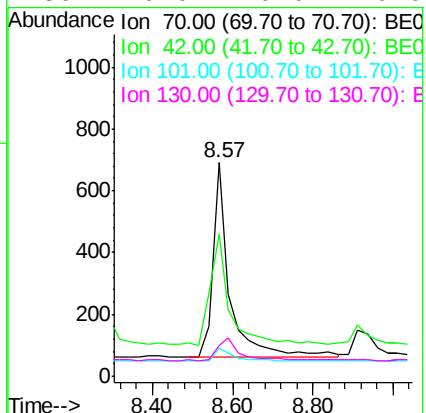
Ion Ratio Lower Upper

70 100

42 64.1 58.4 87.6

101 8.8 6.4 9.6

130 0.0 0.0 0.0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 416

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Tgt Ion: 136 Resp: 93934

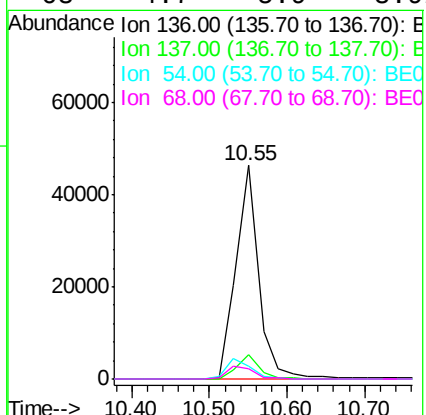
Ion Ratio Lower Upper

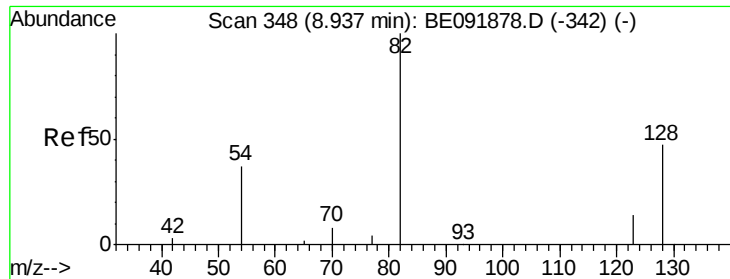
136 100

137 11.4 8.3 12.5

54 5.9 8.2 12.4#

68 4.7 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 0.34 ng

RT: 8.94 min Scan# 348

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

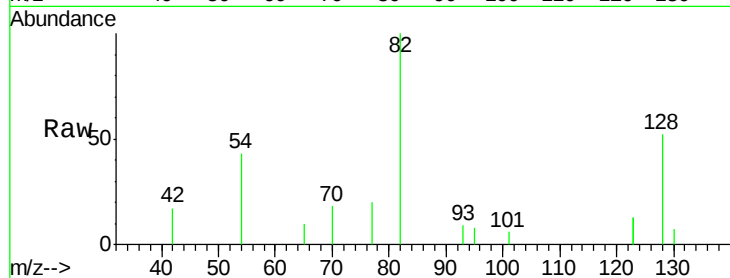
Tot Ion: 82 Resp: 2626

Ion Ratio Lower Upper

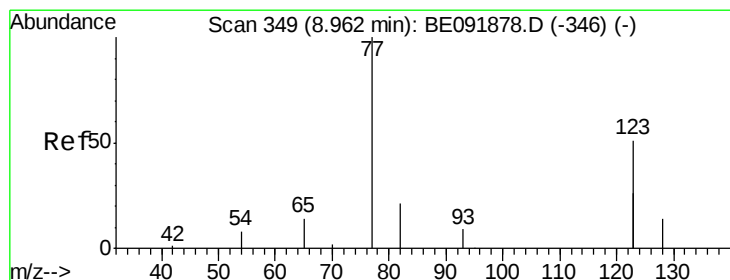
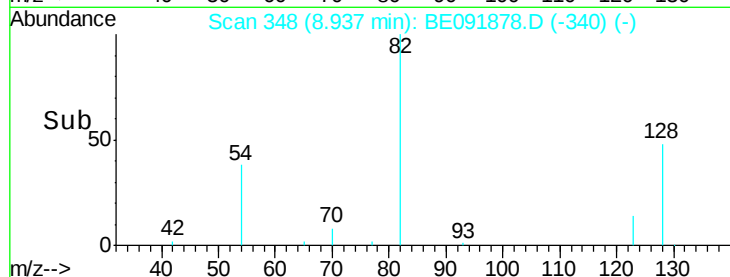
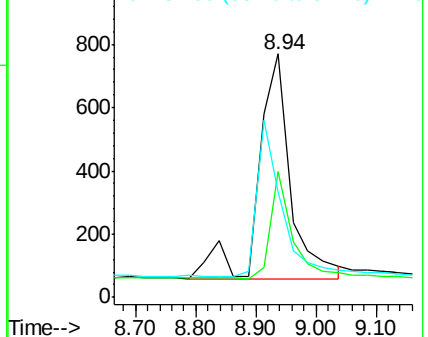
82 100

128 51.7 39.5 59.3

54 43.4 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: 0.30 ng

RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

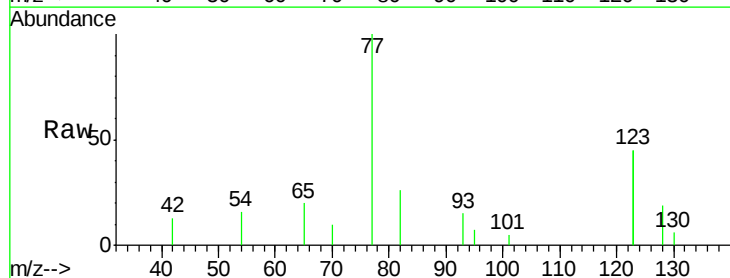
Tgt Ion: 77 Resp: 2242

Ion Ratio Lower Upper

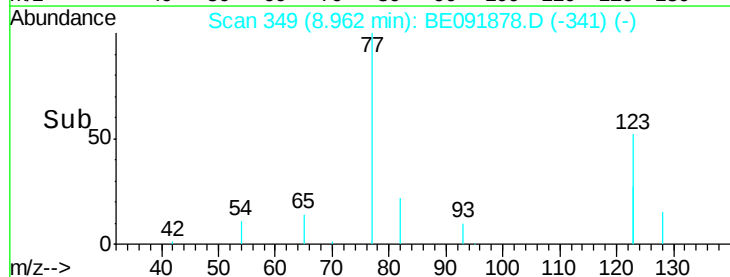
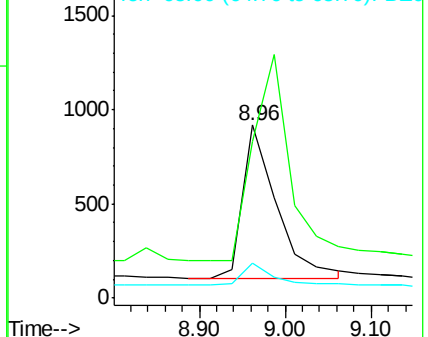
77 100

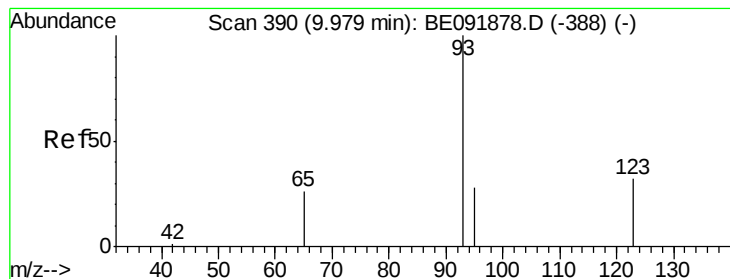
123 0.0 0.0 0.0

65 13.9 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: 0.40 ng

RT: 9.98 min Scan# 390

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

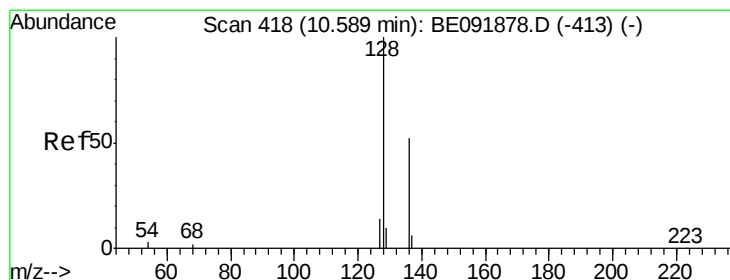
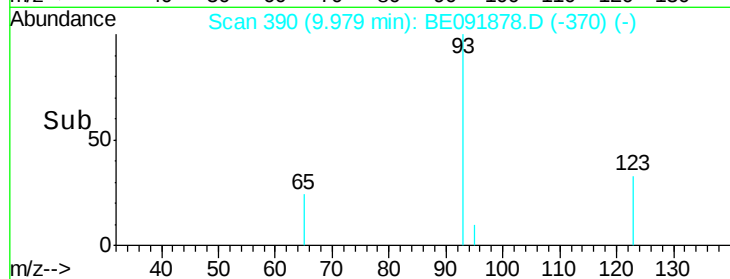
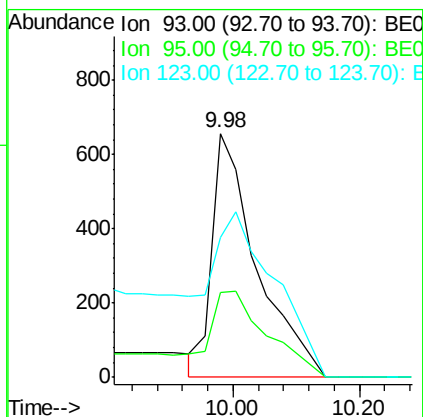
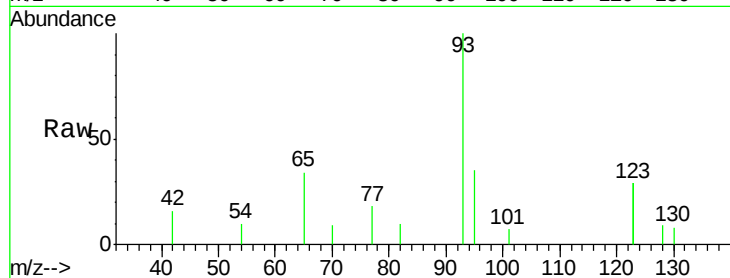
Tot Ion: 93 Resp: 3603

Ion Ratio Lower Upper

93 100

95 0.0 57.6 86.4#

123 0.0 100.2 150.4#



#12

Naphthalene

Concen: 0.42 ng

RT: 10.59 min Scan# 418

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

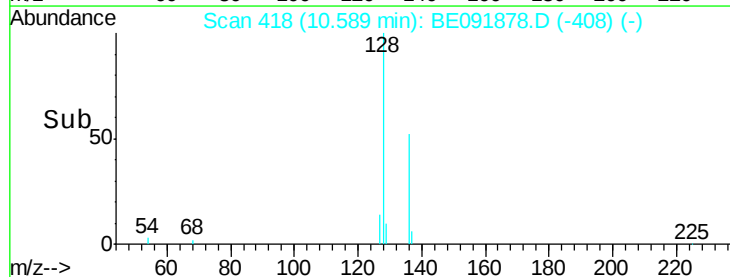
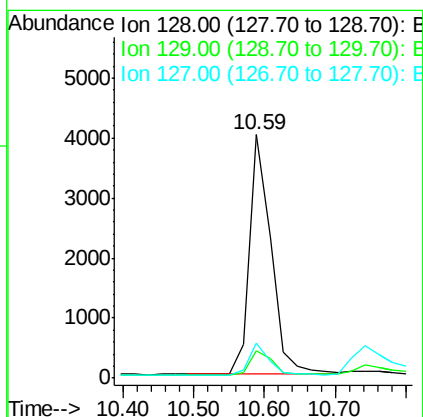
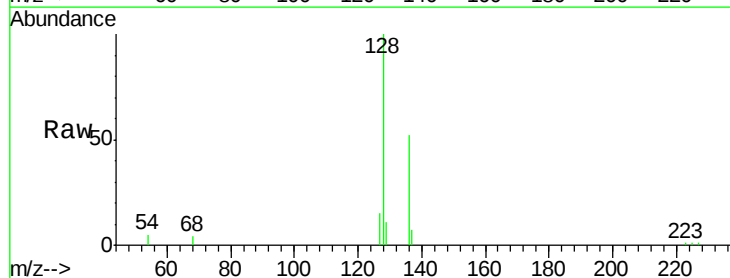
Tgt Ion: 128 Resp: 8588

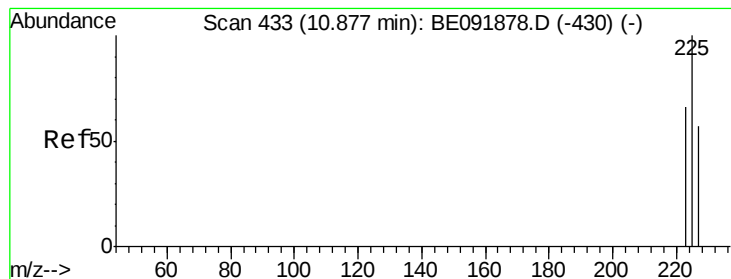
Ion Ratio Lower Upper

128 100

129 11.2 10.4 15.6

127 14.6 10.2 15.2





#13

Hexachlorobutadiene

Concen: 0.41 ng

RT: 10.88 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

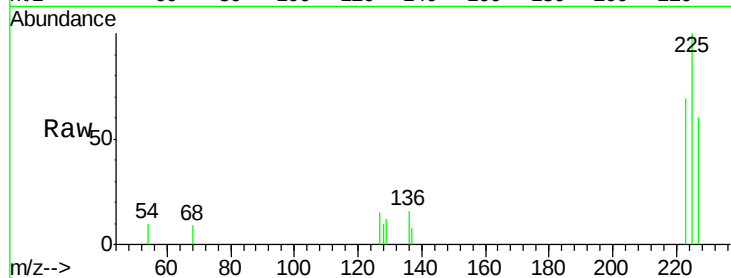
Tot Ion:225 Resp: 1288

Ion Ratio Lower Upper

225 100

223 63.1 49.8 74.8

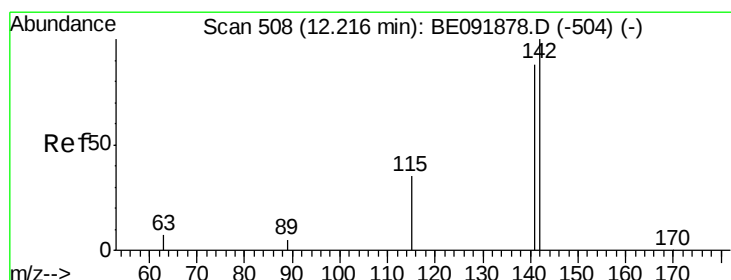
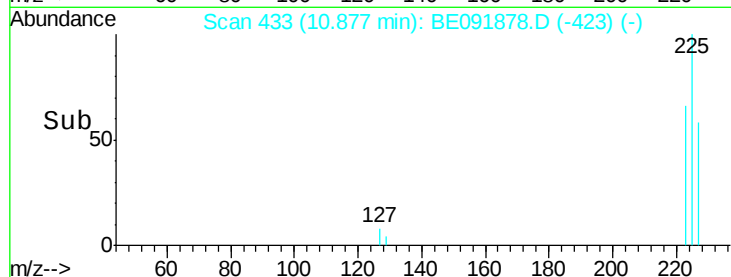
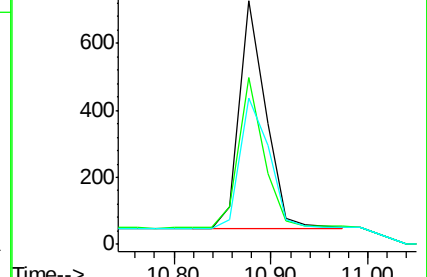
227 63.9 50.6 75.8



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



#14

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.22 min Scan# 508

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

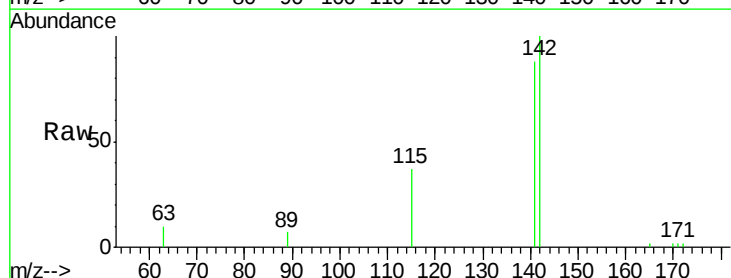
Tgt Ion:142 Resp: 5351

Ion Ratio Lower Upper

142 100

141 88.4 71.9 107.9

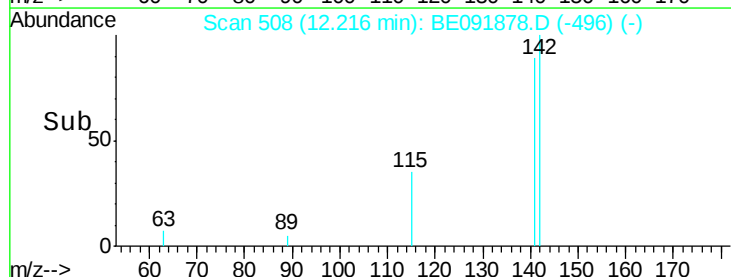
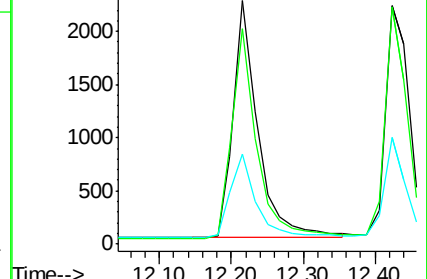
115 37.0 29.9 44.9

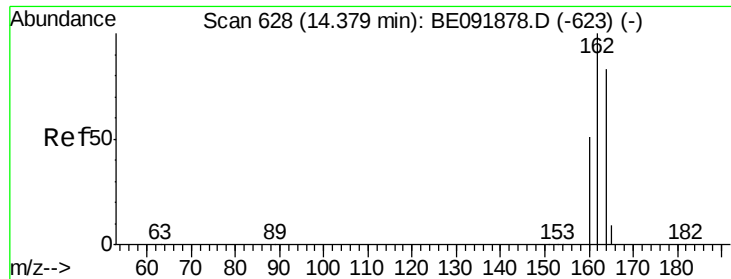


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

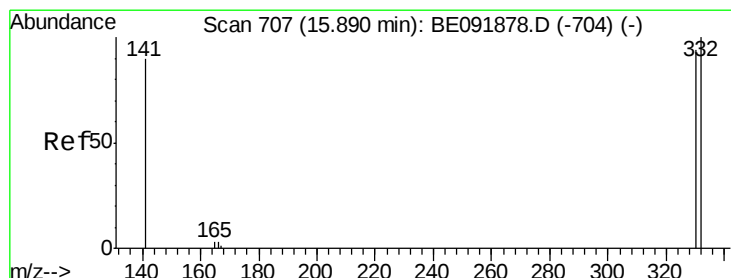
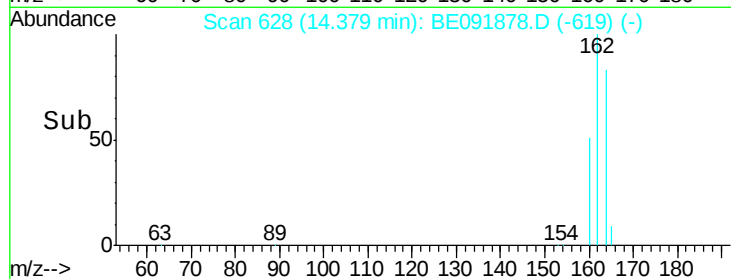
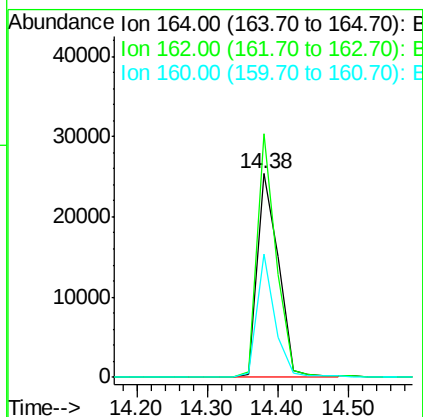
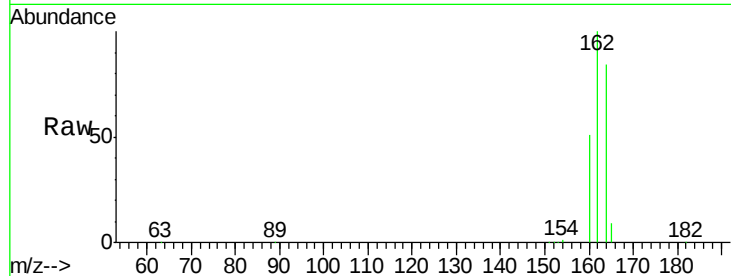
Tot Ion:164 Resp: 53281

Ion Ratio Lower Upper

164 100

162 119.7 71.8 107.8#

160 60.9 28.0 42.0#



#16

2,4,6-Tribromophenol

Concen: 0.24 ng

RT: 15.89 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

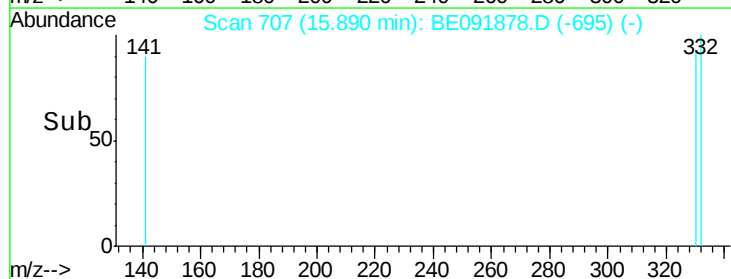
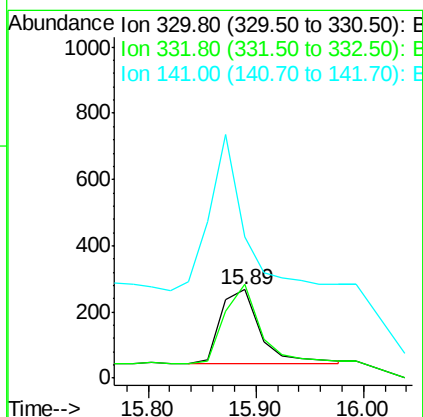
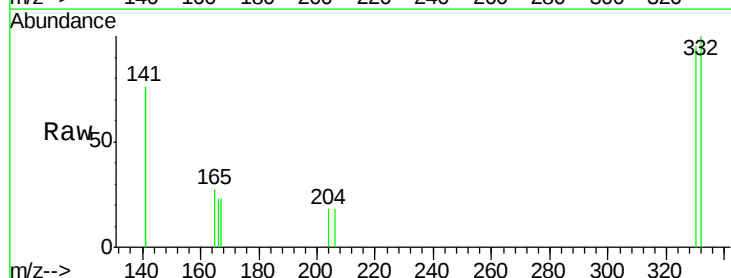
Tgt Ion:330 Resp: 563

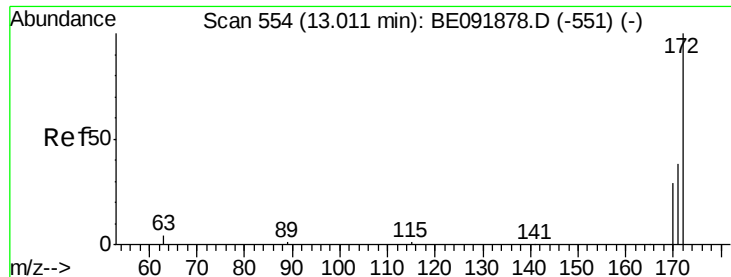
Ion Ratio Lower Upper

330 100

332 99.3 77.0 115.6

141 191.1 138.4 207.6

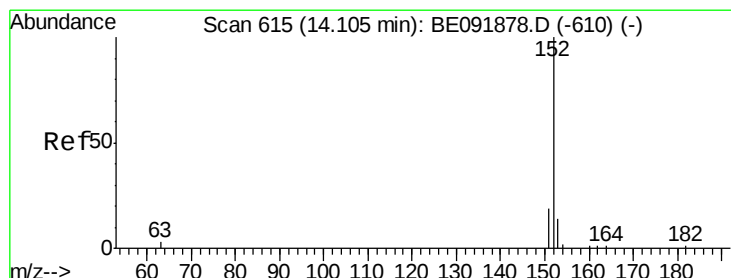
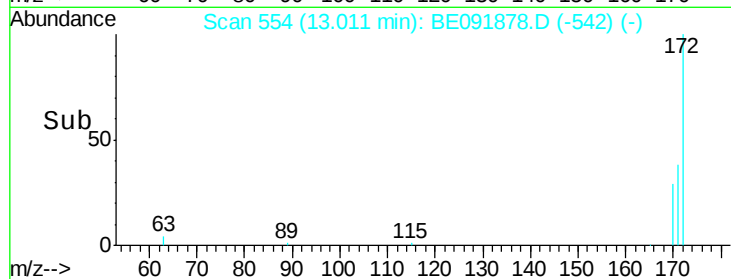
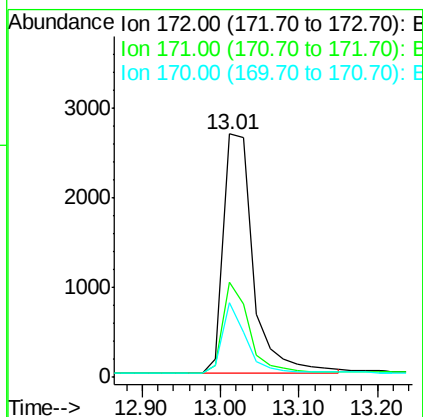
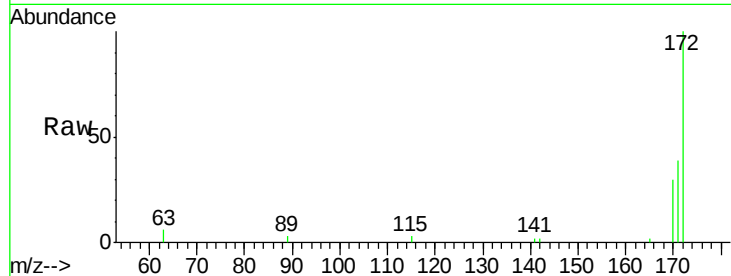




#17
 2-Fluorobiphenyl
 Concen: 0.44 ng
 RT: 13.01 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BE091878.D
 Acq: 7 Jun 2016 11:31

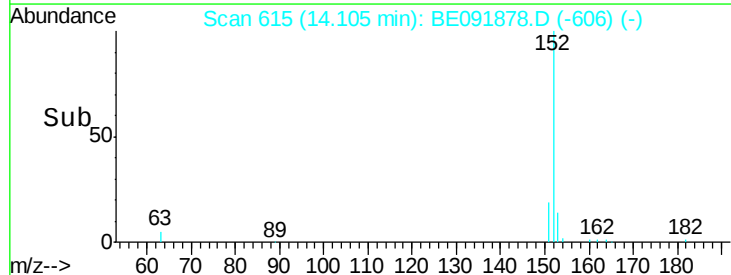
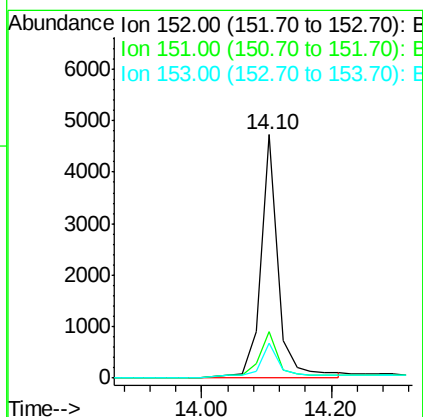
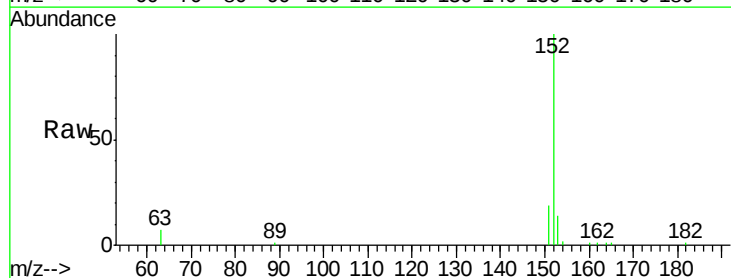
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

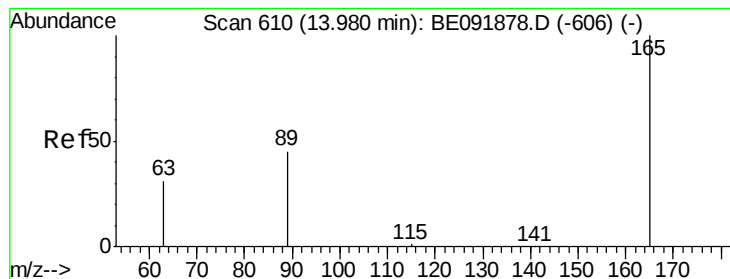
Tot Ion:172 Resp: 7045
 Ion Ratio Lower Upper
 172 100
 171 39.0 24.3 36.5#
 170 30.5 14.9 22.3#



#18
 Acenaphthylene
 Concen: 0.37 ng
 RT: 14.10 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BE091878.D
 Acq: 7 Jun 2016 11:31

Tgt Ion:152 Resp: 9773
 Ion Ratio Lower Upper
 152 100
 151 24.0 19.4 29.2
 153 18.8 14.4 21.6





#19

2,6-Dinitrotoluene

Concen: 0.26 ng

RT: 13.98 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

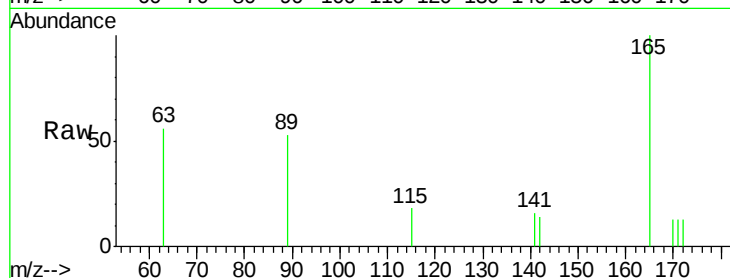
Tot Ion:165 Resp: 940

Ion Ratio Lower Upper

165 100

63 109.3 65.9 98.9#

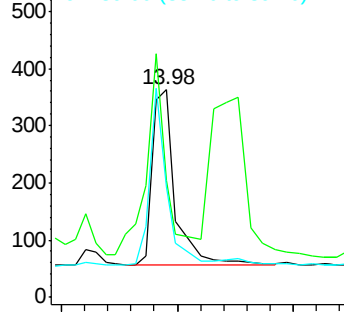
89 78.9 59.1 88.7



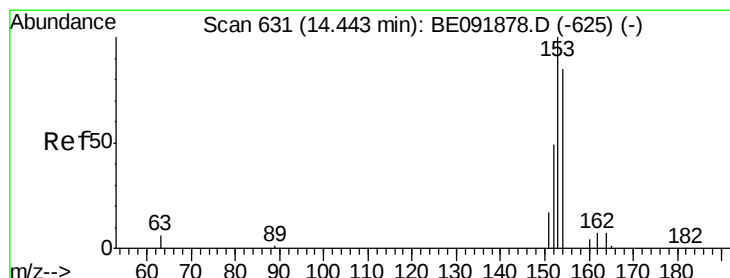
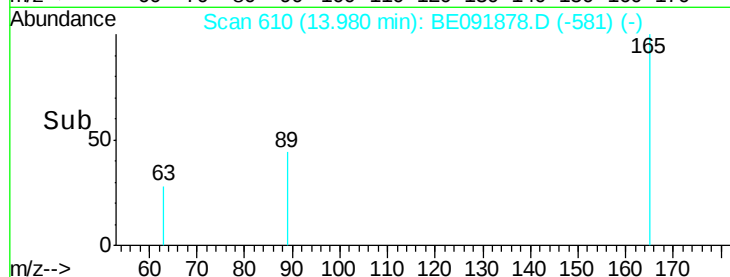
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



Time--> 13.80 14.00 14.20



#20

Acenaphthene

Concen: 0.43 ng

RT: 14.44 min Scan# 631

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

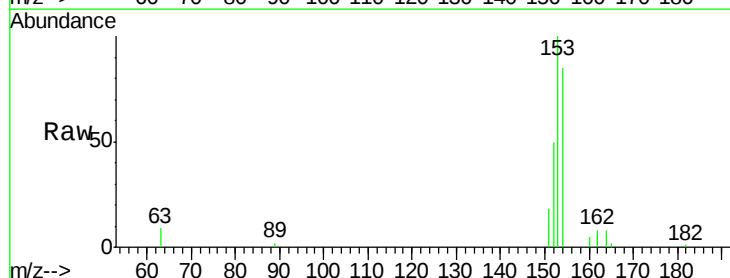
Tgt Ion:154 Resp: 6181

Ion Ratio Lower Upper

154 100

153 110.5 88.1 132.1

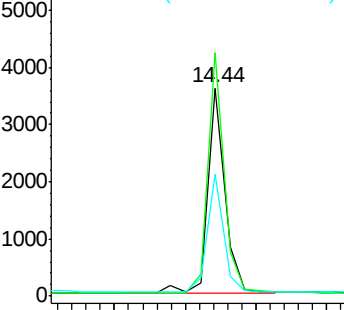
152 54.3 44.2 66.2



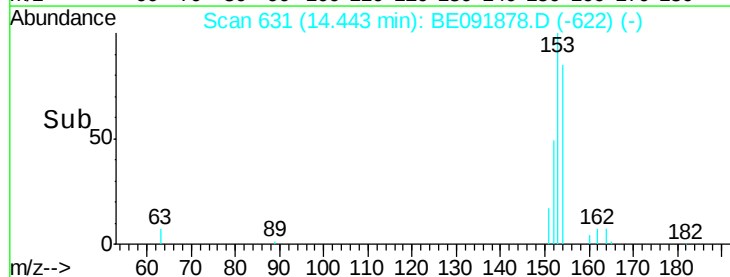
Abundance Ion 154.00 (153.70 to 154.70): E

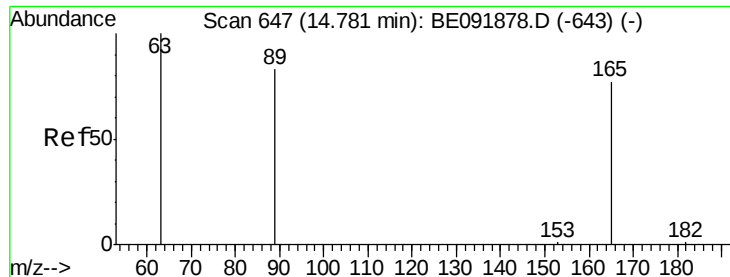
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time--> 14.30 14.40 14.50





#21

2,4-Dinitrotoluene

Concen: 0.24 ng

RT: 14.78 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:165 Resp: 1004

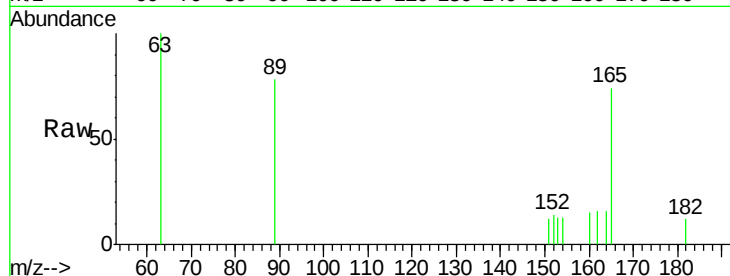
Ion Ratio Lower Upper

165 100

63 299.4 0.0 0.0#

89 0.0 99.8 149.8#

182 0.0 0.0 0.0

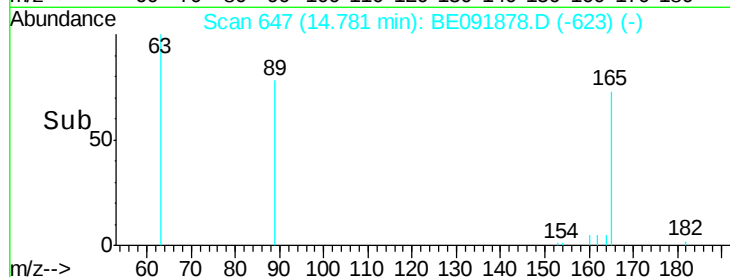
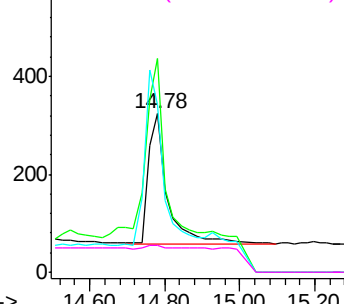


Abundance Ion 165.00 (164.70 to 165.70): E

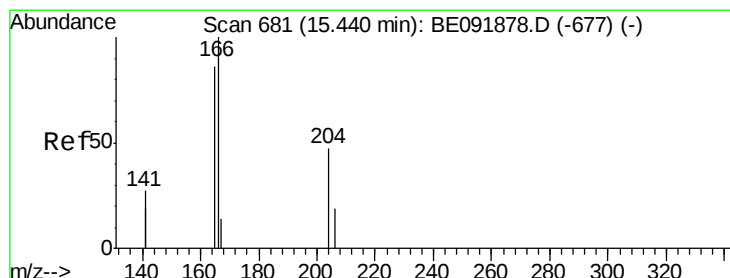
Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E



Time-->



#22

Fluorene

Concen: 0.40 ng

RT: 15.44 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

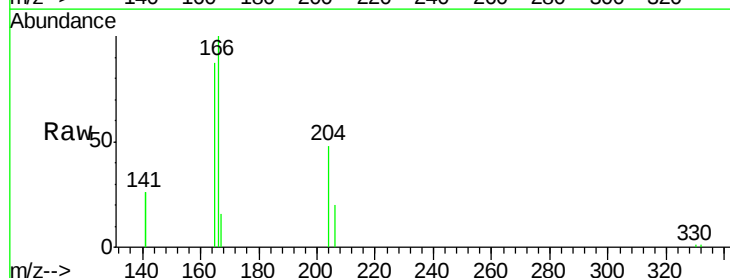
Tgt Ion:166 Resp: 7417

Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

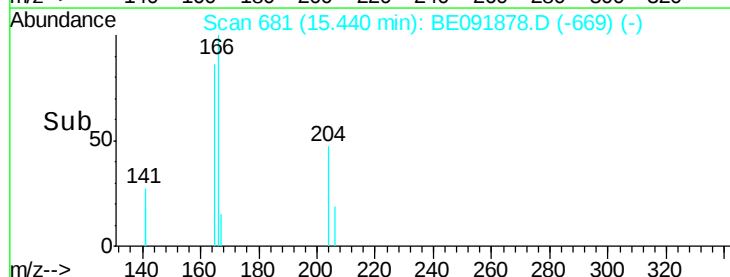
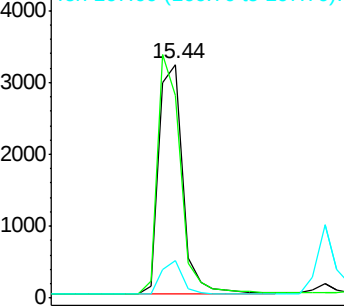
167 13.8 10.8 16.2



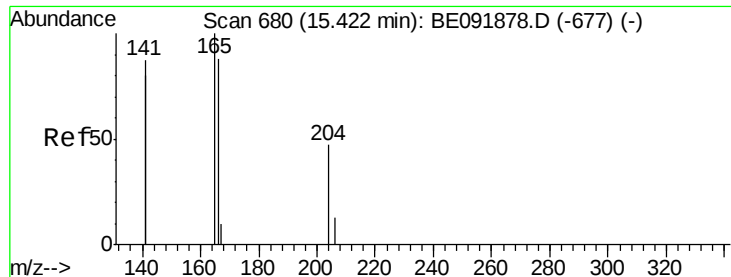
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



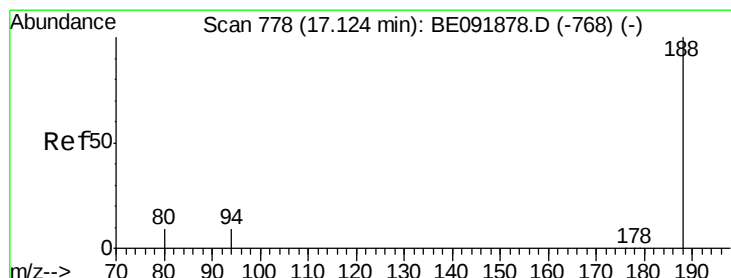
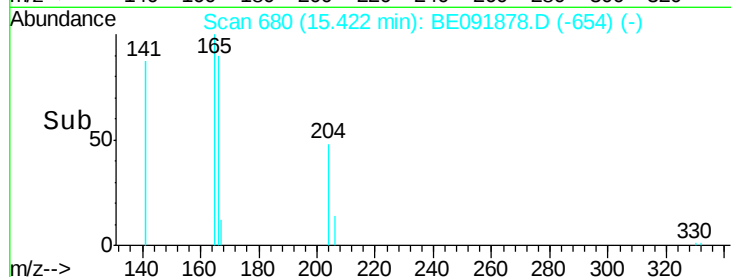
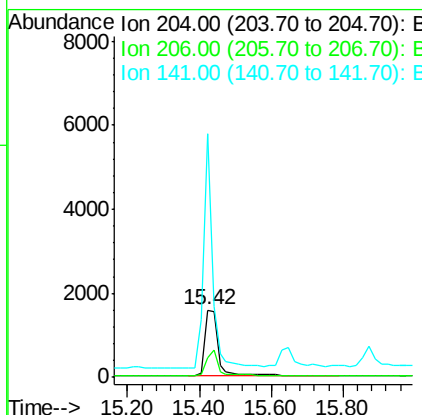
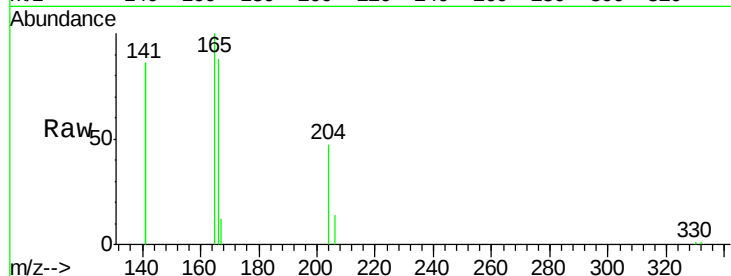
Time-->



#23
4-Chlorophenyl-phenylether
Concen: 0.40 ng
RT: 15.42 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE091878.D
Acq: 7 Jun 2016 11:31

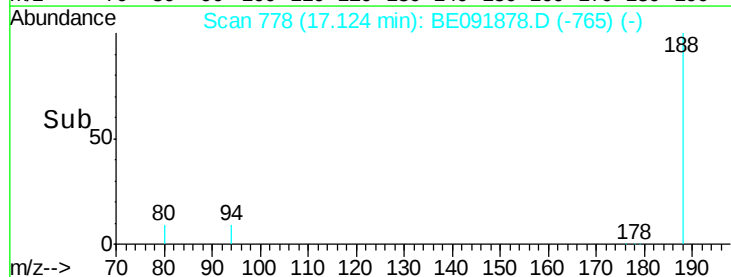
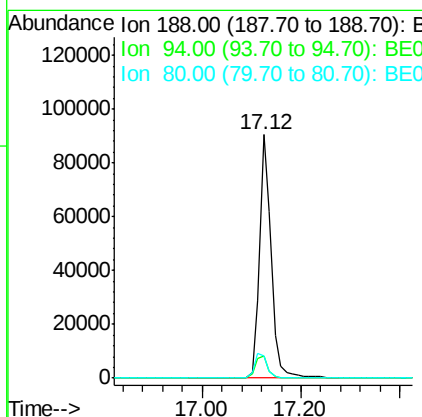
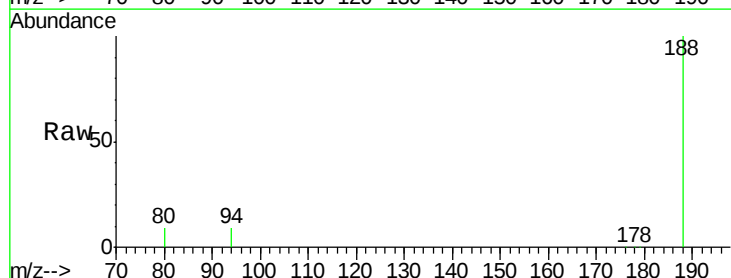
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

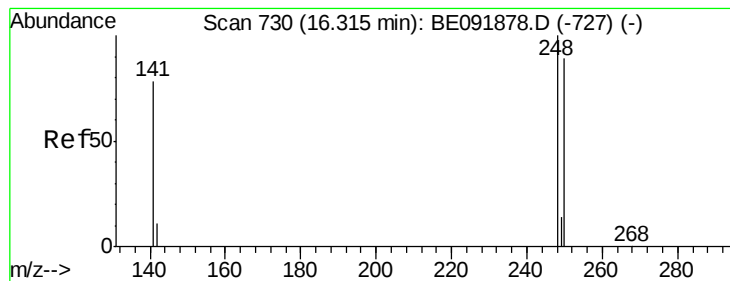
Tot Ion:204 Resp: 3784
Ion Ratio Lower Upper
204 100
206 33.5 27.8 41.6
141 246.2 197.6 296.4



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE091878.D
Acq: 7 Jun 2016 11:31

Tgt Ion:188 Resp: 166739
Ion Ratio Lower Upper
188 100
94 9.4 4.1 6.1#
80 9.1 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 0.38 ng

RT: 16.32 min Scan# 730

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

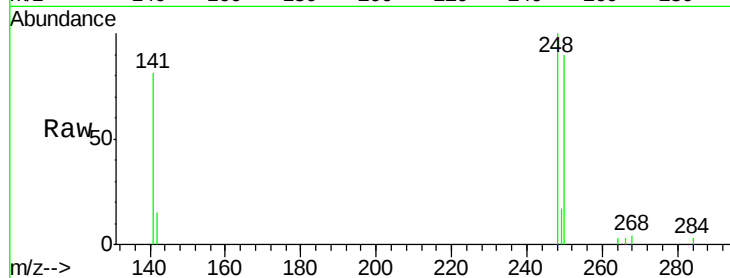
Tot Ion:248 Resp: 2249

Ion Ratio Lower Upper

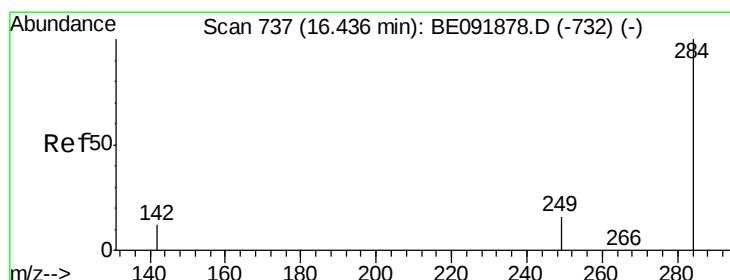
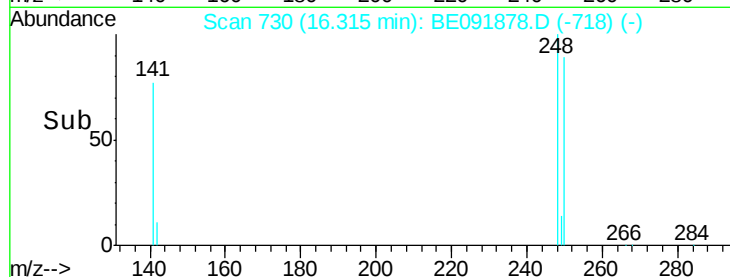
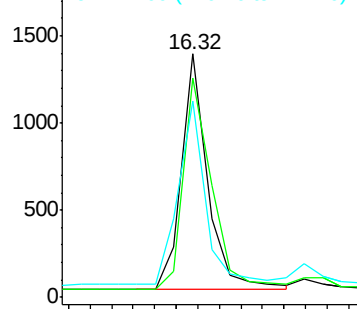
248 100

250 97.8 75.7 113.5

141 83.0 64.6 97.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#26

Hexachlorobenzene

Concen: 0.42 ng

RT: 16.44 min Scan# 737

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

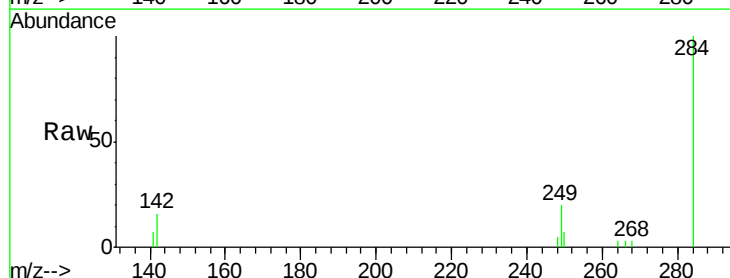
Tgt Ion:284 Resp: 2406

Ion Ratio Lower Upper

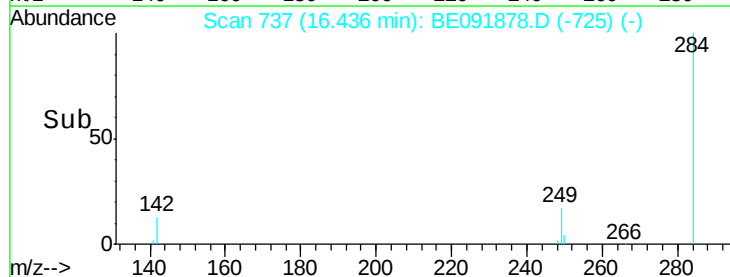
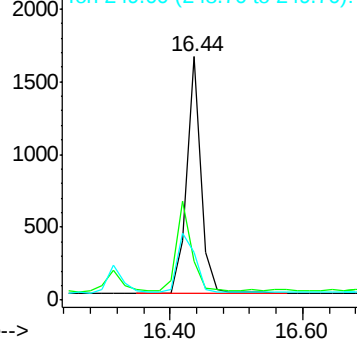
284 100

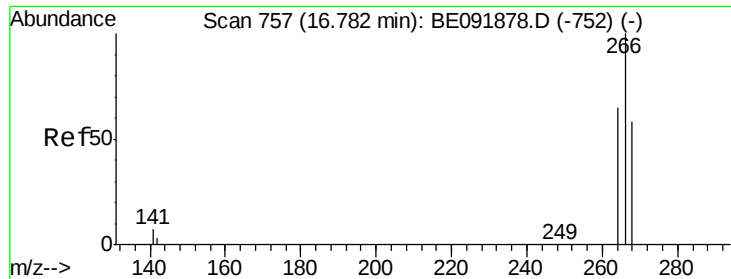
142 38.9 31.4 47.2

249 31.9 25.3 37.9



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

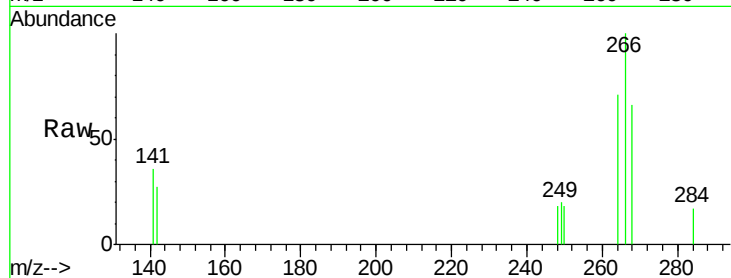




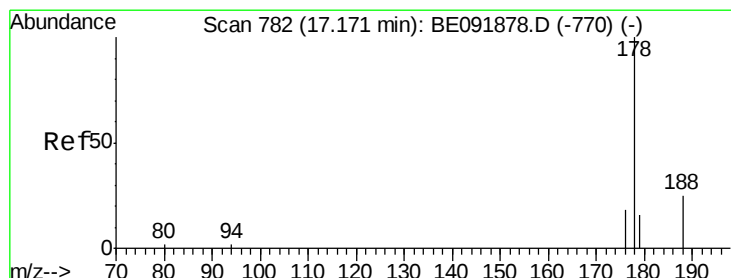
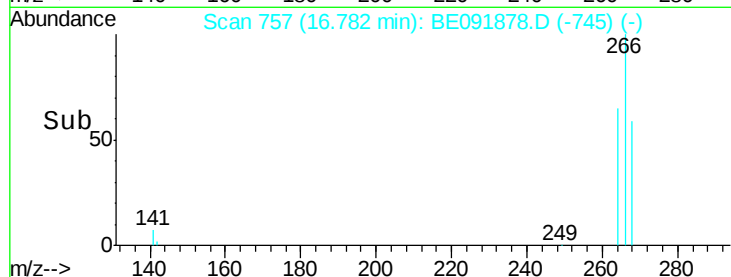
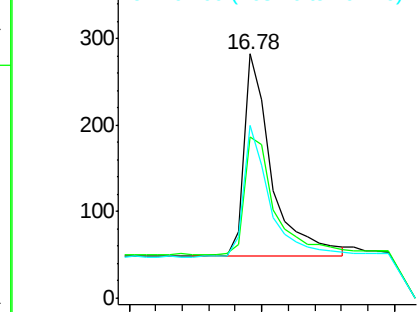
#27
 Pentachlorophenol
 Concen: 0.30 ng
 RT: 16.78 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BE091878.D
 Acq: 7 Jun 2016 11:31

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:266 Resp: 663
 Ion Ratio Lower Upper
 266 100
 268 66.0 60.5 90.7
 264 70.6 51.0 76.4

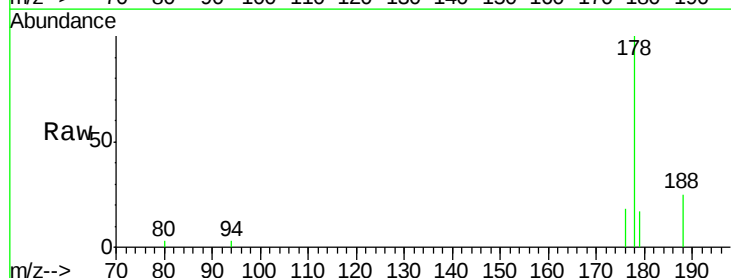


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

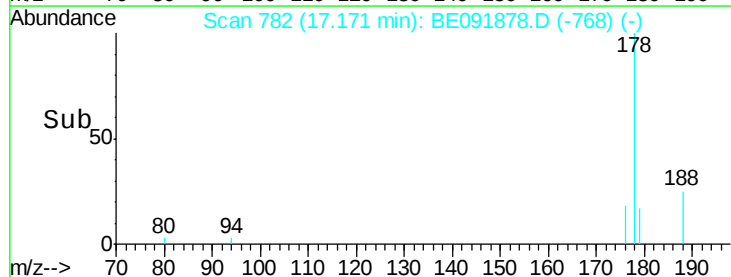
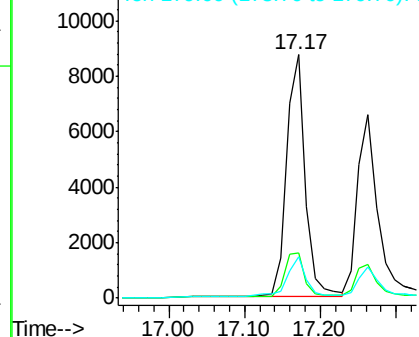


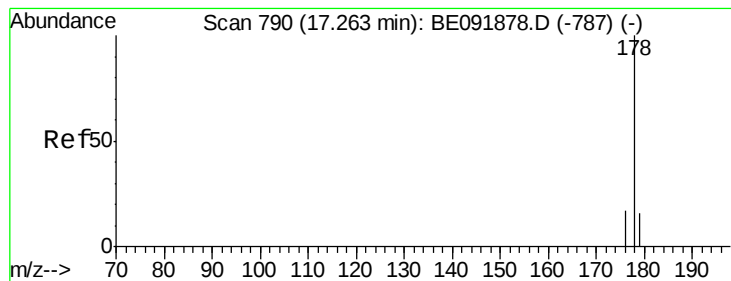
#28
 Phenanthrene
 Concen: 0.41 ng
 RT: 17.17 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BE091878.D
 Acq: 7 Jun 2016 11:31

Tgt Ion:178 Resp: 15060
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.9 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: 0.38 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

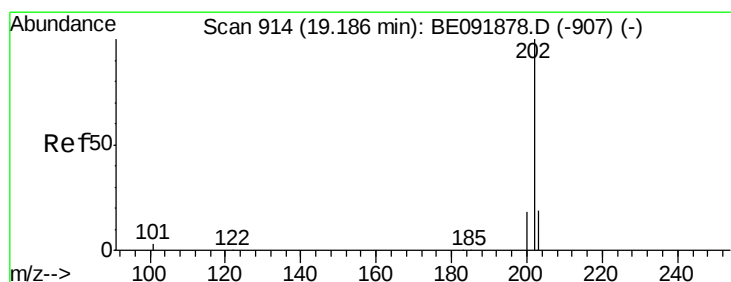
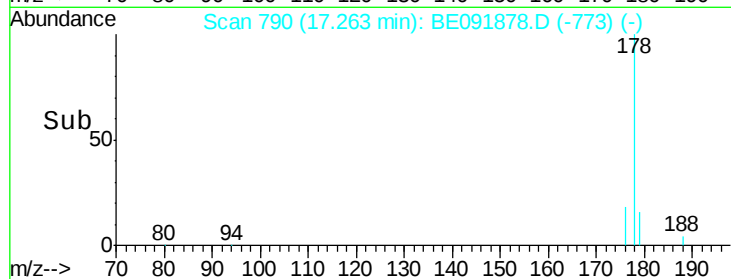
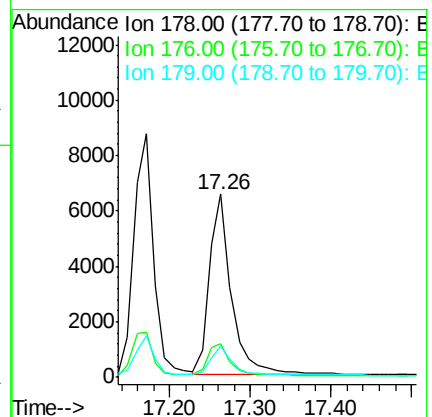
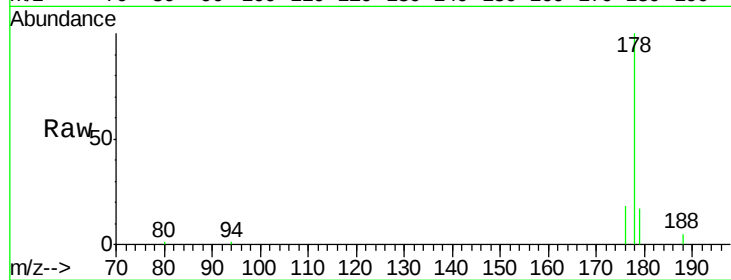
Tot Ion:178 Resp: 12524

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.3 12.1 18.1



#30

Fluoranthene

Concen: 0.37 ng

RT: 19.19 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

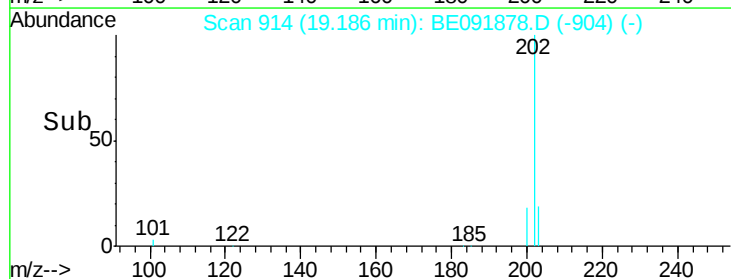
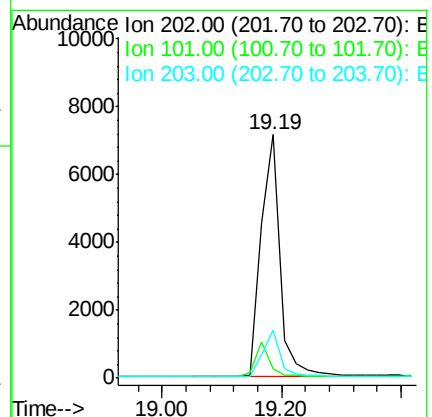
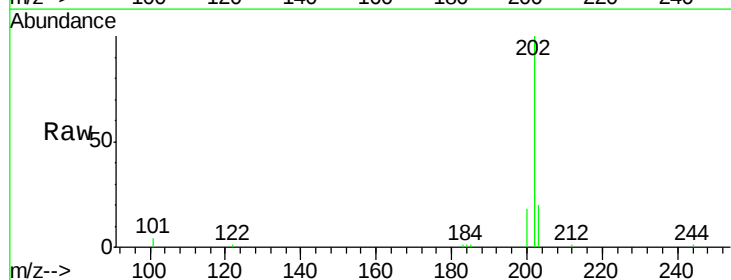
Tgt Ion:202 Resp: 15616

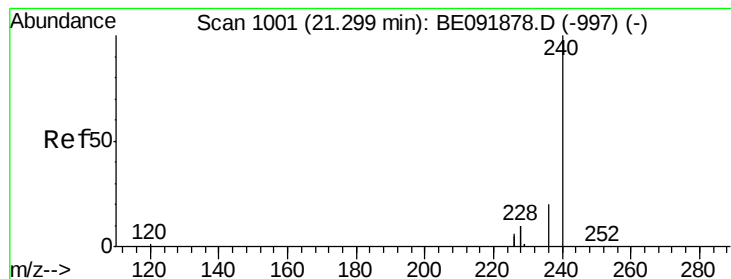
Ion Ratio Lower Upper

202 100

101 11.2 9.4 14.0

203 17.6 14.3 21.5





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.30 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

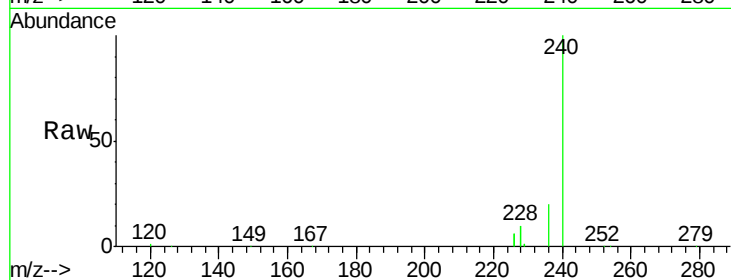
Tot Ion:240 Resp: 135552

Ion Ratio Lower Upper

240 100

120 1.0 1.2 1.8#

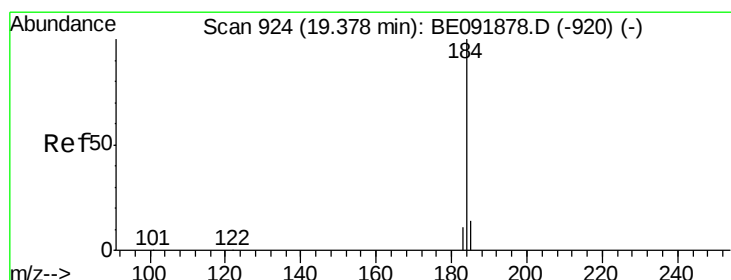
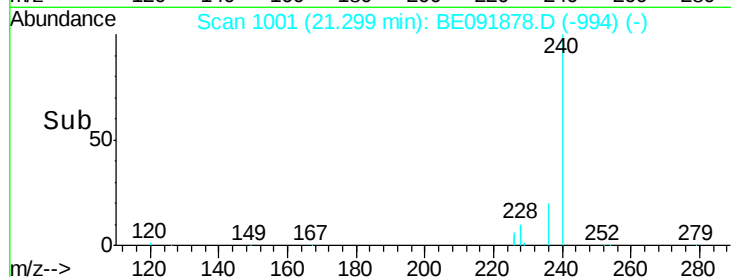
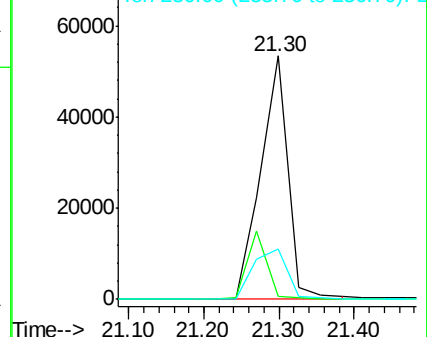
236 20.5 19.8 29.8



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: 0.30 ng

RT: 19.38 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

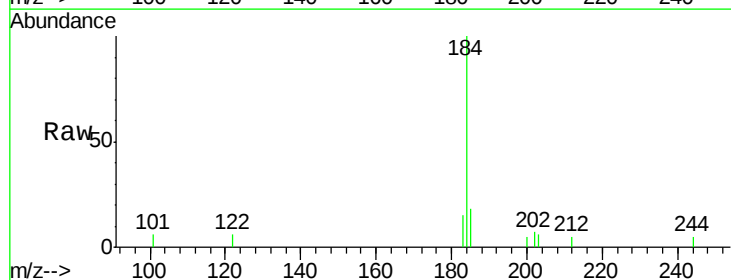
Tgt Ion:184 Resp: 3244

Ion Ratio Lower Upper

184 100

185 18.2 11.4 17.2#

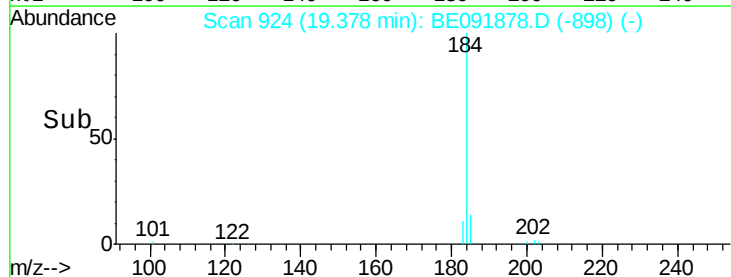
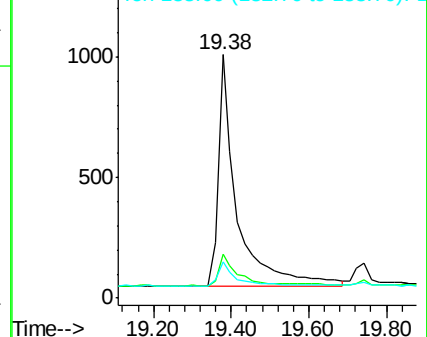
183 15.2 11.8 17.6

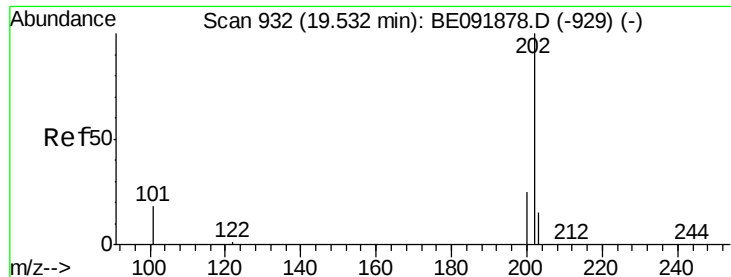


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

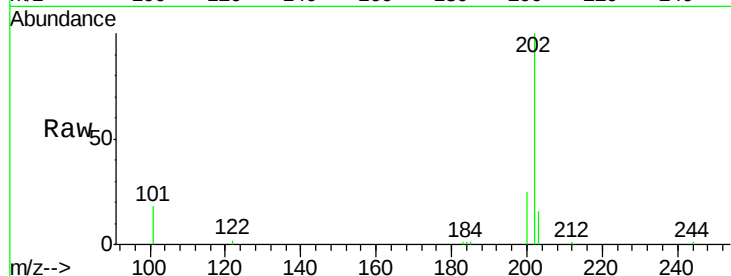




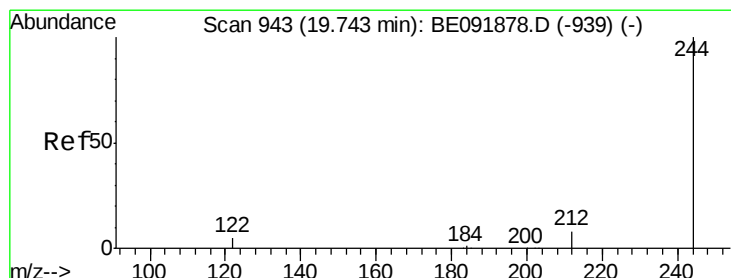
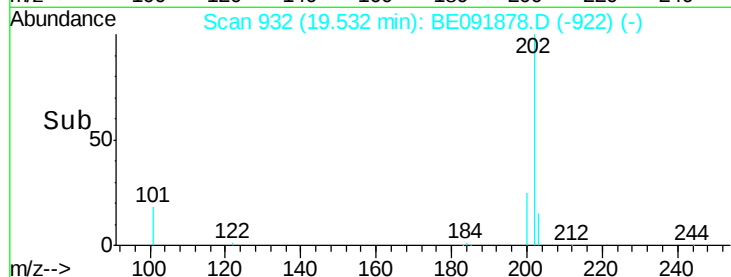
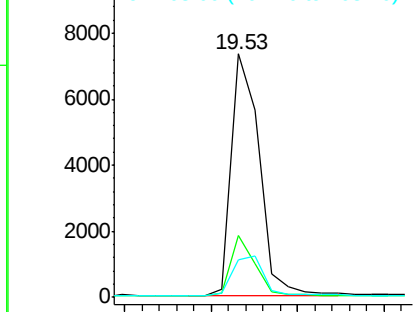
#33
Pvrene
Concen: 0.57 ng
RT: 19.53 min Scan# 932
Delta R.T. 0.00 min
Lab File: BE091878.D
Acq: 7 Jun 2016 11:31

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:202 Resp: 16377
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 18.2 14.1 21.1

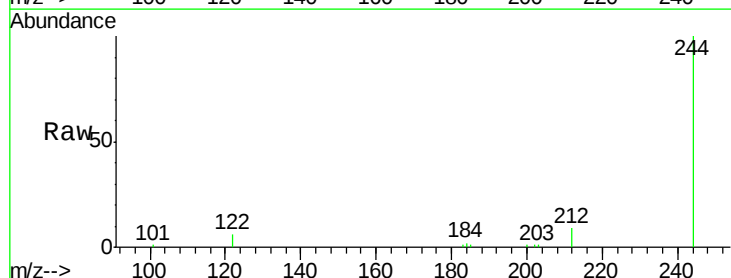


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

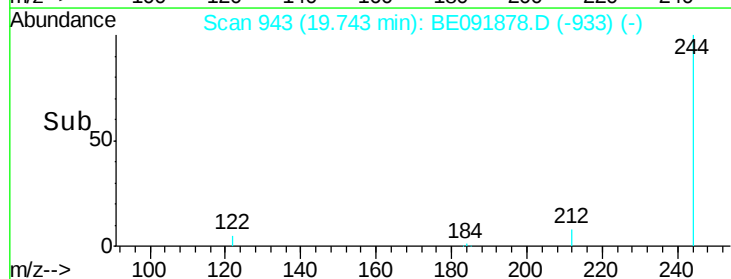
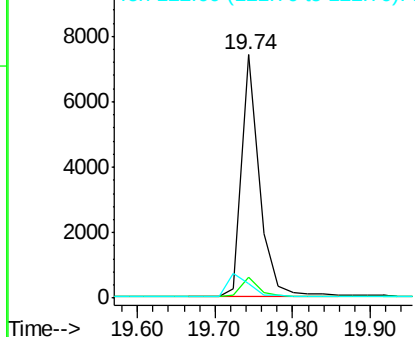


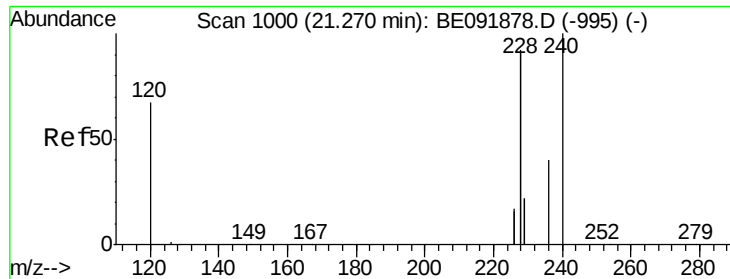
#34
Terphenyl-d14
Concen: 0.58 ng
RT: 19.74 min Scan# 943
Delta R.T. 0.00 min
Lab File: BE091878.D
Acq: 7 Jun 2016 11:31

Tgt Ion:244 Resp: 11793
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 6.0 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: 2.56 ng/mL

RT: 21.27 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

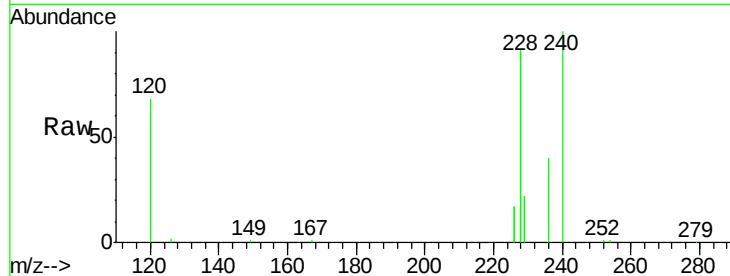
Tot Ion:228 Resp: 92386

Ion Ratio Lower Upper

228 100

226 18.6 21.0 31.4#

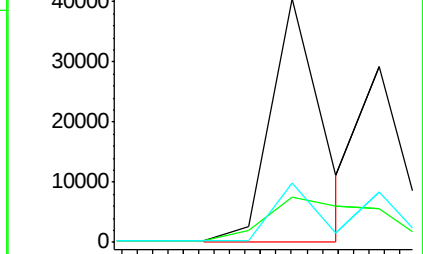
229 24.6 15.8 23.8#



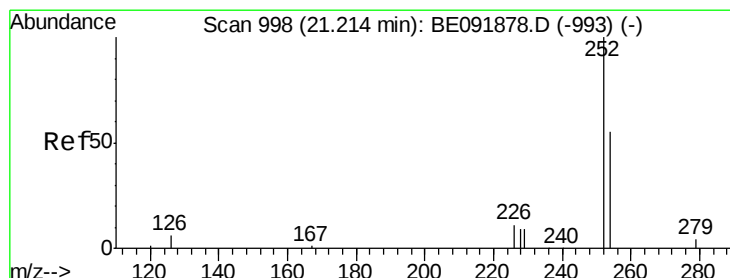
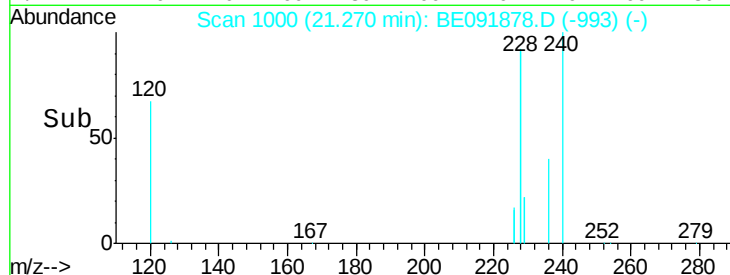
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#36

3,3'-Dichlorobenzidine

Concen: 0.17 ng/mL

RT: 21.21 min Scan# 998

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

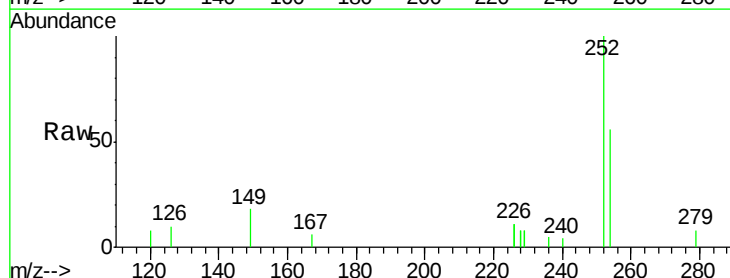
Tgt Ion:252 Resp: 3419

Ion Ratio Lower Upper

252 100

254 56.4 61.5 92.3#

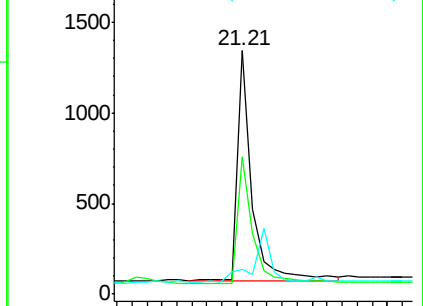
126 10.4 2.5 3.7#



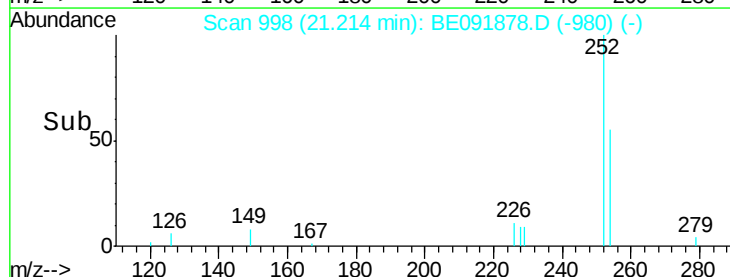
Abundance Ion 252.00 (251.70 to 252.70): E

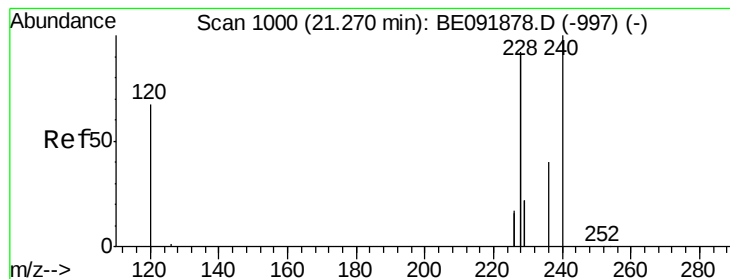
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#37

Chrysene

Concen: 1.69 ng/mL

RT: 21.33 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

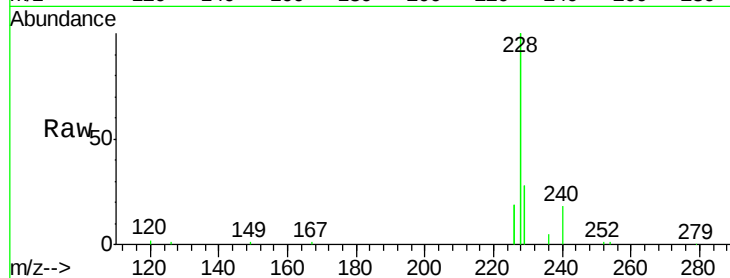
Tot Ion:228 Resp: 55982

Ion Ratio Lower Upper

228 100

226 19.2 27.0 40.6#

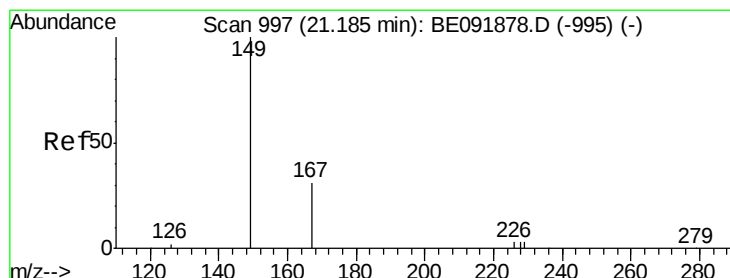
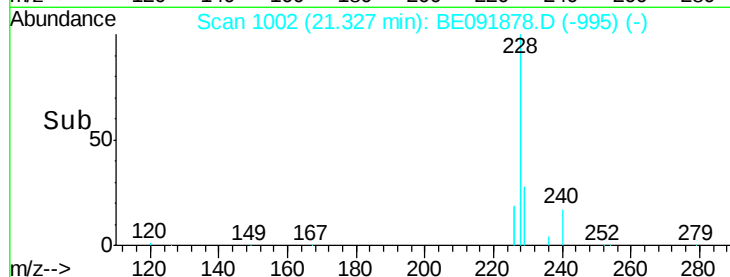
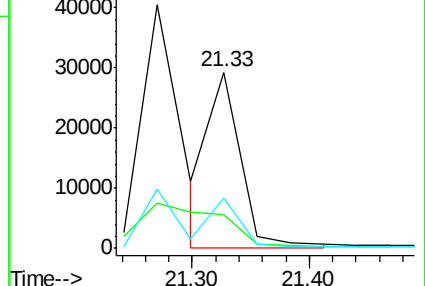
229 28.3 13.8 20.8#



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: 0.49 ng/mL

RT: 21.19 min Scan# 997

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

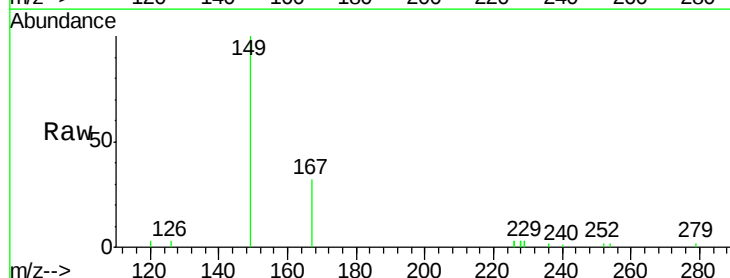
Tgt Ion:149 Resp: 6442

Ion Ratio Lower Upper

149 100

167 31.6 0.0 0.0#

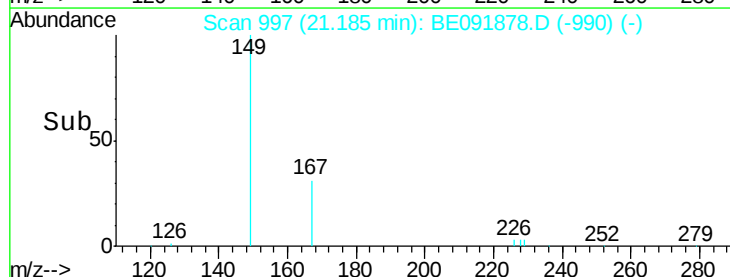
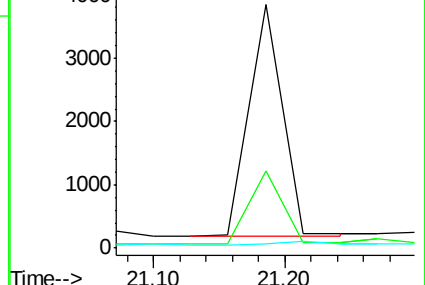
279 0.0 0.0 0.0

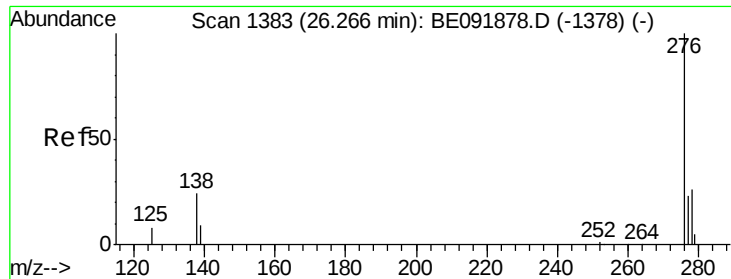


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.59 ng

RT: 26.27 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

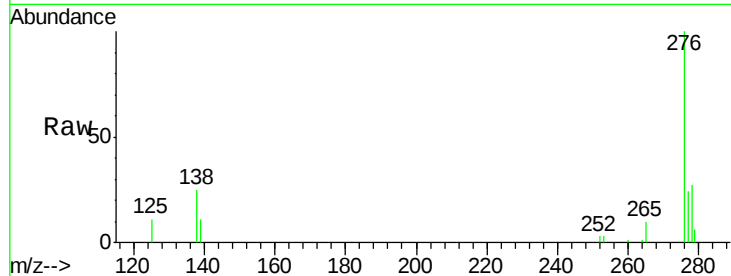
Tot Ion:276 Resp: 20043

Ion Ratio Lower Upper

276 100

138 24.9 19.7 29.5

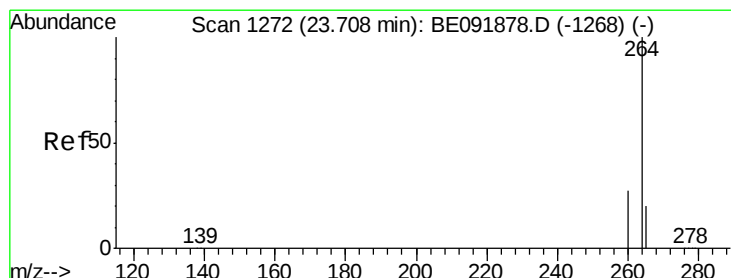
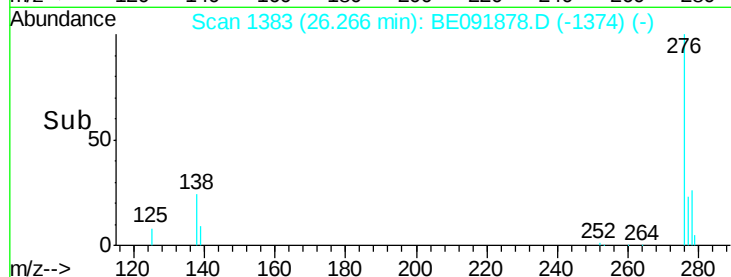
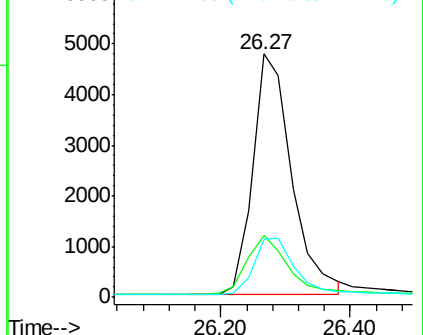
277 0.0 20.1 30.1#



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: 23.71 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

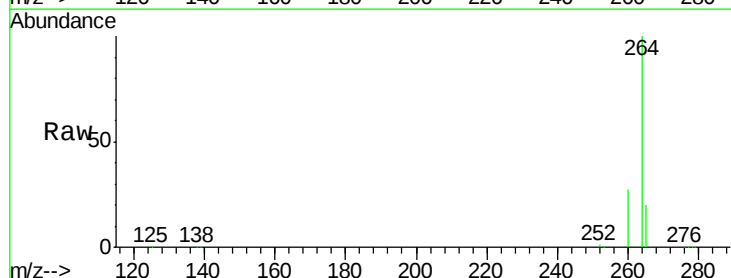
Tgt Ion:264 Resp: 196950

Ion Ratio Lower Upper

264 100

260 27.0 20.3 30.5

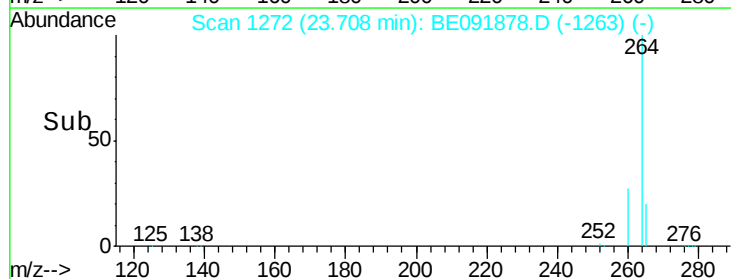
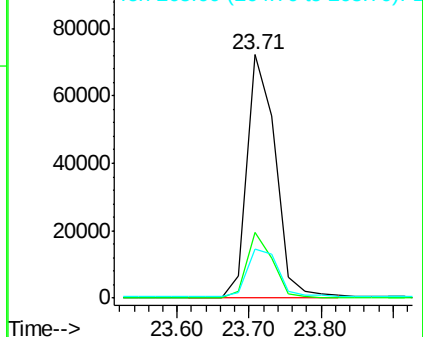
265 20.4 17.6 26.4

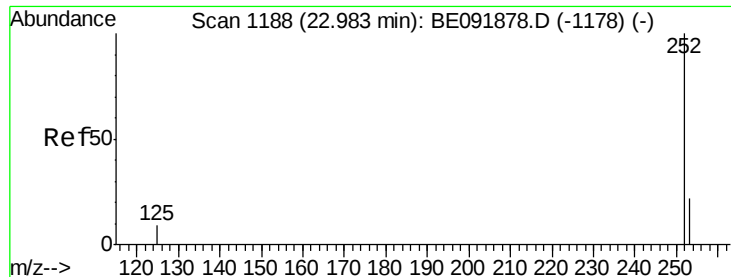


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 22.98 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

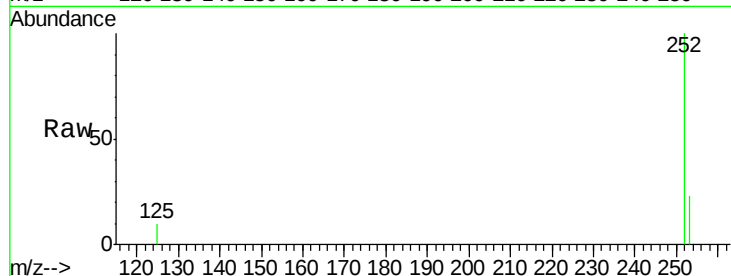
Tot Ion:252 Resp: 19454

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

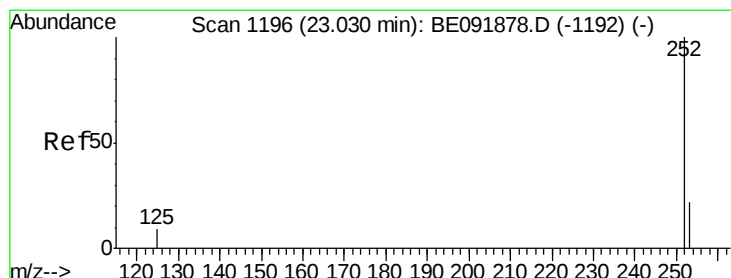
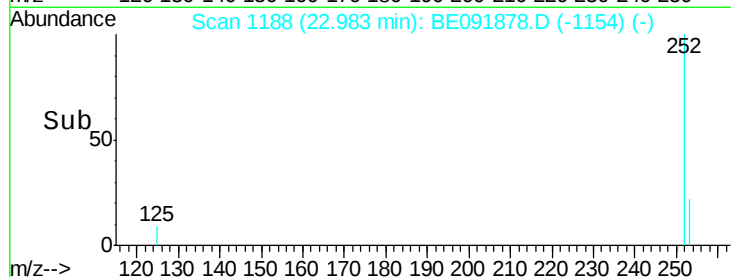
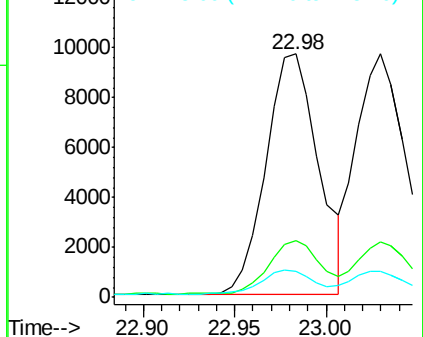
125 10.5 9.4 14.2



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: 0.41 ng

RT: 23.03 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

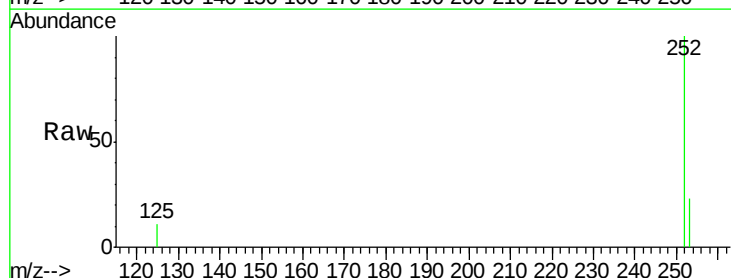
Tgt Ion:252 Resp: 19813

Ion Ratio Lower Upper

252 100

253 22.9 19.4 29.2

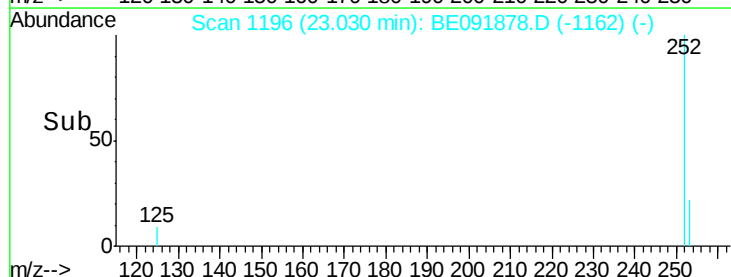
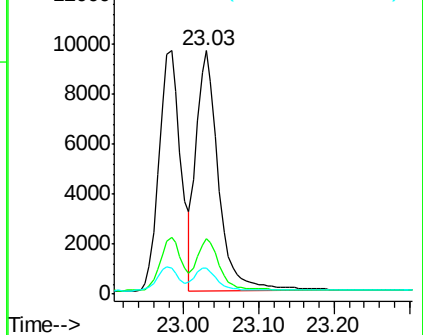
125 10.6 8.3 12.5

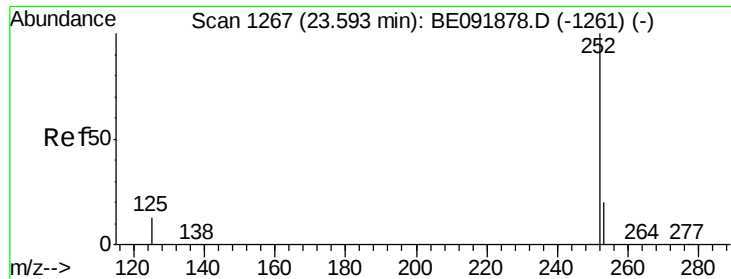


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.59 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

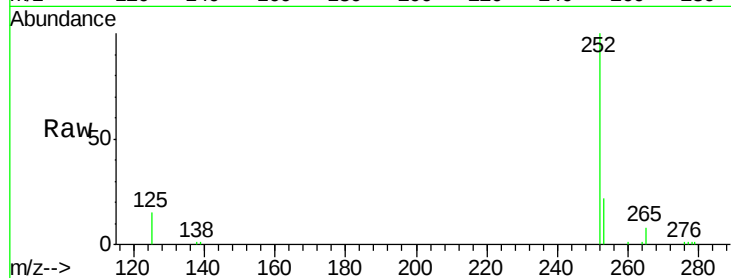
Tot Ion:252 Resp: 17507

Ion Ratio Lower Upper

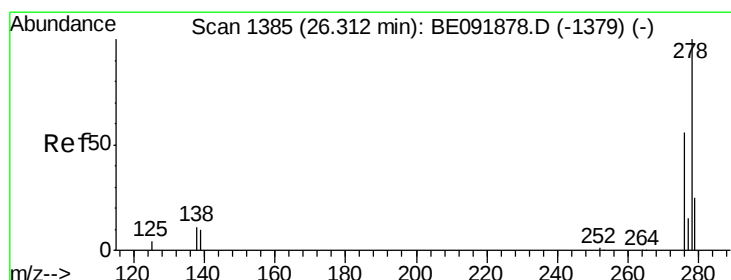
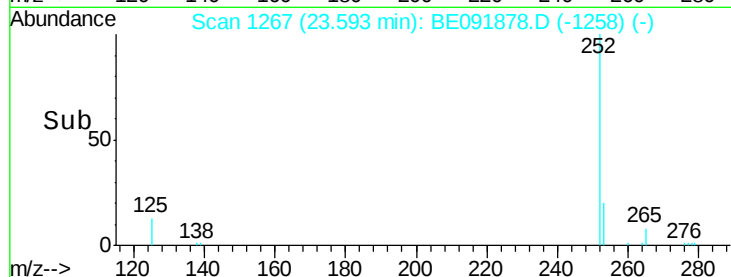
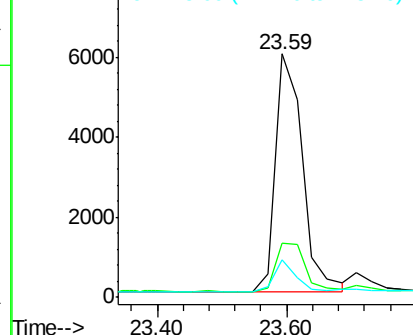
252 100

253 22.3 18.9 28.3

125 15.5 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: 0.36 ng

RT: 26.31 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE091878.D

Acq: 7 Jun 2016 11:31

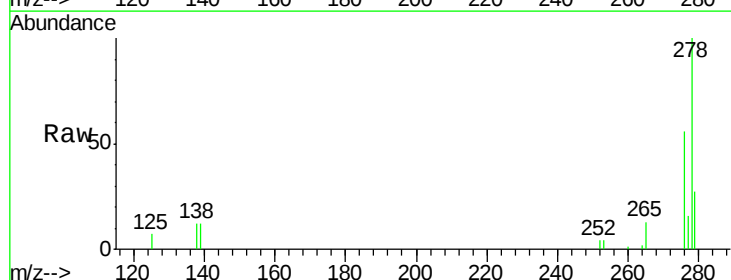
Tgt Ion:278 Resp: 16493

Ion Ratio Lower Upper

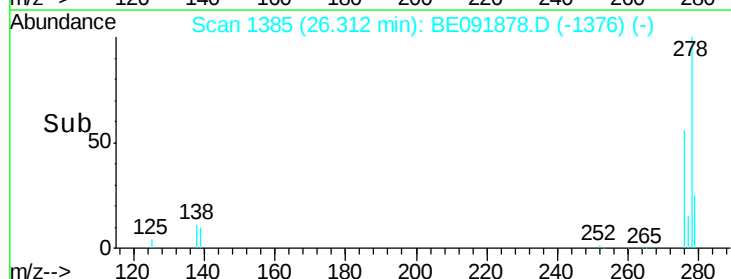
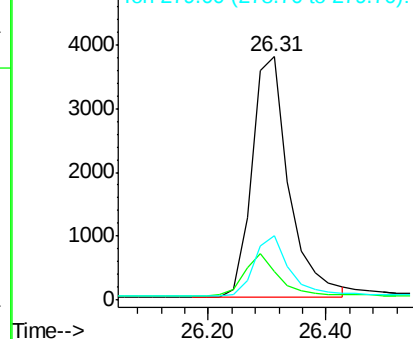
278 100

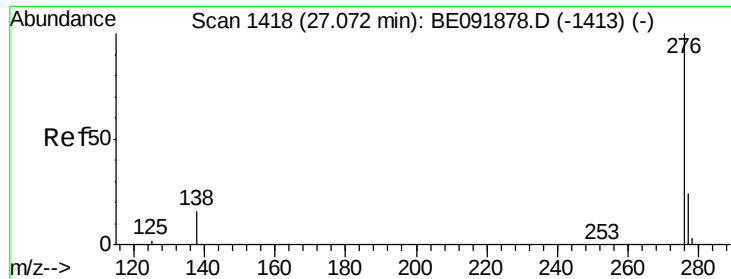
139 12.0 12.6 18.8#

279 26.7 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

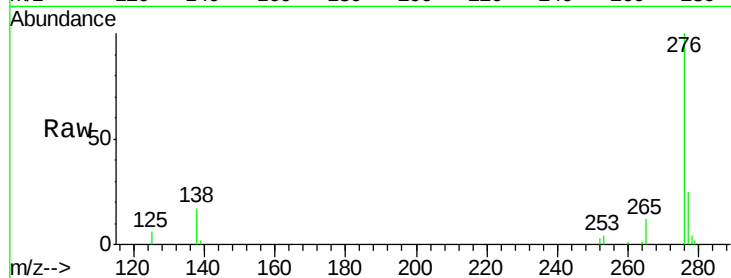




#45
 Benzo(a,h,i)perylene
 Concen: 0.38 ng
 RT: 27.07 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BE091878.D
 Acq: 7 Jun 2016 11:31

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion: 276 Resp: 17890
 Ion Ratio Lower Upper
 276 100
 277 25.3 19.5 29.3
 138 17.3 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

