

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060816\
 Data File : BE091900.D
 Acq On : 8 Jun 2016 14:08
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 09 05:25:32 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 16:11:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	21077	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	97131	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	57730	5.00	ng	0.00
24) Phenanthrene-d10	17.12	188	162788	5.00	ng	0.00
31) Chrysene-d12	21.30	240	136976	5.00	ng	0.00
40) Perylene-d12	23.71	264	188018	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1695	0.38	ng	0.00
5) Phenol-d6	6.94	99	2095	0.38	ng	-0.02
9) Nitrobenzene-d5	8.91	82	2364	0.36	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	618	0.38	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	7376	0.42	ng	0.00
34) Terphenyl-d14	19.74	244	12551	0.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1292	0.40	ng	96
3) n-Nitrosodimethylamine	3.61	42	1320	0.37	ng	# 87
6) bis(2-Chloroethyl)ether	7.20	93	2338	0.39	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	1784	0.37	ng	# 96
10) Nitrobenzene	8.96	77	2329	0.40	ng	# 99
11) bis(2-Chloroethoxy)methane	9.98	93	3697	0.37	ng	# 70
12) Naphthalene	10.59	128	8973	0.43	ng	97
13) Hexachlorobutadiene	10.88	225	1334	0.43	ng	100
14) 2-Methylnaphthalene	12.22	142	5652	0.42	ng	91
18) Acenaphthylene	14.10	152	10028	0.38	ng	100
19) 2,6-Dinitrotoluene	13.96	165	1001	0.39	ng	95
20) Acenaphthene	14.44	154	6510	0.41	ng	97
21) 2,4-Dinitrotoluene	14.76	165	1089	0.42	ng	# 95
22) Fluorene	15.42	166	8089	0.41	ng	99
23) 4-Chlorophenyl-phenylether	15.42	204	4035	0.42	ng	99
25) 4-Bromophenyl-phenylether	16.31	248	2427	0.41	ng	98
26) Hexachlorobenzene	16.44	284	2725m	0.46	ng	
27) Pentachlorophenol	16.78	266	1170	0.63	ng	91
28) Phenanthrene	17.16	178	16644	0.44	ng	100
29) Anthracene	17.26	178	14003	0.42	ng	100
30) Fluoranthene	19.17	202	16445	0.40	ng	100
32) Benzidine	19.38	184	6635	0.69	ng	# 93
33) Pyrene	19.53	202	18364	0.53	ng	100
35) Benzo(a)anthracene	21.27	228	92387m	0.38	ng	
36) 3,3'-Dichlorobenzidine	21.21	252	3568	0.42	ng	# 81
37) Chrysene	21.33	228	43147m	0.31	ng	
38) Bis(2-ethylhexyl)phthalate	21.19	149	4896	0.31	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.27	276	19015	0.40	ng	99
41) Benzo(b)fluoranthene	22.98	252	17991	0.39	ng	98
42) Benzo(k)fluoranthene	23.03	252	19622	0.41	ng	99
43) Benzo(a)pyrene	23.59	252	16588	0.39	ng	99
44) Dibenzo(a,h)anthracene	26.29	278	15935	0.40	ng	99
45) Benzo(a,h,i)perylene	27.05	276	16919	0.40	ng	99

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QLast Update : Wed Jun 08 16:11:34 2016
Response via : Initial Calibration

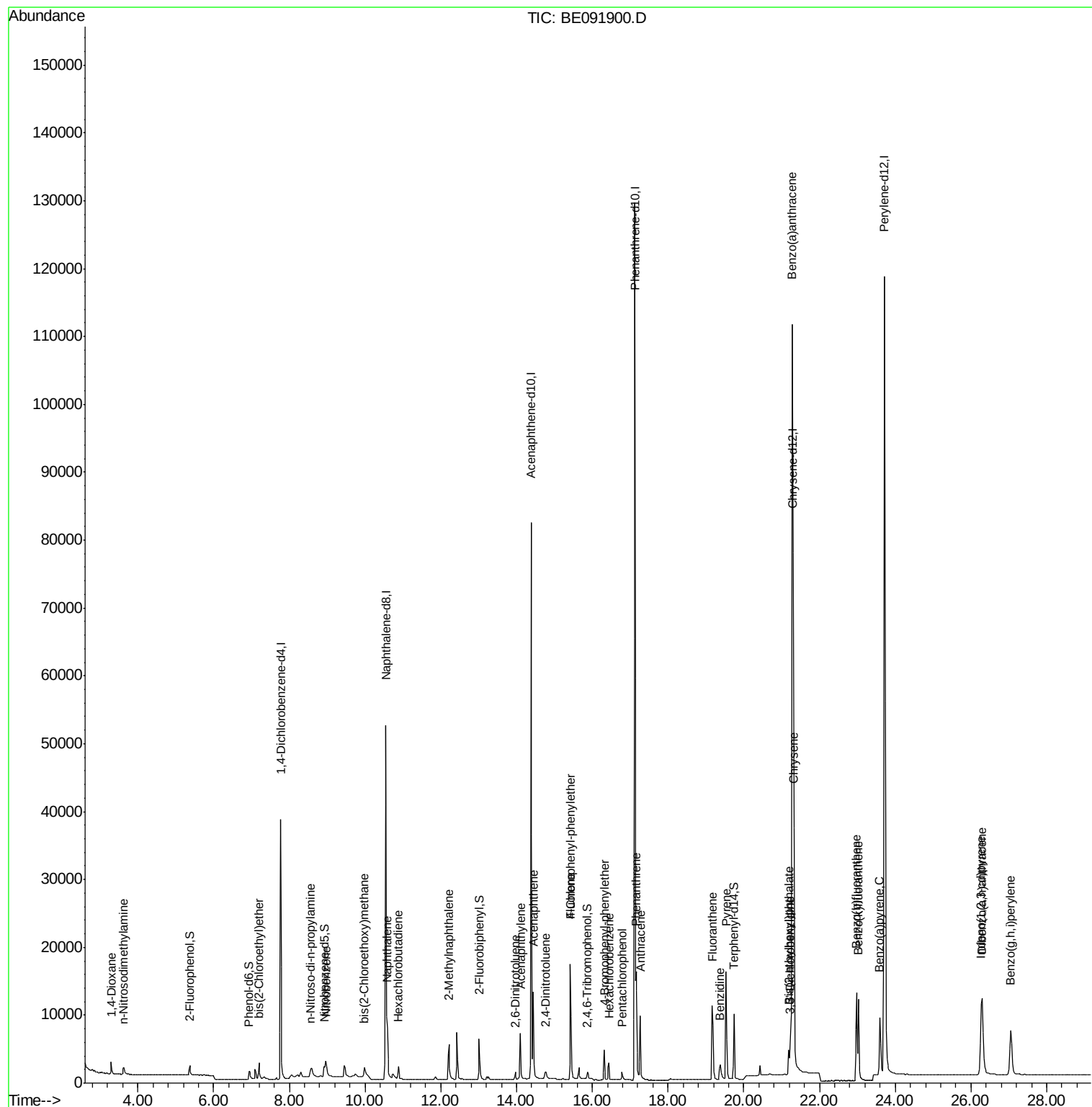
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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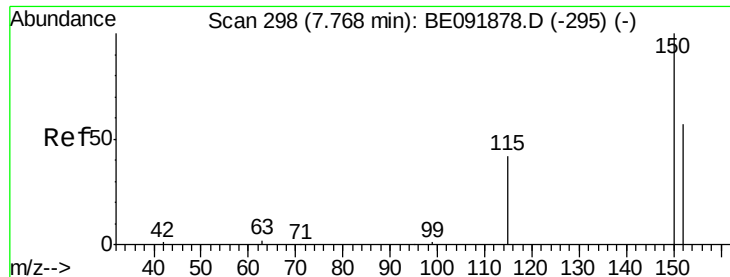
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 09 05:25:32 2016
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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: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

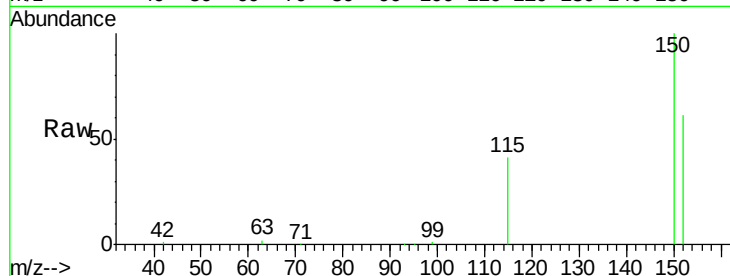
Tot Ion:152 Resp: 21077

Ion Ratio Lower Upper

152 100

150 164.1 123.9 185.9

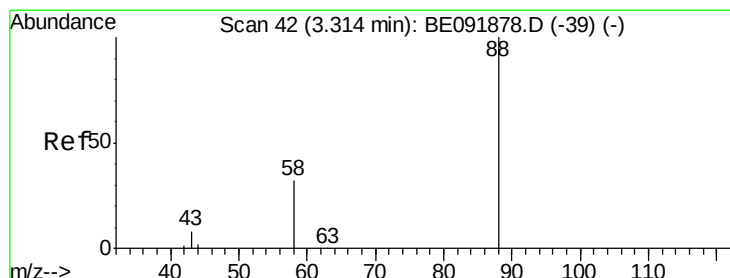
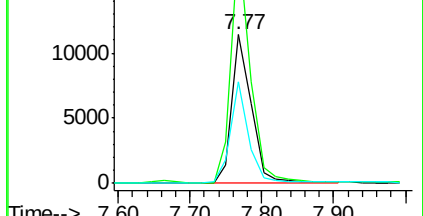
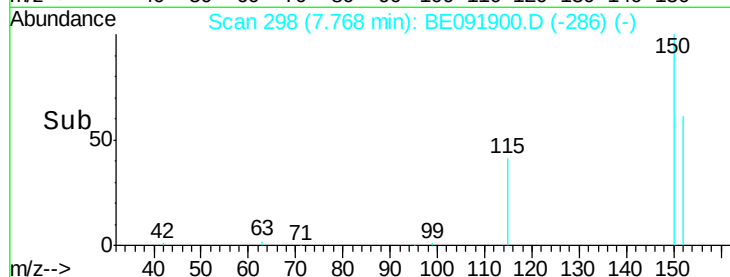
115 68.1 48.3 72.5



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: 0.40 ng

RT: 3.30 min Scan# 41

Delta R.T. -0.02 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

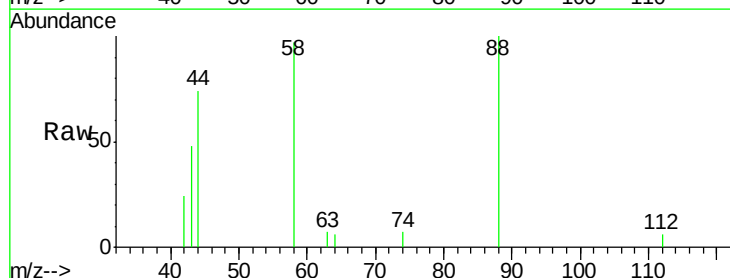
Tgt Ion: 88 Resp: 1292

Ion Ratio Lower Upper

88 100

58 81.7 63.0 94.4

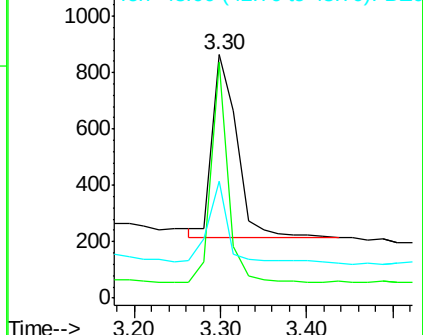
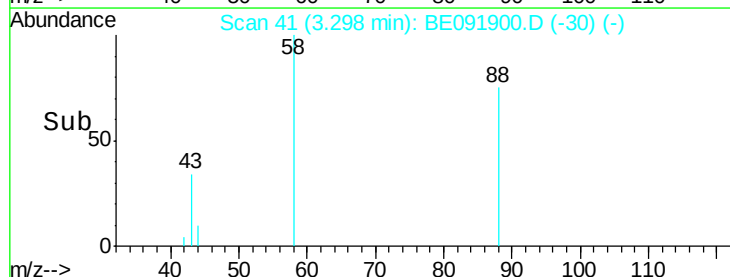
43 33.0 29.1 43.7

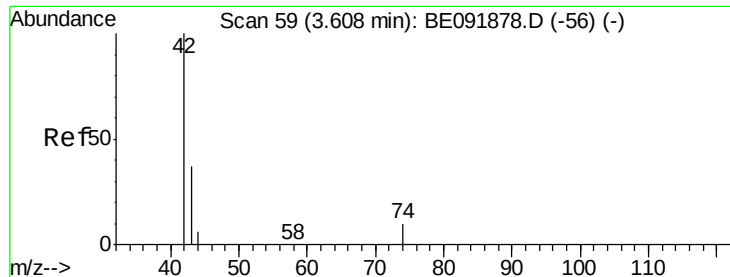


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.61 min Scan# 59

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

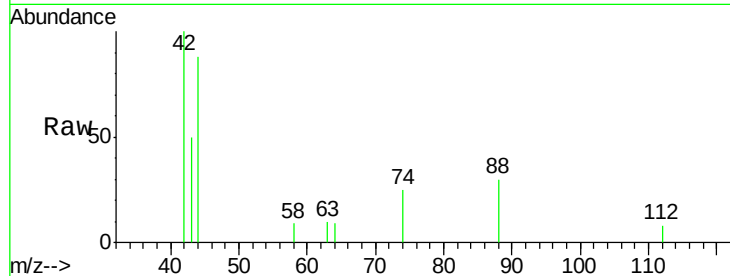
Tot Ion: 42 Resp: 1320

Ion Ratio Lower Upper

42 100

74 102.8 93.4 140.0

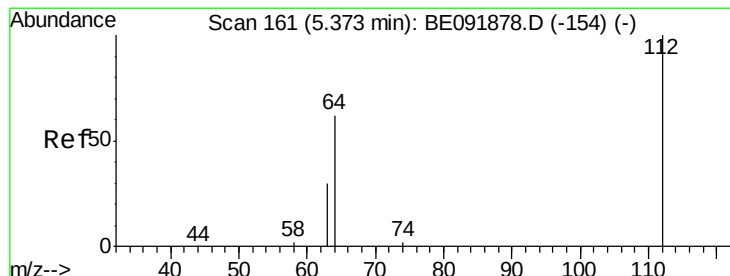
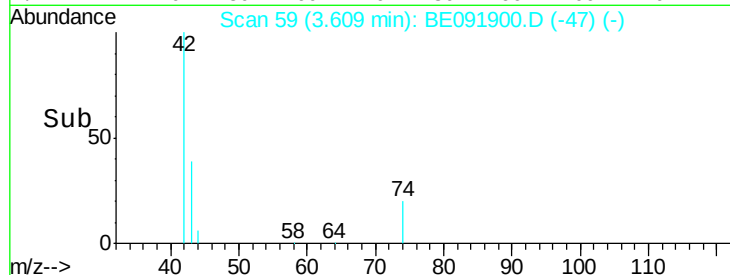
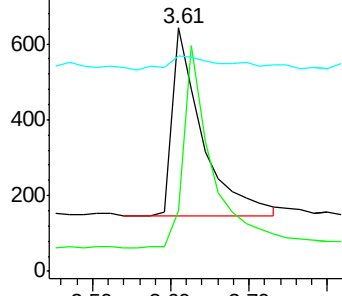
44 13.6 5.0 7.6#



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: 0.38 ng

RT: 5.37 min Scan# 161

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

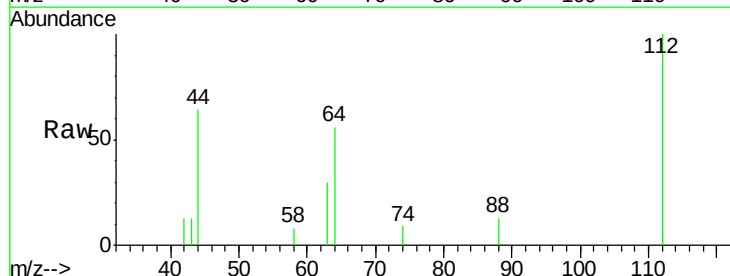
Tgt Ion: 112 Resp: 1695

Ion Ratio Lower Upper

112 100

64 67.7 53.7 80.5

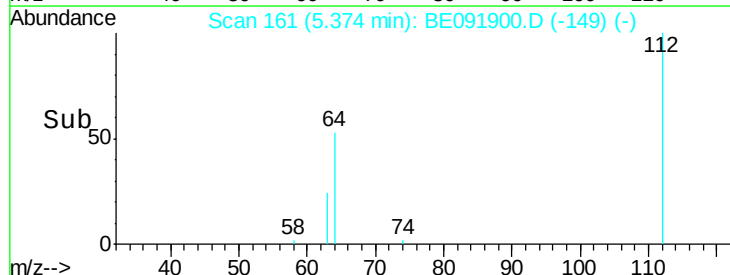
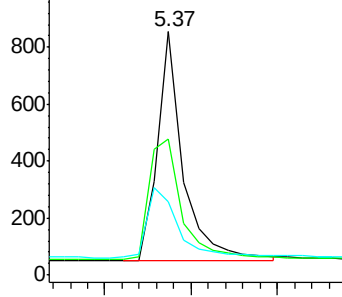
63 37.6 29.5 44.3

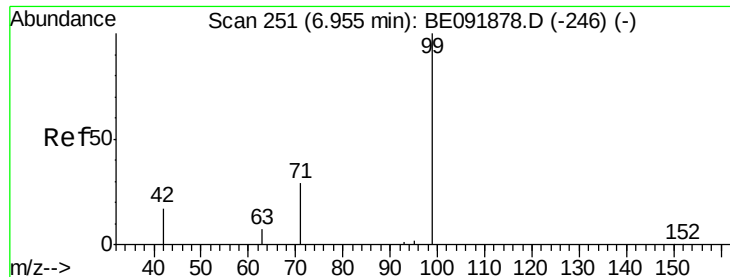


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.38 ng

RT: 6.94 min Scan# 250

Delta R.T. -0.02 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

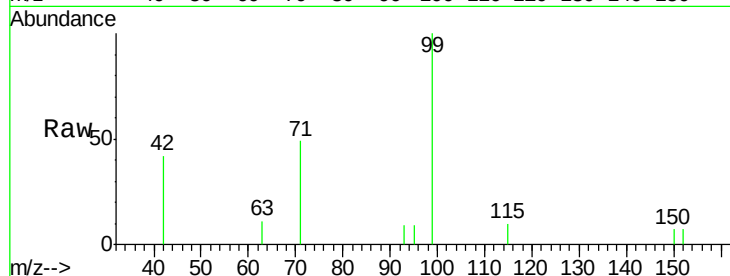
Tot Ion: 99 Resp: 2095

Ion Ratio Lower Upper

99 100

42 25.1 19.6 29.4

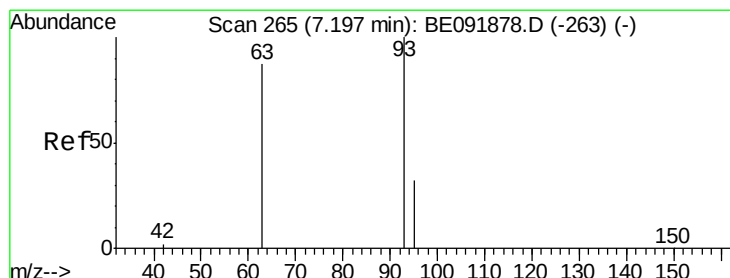
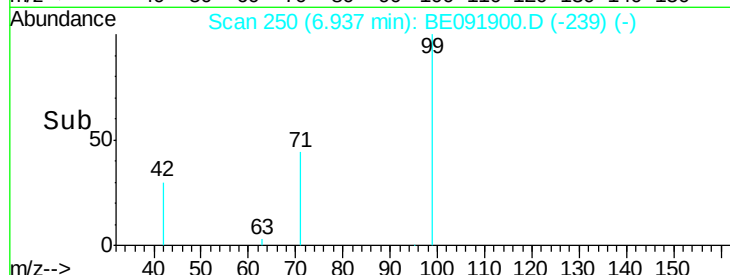
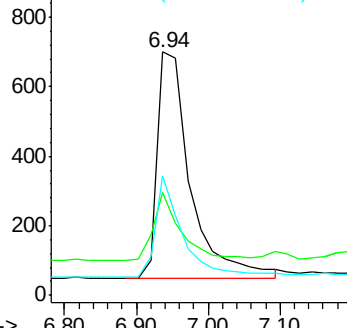
71 36.5 28.1 42.1



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: BE091900.D

Acq: 8 Jun 2016 14:08

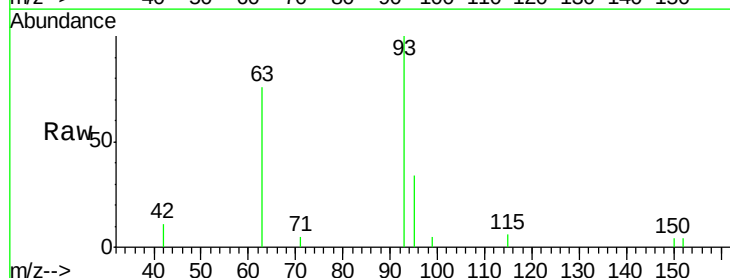
Tgt Ion: 93 Resp: 2338

Ion Ratio Lower Upper

93 100

63 81.8 66.2 99.4

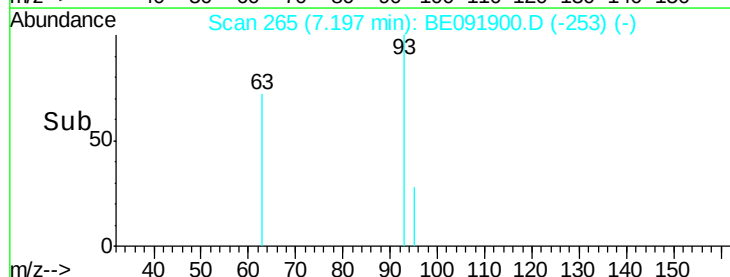
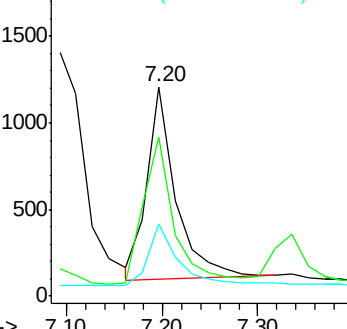
95 33.2 25.5 38.3

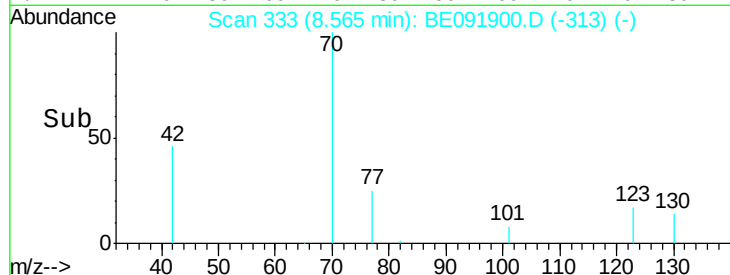
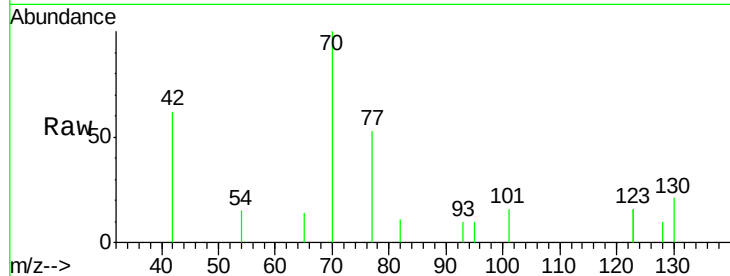
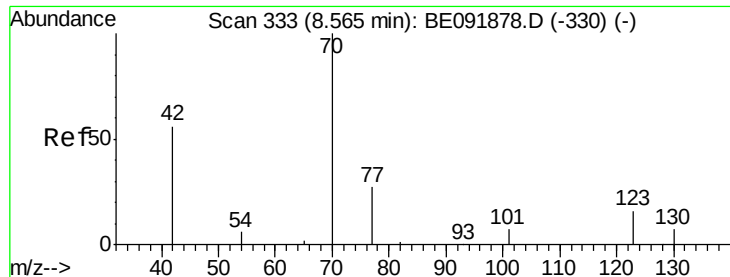


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.37 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion: 70 Resp: 1784

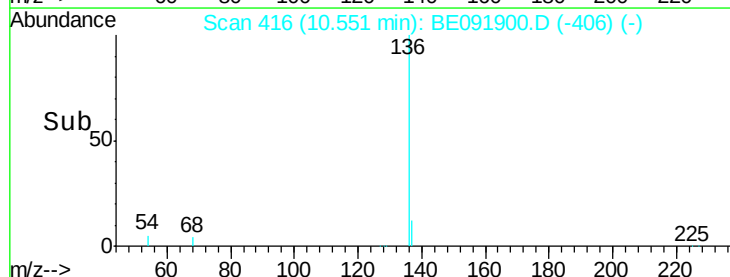
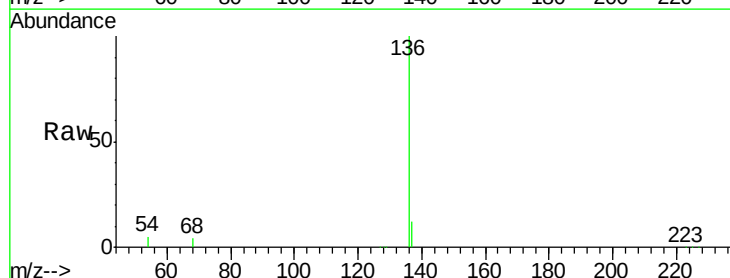
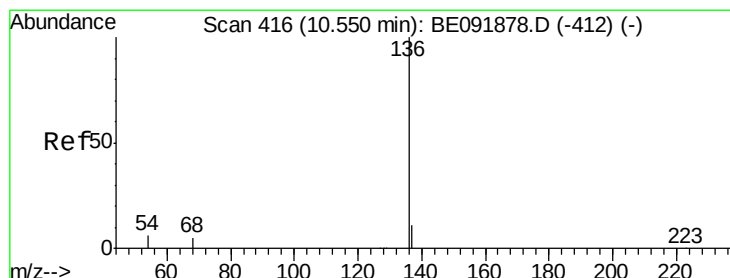
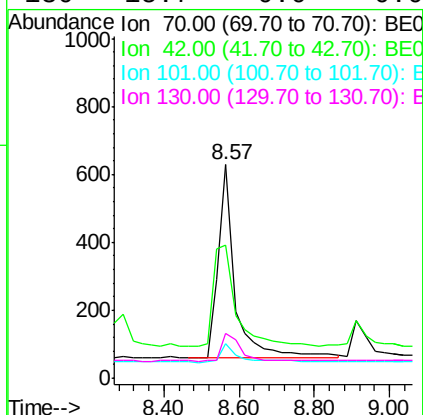
Ion Ratio Lower Upper

70 100

42 70.2 58.4 87.6

101 9.7 6.4 9.6#

130 15.7 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: BE091900.D

Acq: 8 Jun 2016 14:08

Tgt Ion: 136 Resp: 97131

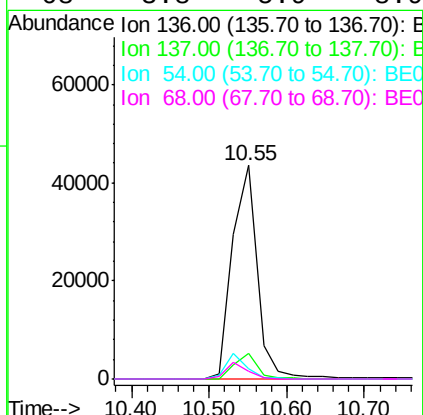
Ion Ratio Lower Upper

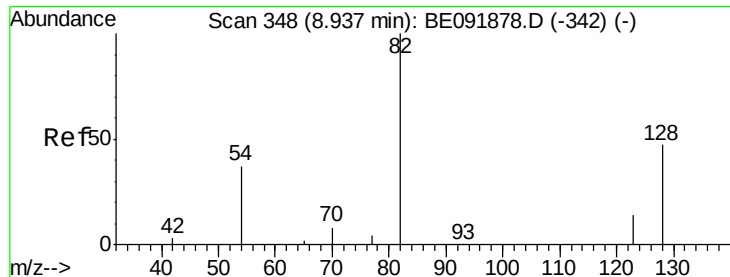
136 100

137 11.8 8.3 12.5

54 4.7 8.2 12.4#

68 3.8 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 0.36 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

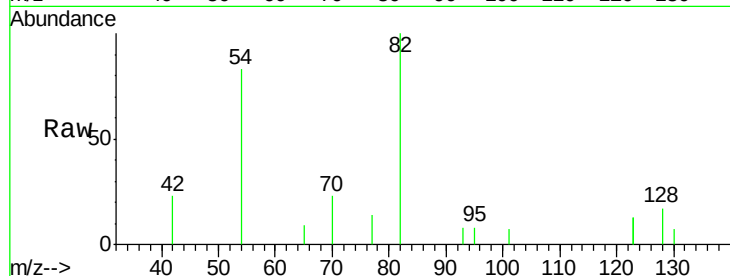
Tot Ion: 82 Resp: 2364

Ion Ratio Lower Upper

82 100

128 17.1 39.5 59.3#

54 83.5 30.3 45.5#



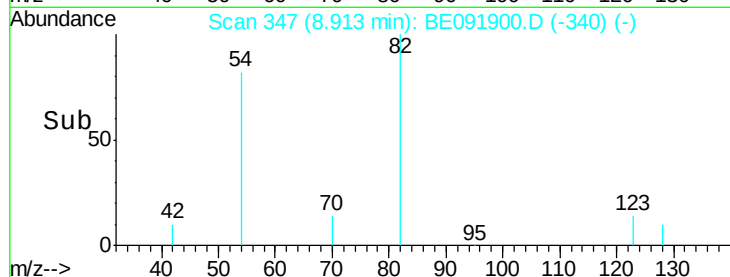
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

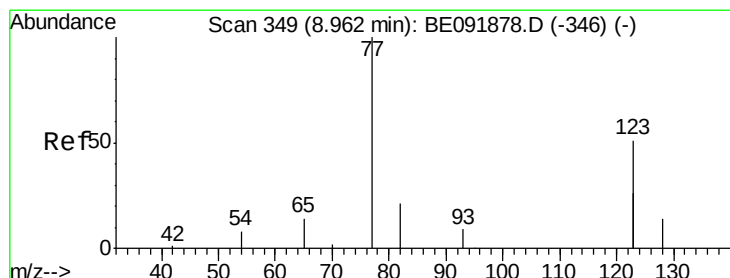
Ion 54.00 (53.70 to 54.70): BE0

8.91

Time-->



Time-->



#10

Nitrobenzene

Concen: 0.40 ng

RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

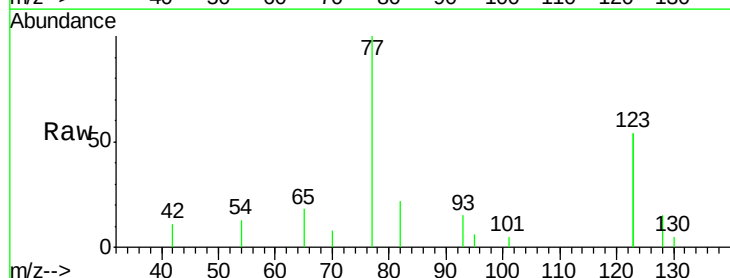
Tgt Ion: 77 Resp: 2329

Ion Ratio Lower Upper

77 100

123 142.8 0.0 0.0#

65 13.3 11.1 16.7



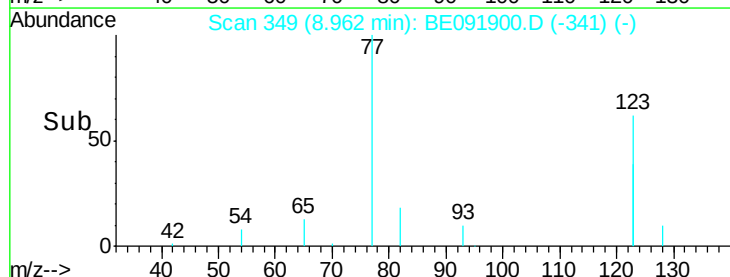
Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

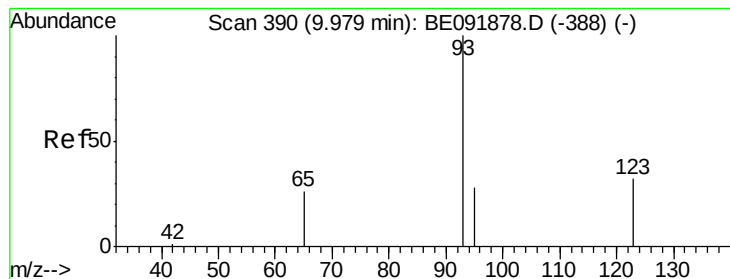
Ion 65.00 (64.70 to 65.70): BE0

8.96

Time-->



Time-->



#11

bis(2-Chloroethoxy)methane

Concen: 0.37 ng

RT: 9.98 min Scan# 390

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

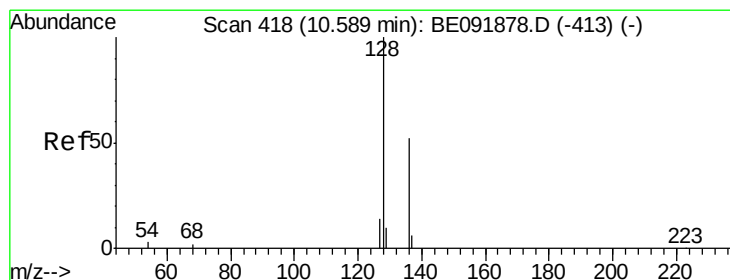
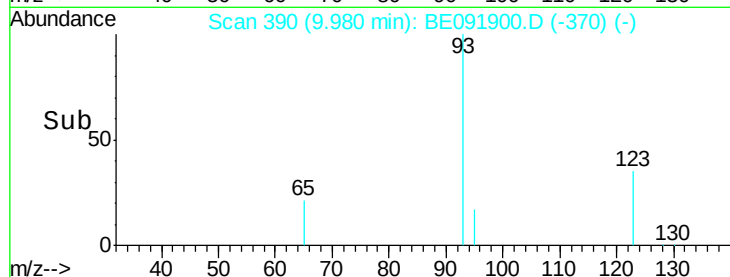
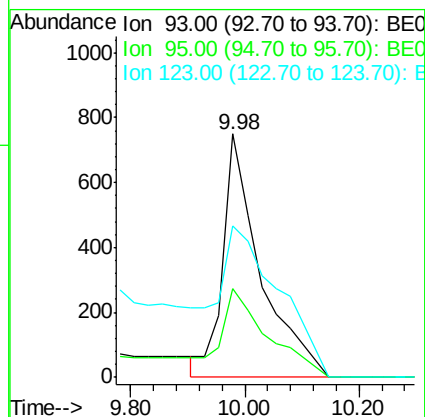
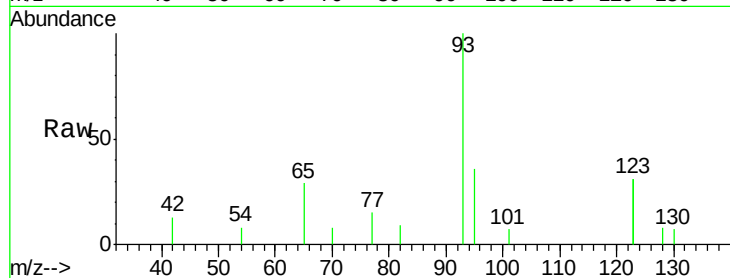
Tot Ion: 93 Resp: 3697

Ion Ratio Lower Upper

93 100

95 42.7 57.6 86.4#

123 93.6 100.2 150.4#



#12

Naphthalene

Concen: 0.43 ng

RT: 10.59 min Scan# 418

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

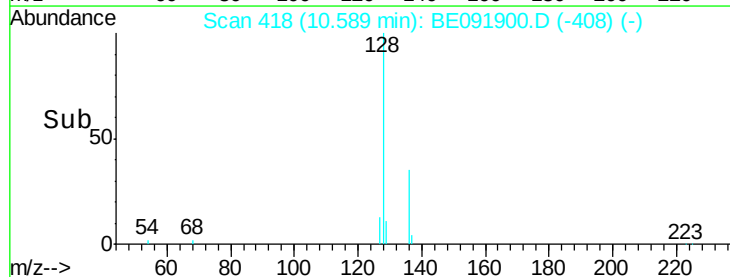
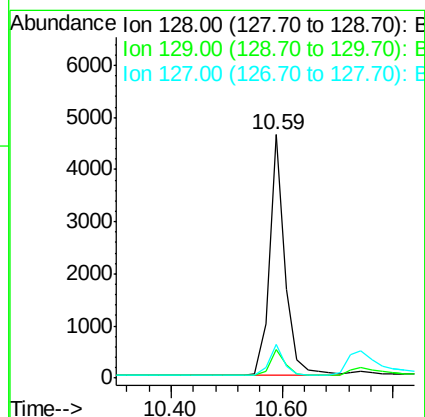
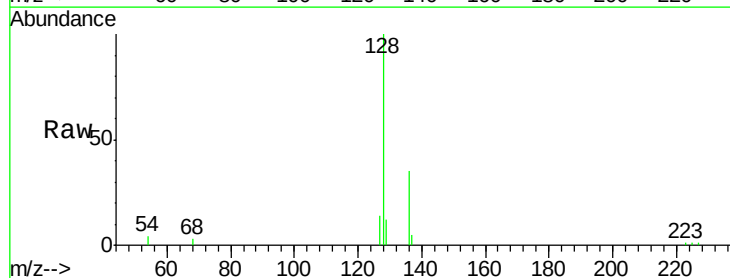
Tgt Ion: 128 Resp: 8973

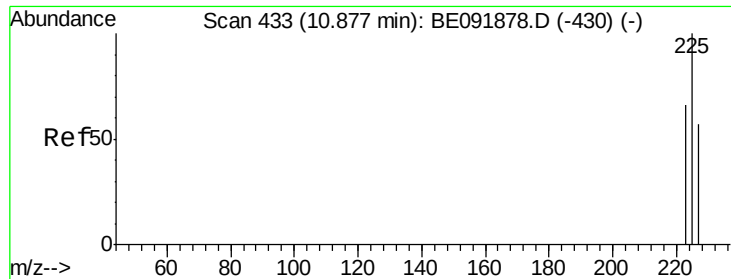
Ion Ratio Lower Upper

128 100

129 11.8 10.4 15.6

127 13.9 10.2 15.2

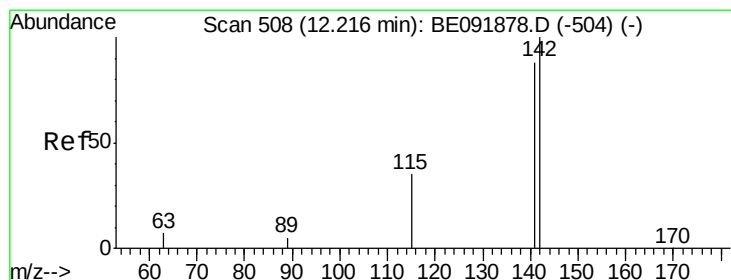
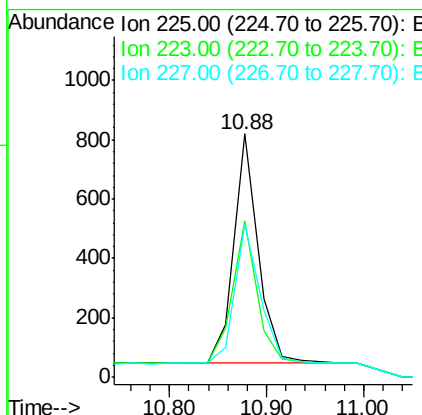
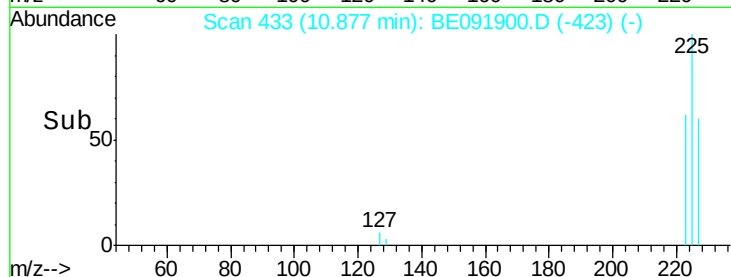
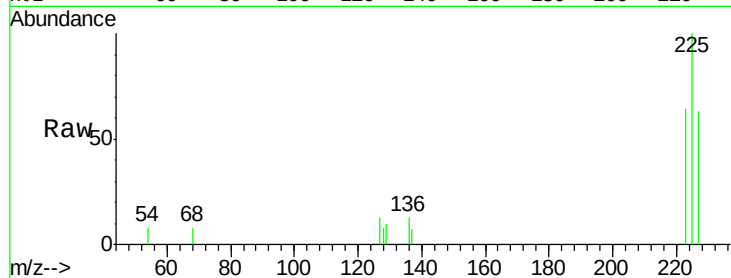




#13
Hexachlorobutadiene
Concen: 0.43 ng
RT: 10.88 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

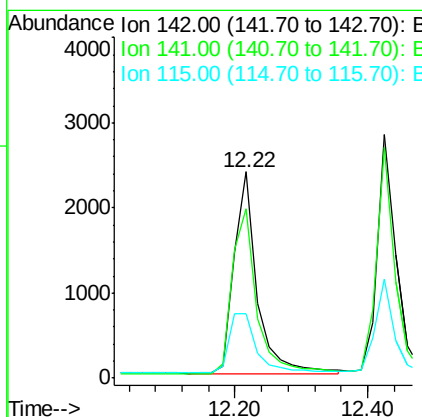
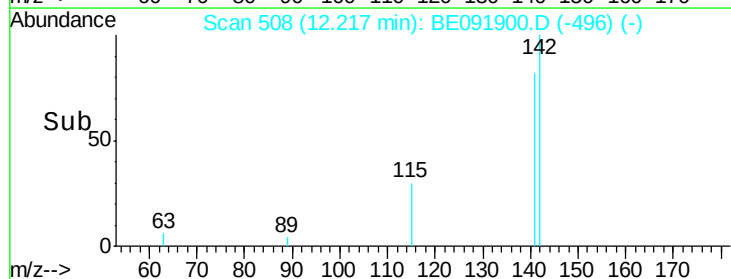
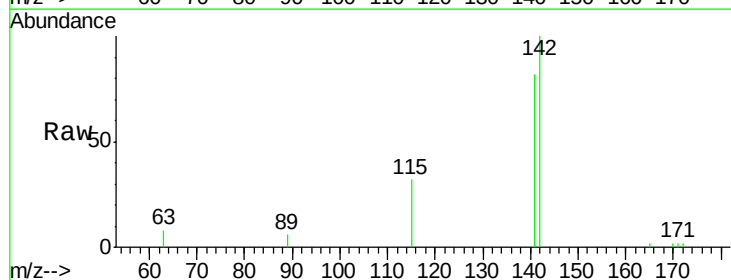
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

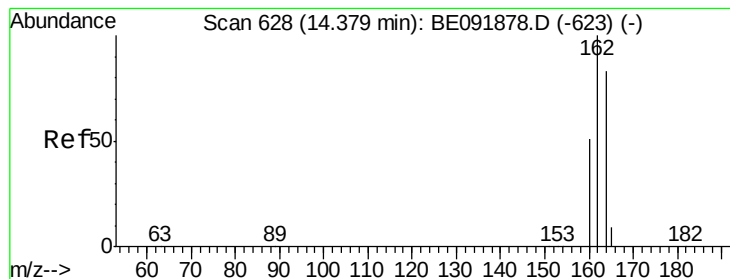
Tot Ion:225 Resp: 1334
Ion Ratio Lower Upper
225 100
223 62.4 49.8 74.8
227 62.8 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.22 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

Tgt Ion:142 Resp: 5652
Ion Ratio Lower Upper
142 100
141 81.8 71.9 107.9
115 31.5 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: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

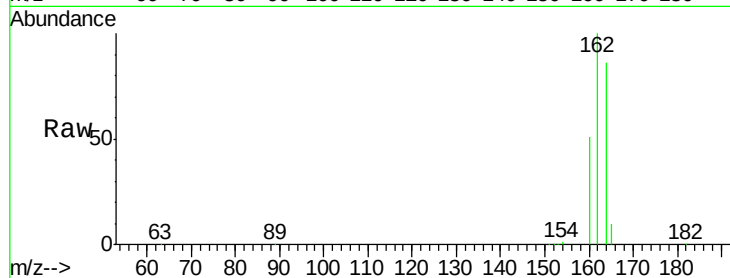
Tot Ion:164 Resp: 57730

Ion Ratio Lower Upper

164 100

162 116.9 71.8 107.8#

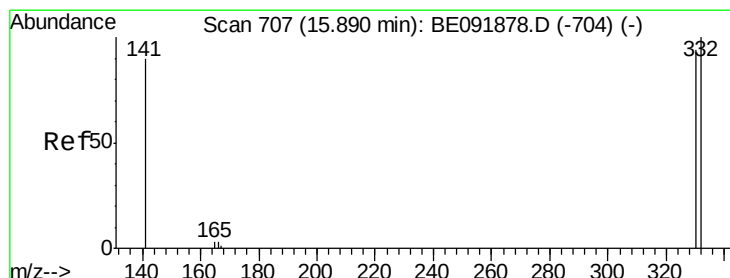
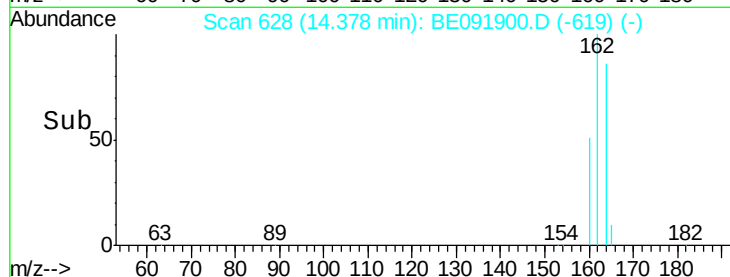
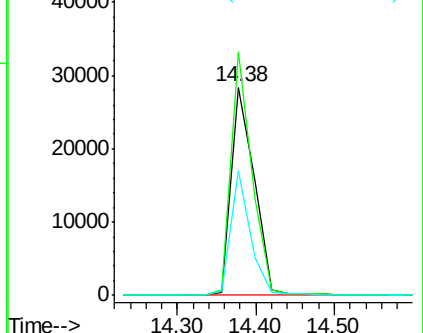
160 59.5 28.0 42.0#



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: 0.38 ng

RT: 15.87 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

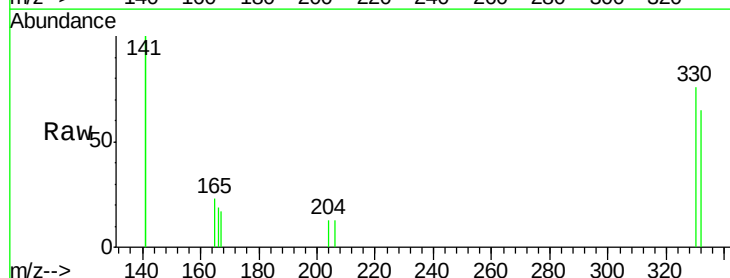
Tgt Ion:330 Resp: 618

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

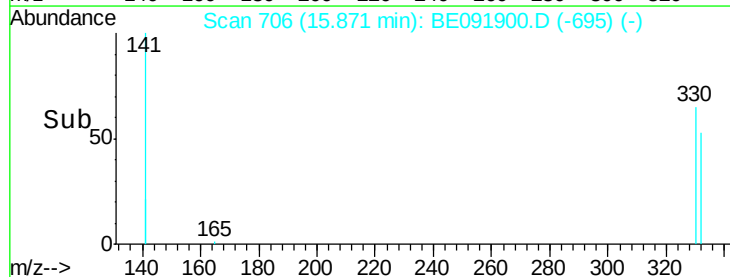
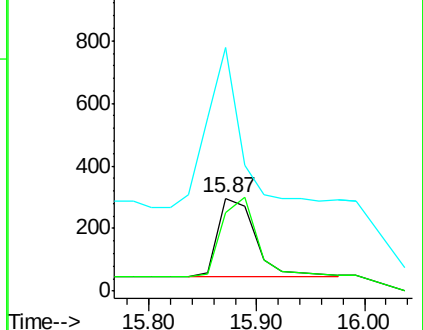
141 192.2 138.4 207.6

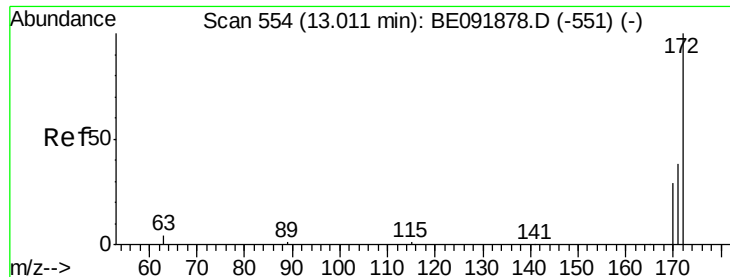


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

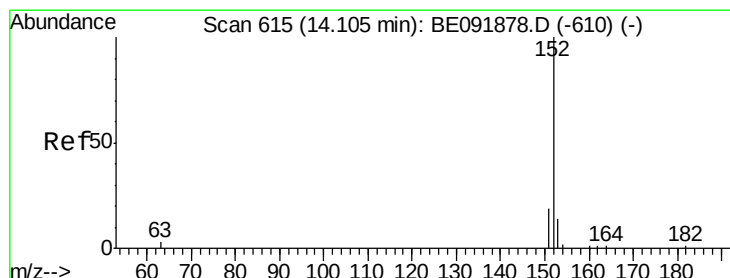
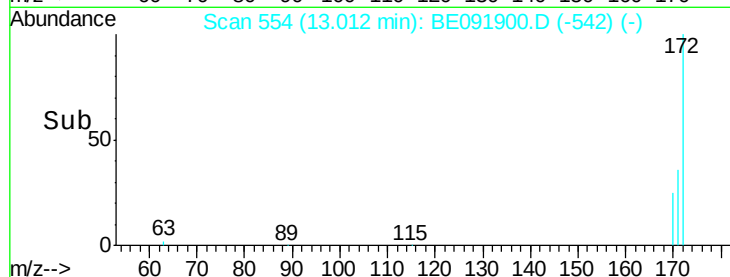
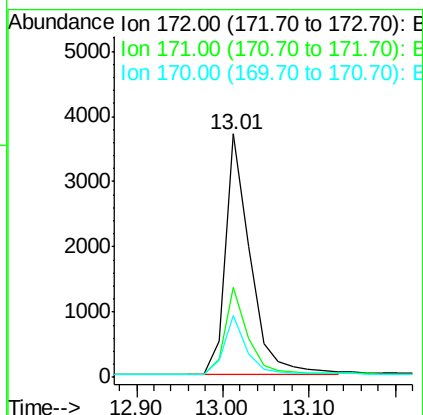
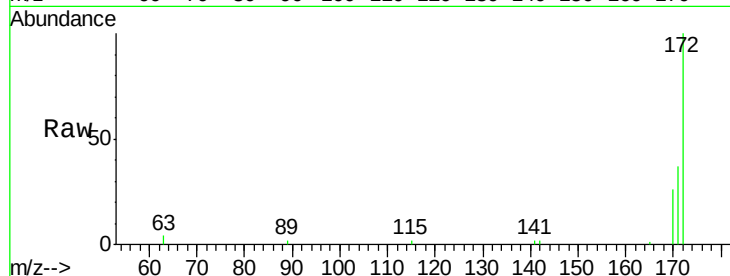




#17
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.01 min Scan# 554
Delta R.T. 0.00 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

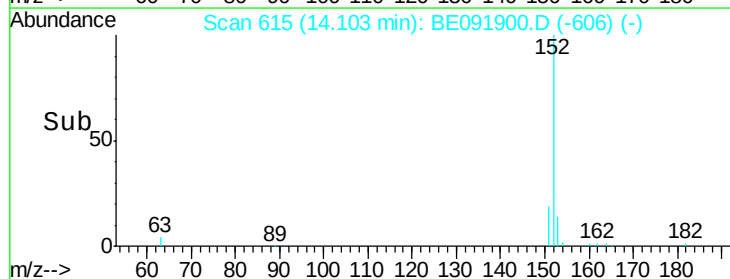
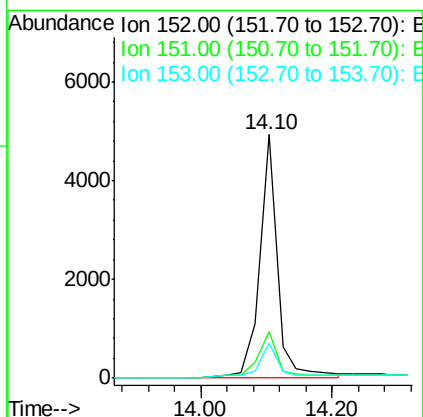
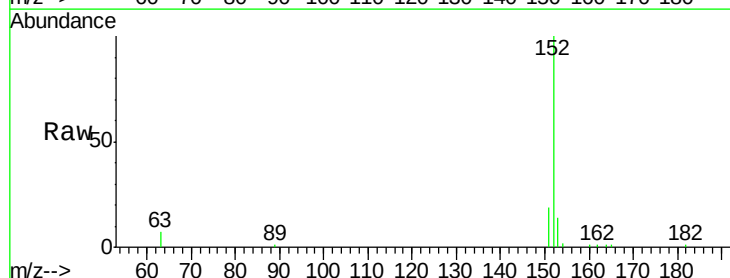
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

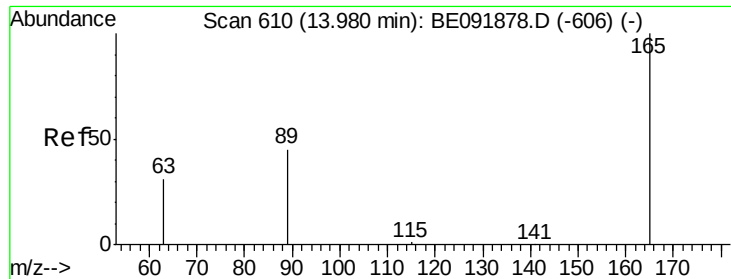
Tot Ion:172 Resp: 7376
Ion Ratio Lower Upper
172 100
171 37.2 24.3 36.5#
170 25.7 14.9 22.3#



#18
Acenaphthylene
Concen: 0.38 ng
RT: 14.10 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

Tgt Ion:152 Resp: 10028
Ion Ratio Lower Upper
152 100
151 24.2 19.4 29.2
153 18.3 14.4 21.6

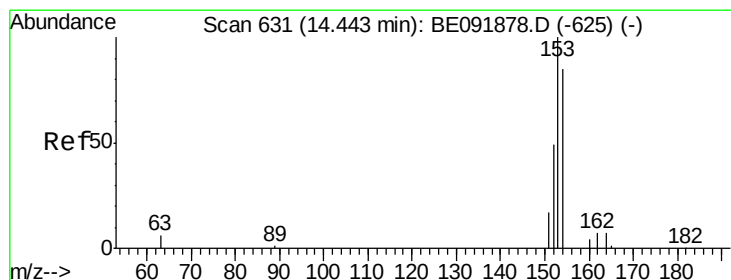
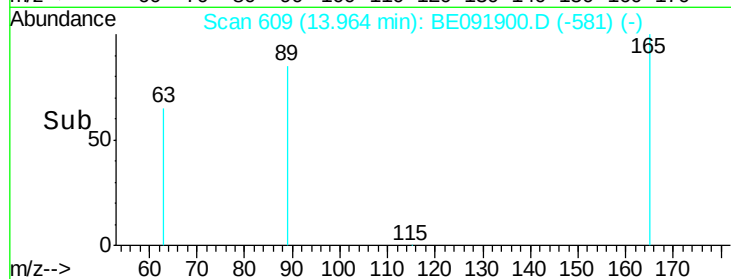
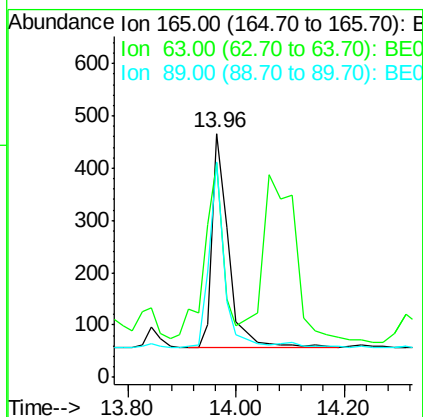
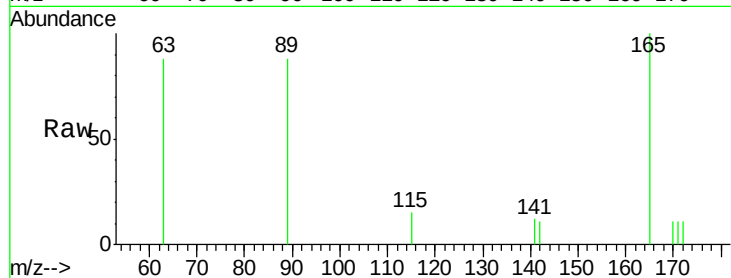




#19
2,6-Dinitrotoluene
Concen: 0.39 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

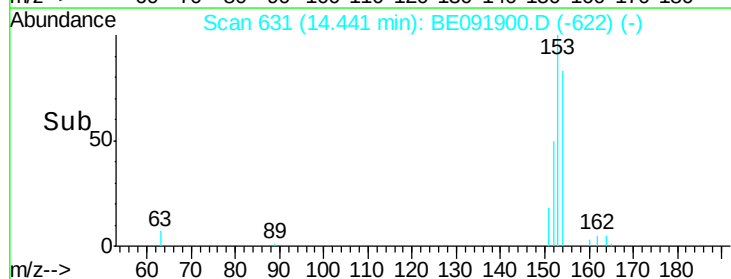
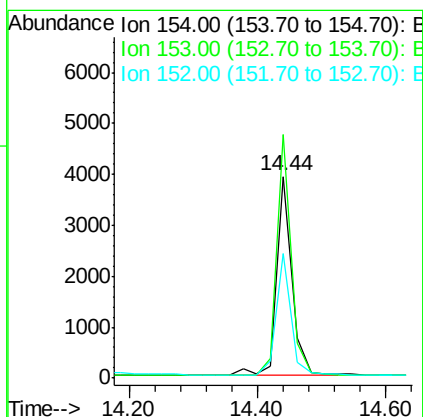
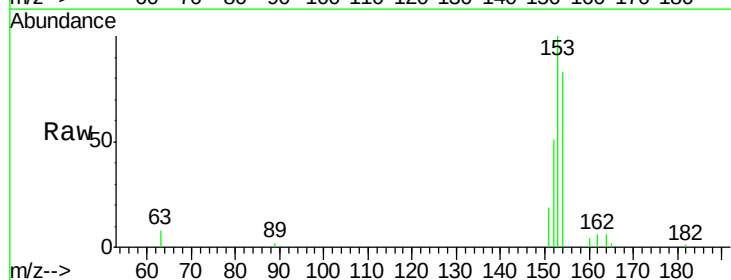
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

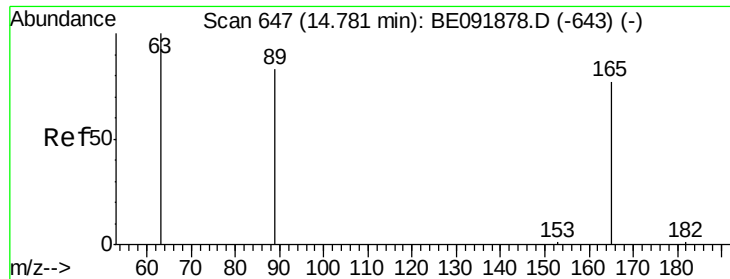
Tot Ion:165 Resp: 1001
Ion Ratio Lower Upper
165 100
63 86.4 65.9 98.9
89 78.0 59.1 88.7



#20
Acenaphthene
Concen: 0.41 ng
RT: 14.44 min Scan# 631
Delta R.T. -0.00 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

Tgt Ion:154 Resp: 6510
Ion Ratio Lower Upper
154 100
153 113.5 88.1 132.1
152 56.8 44.2 66.2

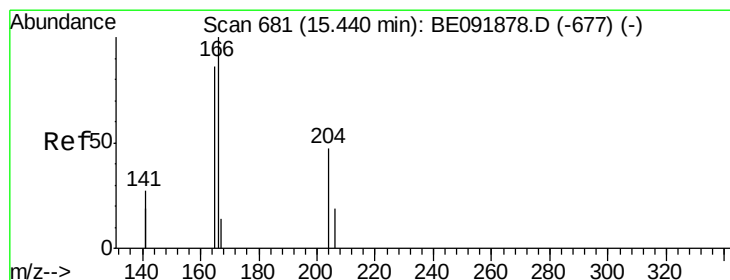
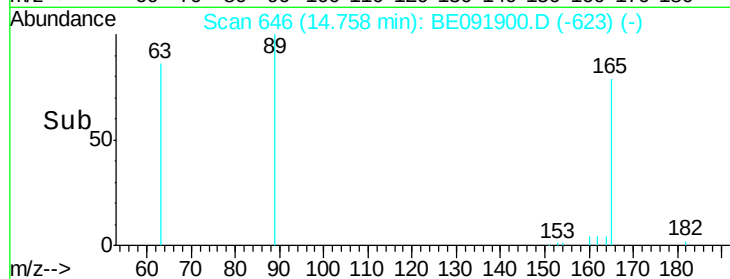
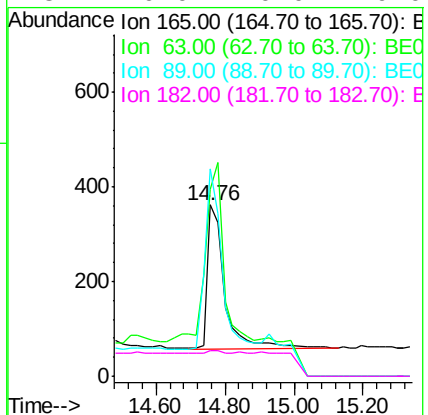
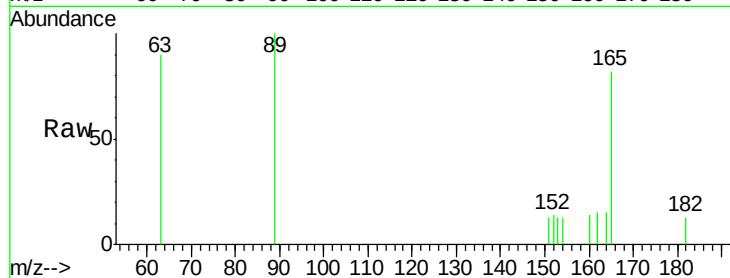




#21
2,4-Dinitrotoluene
Concen: 0.42 ng
RT: 14.76 min Scan# 646
Delta R.T. -0.02 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

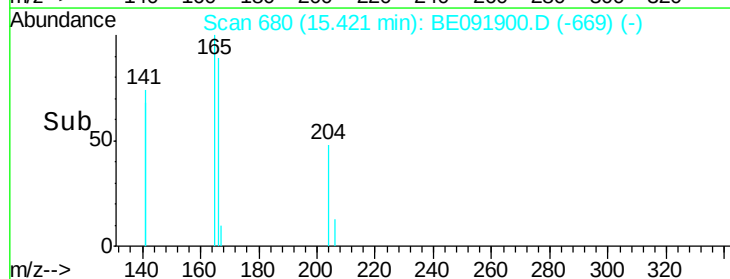
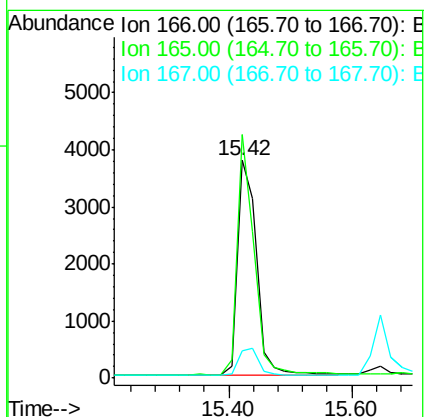
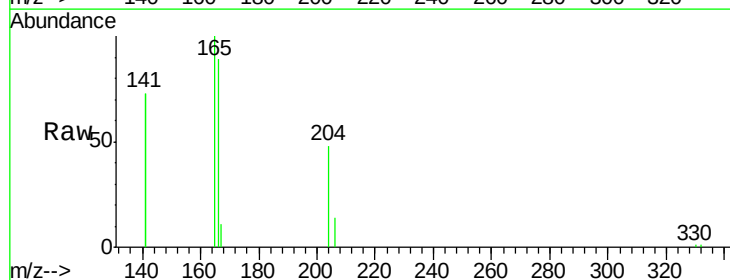
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

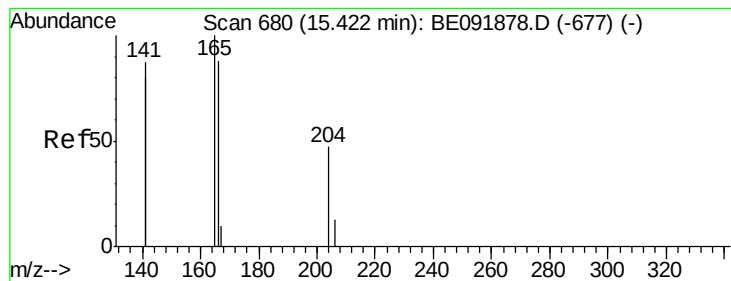
Tot Ion:165 Resp: 1089
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 118.8 99.8 149.8
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.41 ng
RT: 15.42 min Scan# 680
Delta R.T. -0.02 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

Tgt Ion:166 Resp: 8089
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 13.3 10.8 16.2





#23

4-Chlorophenyl-phenylether

Concen: 0.42 ng

RT: 15.42 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

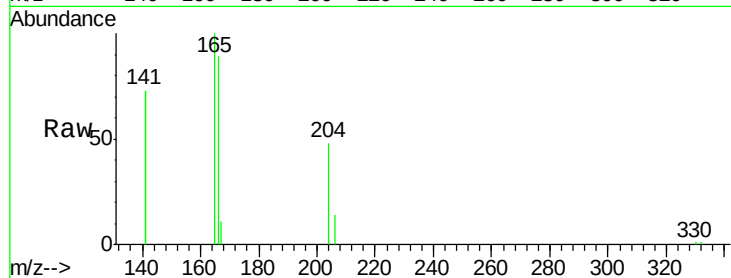
Tot Ion:204 Resp: 4035

Ion Ratio Lower Upper

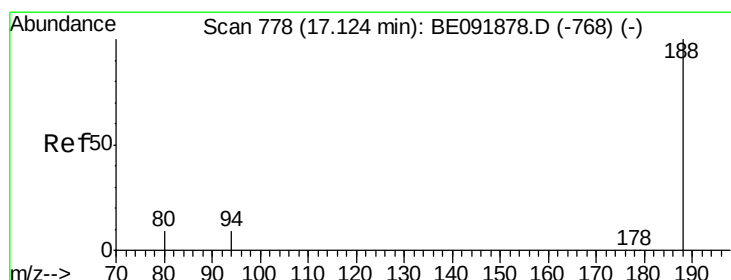
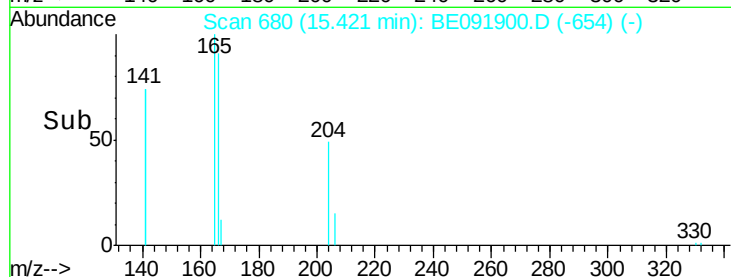
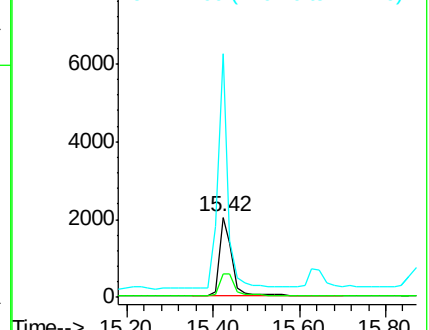
204 100

206 33.6 27.8 41.6

141 246.4 197.6 296.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

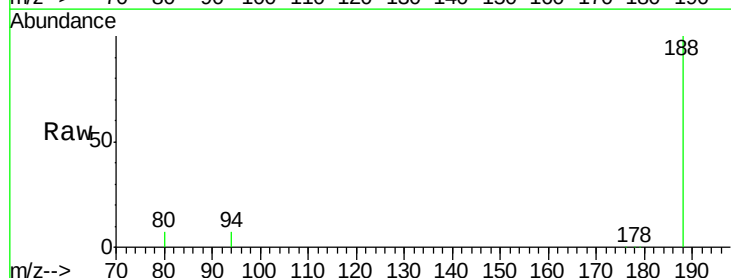
Tgt Ion:188 Resp: 162788

Ion Ratio Lower Upper

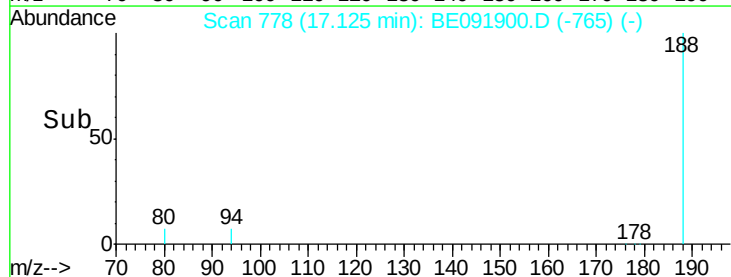
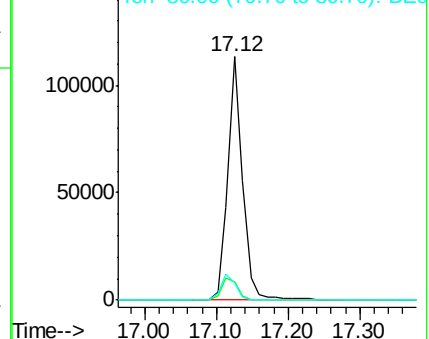
188 100

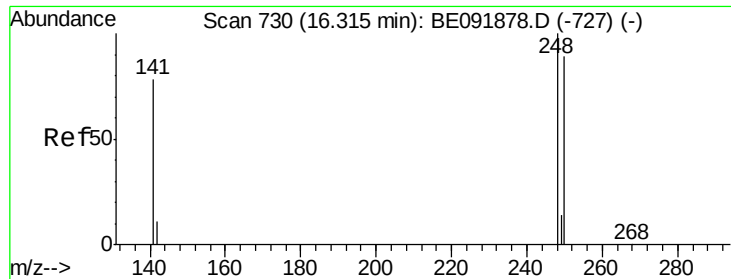
94 7.3 4.1 6.1#

80 6.8 3.4 5.2#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

4-Bromophenyl-phenylether

Concen: 0.41 ng

RT: 16.31 min Scan# 730

Delta R.T. -0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

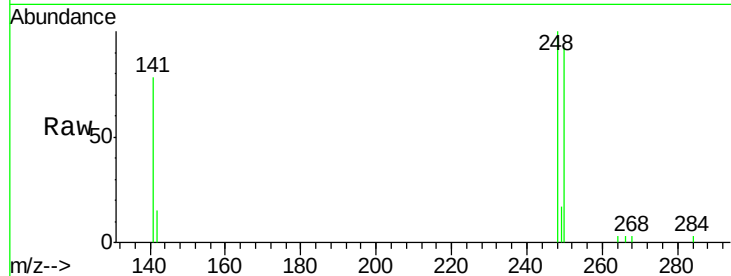
Tot Ion:248 Resp: 2427

Ion Ratio Lower Upper

248 100

250 97.1 75.7 113.5

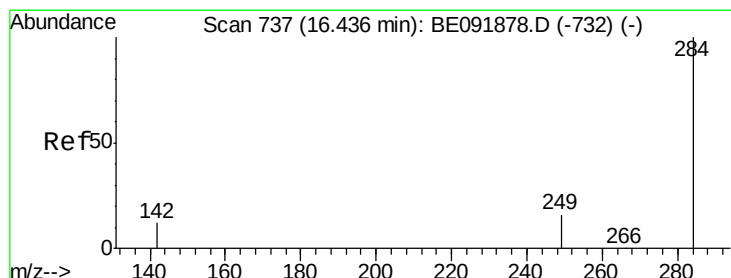
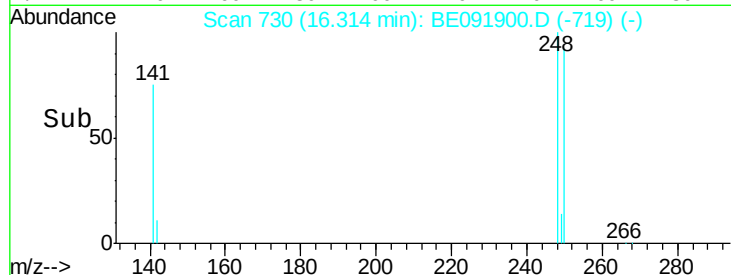
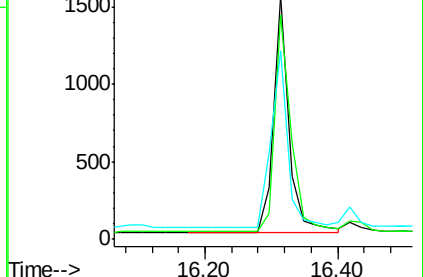
141 82.2 64.6 97.0



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: 0.46 ng m

RT: 16.44 min Scan# 737

Delta R.T. -0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

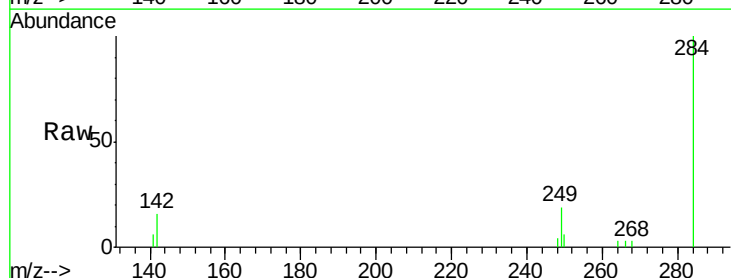
Tgt Ion:284 Resp: 2725

Ion Ratio Lower Upper

284 100

142 39.4 31.4 47.2

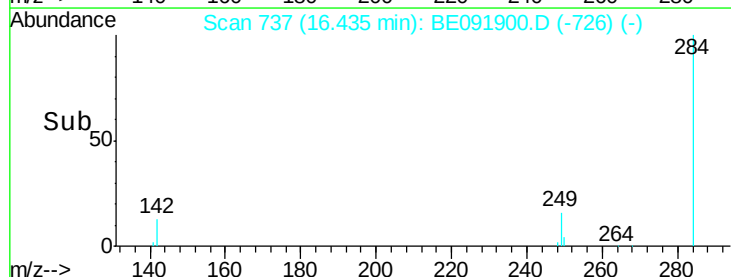
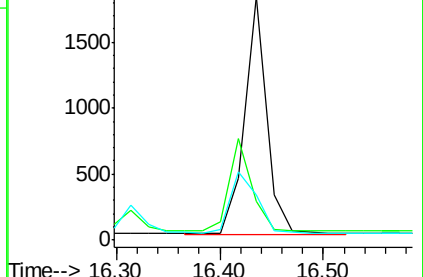
249 30.7 25.3 37.9

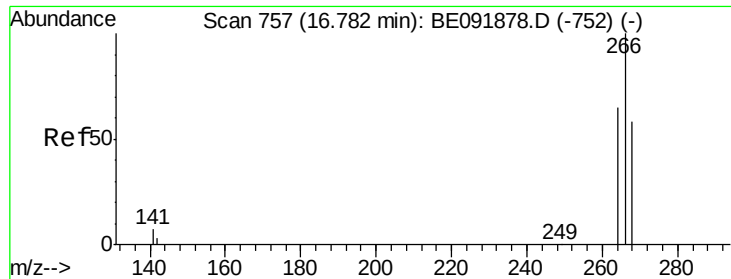


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.63 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

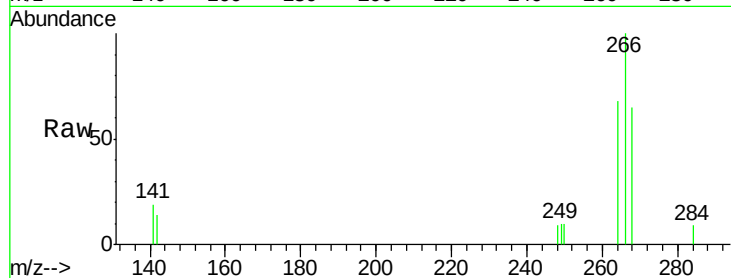
Tot Ion:266 Resp: 1170

Ion Ratio Lower Upper

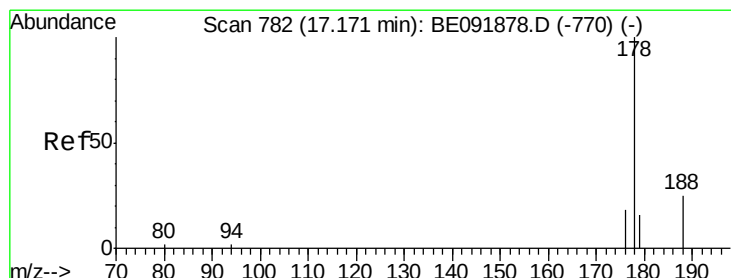
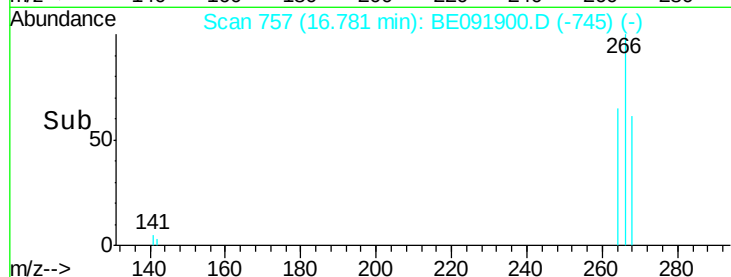
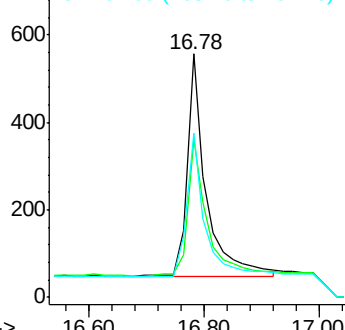
266 100

268 64.8 60.5 90.7

264 67.5 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: BE091900.D

Acq: 8 Jun 2016 14:08

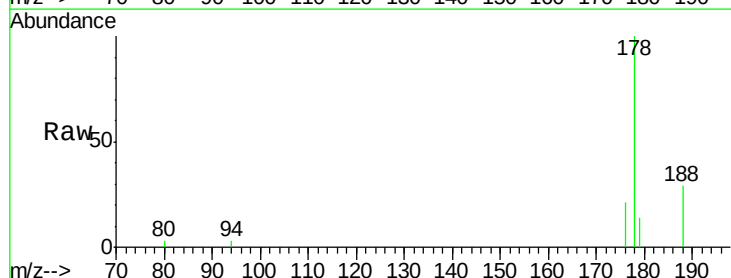
Tgt Ion:178 Resp: 16644

Ion Ratio Lower Upper

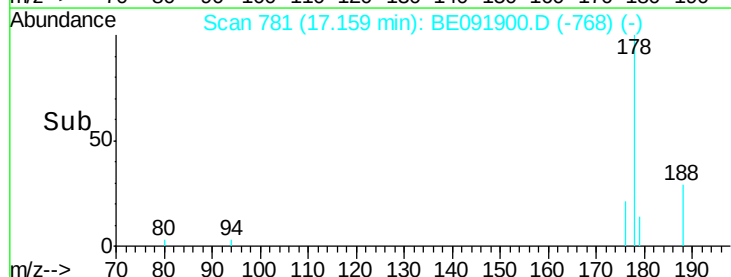
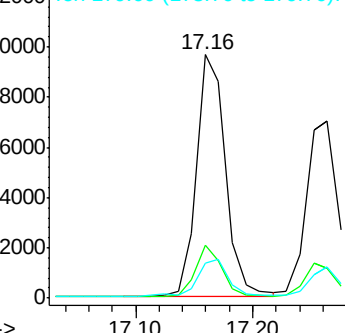
178 100

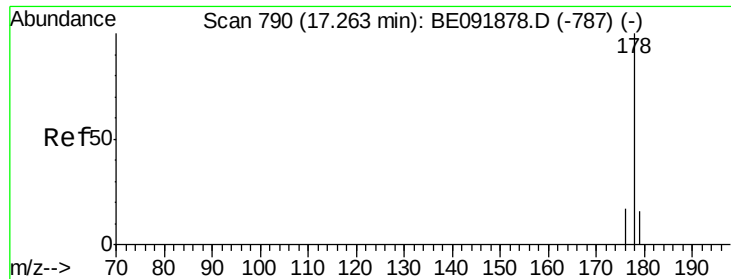
176 19.3 15.4 23.2

179 16.1 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: 0.42 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

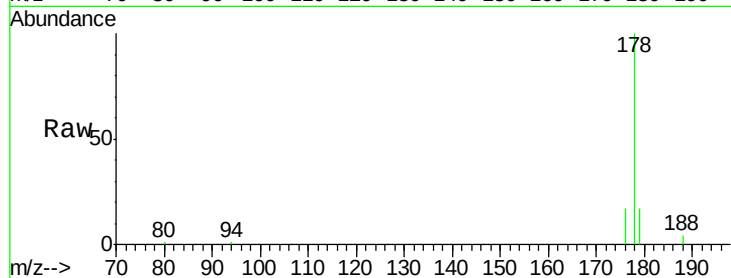
Tot Ion:178 Resp: 14003

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

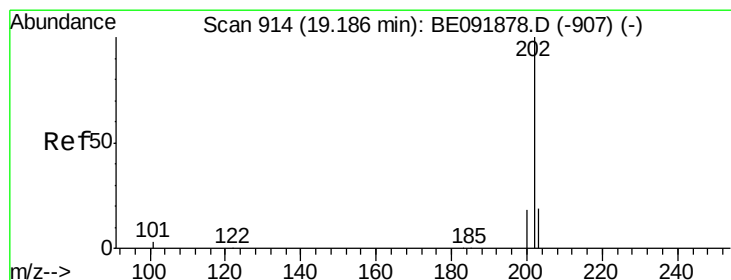
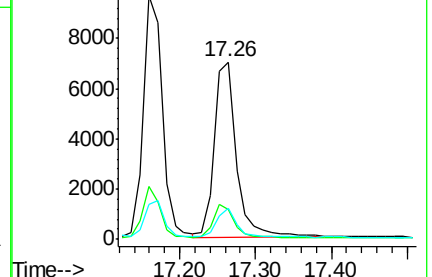
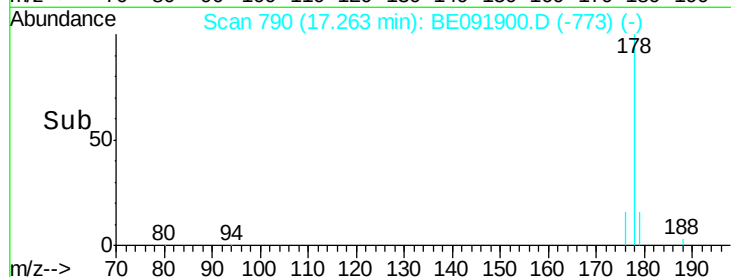
179 15.1 12.1 18.1



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: 0.40 ng

RT: 19.17 min Scan# 913

Delta R.T. -0.02 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

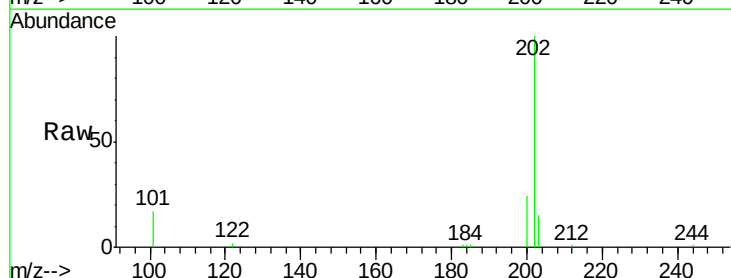
Tgt Ion:202 Resp: 16445

Ion Ratio Lower Upper

202 100

101 11.5 9.4 14.0

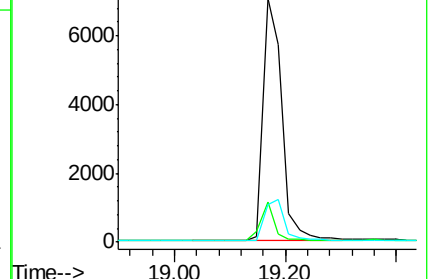
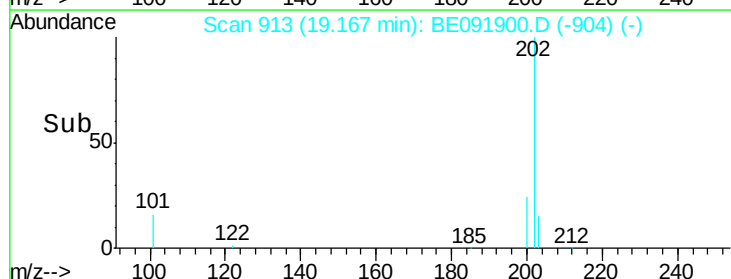
203 17.7 14.3 21.5

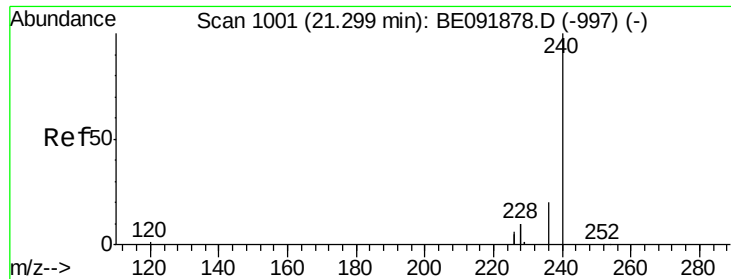


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

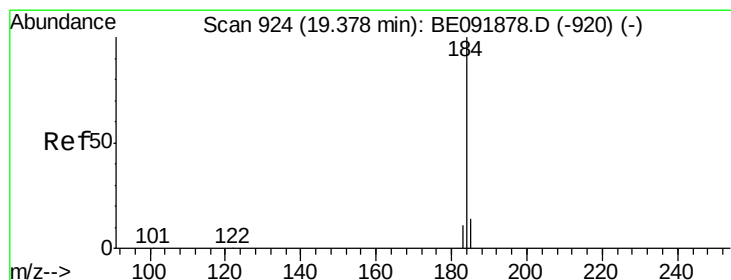
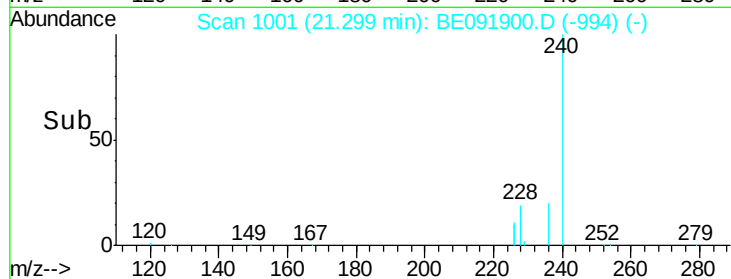
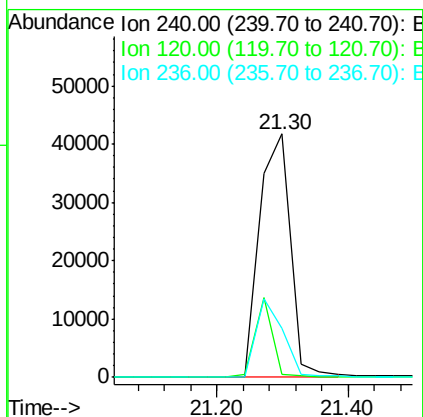
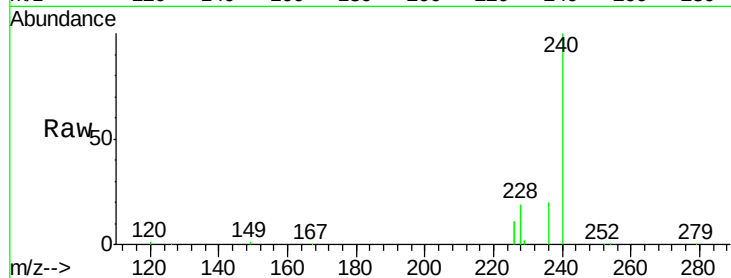




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

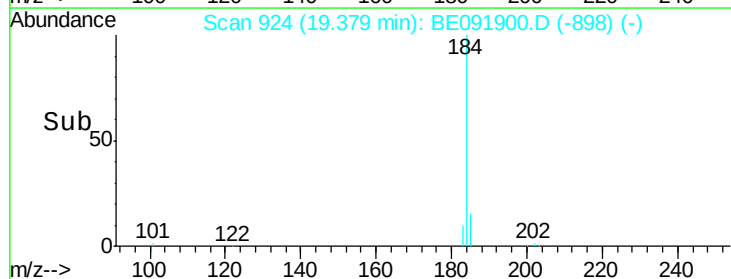
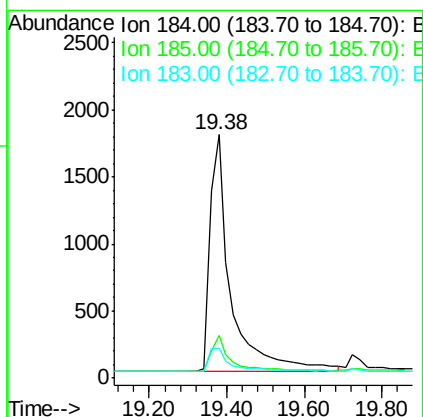
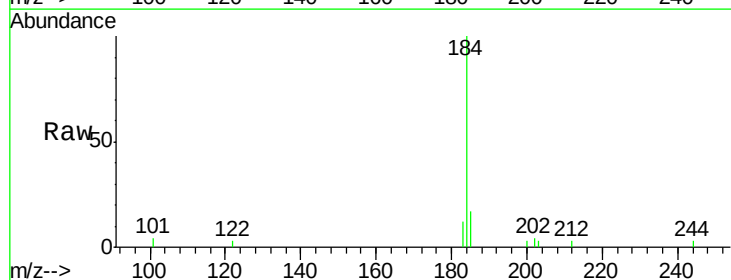
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

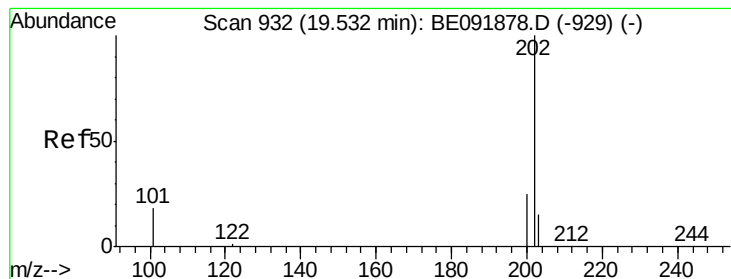
Tot Ion:240 Resp: 136976
Ion Ratio Lower Upper
240 100
120 1.1 1.2 1.8#
236 20.1 19.8 29.8



#32
Benzidine
Concen: 0.69 ng
RT: 19.38 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

Tgt Ion:184 Resp: 6635
Ion Ratio Lower Upper
184 100
185 17.3 11.4 17.2#
183 12.3 11.8 17.6





#33

Pvrene

Concen: 0.53 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

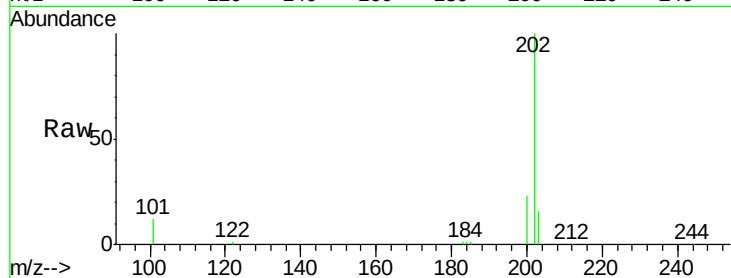
Tot Ion:202 Resp: 18364

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

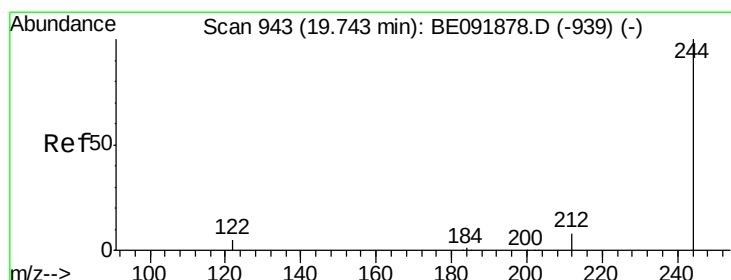
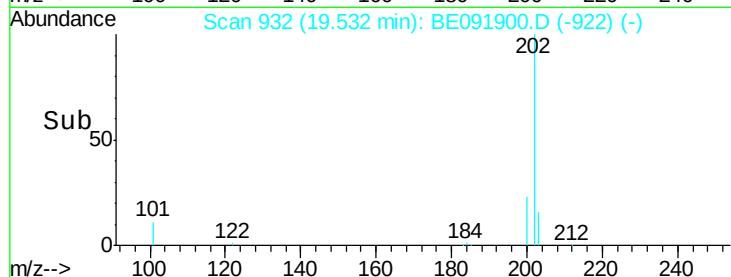
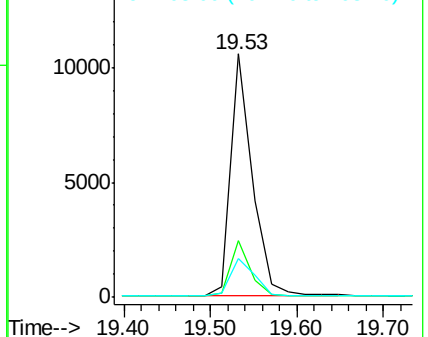
203 17.6 14.1 21.1



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: 0.45 ng

RT: 19.74 min Scan# 943

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

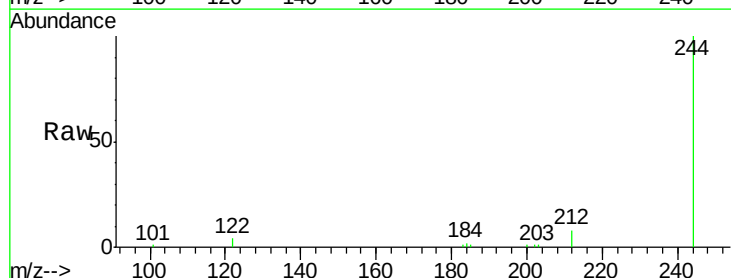
Tgt Ion:244 Resp: 12551

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

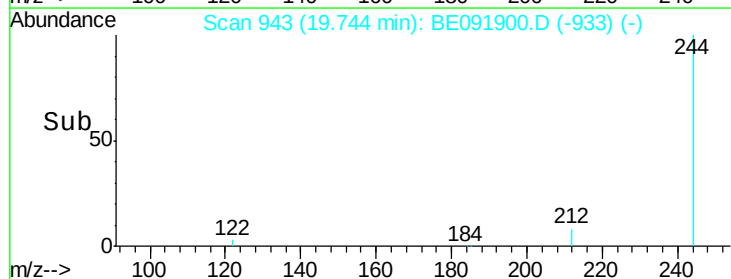
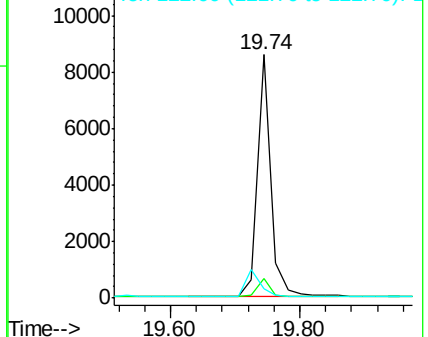
122 3.7 2.9 4.3

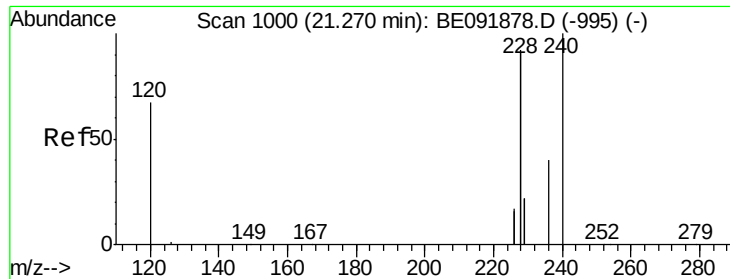


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

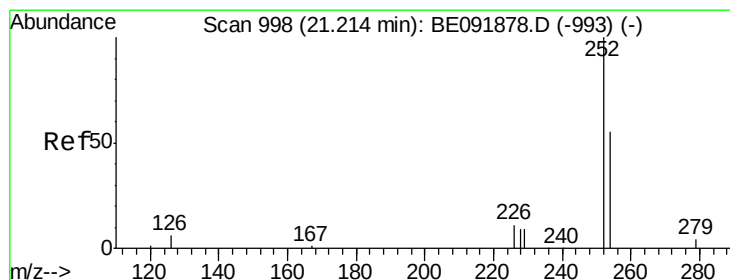
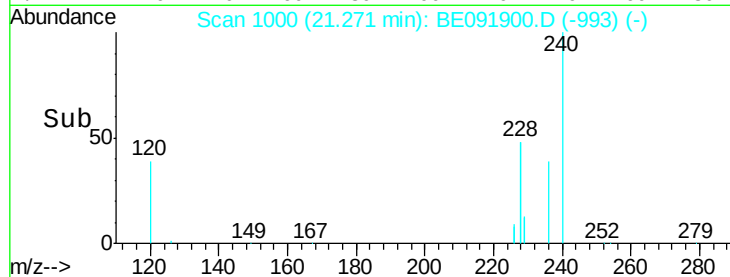
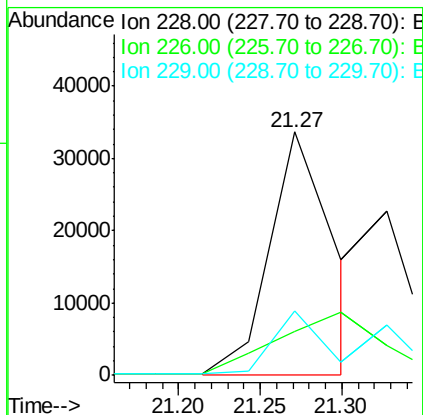
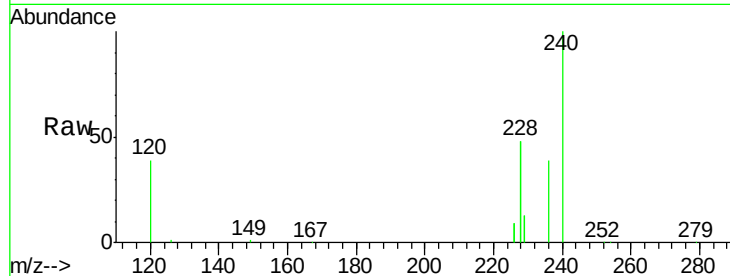




#35
Benzo(a)anthracene
Concen: 0.38 ng/mL
RT: 21.27 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

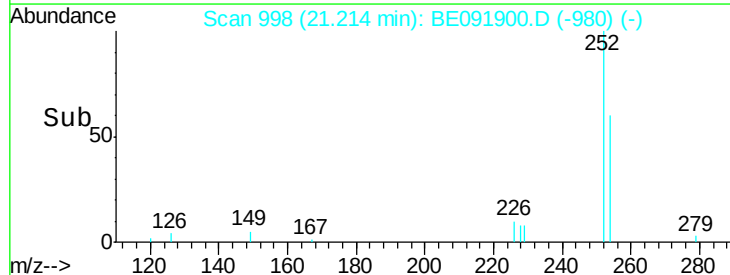
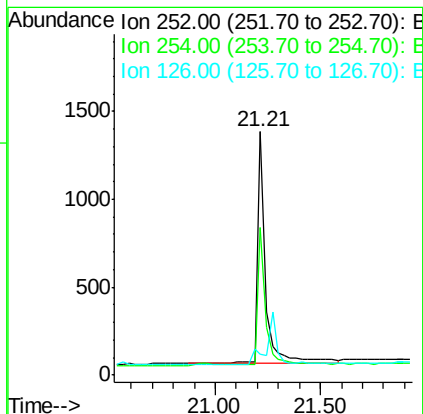
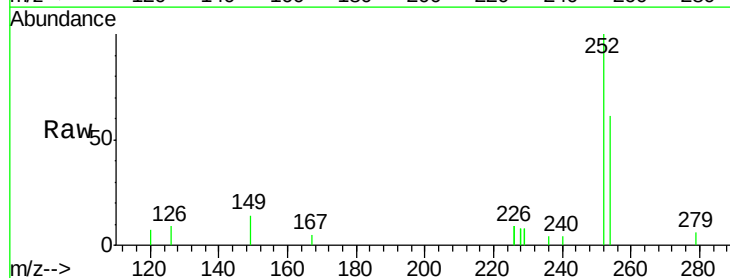
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

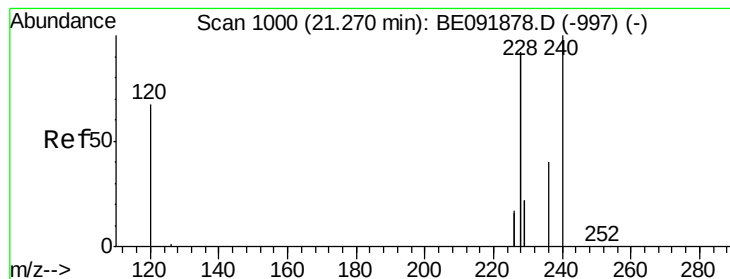
Tot Ion:228 Resp: 92387
Ion Ratio Lower Upper
228 100
226 17.8 21.0 31.4#
229 26.6 15.8 23.8#



#36
3,3'-Dichlorobenzidine
Concen: 0.42 ng/mL
RT: 21.21 min Scan# 998
Delta R.T. 0.00 min
Lab File: BE091900.D
Acq: 8 Jun 2016 14:08

Tgt Ion:252 Resp: 3568
Ion Ratio Lower Upper
252 100
254 60.8 61.5 92.3#
126 8.5 2.5 3.7#





#37

Chrysene

Concen: 0.31 ng/mL

RT: 21.33 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

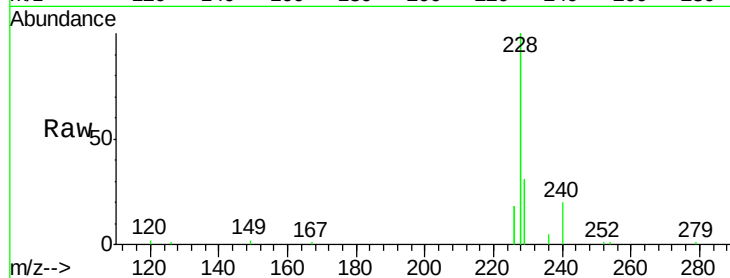
Tot Ion:228 Resp: 43147

Ion Ratio Lower Upper

228 100

226 18.1 27.0 40.6#

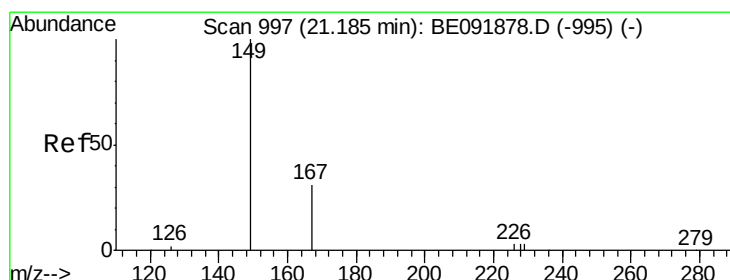
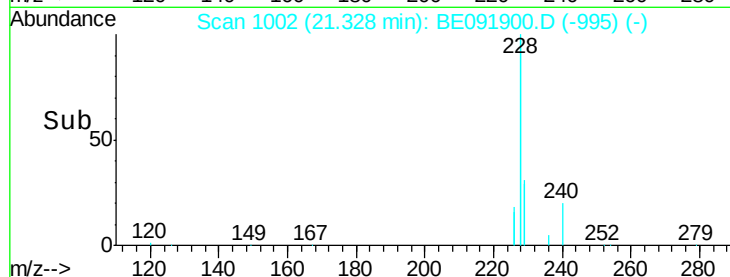
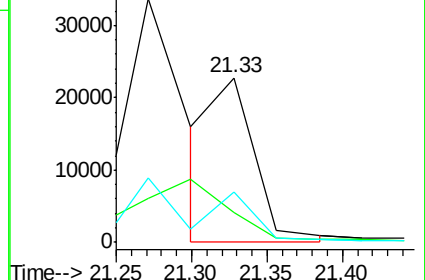
229 30.6 13.8 20.8#



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: 0.31 ng/mL

RT: 21.19 min Scan# 997

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

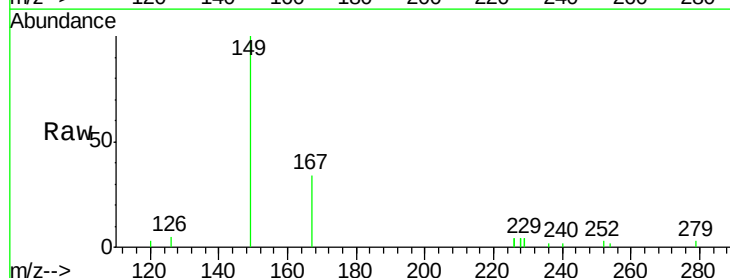
Tgt Ion:149 Resp: 4896

Ion Ratio Lower Upper

149 100

167 31.9 0.0 0.0#

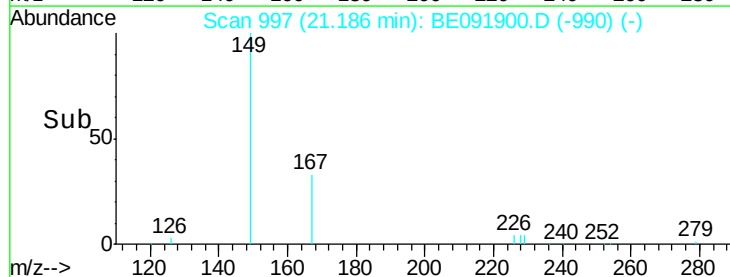
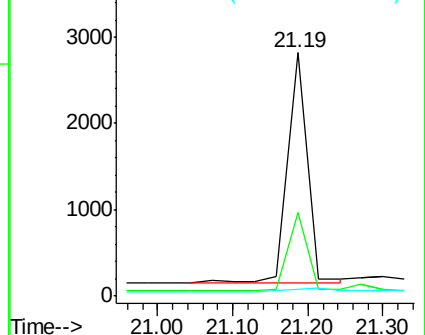
279 0.0 0.0 0.0

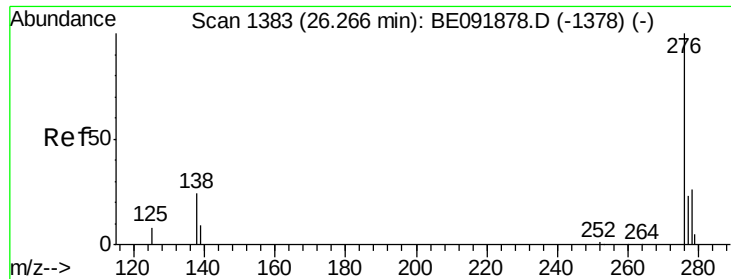


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.40 ng

RT: 26.27 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

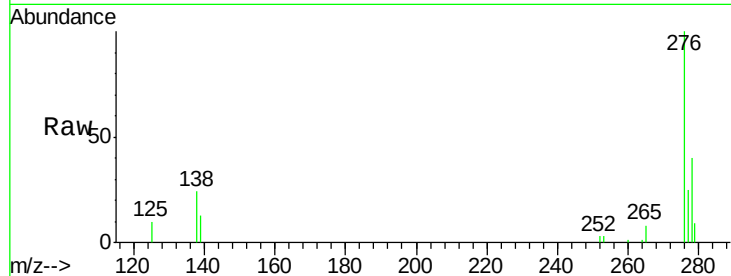
Tot Ion:276 Resp: 19015

Ion Ratio Lower Upper

276 100

138 25.6 19.7 29.5

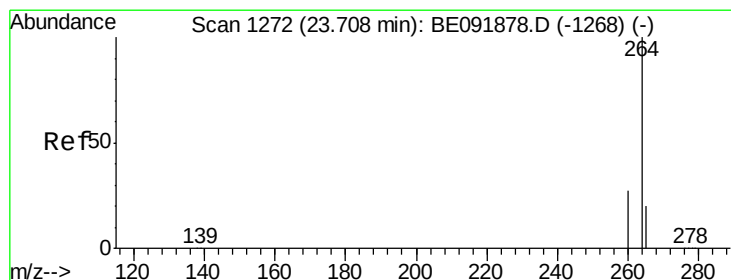
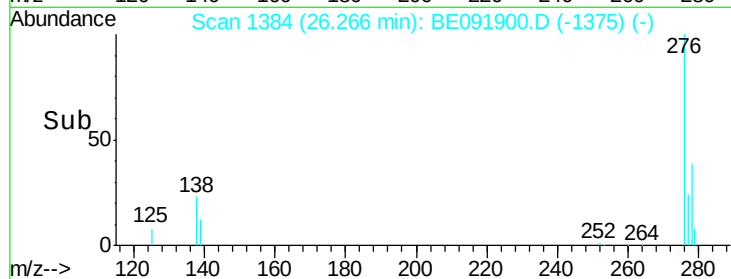
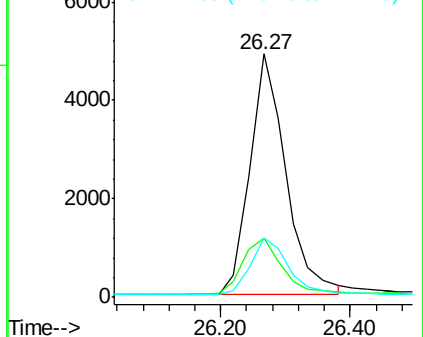
277 24.7 20.1 30.1



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# 1273

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

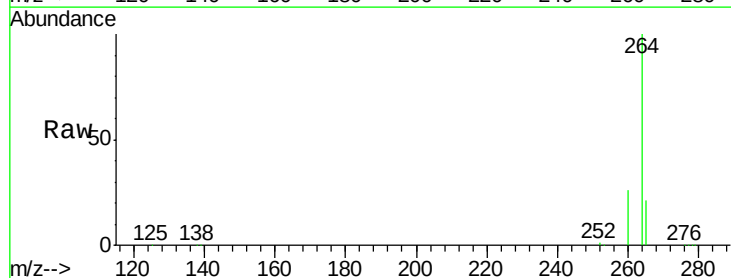
Tgt Ion:264 Resp: 188018

Ion Ratio Lower Upper

264 100

260 26.1 20.3 30.5

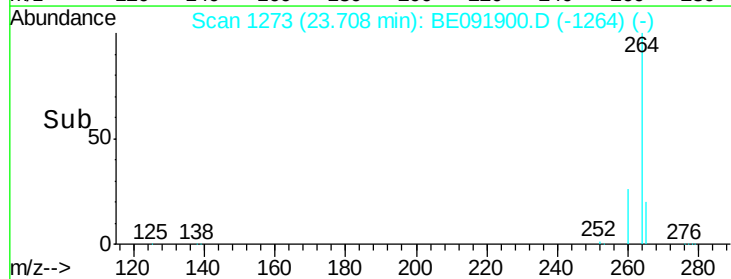
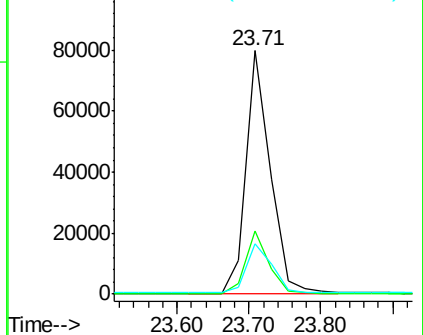
265 20.8 17.6 26.4

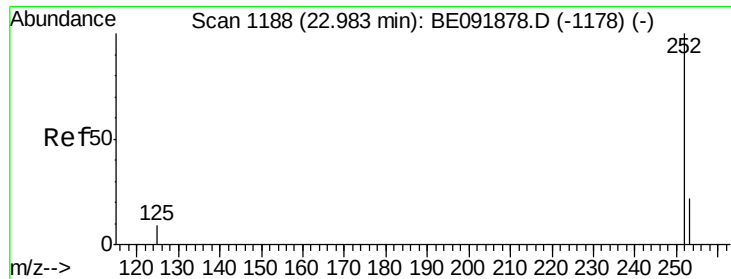


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.39 ng

RT: 22.98 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

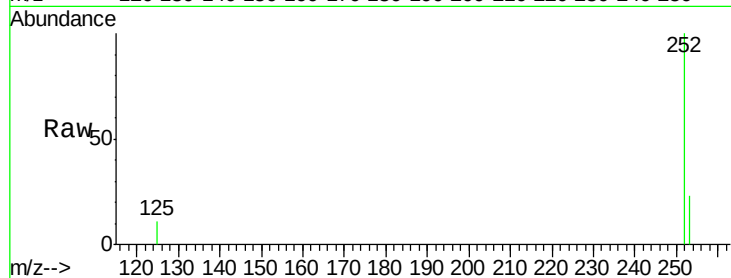
Tot Ion:252 Resp: 17991

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

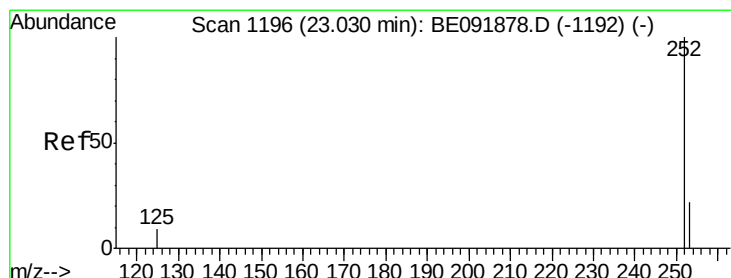
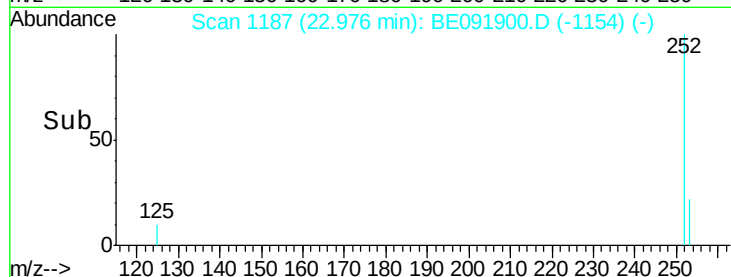
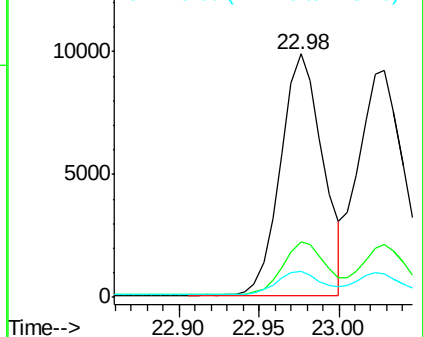
125 10.9 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#42

Benzo(k)fluoranthene

Concen: 0.41 ng

RT: 23.03 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

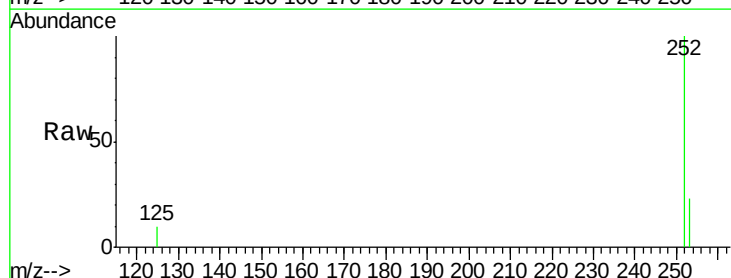
Tgt Ion:252 Resp: 19622

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

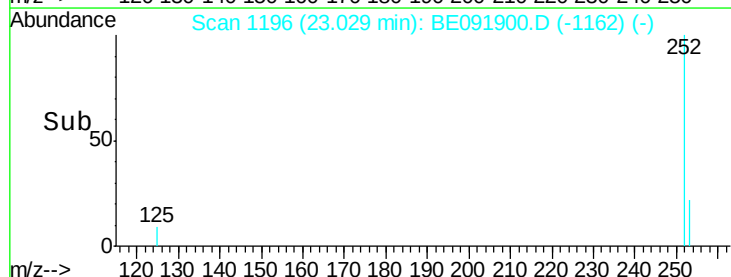
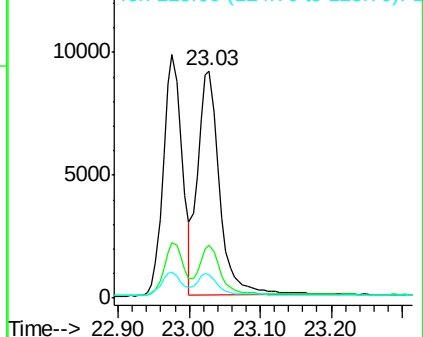
125 10.5 8.3 12.5

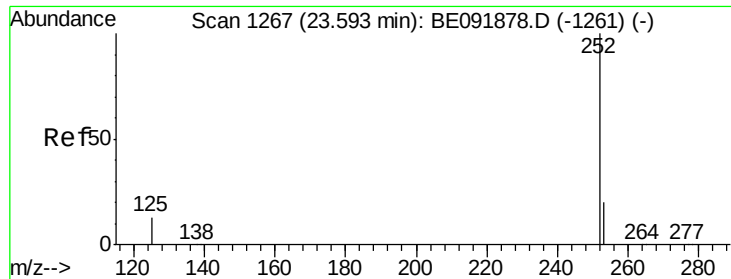


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.39 ng

RT: 23.59 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

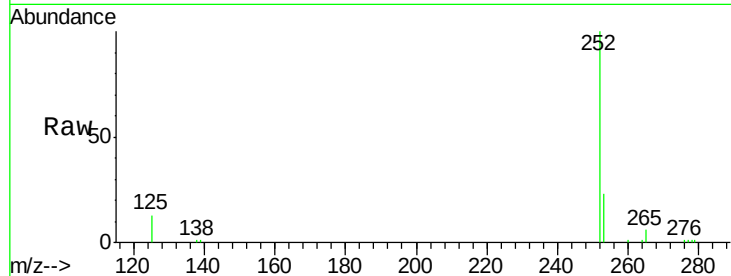
Tot Ion:252 Resp: 16588

Ion Ratio Lower Upper

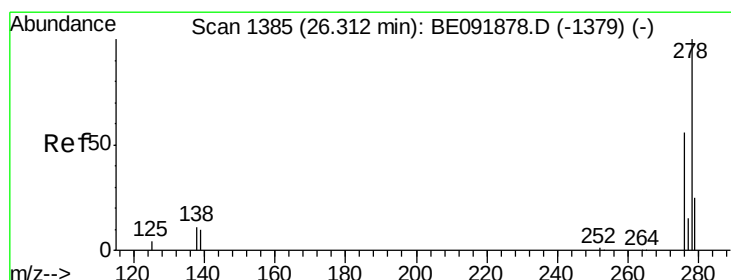
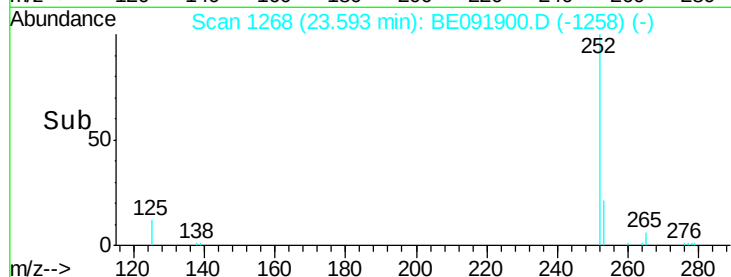
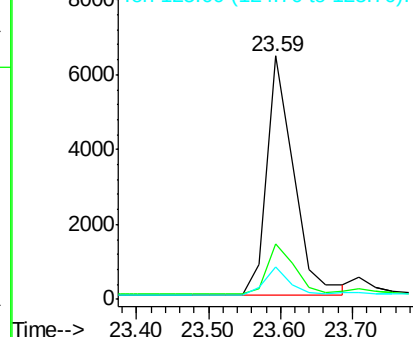
252 100

253 22.7 18.9 28.3

125 13.4 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#44

Dibenzo(a,h)anthracene

Concen: 0.40 ng

RT: 26.29 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BE091900.D

Acq: 8 Jun 2016 14:08

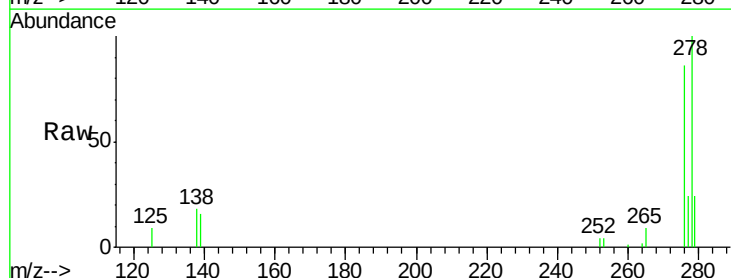
Tgt Ion:278 Resp: 15935

Ion Ratio Lower Upper

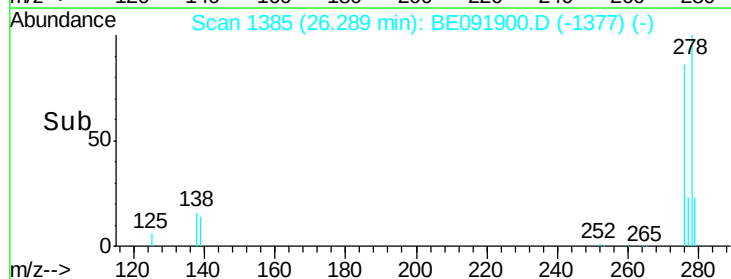
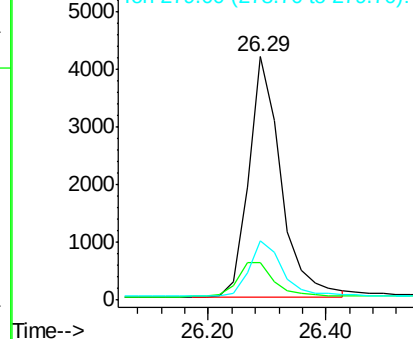
278 100

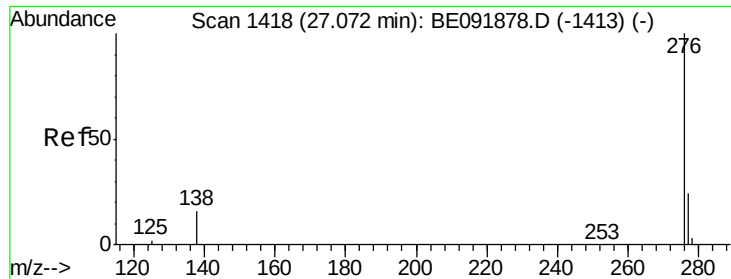
139 15.7 12.6 18.8

279 24.3 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

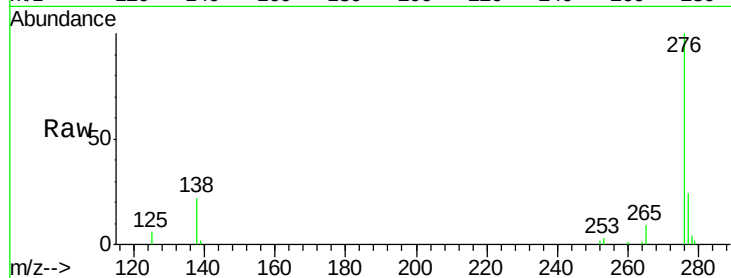




#45
 Benzo(a,h,i)perylene
 Concen: 0.40 ng
 RT: 27.05 min Scan# 1418
 Delta R.T. -0.02 min
 Lab File: BE091900.D
 Acq: 8 Jun 2016 14:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	22.2	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

