

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
 Data File : BE091881.D
 Acq On : 7 Jun 2016 13:25
 Operator : UM/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 07 14:02:40 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 12:56:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	24880	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	117077	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	67862	5.00	ng	0.00
24) Phenanthrene-d10	17.12	188	210657	5.00	ng	0.00
31) Chrysene-d12	21.30	240	197414	5.00	ng	0.00
40) Perylene-d12	23.73	264	226228	5.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	16698	2.35	ng	0.00
5) Phenol-d6	6.94	99	23074	2.47	ng	-0.02
9) Nitrobenzene-d5	8.91	82	28025	2.95	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	7399	2.44	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	65389	3.24	ng	0.00
34) Terphenyl-d14	19.74	244	106829	3.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	9900	2.70	ng	91
3) n-Nitrosodimethylamine	3.61	42	12621	2.76	ng	98
6) bis(2-Chloroethyl)ether	7.20	93	22617	2.90	ng	99
7) n-Nitroso-di-n-propylamine	8.54	70	18181	2.52	ng	# 94
10) Nitrobenzene	8.96	77	25156	2.73	ng	# 100
11) bis(2-Chloroethoxy)methane	9.95	93	38200	3.44	ng	# 39
12) Naphthalene	10.59	128	76514	3.03	ng	97
13) Hexachlorobutadiene	10.88	225	11447	2.94	ng	99
14) 2-Methylnaphthalene	12.20	142	52887	3.13	ng	94
18) Acenaphthylene	14.10	152	96349	2.89	ng	# 91
19) 2,6-Dinitrotoluene	13.96	165	14940	3.23	ng	95
20) Acenaphthene	14.44	154	56669	3.12	ng	99
21) 2,4-Dinitrotoluene	14.76	165	16049	3.01	ng	# 1
22) Fluorene	15.42	166	72732	3.05	ng	100
23) 4-Chlorophenyl-phenylether	15.42	204	34967	2.92	ng	98
25) 4-Bromophenyl-phenylether	16.31	248	21427	2.85	ng	97
26) Hexachlorobenzene	16.44	284	21227	2.96	ng	99
27) Pentachlorophenol	16.78	266	8847	3.20	ng	90
28) Phenanthrene	17.17	178	132269	2.88	ng	99
29) Anthracene	17.26	178	124523	2.96	ng	99
30) Fluoranthene	19.19	202	144772	2.70	ng	99
32) Benzidine	19.36	184	51229	3.24	ng	95
33) Pyrene	19.53	202	157114	3.75	ng	99
35) Benzo(a)anthracene	21.27	228	1486868	28.26	ng	# 89
36) 3,3'-Dichlorobenzidine	21.21	252	52171	1.81	ng	# 78
37) Chrysene	21.27	228	1497420	31.03	ng	# 78
38) Bis(2-ethylhexyl)phthalate	21.19	149	117595	6.16	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.29	276	179554	3.64	ng	# 75
41) Benzo(b)fluoranthene	22.98	252	168118	2.75	ng	98
42) Benzo(k)fluoranthene	23.04	252	180444	3.26	ng	97
43) Benzo(a)pyrene	23.62	252	160638	2.90	ng	# 95
44) Dibenzo(a,h)anthracene	26.31	278	152742	2.88	ng	# 95
45) Benzo(a,h,i)perylene	27.07	276	155924	2.90	ng	95

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Quant Time: Jun 07 14:02:40 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 12:56:44 2016
Response via : Initial Calibration

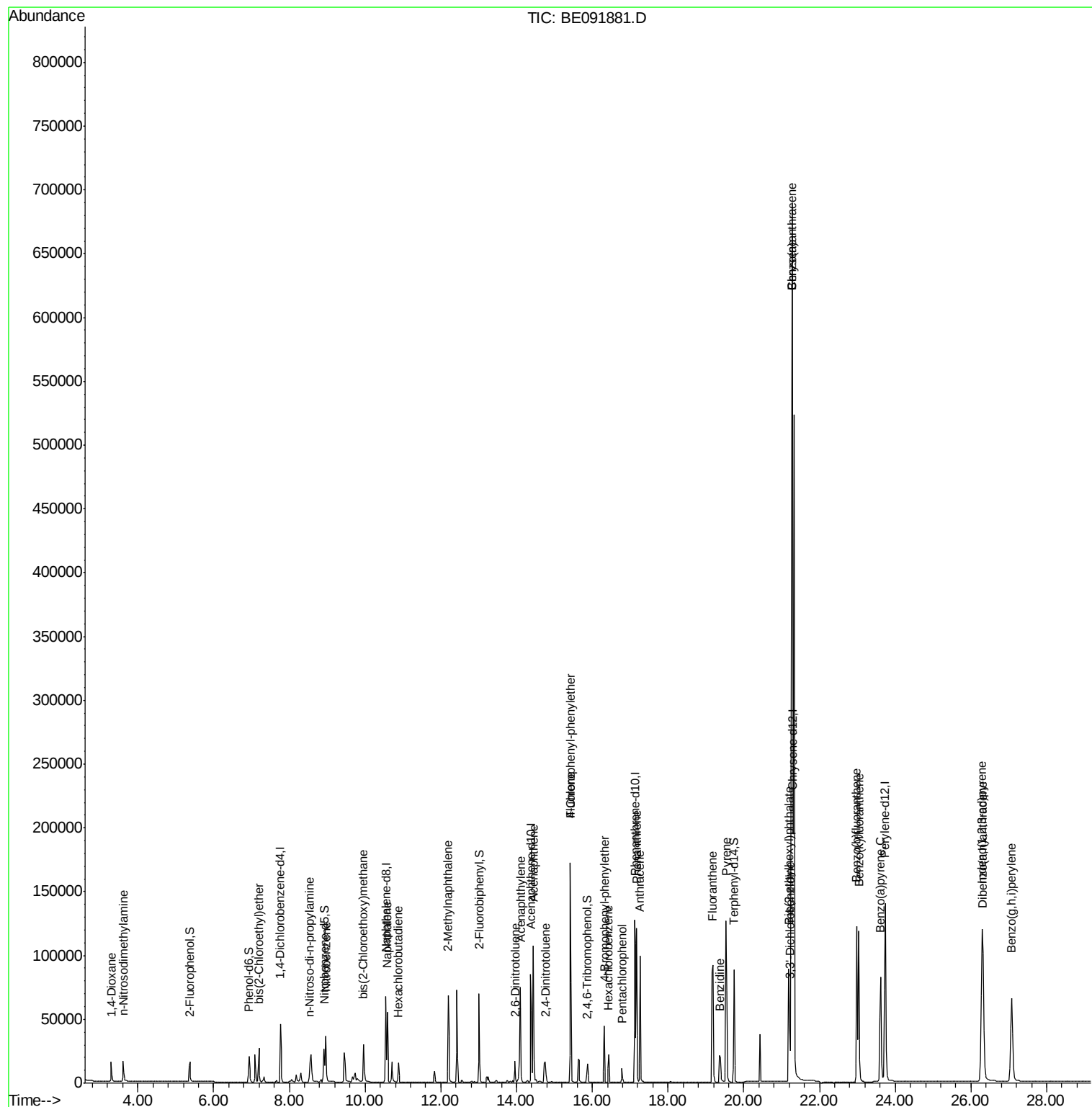
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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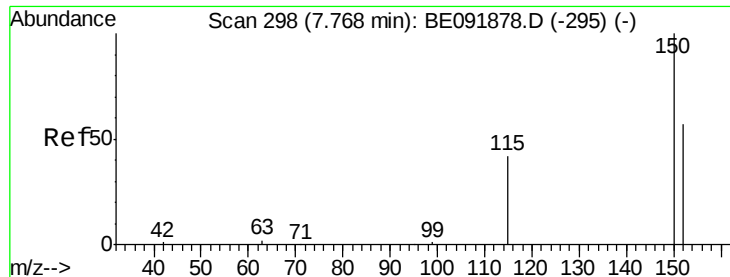
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 298

Delta R.T. -0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :

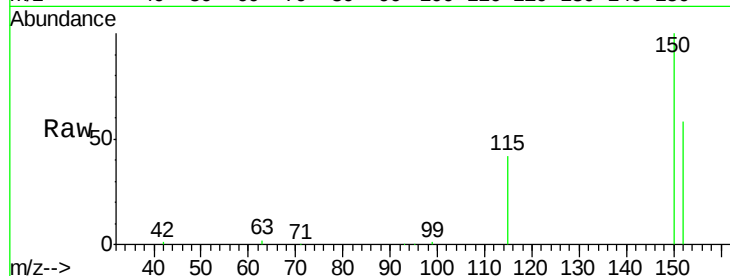
Tot Ion:152 Resp: 24880

Ion Ratio Lower Upper

152 100

150 172.5 123.9 185.9

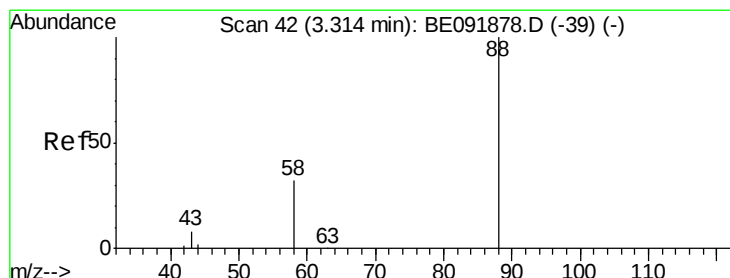
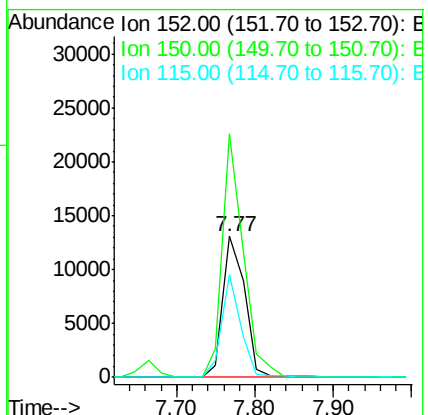
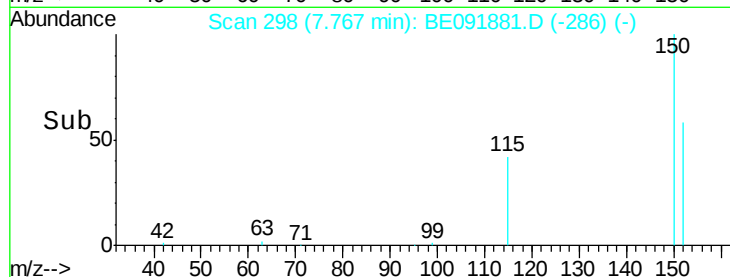
115 72.9 48.3 72.5#



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: 2.70 ng

RT: 3.30 min Scan# 41

Delta R.T. -0.02 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

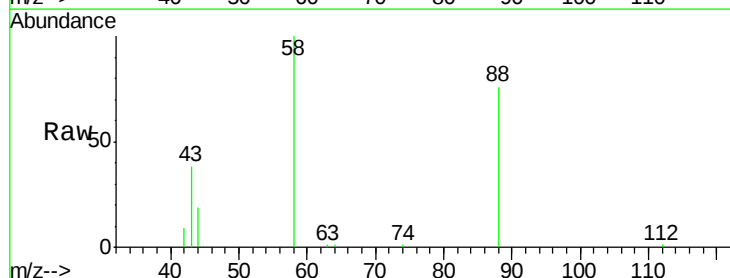
Tgt Ion: 88 Resp: 9900

Ion Ratio Lower Upper

88 100

58 90.1 63.0 94.4

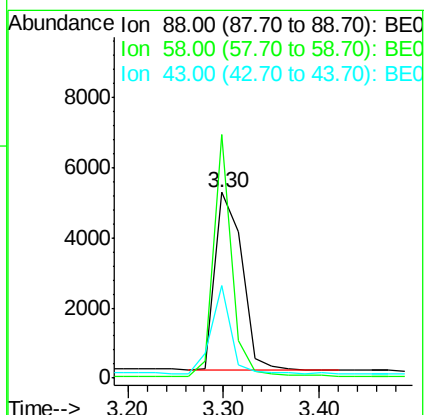
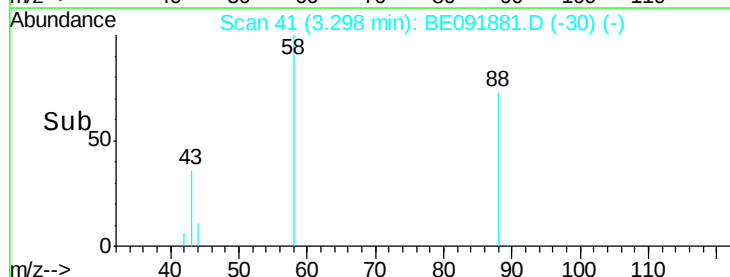
43 35.4 29.1 43.7

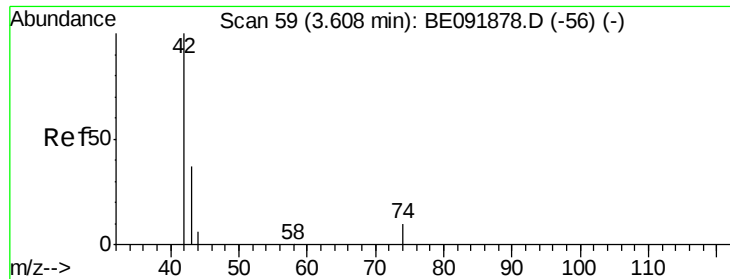


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



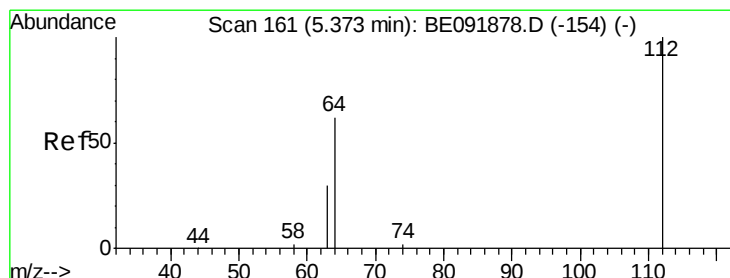
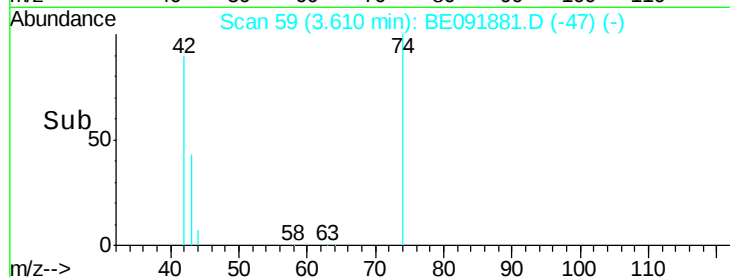
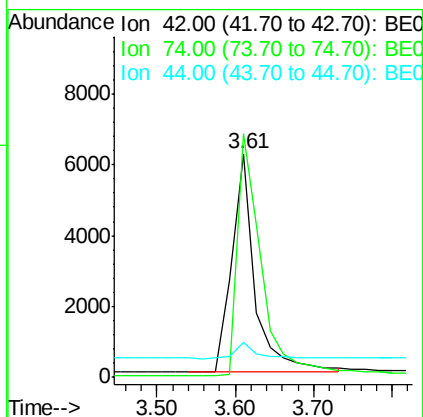
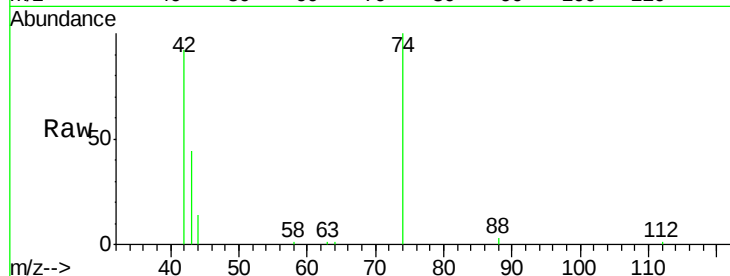


#3

n-Nitrosodimethylamine
 Concen: 2.76 ng
 RT: 3.61 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: BE091881.D
 Acq: 7 Jun 2016 13:25

Instrument :
 BNA_E
 ClientSampleId :

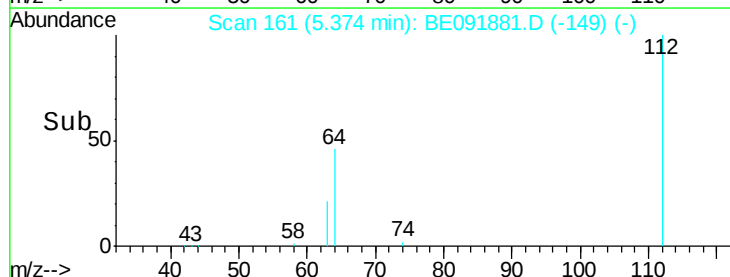
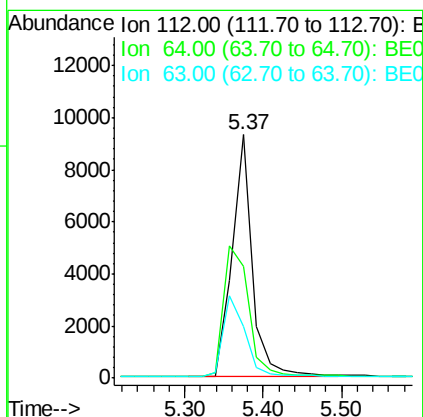
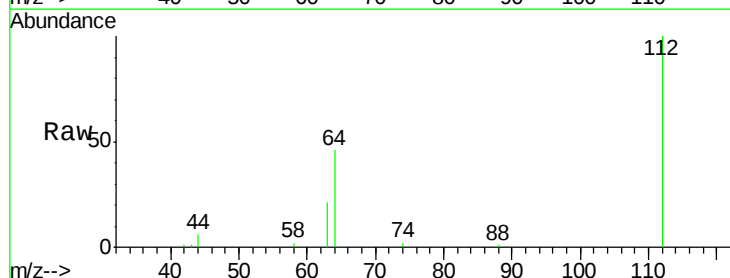
Tot Ion: 42 Resp: 12621
 Ion Ratio Lower Upper
 42 100
 74 114.2 93.4 140.0
 44 7.5 5.0 7.6

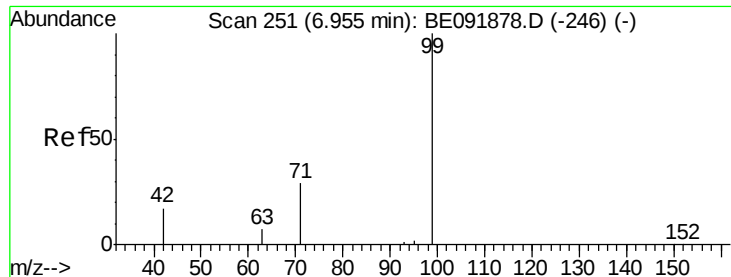


#4

2-Fluorophenol
 Concen: 2.35 ng
 RT: 5.37 min Scan# 161
 Delta R.T. 0.00 min
 Lab File: BE091881.D
 Acq: 7 Jun 2016 13:25

Tgt Ion: 112 Resp: 16698
 Ion Ratio Lower Upper
 112 100
 64 67.1 53.7 80.5
 63 36.0 29.5 44.3





#5

Phenol-d6

Concen: 2.47 ng

RT: 6.94 min Scan# 250

Delta R.T. -0.02 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :

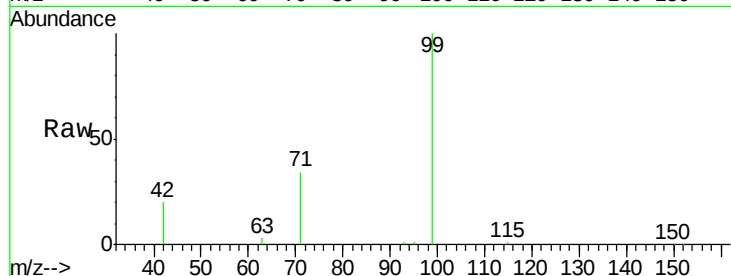
Tot Ion: 99 Resp: 23074

Ion Ratio Lower Upper

99 100

42 25.1 19.6 29.4

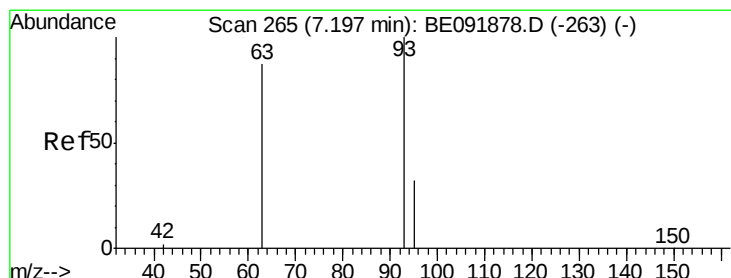
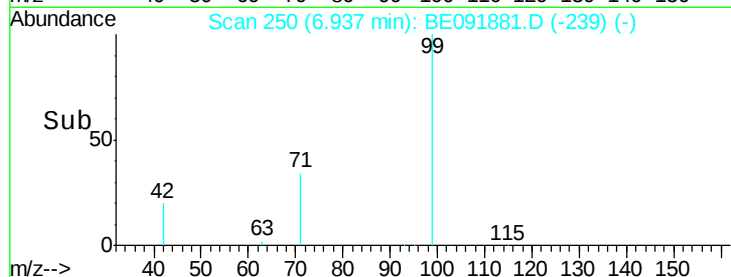
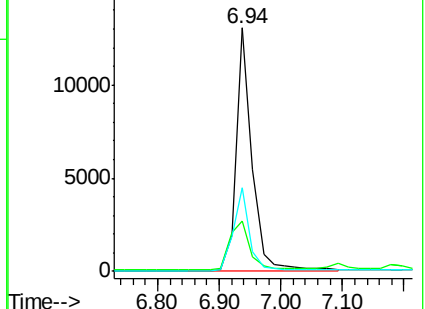
71 34.9 28.1 42.1



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: 2.90 ng

RT: 7.20 min Scan# 265

Delta R.T. -0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

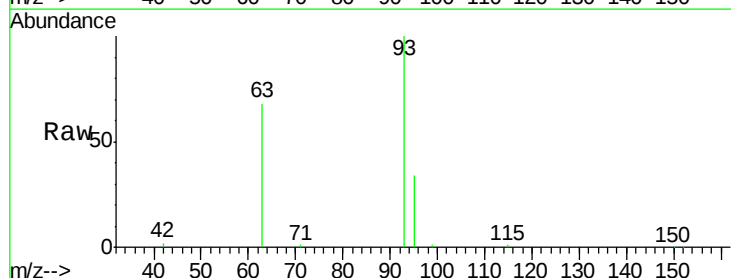
Tgt Ion: 93 Resp: 22617

Ion Ratio Lower Upper

93 100

63 84.3 66.2 99.4

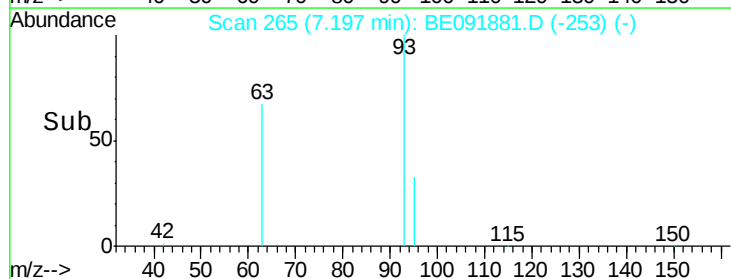
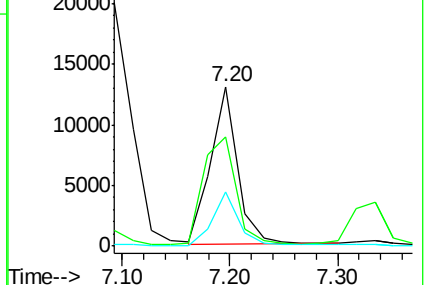
95 32.5 25.5 38.3

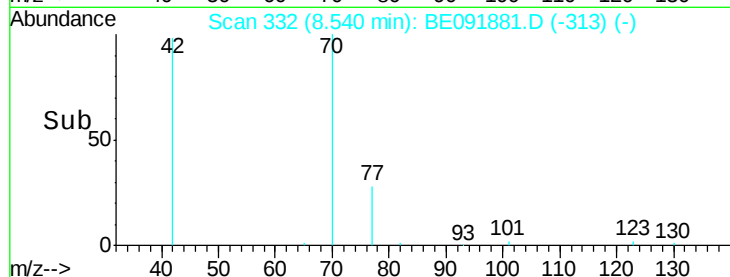
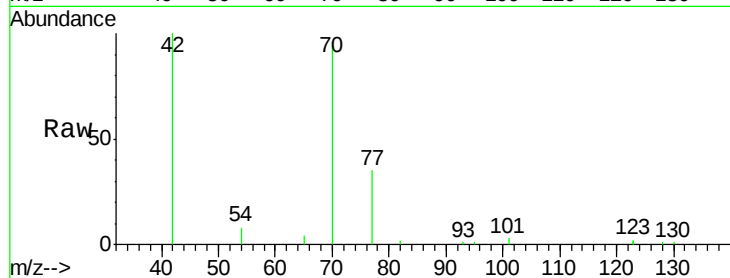
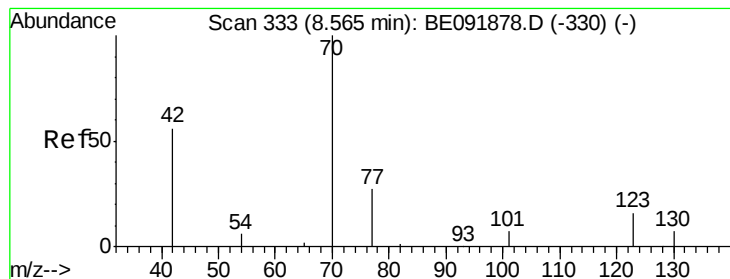


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 2.52 ng

RT: 8.54 min Scan# 332

Delta R.T. -0.02 min

Lab File: BE091881.D

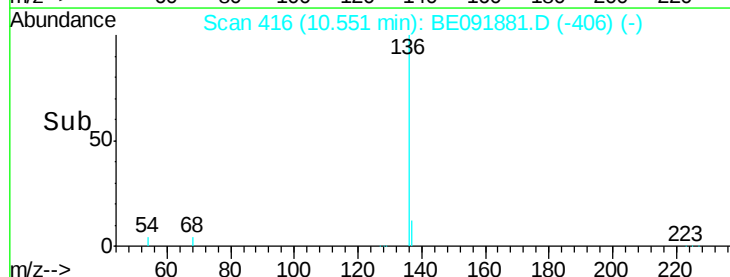
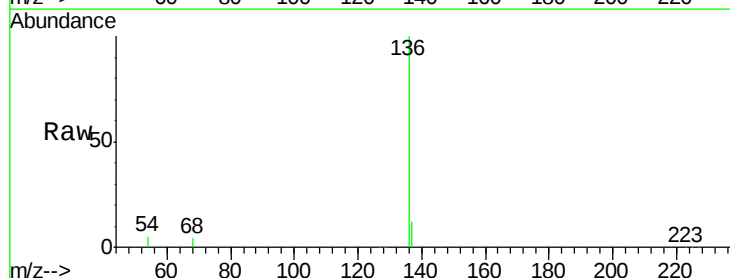
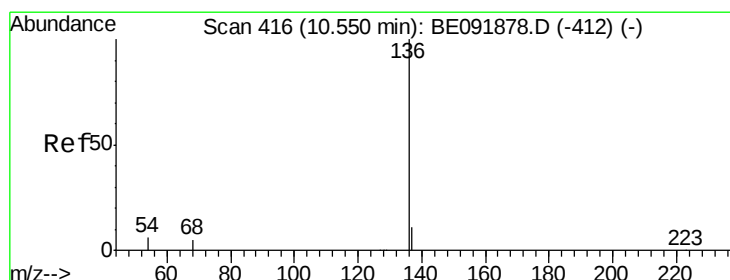
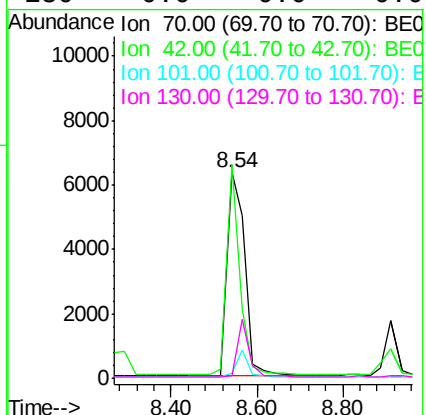
Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	70	Resp:	18181
Ion	Ratio	Lower	Upper
70	100		
42	76.4	58.4	87.6
101	0.0	6.4	9.6#
130	0.0	0.0	0.0



#8

Naphthalene-d8

Concen: 5.00 ng

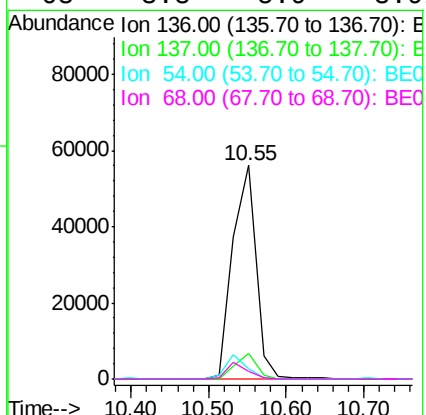
RT: 10.55 min Scan# 416

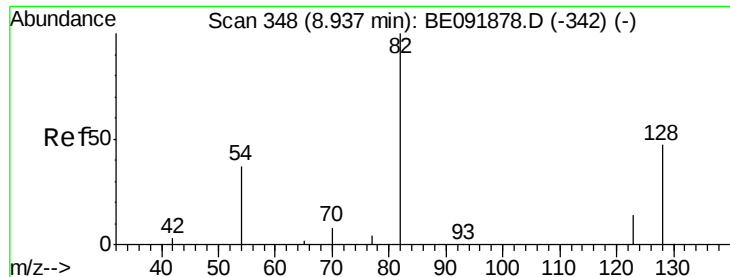
Delta R.T. 0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Tgt Ion:	136	Resp:	117077
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.3	12.5
54	4.5	8.2	12.4#
68	3.8	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 2.95 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :

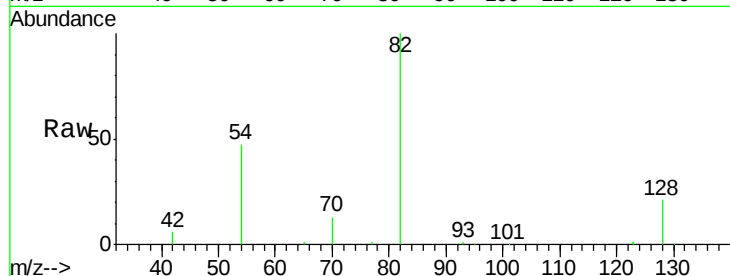
Tot Ion: 82 Resp: 28025

Ion Ratio Lower Upper

82 100

128 20.5 39.5 59.3#

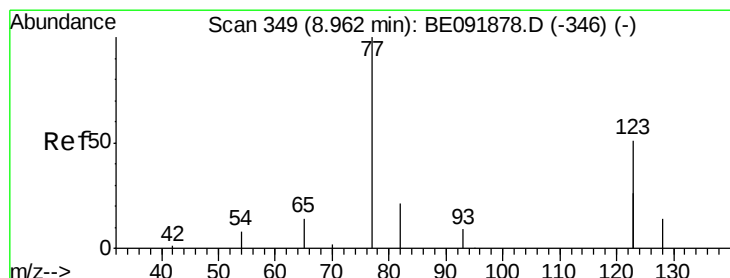
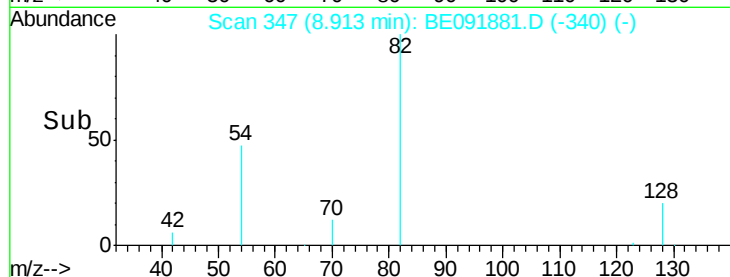
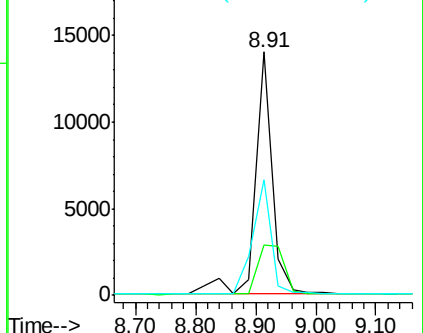
54 47.3 30.3 45.5#



Abundance Ion 82.00 (81.70 to 82.70): BE091881.D (-342) (-)

Ion 128.00 (127.70 to 128.70): BE091881.D (-342) (-)

Ion 54.00 (53.70 to 54.70): BE091881.D (-342) (-)



#10

Nitrobenzene

Concen: 2.73 ng

RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

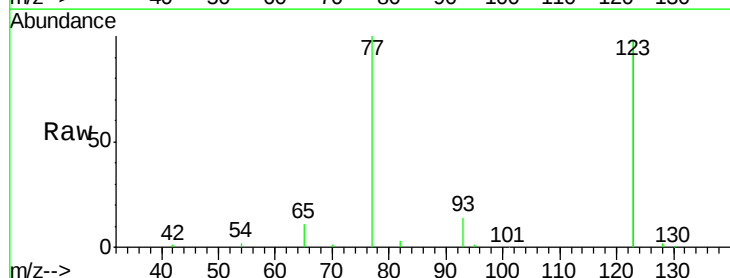
Tgt Ion: 77 Resp: 25156

Ion Ratio Lower Upper

77 100

123 164.2 0.0 0.0#

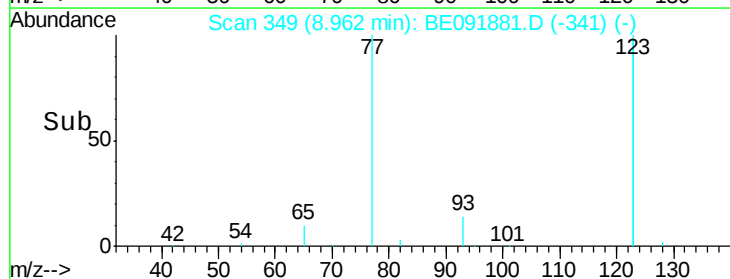
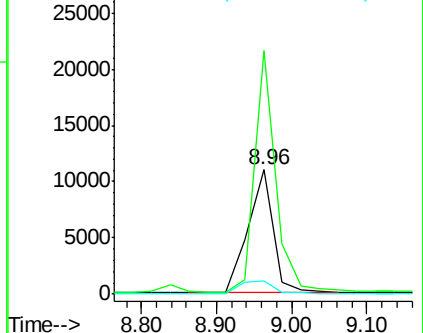
65 13.7 11.1 16.7

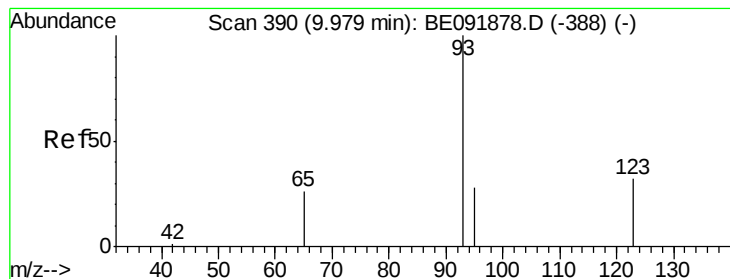


Abundance Ion 77.00 (76.70 to 77.70): BE091881.D (-341) (-)

Ion 123.00 (122.70 to 123.70): BE091881.D (-341) (-)

Ion 65.00 (64.70 to 65.70): BE091881.D (-341) (-)





#11

bis(2-Chloroethoxy)methane

Concen: 3.44 ng

RT: 9.95 min Scan# 389

Delta R.T. -0.02 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :

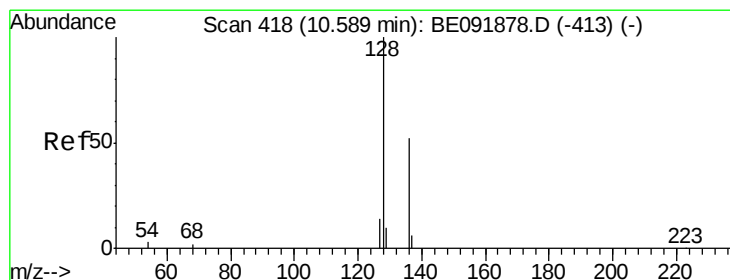
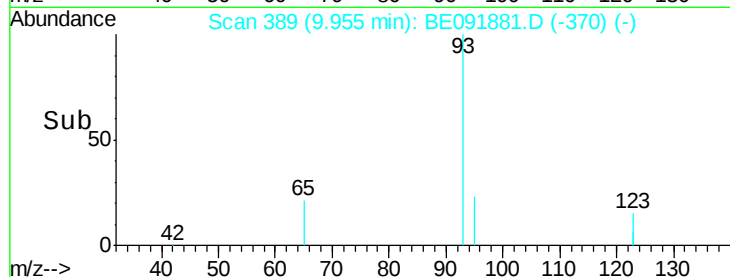
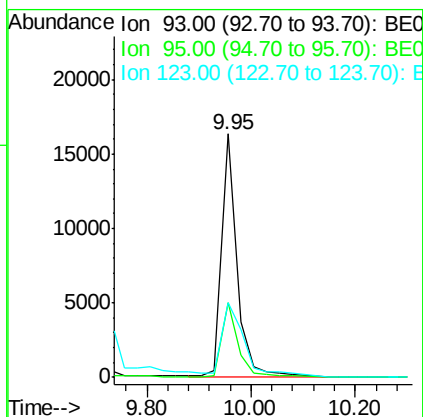
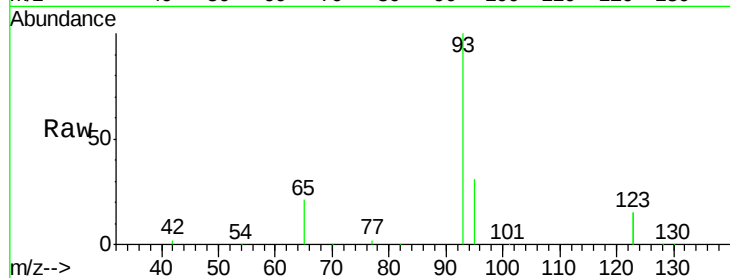
Tot Ion: 93 Resp: 38200

Ion Ratio Lower Upper

93 100

95 33.3 57.6 86.4#

123 46.5 100.2 150.4#



#12

Naphthalene

Concen: 3.03 ng

RT: 10.59 min Scan# 418

Delta R.T. 0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

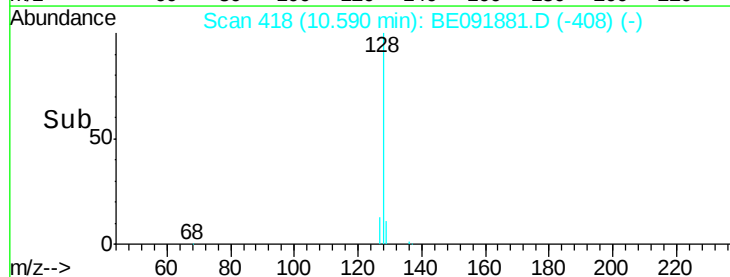
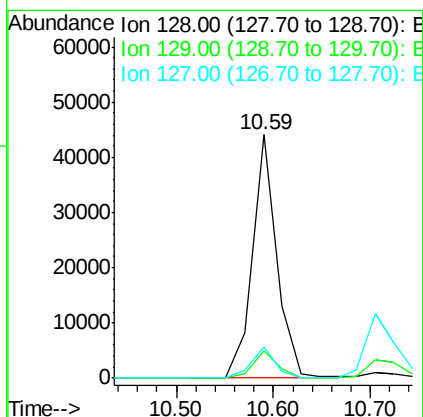
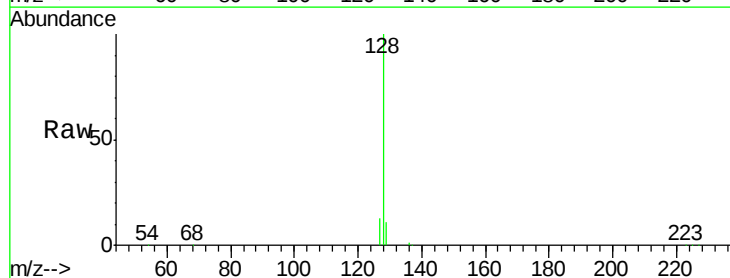
Tgt Ion: 128 Resp: 76514

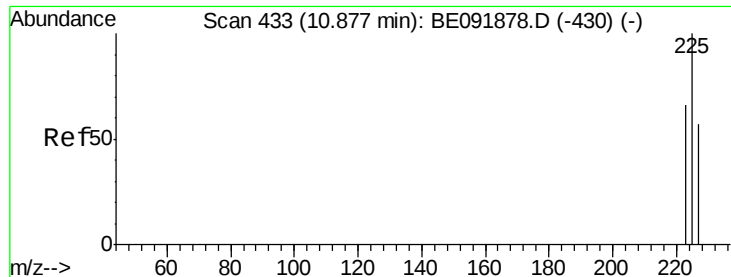
Ion Ratio Lower Upper

128 100

129 11.1 10.4 15.6

127 13.0 10.2 15.2

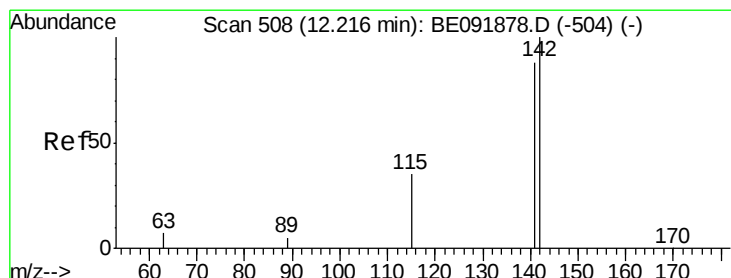
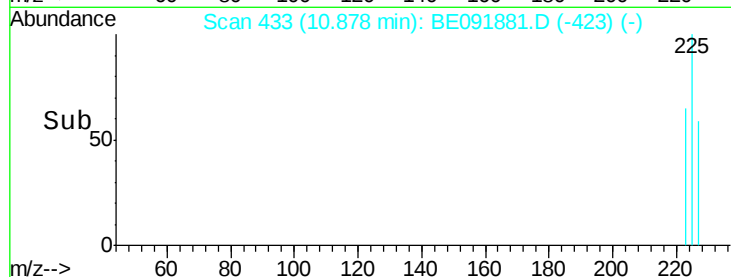
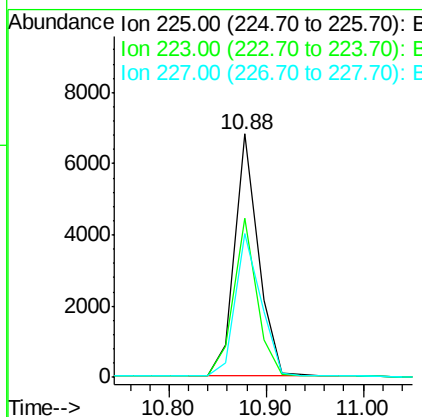
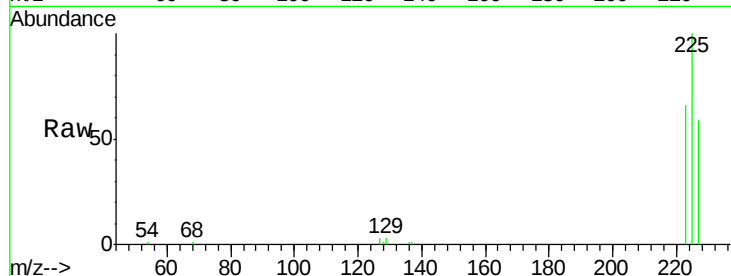




#13
Hexachlorobutadiene
Concen: 2.94 ng
RT: 10.88 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

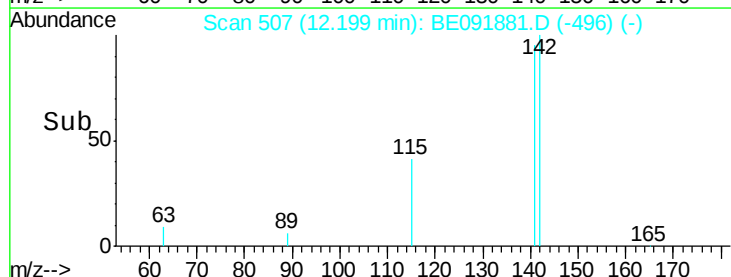
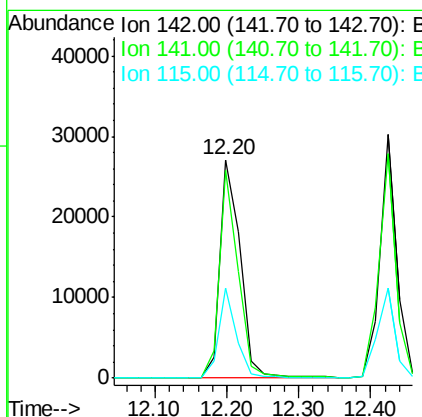
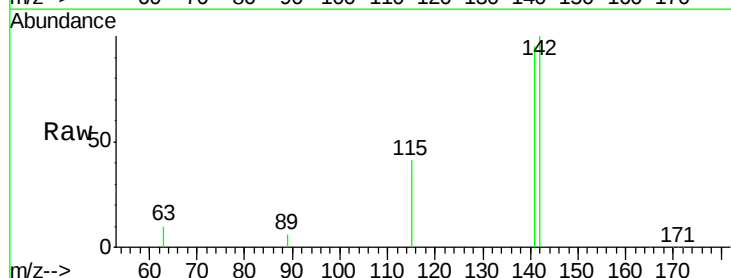
Instrument :
BNA_E
ClientSampleId :

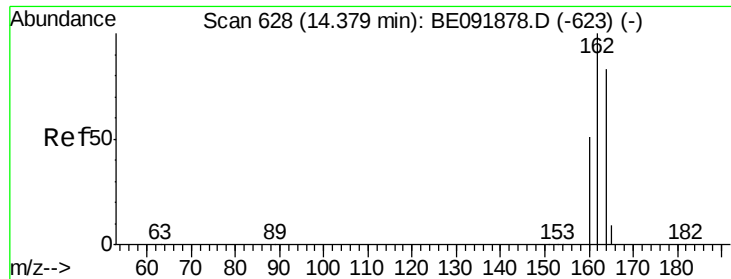
Tot Ion:225 Resp: 11447
Ion Ratio Lower Upper
225 100
223 63.8 49.8 74.8
227 63.4 50.6 75.8



#14
2-Methylnaphthalene
Concen: 3.13 ng
RT: 12.20 min Scan# 507
Delta R.T. -0.02 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

Tgt Ion:142 Resp: 52887
Ion Ratio Lower Upper
142 100
141 95.1 71.9 107.9
115 41.0 29.9 44.9

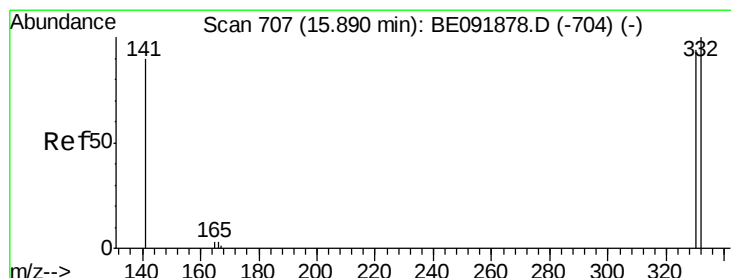
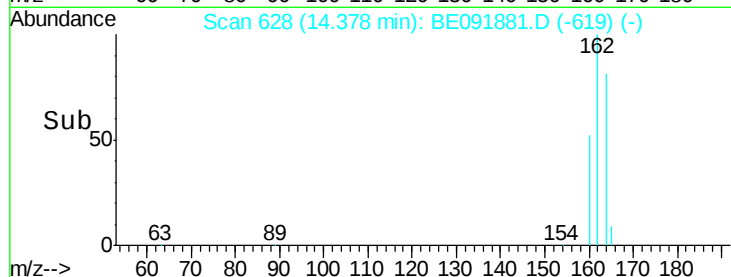
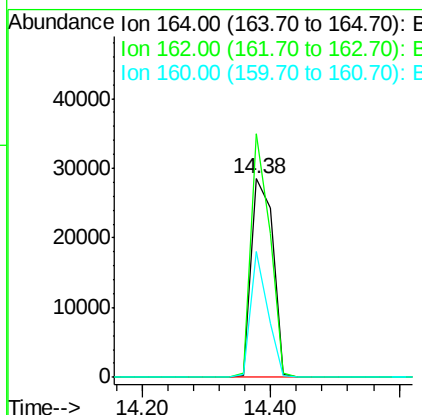
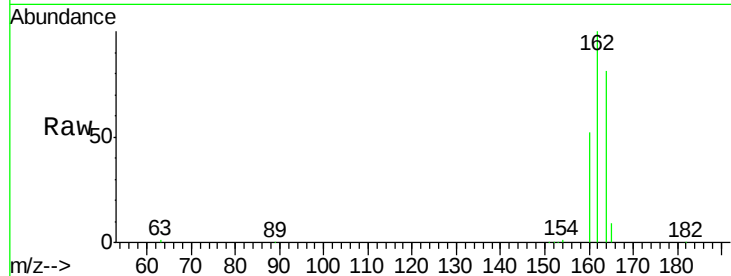




#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 628
Delta R.T. -0.00 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

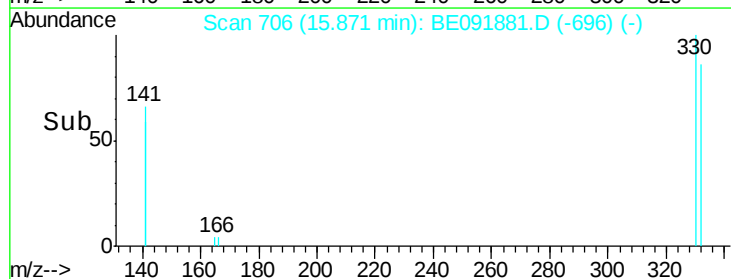
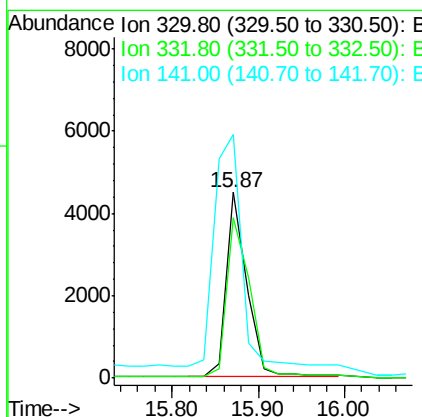
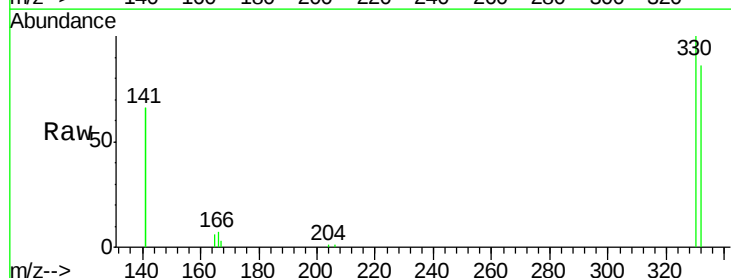
Instrument :
BNA_E
ClientSampleId :

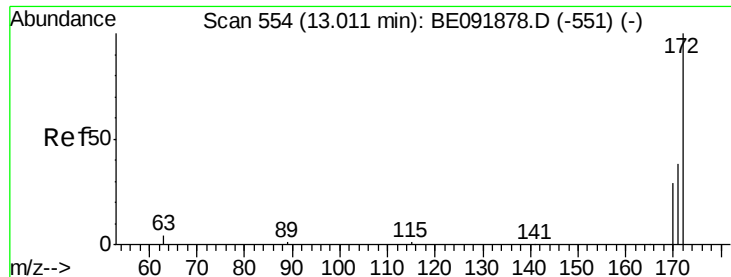
Tot Ion:164 Resp: 67862
Ion Ratio Lower Upper
164 100
162 122.8 71.8 107.8#
160 63.8 28.0 42.0#



#16
2,4,6-Tribromophenol
Concen: 2.44 ng
RT: 15.87 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

Tgt Ion:330 Resp: 7399
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 165.0 138.4 207.6

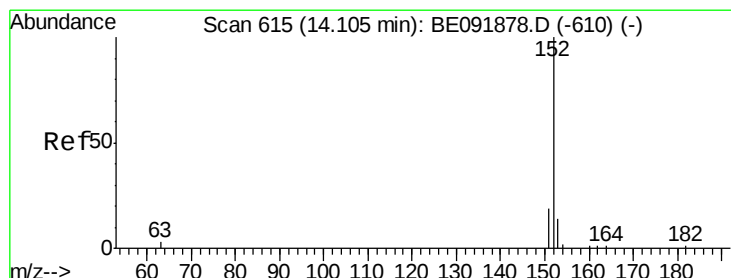
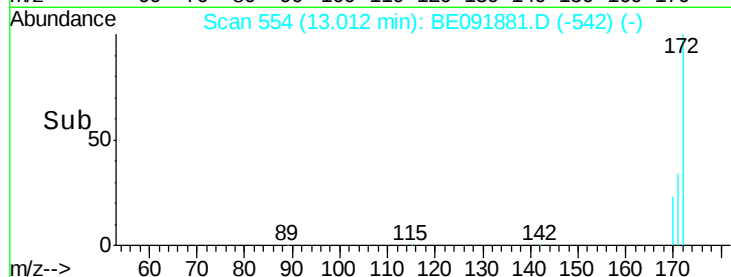
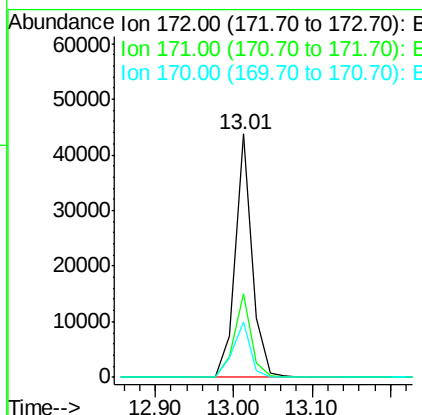
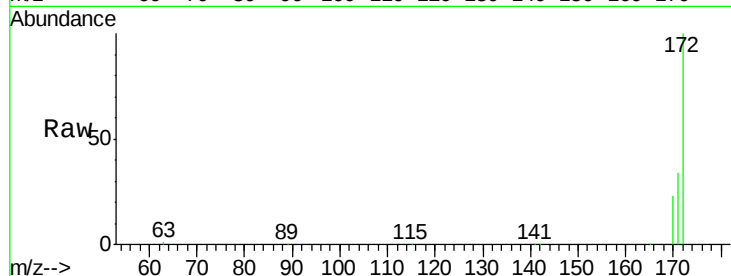




#17
 2-Fluorobiphenyl
 Concen: 3.24 ng
 RT: 13.01 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BE091881.D
 Acq: 7 Jun 2016 13:25

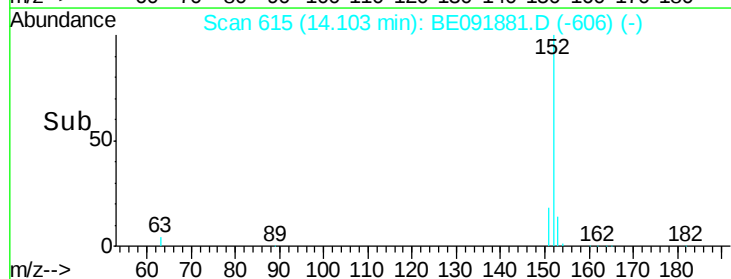
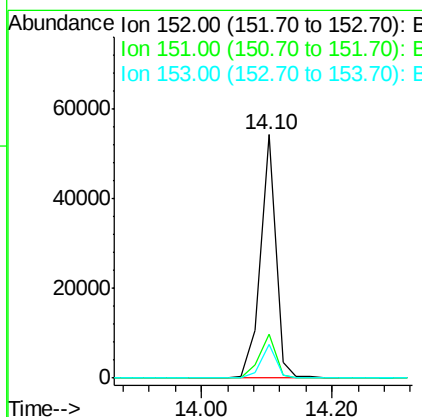
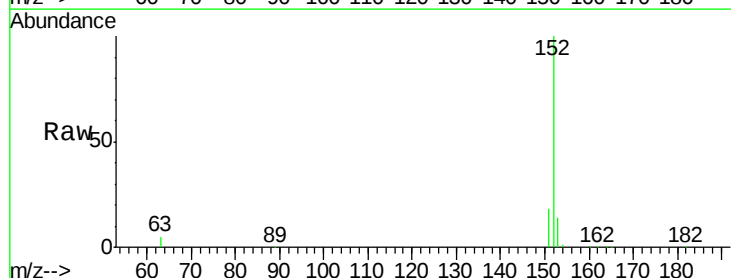
Instrument :
 BNA_E
 ClientSampleId :

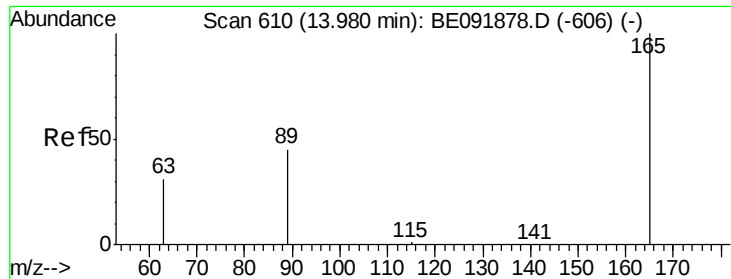
Tot Ion:172 Resp: 65389
 Ion Ratio Lower Upper
 172 100
 171 34.3 24.3 36.5
 170 22.6 14.9 22.3#



#18
 Acenaphthylene
 Concen: 2.89 ng
 RT: 14.10 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BE091881.D
 Acq: 7 Jun 2016 13:25

Tgt Ion:152 Resp: 96349
 Ion Ratio Lower Upper
 152 100
 151 19.6 19.4 29.2
 153 13.8 14.4 21.6#

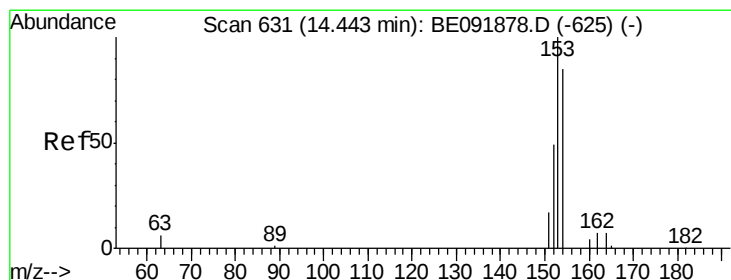
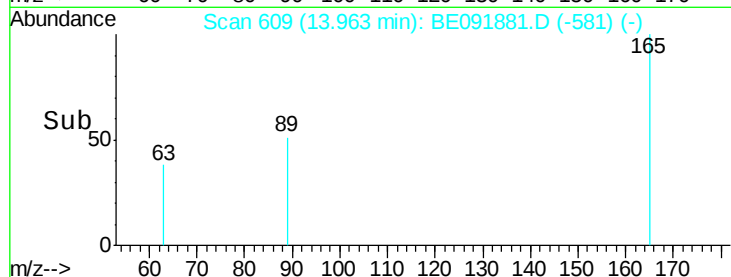
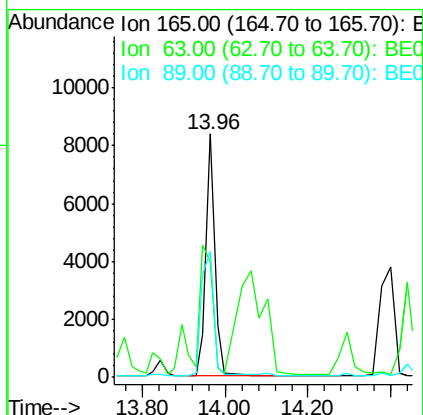
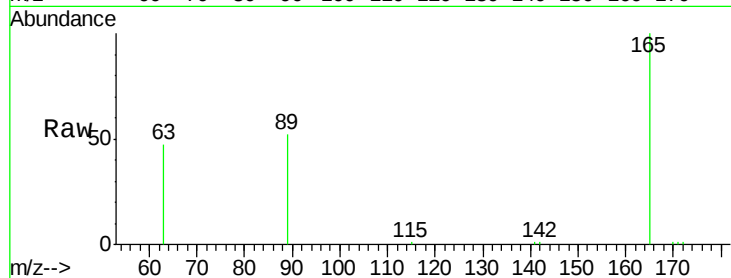




#19
2,6-Dinitrotoluene
Concen: 3.23 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

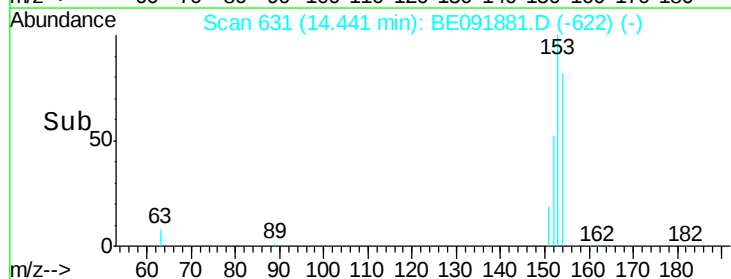
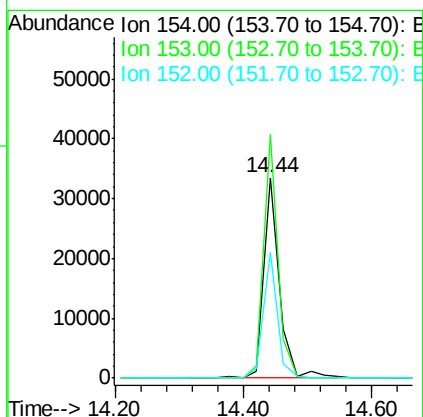
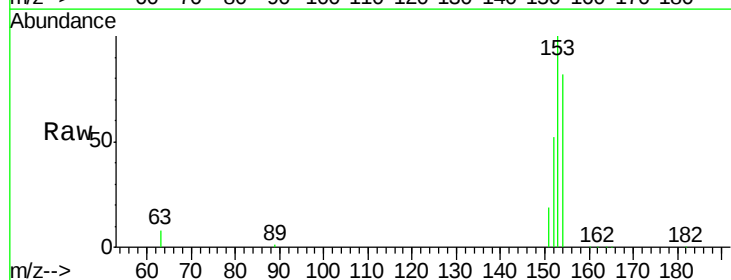
Instrument :
BNA_E
ClientSampled :

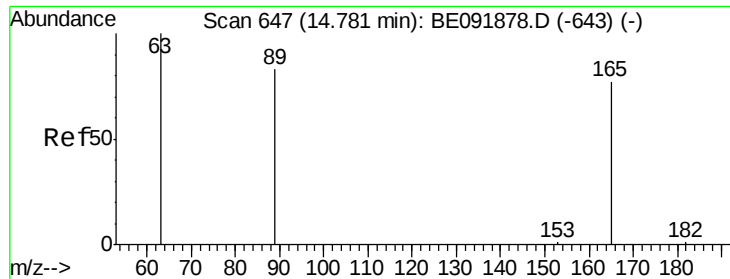
Tot Ion:165 Resp: 14940
Ion Ratio Lower Upper
165 100
63 80.0 65.9 98.9
89 67.5 59.1 88.7



#20
Acenaphthene
Concen: 3.12 ng
RT: 14.44 min Scan# 631
Delta R.T. -0.00 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

Tgt Ion:154 Resp: 56669
Ion Ratio Lower Upper
154 100
153 110.5 88.1 132.1
152 55.9 44.2 66.2

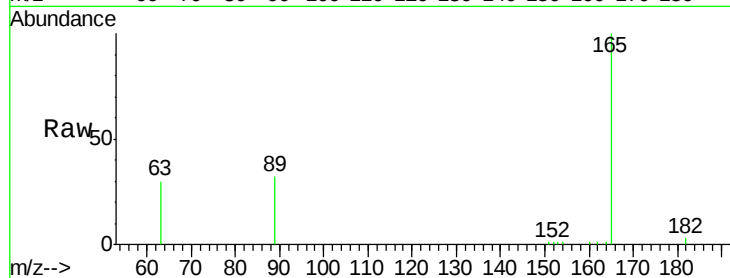




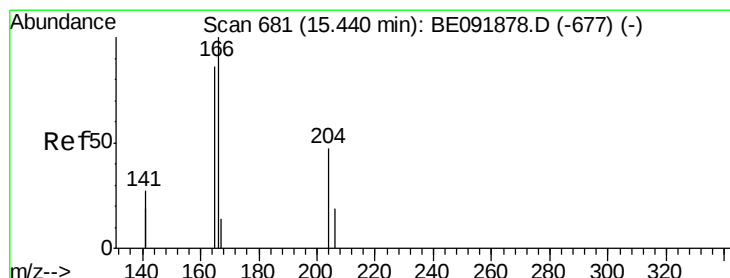
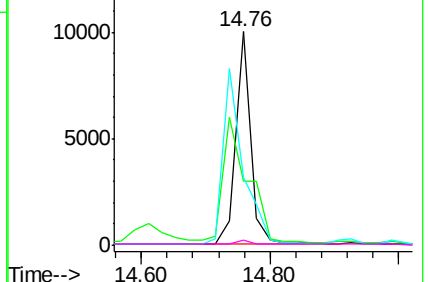
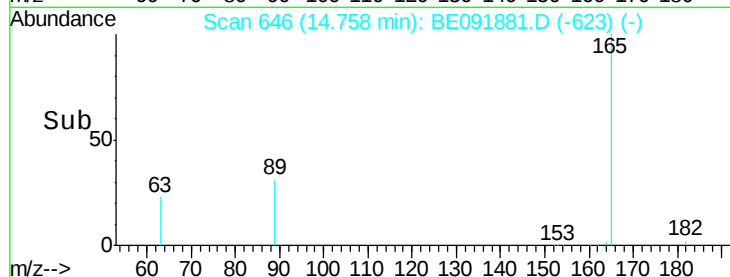
#21
2,4-Dinitrotoluene
Concen: 3.01 ng
RT: 14.76 min Scan# 646
Delta R.T. -0.02 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:165 Resp: 16049
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 2.1 0.0 0.0#

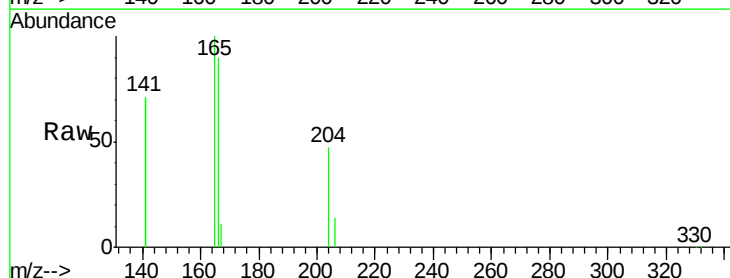


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

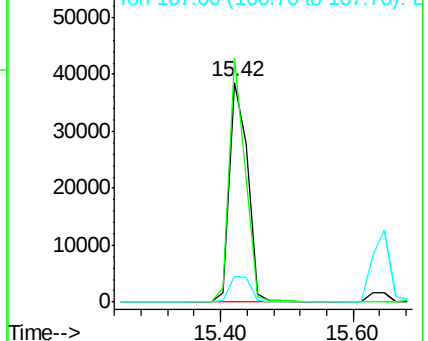
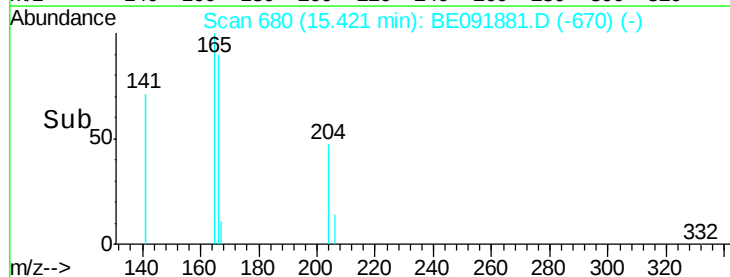


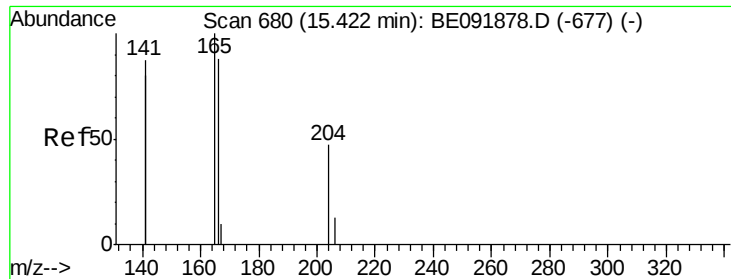
#22
Fluorene
Concen: 3.05 ng
RT: 15.42 min Scan# 680
Delta R.T. -0.02 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

Tgt Ion:166 Resp: 72732
Ion Ratio Lower Upper
166 100
165 98.3 78.6 117.8
167 13.4 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

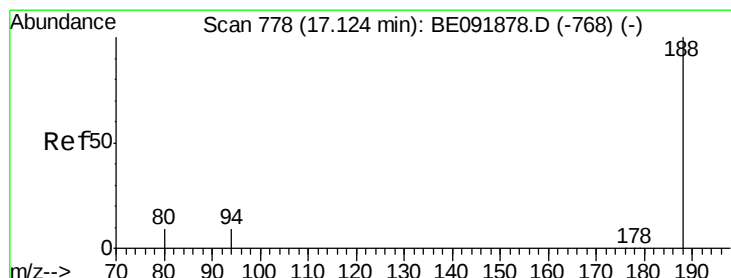
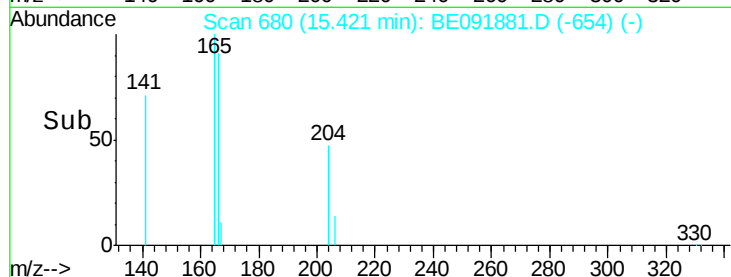
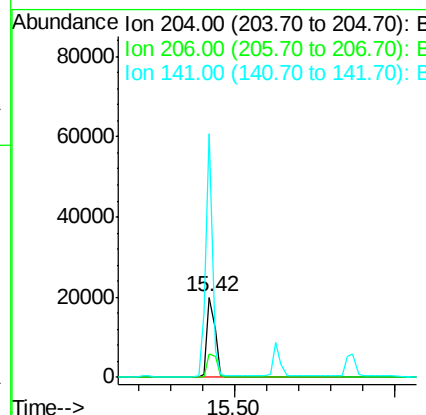
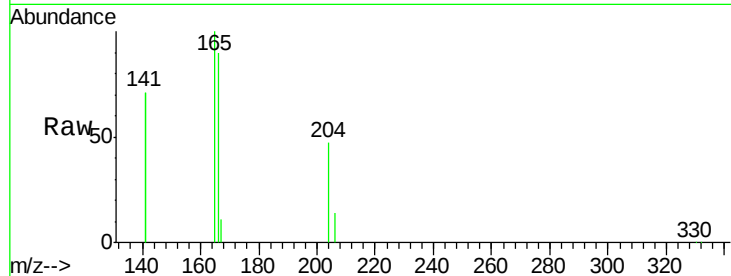




#23
 4-Chlorophenyl-phenylether
 Concen: 2.92 ng
 RT: 15.42 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BE091881.D
 Acq: 7 Jun 2016 13:25

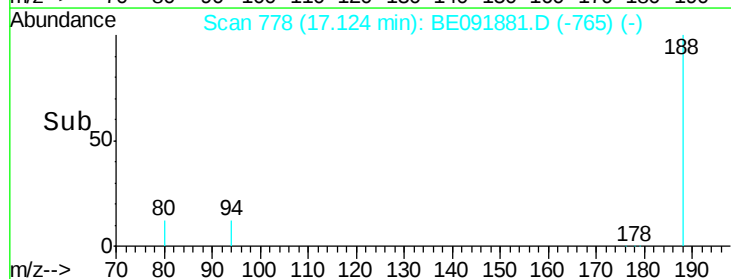
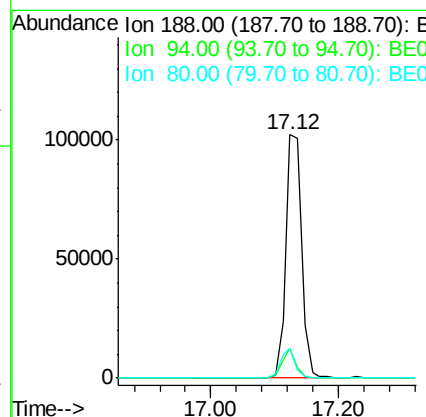
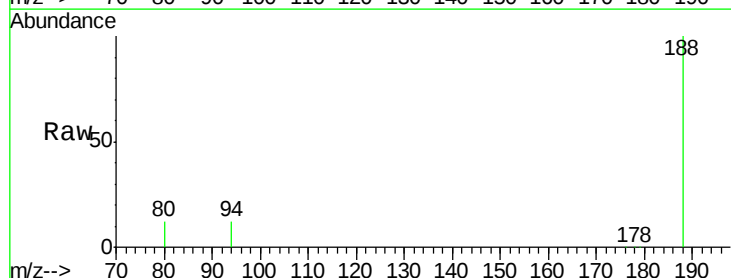
Instrument :
 BNA_E
 ClientSampleId :

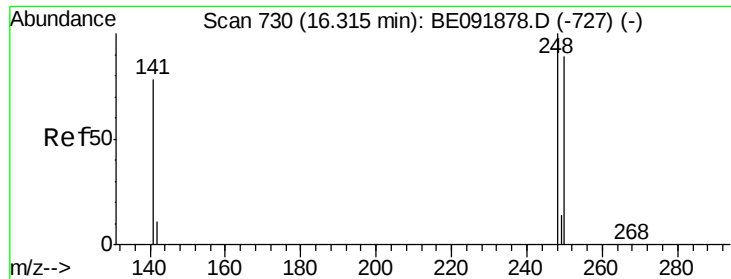
Tot Ion:204 Resp: 34967
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.8 41.6
 141 251.0 197.6 296.4



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.12 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BE091881.D
 Acq: 7 Jun 2016 13:25

Tgt Ion:188 Resp: 210657
 Ion Ratio Lower Upper
 188 100
 94 12.0 4.1 6.1#
 80 12.4 3.4 5.2#

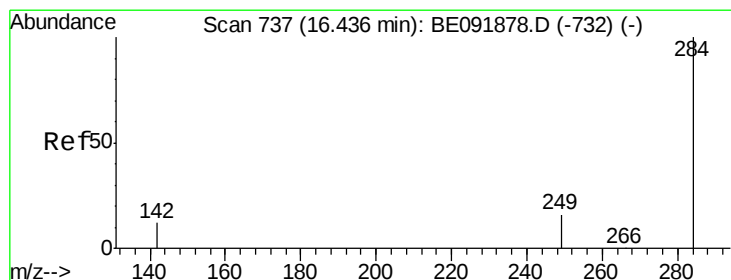
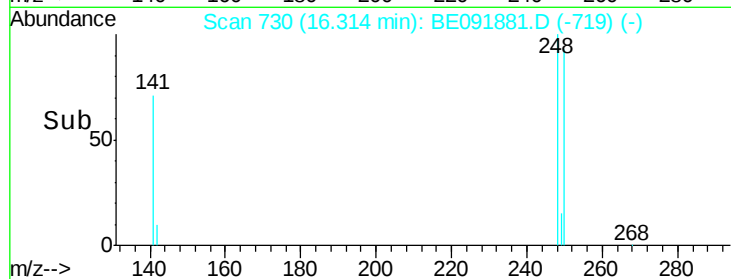
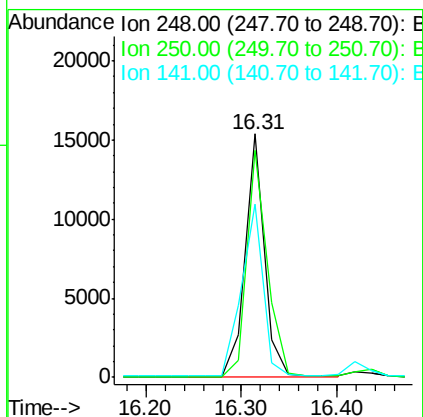
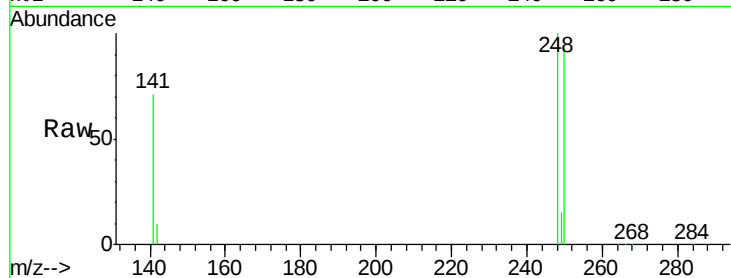




#25
4-Bromophenyl-phenylether
Concen: 2.85 ng
RT: 16.31 min Scan# 730
Delta R.T. -0.00 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

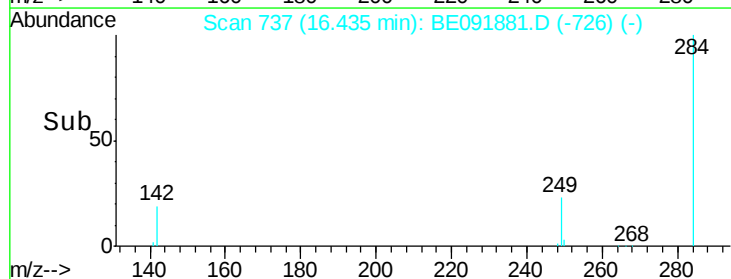
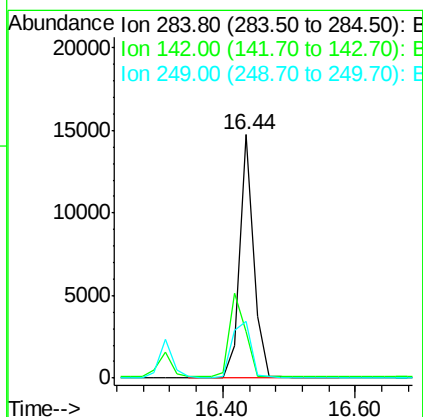
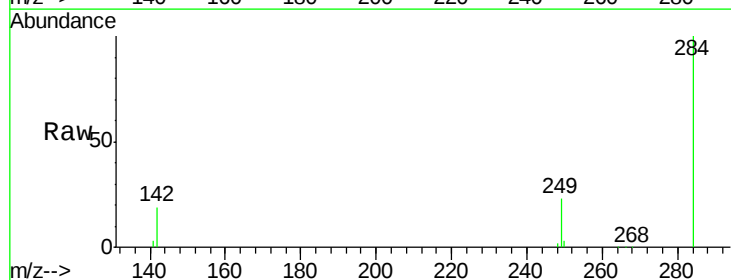
Instrument :
BNA_E
ClientSampleId :

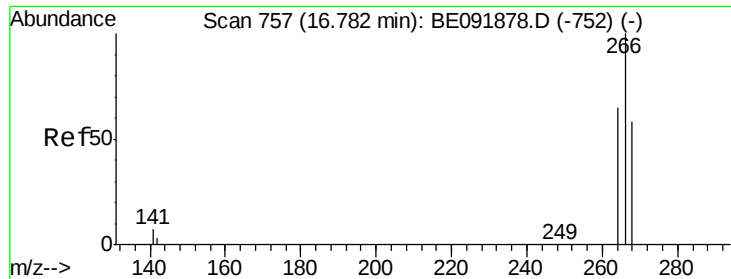
Tot Ion:248 Resp: 21427
Ion Ratio Lower Upper
248 100
250 99.0 75.7 113.5
141 79.9 64.6 97.0



#26
Hexachlorobenzene
Concen: 2.96 ng
RT: 16.44 min Scan# 737
Delta R.T. -0.00 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

Tgt Ion:284 Resp: 21227
Ion Ratio Lower Upper
284 100
142 40.3 31.4 47.2
249 31.9 25.3 37.9





#27

Pentachlorophenol

Concen: 3.20 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :

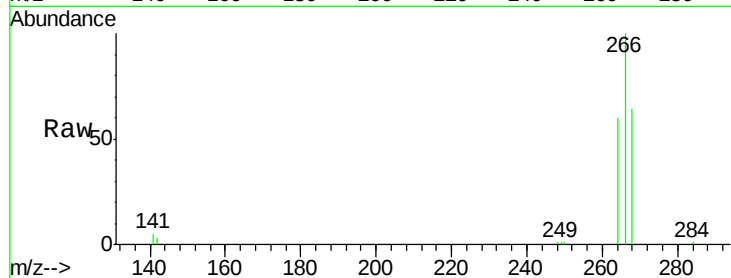
Tot Ion:266 Resp: 8847

Ion Ratio Lower Upper

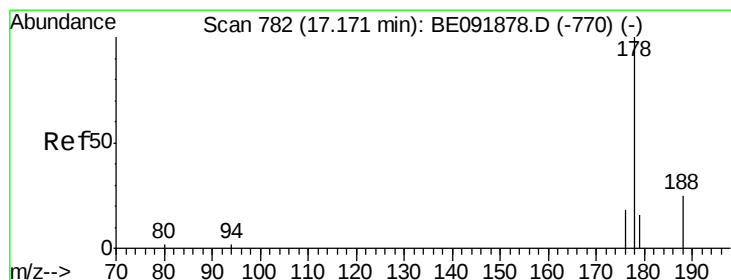
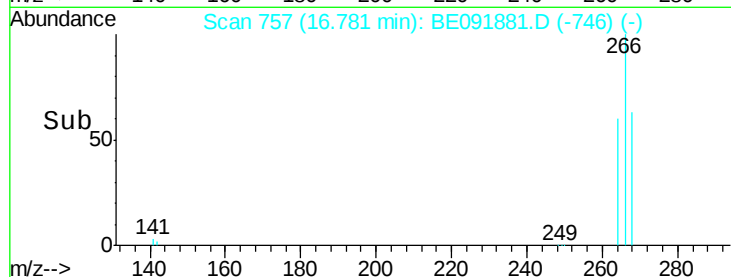
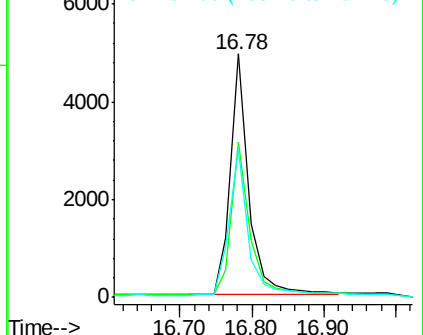
266 100

268 63.6 60.5 90.7

264 60.4 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: 2.88 ng

RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

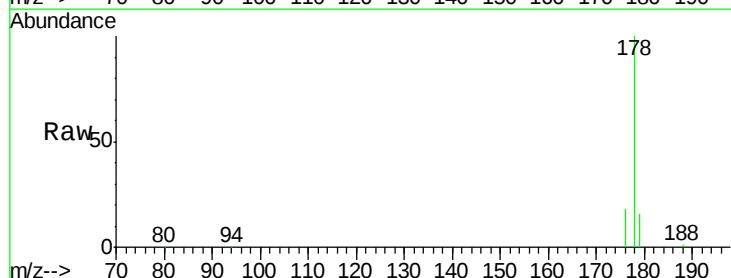
Tgt Ion:178 Resp: 132269

Ion Ratio Lower Upper

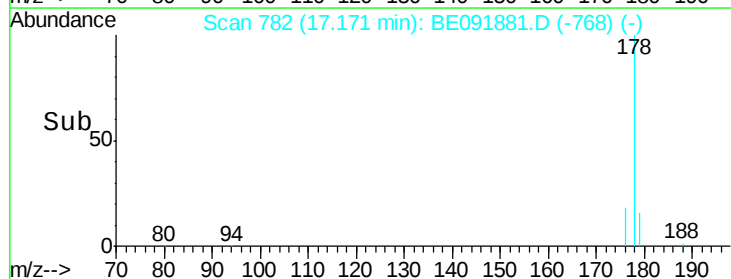
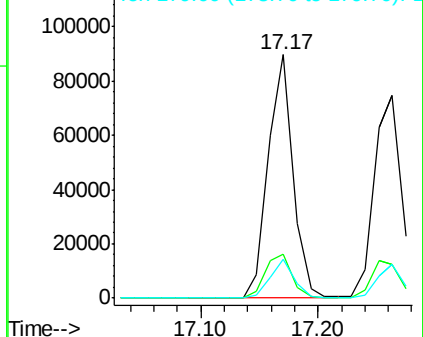
178 100

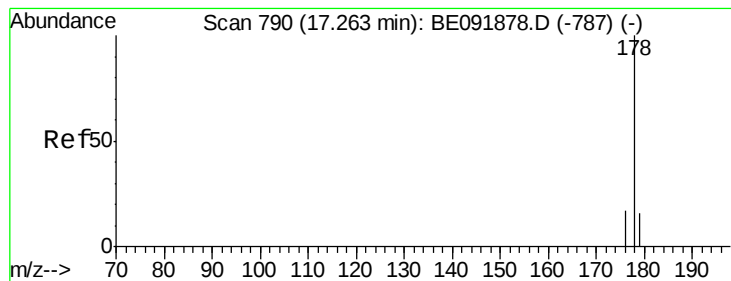
176 19.4 15.4 23.2

179 15.5 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: 2.96 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :

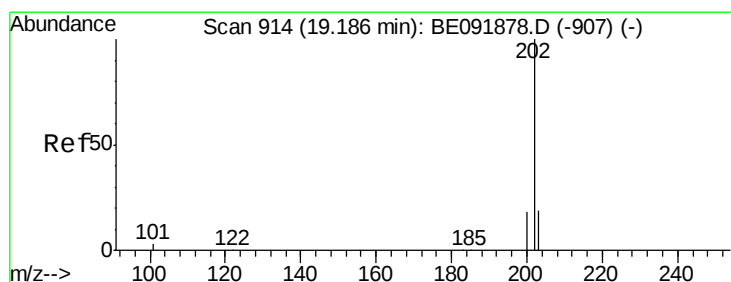
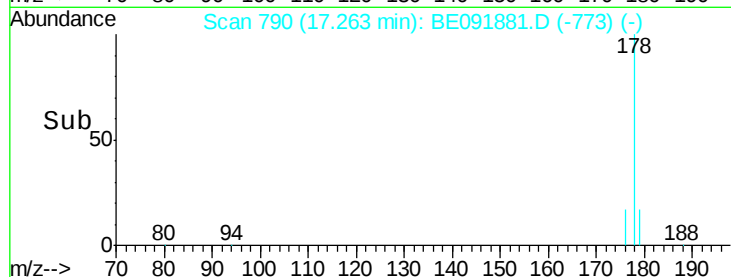
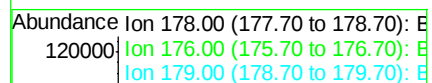
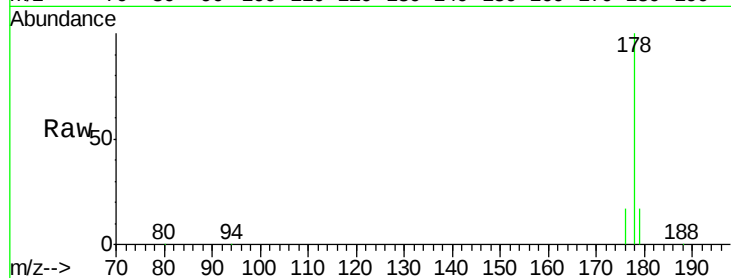
Tot Ion:178 Resp: 124523

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.7 12.1 18.1



#30

Fluoranthene

Concen: 2.70 ng

RT: 19.19 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

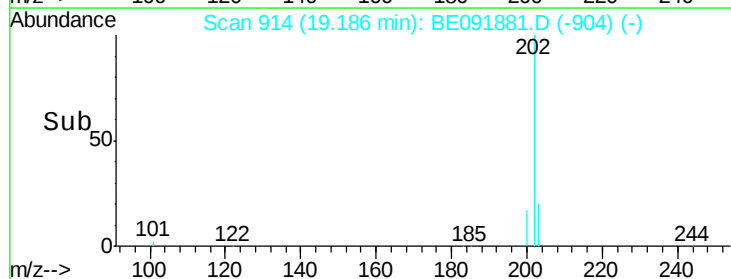
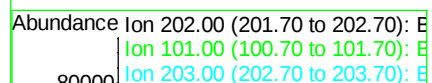
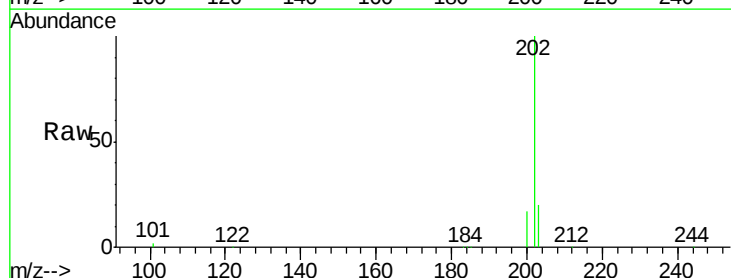
Tgt Ion:202 Resp: 144772

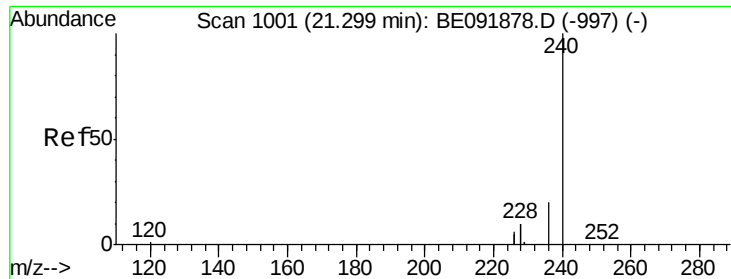
Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.0

203 17.5 14.3 21.5

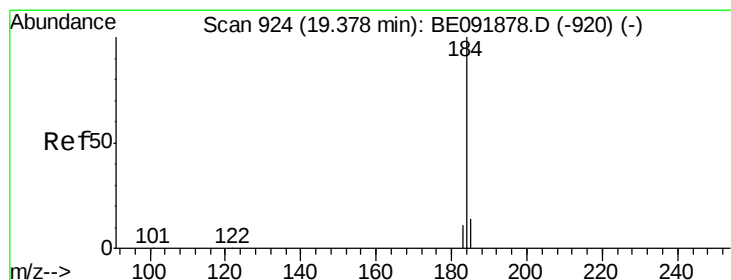
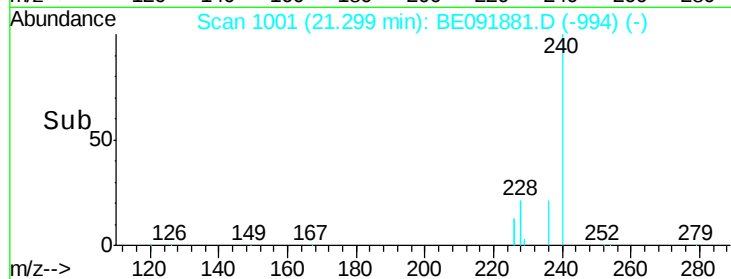
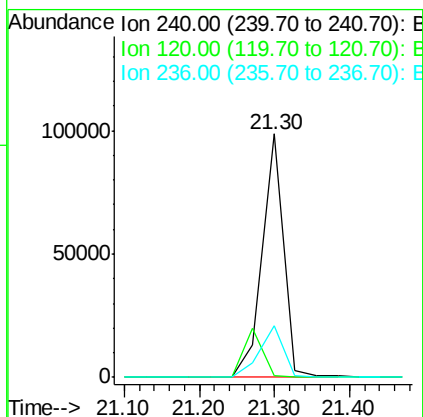
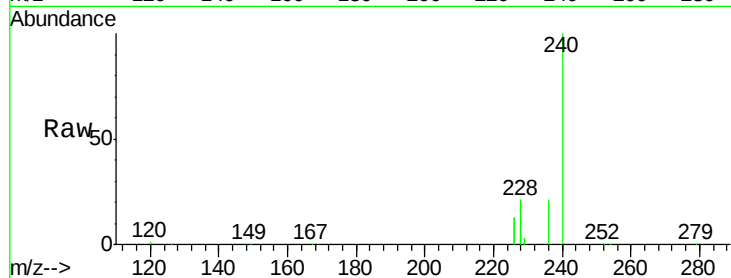




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

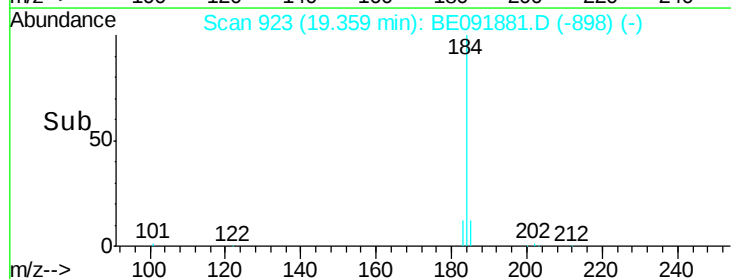
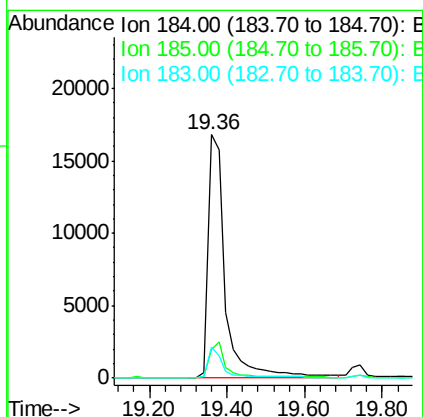
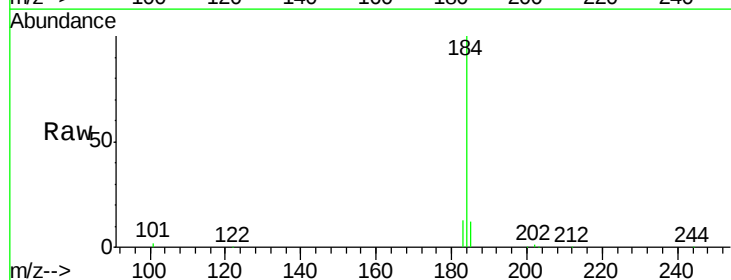
Instrument :
BNA_E
ClientSampleId :

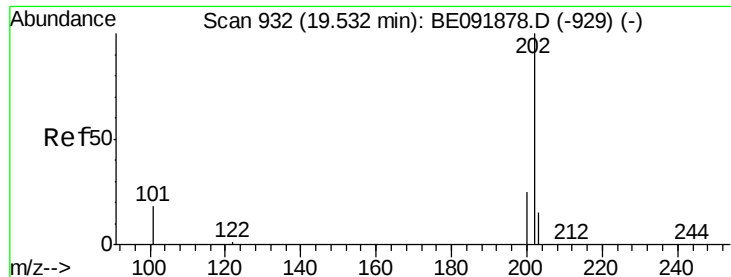
Tot Ion:240 Resp: 197414
Ion Ratio Lower Upper
240 100
120 0.6 1.2 1.8#
236 21.3 19.8 29.8



#32
Benzidine
Concen: 3.24 ng
RT: 19.36 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

Tgt Ion:184 Resp: 51229
Ion Ratio Lower Upper
184 100
185 11.9 11.4 17.2
183 12.7 11.8 17.6

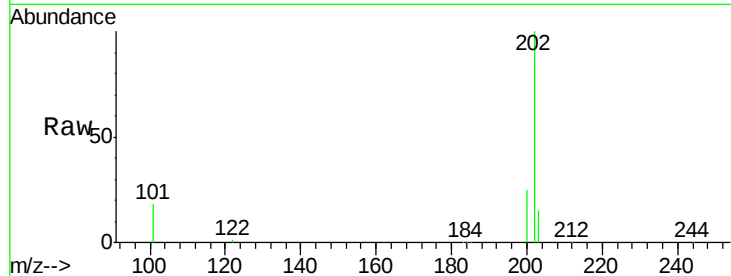




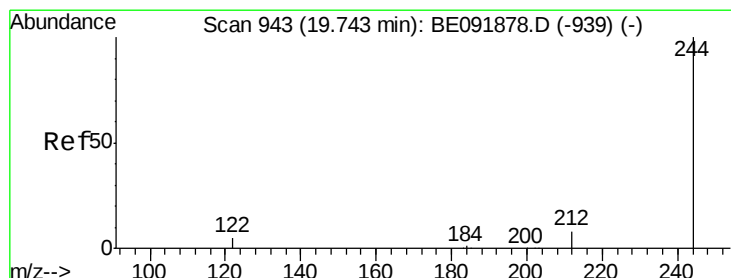
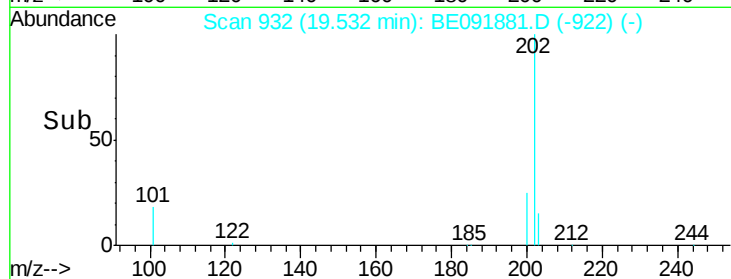
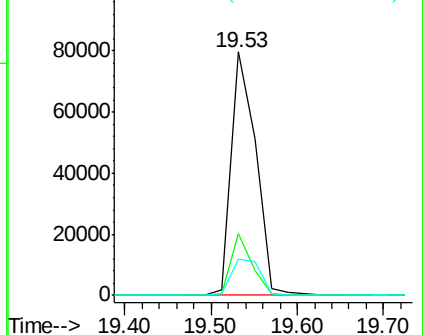
#33
Pvrene
Concen: 3.75 ng
RT: 19.53 min Scan# 932
Delta R.T. 0.00 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 157114
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 17.8 14.1 21.1

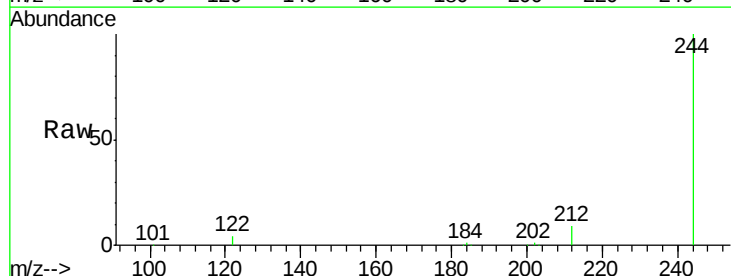


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

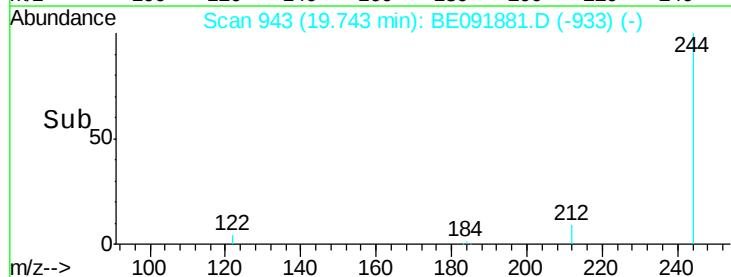
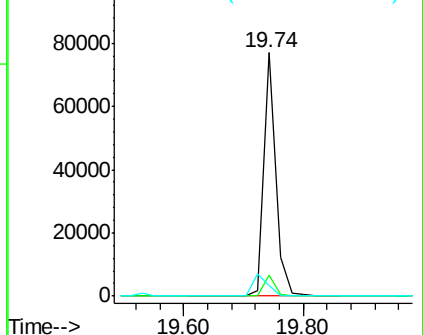


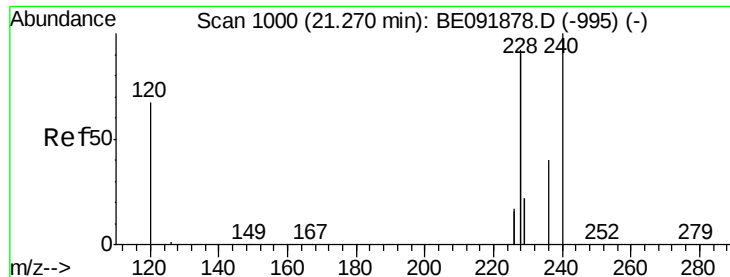
#34
Terphenyl-d14
Concen: 3.58 ng
RT: 19.74 min Scan# 943
Delta R.T. 0.00 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

Tgt Ion:244 Resp: 106829
Ion Ratio Lower Upper
244 100
212 8.6 6.5 9.7
122 4.3 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

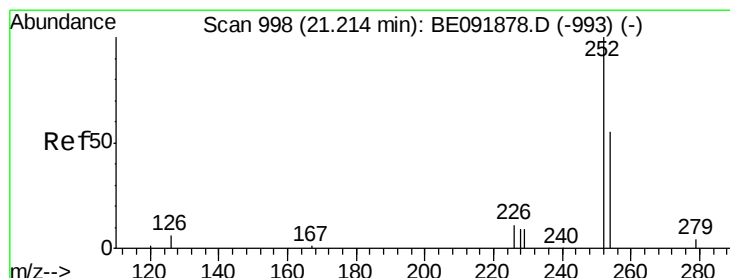
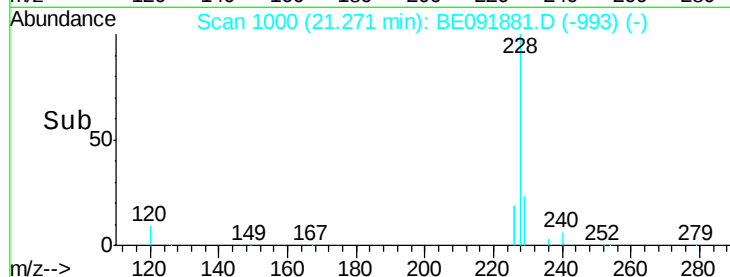
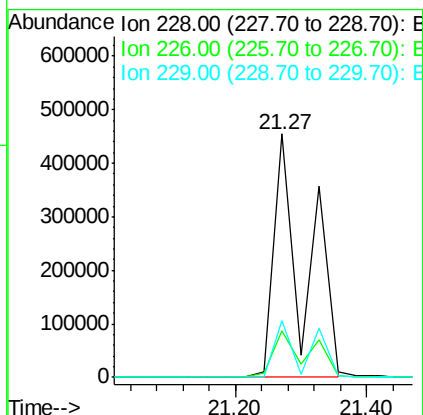
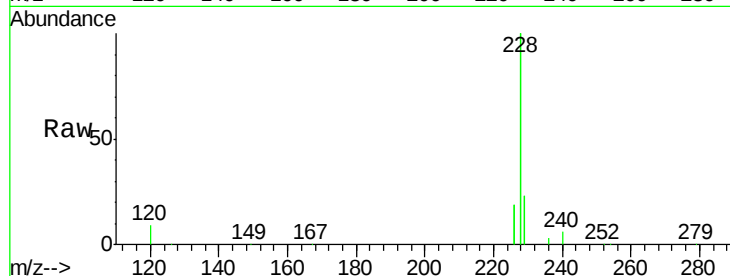




#35
Benzo(a)anthracene
Concen: 28.26 ng
RT: 21.27 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

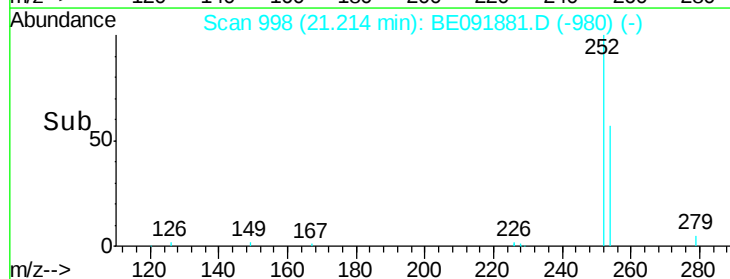
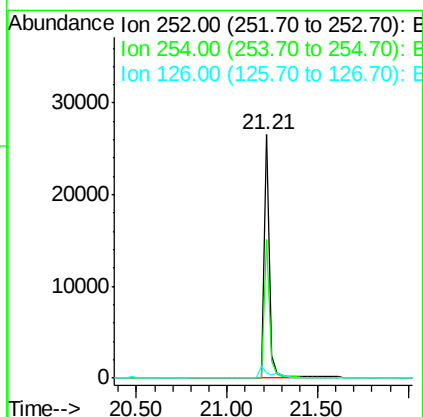
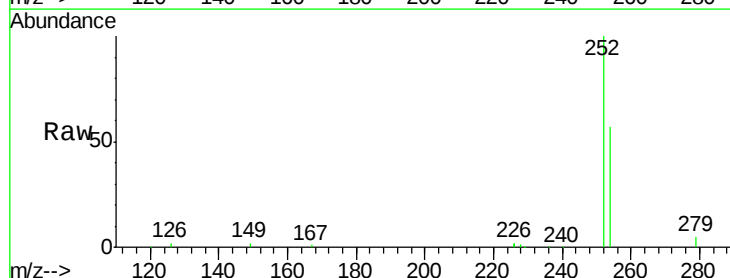
Instrument :
BNA_E
ClientSampleId :

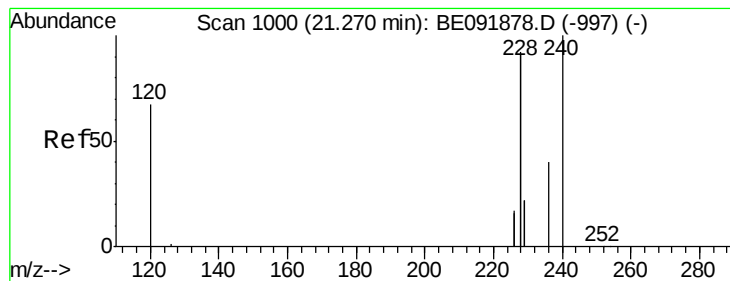
Tot Ion:228 Resp: 1486868
Ion Ratio Lower Upper
228 100
226 19.1 21.0 31.4#
229 23.4 15.8 23.8



#36
3,3'-Dichlorobenzidine
Concen: 1.81 ng
RT: 21.21 min Scan# 998
Delta R.T. 0.00 min
Lab File: BE091881.D
Acq: 7 Jun 2016 13:25

Tgt Ion:252 Resp: 52171
Ion Ratio Lower Upper
252 100
254 57.1 61.5 92.3#
126 2.4 2.5 3.7#





#37

Chrysene

Concen: 31.03 ng

RT: 21.27 min Scan# 1000

Delta R.T. -0.06 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampled :

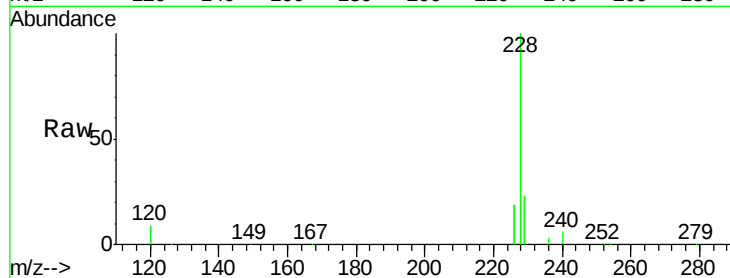
Tot Ion:228 Resp: 1497420

Ion Ratio Lower Upper

228 100

226 19.1 27.0 40.6#

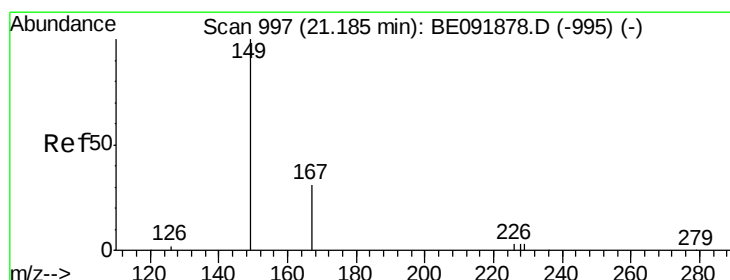
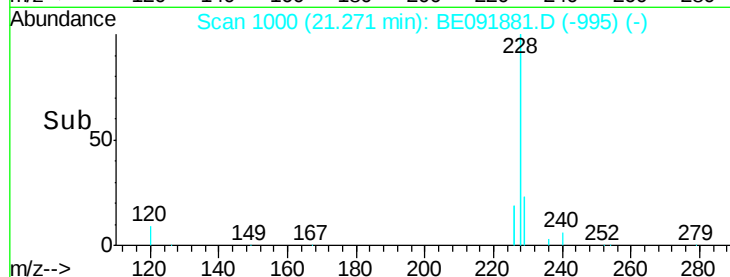
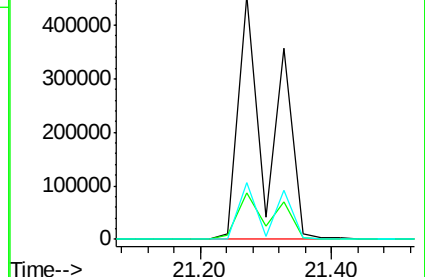
229 23.4 13.8 20.8#



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: 6.16 ng

RT: 21.19 min Scan# 997

Delta R.T. 0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

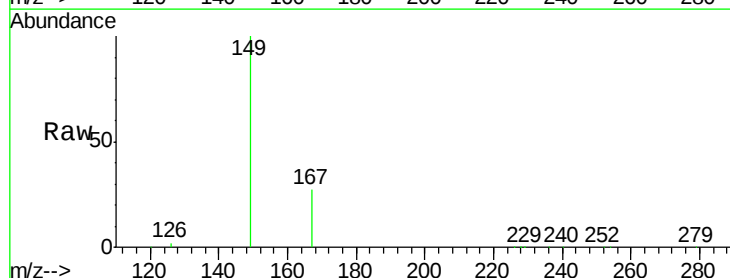
Tgt Ion:149 Resp: 117595

Ion Ratio Lower Upper

149 100

167 26.6 0.0 0.0#

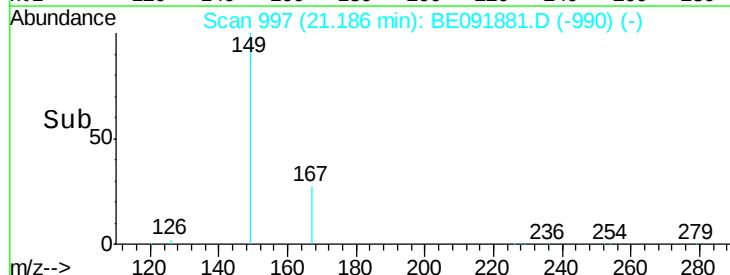
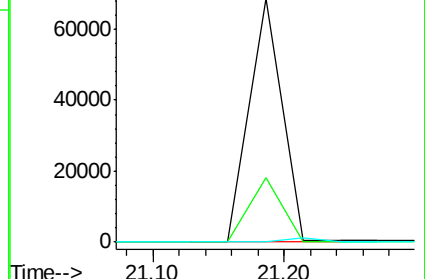
279 0.0 0.0 0.0

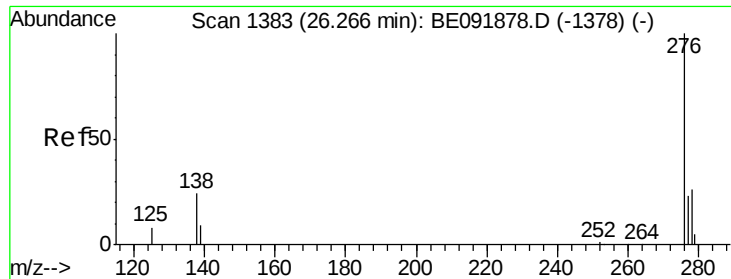


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 3.64 ng

RT: 26.29 min Scan# 1384

Delta R.T. 0.02 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :

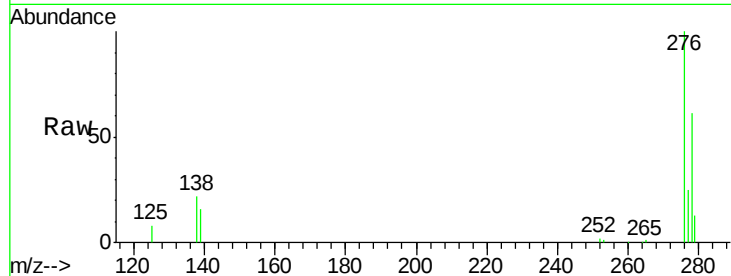
Tot Ion:276 Resp: 179554

Ion Ratio Lower Upper

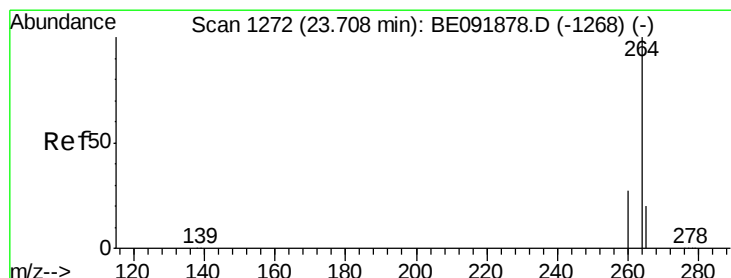
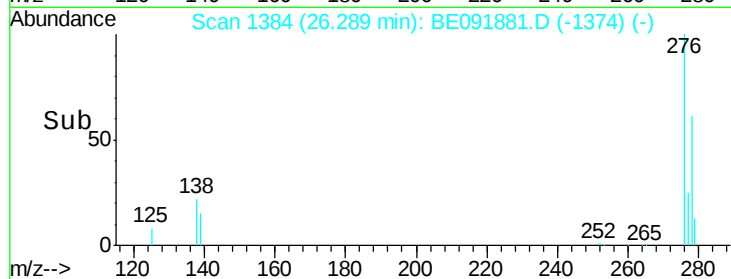
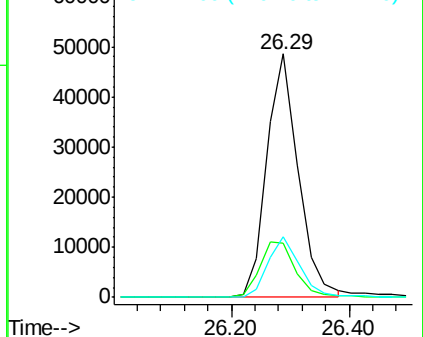
276 100

138 0.0 19.7 29.5#

277 24.9 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: 23.73 min Scan# 1273

Delta R.T. 0.02 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

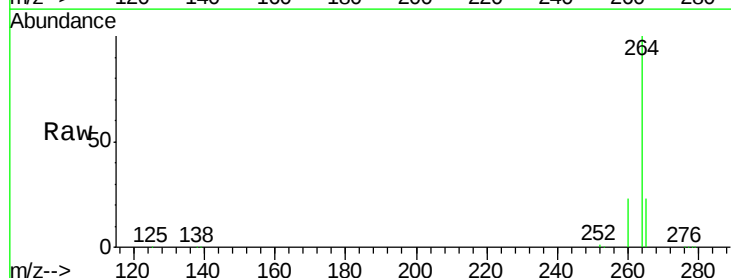
Tgt Ion:264 Resp: 226228

Ion Ratio Lower Upper

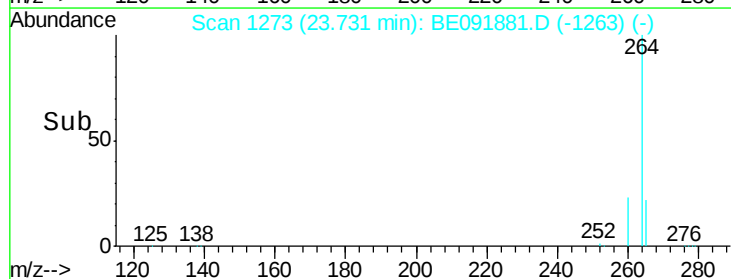
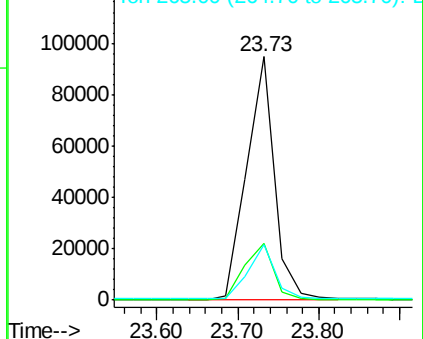
264 100

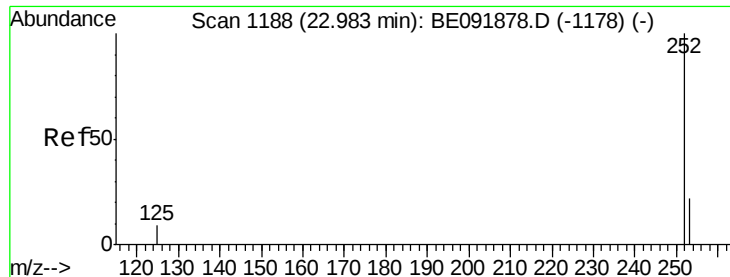
260 23.5 20.3 30.5

265 22.9 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: 2.75 ng

RT: 22.98 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :

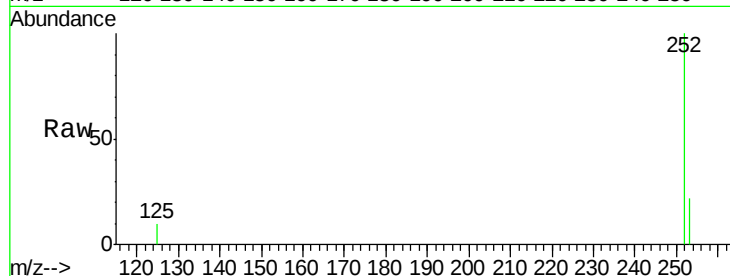
Tot Ion:252 Resp: 168118

Ion Ratio Lower Upper

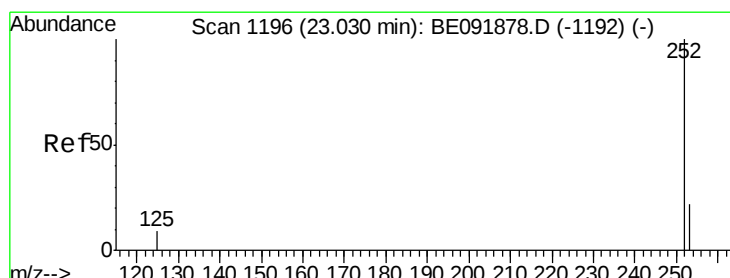
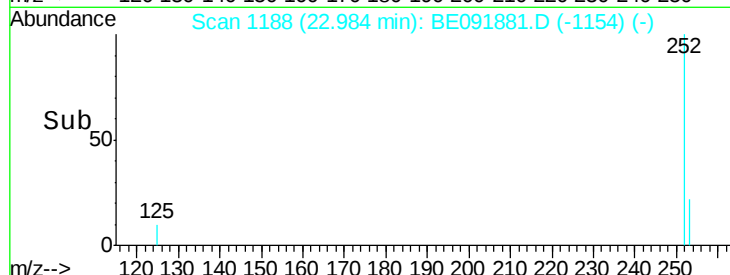
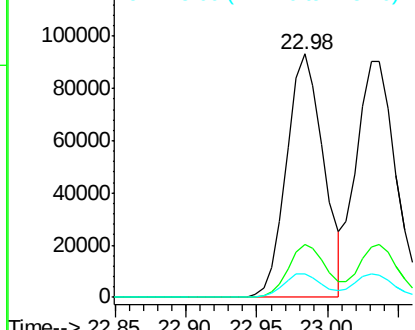
252 100

253 21.9 17.8 26.6

125 9.7 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: 3.26 ng

RT: 23.04 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

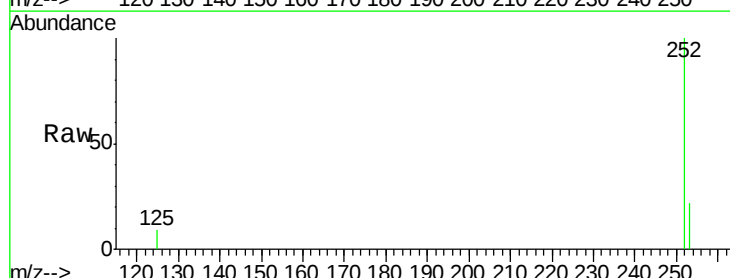
Tgt Ion:252 Resp: 180444

Ion Ratio Lower Upper

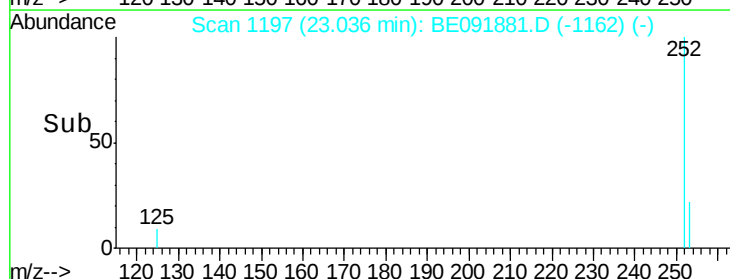
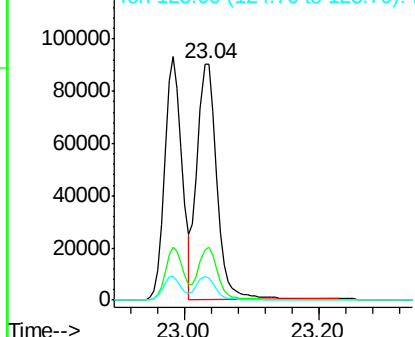
252 100

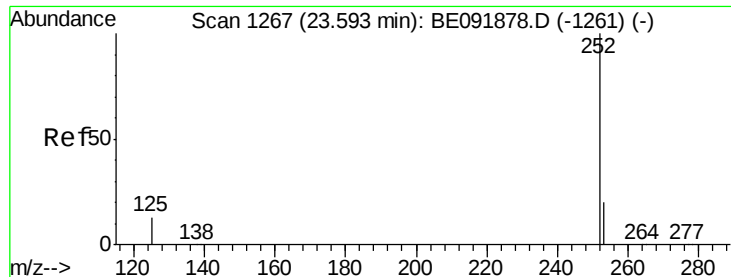
253 22.5 19.4 29.2

125 9.4 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: 2.90 ng

RT: 23.62 min Scan# 1268

Delta R.T. 0.02 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :

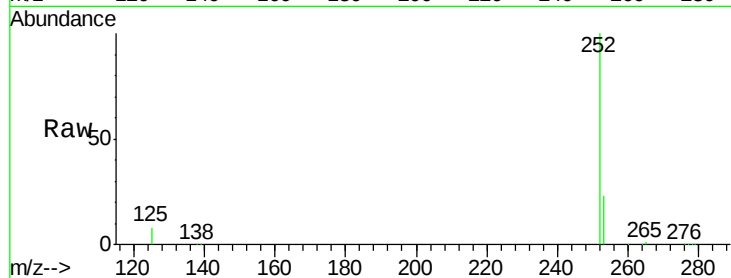
Tot Ion:252 Resp: 160638

Ion Ratio Lower Upper

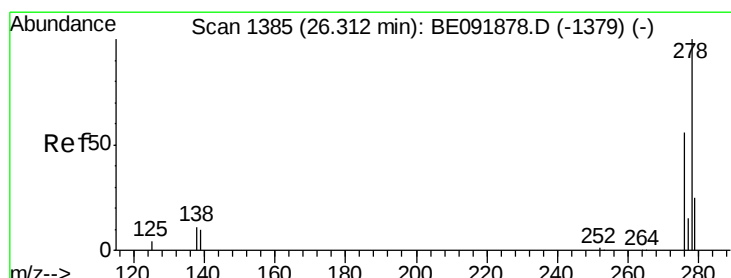
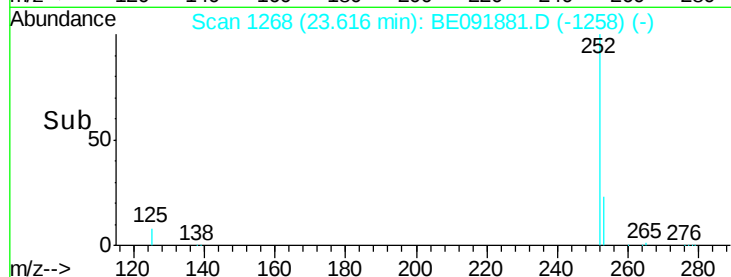
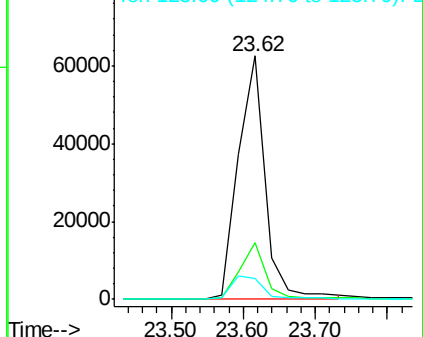
252 100

253 23.2 18.9 28.3

125 8.4 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: 2.88 ng

RT: 26.31 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

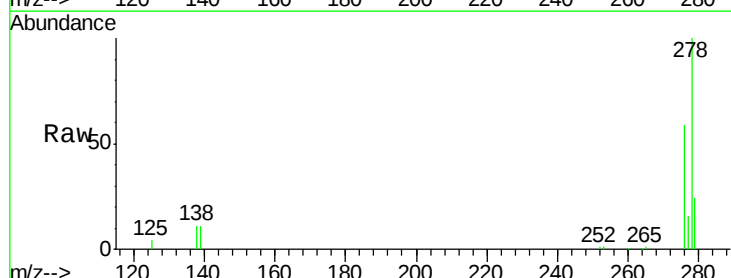
Tgt Ion:278 Resp: 152742

Ion Ratio Lower Upper

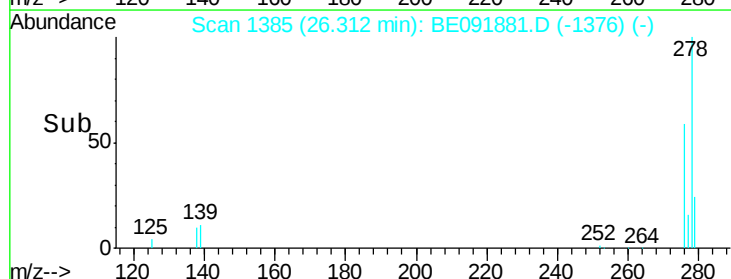
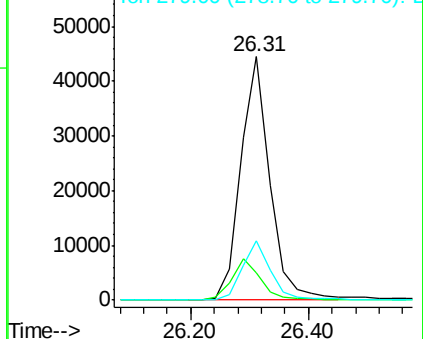
278 100

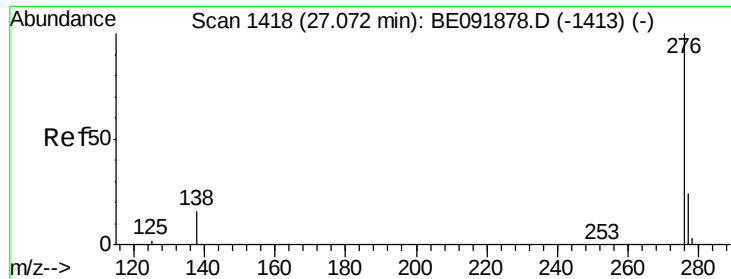
139 11.2 12.6 18.8#

279 24.4 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: 2.90 ng

RT: 27.07 min Scan# 1418

Delta R.T. 0.00 min

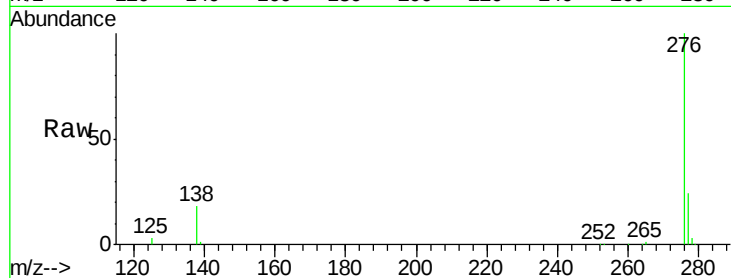
Lab File: BE091881.D

Acq: 7 Jun 2016 13:25

Instrument :

BNA_E

ClientSampleId :



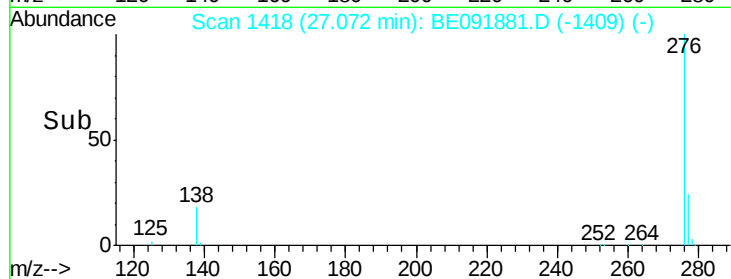
Tot Ion: 276 Resp: 155924

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 18.2 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

