

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052516\
 Data File : BE091869.D
 Acq On : 25 May 2016 21:44
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 26 01:37:51 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 19:42:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	27470	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	137667	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	87157	5.00	ng	0.00
24) Phenanthrene-d10	17.13	188	253525	5.00	ng	-0.01
31) Chrysene-d12	21.29	240	268009	5.00	ng	0.00
40) Perylene-d12	23.71	264	241295	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2807	0.36	ng	0.00
5) Phenol-d6	6.95	99	3810	0.37	ng	0.00
9) Nitrobenzene-d5	8.94	82	3996	0.36	ng	0.00
16) 2,4,6-Tribromophenol	15.89	330	1238	0.32	ng	0.00
17) 2-Fluorobiphenyl	13.03	172	10006	0.39	ng	0.00
34) Terphenyl-d14	19.74	244	16629	0.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	1425	0.42	ng	98
3) n-Nitrosodimethylamine	3.63	42	1719	0.34	ng	# 99
6) bis(2-Chloroethyl)ether	7.20	93	3206	0.37	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	2827	0.35	ng	# 95
10) Nitrobenzene	8.96	77	3957	0.36	ng	# 99
11) bis(2-Chloroethoxy)methane	9.98	93	5586	0.43	ng	# 62
12) Naphthalene	10.61	128	11513	0.39	ng	99
13) Hexachlorobutadiene	10.90	225	1739	0.38	ng	100
14) 2-Methylnaphthalene	12.22	142	7713	0.39	ng	96
18) Acenaphthylene	14.10	152	15809	0.39	ng	97
19) 2,6-Dinitrotoluene	13.96	165	1930	0.32	ng	99
20) Acenaphthene	14.44	154	9025	0.40	ng	100
21) 2,4-Dinitrotoluene	14.76	165	1995	0.44	ng	# 99
22) Fluorene	15.44	166	11566	0.38	ng	100
23) 4-Chlorophenyl-phenylether	15.44	204	5647	0.34	ng	98
25) 4-Bromophenyl-phenylether	16.31	248	3481	0.38	ng	98
26) Hexachlorobenzene	16.44	284	3512	0.41	ng	99
27) Pentachlorophenol	16.78	266	1201	0.36	ng	87
28) Phenanthrene	17.17	178	20841	0.37	ng	99
29) Anthracene	17.26	178	19273	0.38	ng	99
30) Fluoranthene	19.17	202	22601	0.33	ng	99
32) Benzidine	19.36	184	8450	0.45	ng	98
33) Pyrene	19.53	202	24505	0.43	ng	99
35) Benzo(a)anthracene	21.27	228	53008	0.74	ng	98
36) 3,3'-Dichlorobenzidine	21.22	252	15012	0.38	ng	99
37) Chrysene	21.27	228	53139	0.87	ng	# 88
38) Bis(2-ethylhexyl)phthalate	21.17	149	10323	0.40	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	26163	0.39	ng	99
41) Benzo(b)fluoranthene	22.96	252	23073	0.35	ng	100
42) Benzo(k)fluoranthene	23.01	252	24357	0.41	ng	95
43) Benzo(a)pyrene	23.60	252	22361	0.38	ng	99
44) Dibenzo(a,h)anthracene	26.28	278	21556	0.38	ng	99
45) Benzo(g,h,i)perylene	27.05	276	22080	0.38	ng	99

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052516\
Data File : BE091869.D
Acq On : 25 May 2016 21:44
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 26 01:37:51 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 19:42:30 2016
Response via : Initial Calibration

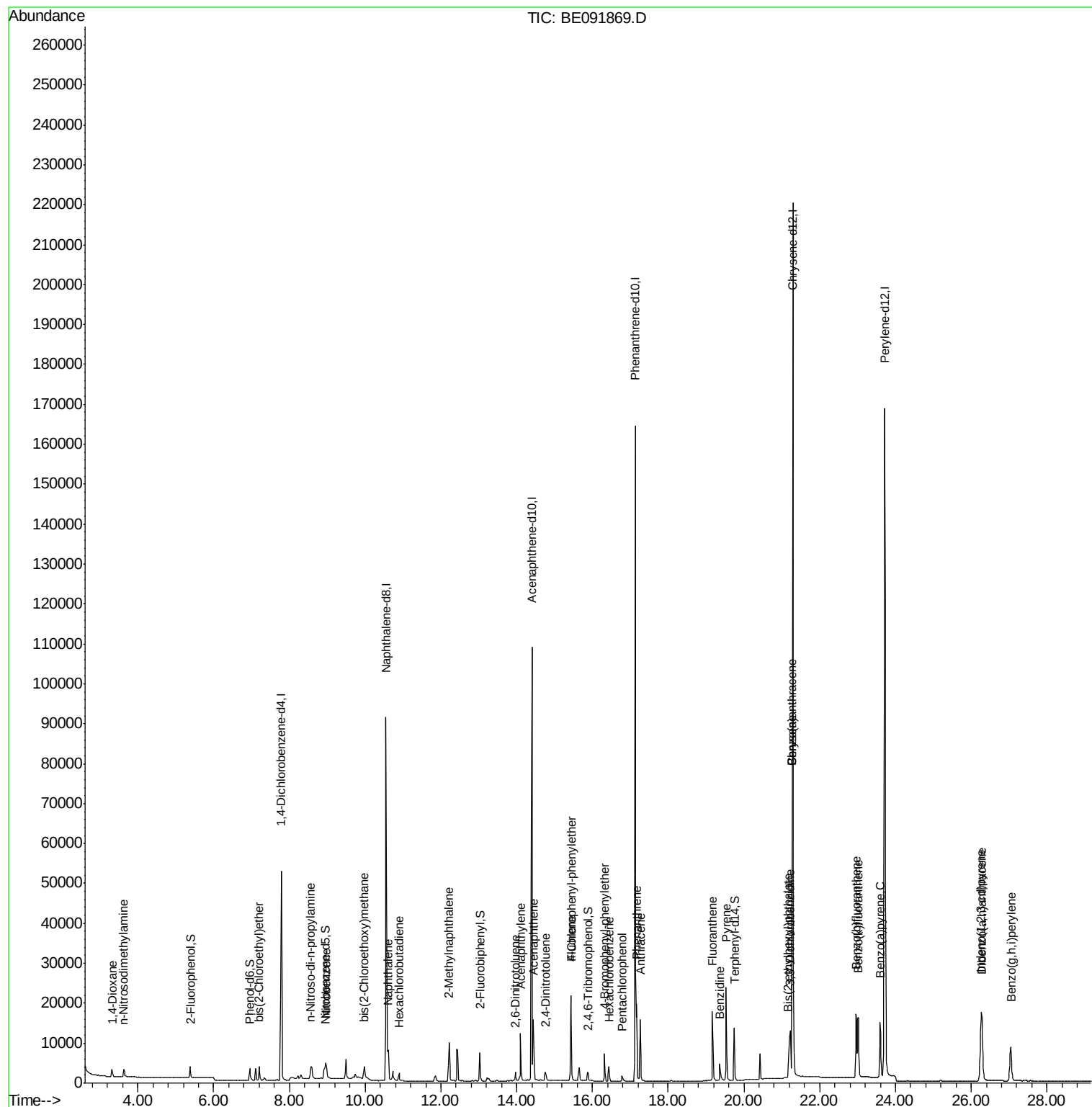
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

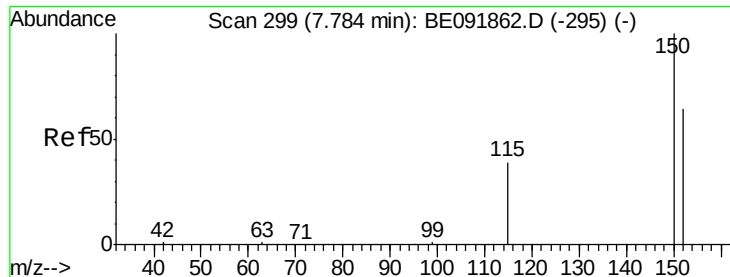
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052516\
Data File : BE091869.D
Acq On : 25 May 2016 21:44
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 26 01:37:51 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 19:42:30 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

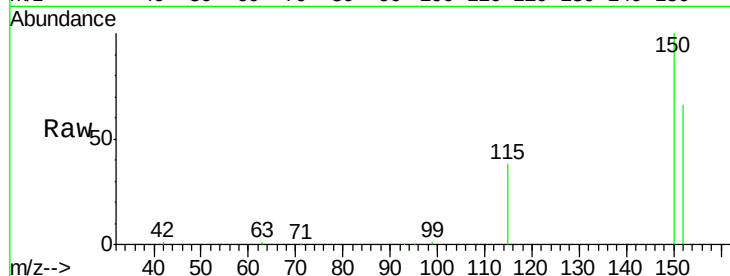
Tgt Ion:152 Resp: 27470

Ion Ratio Lower Upper

152 100

150 150.9 123.9 185.9

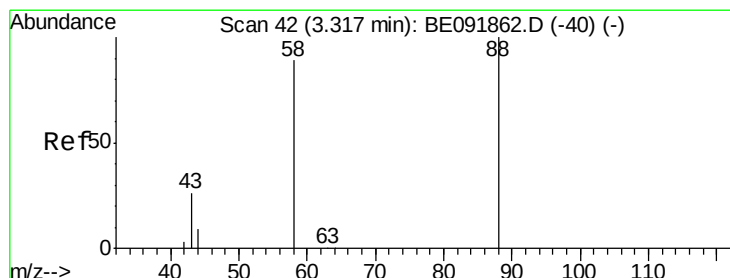
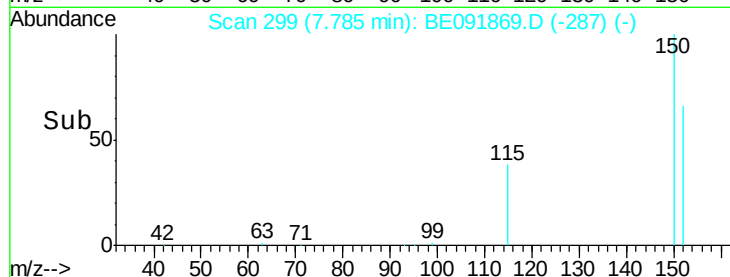
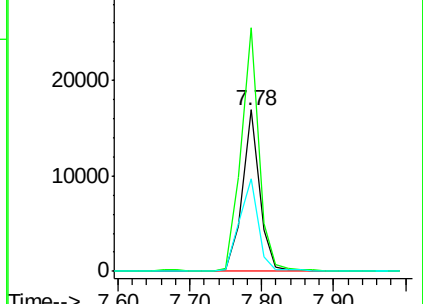
115 57.2 48.3 72.5



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: 0.42 ng

RT: 3.31 min Scan# 42

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

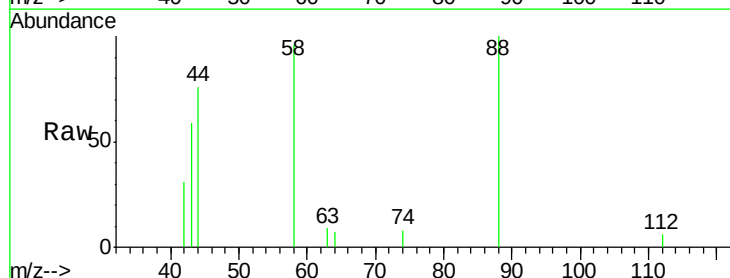
Tgt Ion: 88 Resp: 1425

Ion Ratio Lower Upper

88 100

58 77.5 63.0 94.4

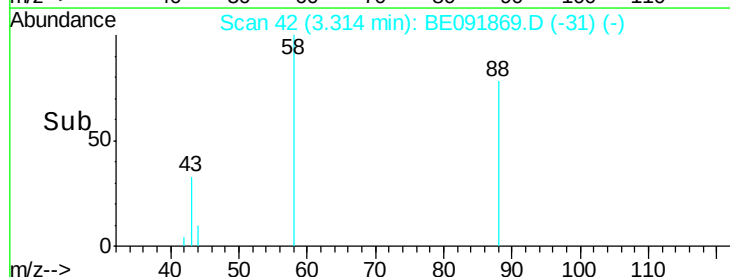
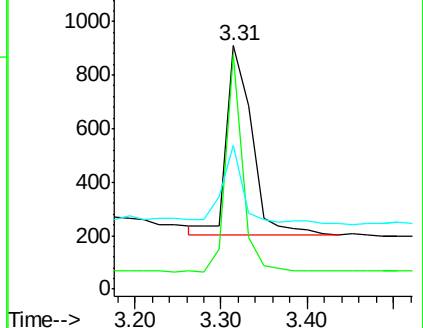
43 38.9 29.1 43.7

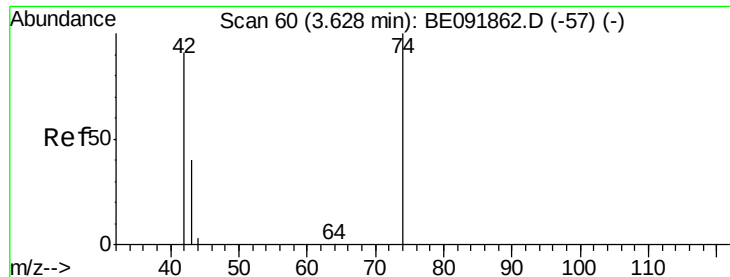


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.34 ng

RT: 3.63 min Scan# 60

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

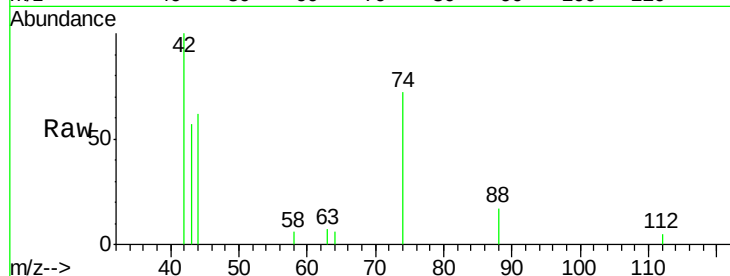
Tgt Ion: 42 Resp: 1719

Ion Ratio Lower Upper

42 100

74 117.5 93.4 140.0

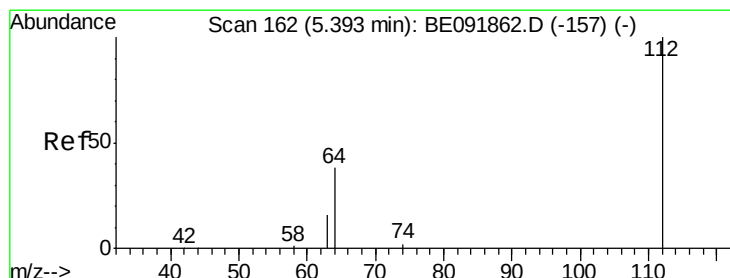
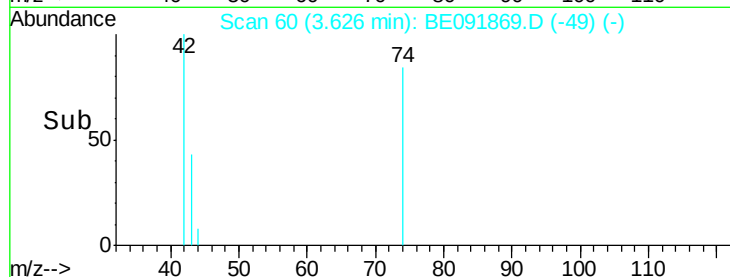
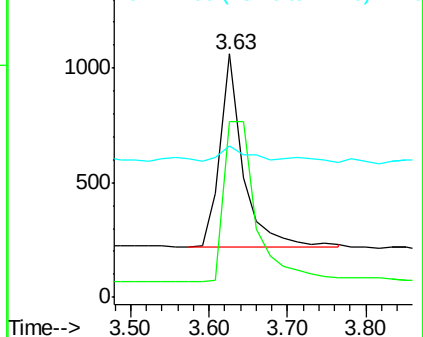
44 9.5 5.0 7.6#



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: 0.36 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

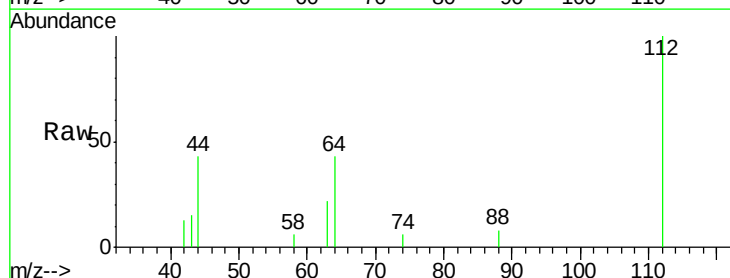
Tgt Ion: 112 Resp: 2807

Ion Ratio Lower Upper

112 100

64 67.2 53.7 80.5

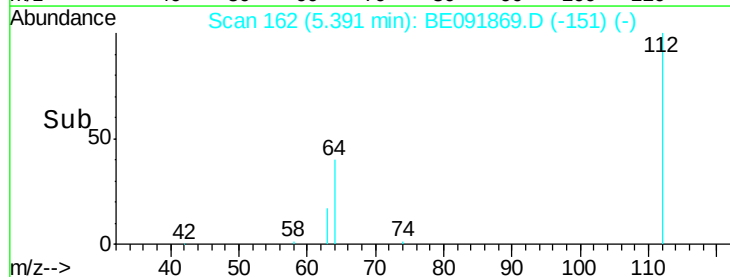
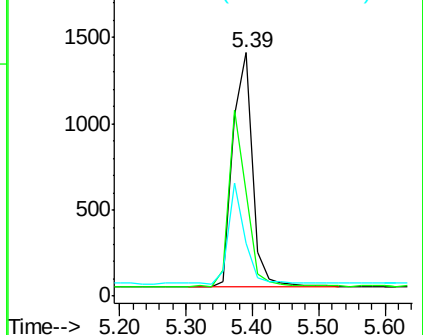
63 36.6 29.5 44.3

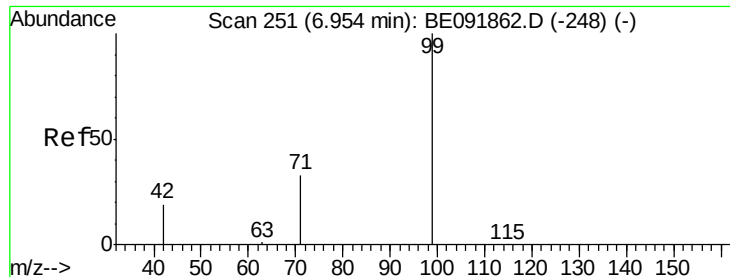


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.37 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

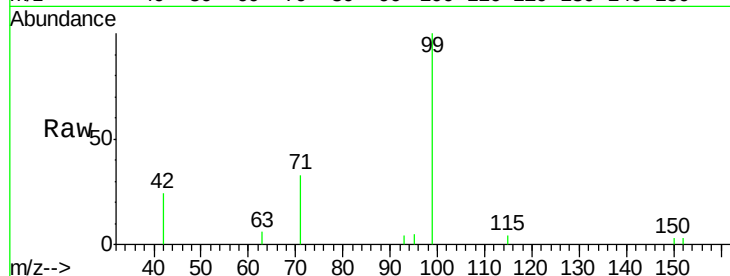
Tgt Ion: 99 Resp: 3810

Ion Ratio Lower Upper

99 100

42 24.8 19.6 29.4

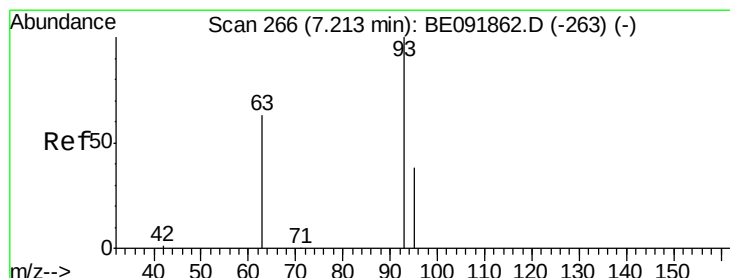
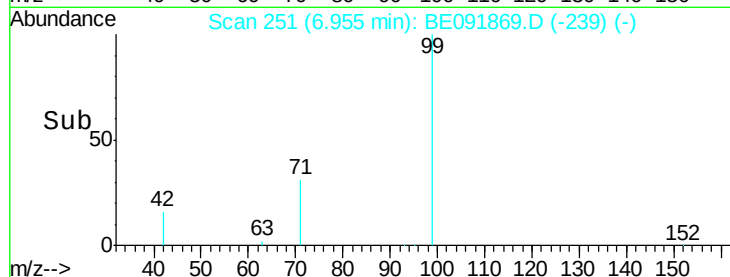
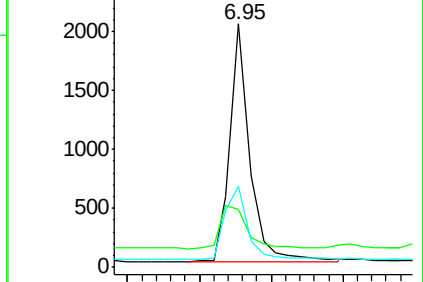
71 36.4 28.1 42.1



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: 0.37 ng

RT: 7.20 min Scan# 265

Delta R.T. -0.02 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

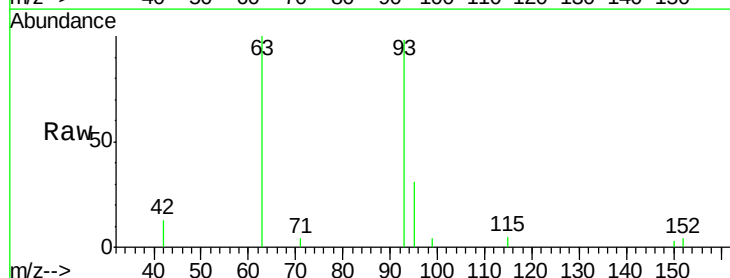
Tgt Ion: 93 Resp: 3206

Ion Ratio Lower Upper

93 100

63 84.3 66.2 99.4

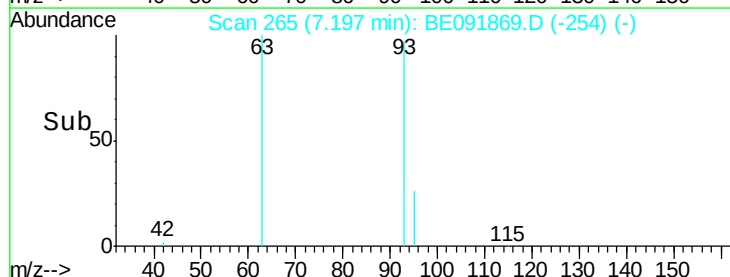
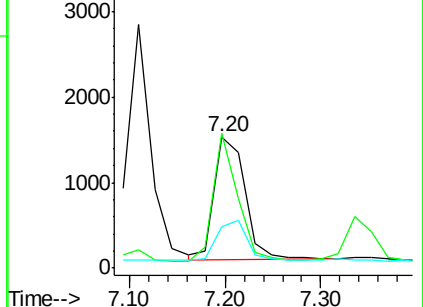
95 32.0 25.5 38.3

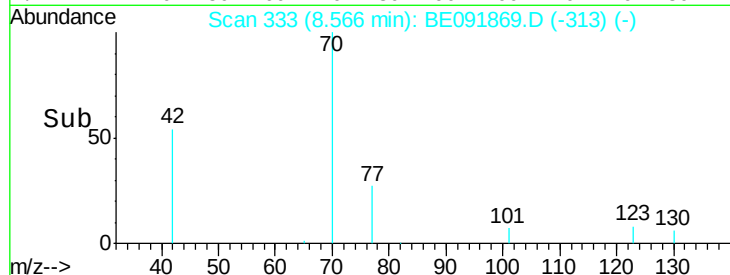
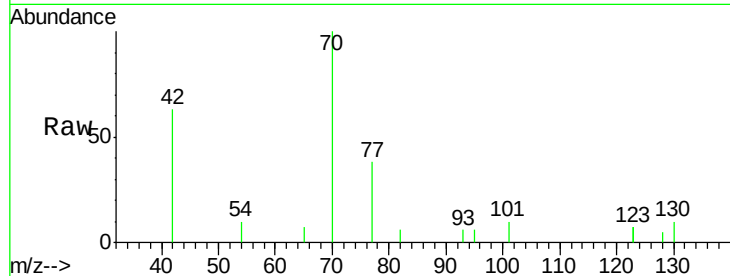
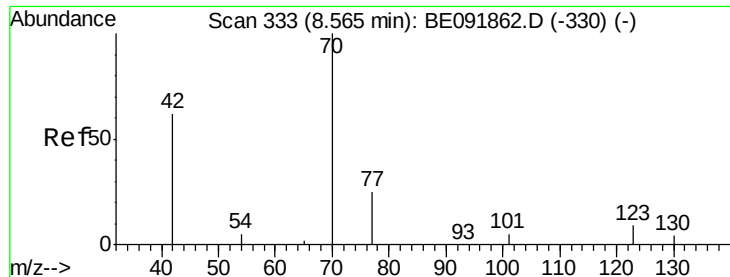


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 0.35 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 70 Resp: 2827

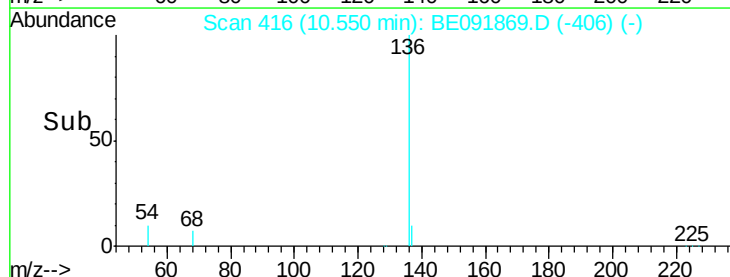
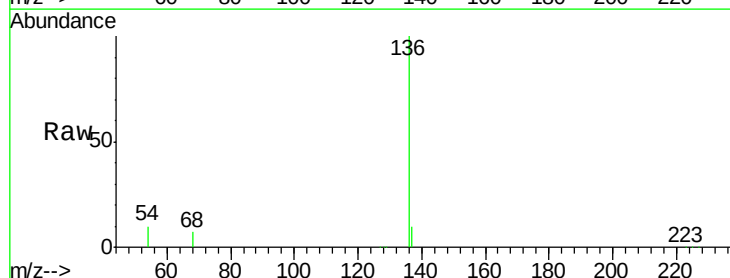
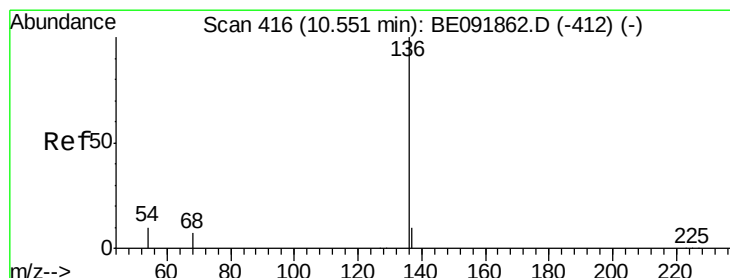
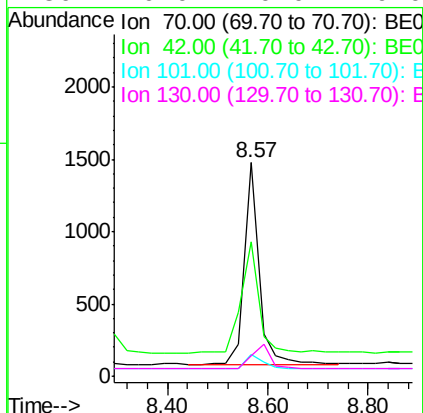
Ion Ratio Lower Upper

70 100

42 68.5 58.4 87.6

101 8.6 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: BE091869.D

Acq: 25 May 2016 21:44

Tgt Ion: 136 Resp: 137667

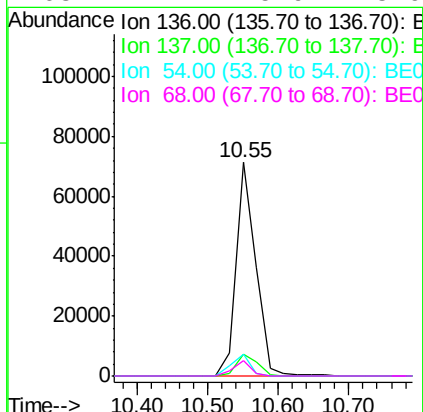
Ion Ratio Lower Upper

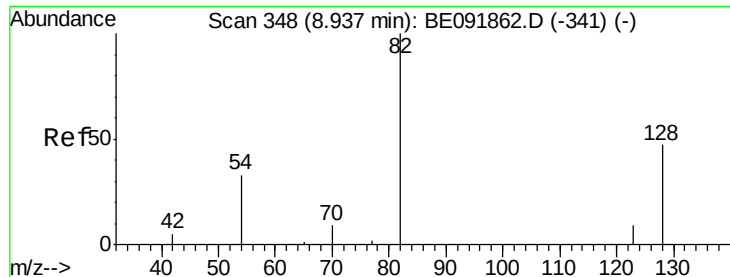
136 100

137 10.3 8.3 12.5

54 10.3 8.2 12.4

68 7.4 5.9 8.9





#9

Nitrobenzene-d5

Concen: 0.36 ng

RT: 8.94 min Scan# 348

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

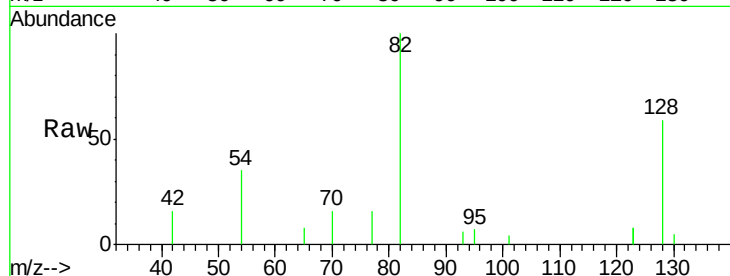
Tgt Ion: 82 Resp: 3996

Ion Ratio Lower Upper

82 100

128 59.5 39.5 59.3#

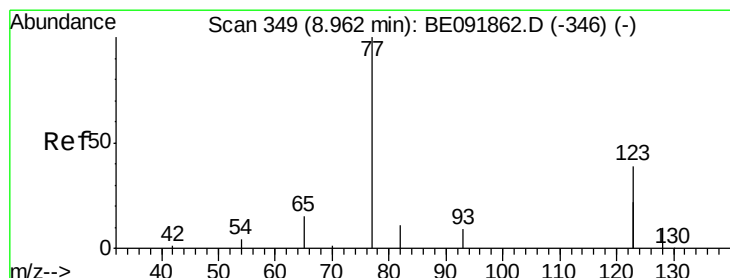
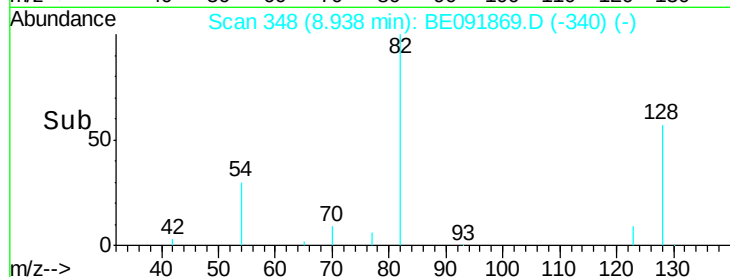
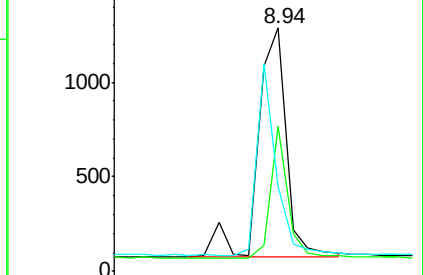
54 34.8 30.3 45.5



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: 0.36 ng

RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

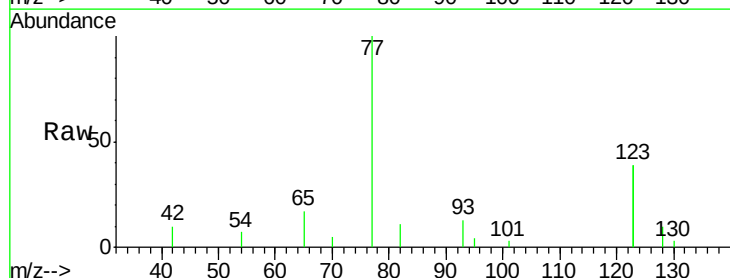
Tgt Ion: 77 Resp: 3957

Ion Ratio Lower Upper

77 100

123 0.0 0.0 0.0

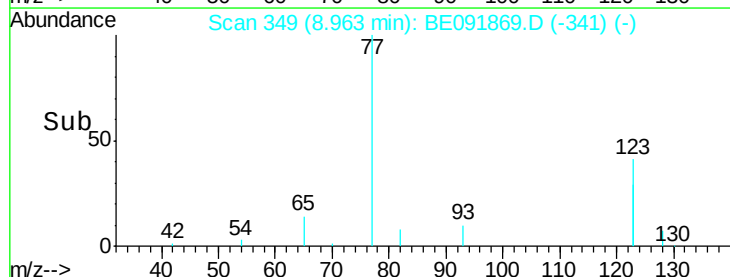
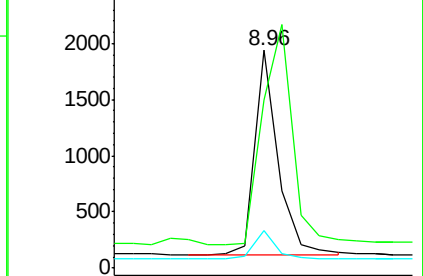
65 13.3 11.1 16.7

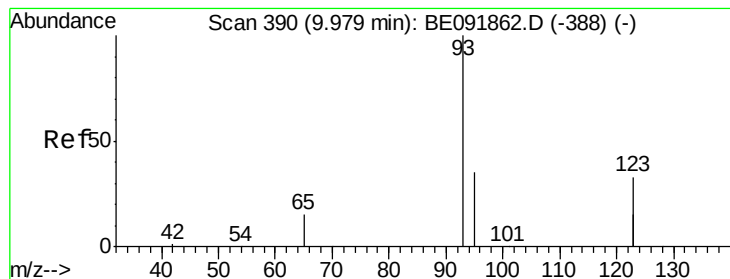


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#11

bis(2-Chloroethoxy)methane

Concen: 0.43 ng

RT: 9.98 min Scan# 390

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

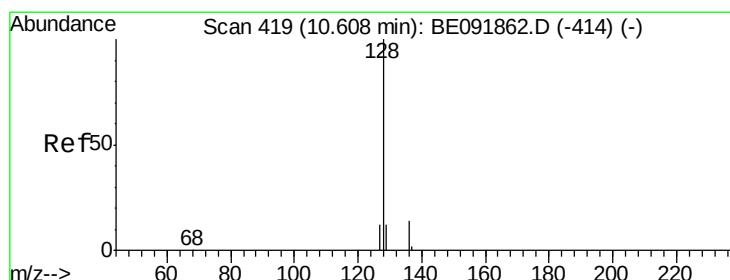
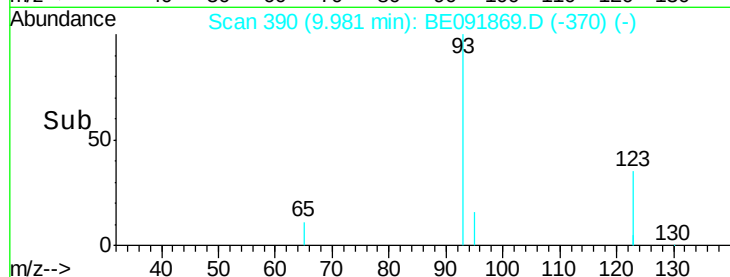
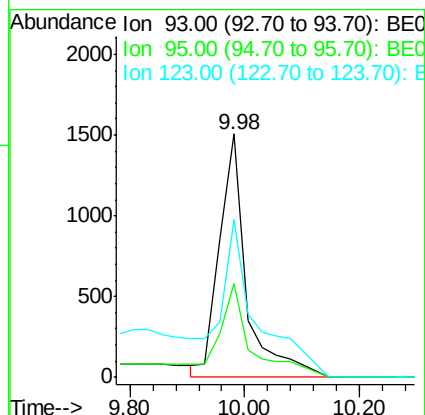
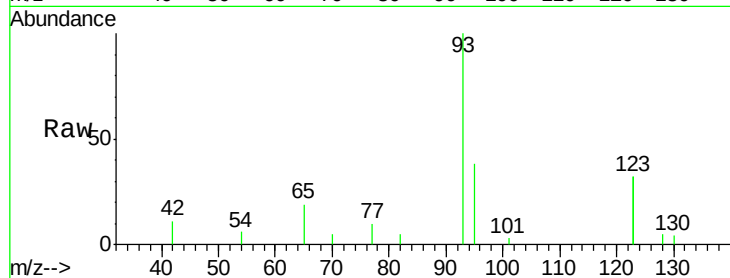
Tgt Ion: 93 Resp: 5586

Ion Ratio Lower Upper

93 100

95 45.7 57.6 86.4#

123 78.2 100.2 150.4#



#12

Naphthalene

Concen: 0.39 ng

RT: 10.61 min Scan# 419

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

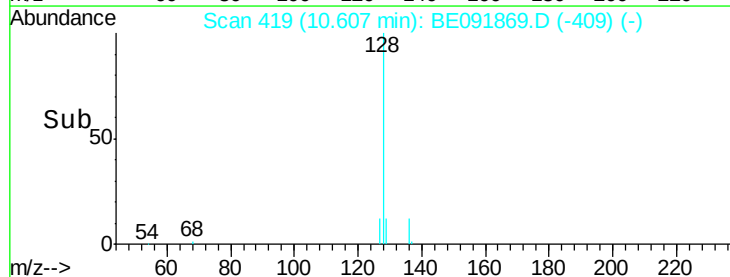
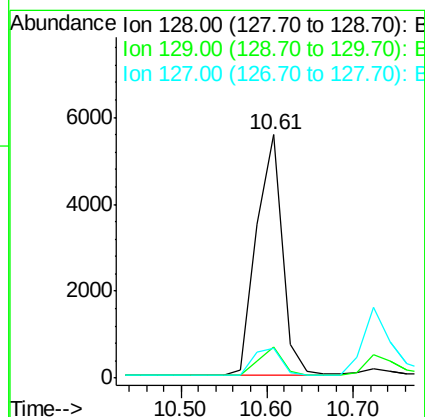
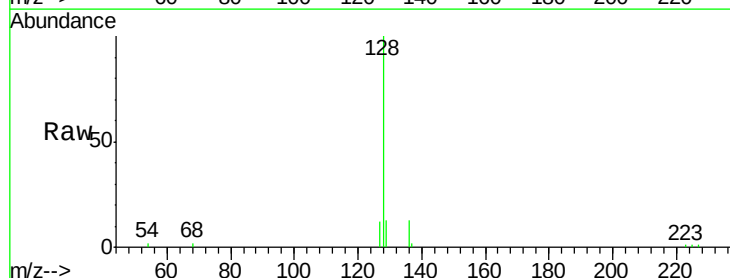
Tgt Ion: 128 Resp: 11513

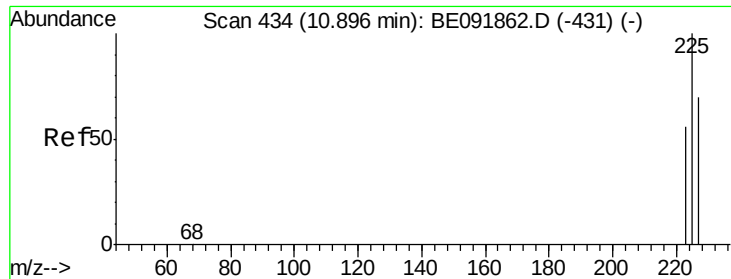
Ion Ratio Lower Upper

128 100

129 12.6 10.4 15.6

127 12.4 10.2 15.2

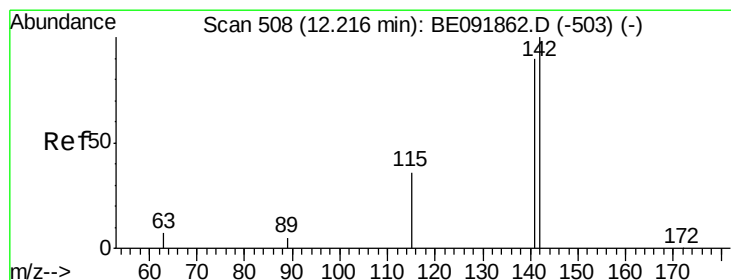
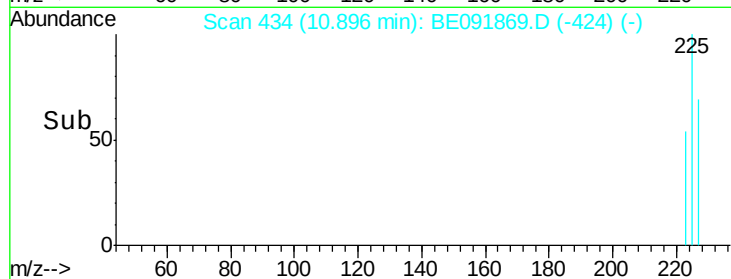
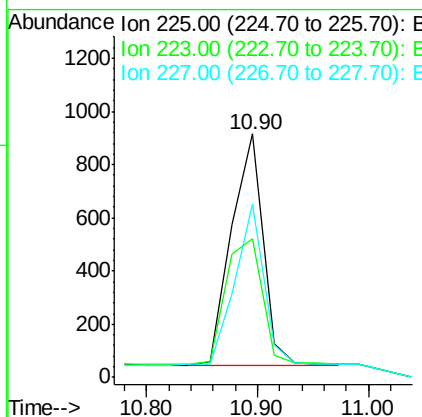
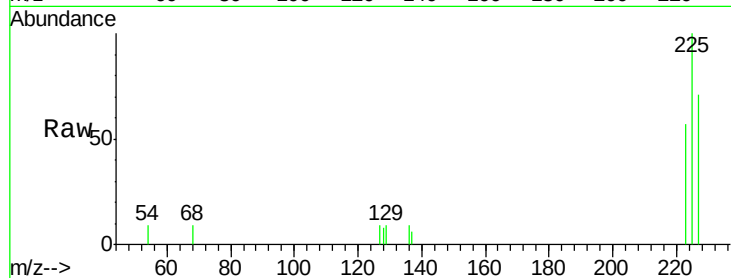




#13
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.90 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

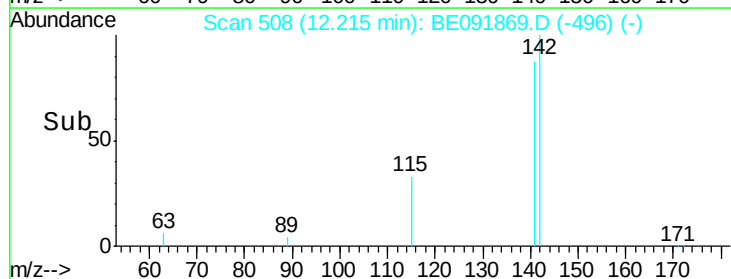
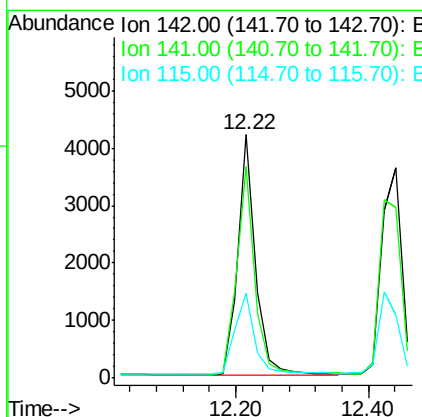
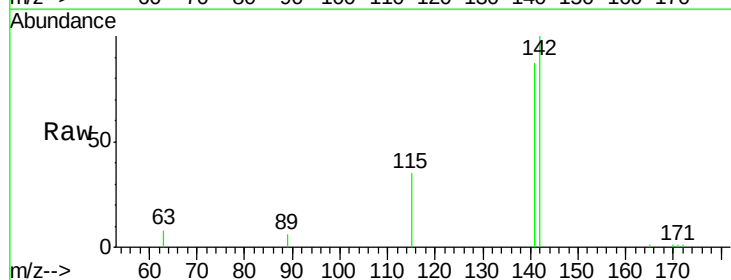
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

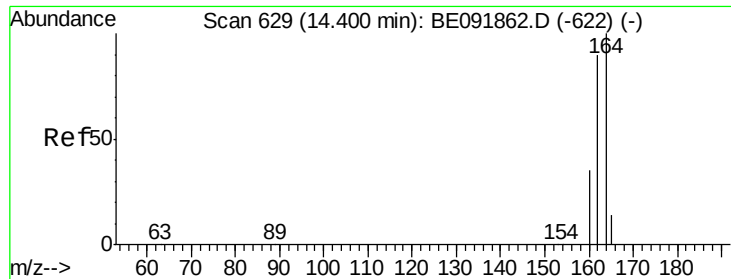
Tgt Ion: 225 Resp: 1739
Ion Ratio Lower Upper
225 100
223 62.4 49.8 74.8
227 63.7 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.22 min Scan# 508
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion: 142 Resp: 7713
Ion Ratio Lower Upper
142 100
141 86.9 71.9 107.9
115 34.7 29.9 44.9

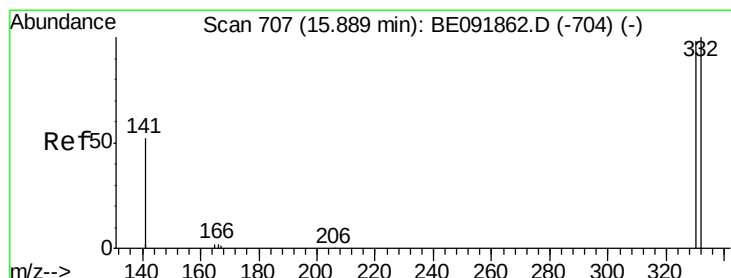
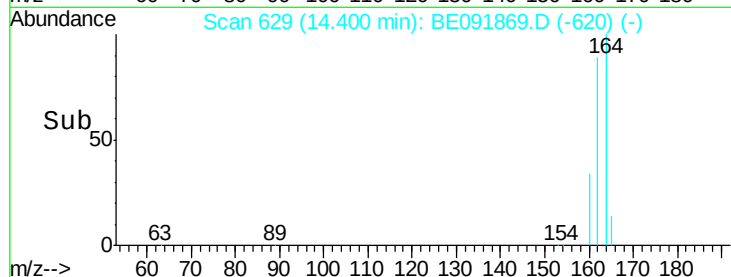
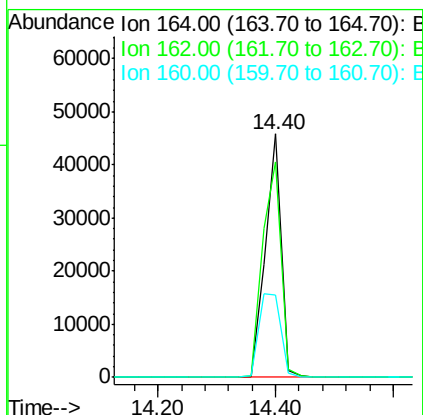
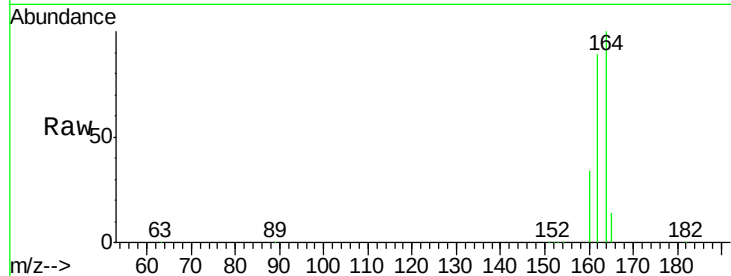




#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 629
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

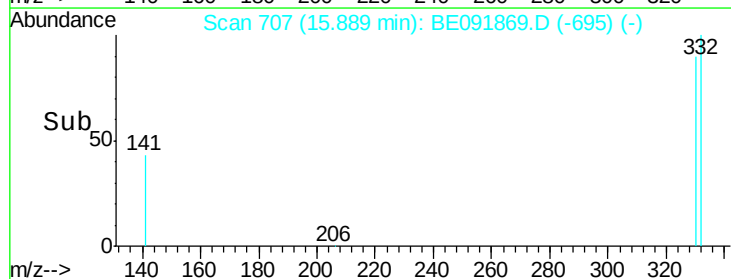
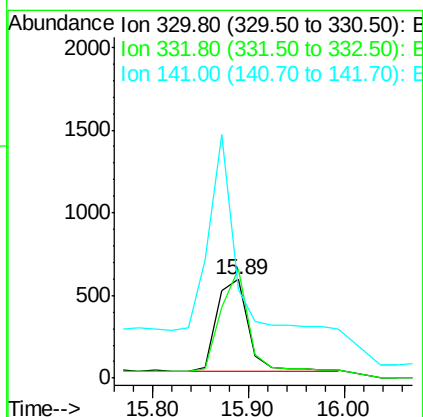
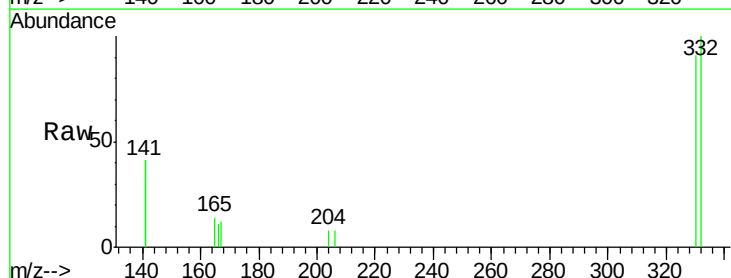
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

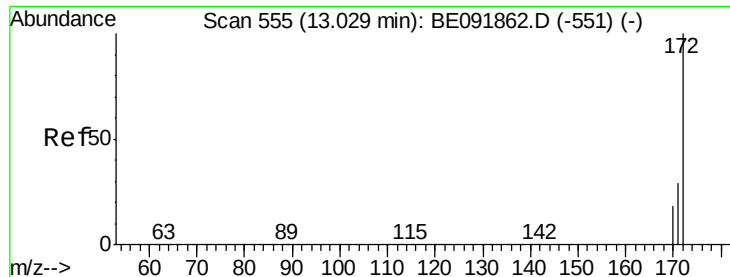
Tgt Ion:164 Resp: 87157
Ion Ratio Lower Upper
164 100
162 88.5 71.8 107.8
160 33.8 28.0 42.0



#16
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.89 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion:330 Resp: 1238
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 171.1 138.4 207.6

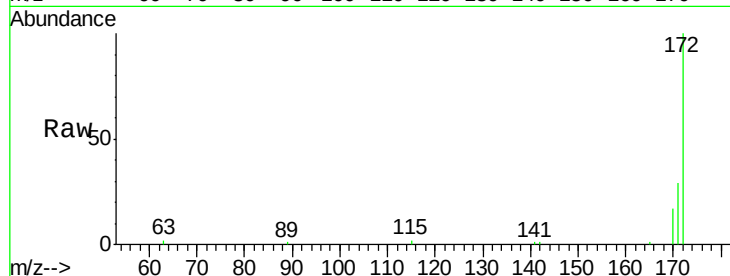




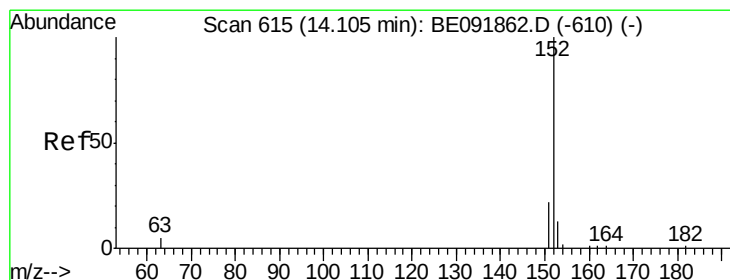
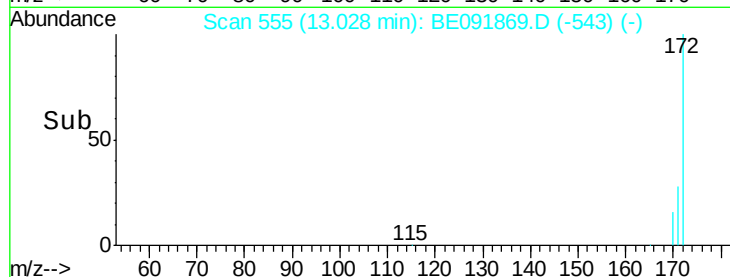
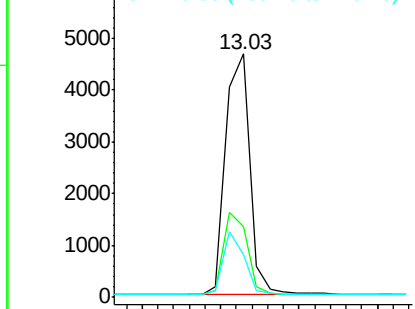
#17
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.03 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 10006
Ion Ratio Lower Upper
172 100
171 29.2 24.3 36.5
170 17.3 14.9 22.3

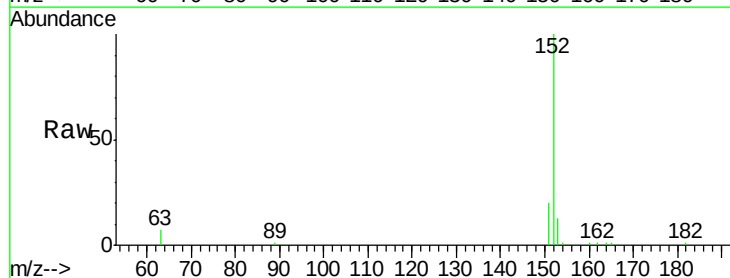


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

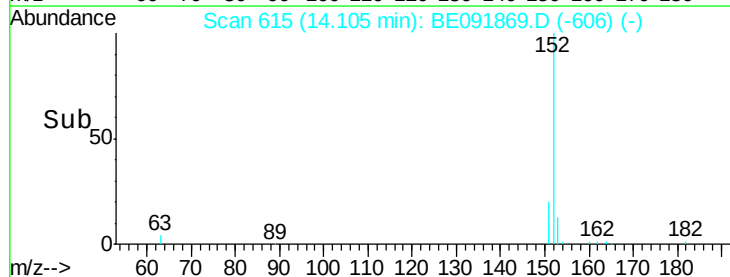
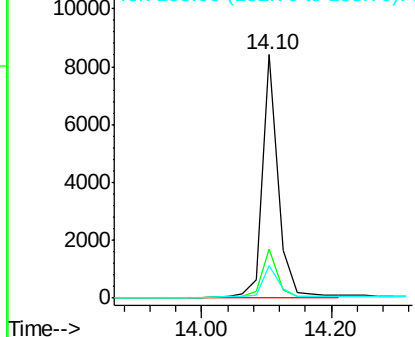


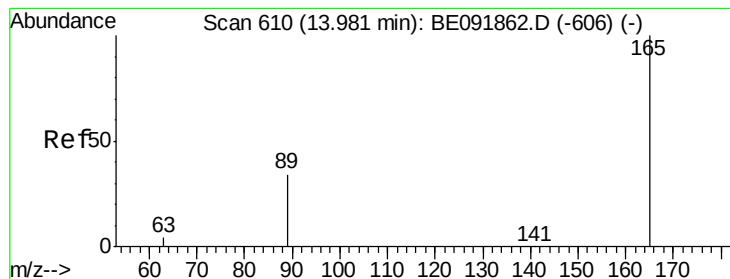
#18
Acenaphthylene
Concen: 0.39 ng
RT: 14.10 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion:152 Resp: 15809
Ion Ratio Lower Upper
152 100
151 22.8 19.4 29.2
153 17.0 14.4 21.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#19

2,6-Dinitrotoluene

Concen: 0.32 ng

RT: 13.96 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

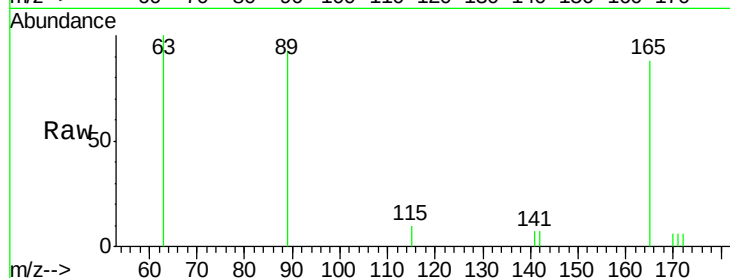
Tgt Ion:165 Resp: 1930

Ion Ratio Lower Upper

165 100

63 82.7 65.9 98.9

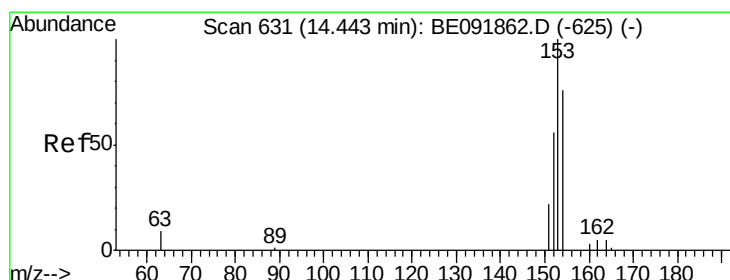
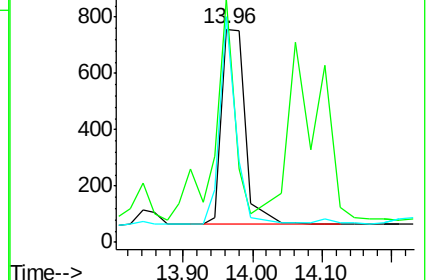
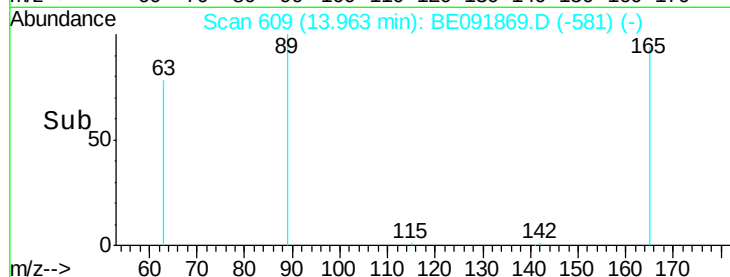
89 74.7 59.1 88.7



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: 0.40 ng

RT: 14.44 min Scan# 631

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

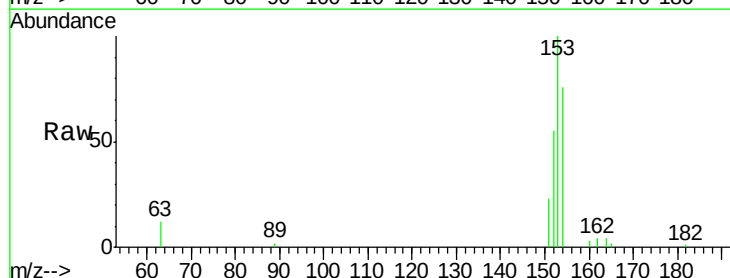
Tgt Ion:154 Resp: 9025

Ion Ratio Lower Upper

154 100

153 110.6 88.1 132.1

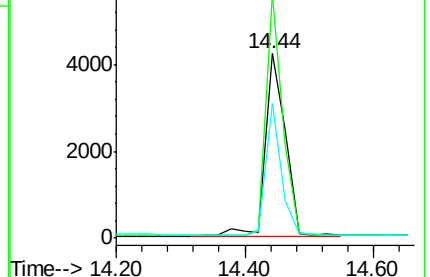
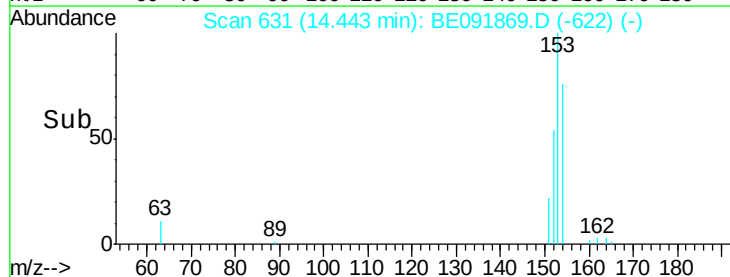
152 55.3 44.2 66.2

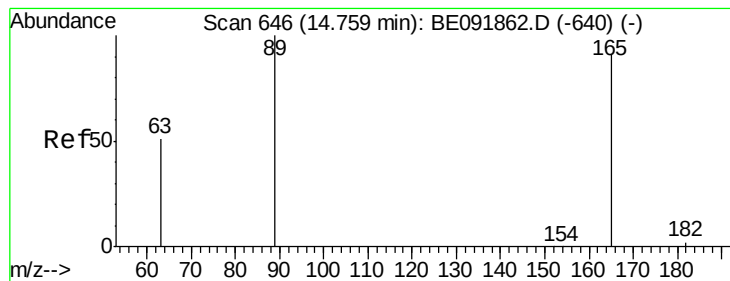


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#21

2,4-Dinitrotoluene

Concen: 0.44 ng

RT: 14.76 min Scan# 646

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:165 Resp: 1995

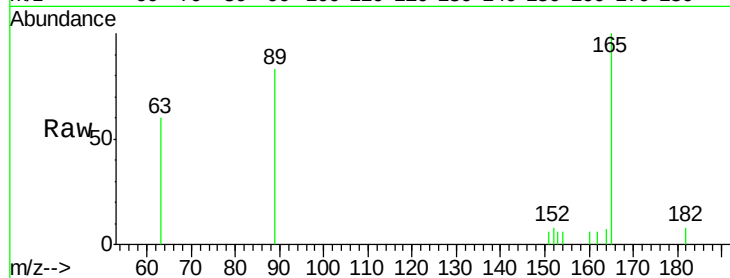
Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

89 123.4 99.8 149.8

182 0.0 0.0 0.0

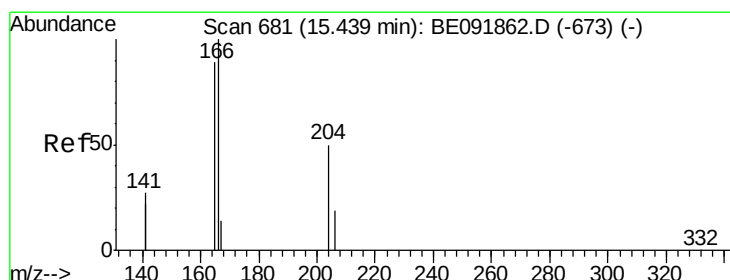
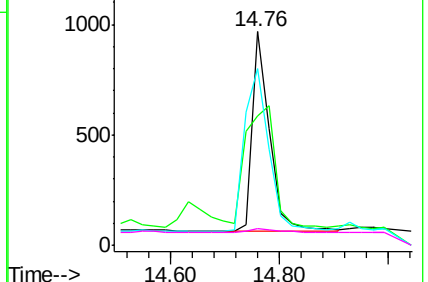
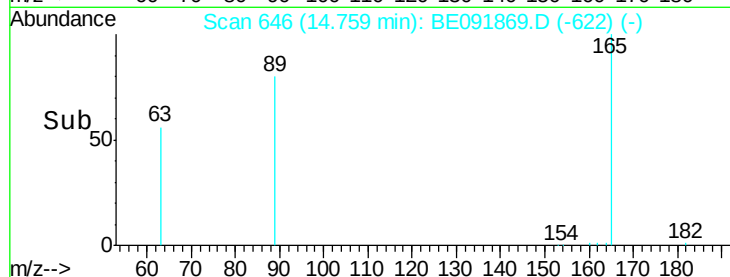


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.38 ng

RT: 15.44 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

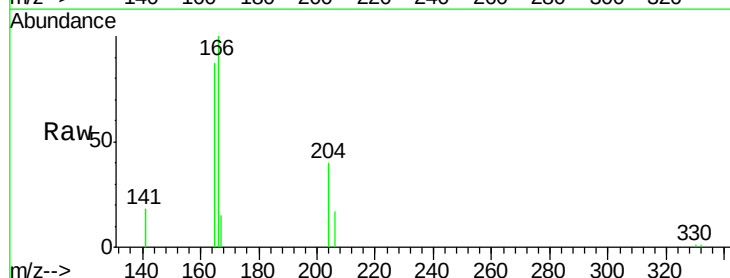
Tgt Ion:166 Resp: 11566

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

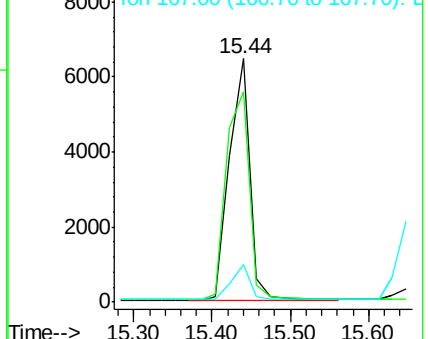
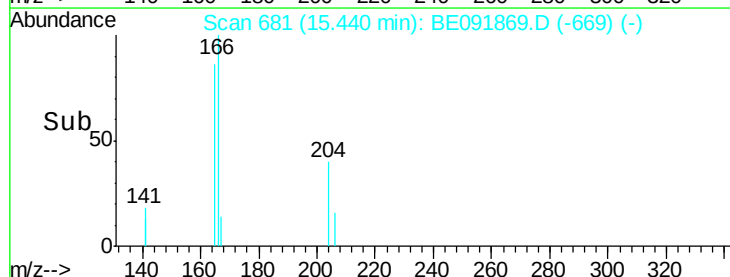
167 13.6 10.8 16.2

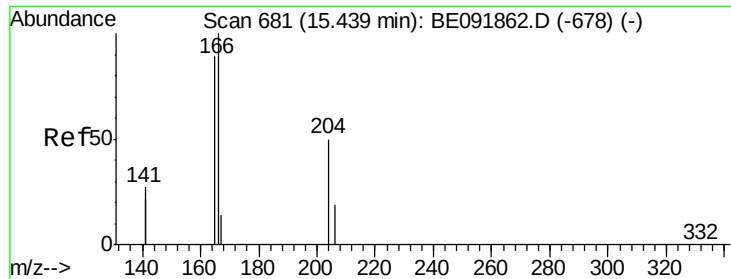


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#23

4-Chlorophenyl-phenylether

Concen: 0.34 ng

RT: 15.44 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

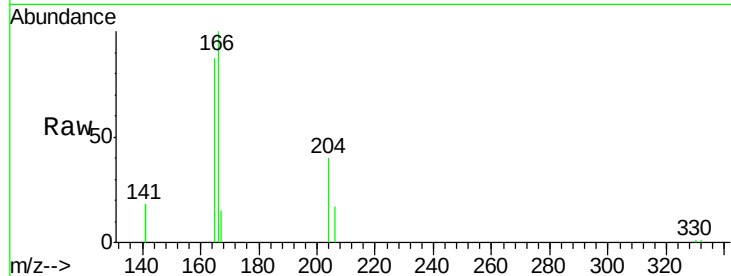
Tgt Ion:204 Resp: 5647

Ion Ratio Lower Upper

204 100

206 34.1 27.8 41.6

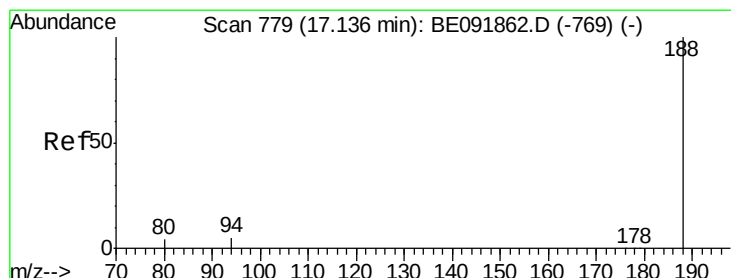
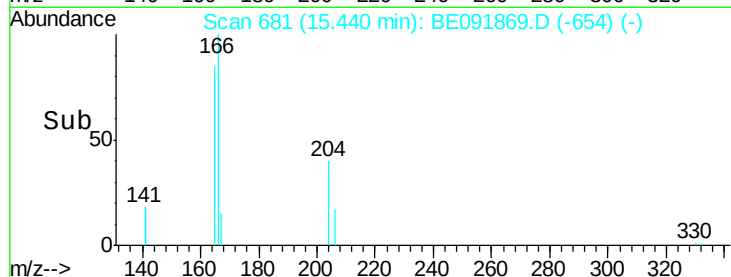
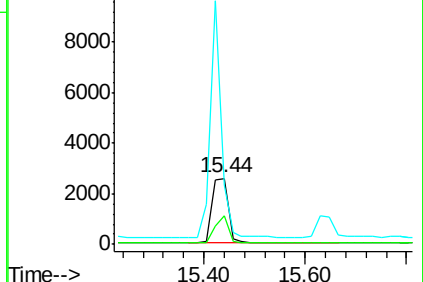
141 243.1 197.6 296.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.13 min Scan# 778

Delta R.T. -0.01 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

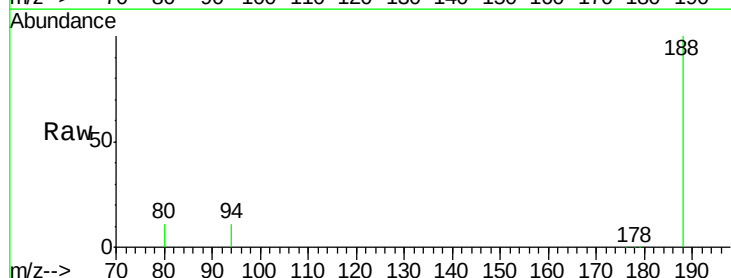
Tgt Ion:188 Resp: 253525

Ion Ratio Lower Upper

188 100

94 11.3 4.1 6.1#

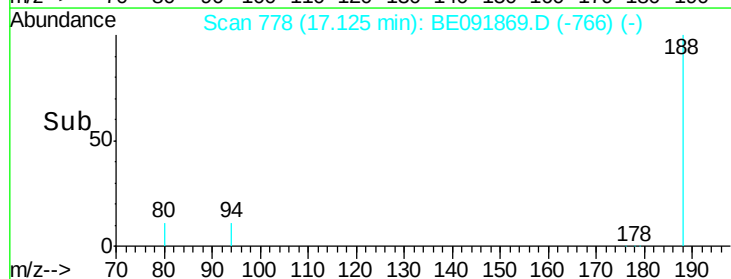
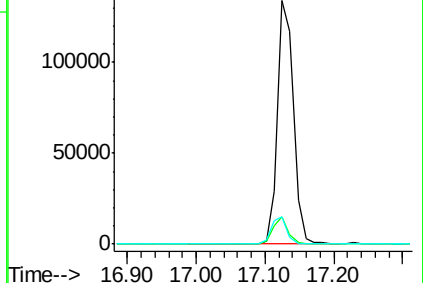
80 11.2 3.4 5.2#

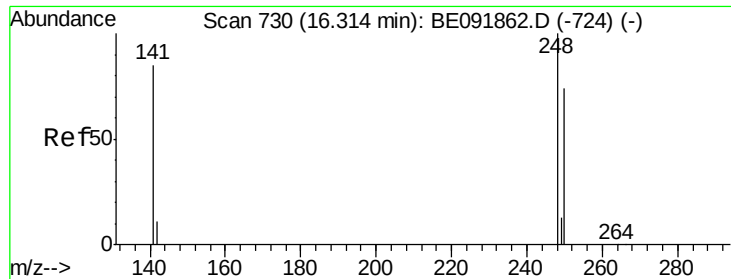


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

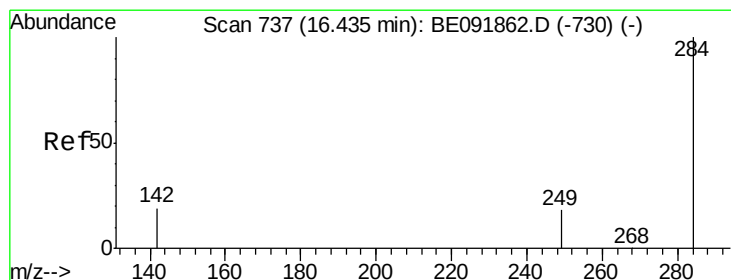
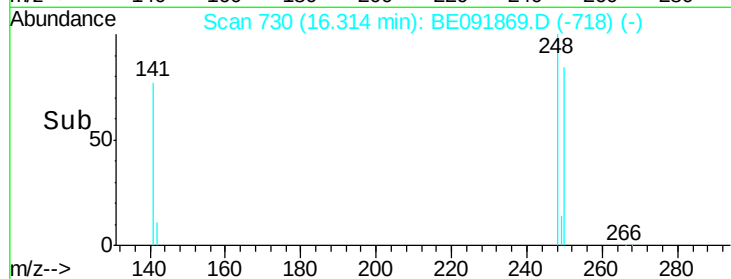
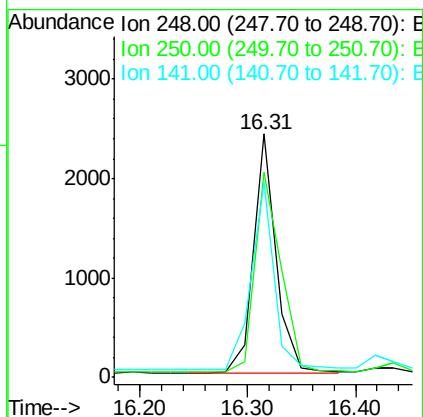
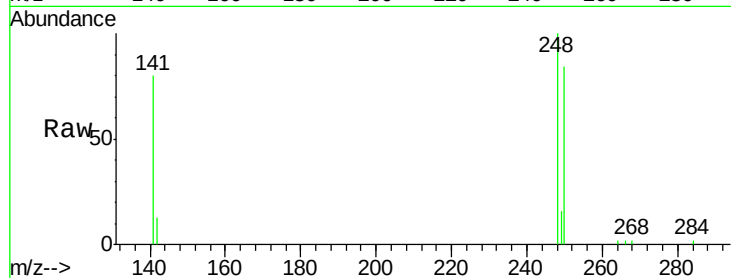




#25
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.31 min Scan# 730
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

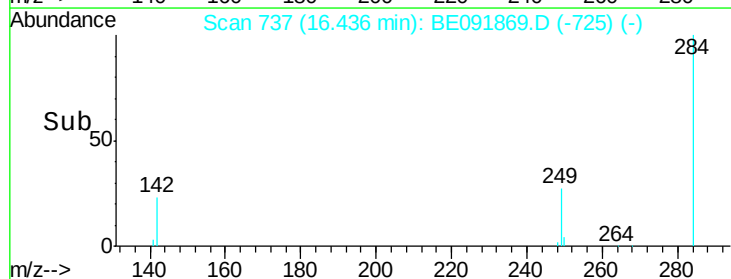
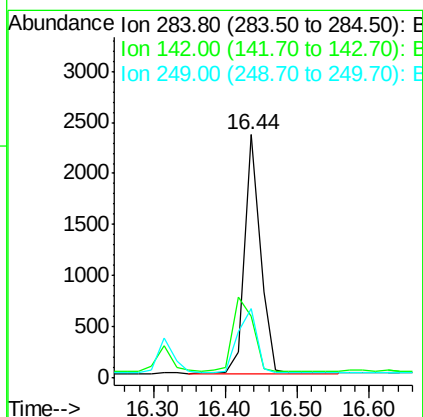
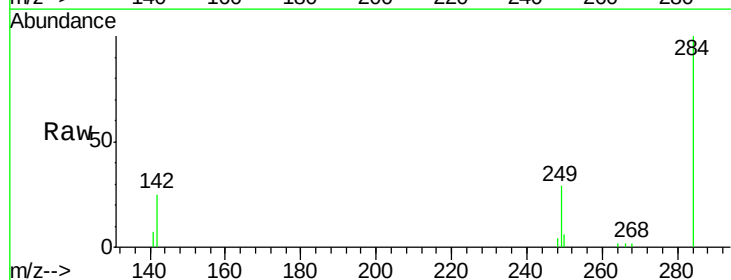
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

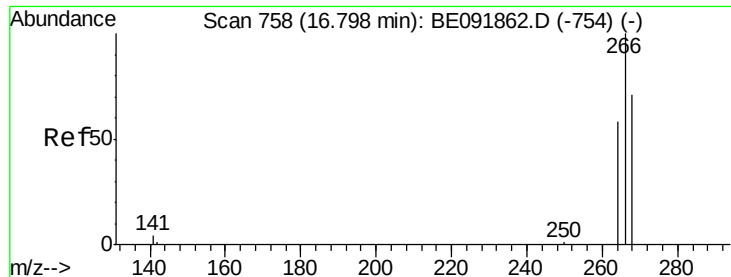
Tgt Ion:248 Resp: 3481
Ion Ratio Lower Upper
248 100
250 96.8 75.7 113.5
141 78.9 64.6 97.0



#26
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.44 min Scan# 737
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion:284 Resp: 3512
Ion Ratio Lower Upper
284 100
142 39.1 31.4 47.2
249 32.0 25.3 37.9





#27

Pentachlorophenol

Concen: 0.36 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.02 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

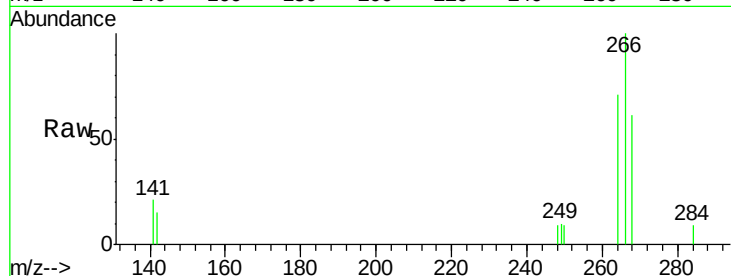
Tgt Ion:266 Resp: 1201

Ion Ratio Lower Upper

266 100

268 61.0 60.5 90.7

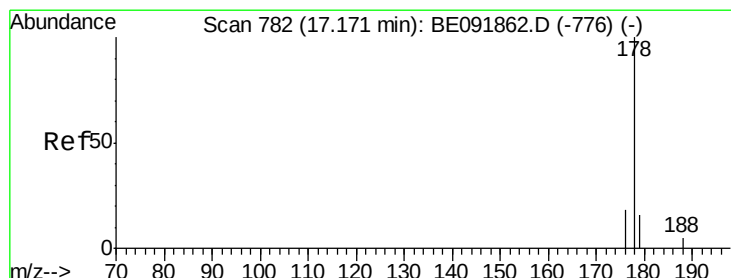
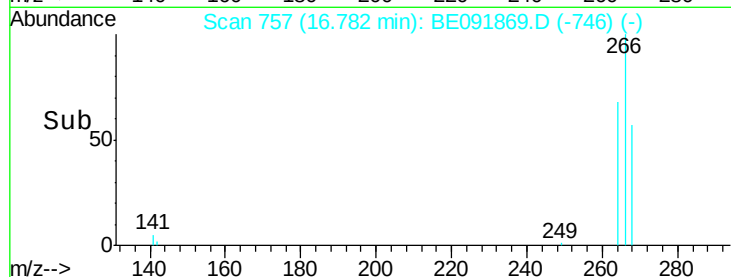
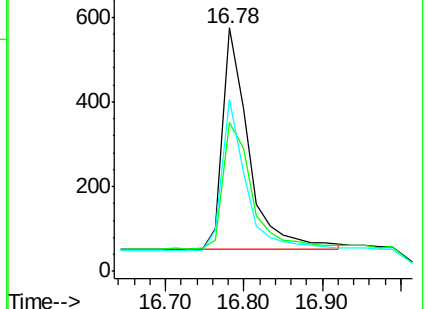
264 70.6 51.0 76.4



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: 0.37 ng

RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

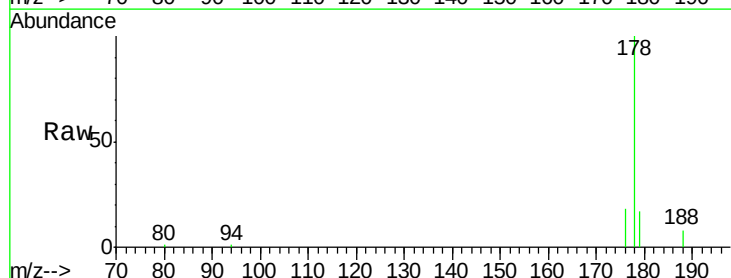
Tgt Ion:178 Resp: 20841

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

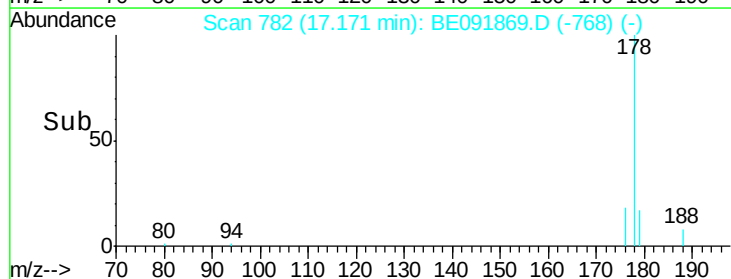
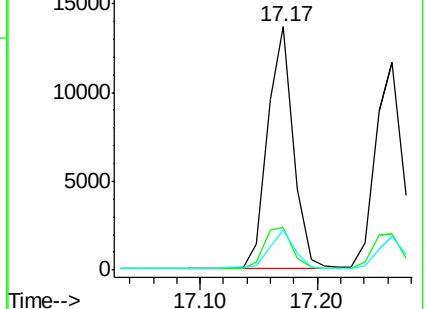
179 16.8 12.9 19.3

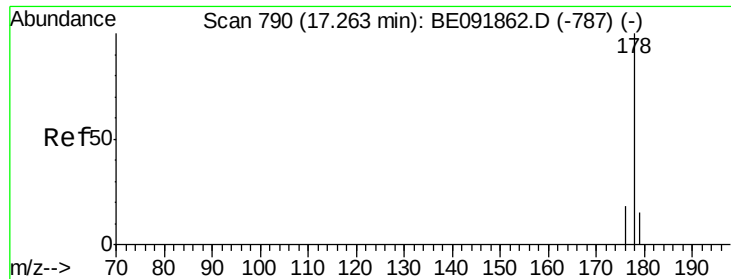


Abundance Ion 178.00 (177.70 to 178.70): E

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: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

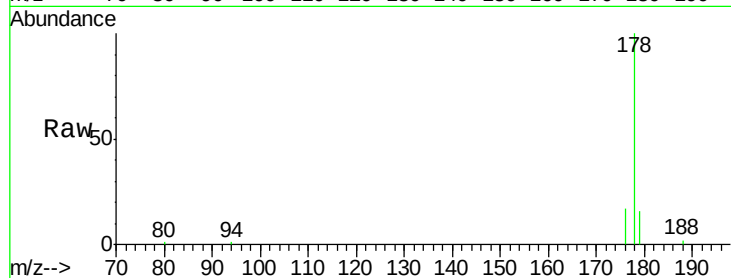
Tgt Ion:178 Resp: 19273

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

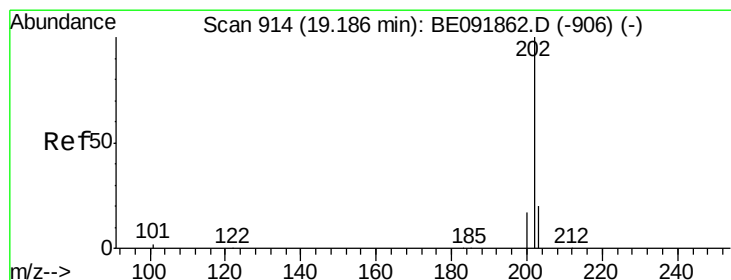
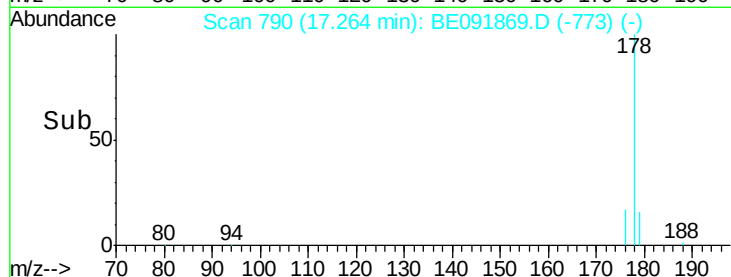
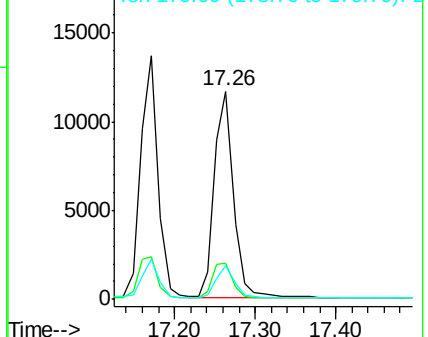
179 14.9 12.1 18.1



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: 0.33 ng

RT: 19.17 min Scan# 913

Delta R.T. -0.02 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

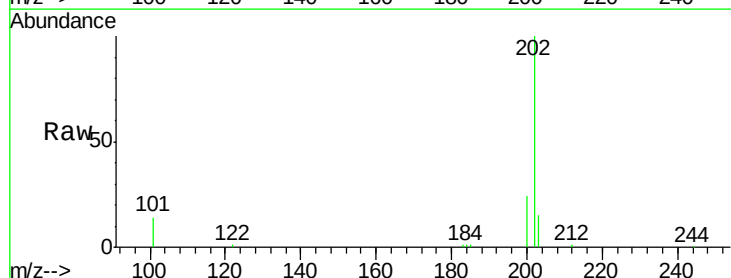
Tgt Ion:202 Resp: 22601

Ion Ratio Lower Upper

202 100

101 10.9 9.4 14.0

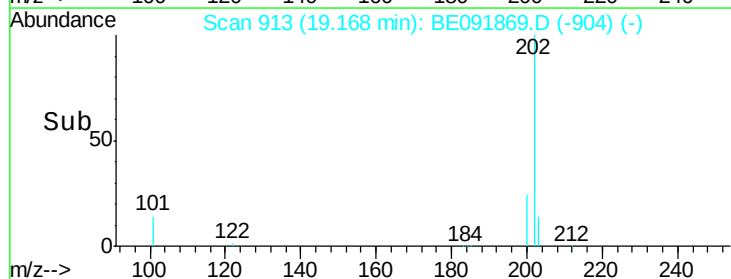
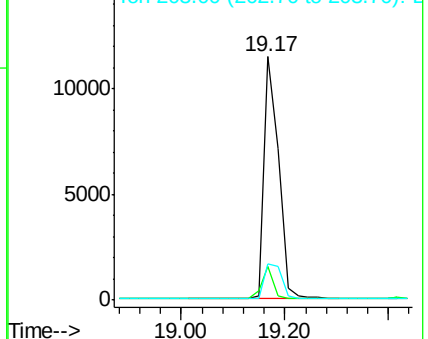
203 17.5 14.3 21.5

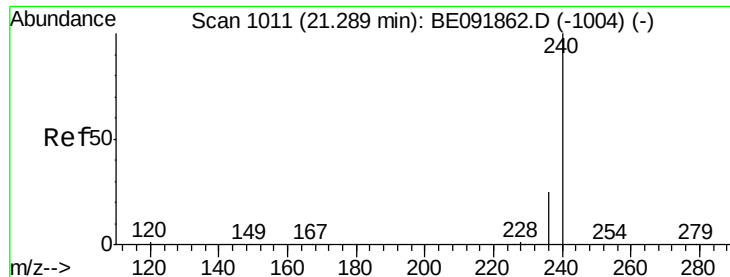


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

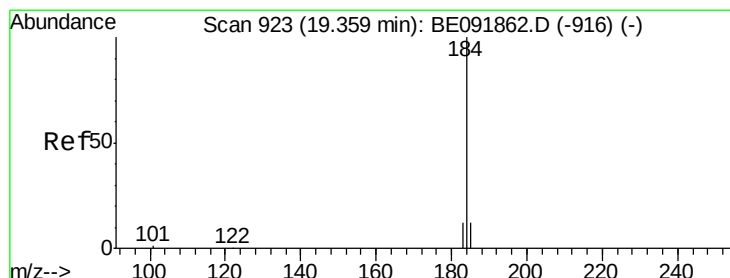
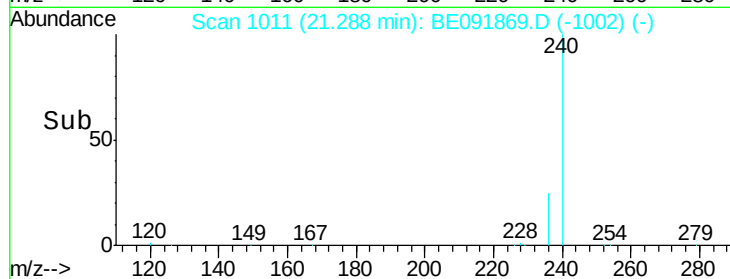
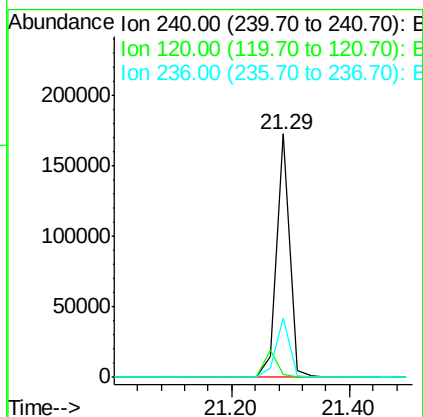
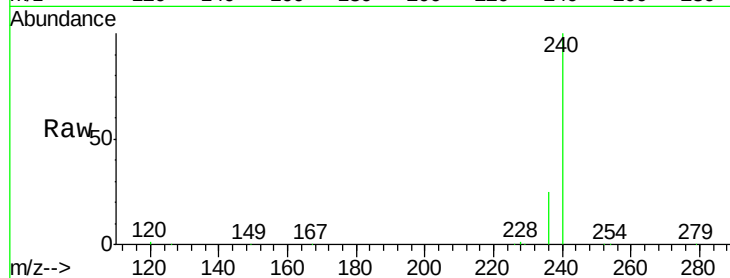




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

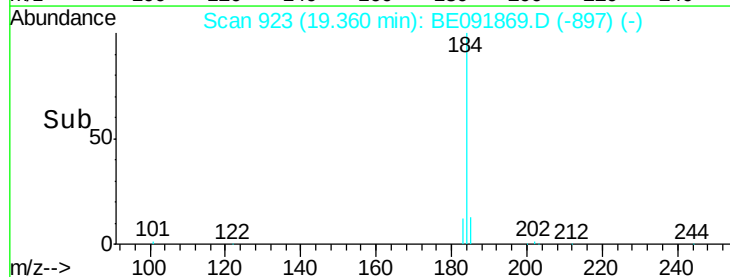
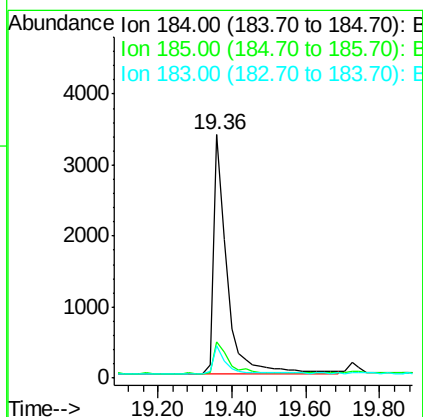
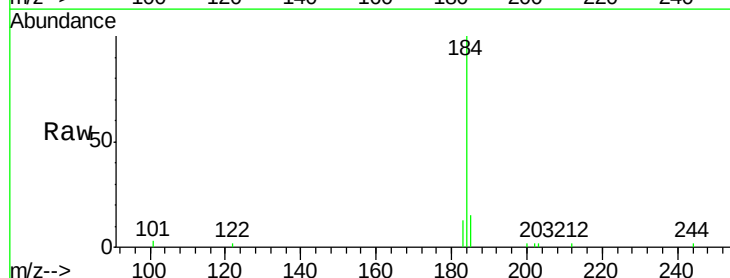
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

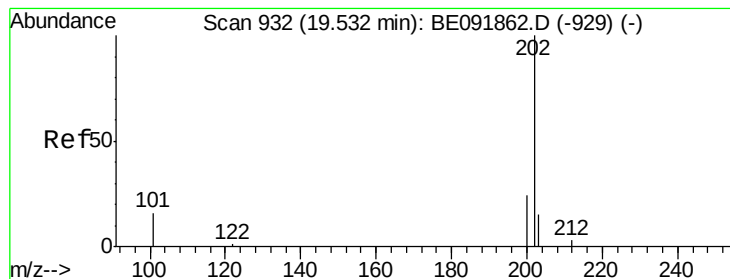
Tgt Ion:240 Resp: 268009
Ion Ratio Lower Upper
240 100
120 1.5 1.2 1.8
236 24.6 19.8 29.8



#32
Benzidine
Concen: 0.45 ng
RT: 19.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion:184 Resp: 8450
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 13.3 11.8 17.6





#33

Pyrene

Concen: 0.43 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

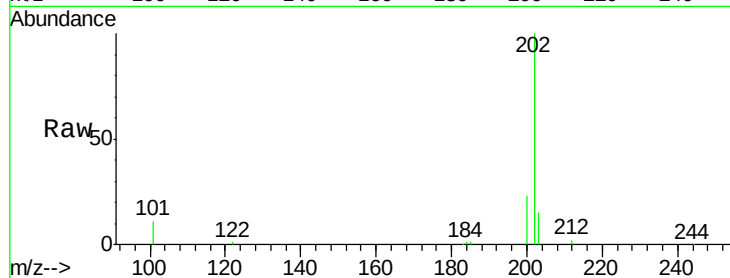
Tgt Ion:202 Resp: 24505

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

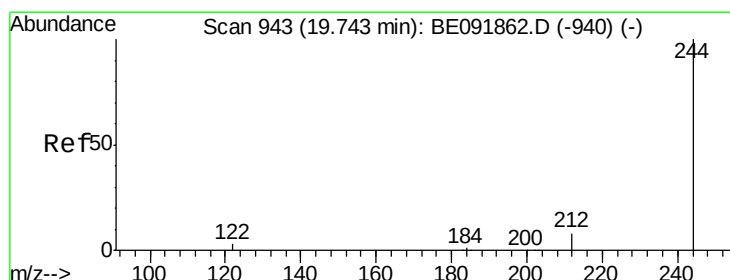
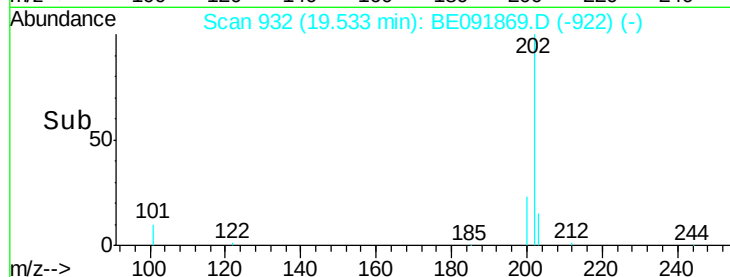
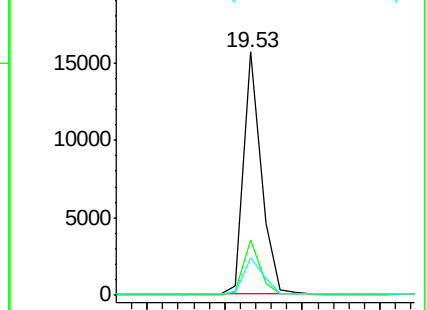
203 16.8 14.1 21.1



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: 0.41 ng

RT: 19.74 min Scan# 943

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

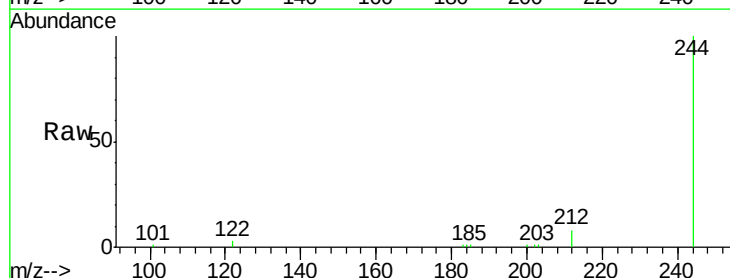
Tgt Ion:244 Resp: 16629

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

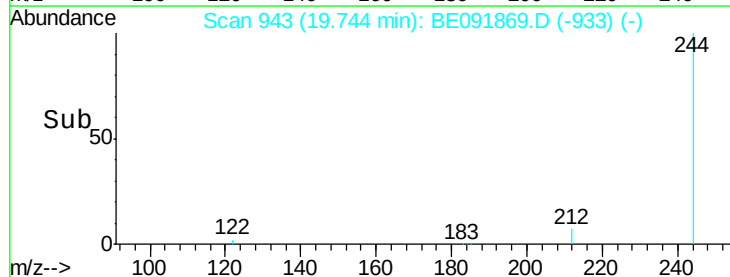
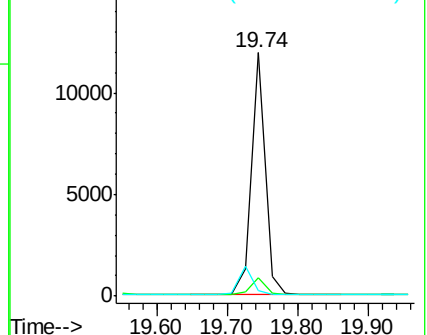
122 2.5 2.9 4.3#

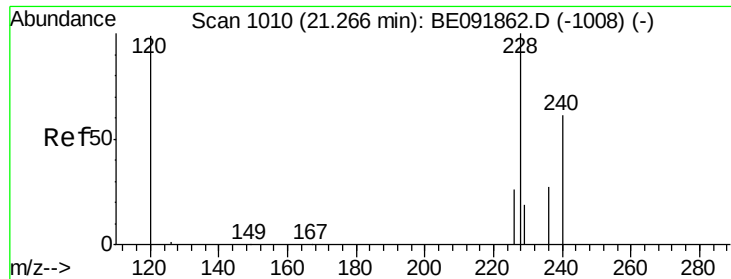


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

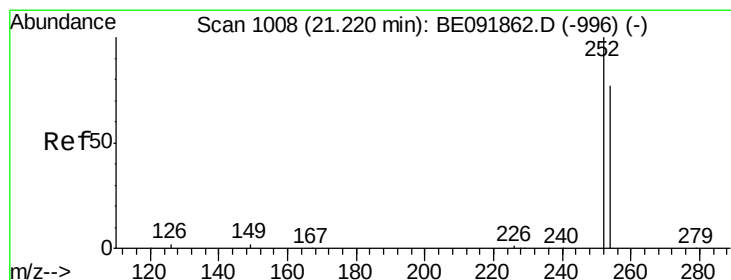
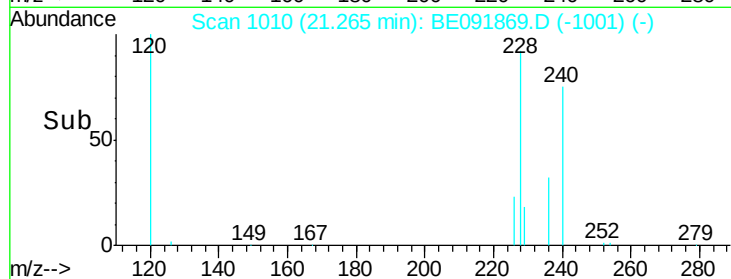
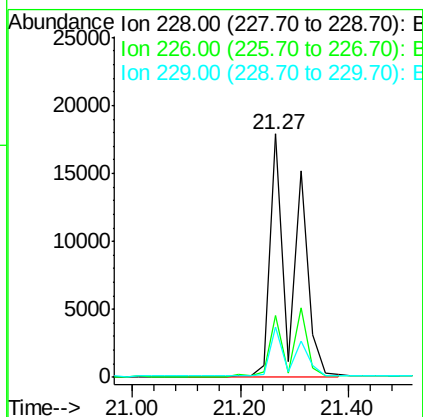
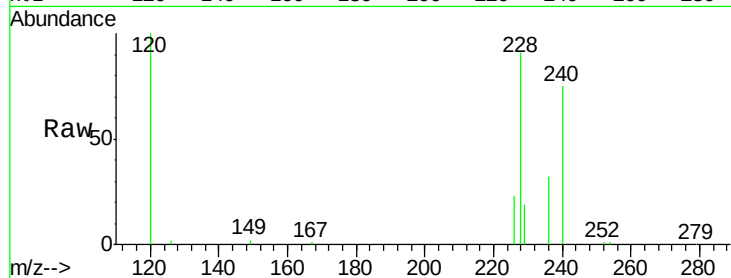




#35
Benzo(a)anthracene
Concen: 0.74 ng
RT: 21.27 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

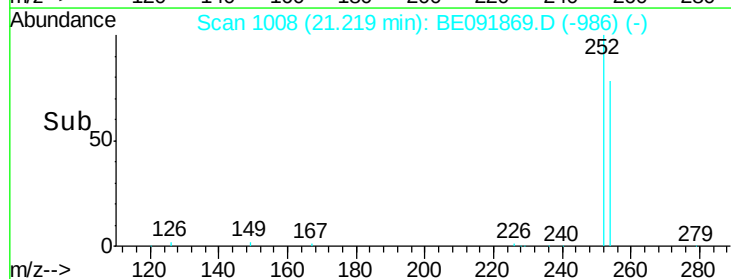
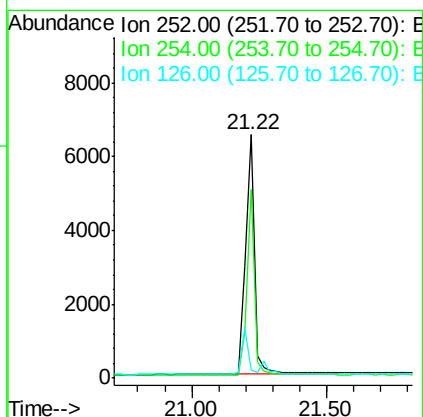
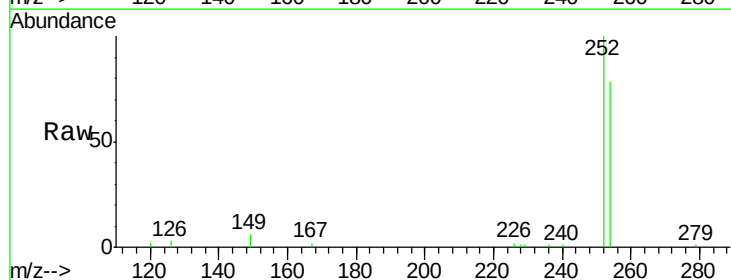
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

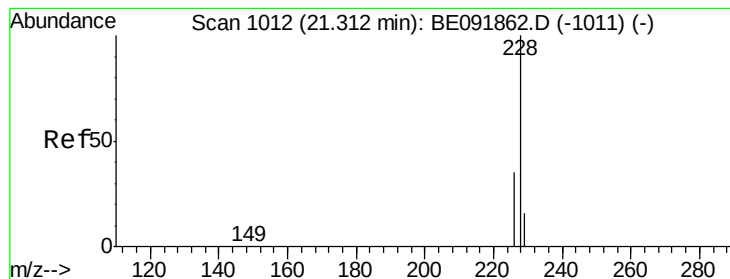
Tgt Ion:228 Resp: 53008
Ion Ratio Lower Upper
228 100
226 25.5 21.0 31.4
229 20.6 15.8 23.8



#36
3,3'-Dichlorobenzidine
Concen: 0.38 ng
RT: 21.22 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion:252 Resp: 15012
Ion Ratio Lower Upper
252 100
254 77.6 61.5 92.3
126 3.2 2.5 3.7





#37

Chrysene

Concen: 0.87 ng

RT: 21.27 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

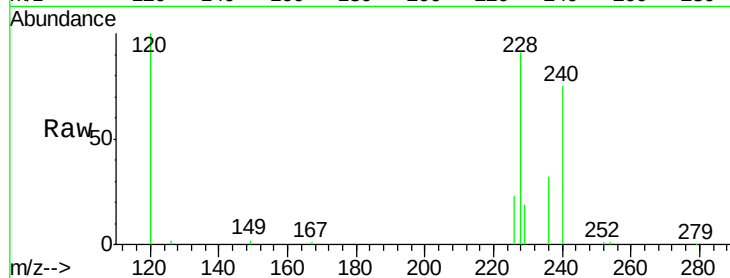
Tgt Ion:228 Resp: 53139

Ion Ratio Lower Upper

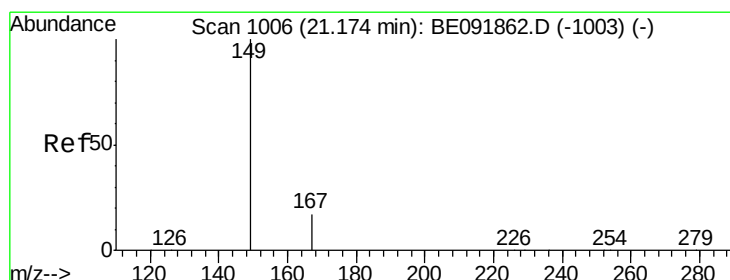
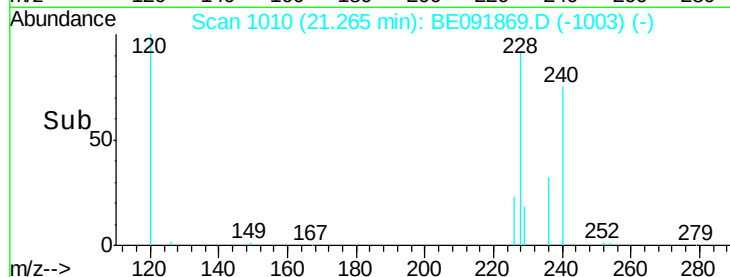
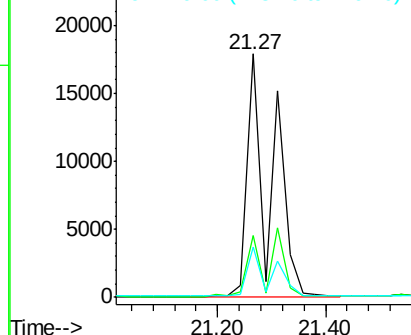
228 100

226 25.5 27.0 40.6#

229 20.6 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: 0.40 ng

RT: 21.17 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

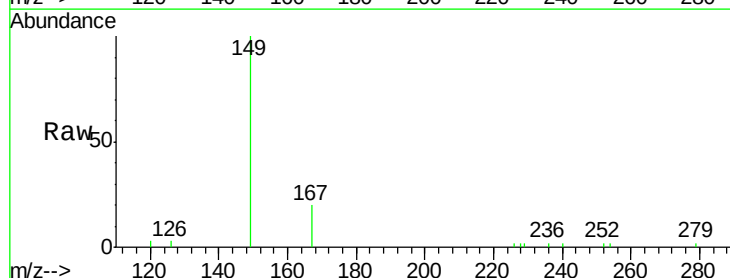
Tgt Ion:149 Resp: 10323

Ion Ratio Lower Upper

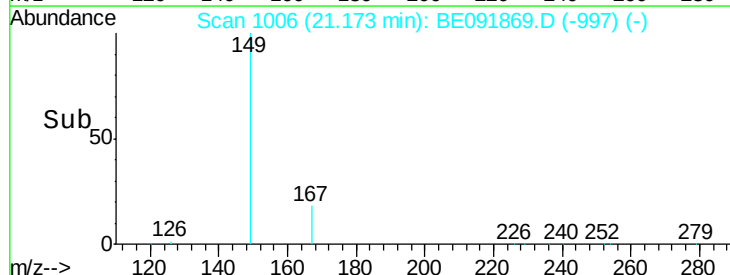
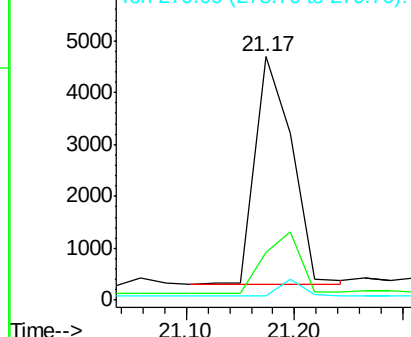
149 100

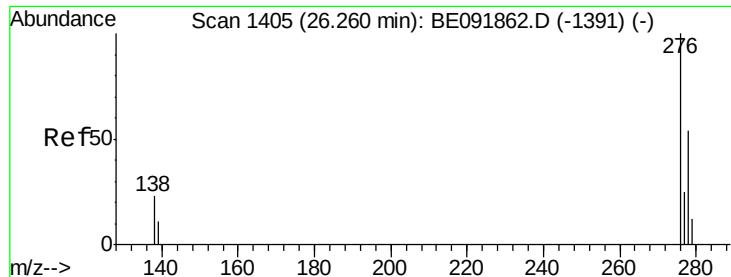
167 0.0 0.0 0.0

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: 0.39 ng

RT: 26.26 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

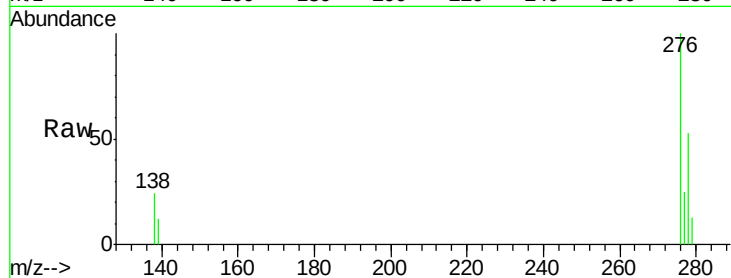
Tgt Ion: 276 Resp: 26163

Ion Ratio Lower Upper

276 100

138 24.3 19.7 29.5

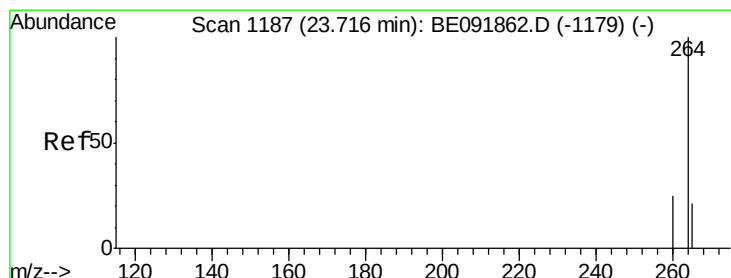
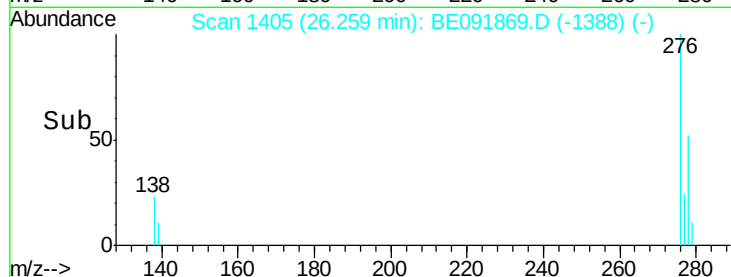
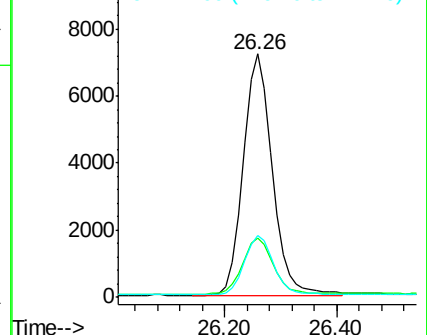
277 24.8 20.1 30.1



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# 1187

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

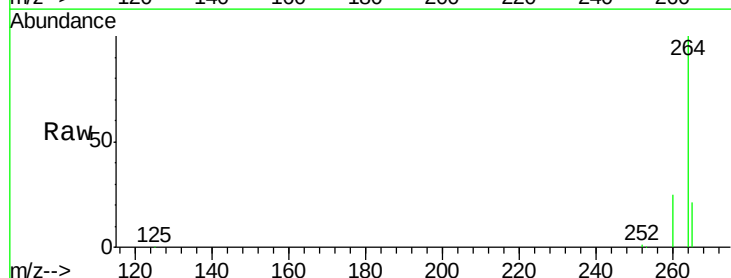
Tgt Ion: 264 Resp: 241295

Ion Ratio Lower Upper

264 100

260 25.4 20.3 30.5

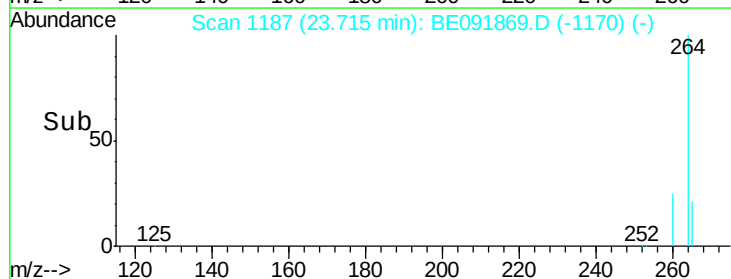
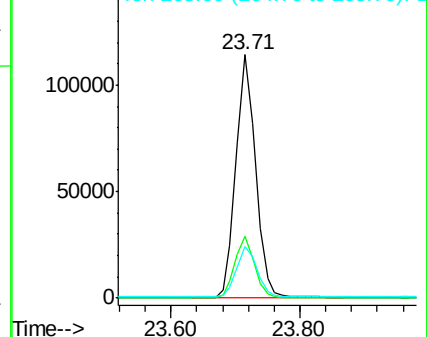
265 21.4 17.6 26.4

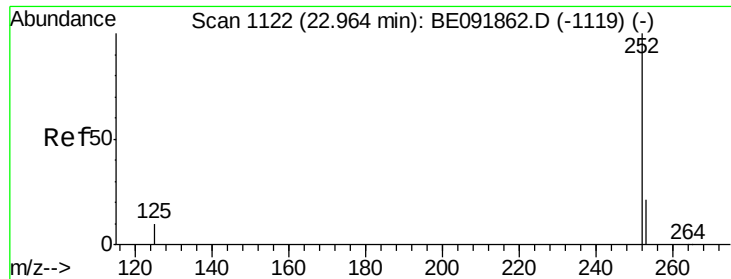


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.35 ng

RT: 22.96 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

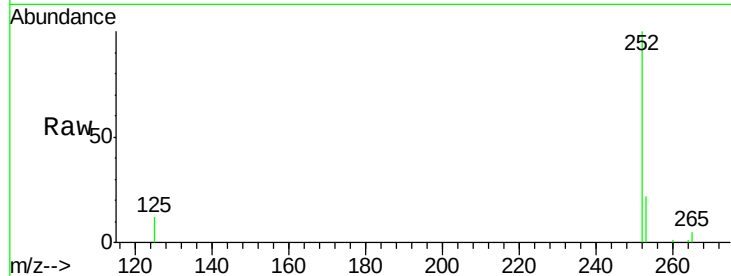
Tgt Ion:252 Resp: 23073

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

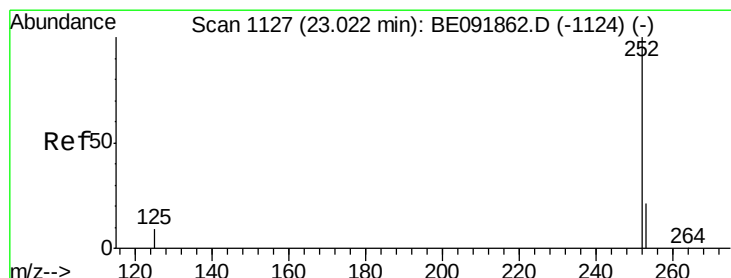
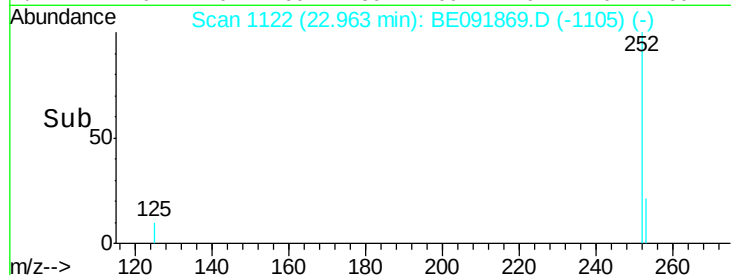
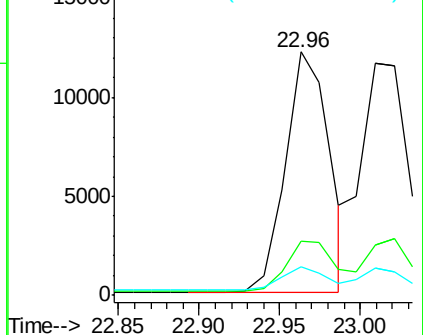
125 11.9 9.4 14.2



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: 0.41 ng

RT: 23.01 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

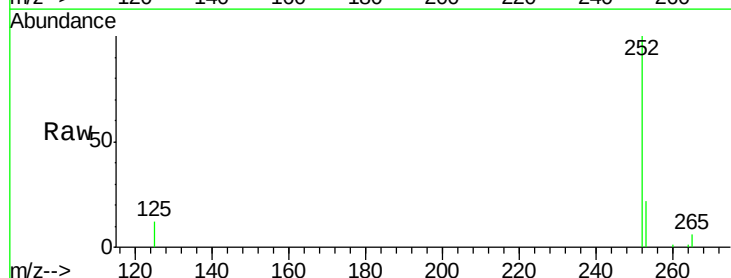
Tgt Ion:252 Resp: 24357

Ion Ratio Lower Upper

252 100

253 21.6 19.4 29.2

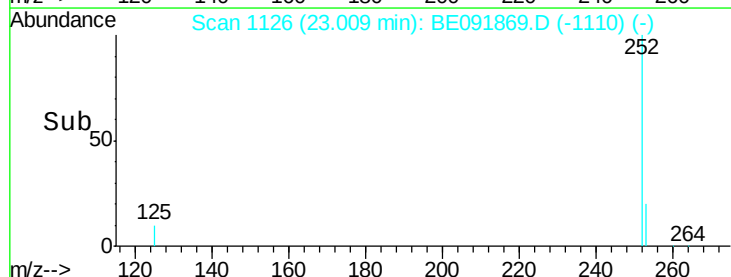
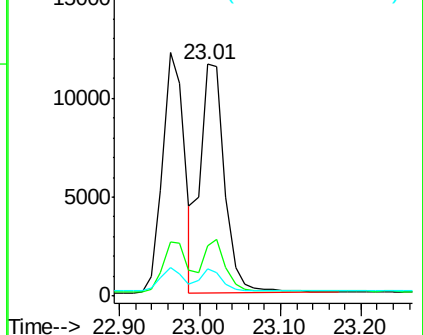
125 11.7 8.3 12.5

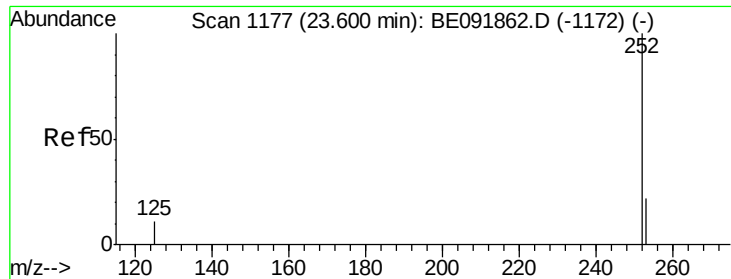


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

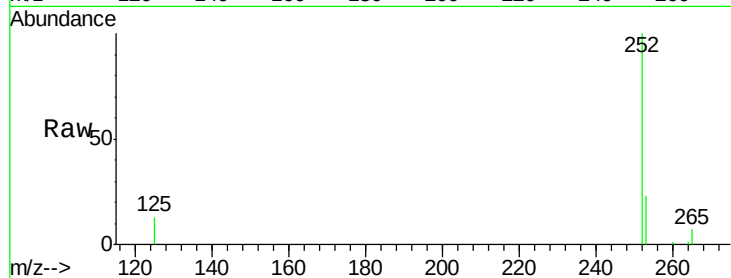
Tgt Ion:252 Resp: 22361

Ion Ratio Lower Upper

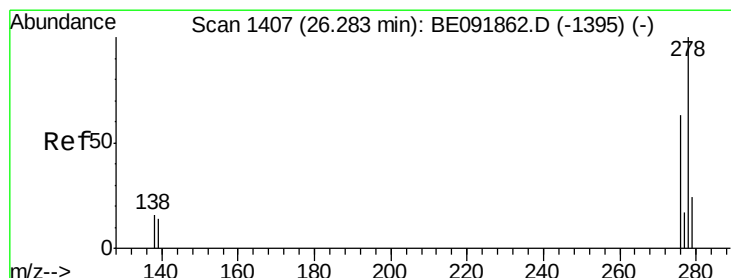
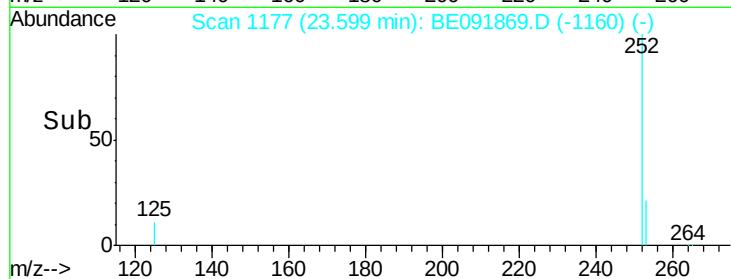
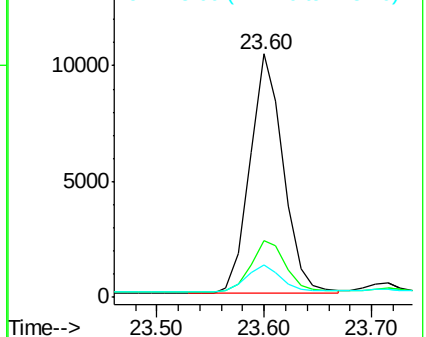
252 100

253 23.2 18.9 28.3

125 13.4 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: 0.38 ng

RT: 26.28 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

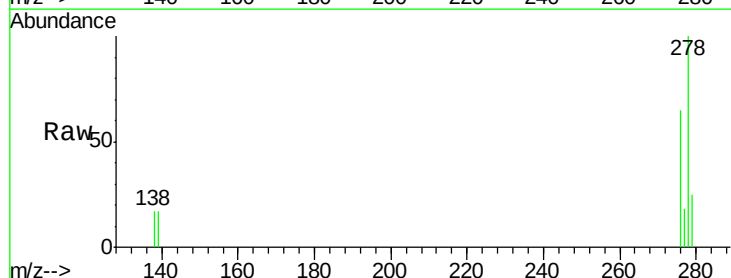
Tgt Ion:278 Resp: 21556

Ion Ratio Lower Upper

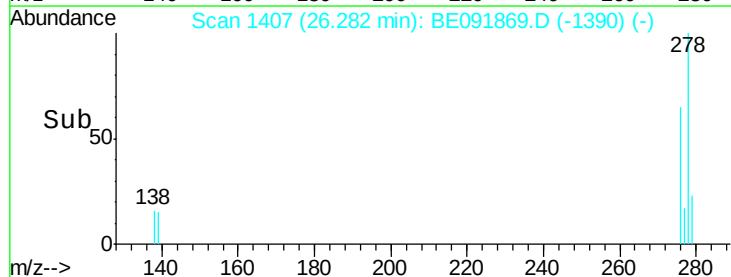
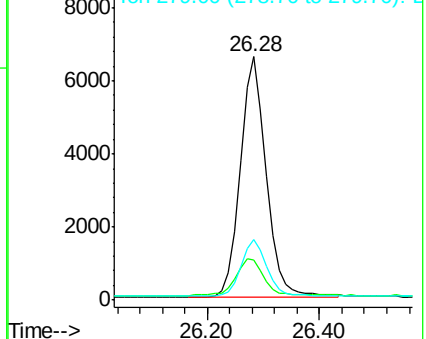
278 100

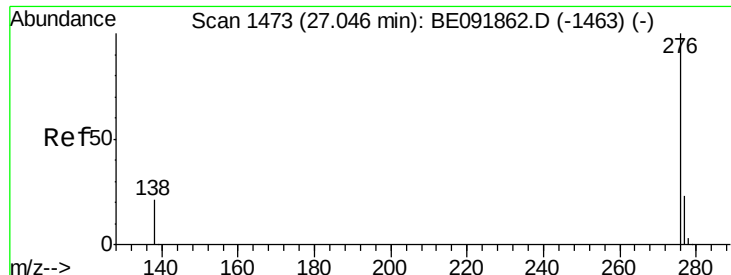
139 16.6 12.6 18.8

279 24.7 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(g,h,i)perylene

Concen: 0.38 ng

RT: 27.05 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BE091869.D

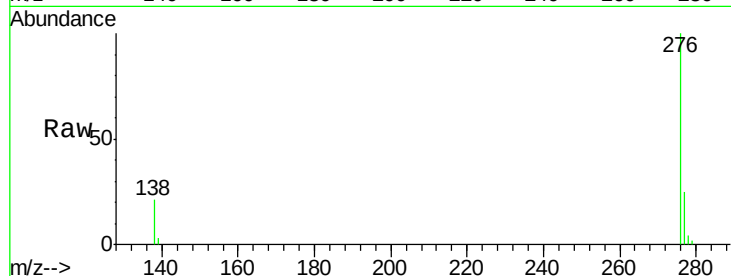
Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 22080

Ion Ratio Lower Upper

276 100

277 24.8 19.5 29.3

138 21.1 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

