

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
 Data File : BE091884.D
 Acq On : 7 Jun 2016 16:33
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE060716

Quant Time: Jun 07 19:38:48 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 17:14:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	20642	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	93915	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	54701	5.00	ng	0.00
24) Phenanthrene-d10	17.12	188	173934	5.00	ng	0.00
31) Chrysene-d12	21.30	240	139121	5.00	ng	0.00
40) Perylene-d12	23.71	264	187996	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	1806	0.41	ng	0.00
5) Phenol-d6	6.94	99	2251	0.41	ng	-0.02
9) Nitrobenzene-d5	8.91	82	2433	0.38	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	616	0.40	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	7039	0.42	ng	0.00
34) Terphenyl-d14	19.74	244	12136	0.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	1399	0.45	ng	97
3) n-Nitrosodimethylamine	3.61	42	1440	0.42	ng	# 89
6) bis(2-Chloroethyl)ether	7.20	93	2354	0.40	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	1785	0.38	ng	# 21
10) Nitrobenzene	8.96	77	2312	0.40	ng	# 98
11) bis(2-Chloroethoxy)methane	9.98	93	4141	0.43	ng	# 67
12) Naphthalene	10.59	128	8661	0.43	ng	97
13) Hexachlorobutadiene	10.88	225	1302	0.43	ng	99
14) 2-Methylnaphthalene	12.22	142	5476	0.42	ng	91
18) Acenaphthylene	14.10	152	9604	0.39	ng	98
19) 2,6-Dinitrotoluene	13.96	165	966	0.39	ng	96
20) Acenaphthene	14.44	154	6413	0.42	ng	99
21) 2,4-Dinitrotoluene	14.76	165	1055	0.42	ng	# 95
22) Fluorene	15.42	166	7586	0.41	ng	99
23) 4-Chlorophenyl-phenylether	15.42	204	3868	0.43	ng	88
25) 4-Bromophenyl-phenylether	16.31	248	2371	0.38	ng	97
26) Hexachlorobenzene	16.44	284	2450	0.38	ng	99
27) Pentachlorophenol	16.78	266	758	0.40	ng	90
28) Phenanthrene	17.17	178	15471	0.38	ng	100
29) Anthracene	17.26	178	13295	0.37	ng	99
30) Fluoranthene	19.19	202	15820	0.36	ng	99
32) Benzidine	19.38	184	1605	0.24	ng	# 79
33) Pyrene	19.53	202	16987	0.48	ng	99
35) Benzo(a)anthracene	21.27	228	93814m	0.38	ng	
36) 3,3'-Dichlorobenzidine	21.21	252	3332	0.39	ng	# 77
37) Chrysene	21.33	228	58713m	0.41	ng	
38) Bis(2-ethylhexyl)phthalate	21.19	149	7293	0.40	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.27	276	20432	0.43	ng	99
41) Benzo(b)fluoranthene	22.98	252	19094	0.42	ng	98
42) Benzo(k)fluoranthene	23.03	252	19138	0.40	ng	97
43) Benzo(a)pyrene	23.59	252	17326	0.40	ng	96
44) Dibenzo(a,h)anthracene	26.29	278	16816	0.42	ng	97
45) Benzo(a,h,i)perylene	27.05	276	17746	0.42	ng	98

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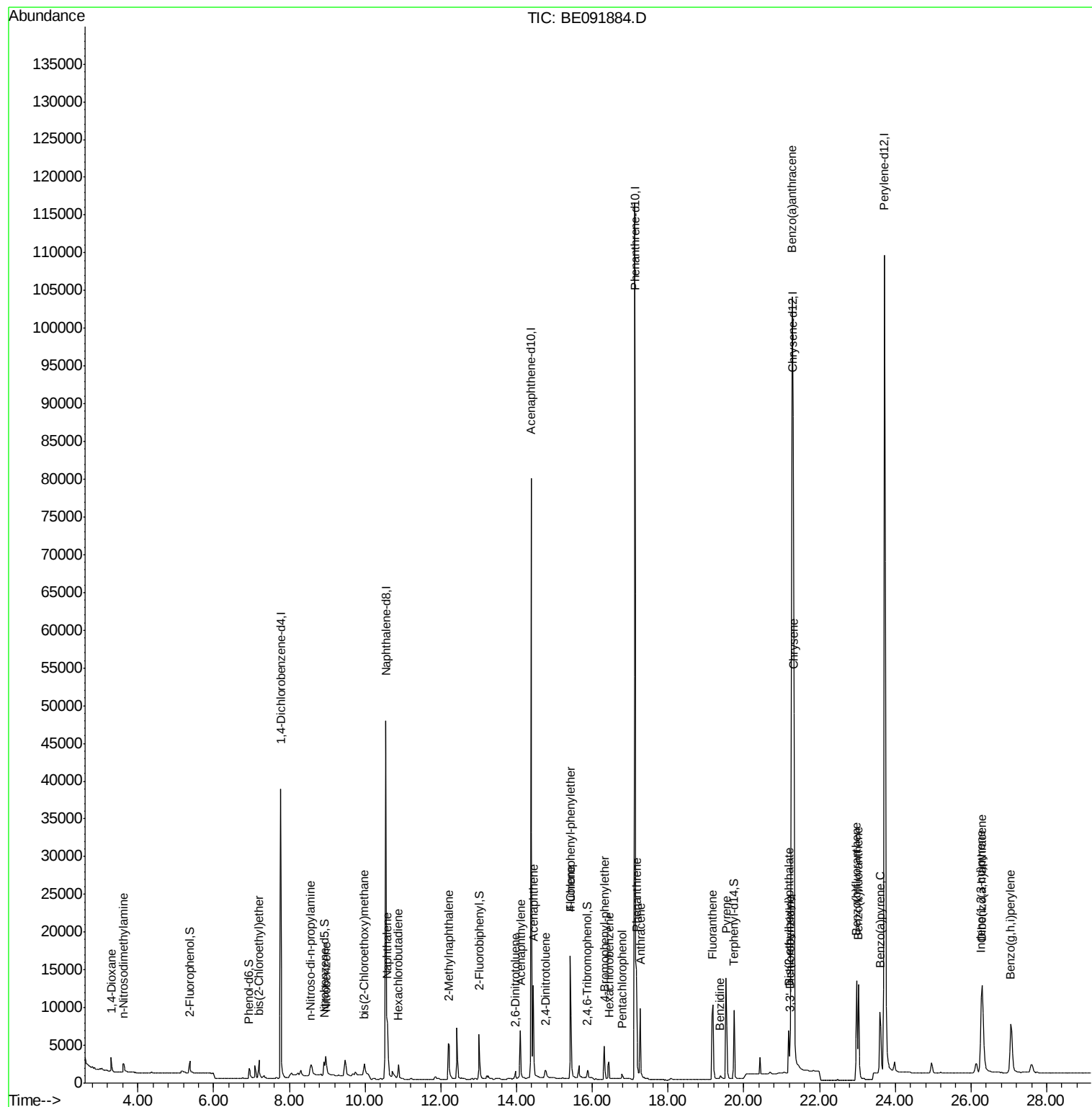
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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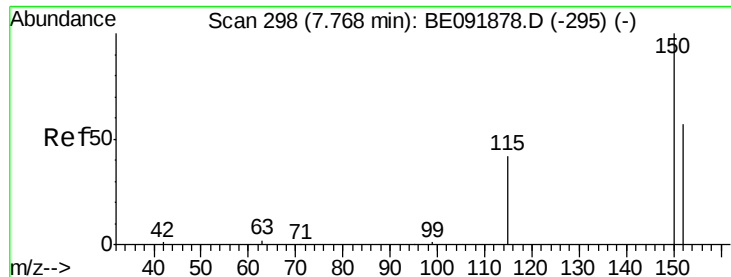
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

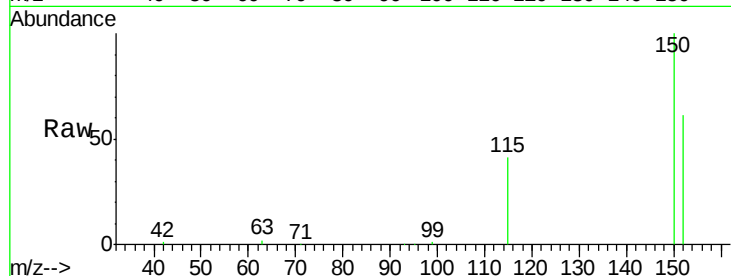
Tot Ion:152 Resp: 20642

Ion Ratio Lower Upper

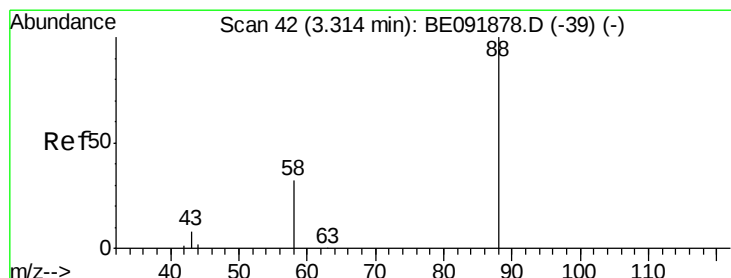
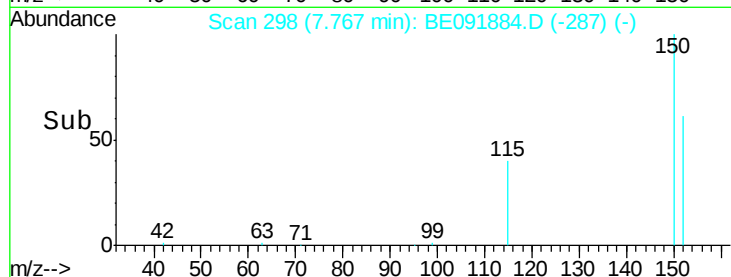
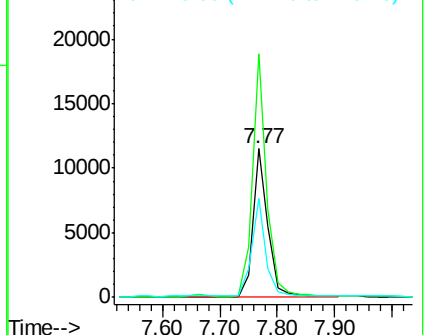
152 100

150 164.1 123.9 185.9

115 66.6 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: 0.45 ng

RT: 3.30 min Scan# 41

Delta R.T. -0.02 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

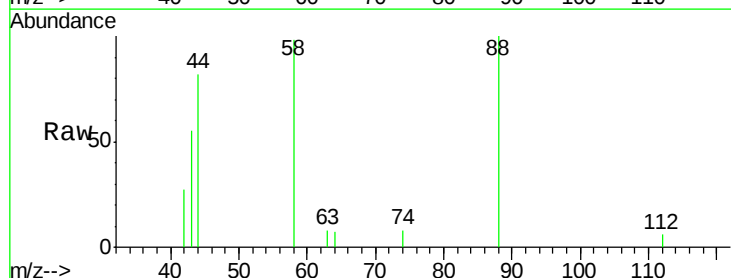
Tgt Ion: 88 Resp: 1399

Ion Ratio Lower Upper

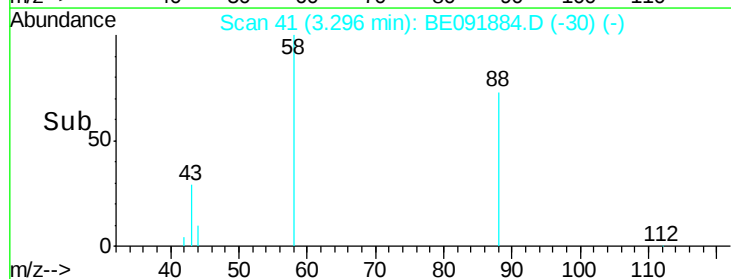
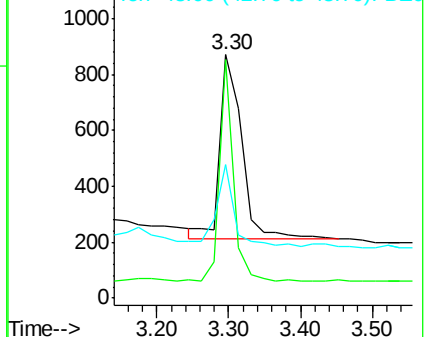
88 100

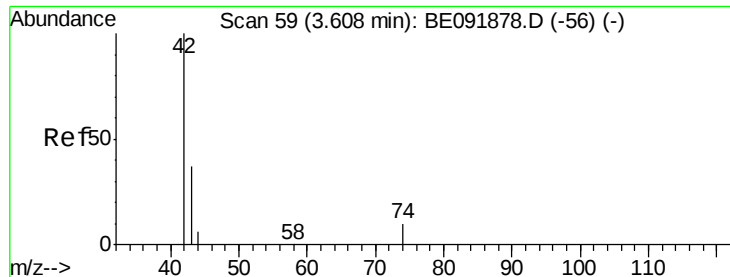
58 75.6 63.0 94.4

43 37.2 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: 0.42 ng

RT: 3.61 min Scan# 59

Delta R.T. -0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

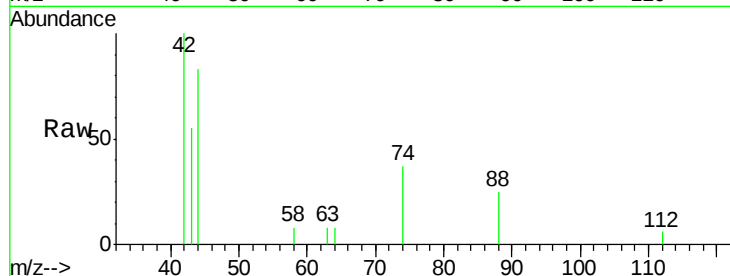
Tot Ion: 42 Resp: 1440

Ion Ratio Lower Upper

42 100

74 104.5 93.4 140.0

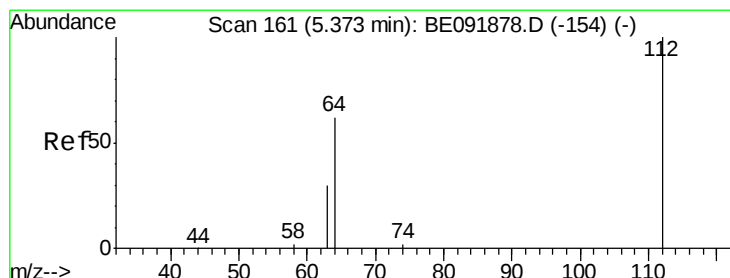
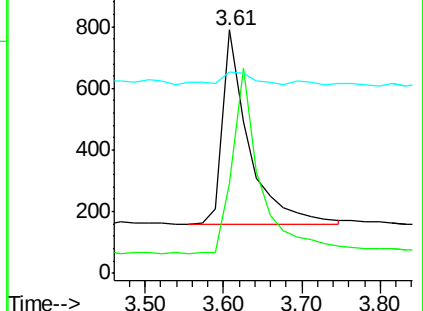
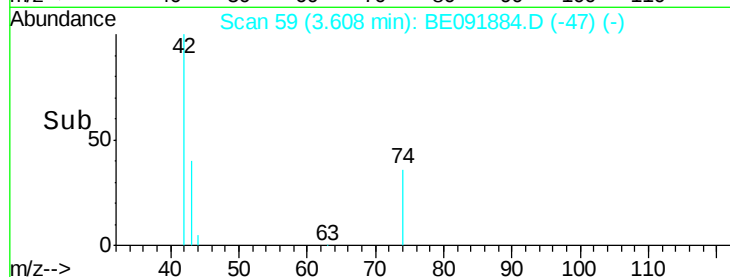
44 7.6 5.0 7.6#



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: 0.41 ng

RT: 5.37 min Scan# 161

Delta R.T. -0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

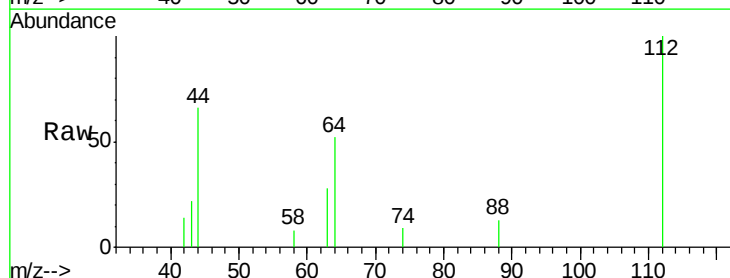
Tgt Ion: 112 Resp: 1806

Ion Ratio Lower Upper

112 100

64 66.7 53.7 80.5

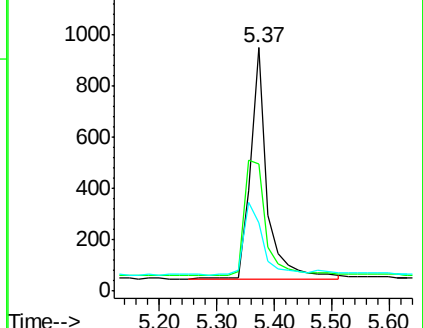
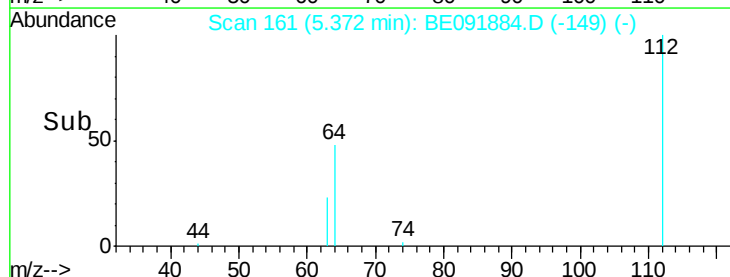
63 36.0 29.5 44.3

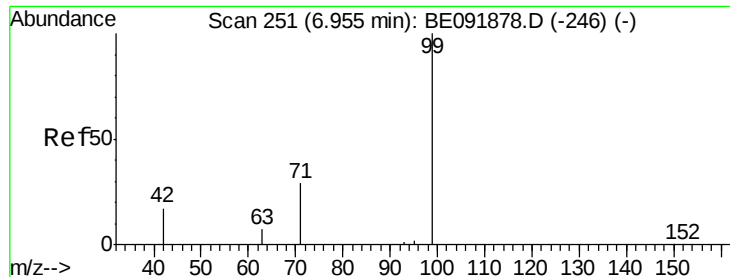


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.41 ng

RT: 6.94 min Scan# 250

Delta R.T. -0.02 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

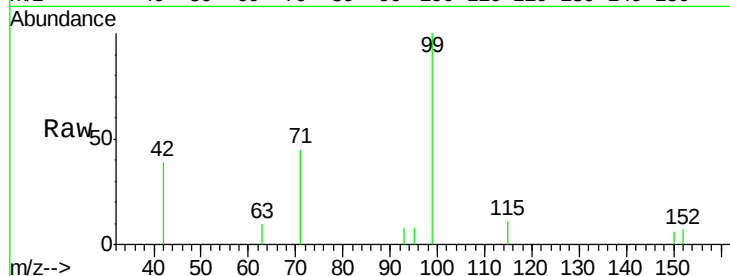
Tot Ion: 99 Resp: 2251

Ion Ratio Lower Upper

99 100

42 23.5 19.6 29.4

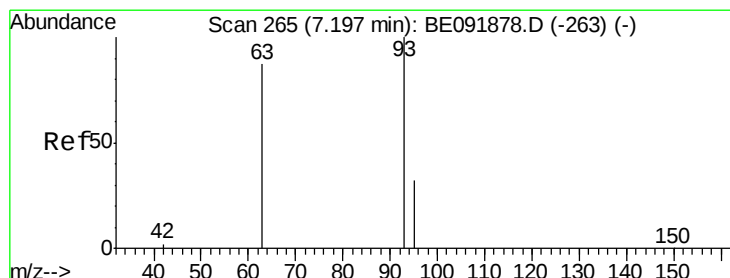
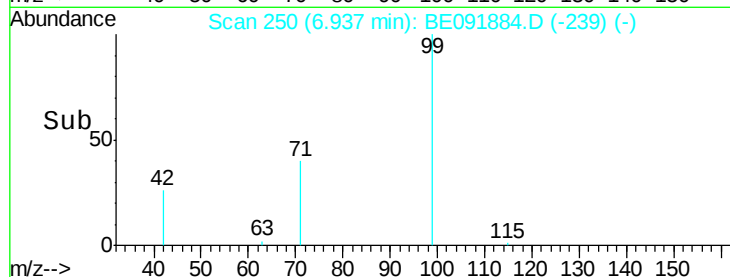
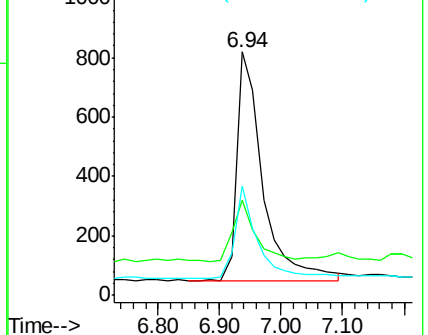
71 36.0 28.1 42.1



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: 0.40 ng

RT: 7.20 min Scan# 265

Delta R.T. -0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

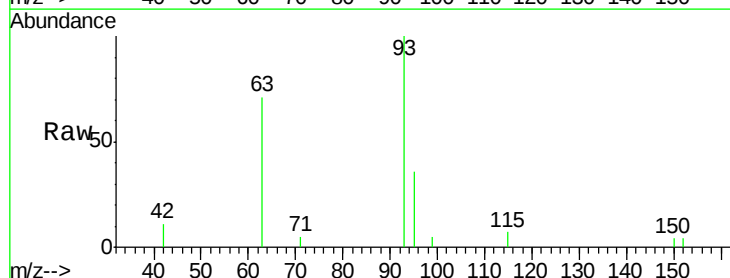
Tgt Ion: 93 Resp: 2354

Ion Ratio Lower Upper

93 100

63 83.2 66.2 99.4

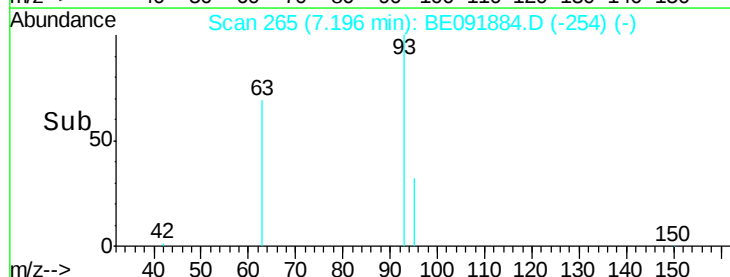
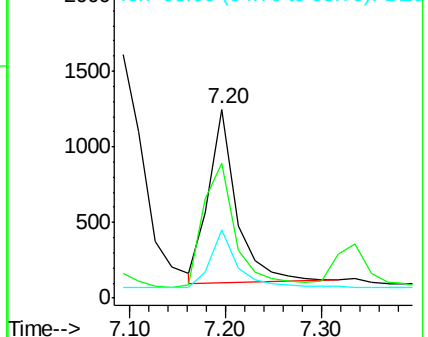
95 33.7 25.5 38.3

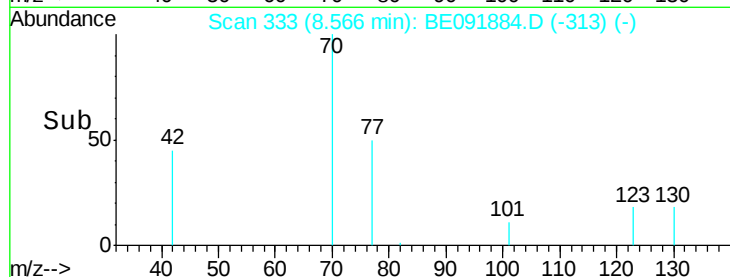
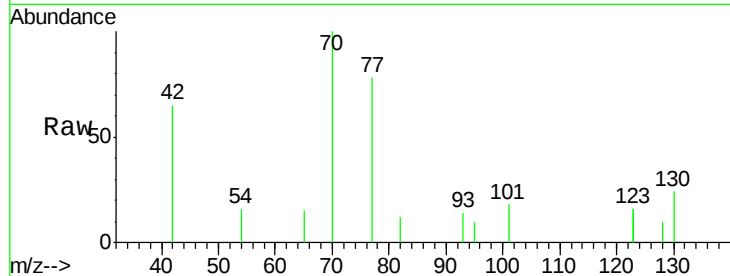
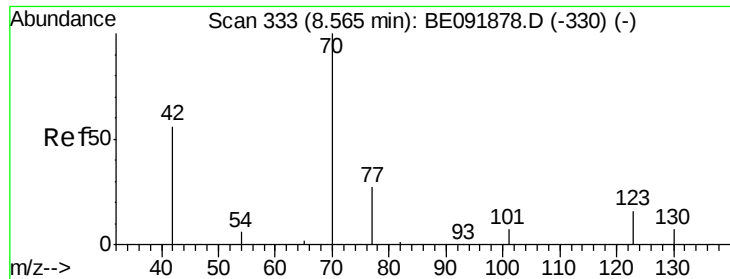


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 0.38 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

Tot Ion: 70 Resp: 1785

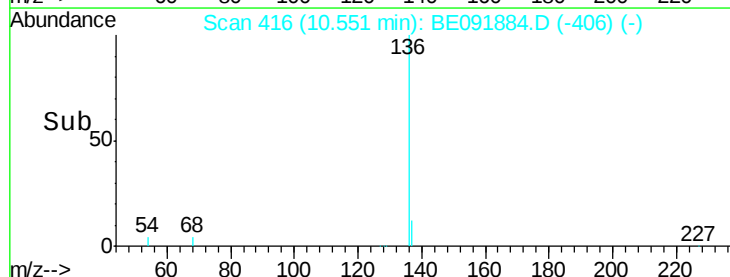
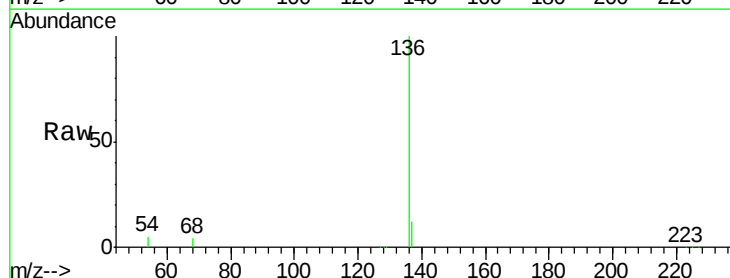
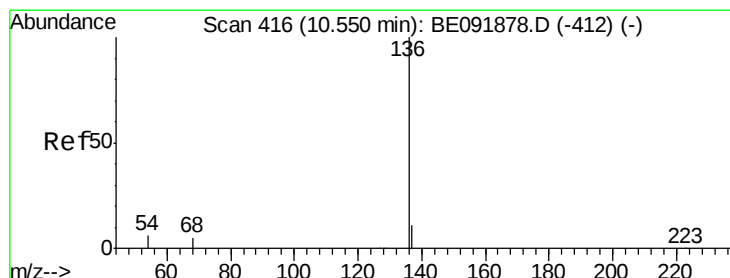
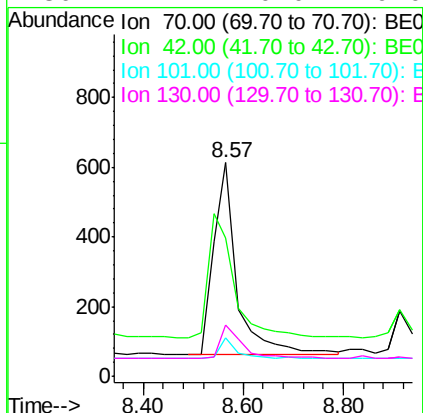
Ion Ratio Lower Upper

70 100

42 0.0 58.4 87.6#

101 8.6 6.4 9.6

130 17.1 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: BE091884.D

Acq: 7 Jun 2016 16:33

Tgt Ion: 136 Resp: 93915

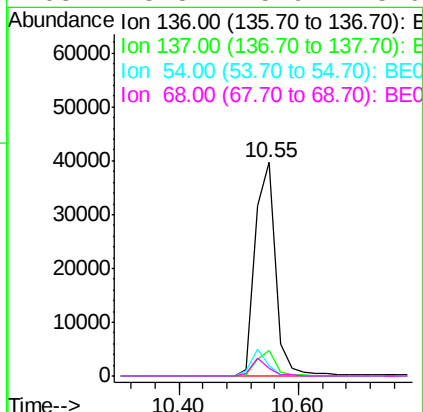
Ion Ratio Lower Upper

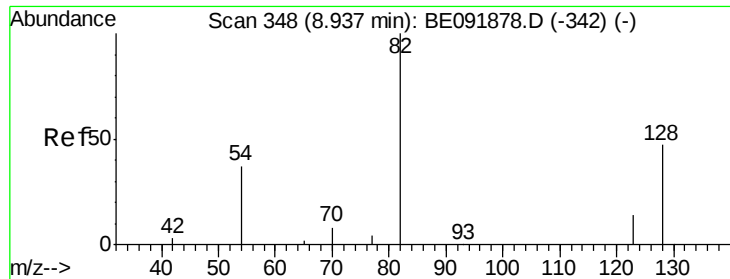
136 100

137 11.8 8.3 12.5

54 4.6 8.2 12.4#

68 3.8 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 0.38 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

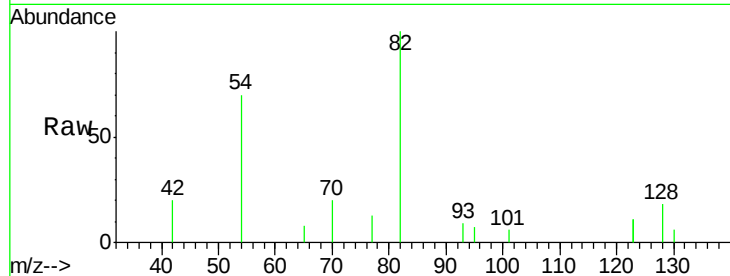
Tot Ion: 82 Resp: 2433

Ion Ratio Lower Upper

82 100

128 18.4 39.5 59.3#

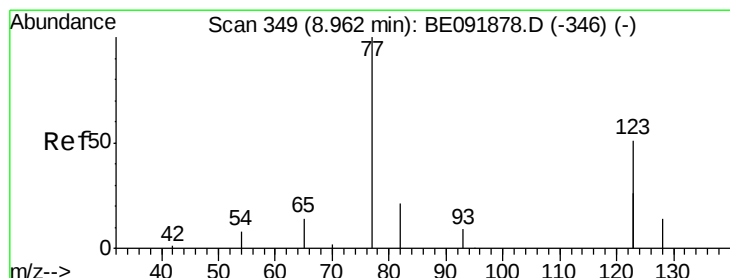
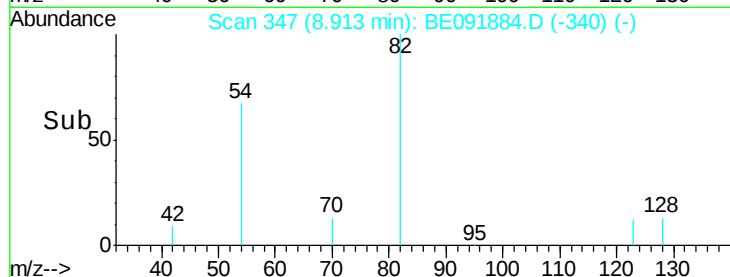
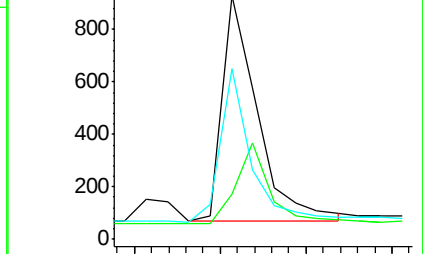
54 69.9 30.3 45.5#



Abundance Ion 82.00 (81.70 to 82.70): BE091878.D (-342) (-)

Ion 128.00 (127.70 to 128.70): BE091878.D (-342) (-)

Ion 54.00 (53.70 to 54.70): BE091878.D (-342) (-)



#10

Nitrobenzene

Concen: 0.40 ng

RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

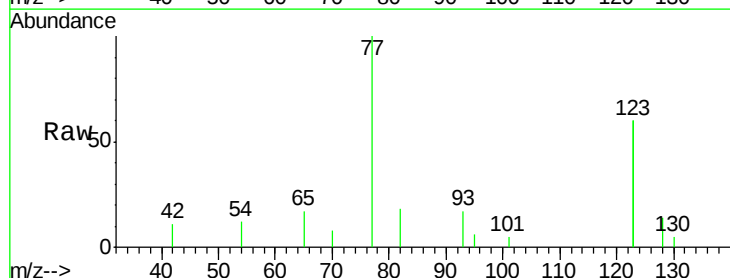
Tgt Ion: 77 Resp: 2312

Ion Ratio Lower Upper

77 100

123 148.9 0.0 0.0#

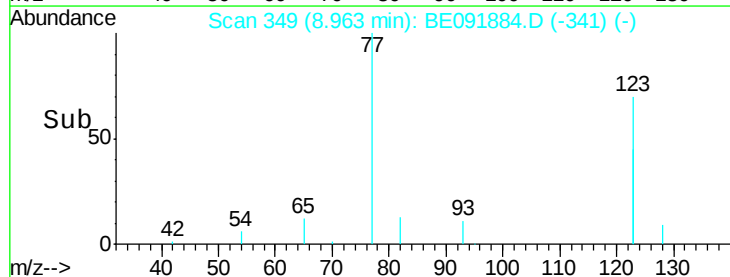
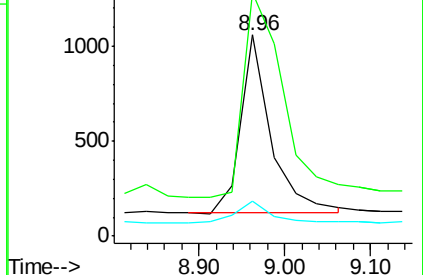
65 13.3 11.1 16.7

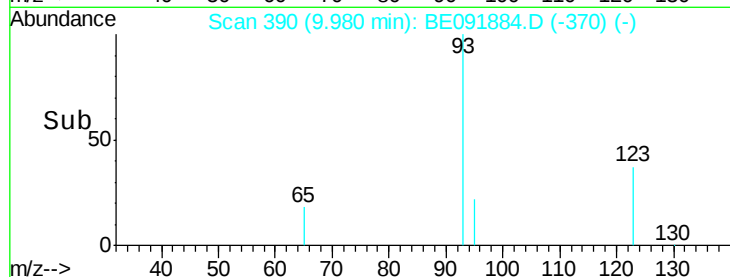
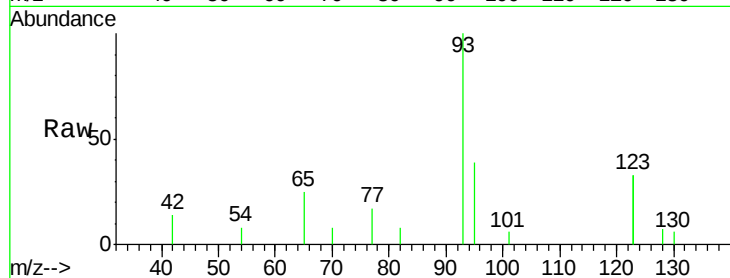
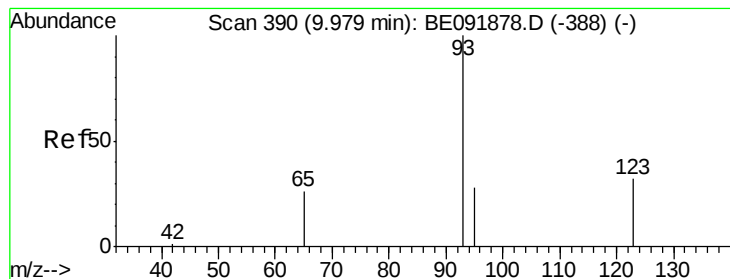


Abundance Ion 77.00 (76.70 to 77.70): BE091878.D (-346) (-)

Ion 123.00 (122.70 to 123.70): BE091878.D (-346) (-)

Ion 65.00 (64.70 to 65.70): BE091878.D (-346) (-)





#11

bis(2-Chloroethoxy)methane

Concen: 0.43 ng

RT: 9.98 min Scan# 390

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

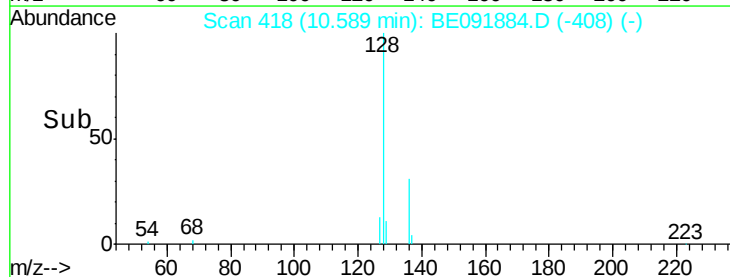
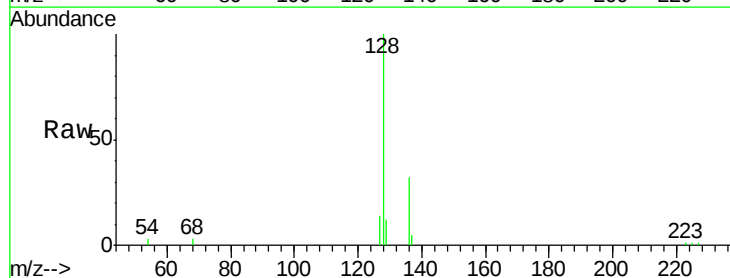
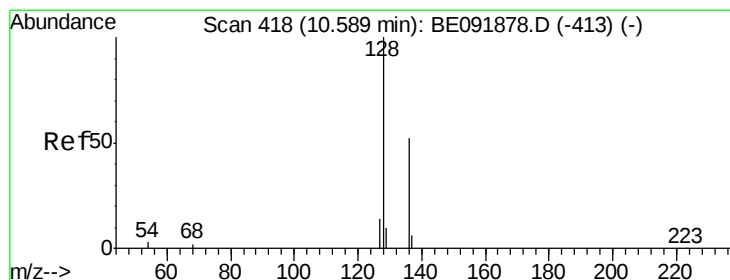
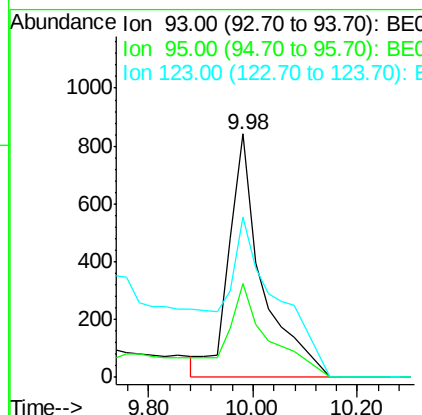
Tot Ion: 93 Resp: 4141

Ion Ratio Lower Upper

93 100

95 44.8 57.6 86.4#

123 87.1 100.2 150.4#



#12

Naphthalene

Concen: 0.43 ng

RT: 10.59 min Scan# 418

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

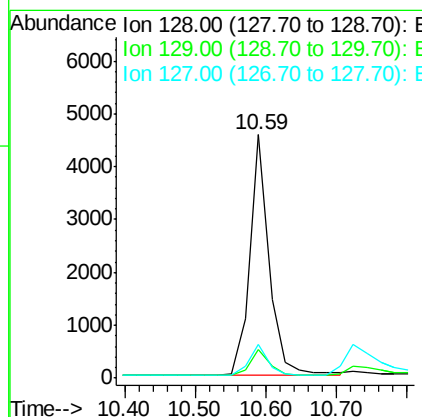
Tgt Ion: 128 Resp: 8661

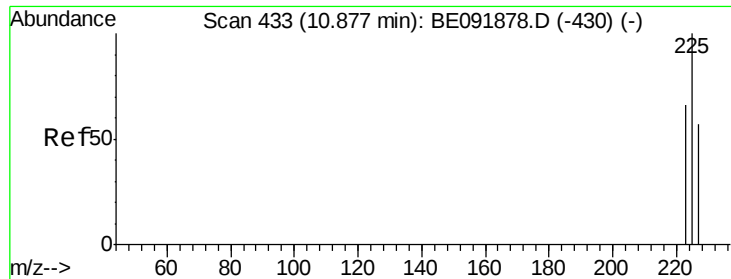
Ion Ratio Lower Upper

128 100

129 11.9 10.4 15.6

127 13.7 10.2 15.2

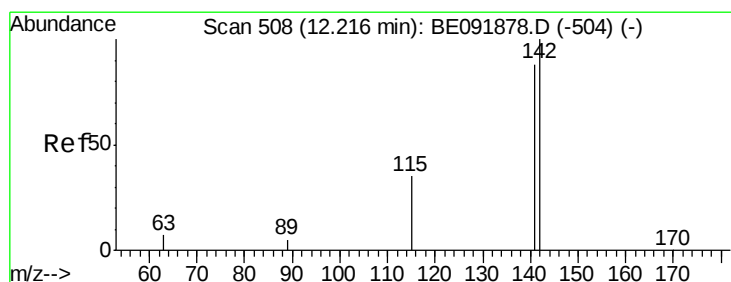
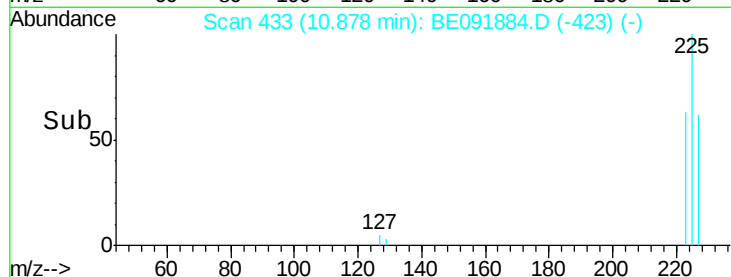
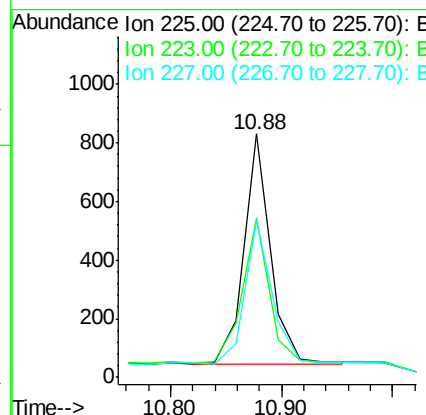
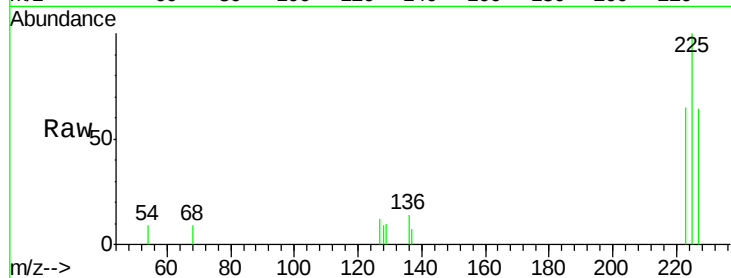




#13
Hexachlorobutadiene
Concen: 0.43 ng
RT: 10.88 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE091884.D
Acq: 7 Jun 2016 16:33

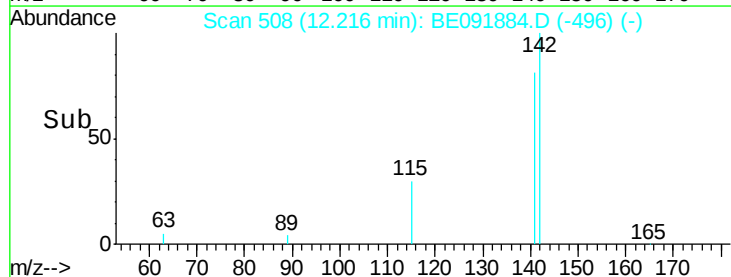
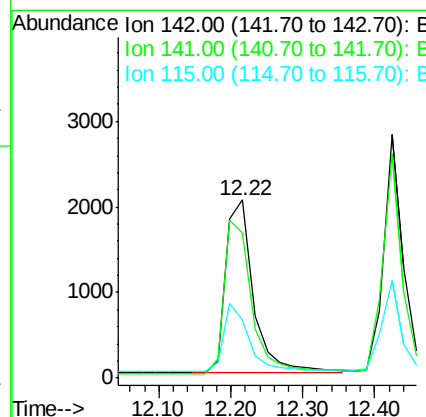
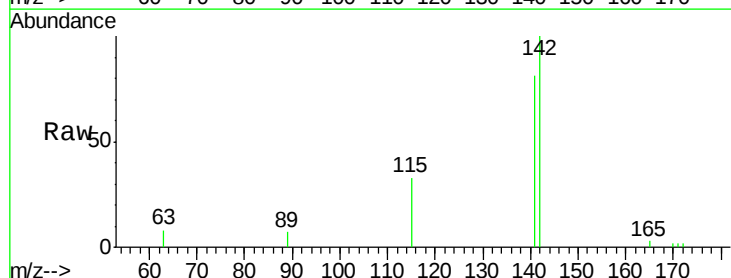
Instrument :
BNA_E
ClientSampleId :
ICVBE060716

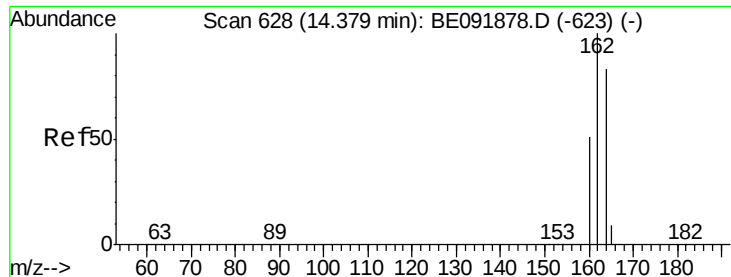
Tot Ion:225 Resp: 1302
Ion Ratio Lower Upper
225 100
223 63.7 49.8 74.8
227 62.4 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.22 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE091884.D
Acq: 7 Jun 2016 16:33

Tgt Ion:142 Resp: 5476
Ion Ratio Lower Upper
142 100
141 81.5 71.9 107.9
115 32.7 29.9 44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

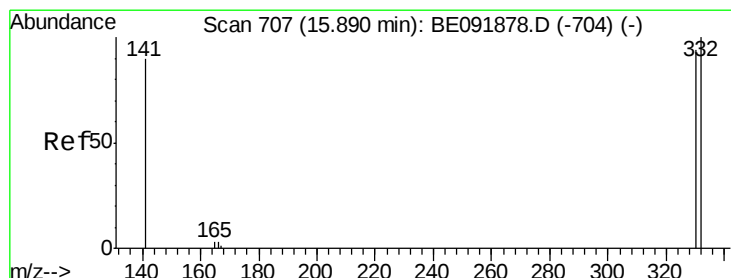
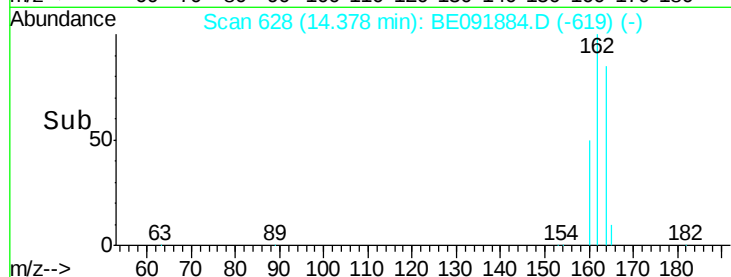
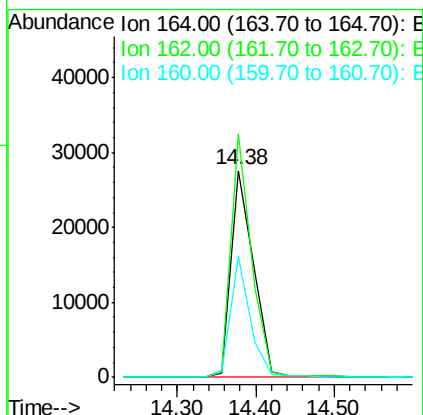
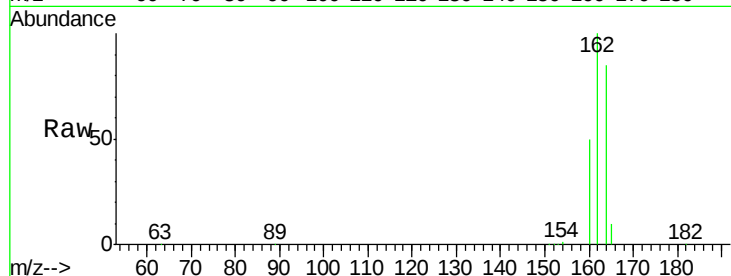
Tot Ion:164 Resp: 54701

Ion Ratio Lower Upper

164 100

162 117.8 71.8 107.8#

160 58.4 28.0 42.0#



#16

2,4,6-Tribromophenol

Concen: 0.40 ng

RT: 15.87 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

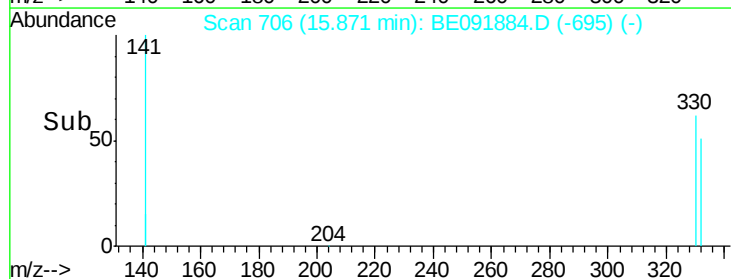
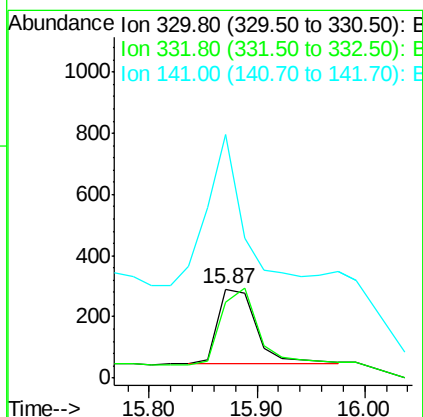
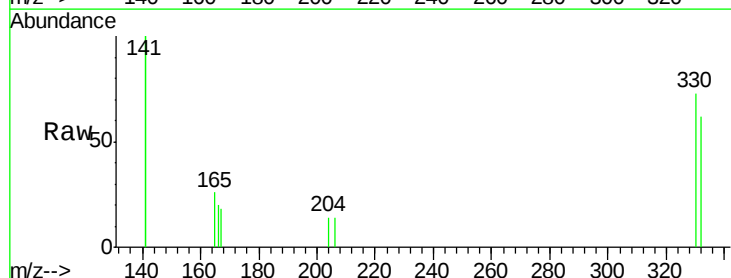
Tgt Ion:330 Resp: 616

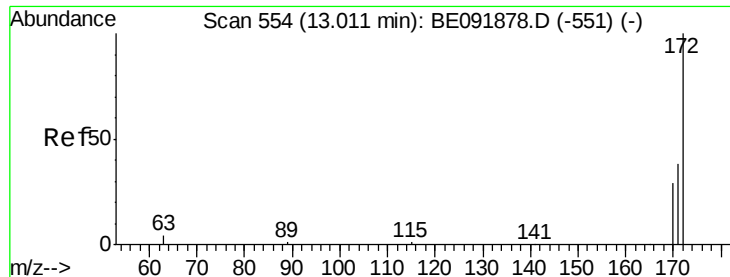
Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

141 199.8 138.4 207.6

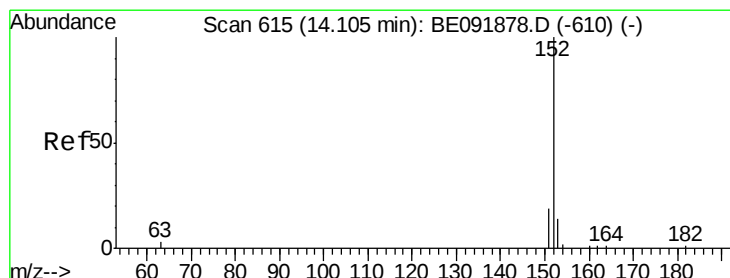
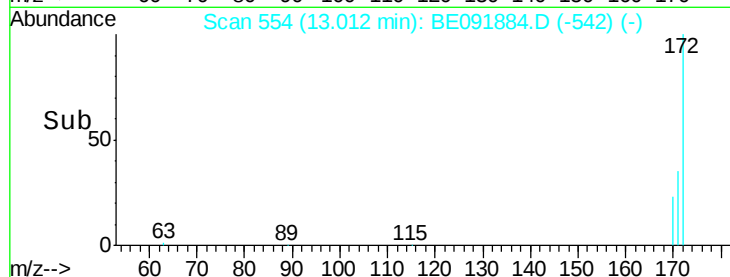
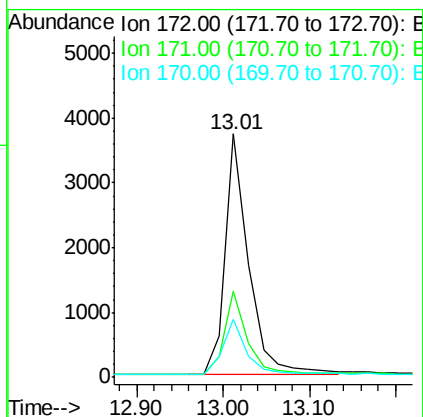
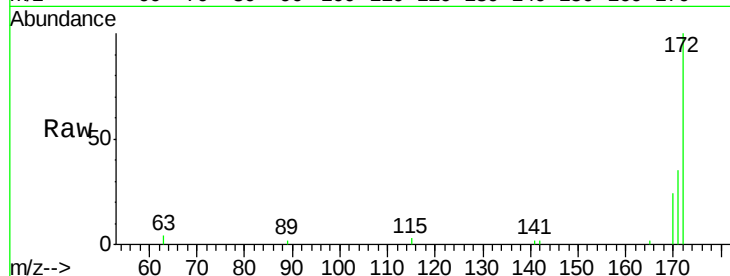




#17
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.01 min Scan# 554
Delta R.T. 0.00 min
Lab File: BE091884.D
Acq: 7 Jun 2016 16:33

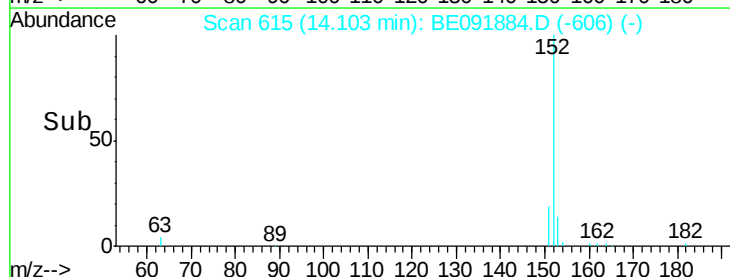
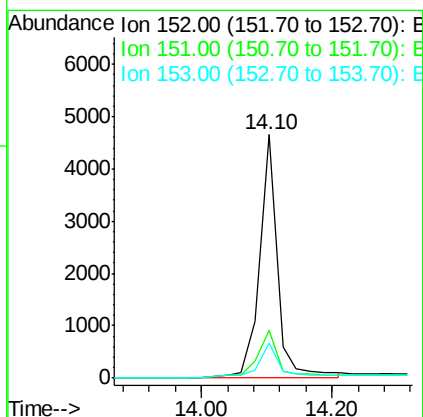
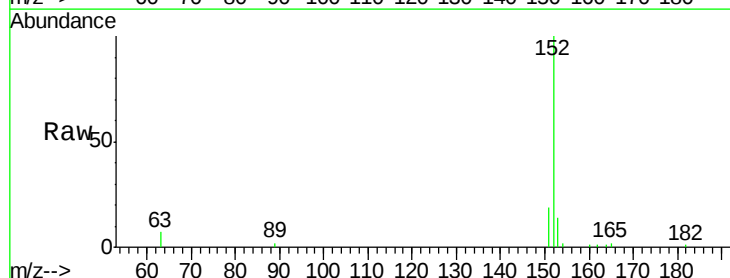
Instrument :
BNA_E
ClientSampleId :
ICVBE060716

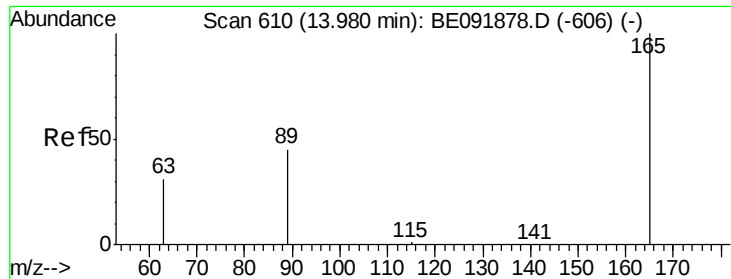
Tot Ion:172 Resp: 7039
Ion Ratio Lower Upper
172 100
171 35.4 24.3 36.5
170 24.0 14.9 22.3#



#18
Acenaphthylene
Concen: 0.39 ng
RT: 14.10 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE091884.D
Acq: 7 Jun 2016 16:33

Tgt Ion:152 Resp: 9604
Ion Ratio Lower Upper
152 100
151 25.1 19.4 29.2
153 18.9 14.4 21.6

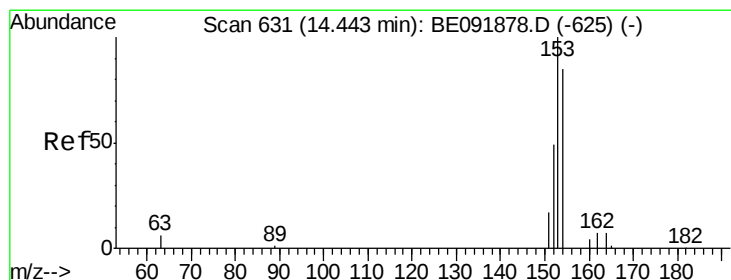
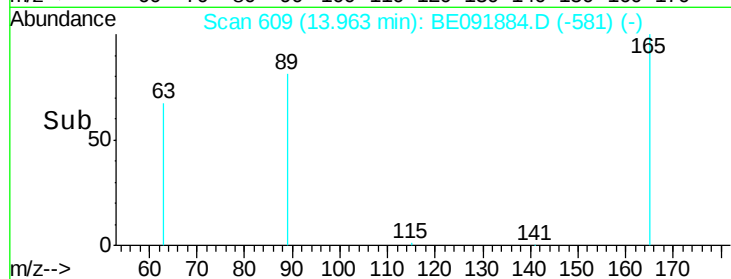
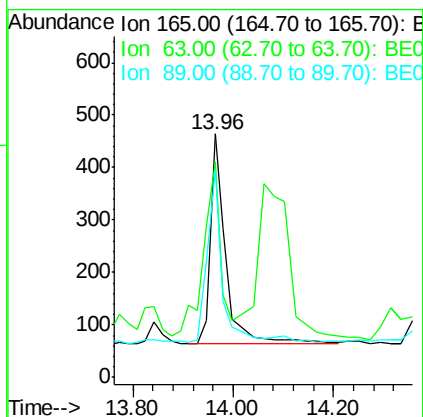
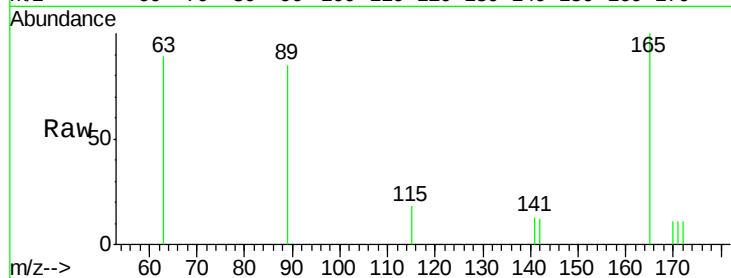




#19
2,6-Dinitrotoluene
Concen: 0.39 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091884.D
Acq: 7 Jun 2016 16:33

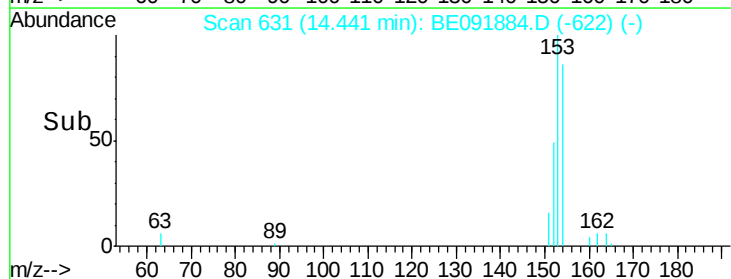
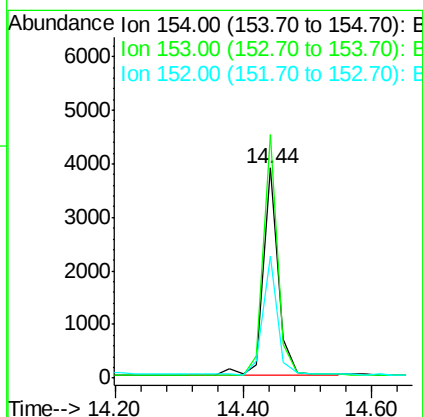
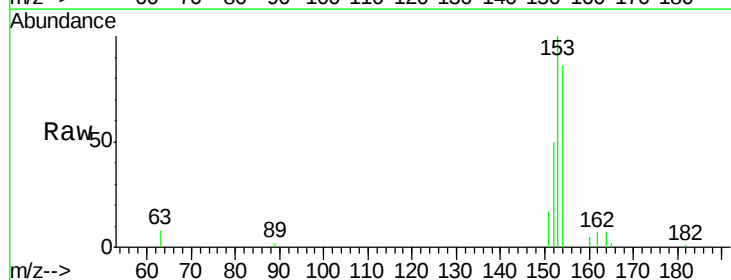
Instrument :
BNA_E
ClientSampleId :
ICVBE060716

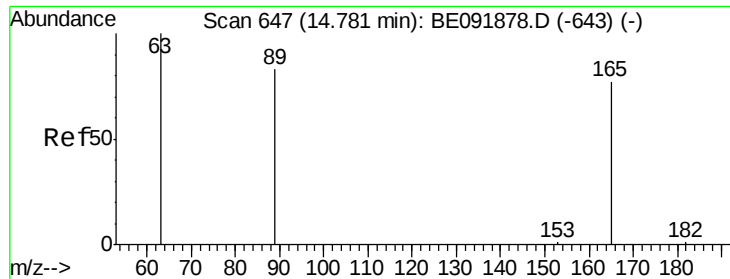
Tot Ion:165 Resp: 966
Ion Ratio Lower Upper
165 100
63 82.9 65.9 98.9
89 81.0 59.1 88.7



#20
Acenaphthene
Concen: 0.42 ng
RT: 14.44 min Scan# 631
Delta R.T. -0.00 min
Lab File: BE091884.D
Acq: 7 Jun 2016 16:33

Tgt Ion:154 Resp: 6413
Ion Ratio Lower Upper
154 100
153 109.8 88.1 132.1
152 53.5 44.2 66.2

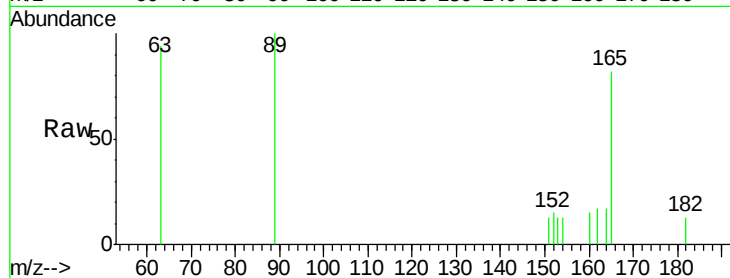




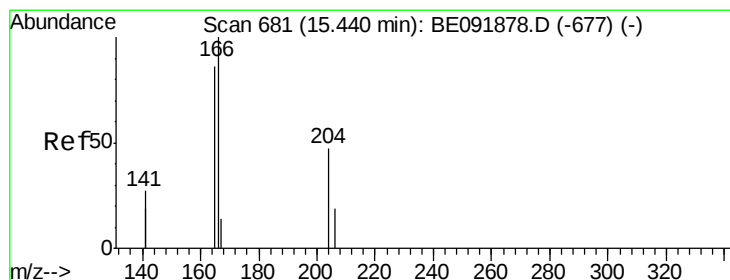
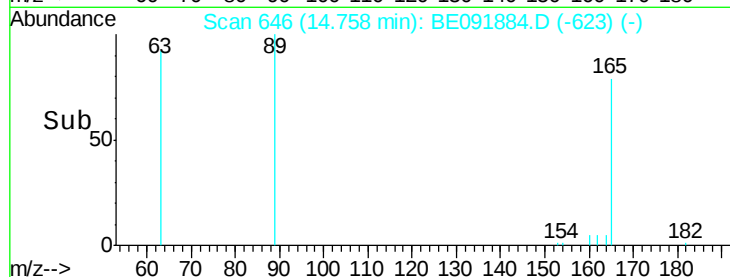
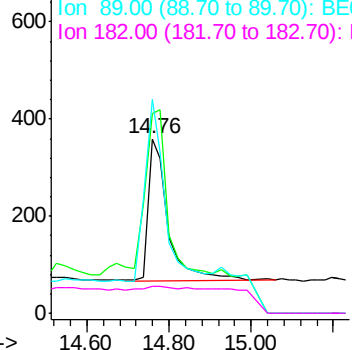
#21
2,4-Dinitrotoluene
Concen: 0.42 ng
RT: 14.76 min Scan# 646
Delta R.T. -0.02 min
Lab File: BE091884.D
Acq: 7 Jun 2016 16:33

Instrument :
BNA_E
ClientSampleId :
ICVBE060716

Tot Ion:165 Resp: 1055
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 119.4 99.8 149.8
182 0.0 0.0 0.0

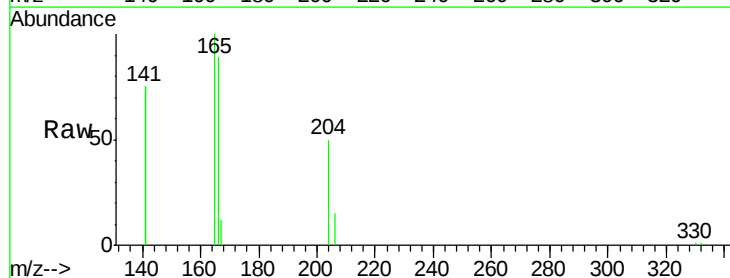


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

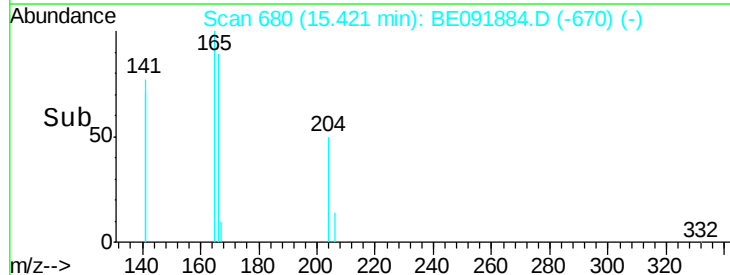
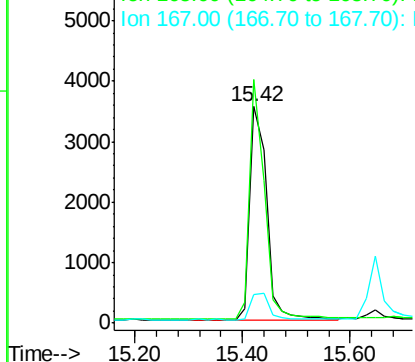


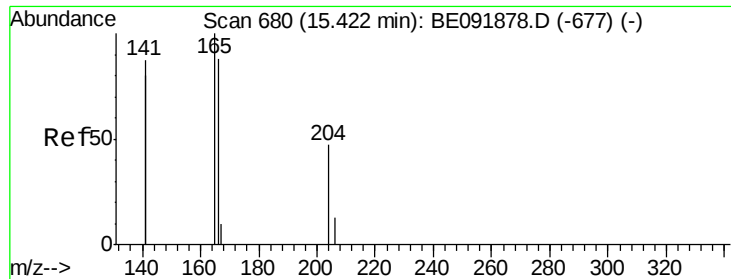
#22
Fluorene
Concen: 0.41 ng
RT: 15.42 min Scan# 680
Delta R.T. -0.02 min
Lab File: BE091884.D
Acq: 7 Jun 2016 16:33

Tgt Ion:166 Resp: 7586
Ion Ratio Lower Upper
166 100
165 99.3 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

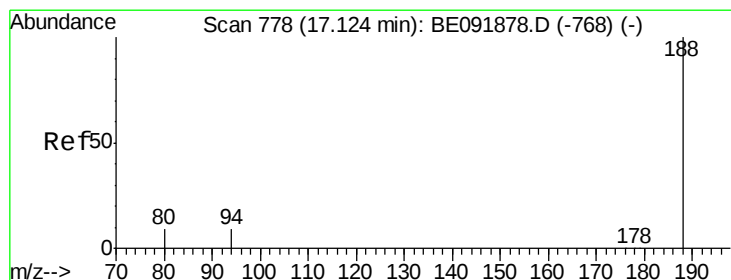
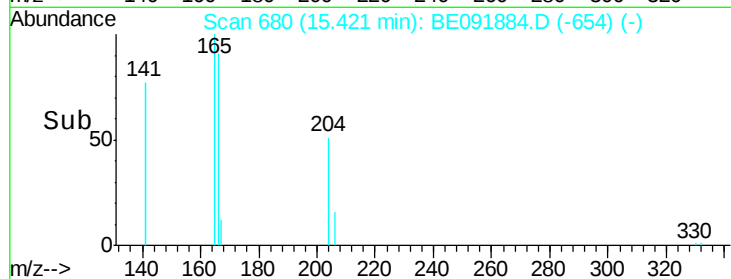
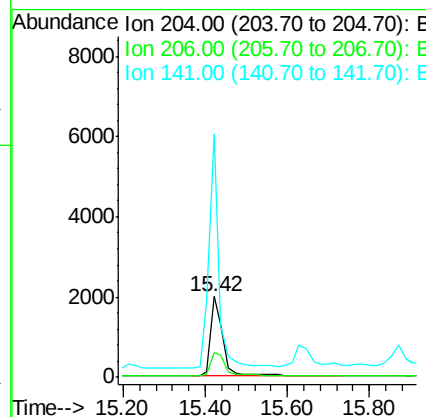
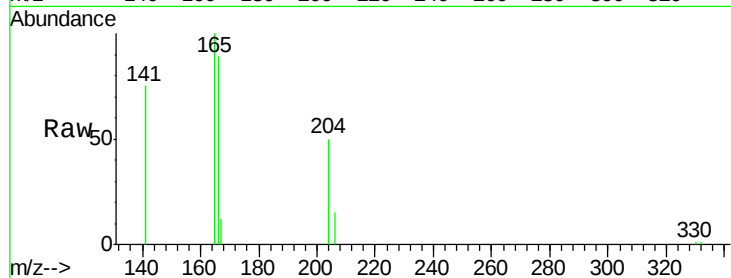




#23
 4-Chlorophenyl-phenylether
 Concen: 0.43 ng
 RT: 15.42 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BE091884.D
 Acq: 7 Jun 2016 16:33

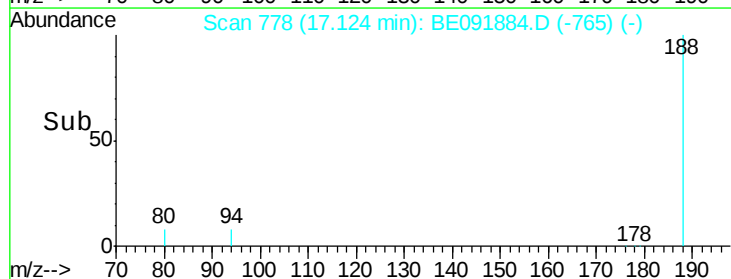
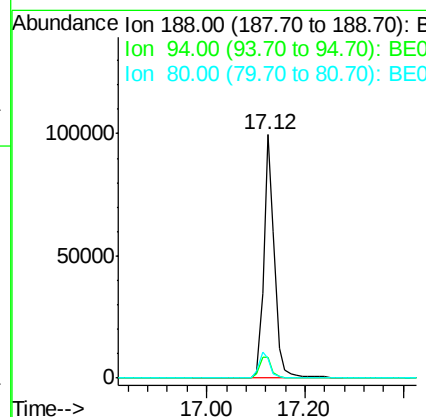
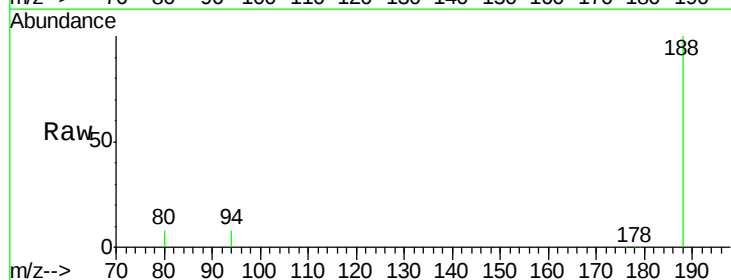
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE060716

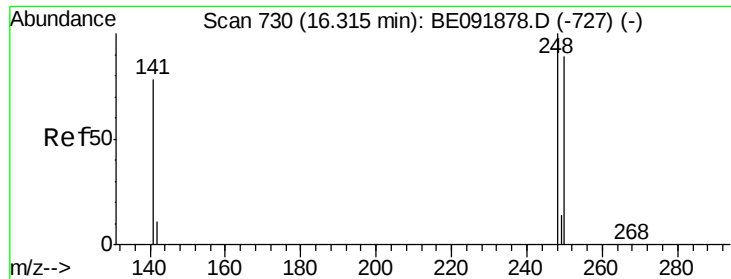
Tot Ion:204 Resp: 3868
 Ion Ratio Lower Upper
 204 100
 206 33.6 27.8 41.6
 141 270.1 197.6 296.4



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.12 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BE091884.D
 Acq: 7 Jun 2016 16:33

Tgt Ion:188 Resp: 173934
 Ion Ratio Lower Upper
 188 100
 94 8.5 4.1 6.1#
 80 8.2 3.4 5.2#

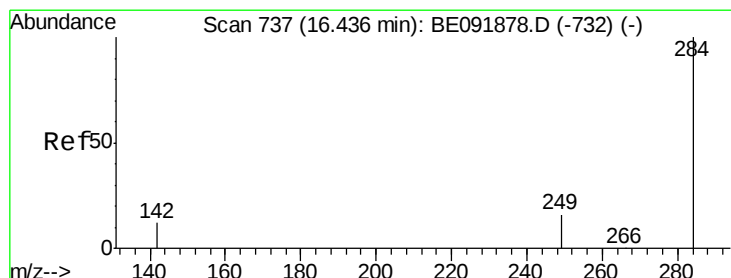
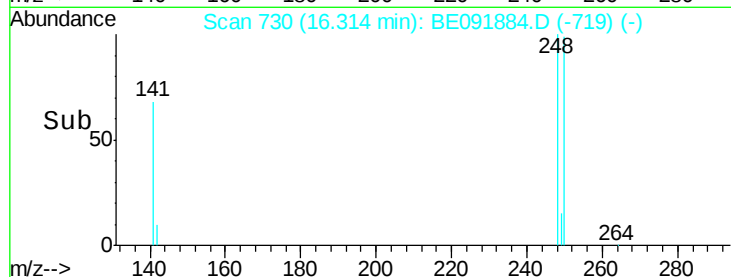
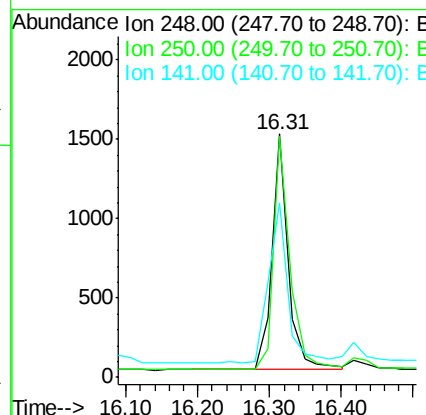
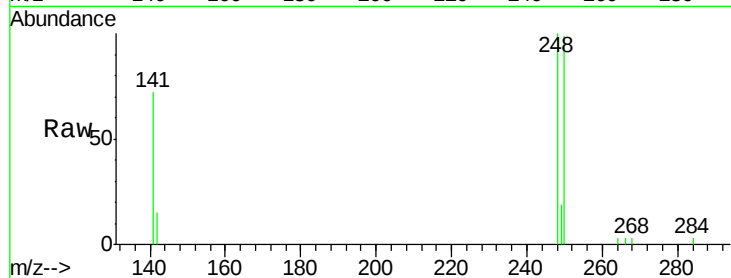




#25
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.31 min Scan# 730
Delta R.T. -0.00 min
Lab File: BE091884.D
Acq: 7 Jun 2016 16:33

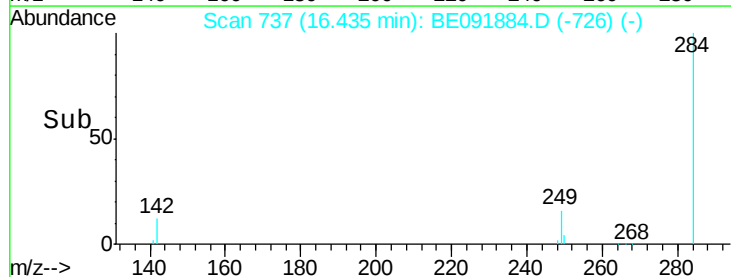
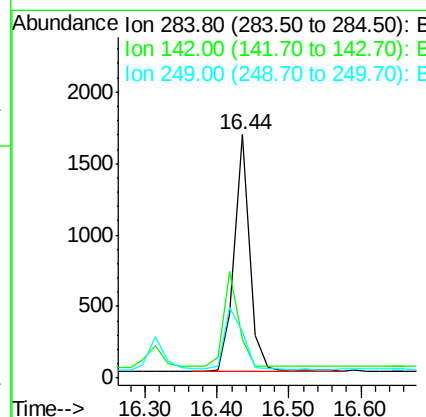
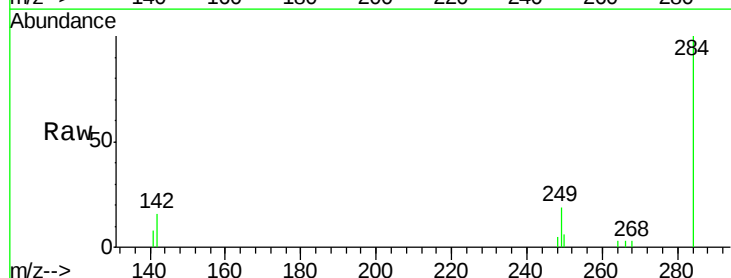
Instrument :
BNA_E
ClientSampleId :
ICVBE060716

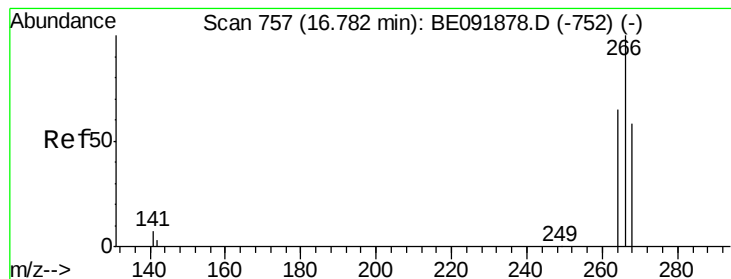
Tot Ion:248 Resp: 2371
Ion Ratio Lower Upper
248 100
250 99.2 75.7 113.5
141 82.2 64.6 97.0



#26
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.44 min Scan# 737
Delta R.T. -0.00 min
Lab File: BE091884.D
Acq: 7 Jun 2016 16:33

Tgt Ion:284 Resp: 2450
Ion Ratio Lower Upper
284 100
142 40.4 31.4 47.2
249 32.0 25.3 37.9





#27

Pentachlorophenol

Concen: 0.40 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

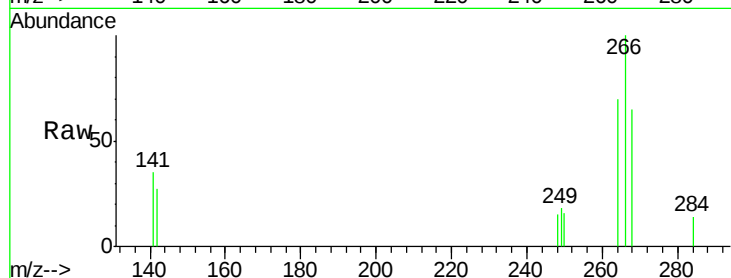
Tot Ion:266 Resp: 758

Ion Ratio Lower Upper

266 100

268 64.8 60.5 90.7

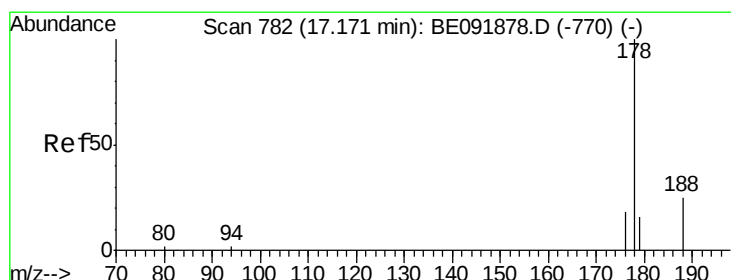
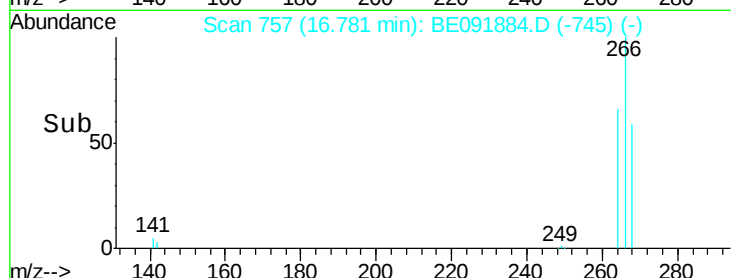
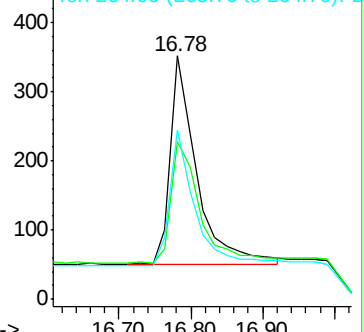
264 69.6 51.0 76.4



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: 0.38 ng

RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

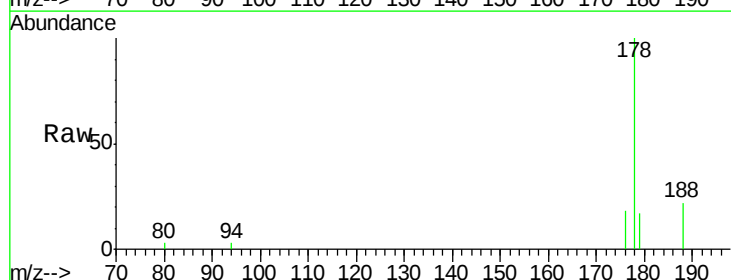
Tgt Ion:178 Resp: 15471

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

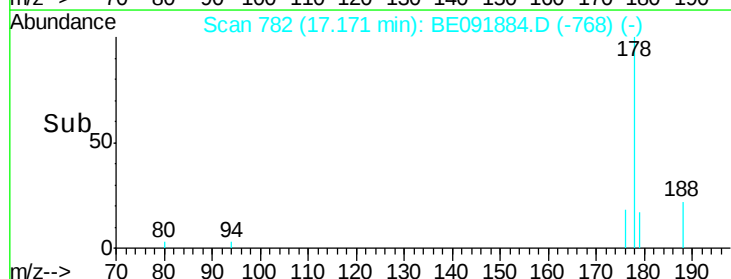
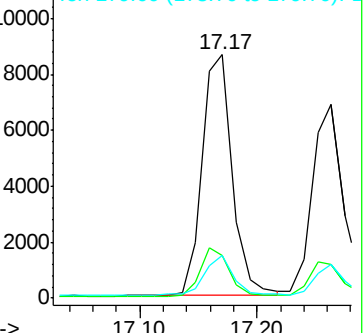
179 16.2 12.9 19.3

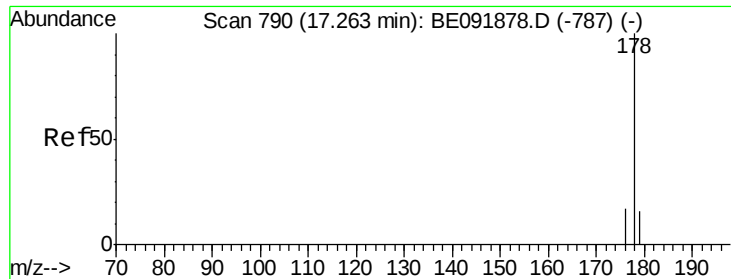


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 0.37 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

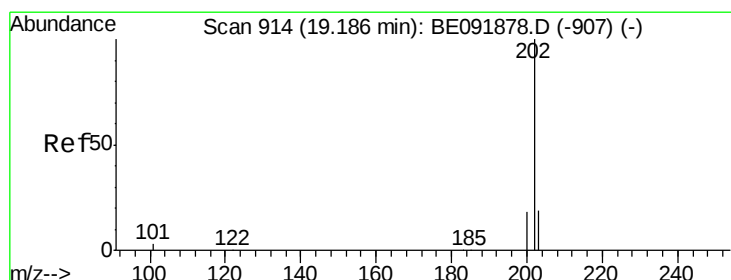
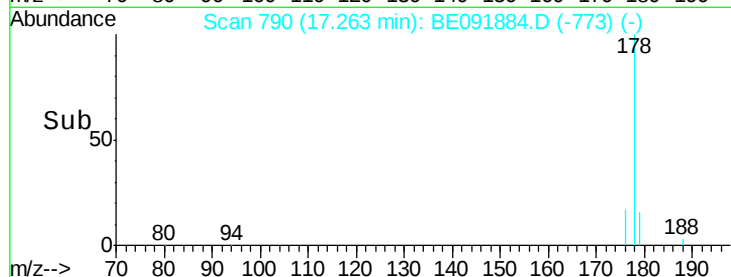
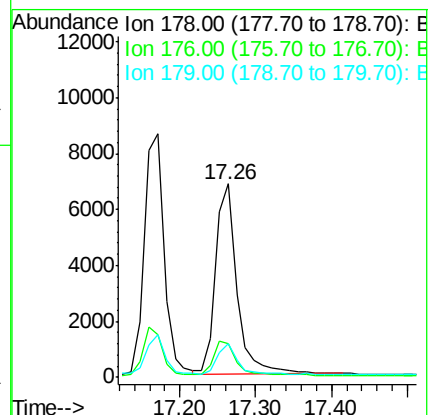
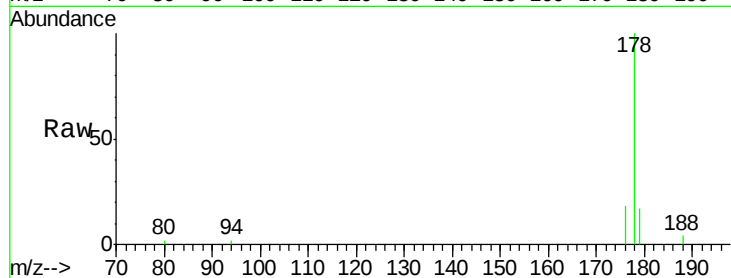
Tot Ion:178 Resp: 13295

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 14.5 12.1 18.1



#30

Fluoranthene

Concen: 0.36 ng

RT: 19.19 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

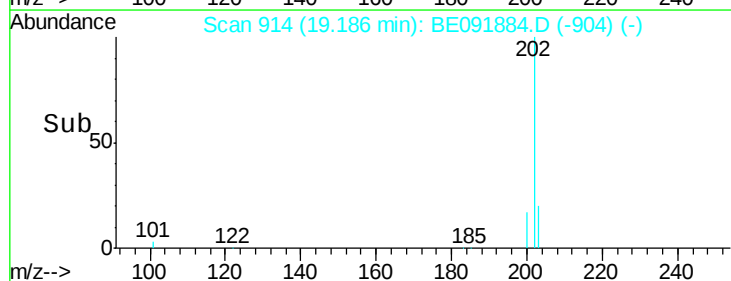
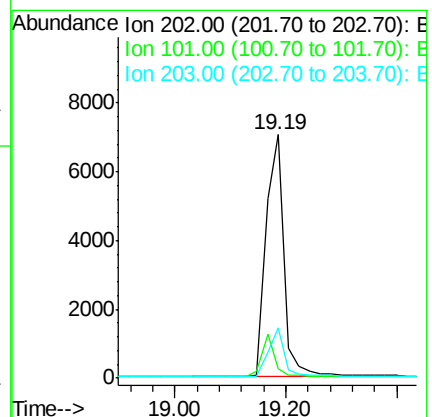
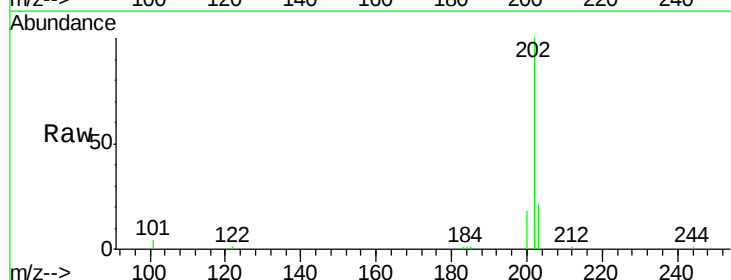
Tgt Ion:202 Resp: 15820

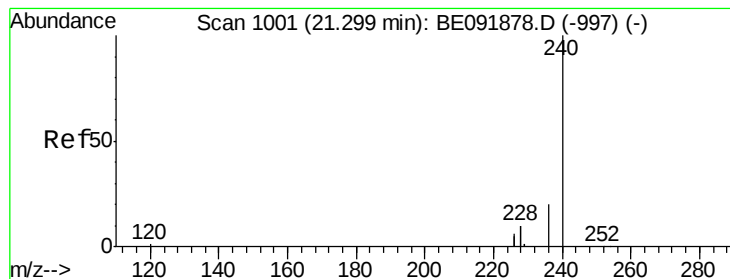
Ion Ratio Lower Upper

202 100

101 12.2 9.4 14.0

203 17.8 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: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

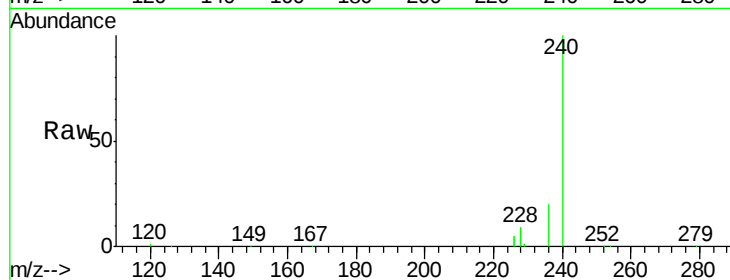
Tot Ion:240 Resp: 139121

Ion Ratio Lower Upper

240 100

120 0.9 1.2 1.8#

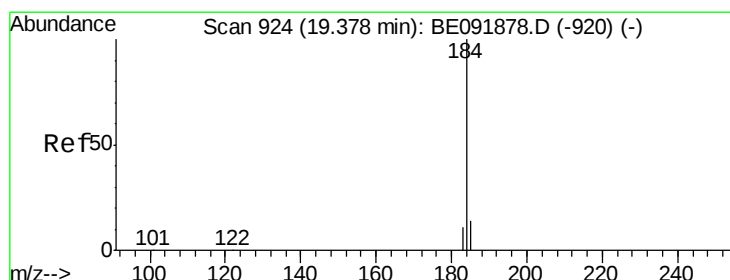
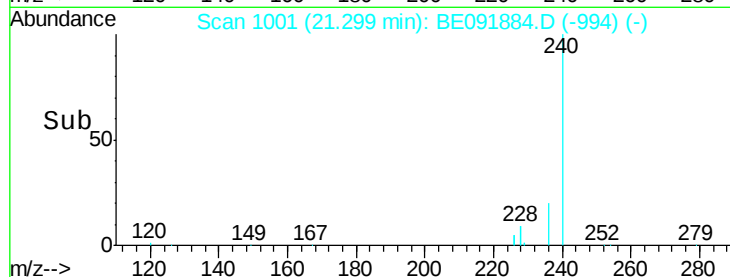
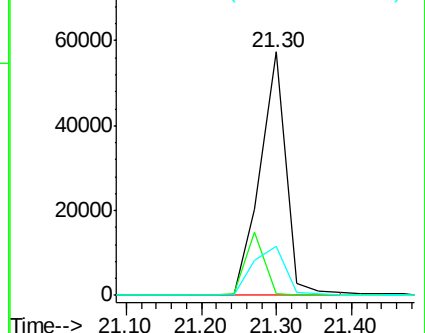
236 20.3 19.8 29.8



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: 0.24 ng

RT: 19.38 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

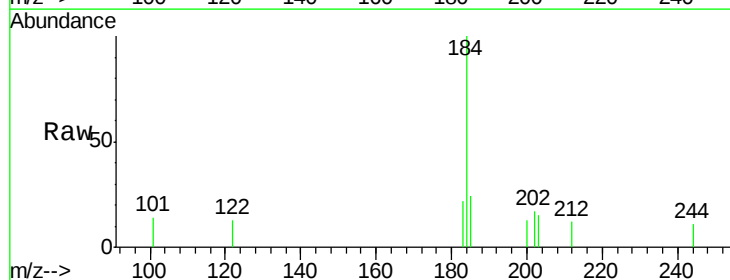
Tgt Ion:184 Resp: 1605

Ion Ratio Lower Upper

184 100

185 24.5 11.4 17.2#

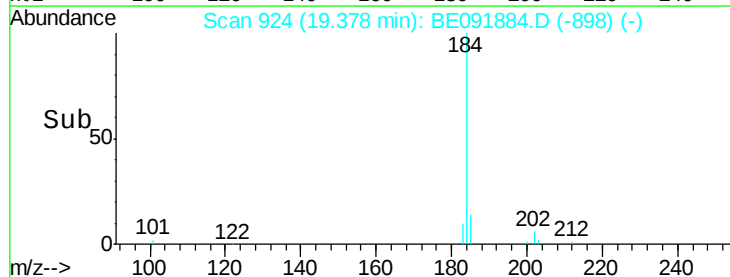
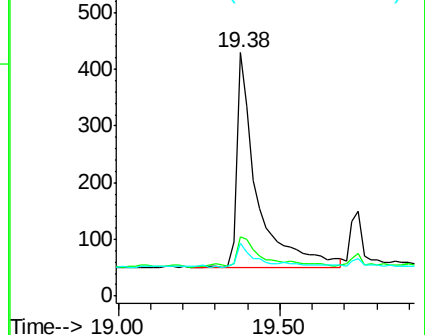
183 21.7 11.8 17.6#

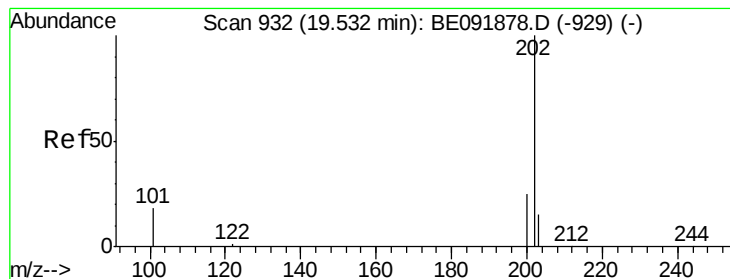


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pvrene

Concen: 0.48 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

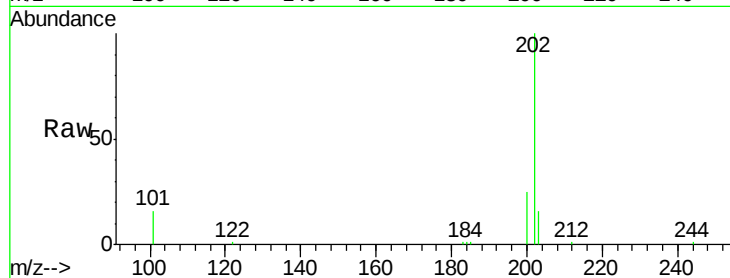
Tot Ion:202 Resp: 16987

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

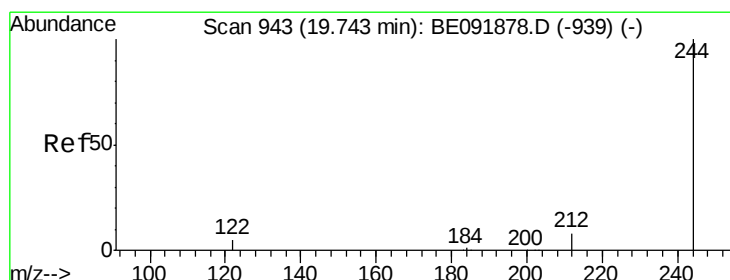
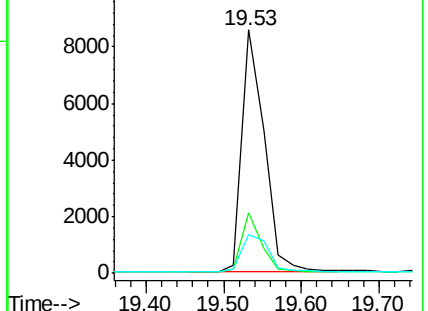
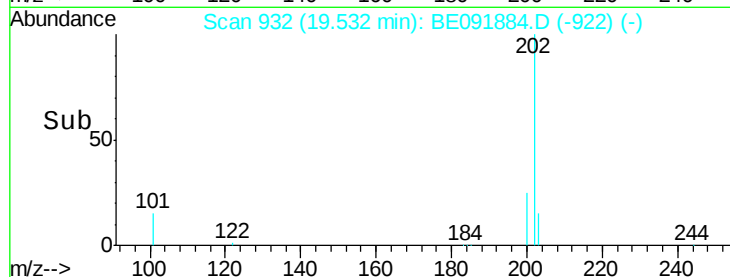
203 17.9 14.1 21.1



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: 0.43 ng

RT: 19.74 min Scan# 943

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

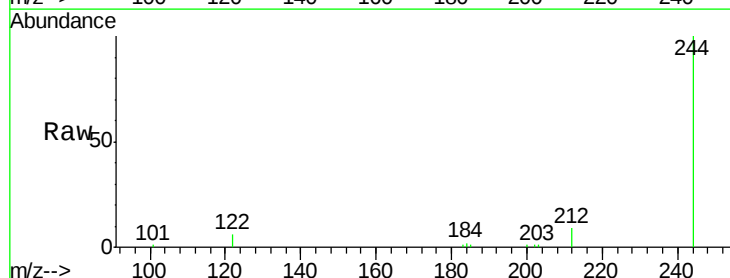
Tgt Ion:244 Resp: 12136

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

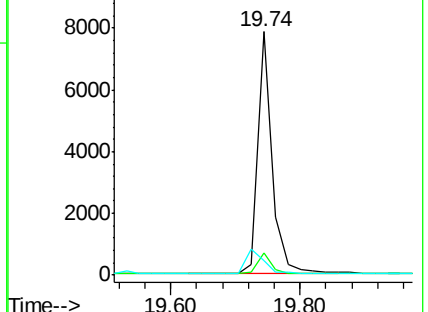
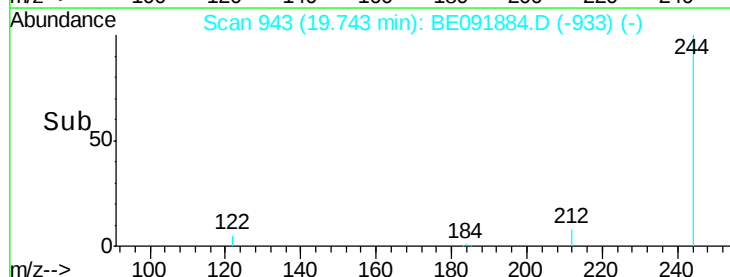
122 5.9 2.9 4.3#

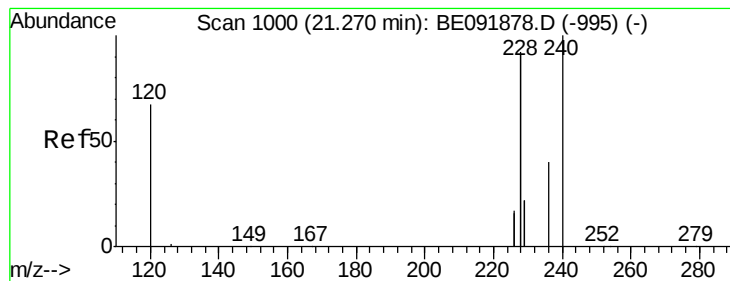


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.38 ng/mL

RT: 21.27 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

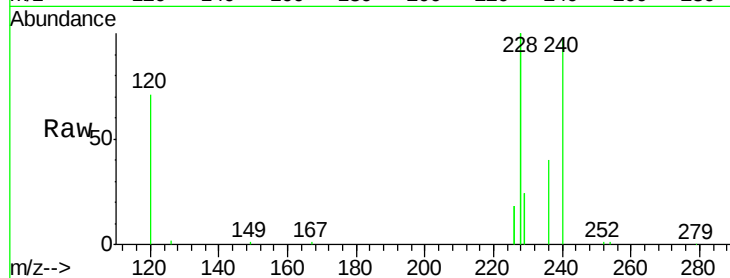
Tot Ion:228 Resp: 93814

Ion Ratio Lower Upper

228 100

226 18.5 21.0 31.4#

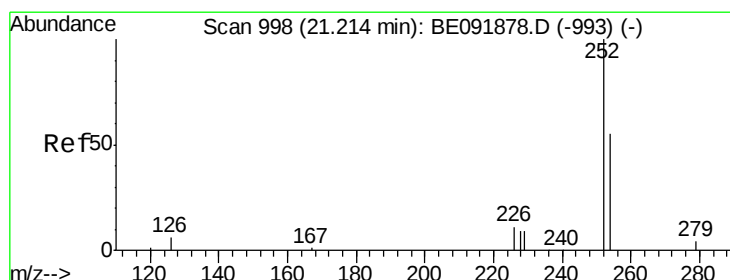
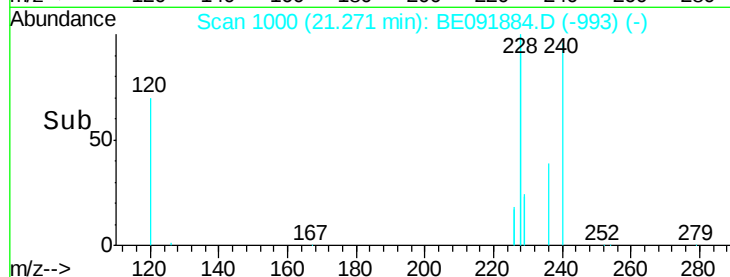
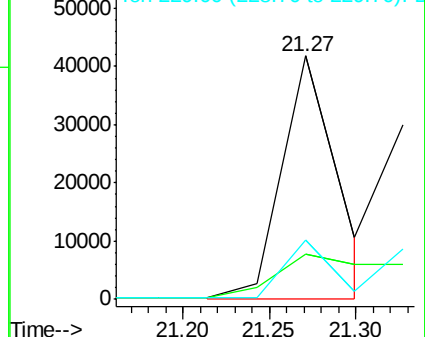
229 24.2 15.8 23.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#36

3,3'-Dichlorobenzidine

Concen: 0.39 ng/mL

RT: 21.21 min Scan# 998

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

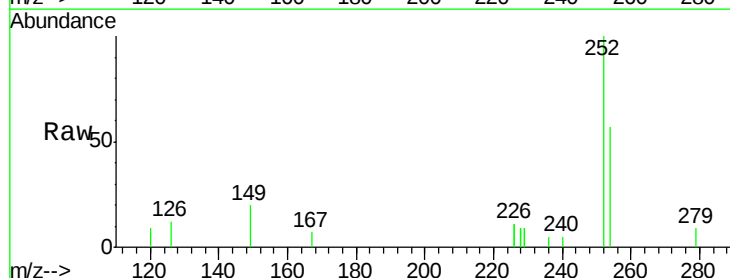
Tgt Ion:252 Resp: 3332

Ion Ratio Lower Upper

252 100

254 57.4 61.5 92.3#

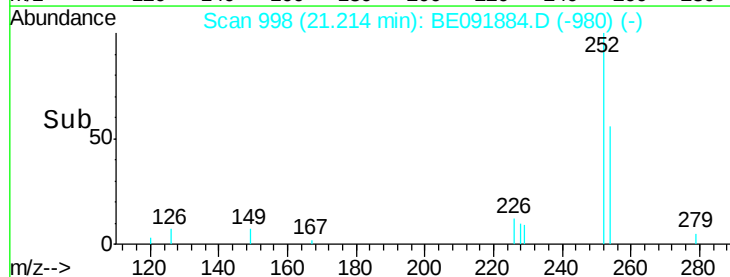
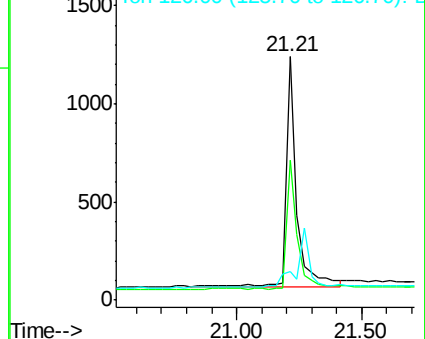
126 11.8 2.5 3.7#

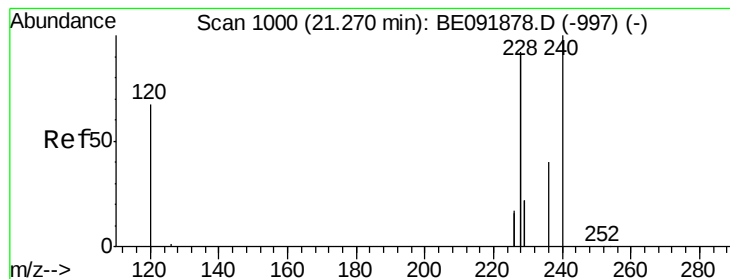


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.41 ng/mL

RT: 21.33 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleID :

ICVBE060716

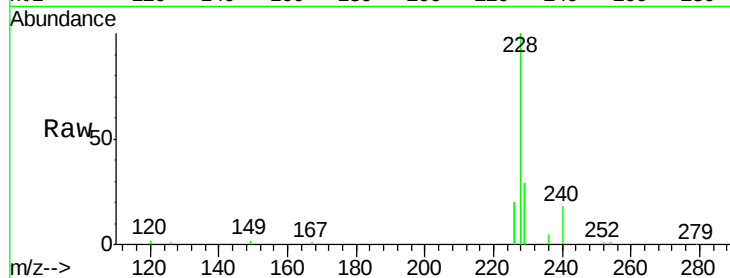
Tot Ion: 228 Resp: 58713

Ion Ratio Lower Upper

228 100

226 19.7 27.0 40.6#

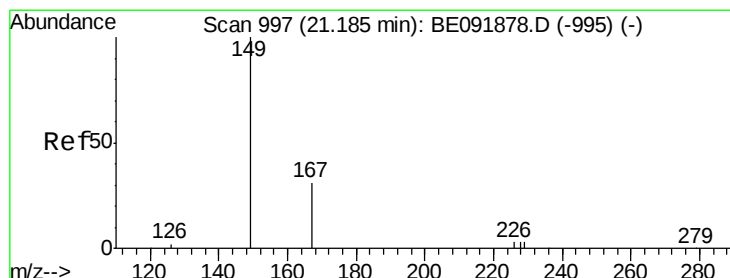
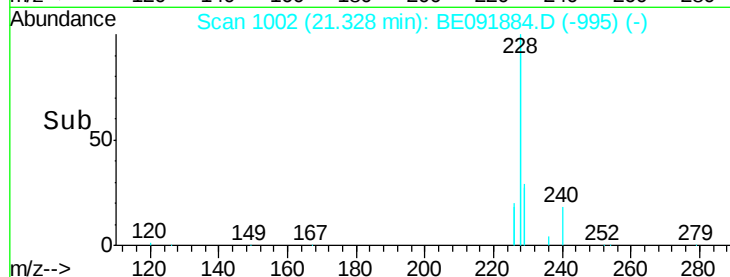
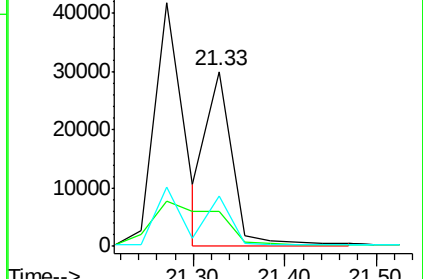
229 28.6 13.8 20.8#



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/mL

RT: 21.19 min Scan# 997

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

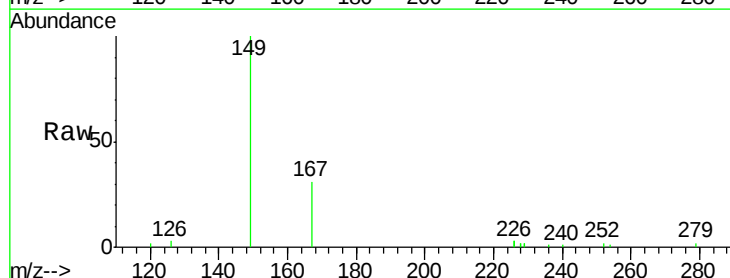
Tgt Ion: 149 Resp: 7293

Ion Ratio Lower Upper

149 100

167 30.6 0.0 0.0#

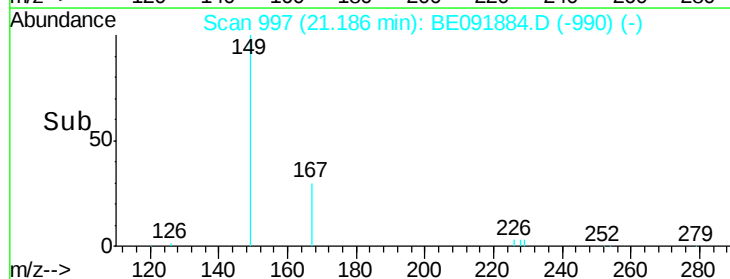
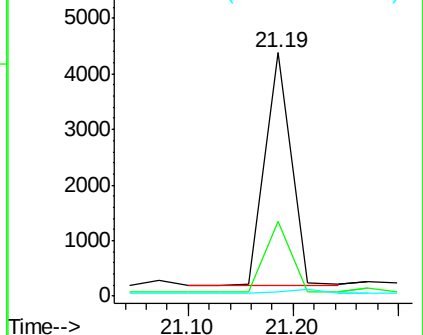
279 0.0 0.0 0.0

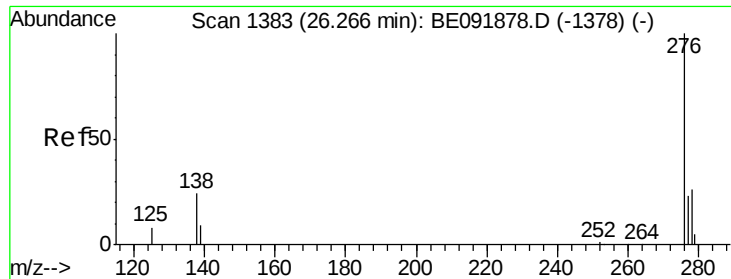


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.43 ng

RT: 26.27 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

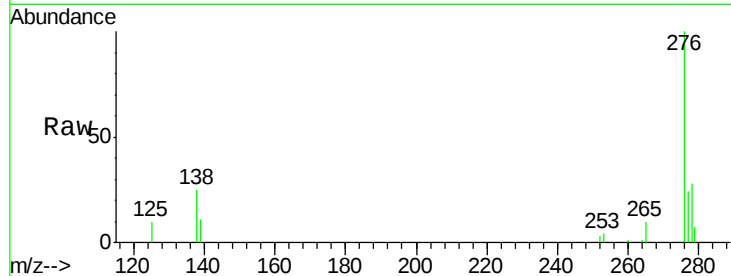
Tot Ion:276 Resp: 20432

Ion Ratio Lower Upper

276 100

138 25.1 19.7 29.5

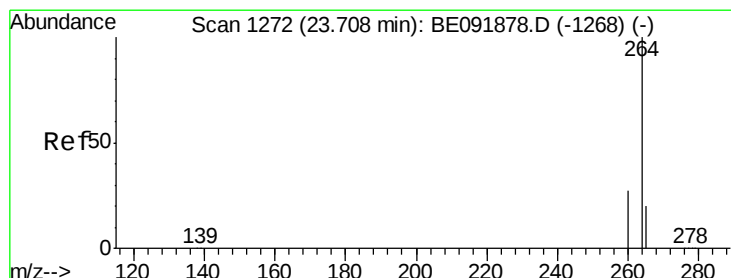
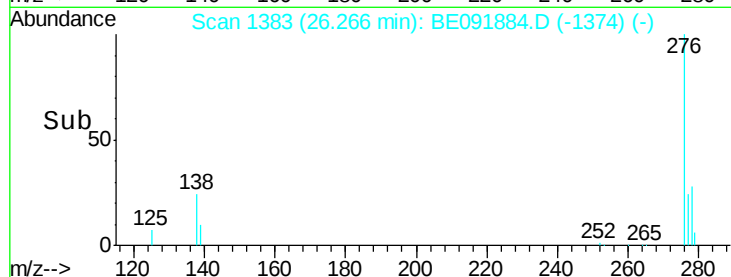
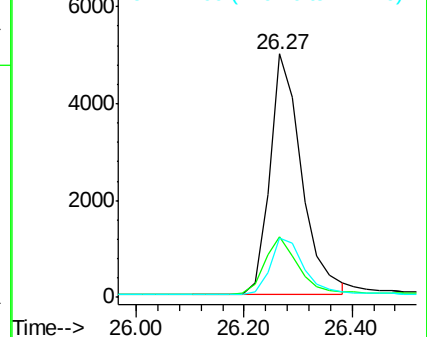
277 24.4 20.1 30.1



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: BE091884.D

Acq: 7 Jun 2016 16:33

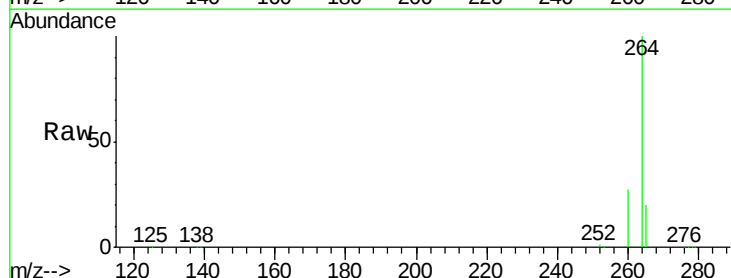
Tgt Ion:264 Resp: 187996

Ion Ratio Lower Upper

264 100

260 27.3 20.3 30.5

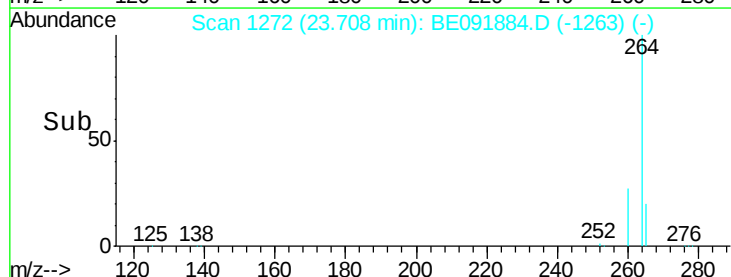
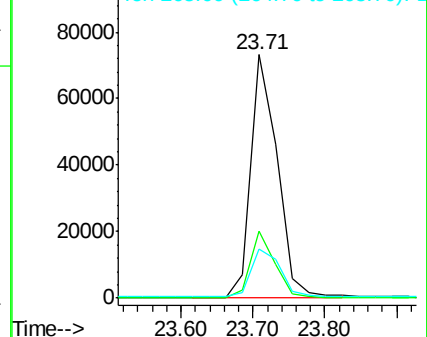
265 20.4 17.6 26.4

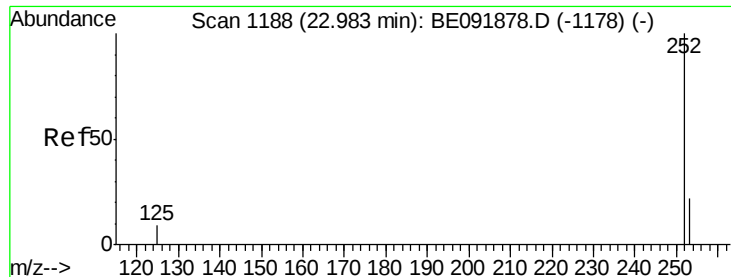


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.42 ng

RT: 22.98 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

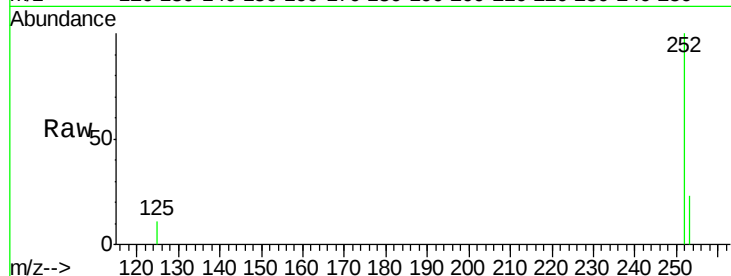
Tot Ion:252 Resp: 19094

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

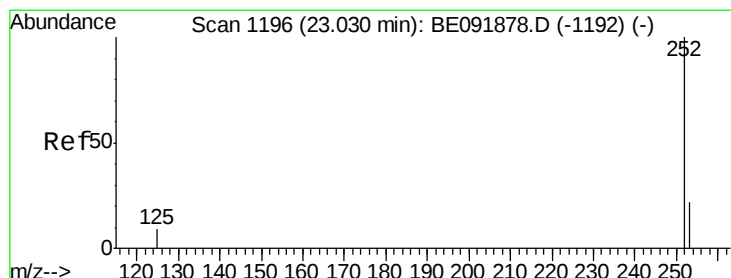
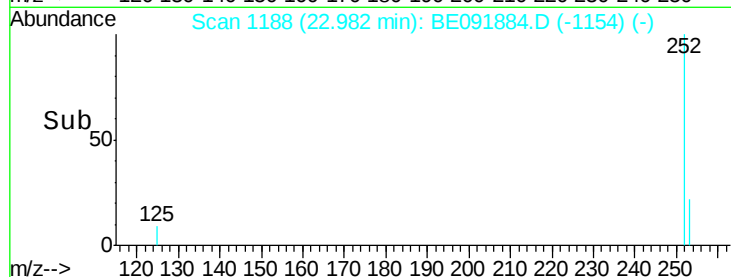
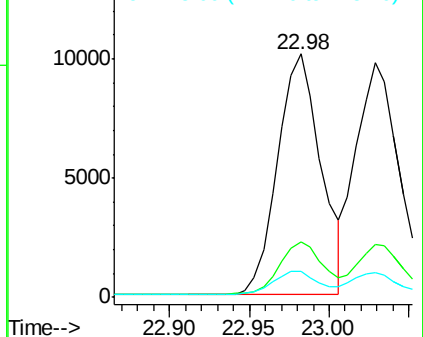
125 10.6 9.4 14.2



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: 0.40 ng

RT: 23.03 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

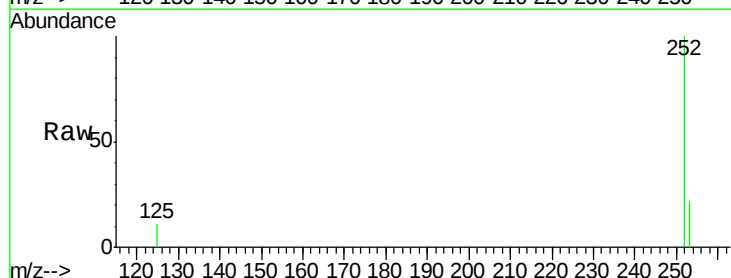
Tgt Ion:252 Resp: 19138

Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.2

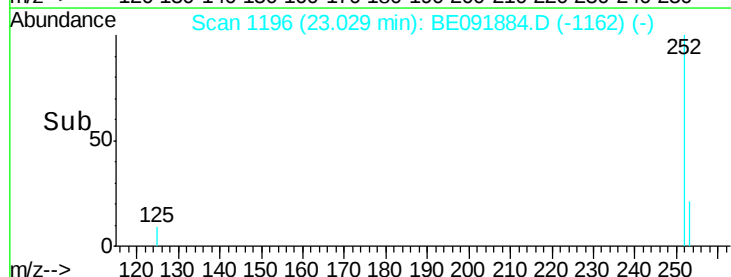
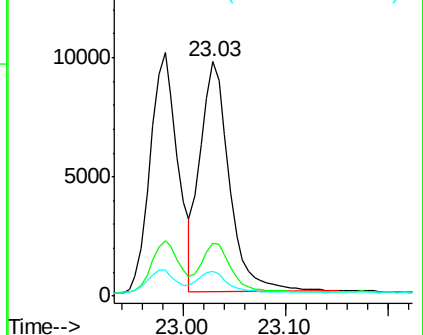
125 10.7 8.3 12.5

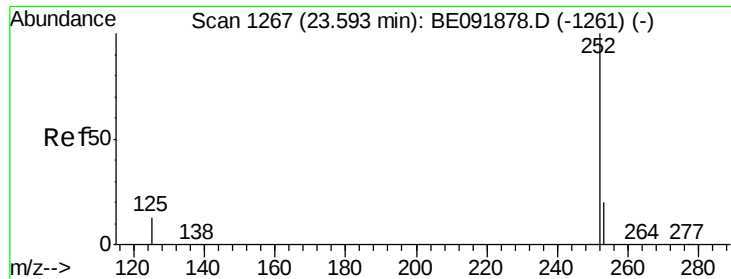


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.40 ng

RT: 23.59 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

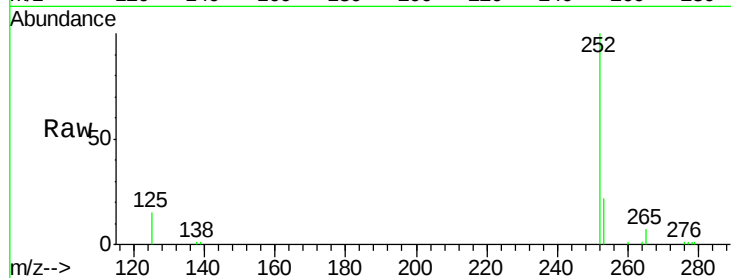
Tot Ion:252 Resp: 17326

Ion Ratio Lower Upper

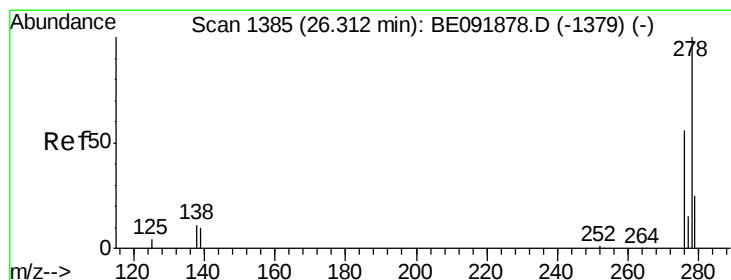
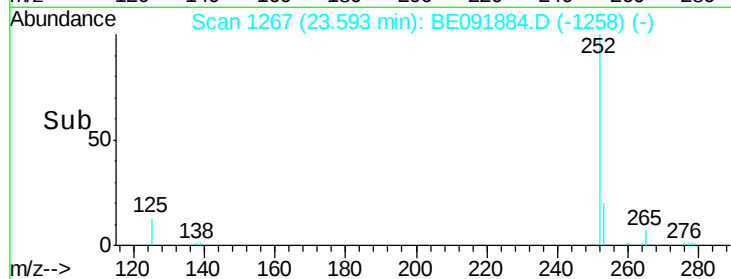
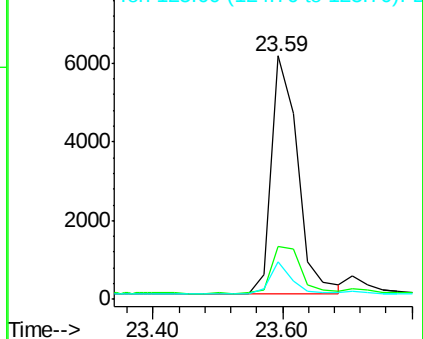
252 100

253 21.8 18.9 28.3

125 15.2 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: 0.42 ng

RT: 26.29 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

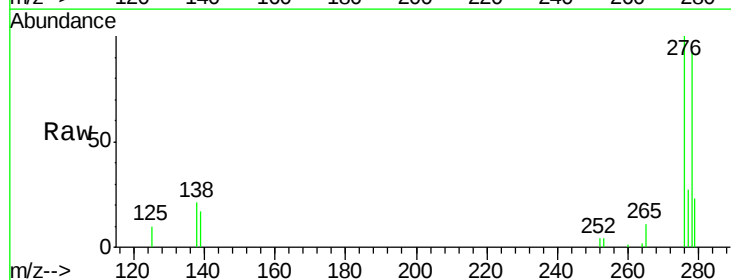
Tgt Ion:278 Resp: 16816

Ion Ratio Lower Upper

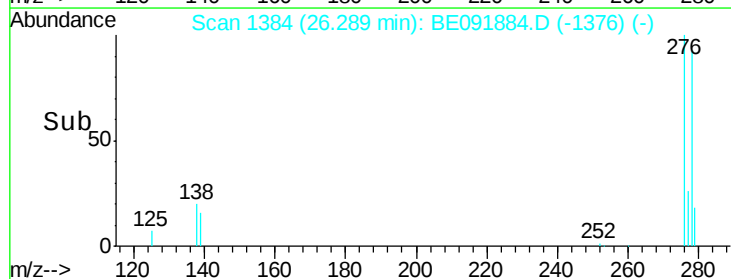
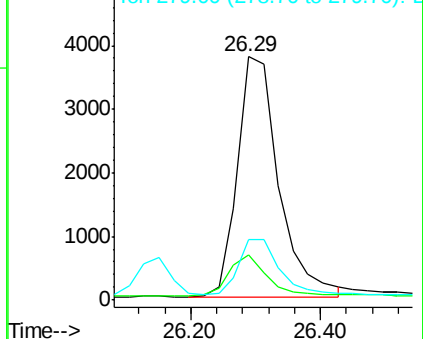
278 100

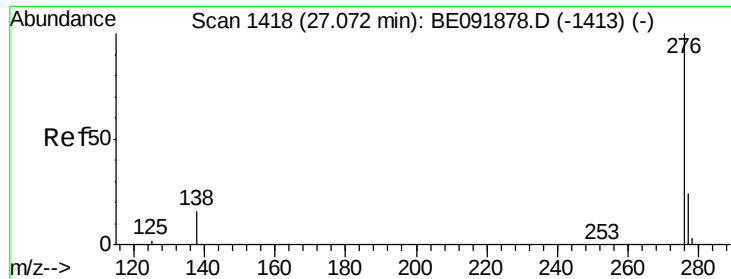
139 18.5 12.6 18.8

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(a,h,i)perylene

Concen: 0.42 ng

RT: 27.05 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BE091884.D

Acq: 7 Jun 2016 16:33

Instrument :

BNA_E

ClientSampleId :

ICVBE060716

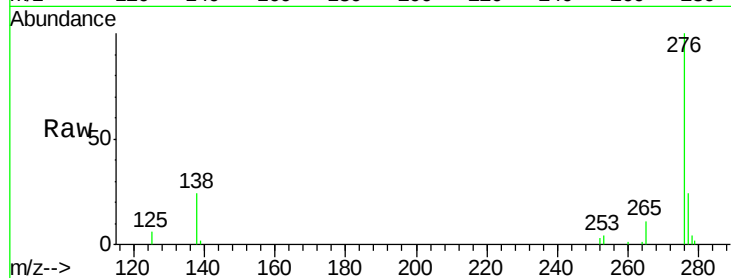
Tot Ion: 276 Resp: 17746

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 23.8 17.7 26.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

