

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
 Data File : BE091898.D
 Acq On : 8 Jun 2016 5:05
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 08 07:20:35 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	21012	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	96867	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	58902	5.00	ng	0.00
24) Phenanthrene-d10	17.13	188	159696	5.00	ng	0.00
31) Chrysene-d12	21.27	240	155229	5.00	ng	-0.03
40) Perylene-d12	23.71	264	200299	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	1949	0.43	ng	0.00
5) Phenol-d6	6.95	99	2383	0.43	ng	0.00
9) Nitrobenzene-d5	8.91	82	2533	0.38	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	729	0.43	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	7350	0.41	ng	0.00
34) Terphenyl-d14	19.74	244	12567	0.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	1407	0.45	ng	96
3) n-Nitrosodimethylamine	3.61	42	1363	0.39	ng	93
6) bis(2-Chloroethyl)ether	7.20	93	2347	0.39	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	1868	0.39	ng	# 21
10) Nitrobenzene	8.96	77	2415	0.41	ng	# 98
11) bis(2-Chloroethoxy)methane	9.98	93	3914	0.40	ng	# 69
12) Naphthalene	10.59	128	8975	0.43	ng	96
13) Hexachlorobutadiene	10.88	225	1331	0.43	ng	98
14) 2-Methylnaphthalene	12.22	142	5766	0.43	ng	91
18) Acenaphthylene	14.10	152	10254	0.38	ng	98
19) 2,6-Dinitrotoluene	13.96	165	1062	0.40	ng	94
20) Acenaphthene	14.44	154	6763	0.42	ng	98
21) 2,4-Dinitrotoluene	14.76	165	1076	0.41	ng	# 98
22) Fluorene	15.42	166	8159	0.41	ng	100
23) 4-Chlorophenyl-phenylether	15.42	204	4069	0.42	ng	96
25) 4-Bromophenyl-phenylether	16.31	248	2423	0.42	ng	99
26) Hexachlorobenzene	16.44	284	2546	0.43	ng	98
27) Pentachlorophenol	16.78	266	890	0.50	ng	94
28) Phenanthrene	17.16	178	16395	0.44	ng	100
29) Anthracene	17.25	178	14104	0.43	ng	100
30) Fluoranthene	19.17	202	17751	0.44	ng	99
32) Benzidine	19.38	184	3921	0.41	ng	# 94
33) Pyrene	19.53	202	20072	0.51	ng	100
35) Benzo(a)anthracene	21.27	228	129095	0.53	ng	# 81
36) 3,3'-Dichlorobenzidine	21.21	252	4690	0.47	ng	# 83
37) Chrysene	21.27	228	132437	0.84	ng	# 71
38) Bis(2-ethylhexyl)phthalate	21.18	149	6677	0.35	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.27	276	20845	0.39	ng	# 75
41) Benzo(b)fluoranthene	22.97	252	20379	0.42	ng	99
42) Benzo(k)fluoranthene	23.02	252	21688	0.43	ng	99
43) Benzo(a)pyrene	23.59	252	19461	0.42	ng	98
44) Dibenzo(a,h)anthracene	26.29	278	17770	0.42	ng	# 96
45) Benzo(a,h,i)perylene	27.05	276	18868	0.42	ng	# 94

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
Data File : BE091898.D
Acq On : 8 Jun 2016 5:05
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 08 07:20:35 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

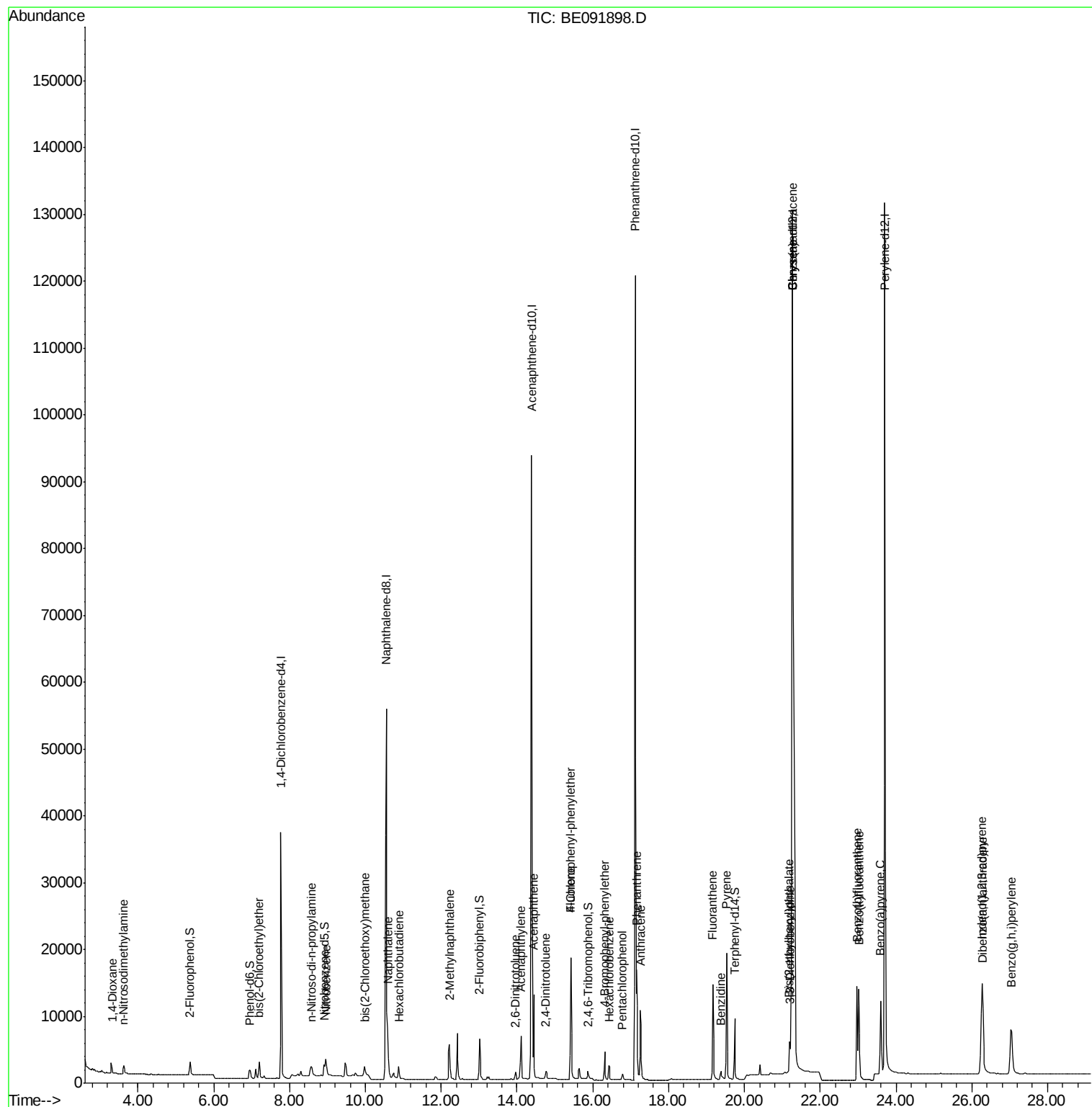
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

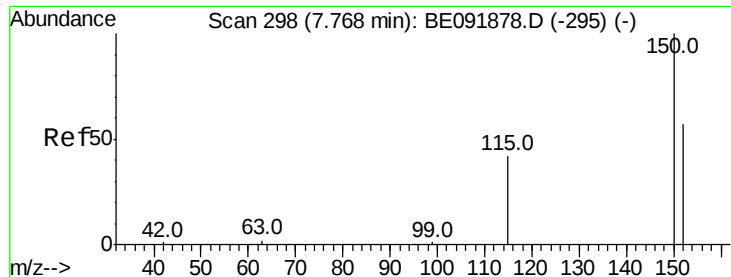
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
 Data File : BE091898.D
 Acq On : 8 Jun 2016 5:05
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 08 07:20:35 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



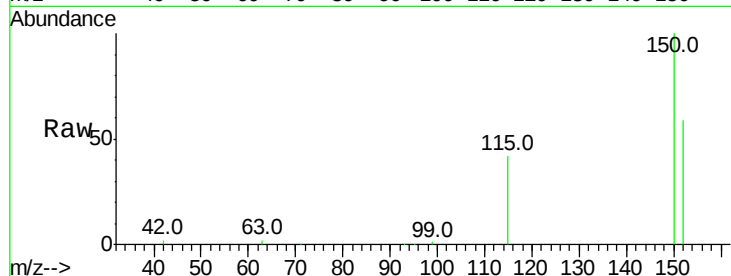


#1

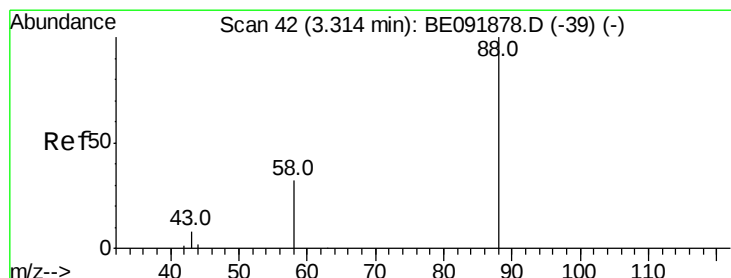
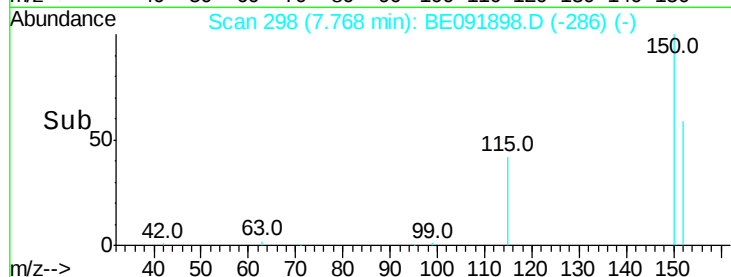
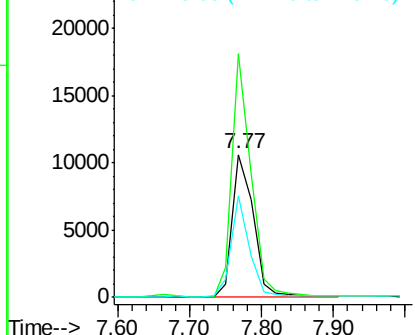
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 298
Delta R.T. -0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 21012
Ion Ratio Lower Upper
152 100
150 170.1 123.9 185.9
115 71.2 48.3 72.5



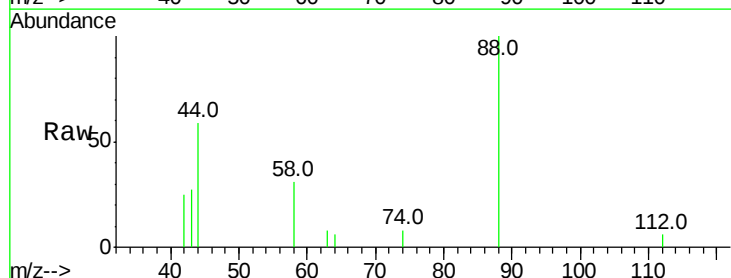
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



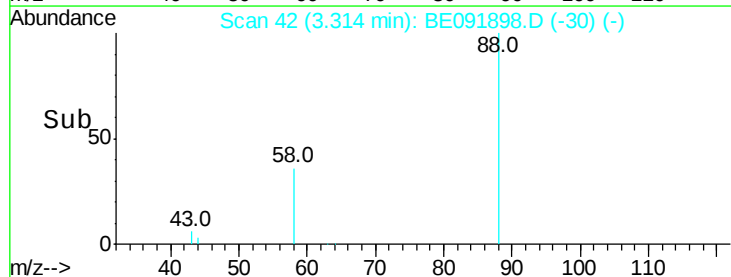
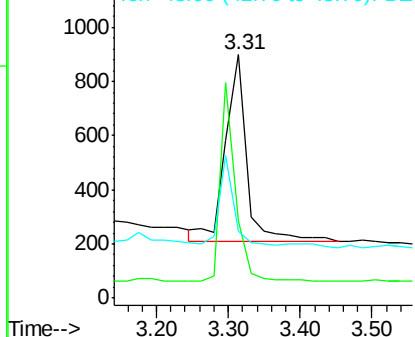
#2

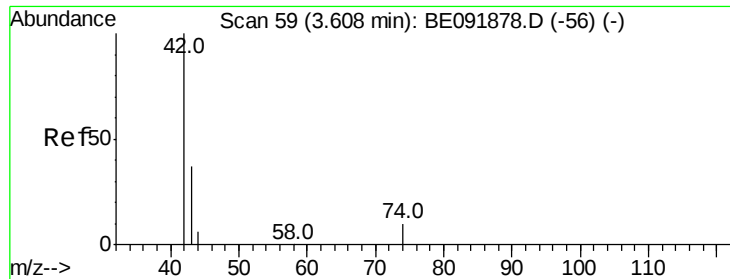
1,4-Dioxane
Concen: 0.45 ng
RT: 3.31 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

Tgt Ion: 88 Resp: 1407
Ion Ratio Lower Upper
88 100
58 75.5 63.0 94.4
43 32.9 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: 0.39 ng

RT: 3.61 min Scan# 59

Delta R.T. -0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

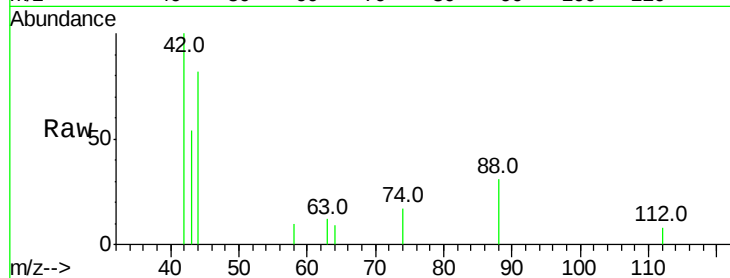
Tot Ion: 42 Resp: 1363

Ion Ratio Lower Upper

42 100

74 109.0 93.4 140.0

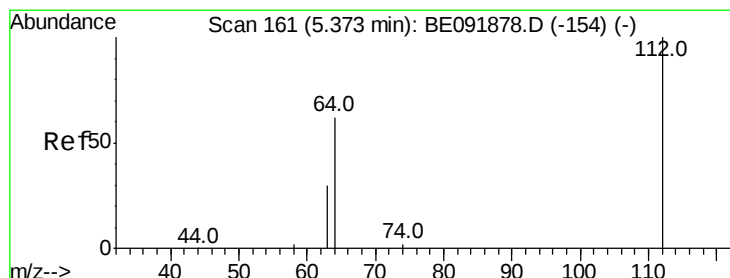
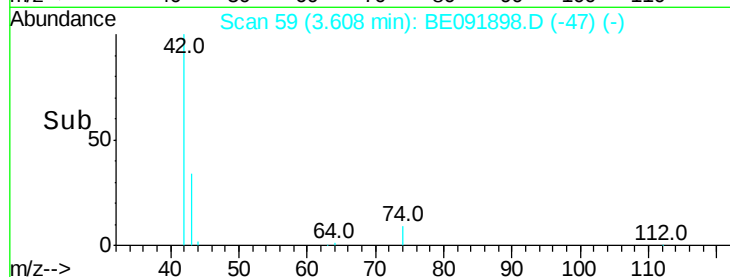
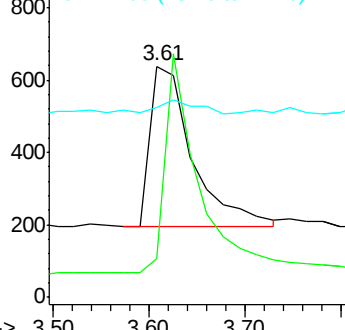
44 7.6 5.0 7.6



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: 0.43 ng

RT: 5.37 min Scan# 161

Delta R.T. -0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

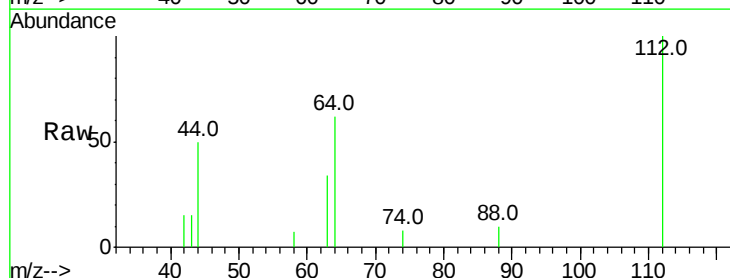
Tgt Ion: 112 Resp: 1949

Ion Ratio Lower Upper

112 100

64 64.1 53.7 80.5

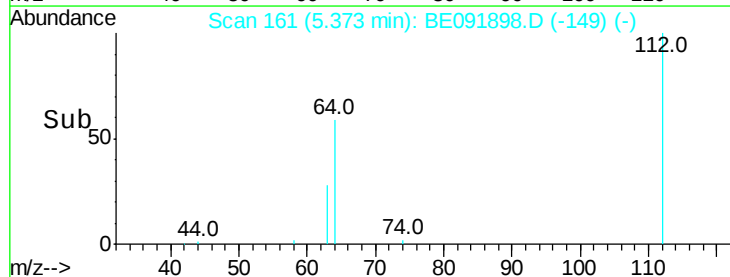
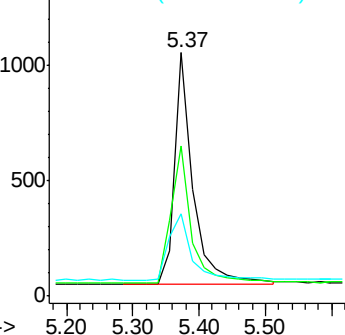
63 35.2 29.5 44.3

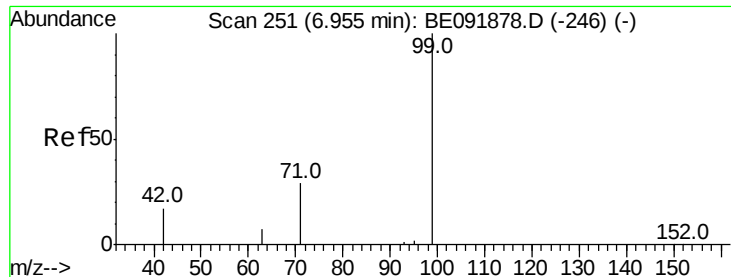


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.43 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

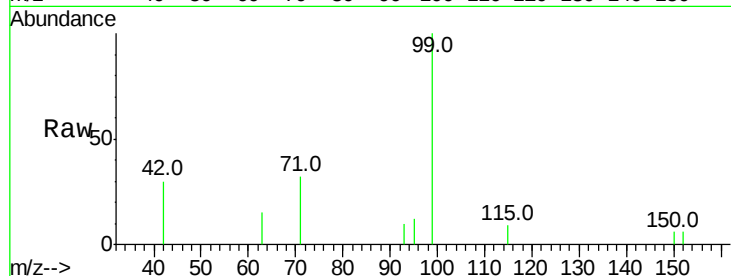
Tot Ion: 99 Resp: 2383

Ion Ratio Lower Upper

99 100

42 24.3 19.6 29.4

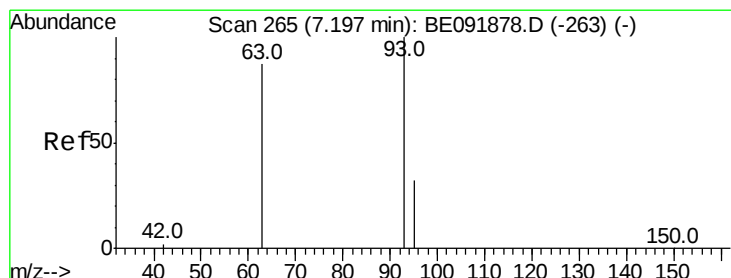
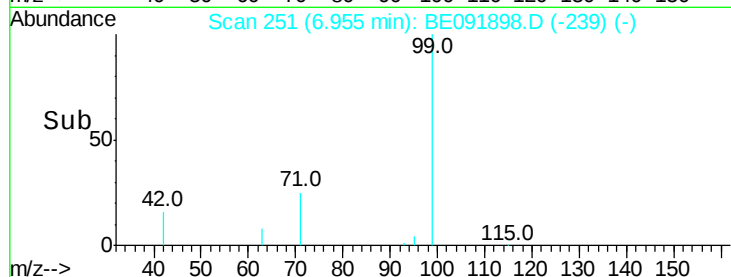
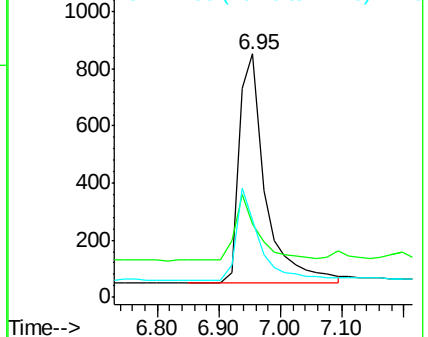
71 35.5 28.1 42.1



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: 0.39 ng

RT: 7.20 min Scan# 265

Delta R.T. -0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

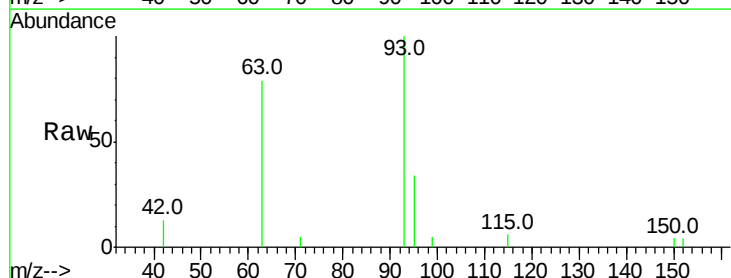
Tgt Ion: 93 Resp: 2347

Ion Ratio Lower Upper

93 100

63 82.0 66.2 99.4

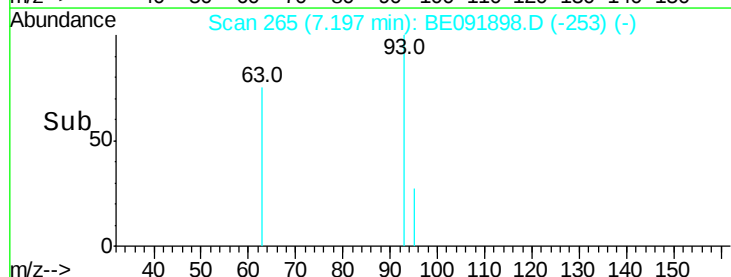
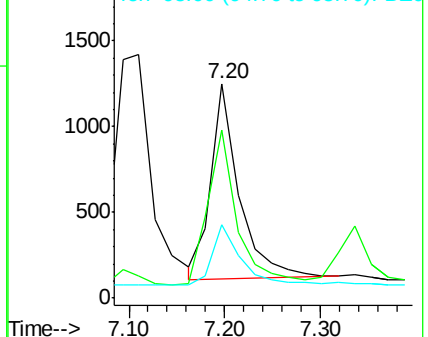
95 32.7 25.5 38.3

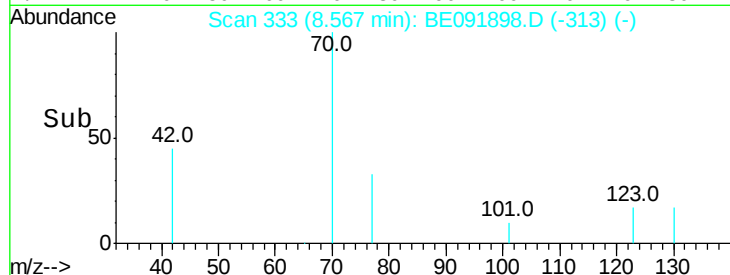
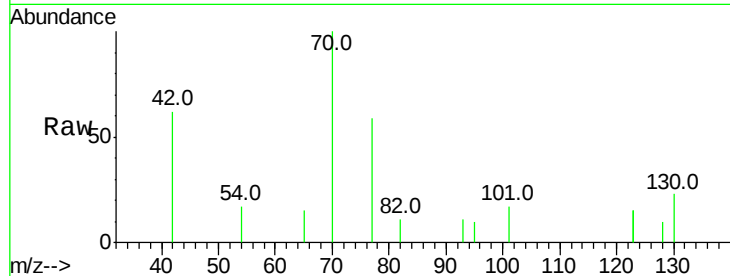
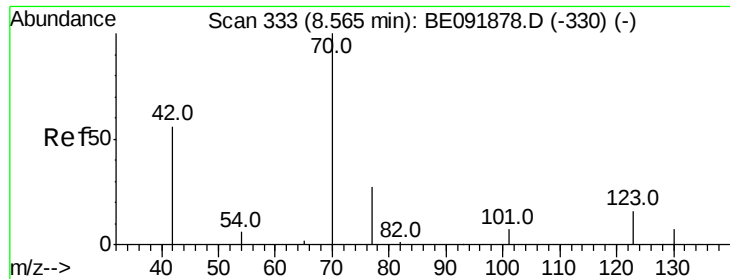


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 0.39 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampled :

Tot Ion: 70 Resp: 1868

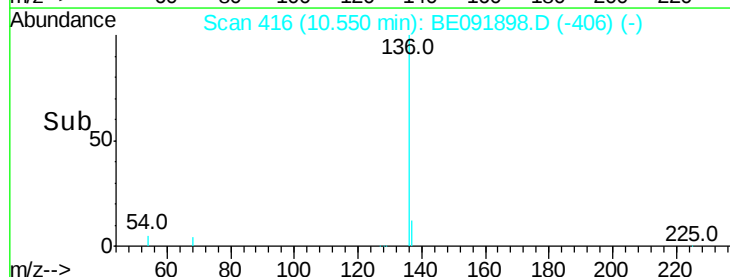
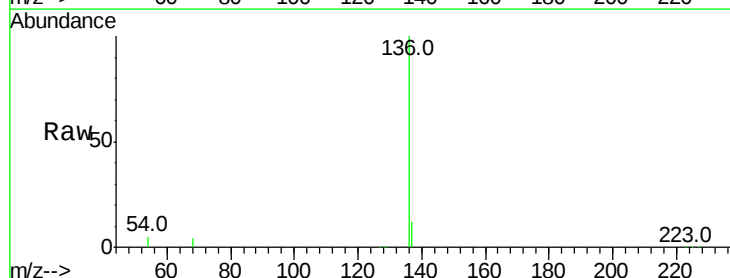
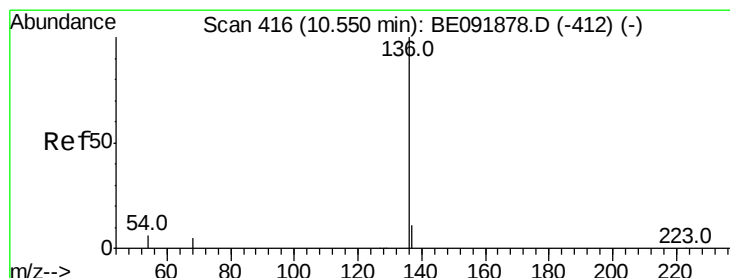
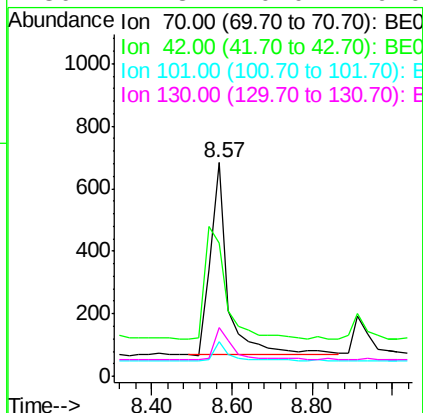
Ion Ratio Lower Upper

70 100

42 0.0 58.4 87.6#

101 8.8 6.4 9.6

130 17.3 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: BE091898.D

Acq: 8 Jun 2016 5:05

Tgt Ion: 136 Resp: 96867

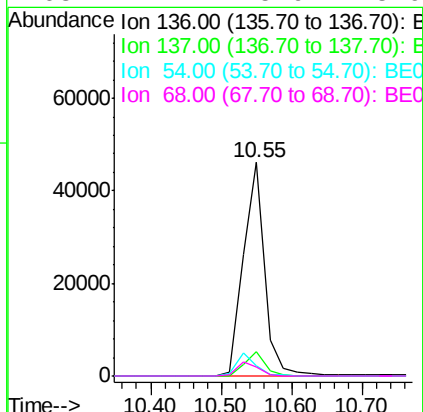
Ion Ratio Lower Upper

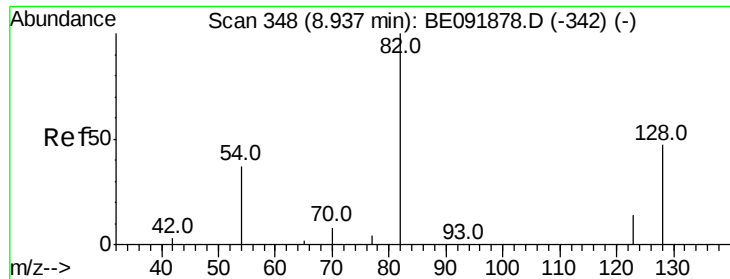
136 100

137 11.6 8.3 12.5

54 5.0 8.2 12.4#

68 4.1 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: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

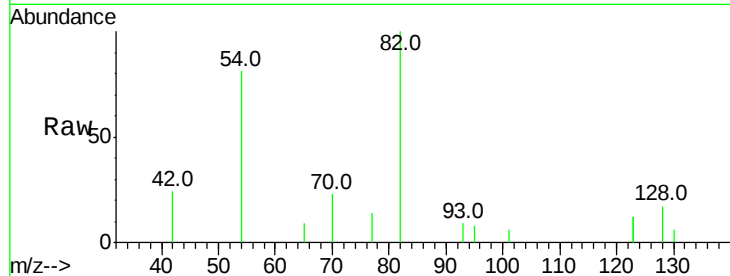
Tot Ion: 82 Resp: 2533

Ion Ratio Lower Upper

82 100

128 17.1 39.5 59.3#

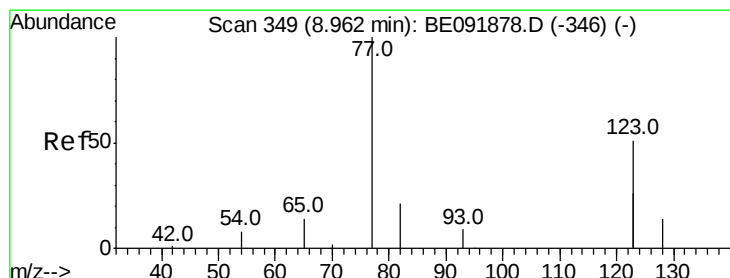
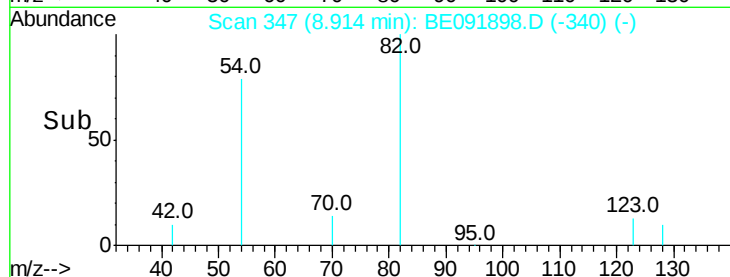
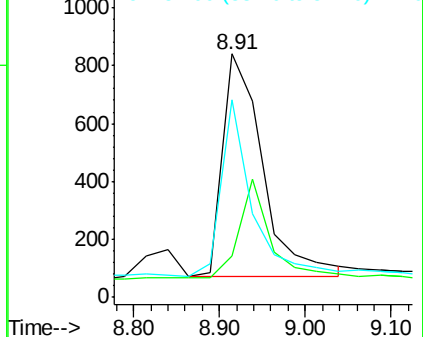
54 81.2 30.3 45.5#



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: 0.41 ng

RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

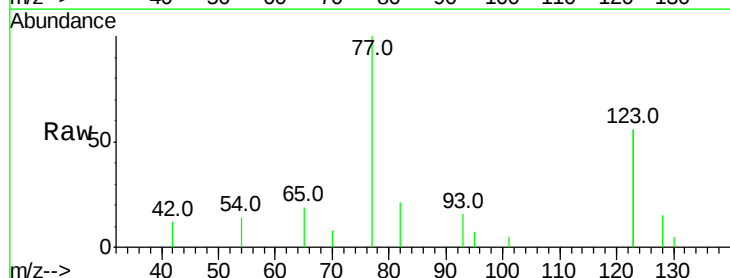
Tgt Ion: 77 Resp: 2415

Ion Ratio Lower Upper

77 100

123 144.6 0.0 0.0#

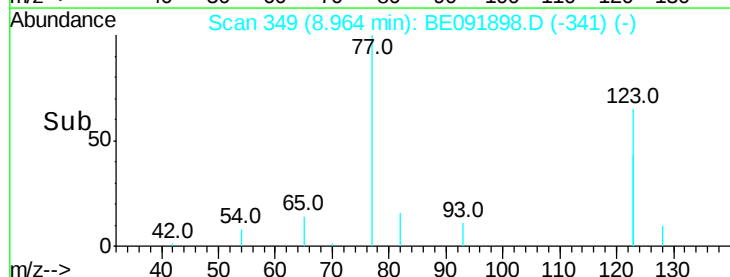
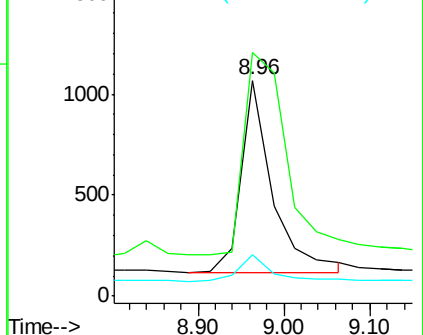
65 14.5 11.1 16.7

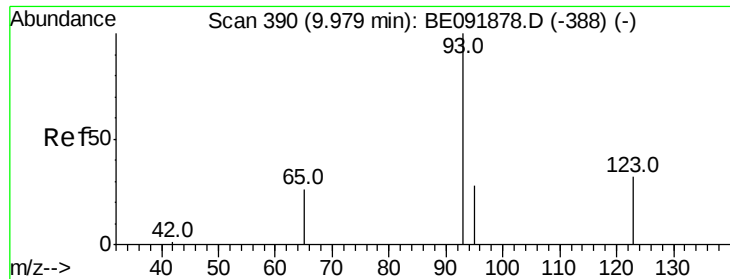


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

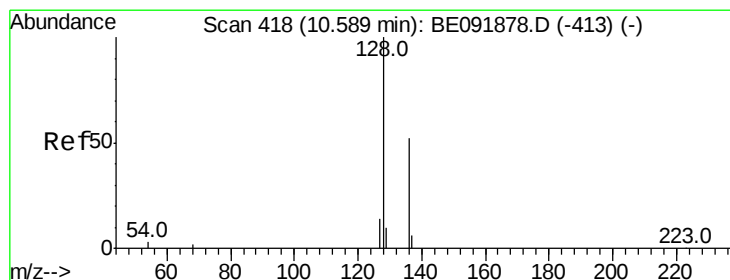
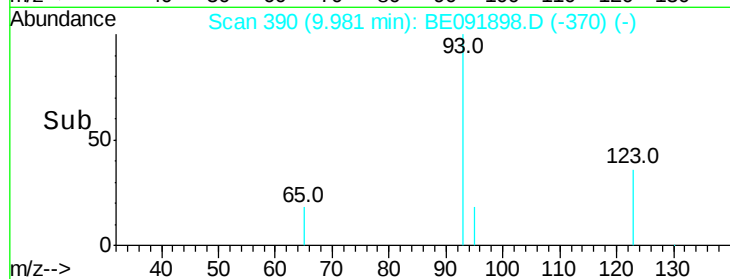
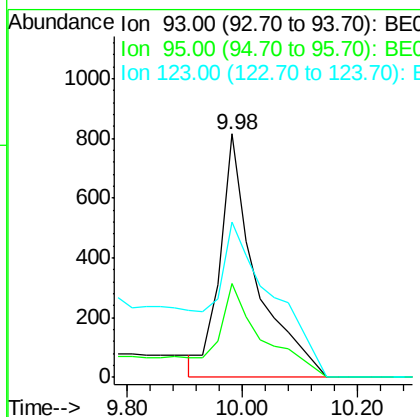
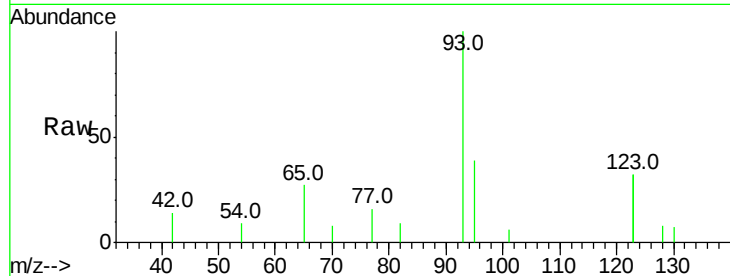




#11
bis(2-Chloroethoxy)methane
Concen: 0.40 ng
RT: 9.98 min Scan# 390
Delta R.T. 0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

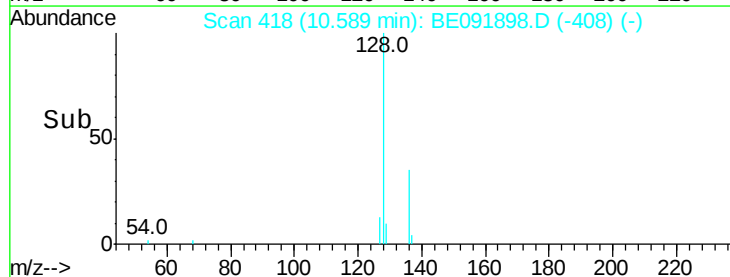
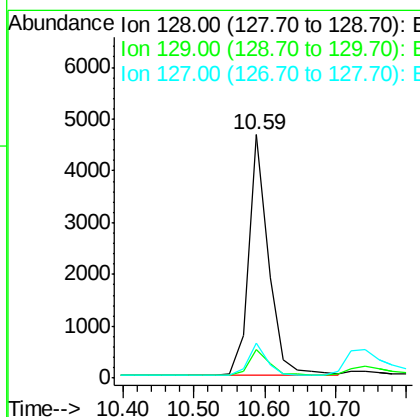
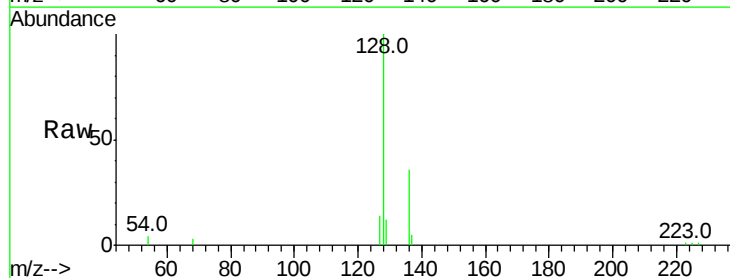
Instrument :
BNA_E
ClientSampleId :

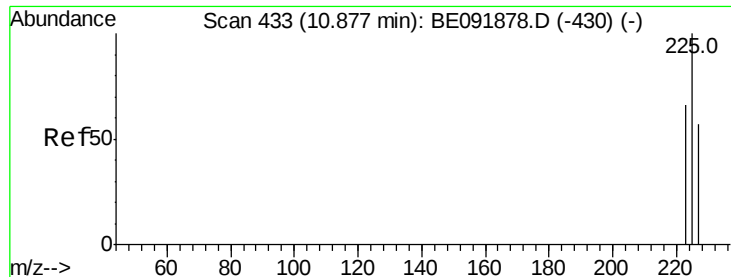
Tot Ion: 93 Resp: 3914
Ion Ratio Lower Upper
93 100
95 45.8 57.6 86.4#
123 90.8 100.2 150.4#



#12
Naphthalene
Concen: 0.43 ng
RT: 10.59 min Scan# 418
Delta R.T. -0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

Tgt Ion: 128 Resp: 8975
Ion Ratio Lower Upper
128 100
129 11.6 10.4 15.6
127 14.3 10.2 15.2

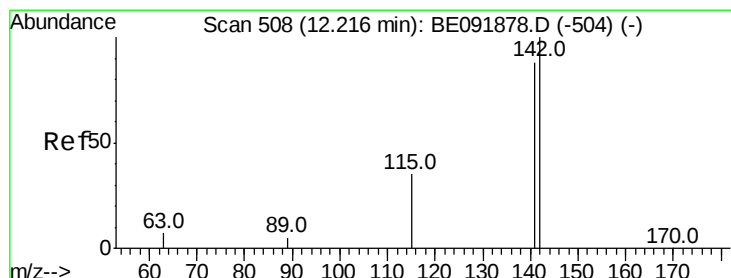
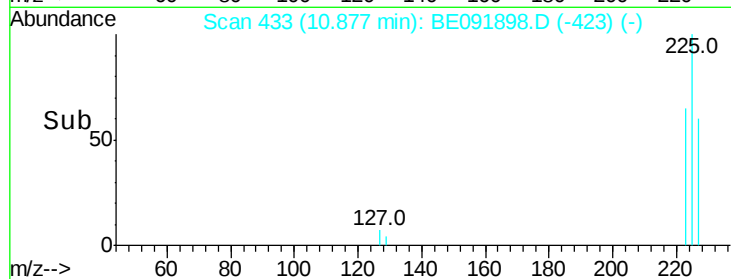
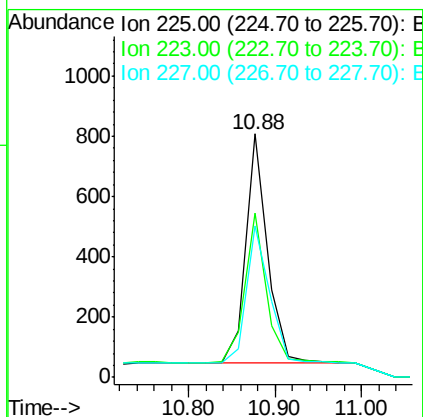
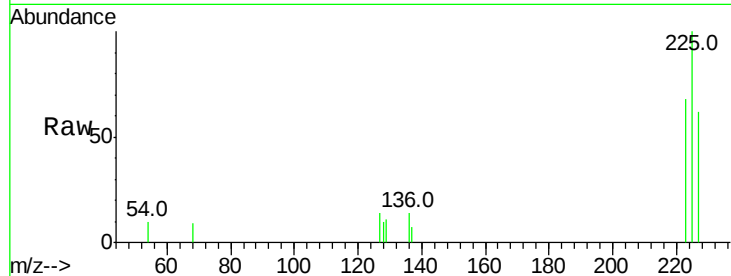




#13
Hexachlorobutadiene
Concen: 0.43 ng
RT: 10.88 min Scan# 433
Delta R.T. -0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

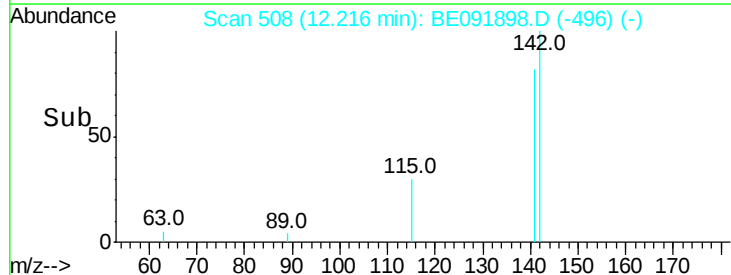
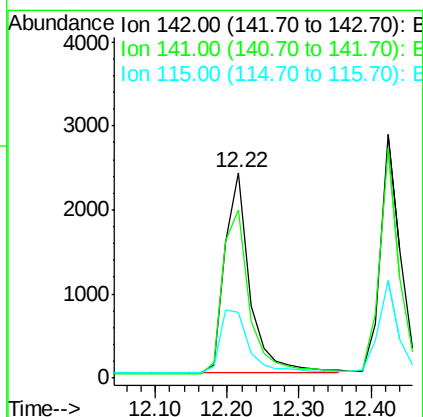
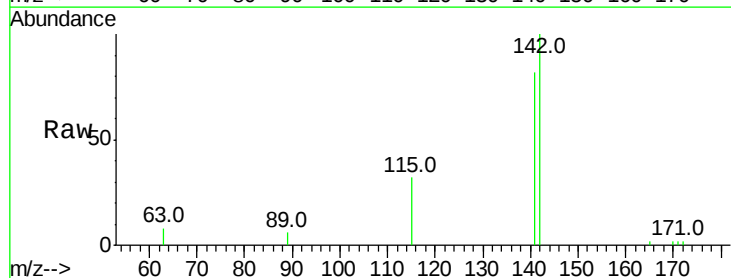
Instrument :
BNA_E
ClientSampleId :

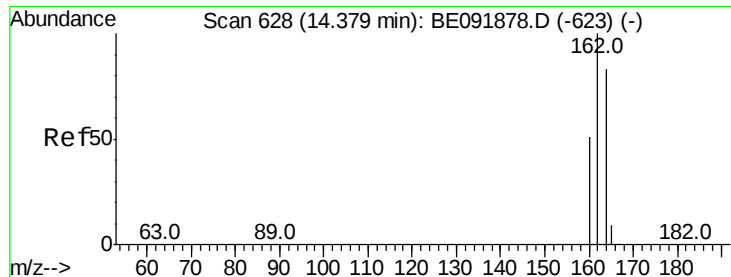
Tot Ion:225 Resp: 1331
Ion Ratio Lower Upper
225 100
223 64.2 49.8 74.8
227 63.9 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.43 ng
RT: 12.22 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

Tgt Ion:142 Resp: 5766
Ion Ratio Lower Upper
142 100
141 81.7 71.9 107.9
115 31.7 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: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

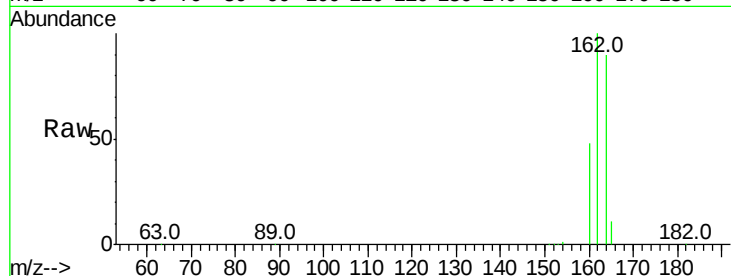
Tot Ion:164 Resp: 58902

Ion Ratio Lower Upper

164 100

162 111.7 71.8 107.8#

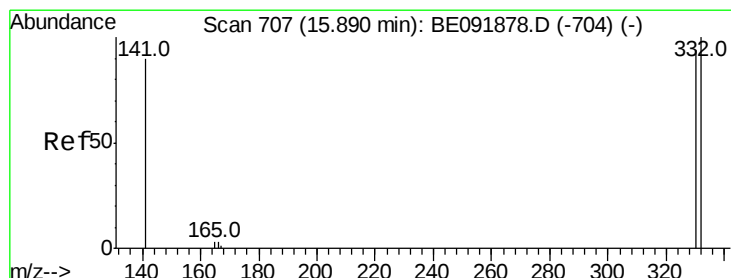
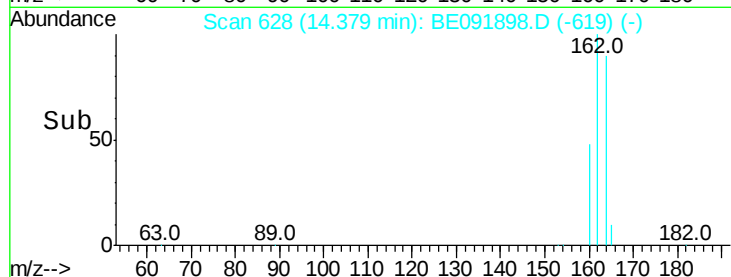
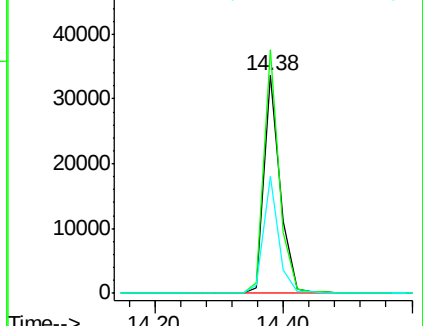
160 53.7 28.0 42.0#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 0.43 ng

RT: 15.87 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

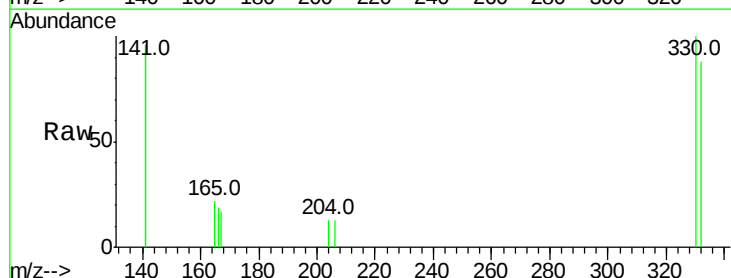
Tgt Ion:330 Resp: 729

Ion Ratio Lower Upper

330 100

332 93.7 77.0 115.6

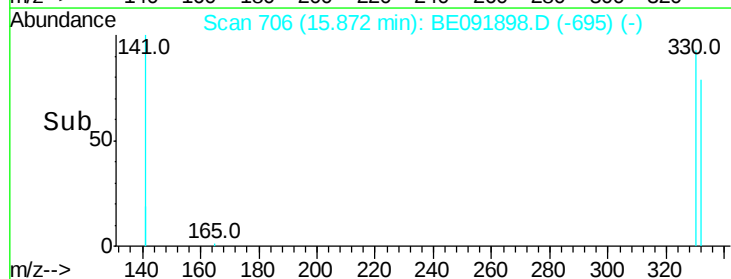
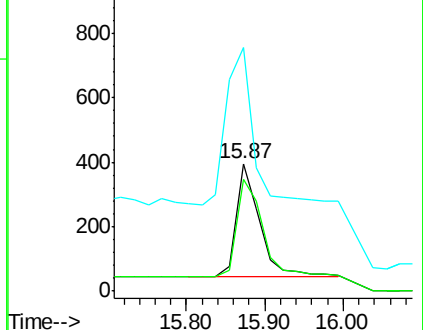
141 164.1 138.4 207.6

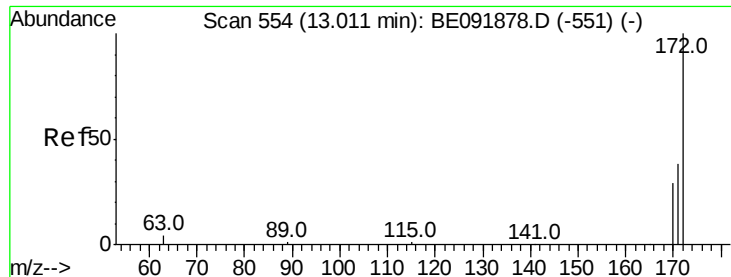


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

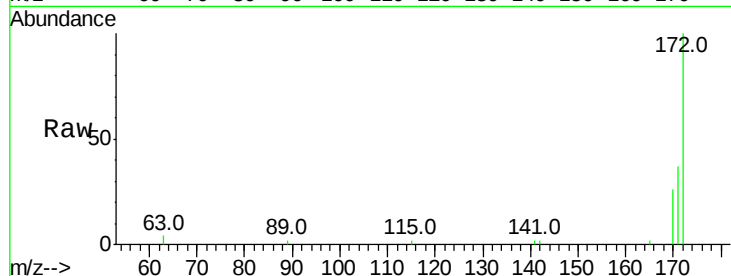




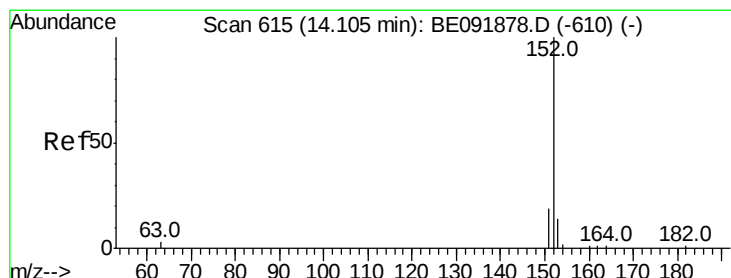
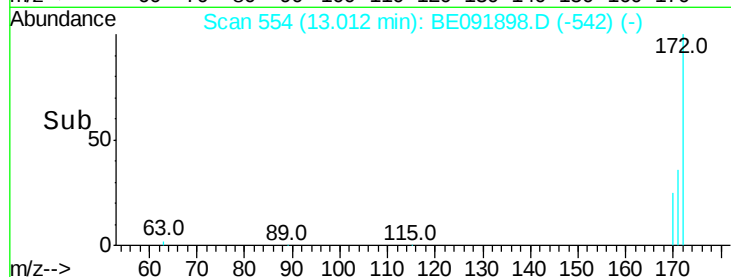
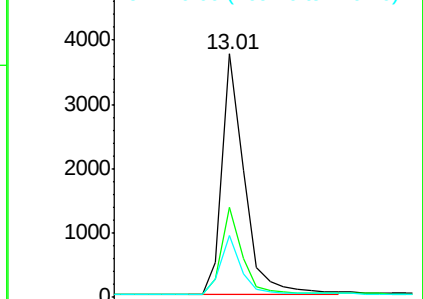
#17
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.01 min Scan# 554
Delta R.T. 0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 7350
Ion Ratio Lower Upper
172 100
171 36.9 24.3 36.5#
170 25.6 14.9 22.3#

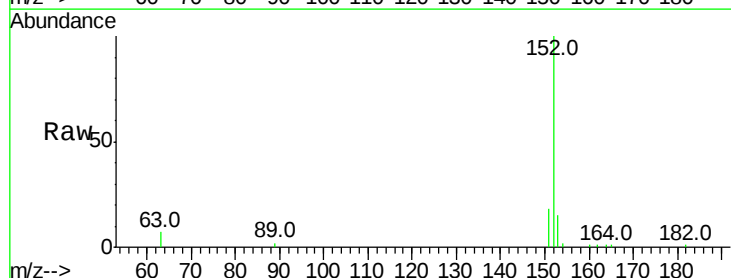


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

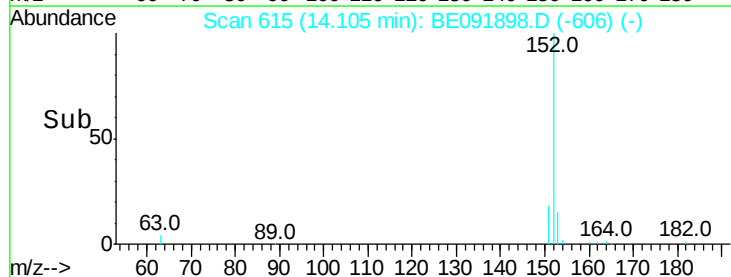
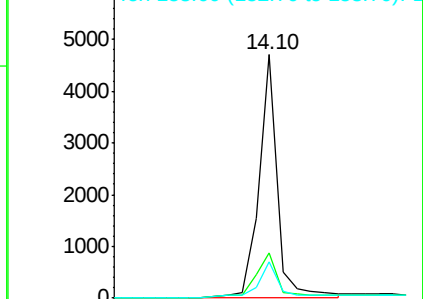


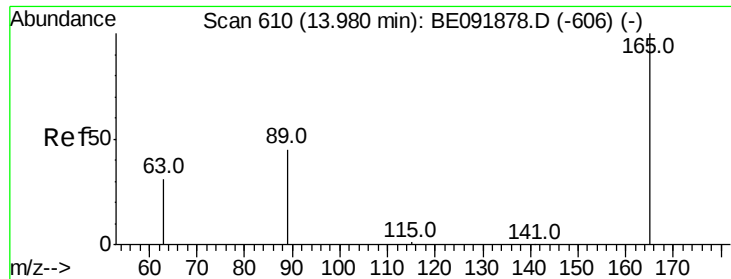
#18
Acenaphthylene
Concen: 0.38 ng
RT: 14.10 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

Tgt Ion:152 Resp: 10254
Ion Ratio Lower Upper
152 100
151 23.5 19.4 29.2
153 18.7 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

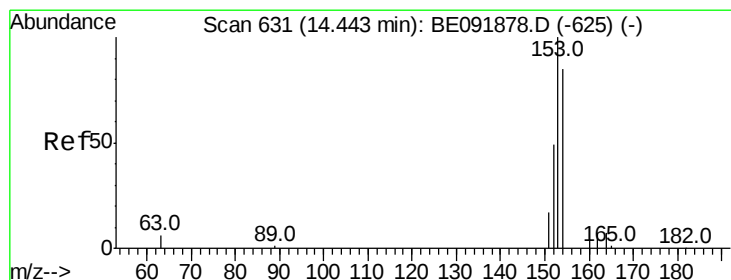
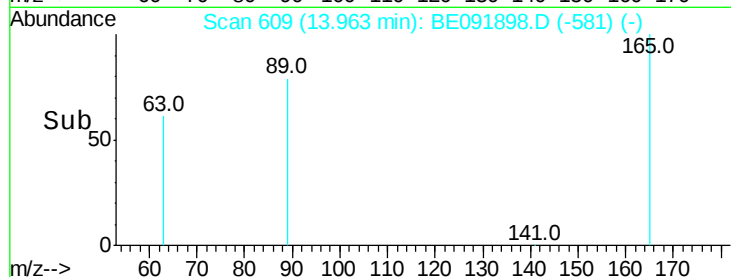
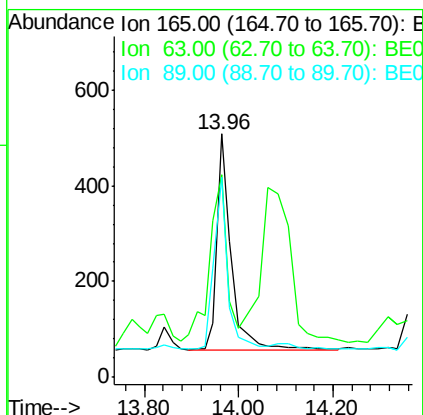
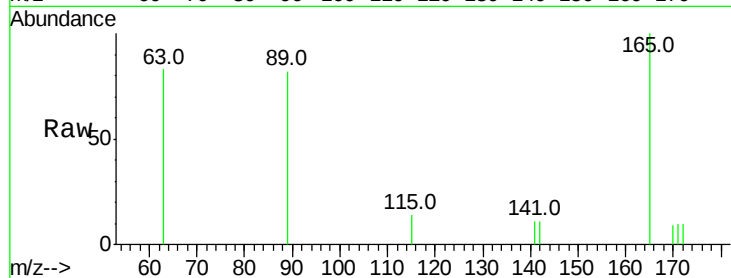




#19
2,6-Dinitrotoluene
Concen: 0.40 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

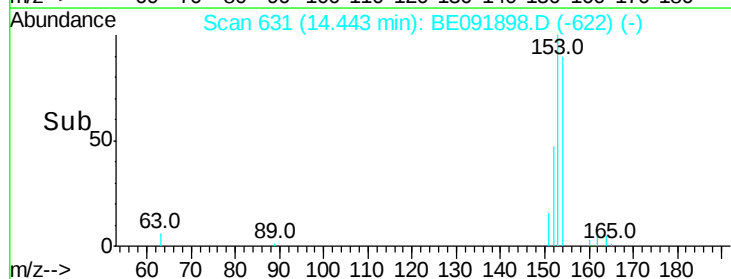
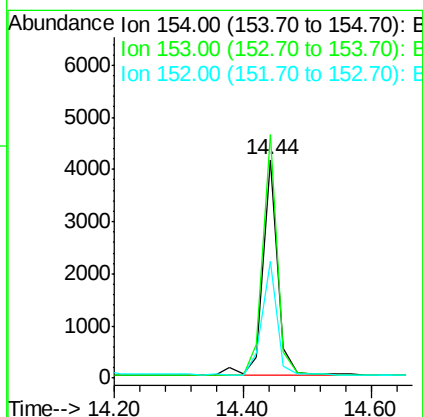
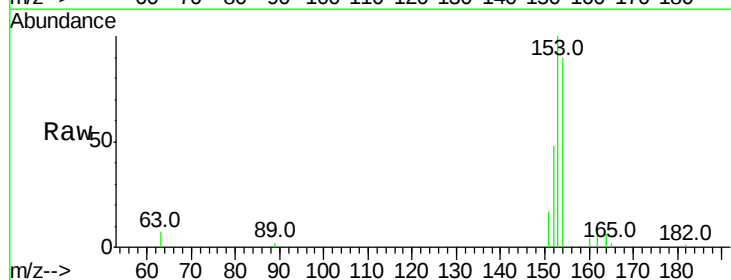
Instrument :
BNA_E
ClientSampleId :

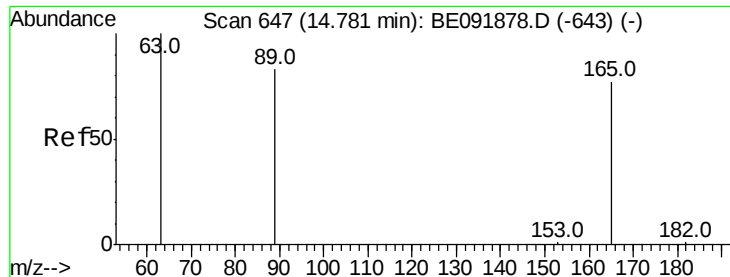
Tot Ion:165 Resp: 1062
Ion Ratio Lower Upper
165 100
63 85.9 65.9 98.9
89 80.3 59.1 88.7



#20
Acenaphthene
Concen: 0.42 ng
RT: 14.44 min Scan# 631
Delta R.T. -0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

Tgt Ion:154 Resp: 6763
Ion Ratio Lower Upper
154 100
153 108.3 88.1 132.1
152 52.7 44.2 66.2

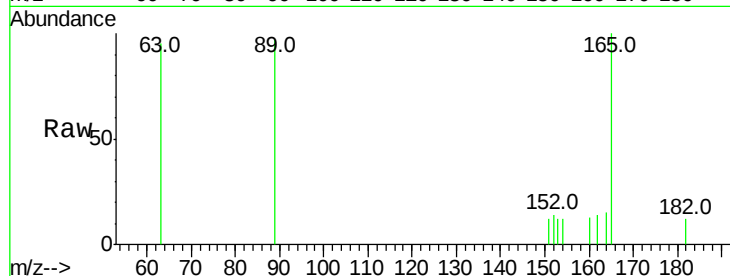




#21
2,4-Dinitrotoluene
Concen: 0.41 ng
RT: 14.76 min Scan# 646
Delta R.T. -0.02 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

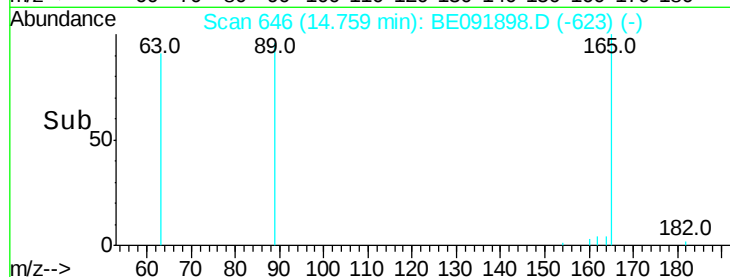
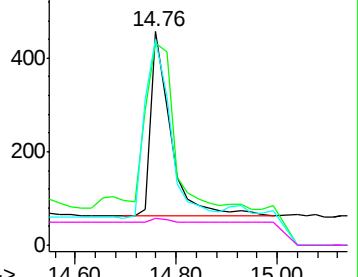
Instrument :
BNA_E
ClientSampleId :

Tot Ion:165 Resp: 1076
Ion Ratio Lower Upper
165 100
63 308.7 0.0 0.0#
89 127.0 99.8 149.8
182 0.0 0.0 0.0



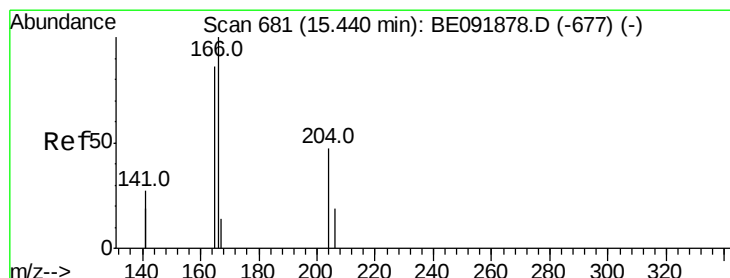
Abundance Ion 165.00 (164.70 to 165.70): E

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



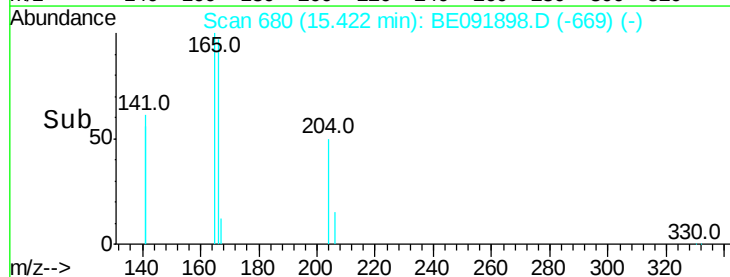
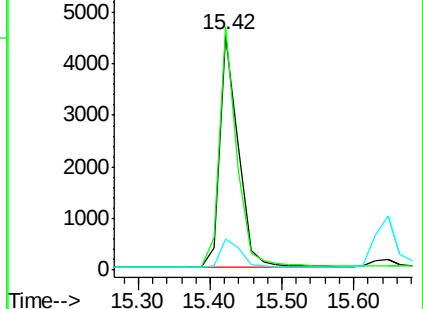
#22
Fluorene
Concen: 0.41 ng
RT: 15.42 min Scan# 680
Delta R.T. -0.02 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

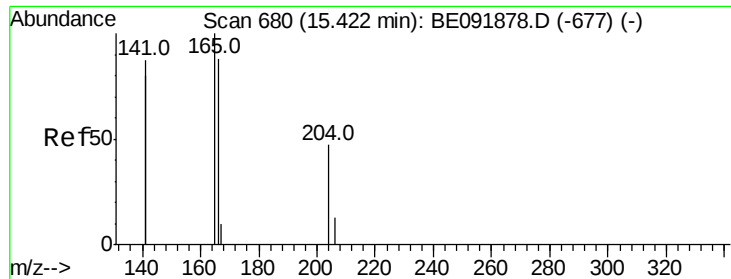
Tgt Ion:166 Resp: 8159
Ion Ratio Lower Upper
166 100
165 97.8 78.6 117.8
167 13.7 10.8 16.2



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

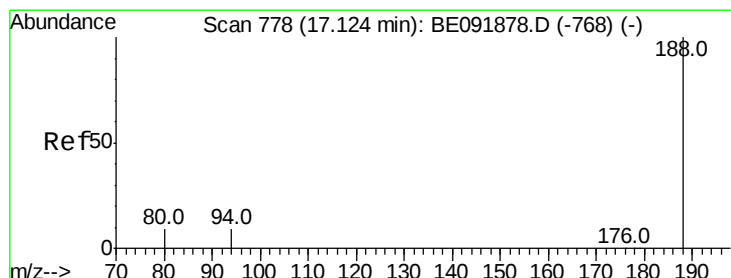
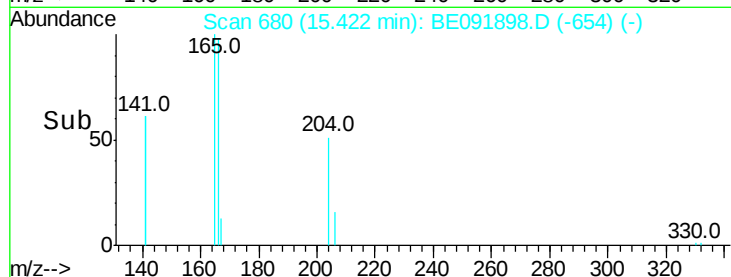
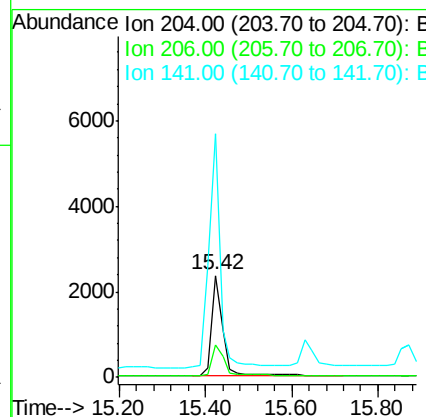
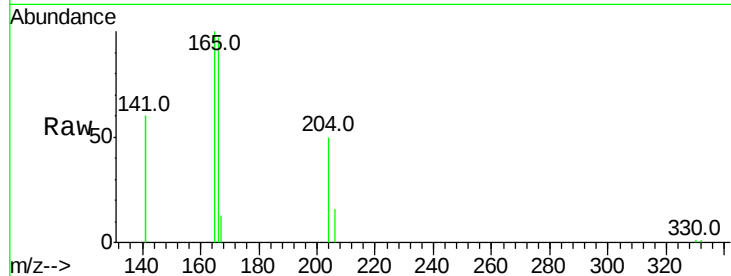




#23
4-Chlorophenyl-phenylether
Concen: 0.42 ng
RT: 15.42 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

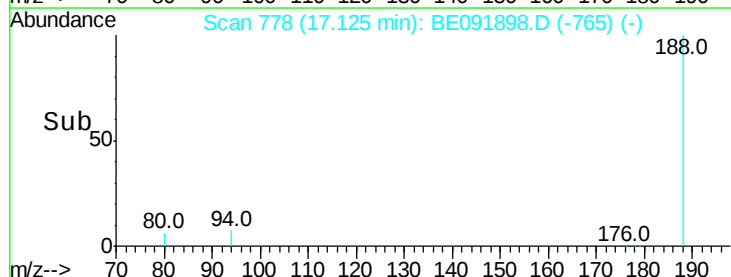
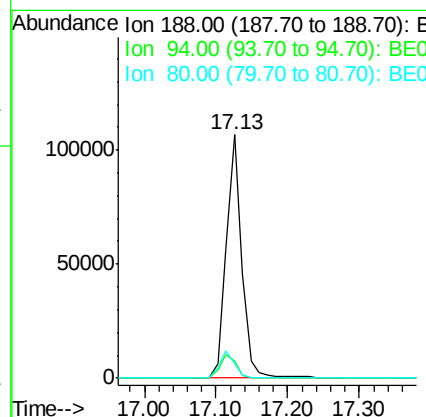
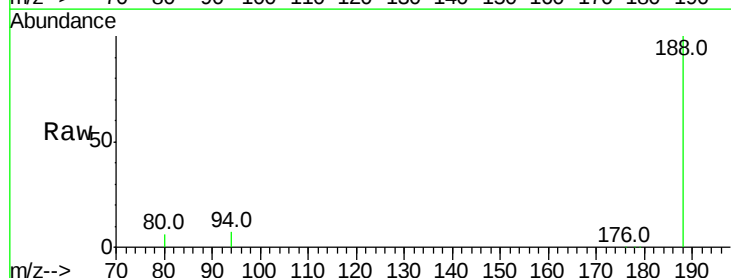
Instrument :
BNA_E
ClientSampleId :

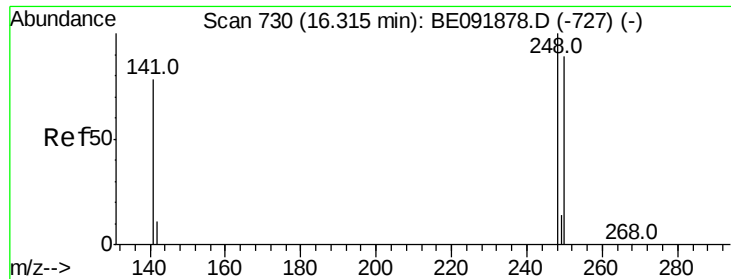
Tot Ion:204 Resp: 4069
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.6
141 239.6 197.6 296.4



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

Tgt Ion:188 Resp: 159696
Ion Ratio Lower Upper
188 100
94 6.8 4.1 6.1#
80 6.1 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 0.42 ng

RT: 16.31 min Scan# 730

Delta R.T. -0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

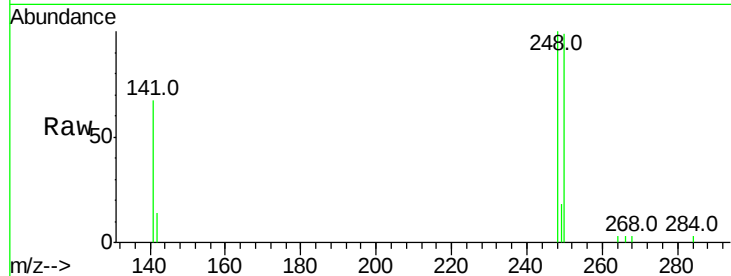
Tot Ion:248 Resp: 2423

Ion Ratio Lower Upper

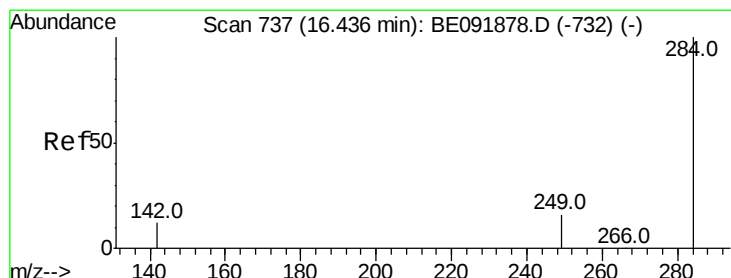
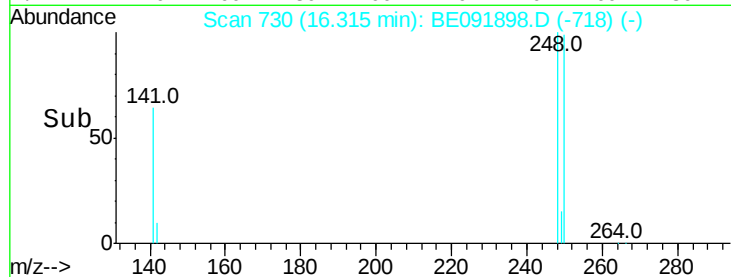
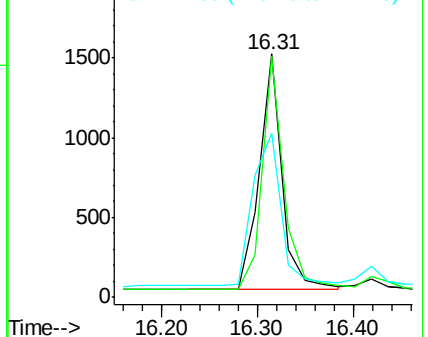
248 100

250 95.5 75.7 113.5

141 82.0 64.6 97.0



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



#26

Hexachlorobenzene

Concen: 0.43 ng

RT: 16.44 min Scan# 737

Delta R.T. -0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

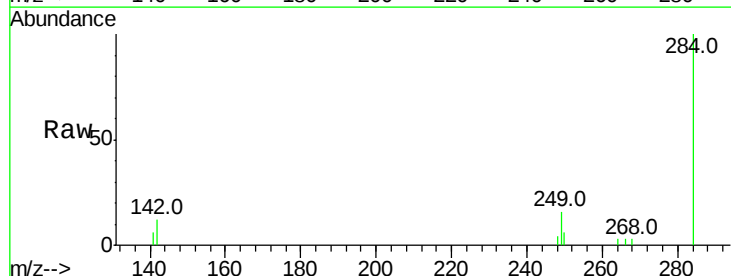
Tgt Ion:284 Resp: 2546

Ion Ratio Lower Upper

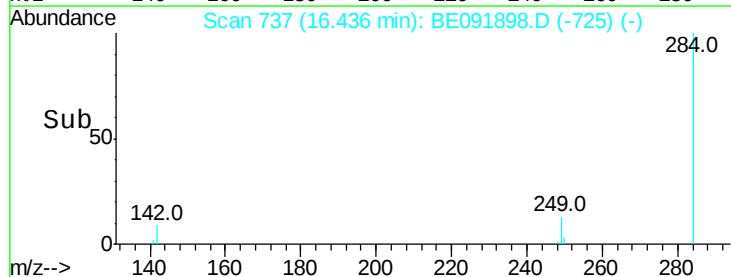
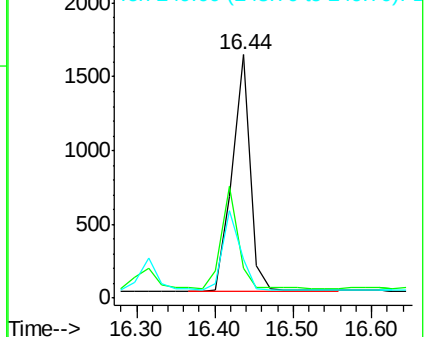
284 100

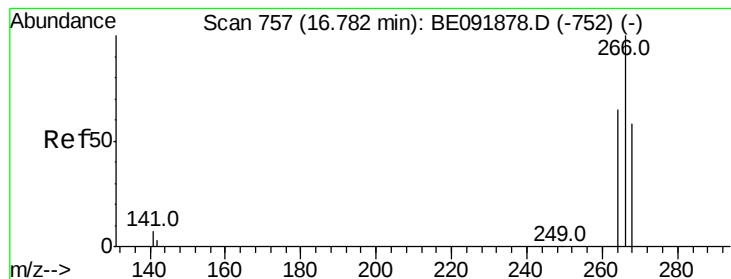
142 39.7 31.4 47.2

249 33.5 25.3 37.9



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





#27

Pentachlorophenol

Concen: 0.50 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

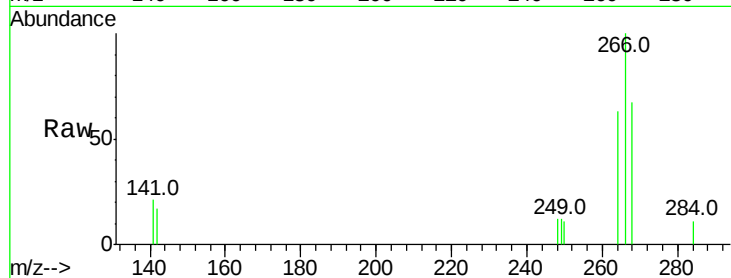
Tot Ion:266 Resp: 890

Ion Ratio Lower Upper

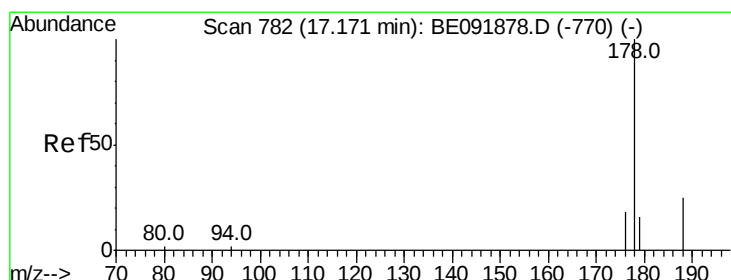
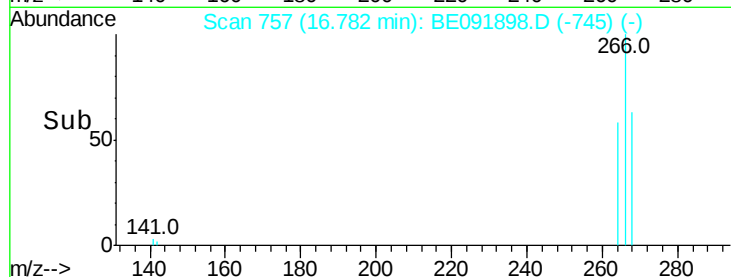
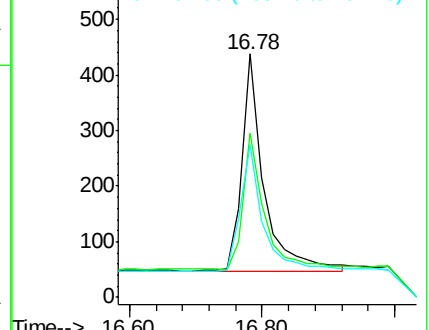
266 100

268 67.4 60.5 90.7

264 62.6 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: 0.44 ng

RT: 17.16 min Scan# 781

Delta R.T. -0.01 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

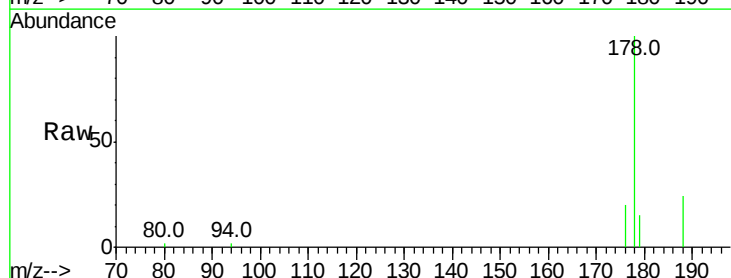
Tgt Ion:178 Resp: 16395

Ion Ratio Lower Upper

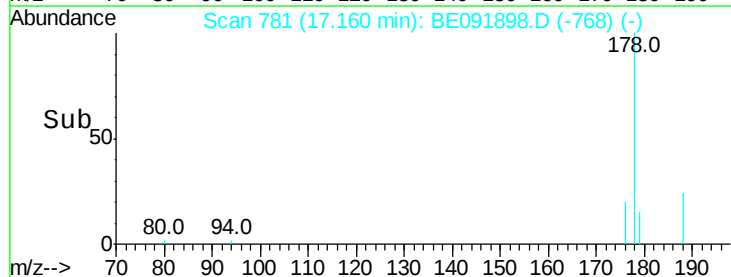
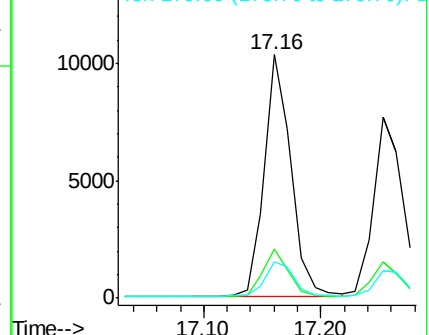
178 100

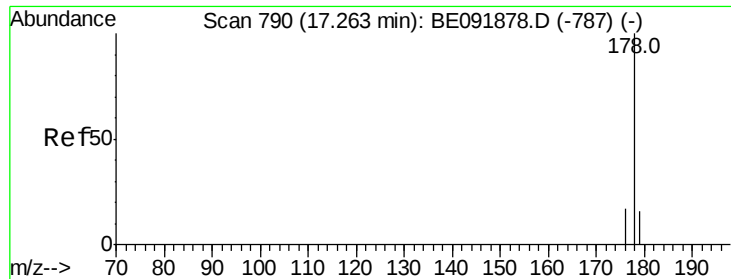
176 19.1 15.4 23.2

179 16.3 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: 0.43 ng

RT: 17.25 min Scan# 789

Delta R.T. -0.01 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

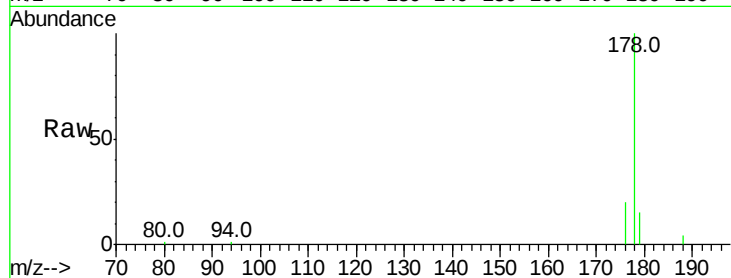
Tot Ion:178 Resp: 14104

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

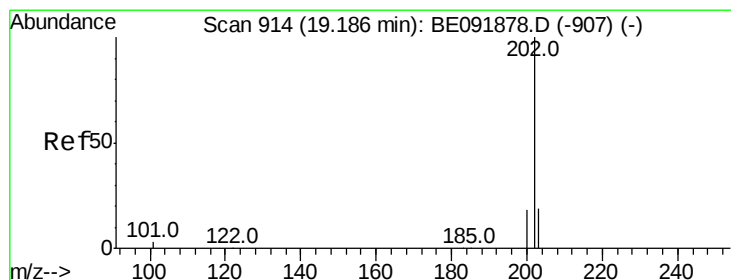
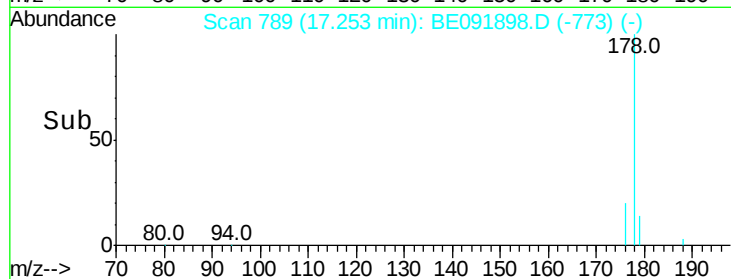
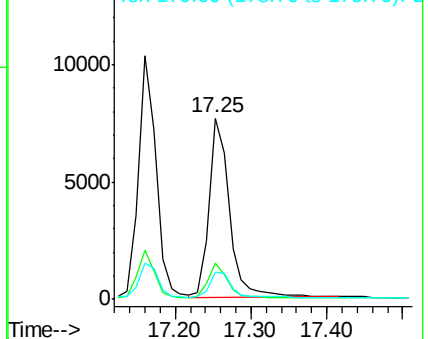
179 15.3 12.1 18.1



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: 0.44 ng

RT: 19.17 min Scan# 913

Delta R.T. -0.02 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

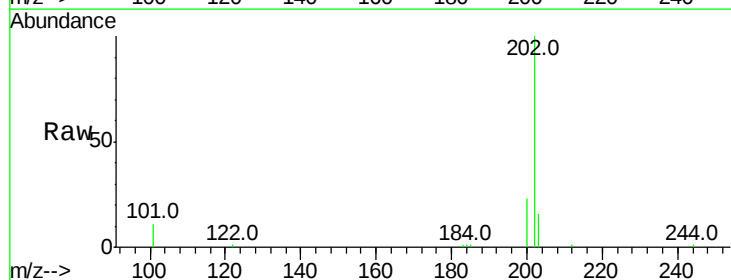
Tgt Ion:202 Resp: 17751

Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.0

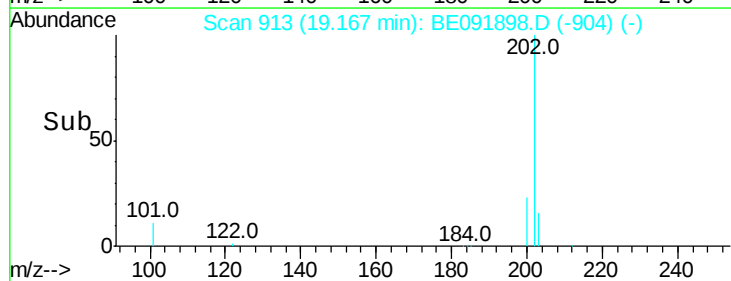
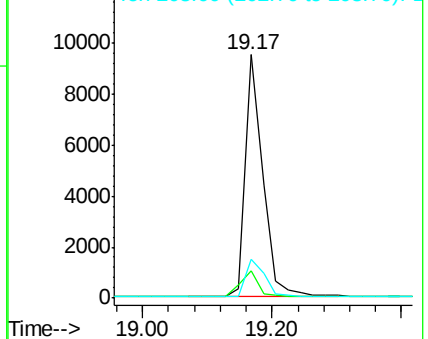
203 17.6 14.3 21.5

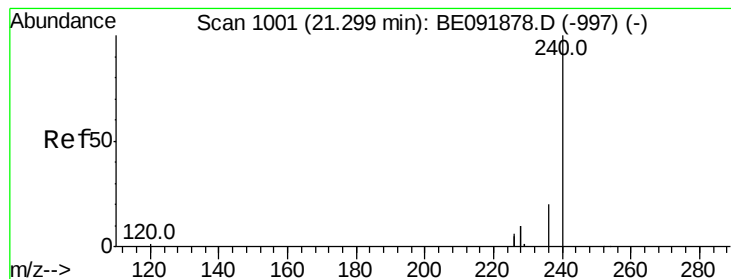


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.27 min Scan# 1000

Delta R.T. -0.03 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

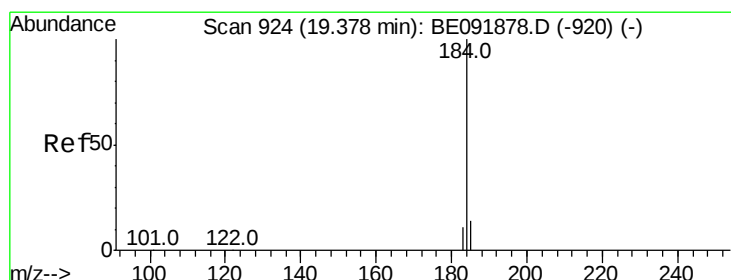
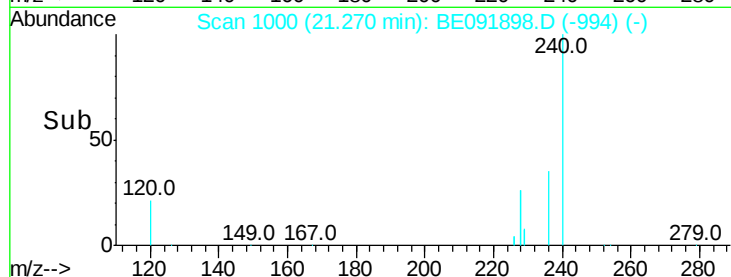
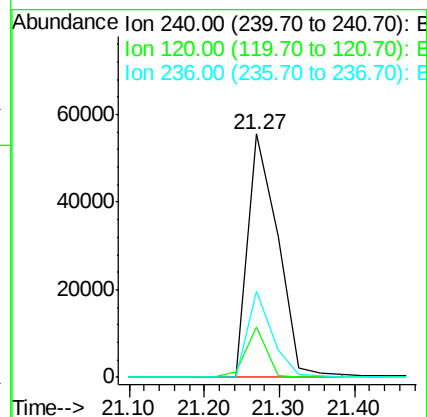
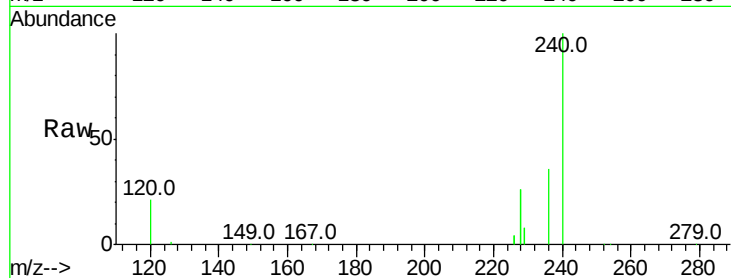
Tot Ion:240 Resp: 155229

Ion Ratio Lower Upper

240 100

120 20.7 1.2 1.8#

236 35.6 19.8 29.8#



#32

Benzidine

Concen: 0.41 ng

RT: 19.38 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

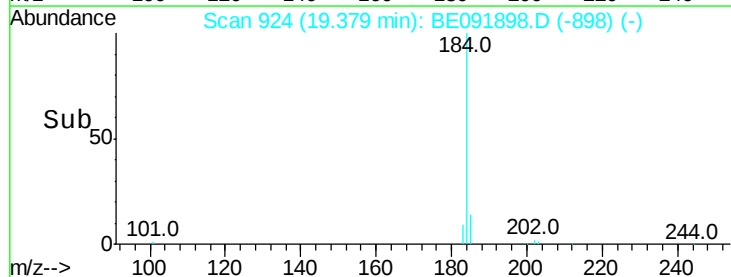
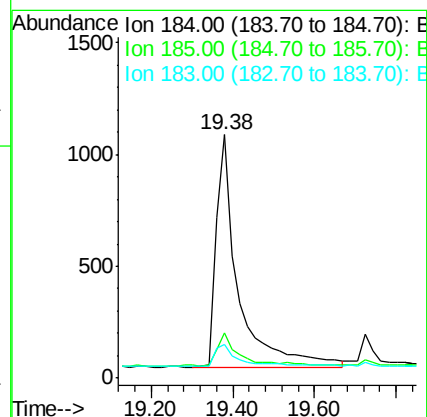
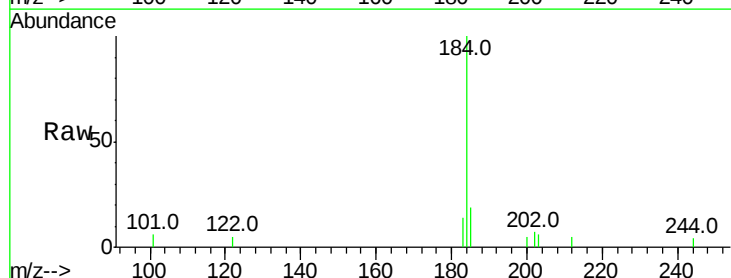
Tgt Ion:184 Resp: 3921

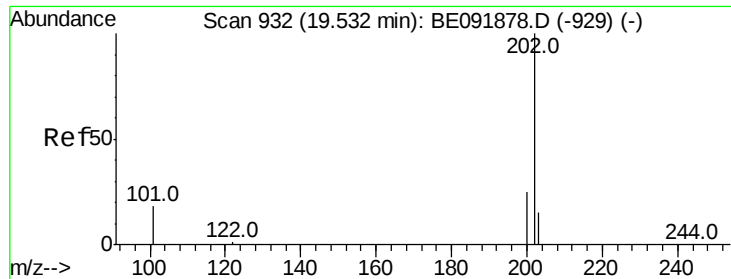
Ion Ratio Lower Upper

184 100

185 18.6 11.4 17.2#

183 13.7 11.8 17.6

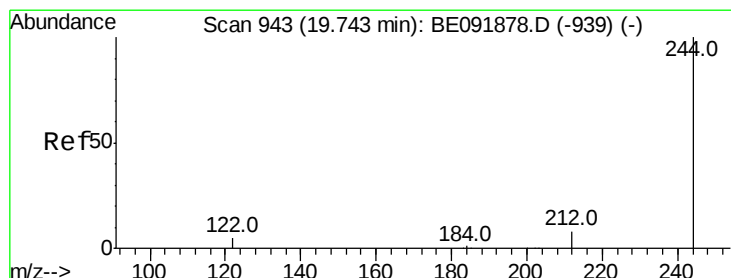
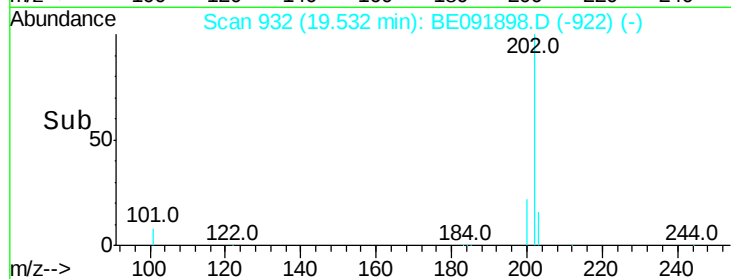
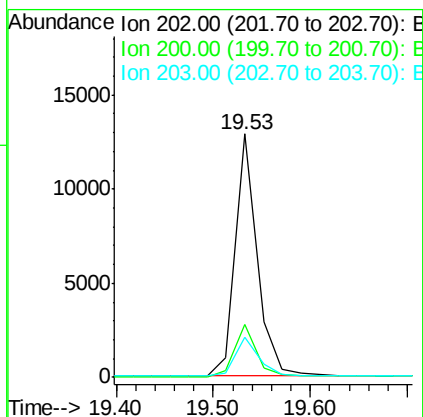
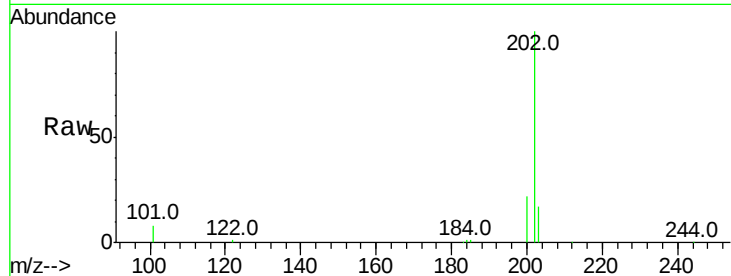




#33
Pvrene
Concen: 0.51 ng
RT: 19.53 min Scan# 932
Delta R.T. 0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

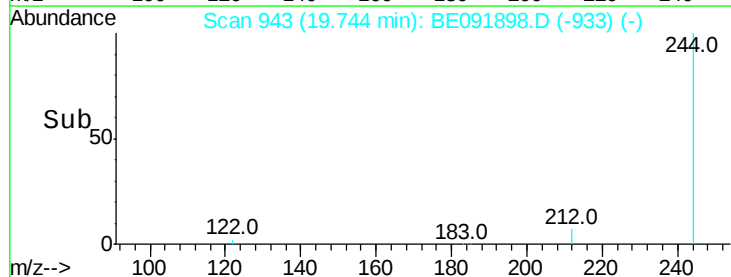
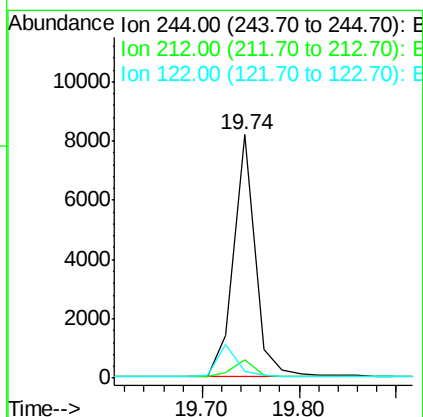
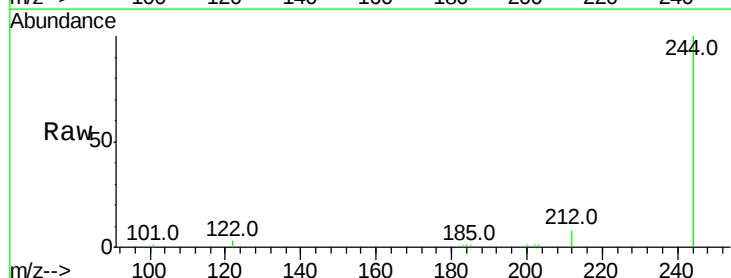
Instrument :
BNA_E
ClientSampleId :

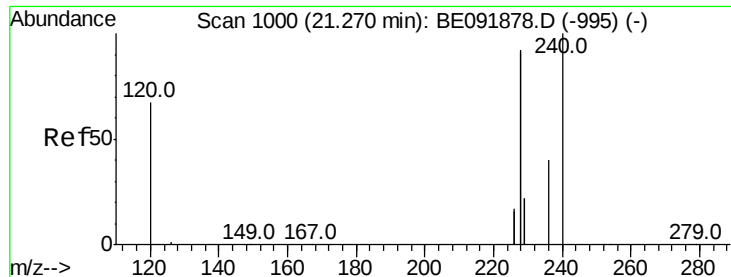
Tot Ion:202 Resp: 20072
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.6 14.1 21.1



#34
Terphenyl-d14
Concen: 0.41 ng
RT: 19.74 min Scan# 943
Delta R.T. 0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

Tgt Ion:244 Resp: 12567
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 2.9 2.9 4.3

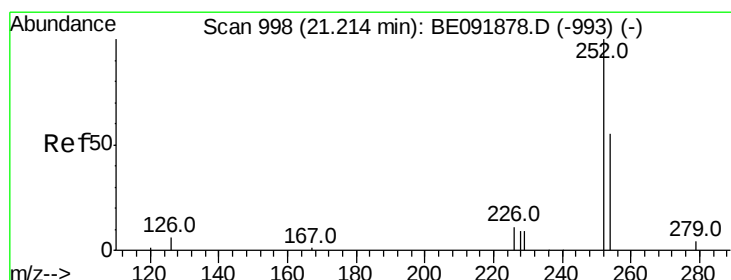
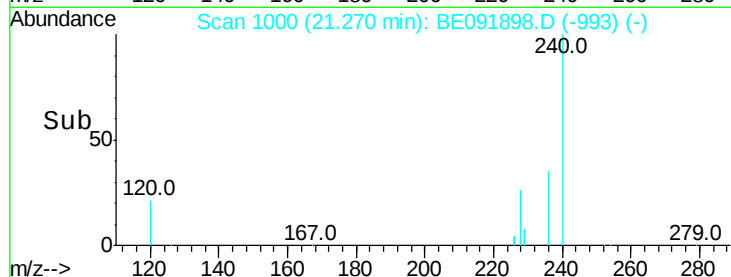
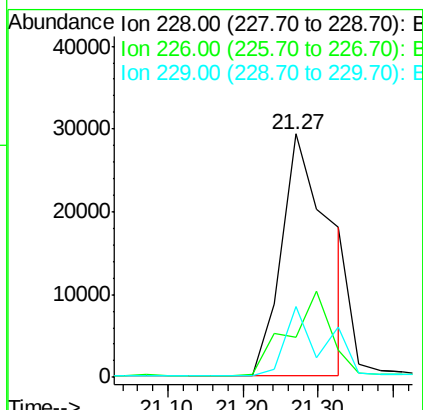
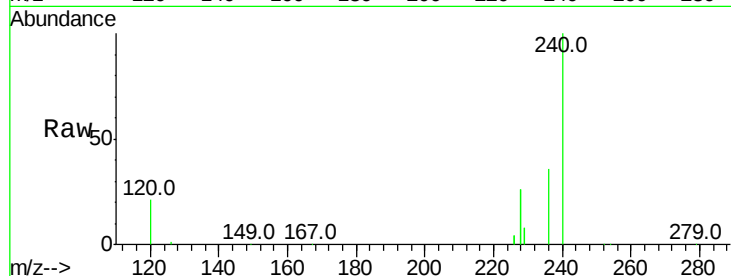




#35
Benzo(a)anthracene
Concen: 0.53 ng
RT: 21.27 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

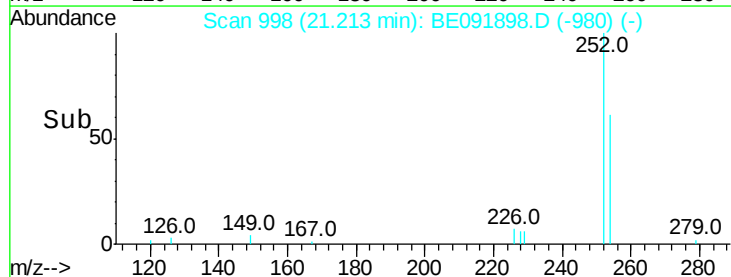
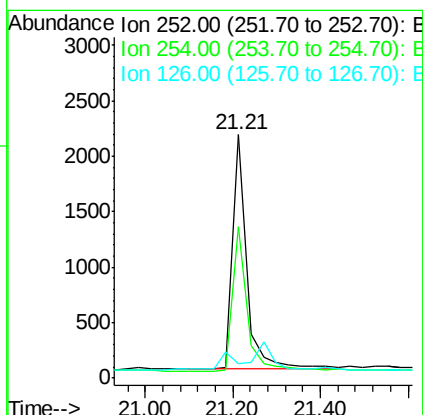
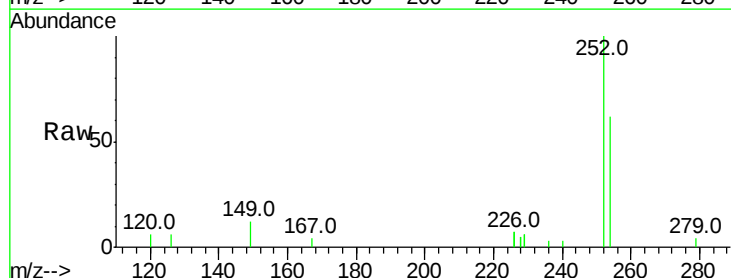
Instrument :
BNA_E
ClientSampleId :

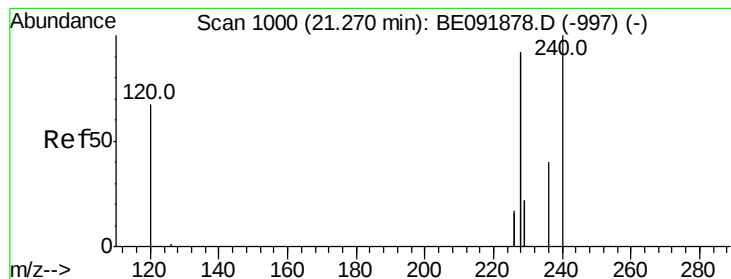
Tot Ion:228 Resp: 129095
Ion Ratio Lower Upper
228 100
226 16.4 21.0 31.4#
229 28.8 15.8 23.8#



#36
3,3'-Dichlorobenzidine
Concen: 0.47 ng
RT: 21.21 min Scan# 998
Delta R.T. -0.00 min
Lab File: BE091898.D
Acq: 8 Jun 2016 5:05

Tgt Ion:252 Resp: 4690
Ion Ratio Lower Upper
252 100
254 62.0 61.5 92.3
126 6.2 2.5 3.7#





#37

Chrysene

Concen: 0.84 ng

RT: 21.27 min Scan# 1000

Delta R.T. -0.06 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

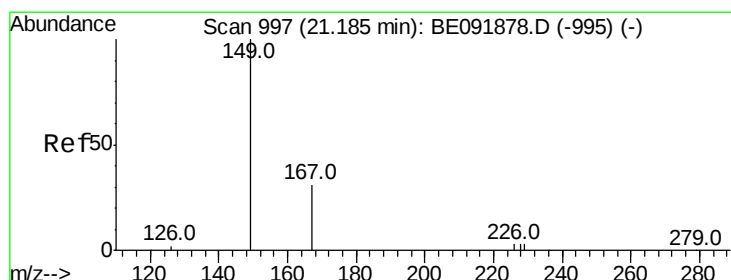
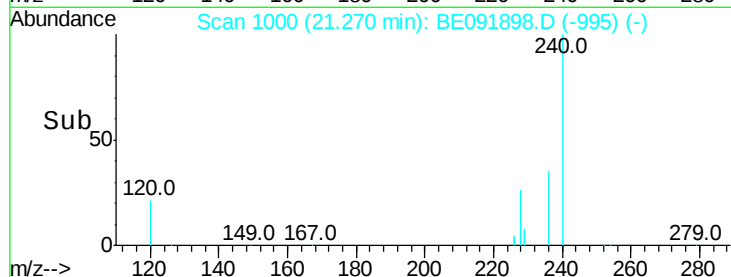
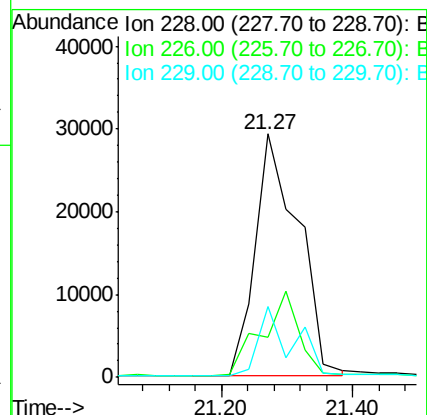
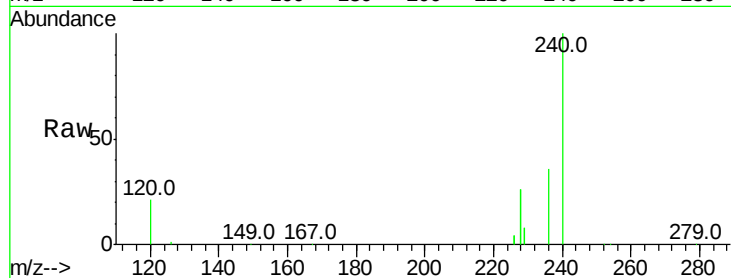
Tot Ion:228 Resp: 132437

Ion Ratio Lower Upper

228 100

226 16.4 27.0 40.6#

229 28.8 13.8 20.8#



#38

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.18 min Scan# 997

Delta R.T. -0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

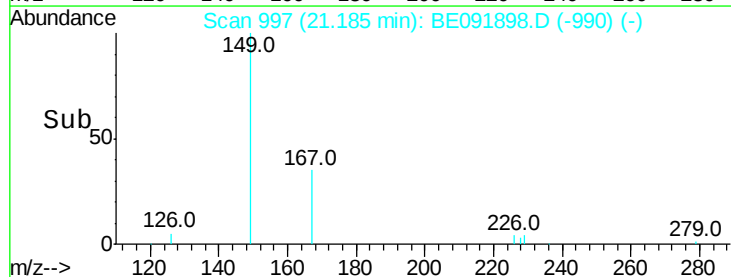
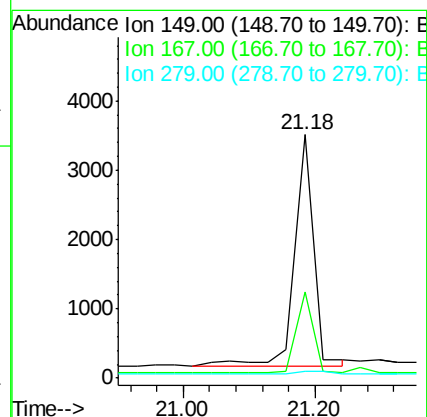
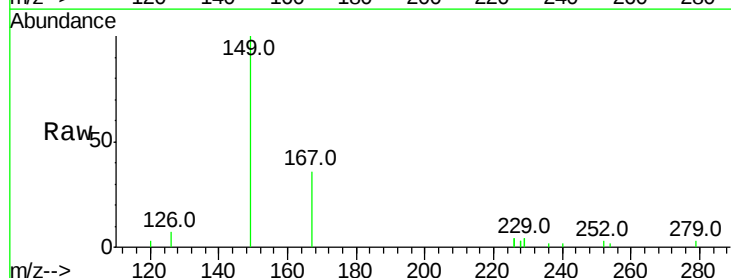
Tgt Ion:149 Resp: 6677

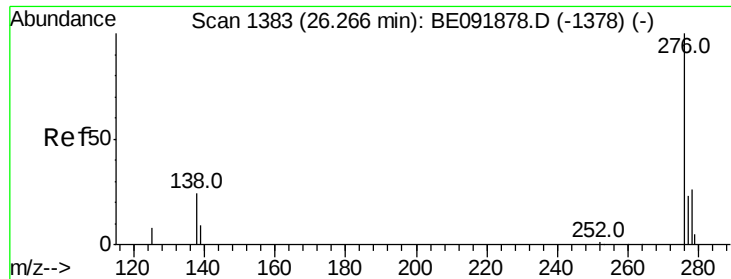
Ion Ratio Lower Upper

149 100

167 31.5 0.0 0.0#

279 2.3 0.0 0.0#





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.39 ng

RT: 26.27 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

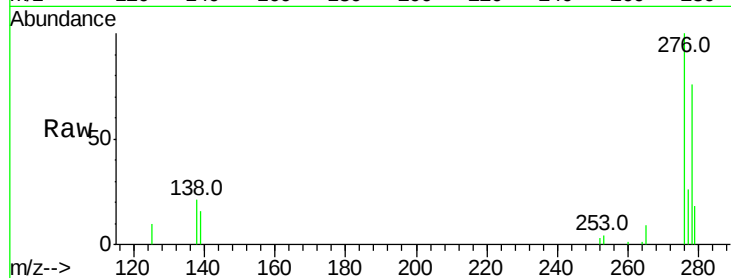
Tot Ion:276 Resp: 20845

Ion Ratio Lower Upper

276 100

138 0.0 19.7 29.5#

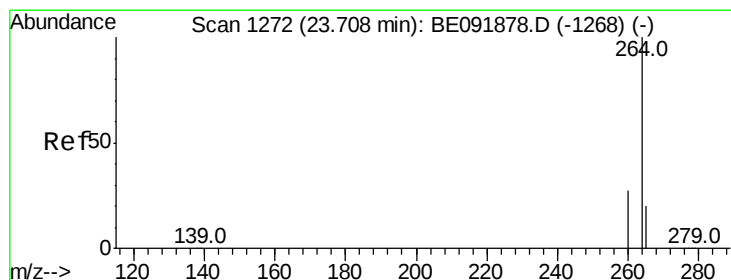
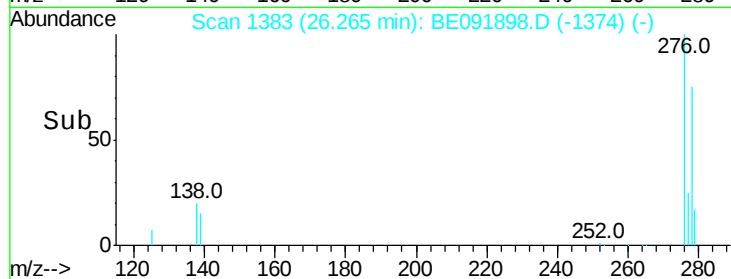
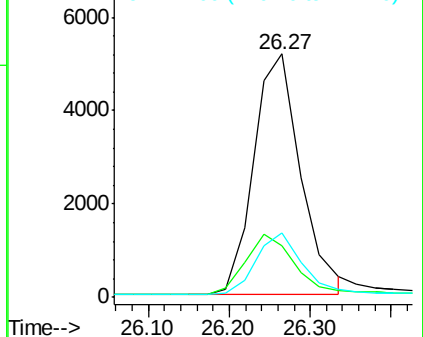
277 24.8 20.1 30.1



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# 1272

Delta R.T. -0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

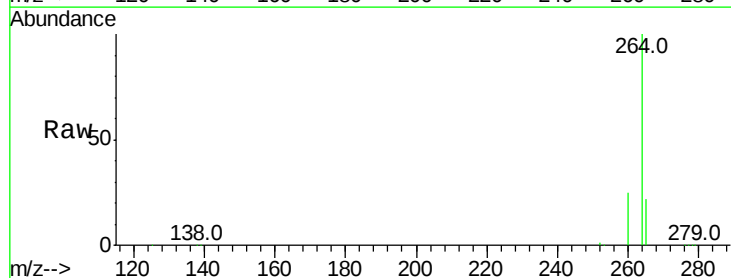
Tgt Ion:264 Resp: 200299

Ion Ratio Lower Upper

264 100

260 24.6 20.3 30.5

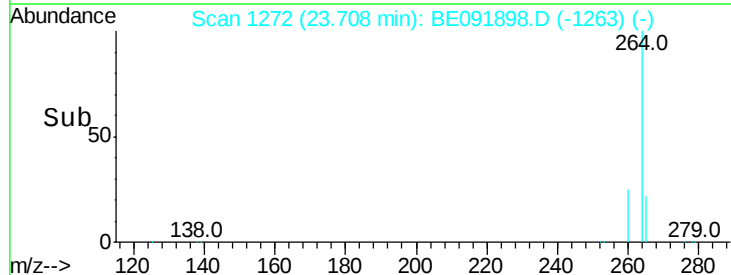
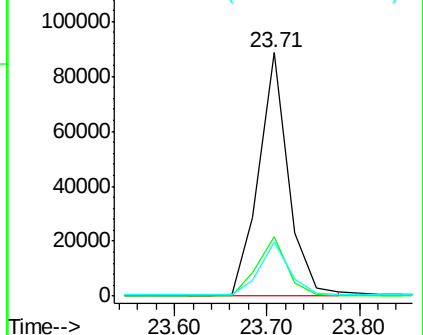
265 22.2 17.6 26.4

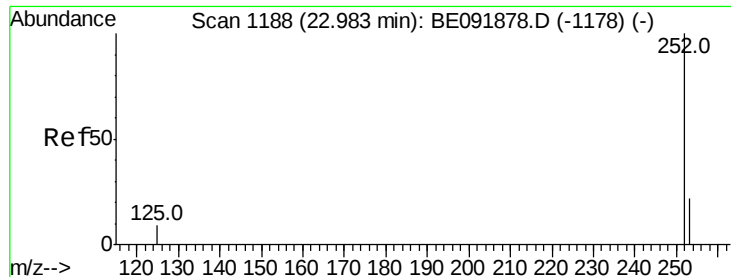


Abundance Ion 264.00 (263.70 to 264.70): E

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: 22.97 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :

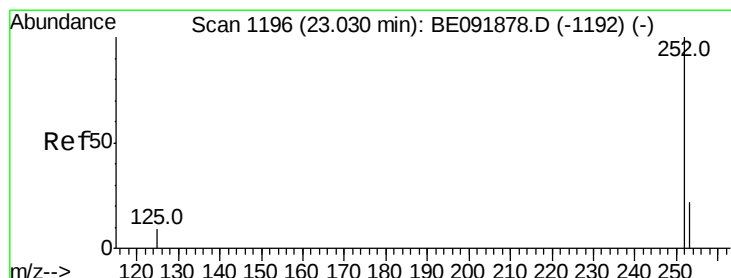
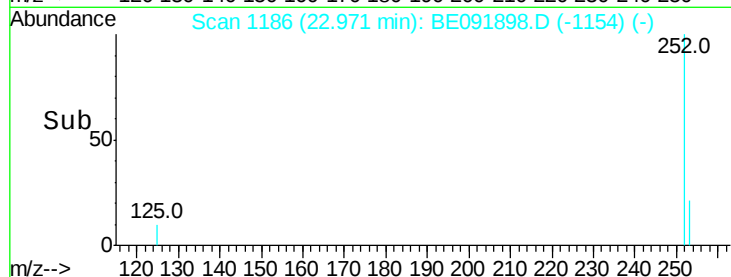
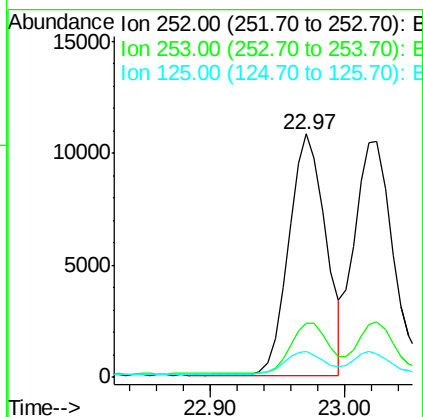
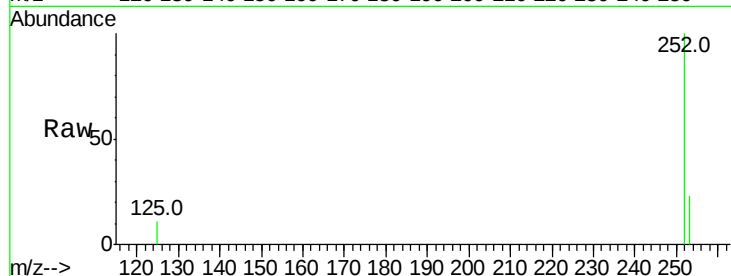
Tot Ion:252 Resp: 20379

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 10.9 9.4 14.2



#42

Benzo(k)fluoranthene

Concen: 0.43 ng

RT: 23.02 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

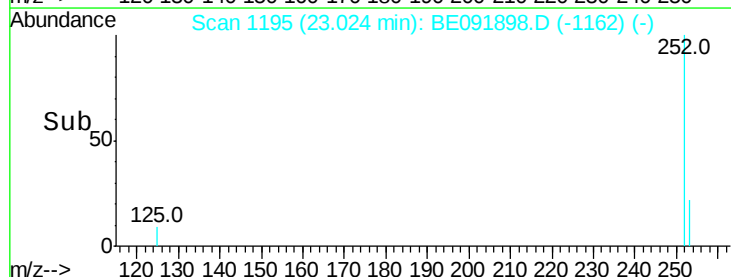
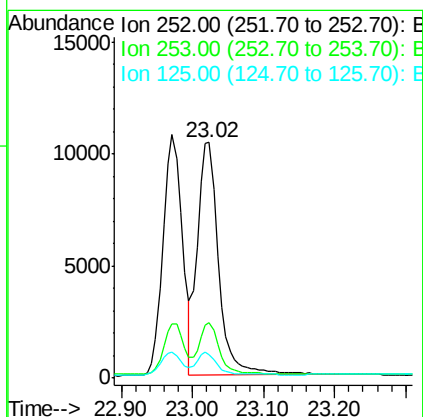
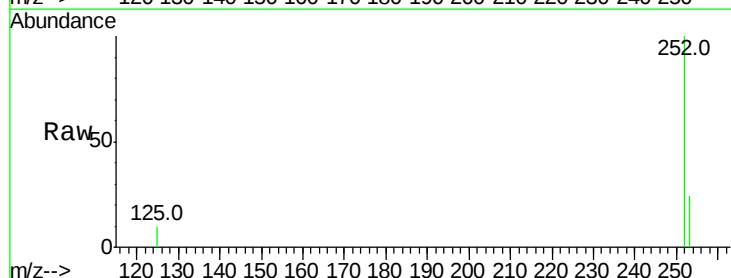
Tgt Ion:252 Resp: 21688

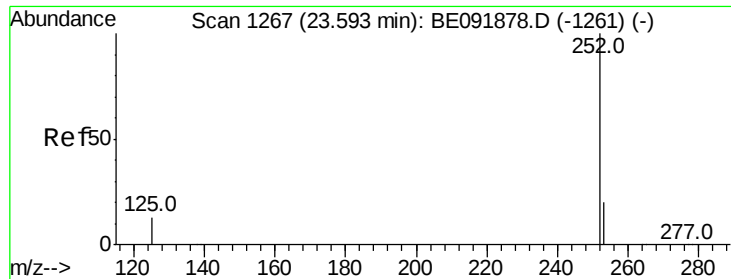
Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

125 10.2 8.3 12.5





#43

Benzo(a)pyrene

Concen: 0.42 ng

RT: 23.59 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampled :

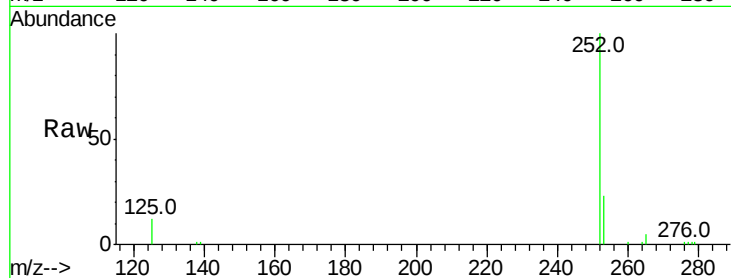
Tot Ion:252 Resp: 19461

Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

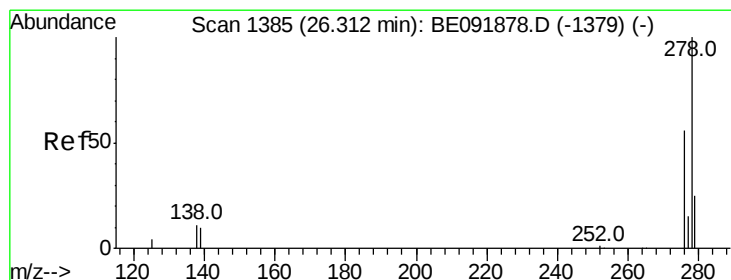
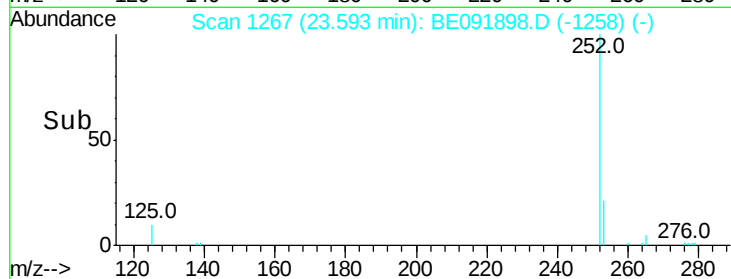
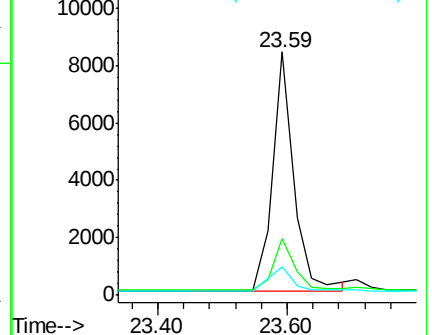
125 11.7 10.5 15.7



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: BE091898.D

Acq: 8 Jun 2016 5:05

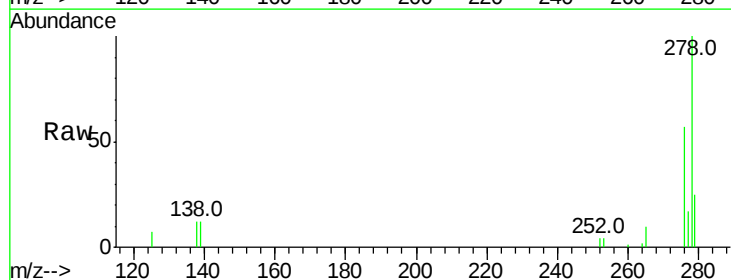
Tgt Ion:278 Resp: 17770

Ion Ratio Lower Upper

278 100

139 11.8 12.6 18.8#

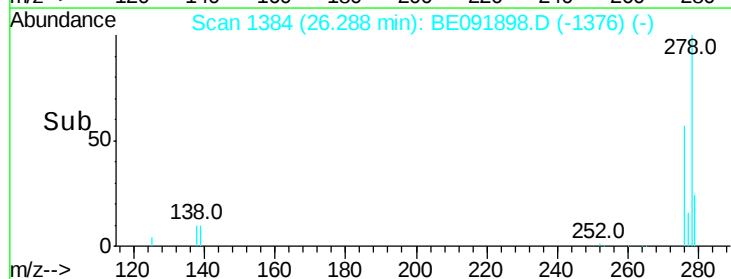
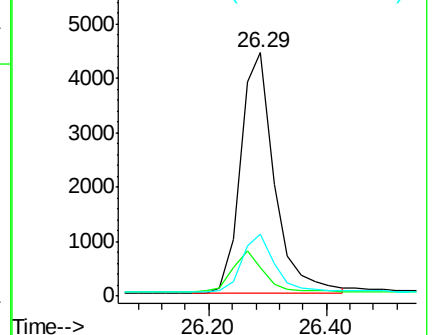
279 25.5 20.0 30.0

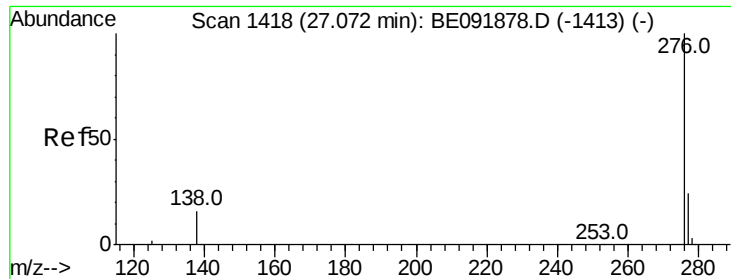


Abundance Ion 278.00 (277.70 to 278.70): E

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

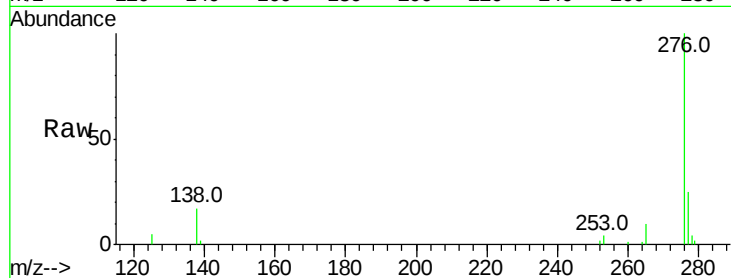
Lab File: BE091898.D

Acq: 8 Jun 2016 5:05

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	18868
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.5	29.3
138	16.9	17.7	26.5

