

Data Path : Z:\HPCHEM1\BNA_E\Data\BE070516\
 Data File : BE091966.D
 Acq On : 5 Jul 2016 15:10
 Operator : UM/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jul 05 15:51:54 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 12:36:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	21951	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	109895	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	81926	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	170980	5.00	ng	0.00
31) Chrysene-d12	21.76	240	278153	5.00	ng	0.00
40) Perylene-d12	24.17	264	218967	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.70	112	18861	4.40	ng	-0.02
5) Phenol-d6	7.35	99	26946	4.84	ng	-0.02
9) Nitrobenzene-d5	9.37	82	26220	3.46	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	9443	5.65	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	65290	3.14	ng	-0.01
34) Terphenyl-d14	20.22	244	113910	3.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	9394	3.03	ng	94
3) n-Nitrosodimethylamine	3.80	42	12757	3.63	ng	92
6) bis(2-Chloroethyl)ether	7.61	93	22442	3.57	ng	98
7) n-Nitroso-di-n-propylamine	9.00	70	21028	4.21	ng	# 98
10) Nitrobenzene	9.40	77	29274	3.88	ng	# 100
11) bis(2-Chloroethoxy)methane	10.40	93	31525	3.28	ng	# 18
12) Naphthalene	11.04	128	79965	3.33	ng	98
13) Hexachlorobutadiene	11.34	225	11153	2.87	ng	99
14) 2-Methylnaphthalene	12.66	142	52639	3.23	ng	98
18) Acenaphthylene	14.56	152	384390	4.62	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	79236	5.96	ng	# 10
20) Acenaphthene	14.92	154	68210	2.98	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	84332	6.79	ng	# 54
22) Fluorene	15.90	166	79719	3.50	ng	100
23) 4-Chlorophenyl-phenylether	15.90	204	39107	3.48	ng	96
25) 4-Bromophenyl-phenylether	16.78	248	23975	3.63	ng	98
26) Hexachlorobenzene	16.90	284	23244	3.43	ng	99
27) Pentachlorophenol	17.25	266	10690	5.76	ng	# 88
28) Phenanthrene	17.64	178	141232	3.30	ng	99
29) Anthracene	17.73	178	138918	3.67	ng	99
30) Fluoranthene	19.65	202	645299	3.52	ng	# 86
32) Benzidine	19.83	184	72171	7.65	ng	# 91
33) Pyrene	20.02	202	662416	3.50	ng	# 74
35) Benzo(a)anthracene	21.79	228	341042	7.80	ng	# 86
36) 3,3'-Dichlorobenzidine	21.67	252	39461	5.57	ng	# 53
37) Chrysene	21.79	228	344431	5.40	ng	97
38) Bis(2-ethylhexyl)phthalate	21.67	149	211159	6.54	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.70	276	853128	3.91	ng	98
41) Benzo(b)fluoranthene	23.43	252	196862	3.50	ng	98
42) Benzo(k)fluoranthene	23.48	252	196045	3.81	ng	96
43) Benzo(a)pyrene	24.07	252	185971	3.79	ng	# 97
44) Dibenzo(a,h)anthracene	26.72	278	176566	3.69	ng	97
45) Benzo(g,h,i)perylene	27.47	276	709207	3.59	ng	95

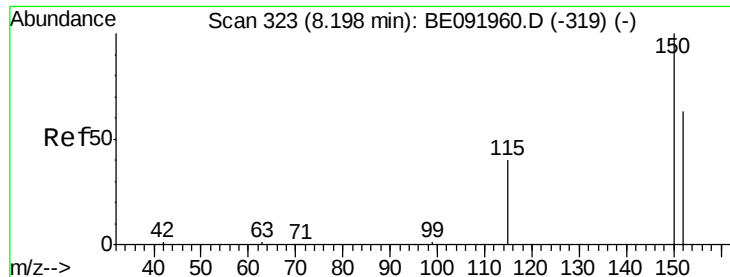
Data Path : Z:\HPCHEM1\BNA_E\Data\BE070516\
Data File : BE091966.D
Acq On : 5 Jul 2016 15:10
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 05 15:51:54 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 12:36:52 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

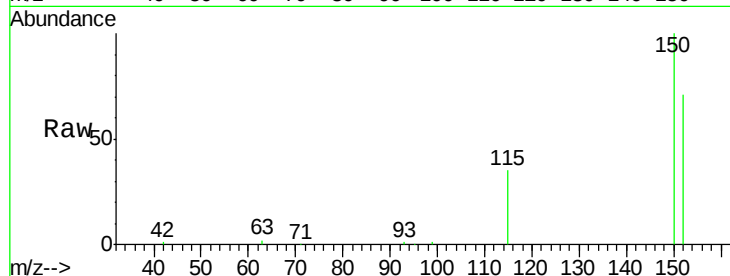


#1

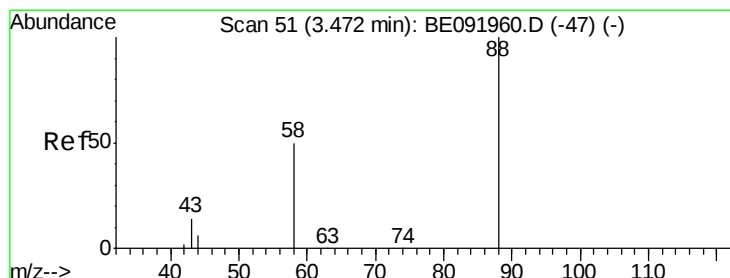
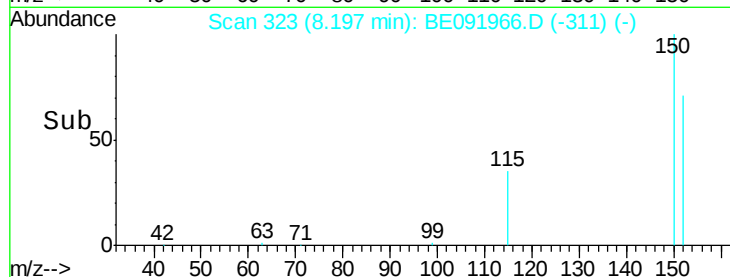
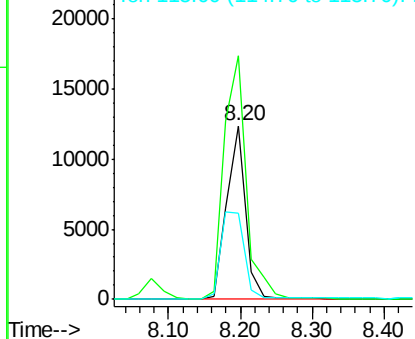
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091966.D
Acq: 5 Jul 2016 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 152 Resp: 21951
Ion Ratio Lower Upper
152 100
150 140.1 123.9 185.9
115 49.7 48.3 72.5



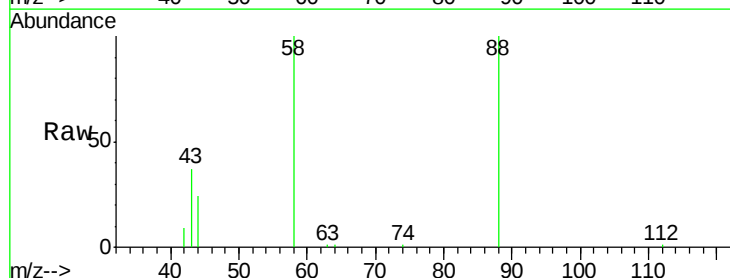
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



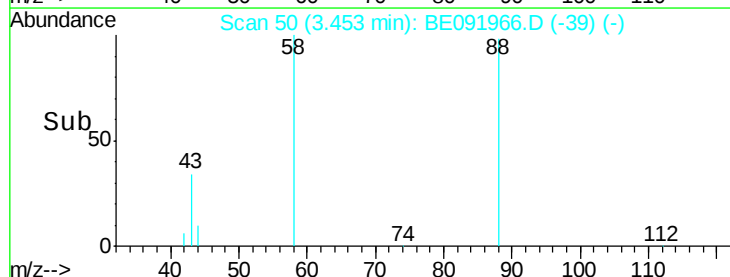
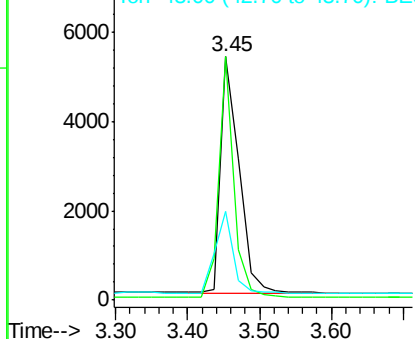
#2

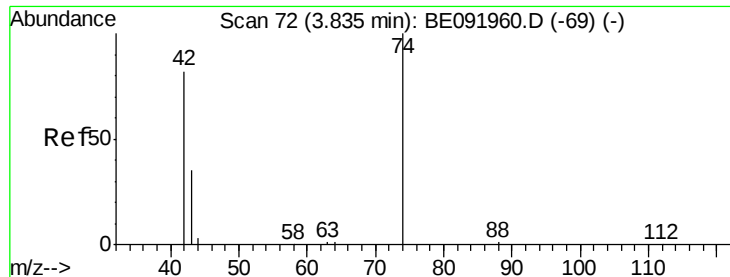
1,4-Dioxane
Concen: 3.03 ng
RT: 3.45 min Scan# 50
Delta R.T. -0.02 min
Lab File: BE091966.D
Acq: 5 Jul 2016 15:10

Tgt Ion: 88 Resp: 9394
Ion Ratio Lower Upper
88 100
58 85.0 63.0 94.4
43 34.9 29.1 43.7



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0

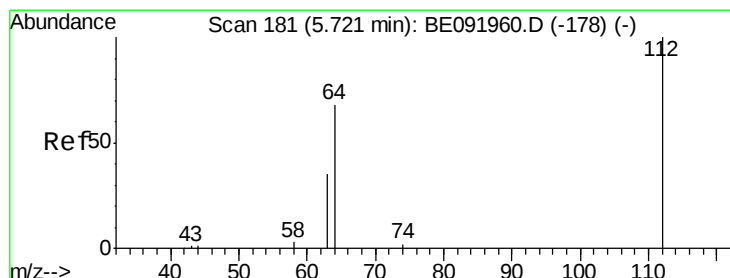
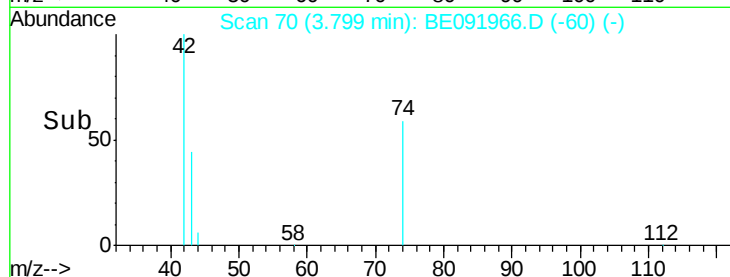
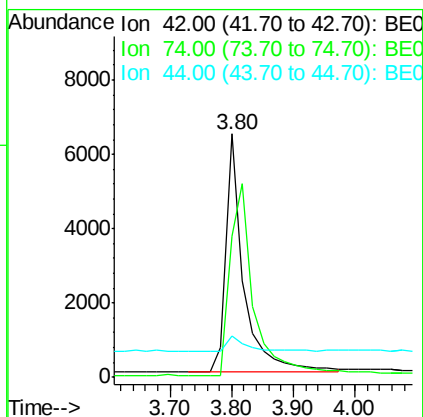
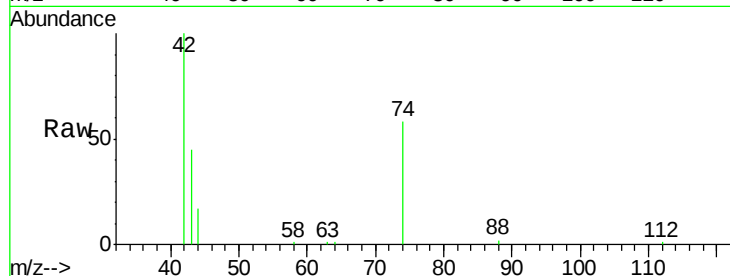




#3
n-Nitrosodimethylamine
Concen: 3.63 ng
RT: 3.80 min Scan# 70
Delta R.T. -0.04 min
Lab File: BE091966.D
Acq: 5 Jul 2016 15:10

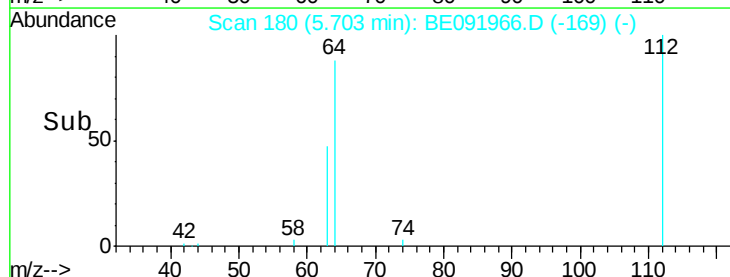
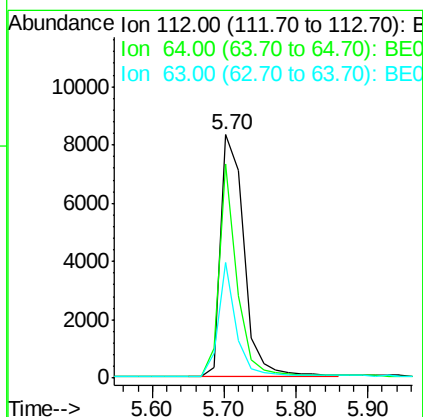
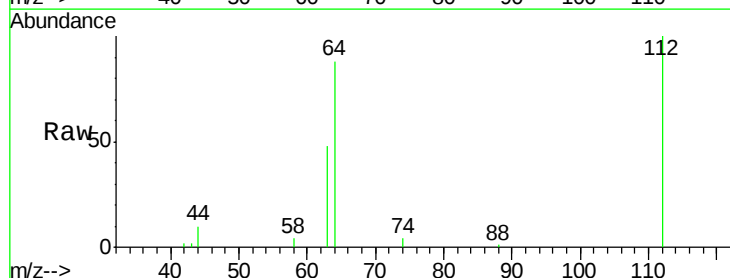
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

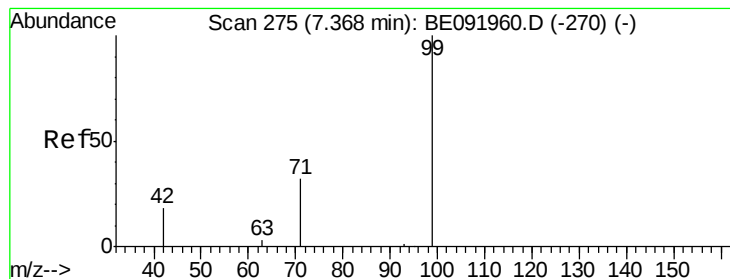
Tgt Ion: 42 Resp: 12757
Ion Ratio Lower Upper
42 100
74 107.8 93.4 140.0
44 6.9 5.0 7.6



#4
2-Fluorophenol
Concen: 4.40 ng
RT: 5.70 min Scan# 180
Delta R.T. -0.02 min
Lab File: BE091966.D
Acq: 5 Jul 2016 15:10

Tgt Ion: 112 Resp: 18861
Ion Ratio Lower Upper
112 100
64 67.6 53.7 80.5
63 36.3 29.5 44.3





#5

Phenol-d6

Concen: 4.84 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

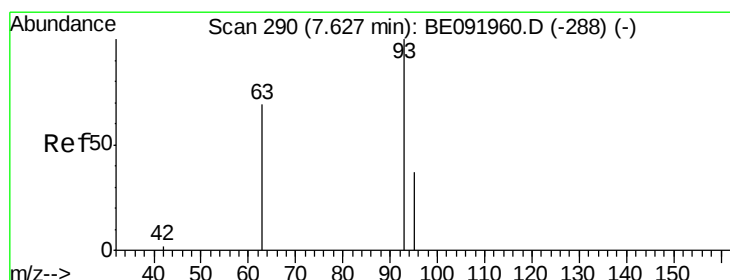
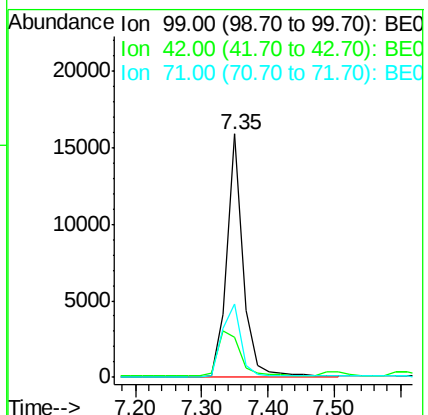
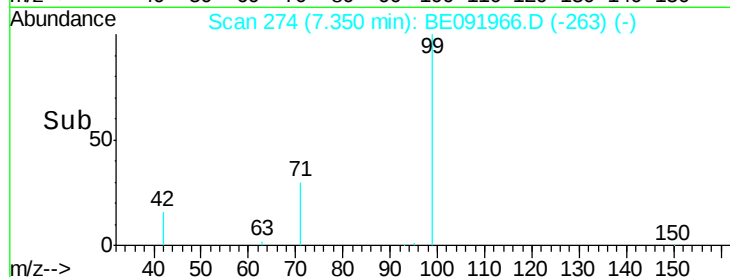
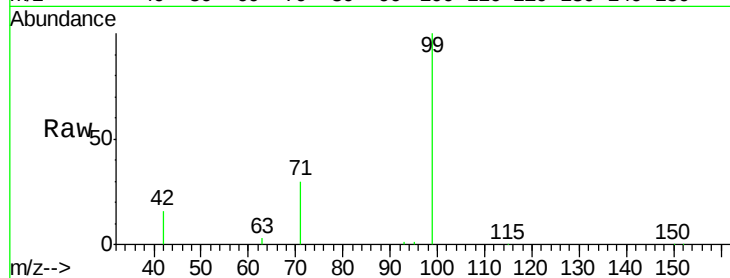
Tgt Ion: 99 Resp: 26946

Ion Ratio Lower Upper

99 100

42 25.0 19.6 29.4

71 35.6 28.1 42.1



#6

bis(2-Chloroethyl)ether

Concen: 3.57 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.02 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

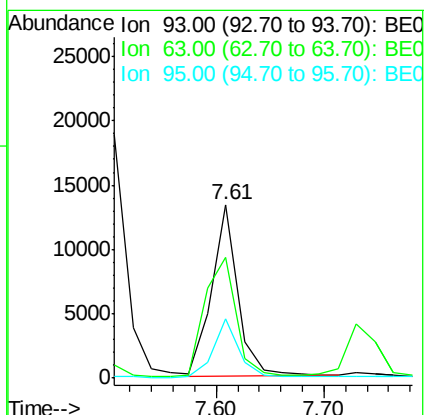
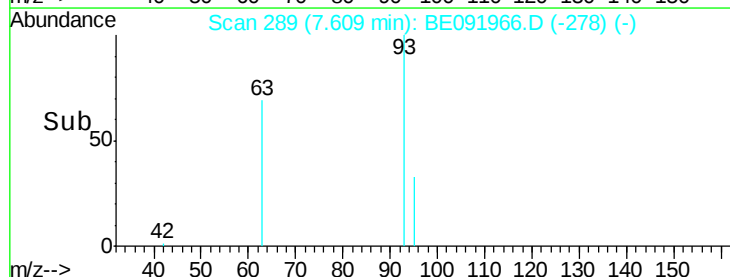
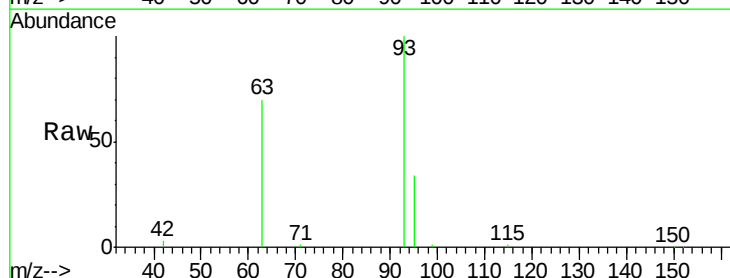
Tgt Ion: 93 Resp: 22442

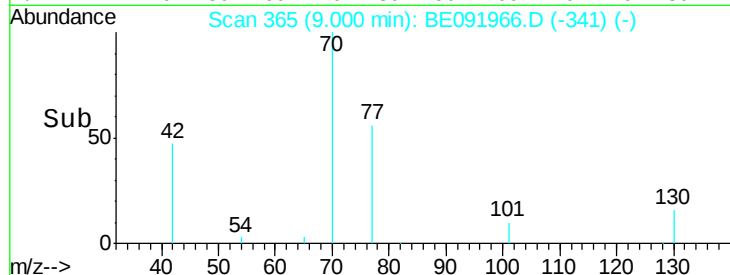
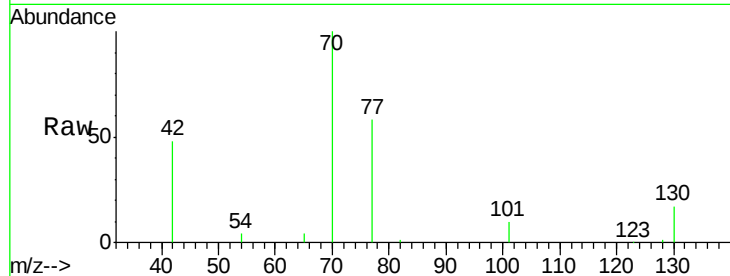
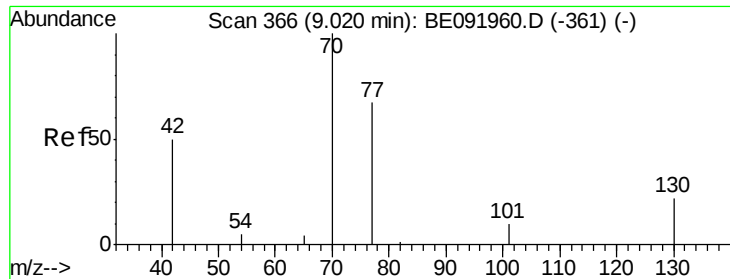
Ion Ratio Lower Upper

93 100

63 84.9 66.2 99.4

95 32.9 25.5 38.3





#7

n-Nitroso-di-n-propylamine

Concen: 4.21 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion: 70 Resp: 21028

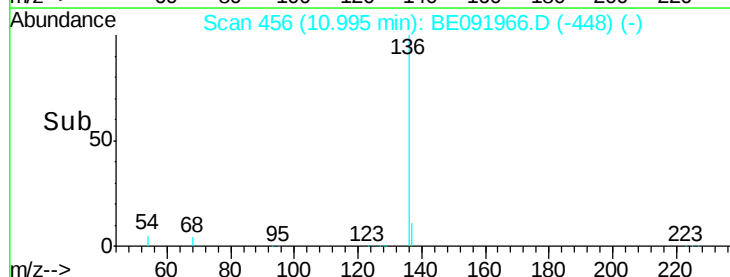
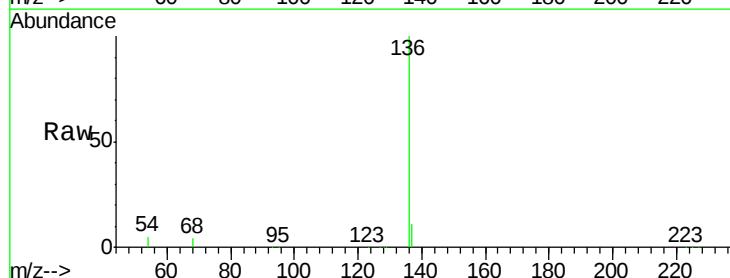
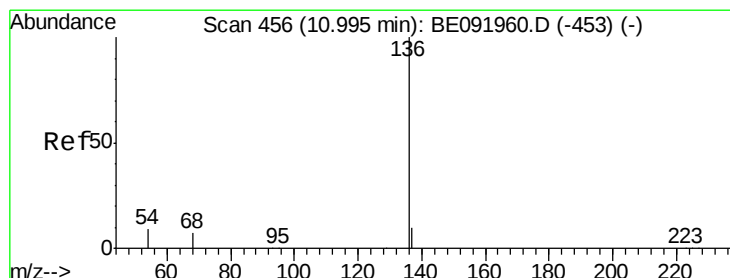
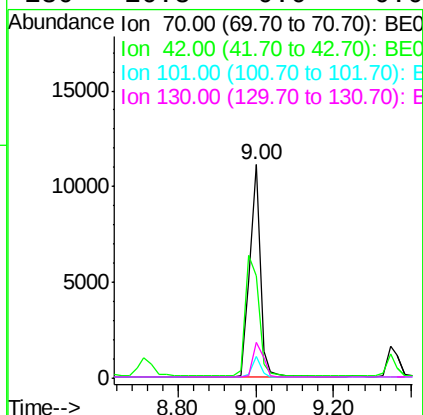
Ion Ratio Lower Upper

70 100

42 71.2 58.4 87.6

101 8.6 6.4 9.6

130 16.8 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Tgt Ion: 136 Resp: 109895

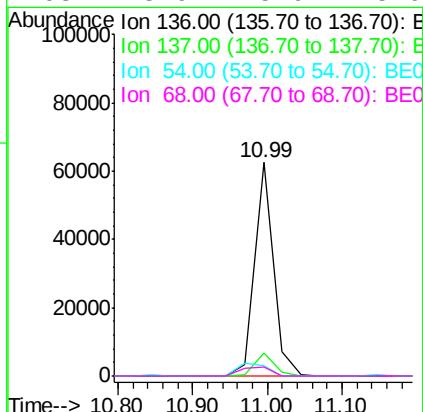
Ion Ratio Lower Upper

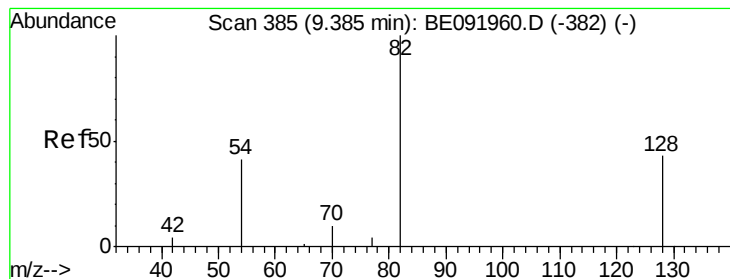
136 100

137 10.9 8.3 12.5

54 4.8 8.2 12.4#

68 3.9 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 3.46 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

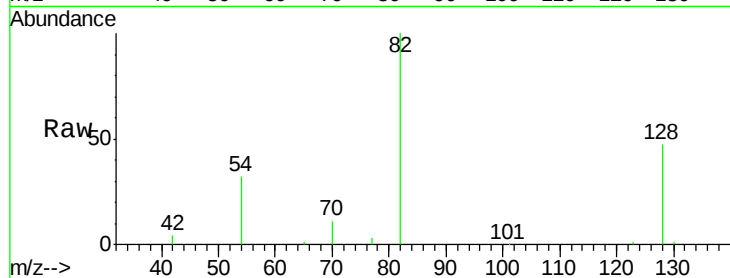
Tgt Ion: 82 Resp: 26220

Ion Ratio Lower Upper

82 100

128 46.9 39.5 59.3

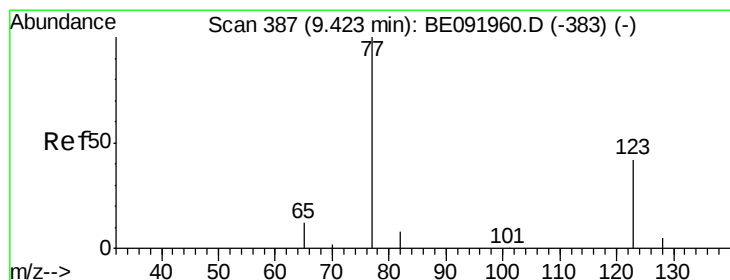
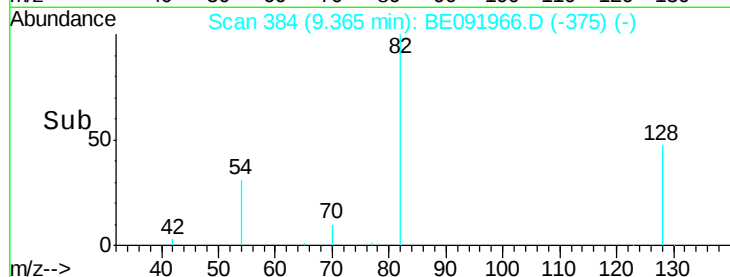
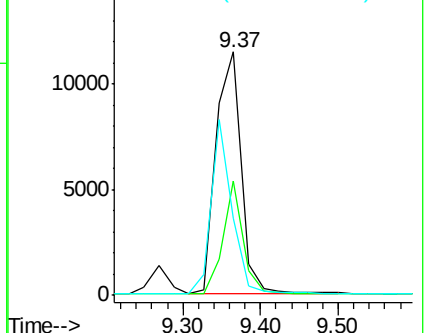
54 31.7 30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 3.88 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

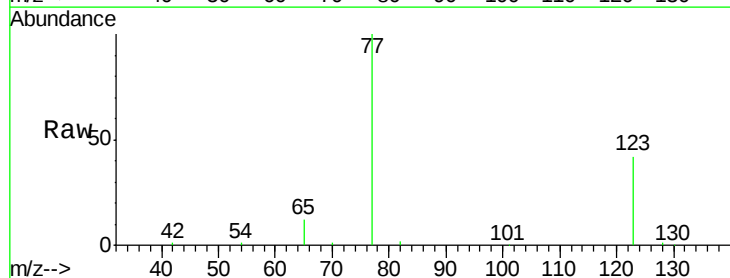
Tgt Ion: 77 Resp: 29274

Ion Ratio Lower Upper

77 100

123 38.4 0.0 0.0#

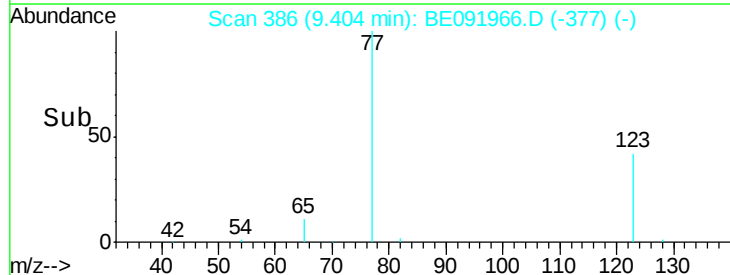
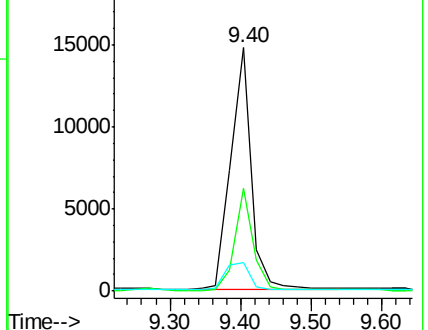
65 14.0 11.1 16.7

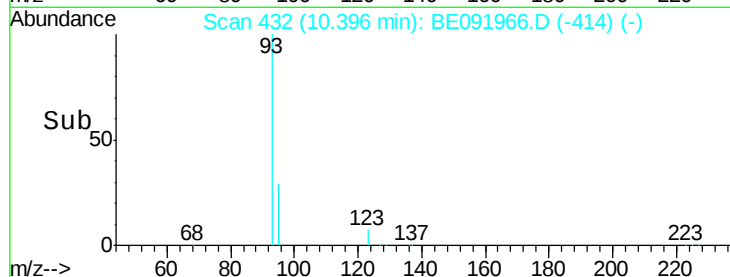
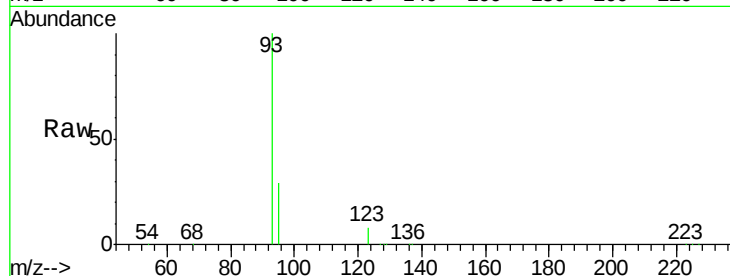
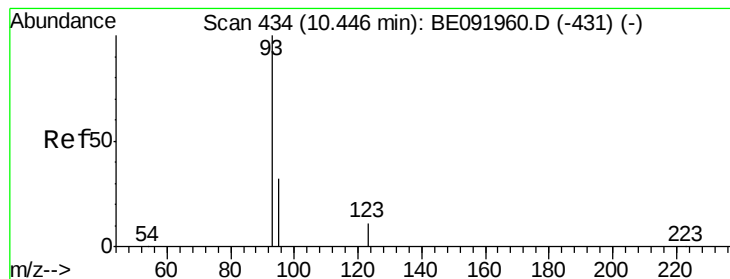


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#11

bis(2-Chloroethoxy)methane

Concen: 3.28 ng

RT: 10.40 min Scan# 432

Delta R.T. -0.05 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

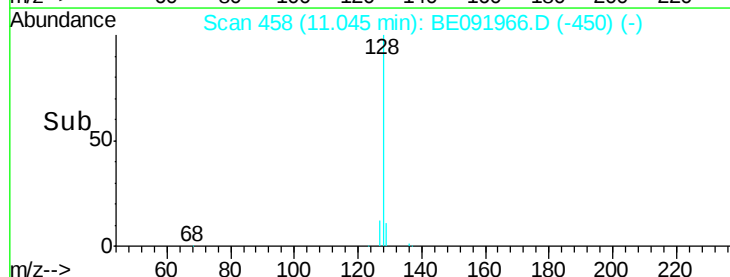
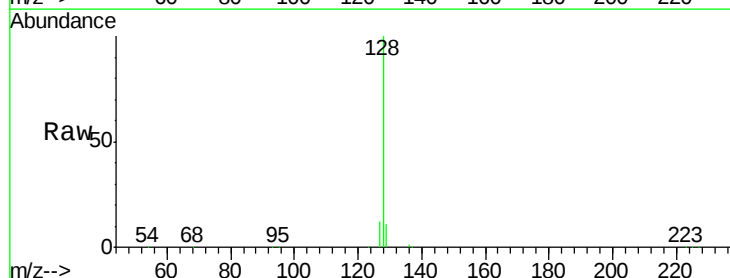
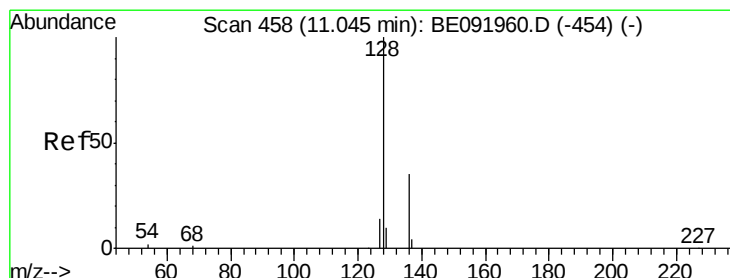
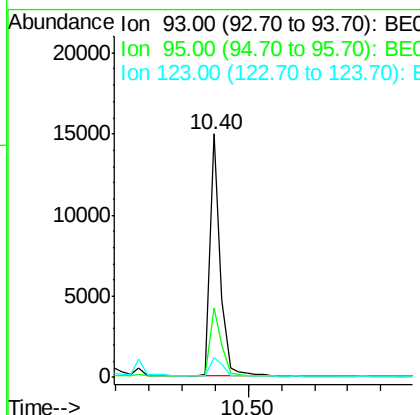
Tgt Ion: 93 Resp: 31525

Ion Ratio Lower Upper

93 100

95 31.7 57.6 86.4#

123 9.7 100.2 150.4#



#12

Naphthalene

Concen: 3.33 ng

RT: 11.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

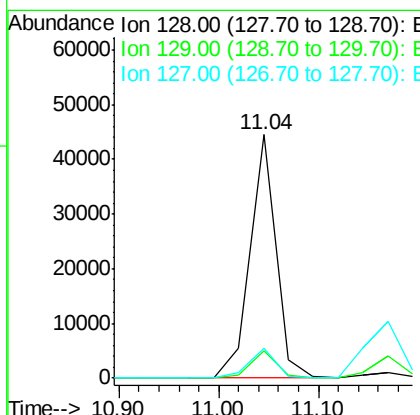
Tgt Ion: 128 Resp: 79965

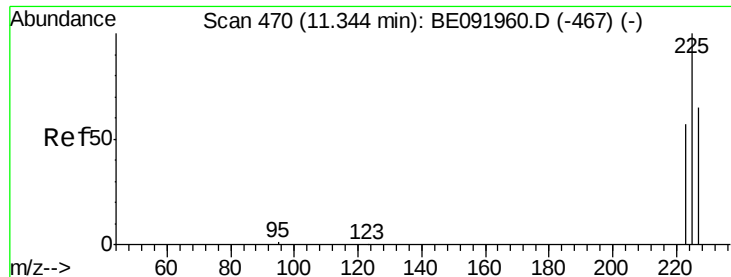
Ion Ratio Lower Upper

128 100

129 11.3 10.4 15.6

127 12.4 10.2 15.2

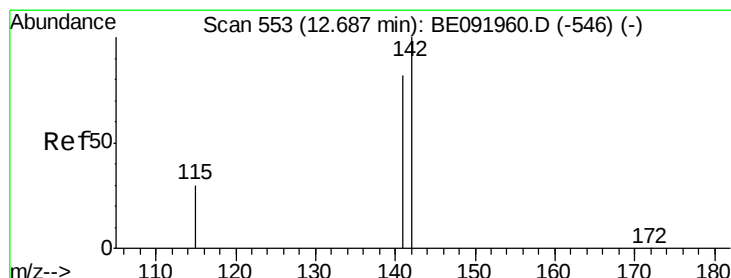
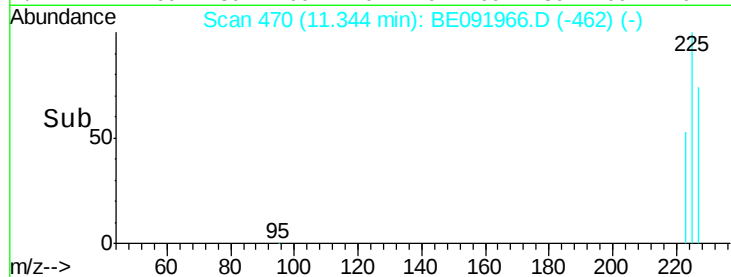
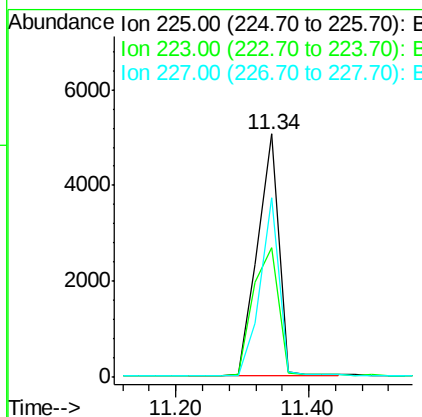
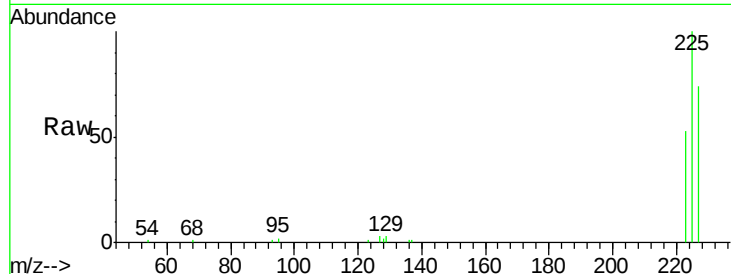




#13
Hexachlorobutadiene
Concen: 2.87 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091966.D
Acq: 5 Jul 2016 15:10

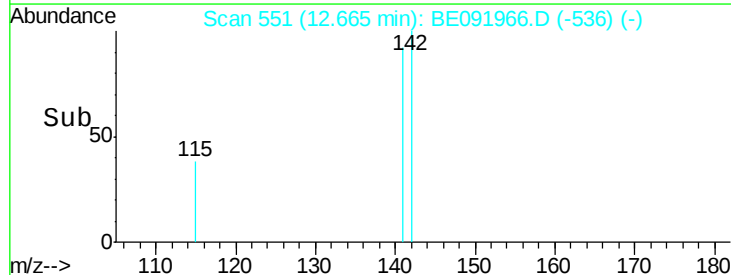
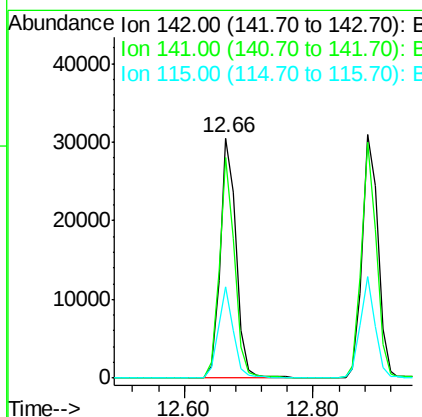
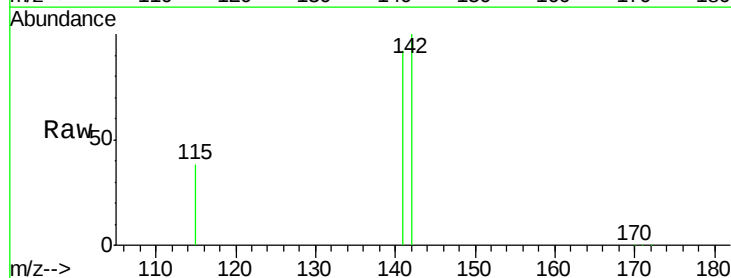
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

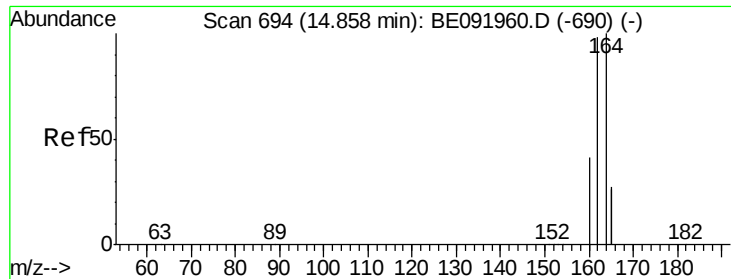
Tgt Ion: 225 Resp: 11153
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.8
227 65.5 50.6 75.8



#14
2-Methylnaphthalene
Concen: 3.23 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE091966.D
Acq: 5 Jul 2016 15:10

Tgt Ion: 142 Resp: 52639
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9
115 38.2 29.9 44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

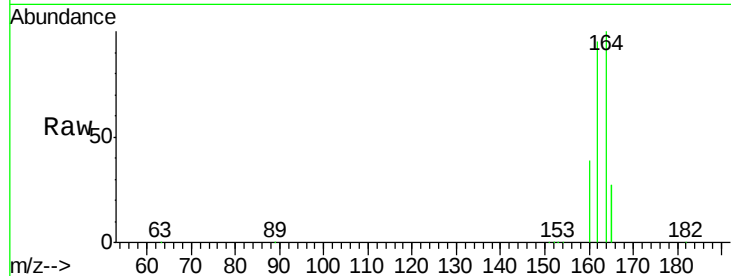
Tgt Ion:164 Resp: 81926

Ion Ratio Lower Upper

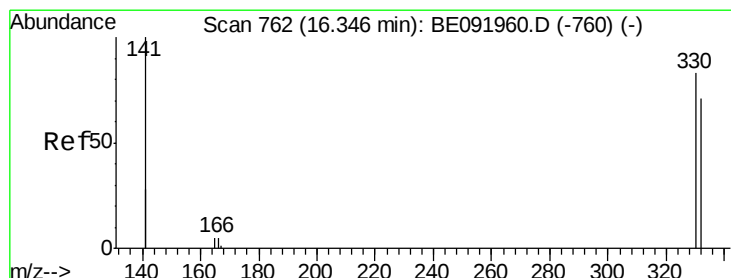
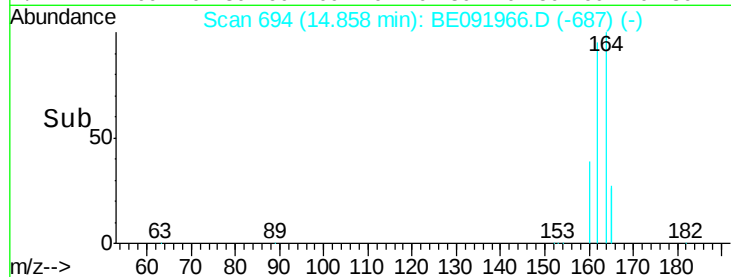
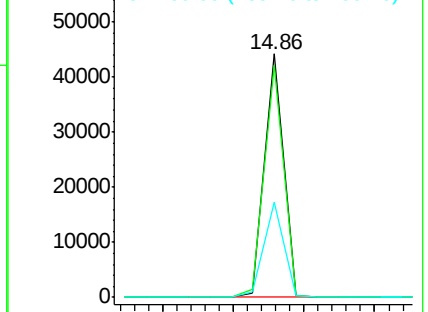
164 100

162 95.4 71.8 107.8

160 38.8 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: 5.65 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

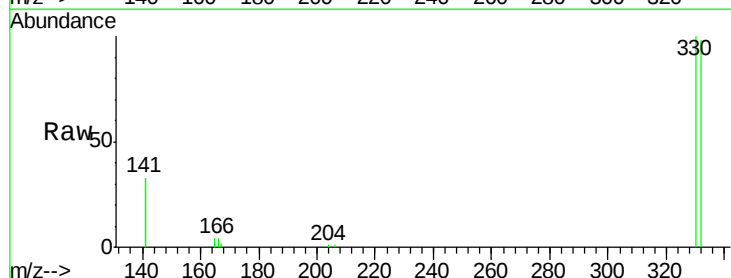
Tgt Ion:330 Resp: 9443

Ion Ratio Lower Upper

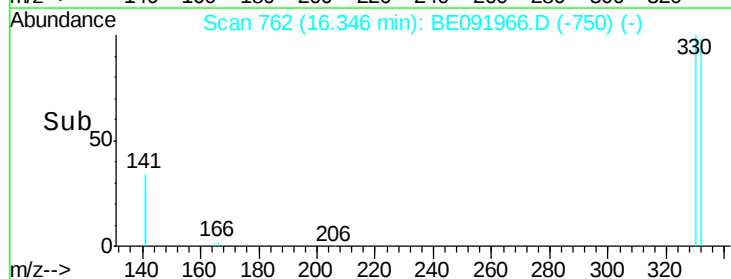
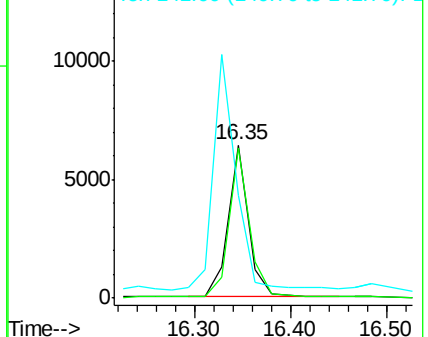
330 100

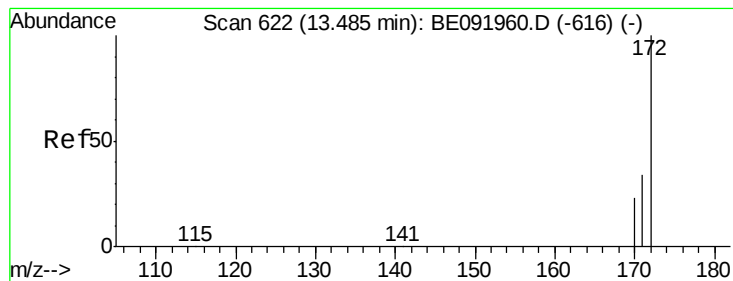
332 98.0 77.0 115.6

141 172.2 138.4 207.6



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

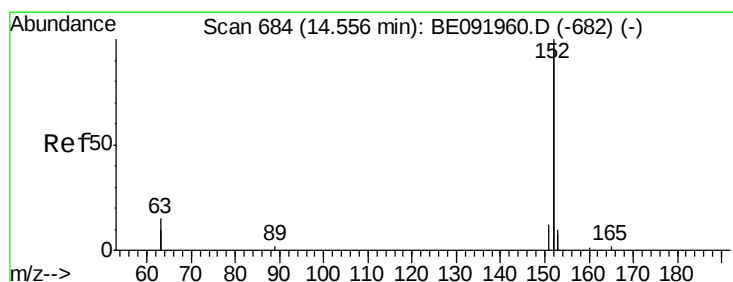
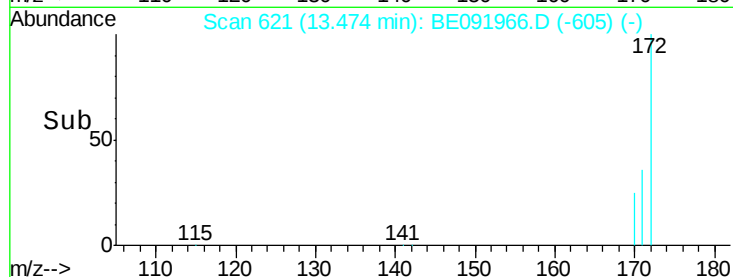
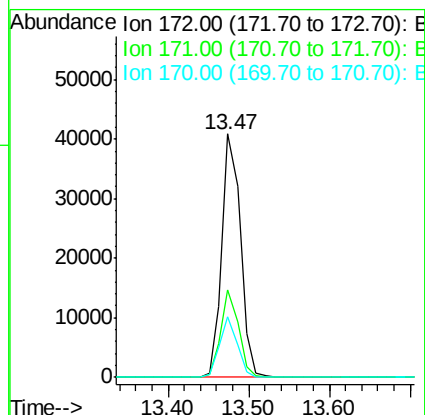
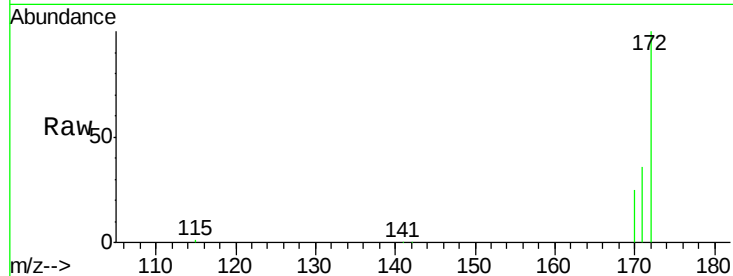




#17
2-Fluorobiphenyl
Concen: 3.14 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE091966.D
Acq: 5 Jul 2016 15:10

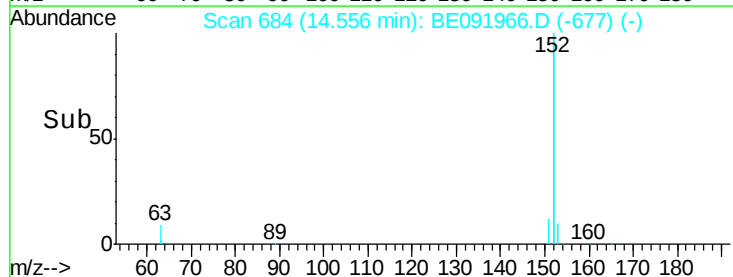
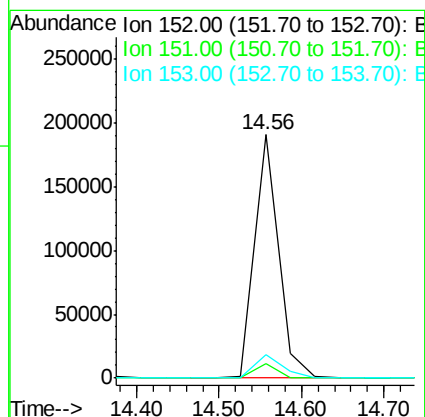
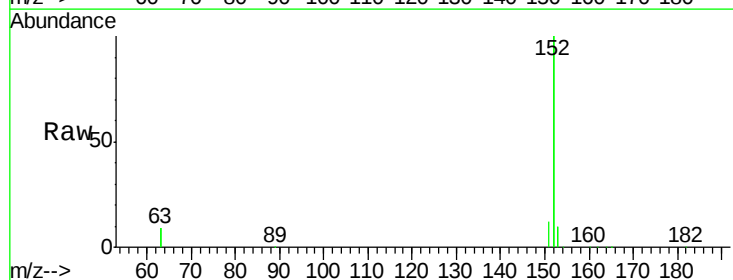
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

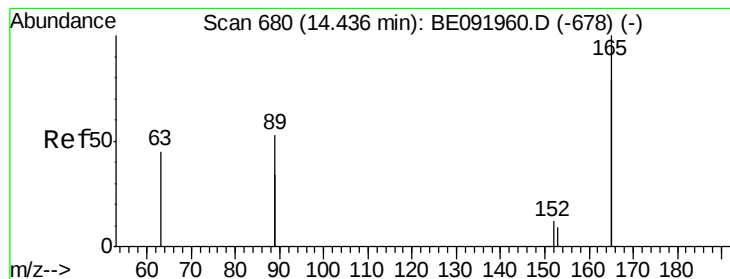
Tgt Ion:172 Resp: 65290
Ion Ratio Lower Upper
172 100
171 36.1 24.3 36.5
170 24.9 14.9 22.3#



#18
Acenaphthylene
Concen: 4.62 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091966.D
Acq: 5 Jul 2016 15:10

Tgt Ion:152 Resp: 384390
Ion Ratio Lower Upper
152 100
151 5.6 19.4 29.2#
153 11.1 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 5.96 ng

RT: 14.44 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

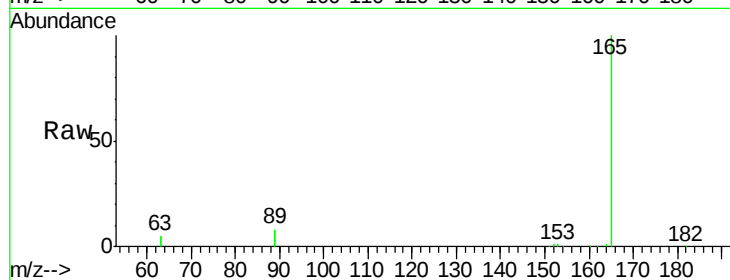
Tgt Ion:165 Resp: 79236

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

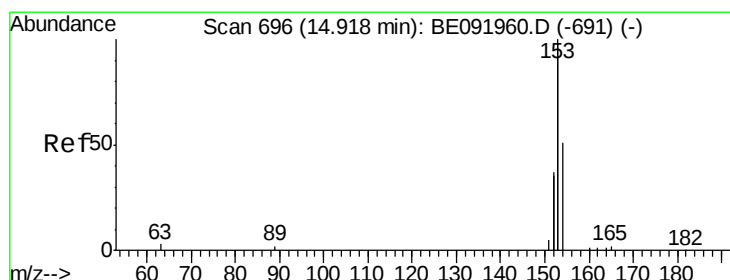
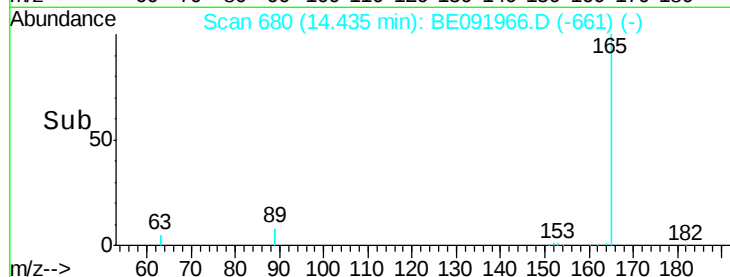
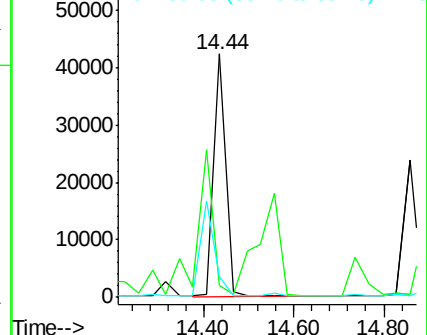
89 0.0 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



#20

Acenaphthene

Concen: 2.98 ng

RT: 14.92 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

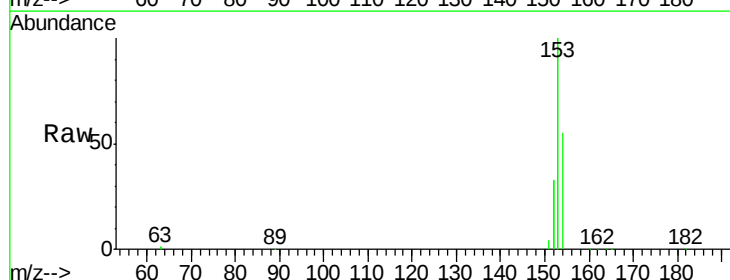
Tgt Ion:154 Resp: 68210

Ion Ratio Lower Upper

154 100

153 370.4 88.1 132.1#

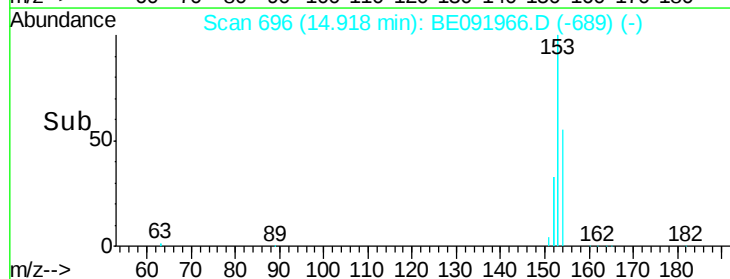
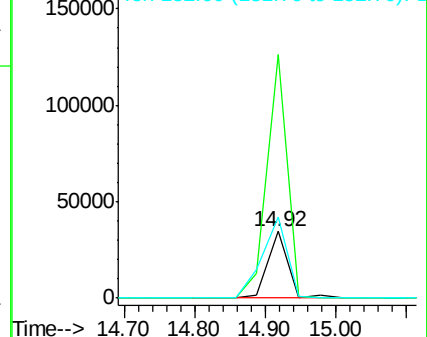
152 149.8 44.2 66.2#

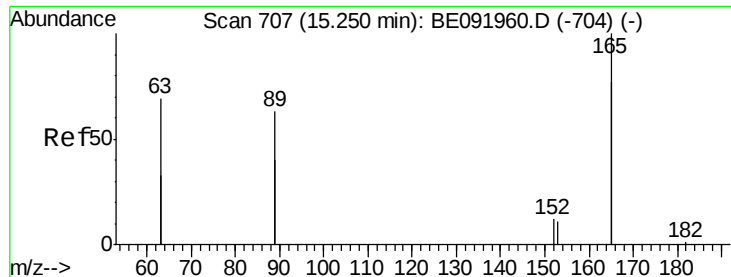


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#21

2,4-Dinitrotoluene

Concen: 6.79 ng

RT: 15.22 min Scan# 706

Delta R.T. -0.03 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:165 Resp: 84332

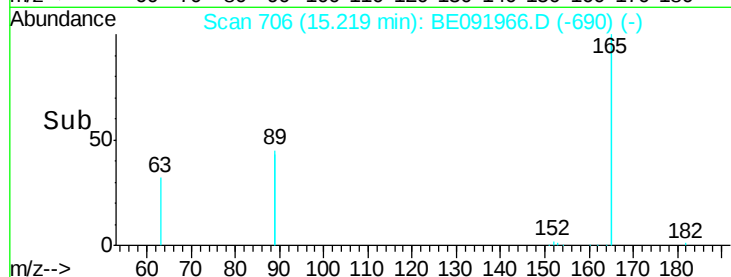
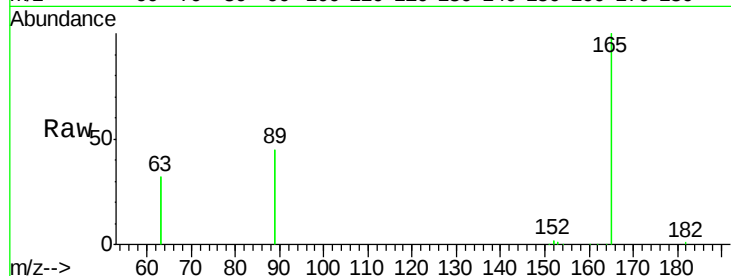
Ion Ratio Lower Upper

165 100

63 63.5 0.0 0.0#

89 72.1 99.8 149.8#

182 0.5 0.0 0.0#

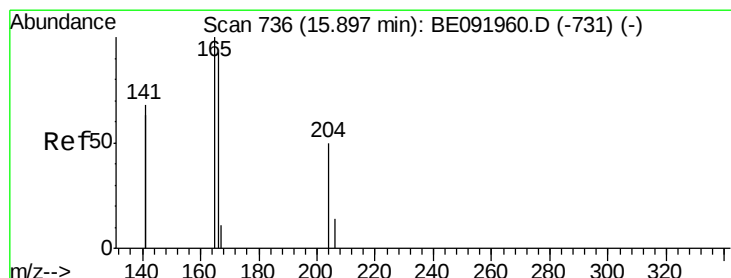
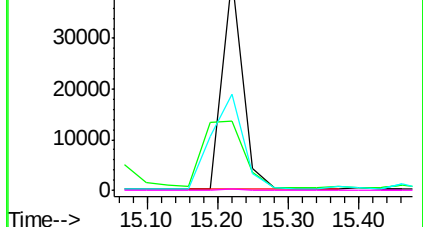


Abundance Ion 165.00 (164.70 to 165.70): E

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: 3.50 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

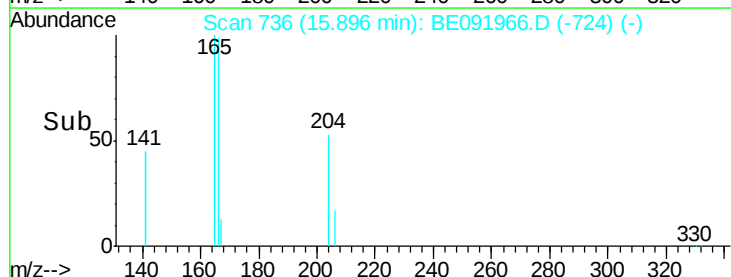
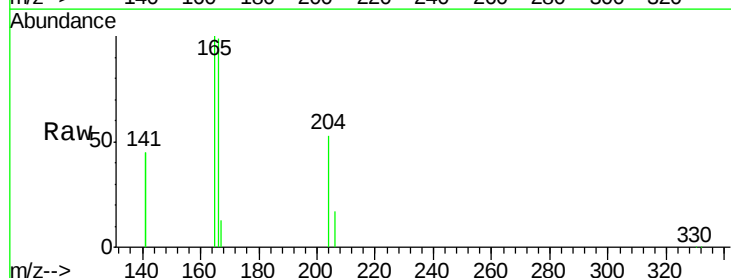
Tgt Ion:166 Resp: 79719

Ion Ratio Lower Upper

166 100

165 98.3 78.6 117.8

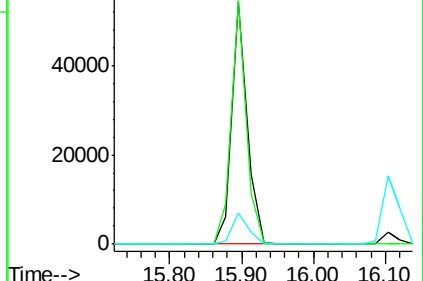
167 13.6 10.8 16.2

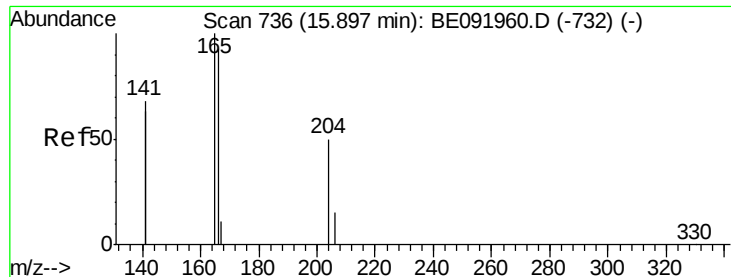


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

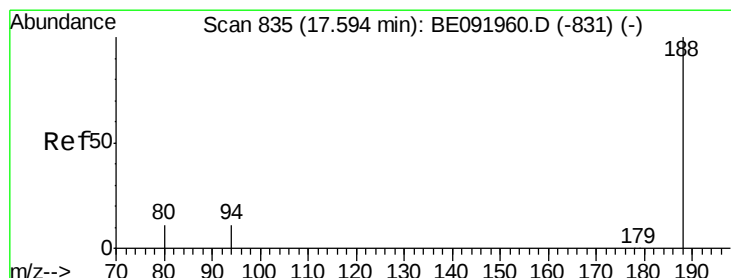
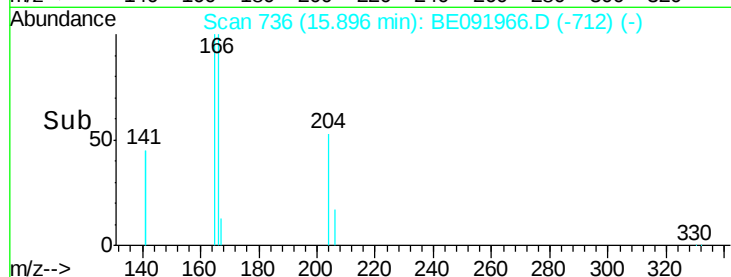
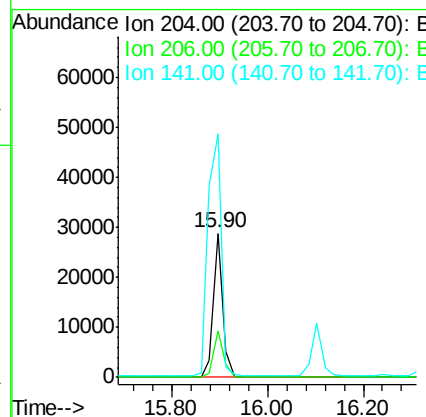
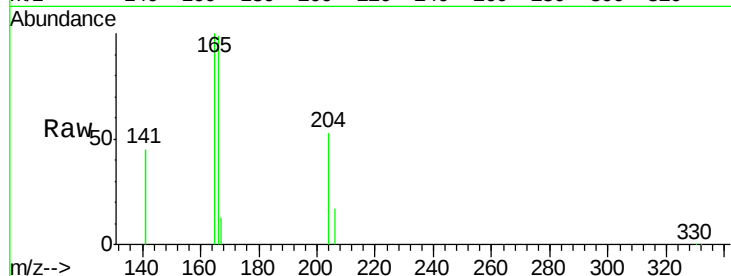




#23
 4-Chlorophenyl-phenylether
 Concen: 3.48 ng
 RT: 15.90 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BE091966.D
 Acq: 5 Jul 2016 15:10

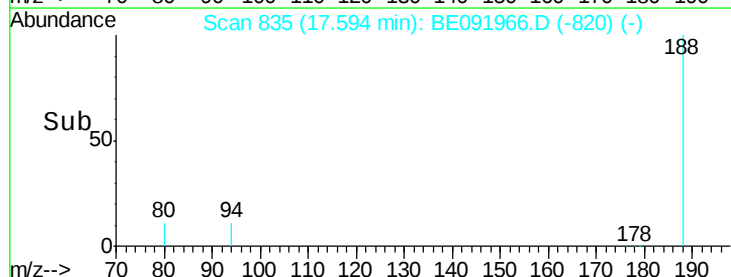
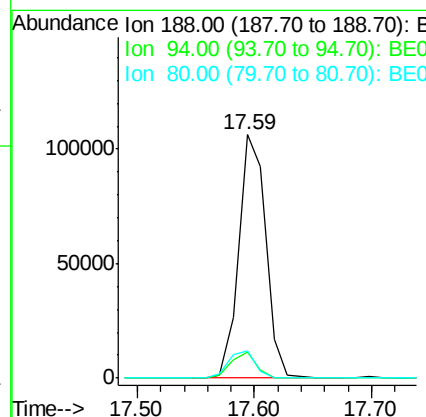
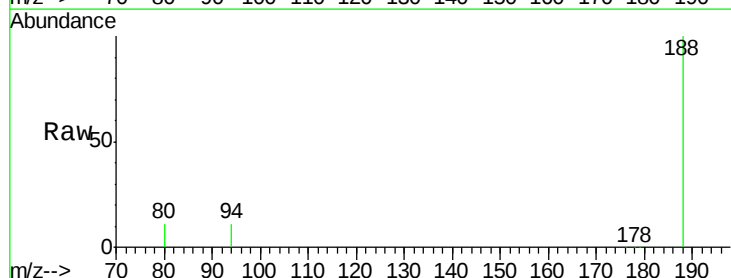
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

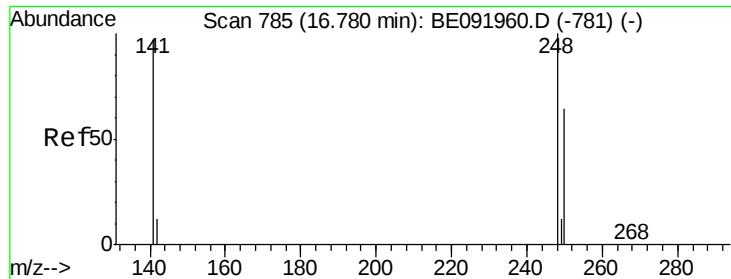
Tgt Ion:204 Resp: 39107
 Ion Ratio Lower Upper
 204 100
 206 33.4 27.8 41.6
 141 239.6 197.6 296.4



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BE091966.D
 Acq: 5 Jul 2016 15:10

Tgt Ion:188 Resp: 170980
 Ion Ratio Lower Upper
 188 100
 94 10.8 4.1 6.1#
 80 11.0 3.4 5.2#

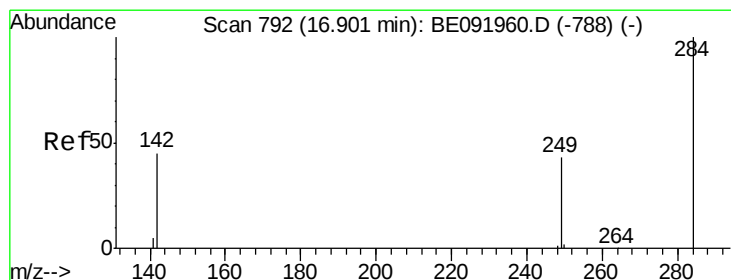
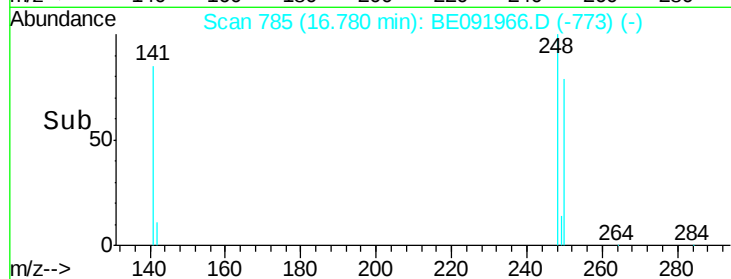
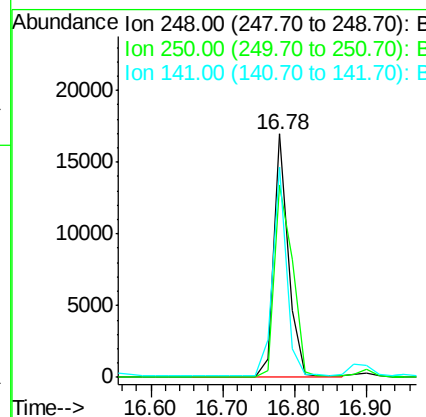
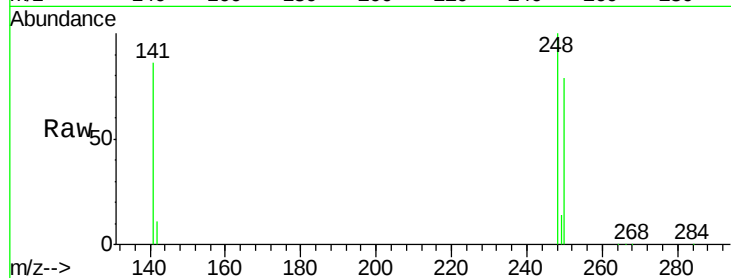




#25
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE091966.D
Acq: 5 Jul 2016 15:10

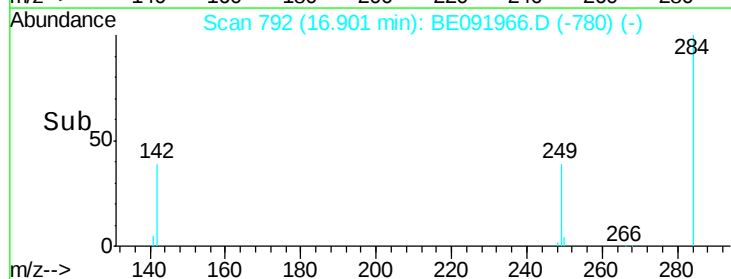
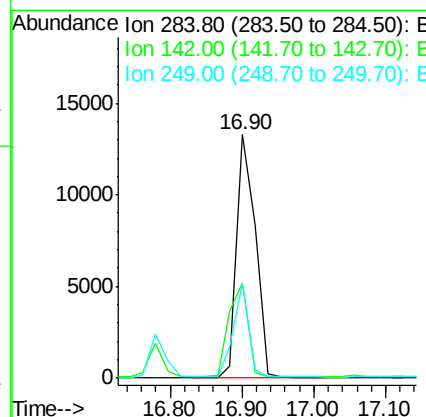
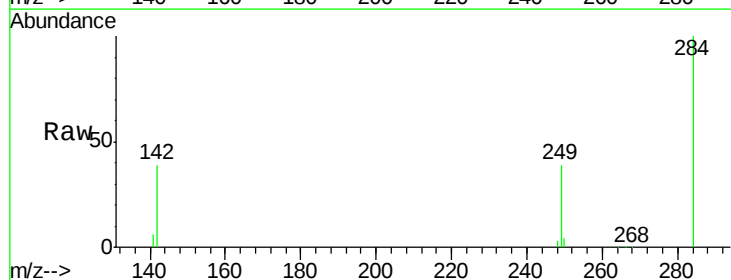
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

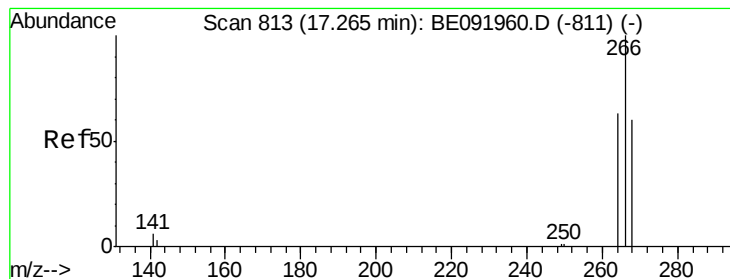
Tgt Ion:248 Resp: 23975
Ion Ratio Lower Upper
248 100
250 97.0 75.7 113.5
141 83.0 64.6 97.0



#26
Hexachlorobenzene
Concen: 3.43 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE091966.D
Acq: 5 Jul 2016 15:10

Tgt Ion:284 Resp: 23244
Ion Ratio Lower Upper
284 100
142 40.0 31.4 47.2
249 32.5 25.3 37.9





#27

Pentachlorophenol

Concen: 5.76 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

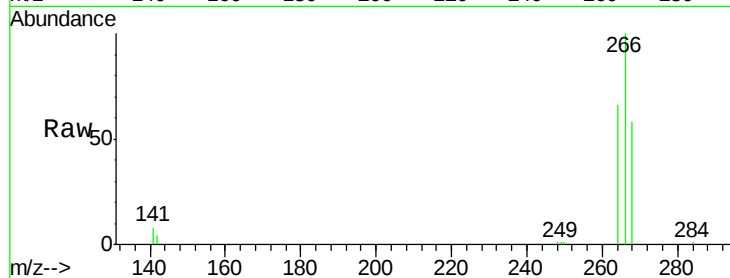
Tgt Ion:266 Resp: 10690

Ion Ratio Lower Upper

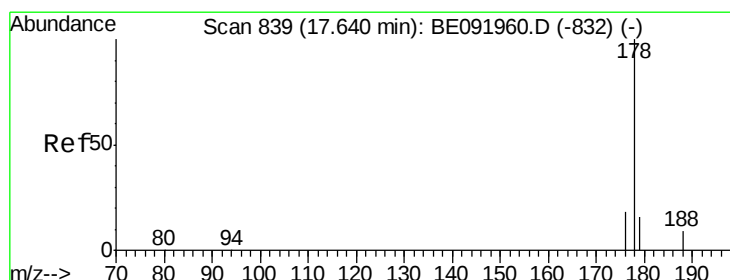
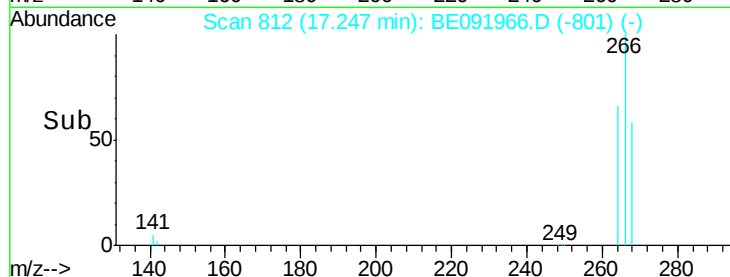
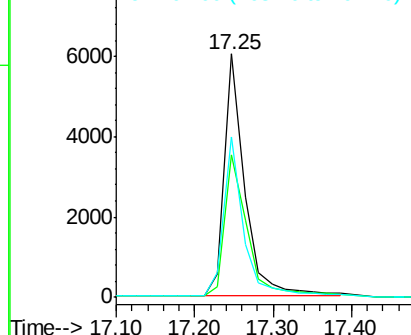
266 100

268 58.3 60.5 90.7#

264 66.1 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: 3.30 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

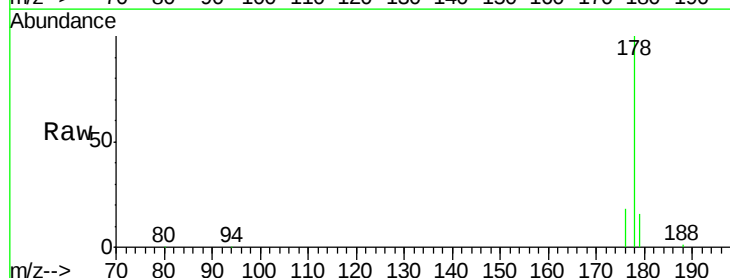
Tgt Ion:178 Resp: 141232

Ion Ratio Lower Upper

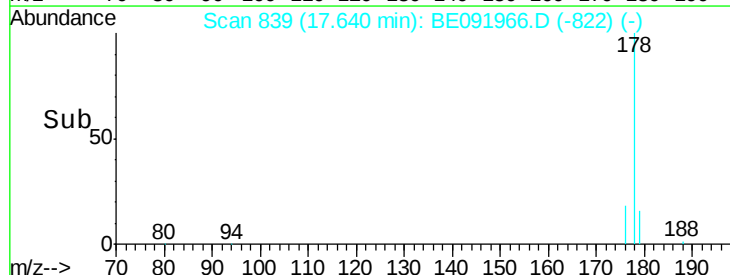
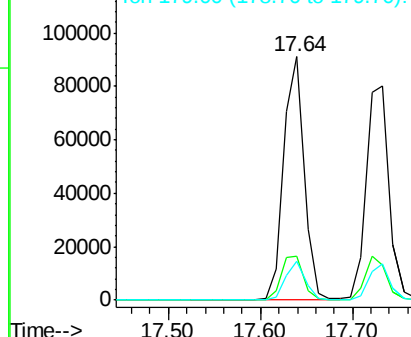
178 100

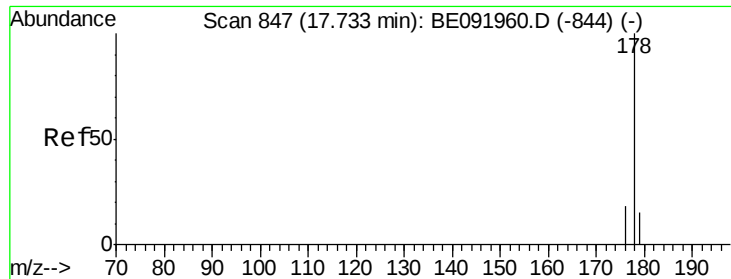
176 19.6 15.4 23.2

179 15.4 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: 3.67 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

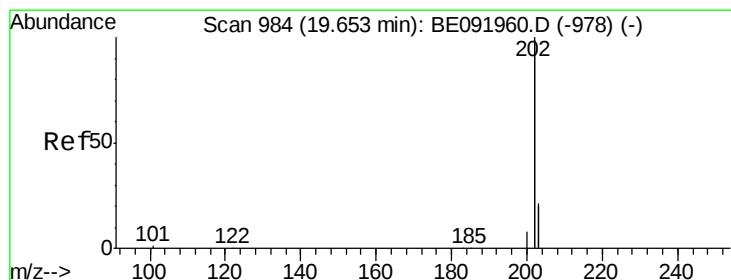
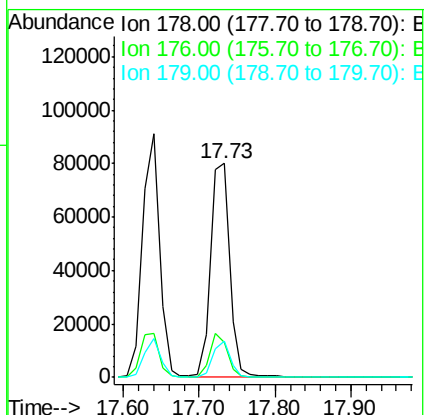
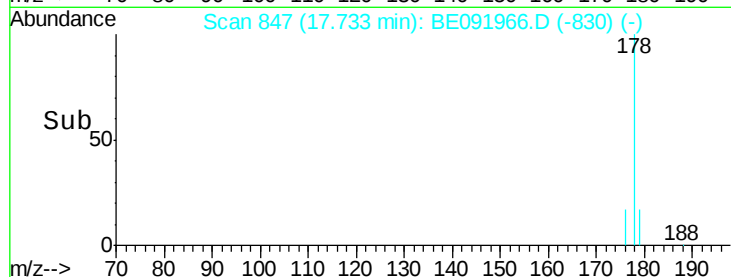
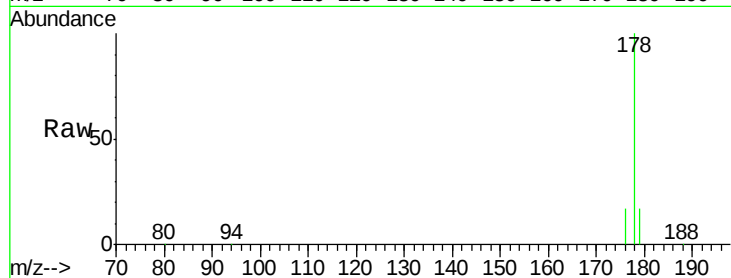
Tgt Ion:178 Resp: 138918

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.5 12.1 18.1



#30

Fluoranthene

Concen: 3.52 ng

RT: 19.65 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

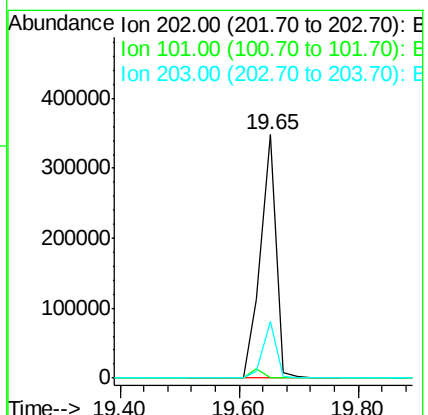
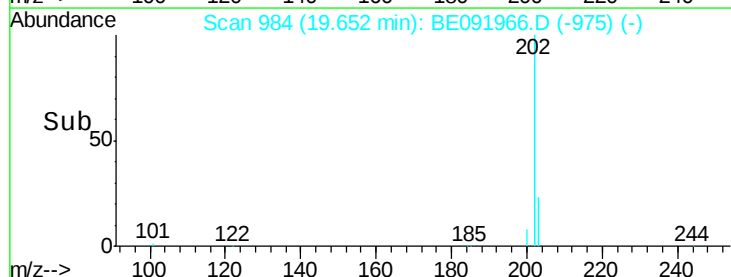
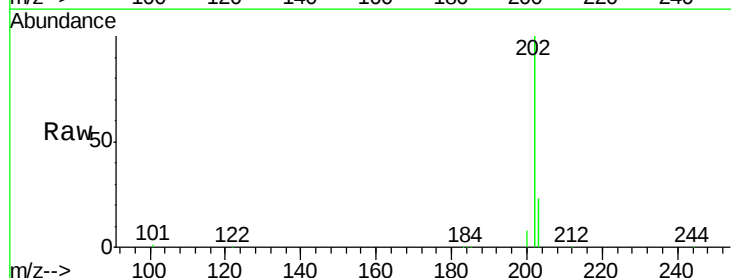
Tgt Ion:202 Resp: 645299

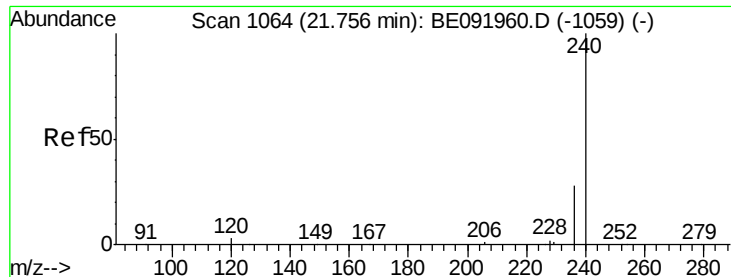
Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

203 19.6 14.3 21.5





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

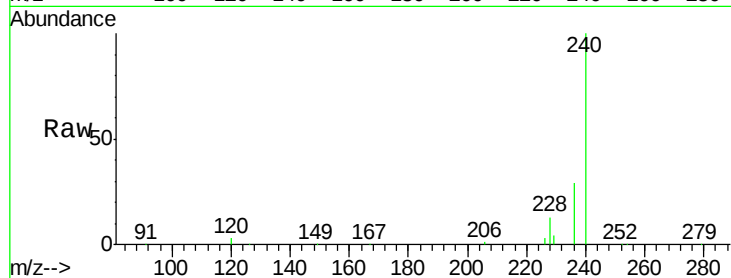
Tgt Ion:240 Resp: 278153

Ion Ratio Lower Upper

240 100

120 2.8 1.2 1.8#

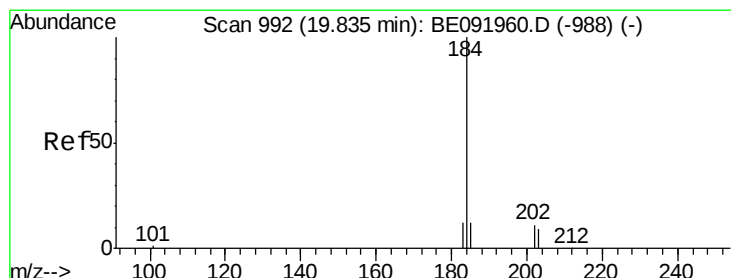
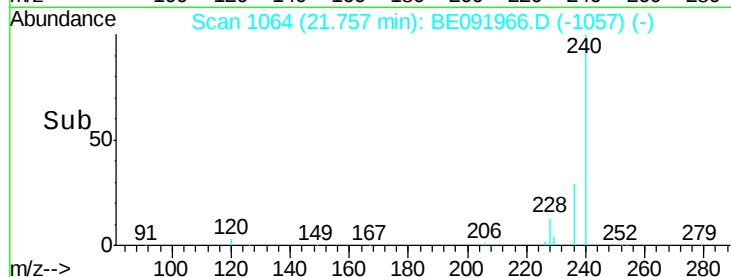
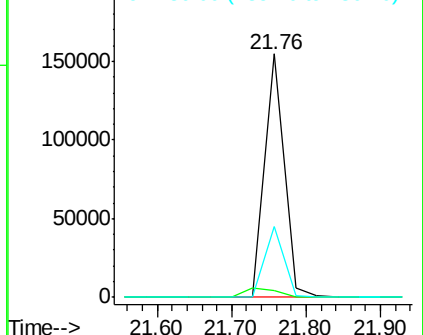
236 28.9 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#32

Benzidine

Concen: 7.65 ng

RT: 19.83 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

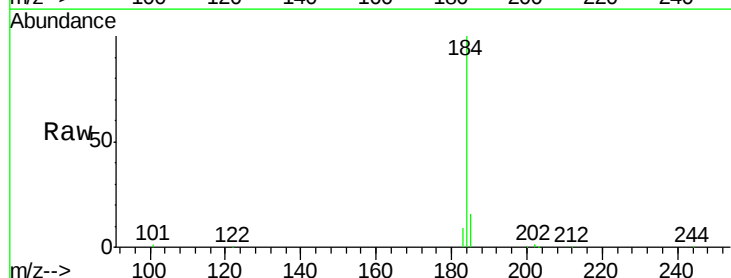
Tgt Ion:184 Resp: 72171

Ion Ratio Lower Upper

184 100

185 16.1 11.4 17.2

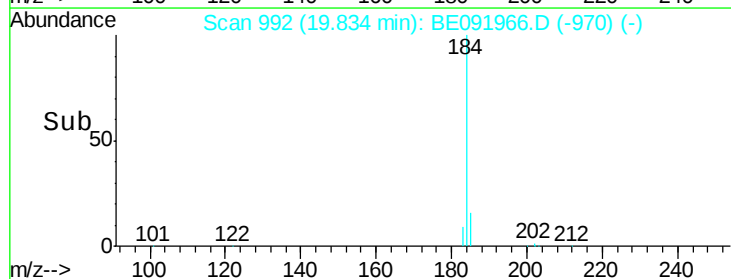
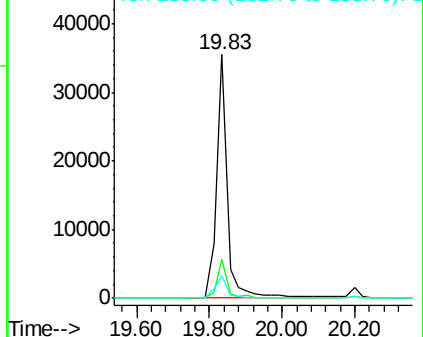
183 9.1 11.8 17.6#

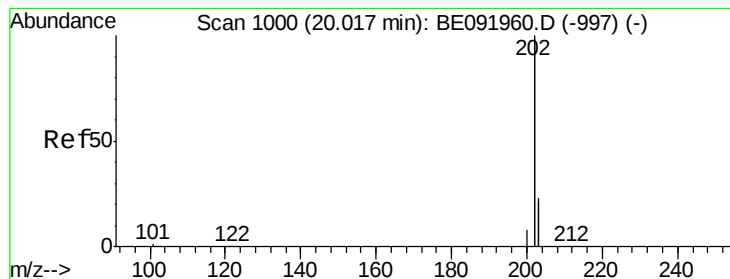


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 3.50 ng

RT: 20.02 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

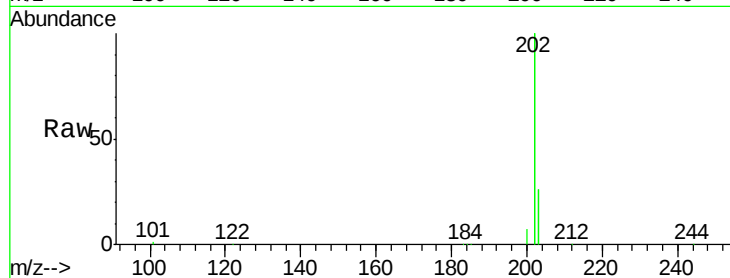
Tgt Ion:202 Resp: 662416

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

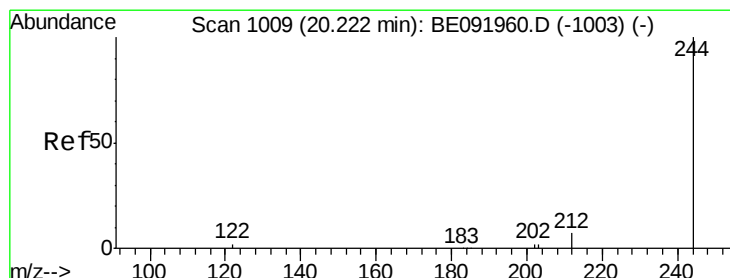
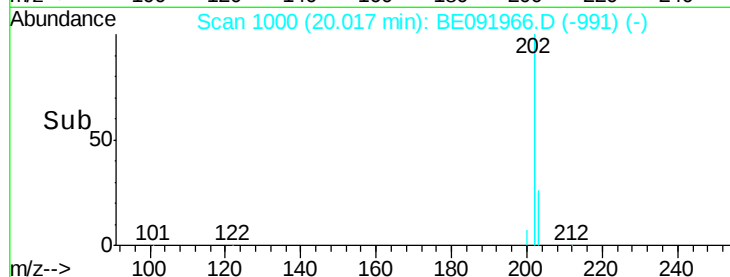
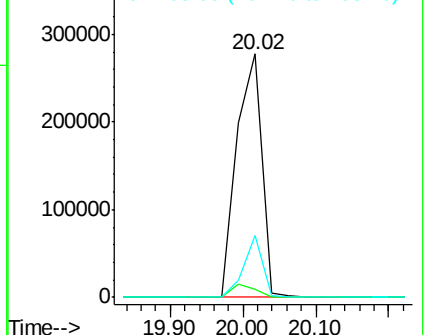
203 18.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 3.34 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

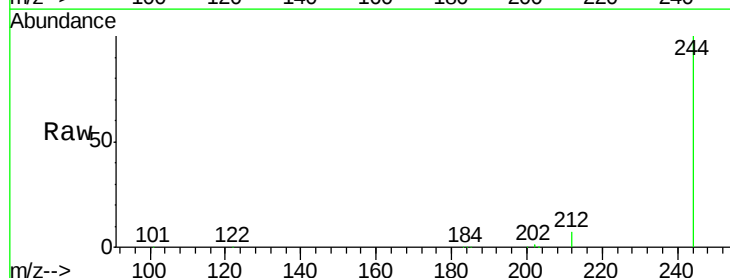
Tgt Ion:244 Resp: 113910

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

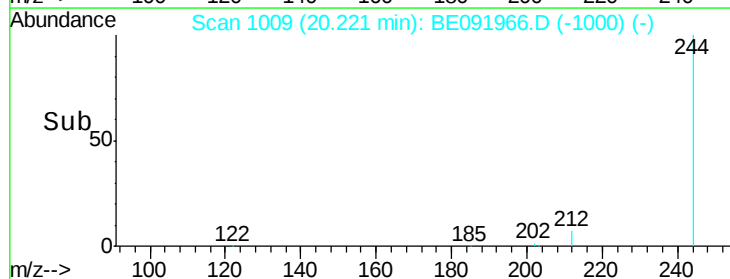
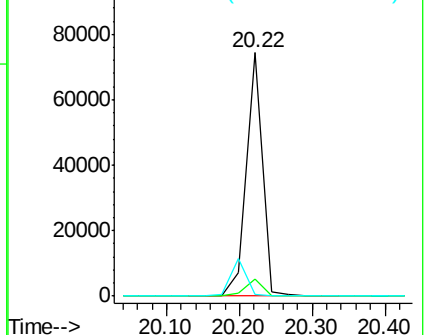
122 0.5 2.9 4.3#

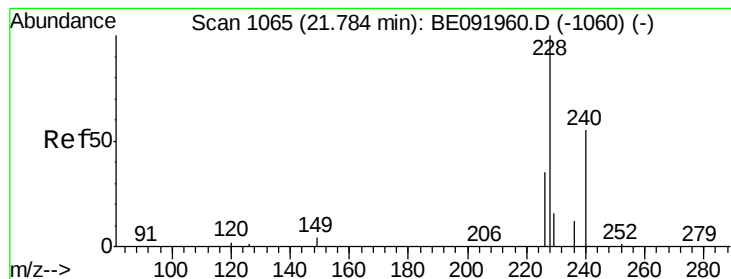


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 7.80 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

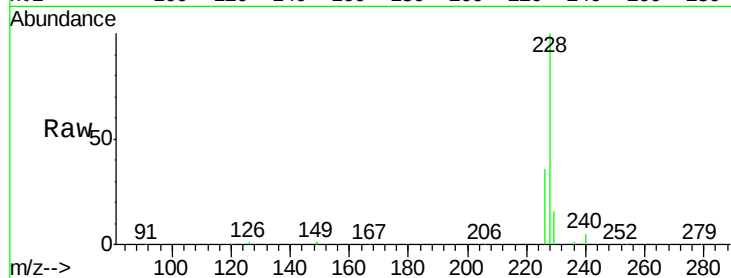
Tgt Ion:228 Resp: 341042

Ion Ratio Lower Upper

228 100

226 35.6 21.0 31.4#

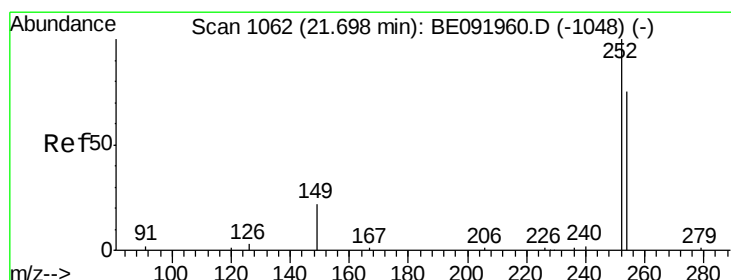
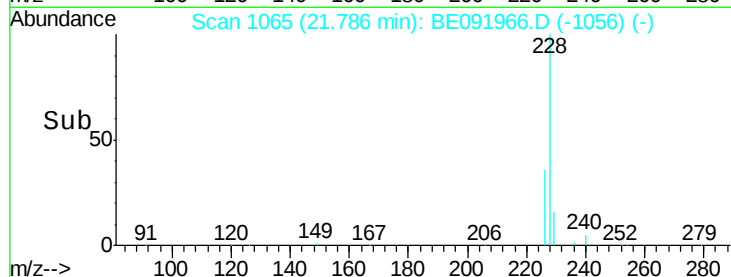
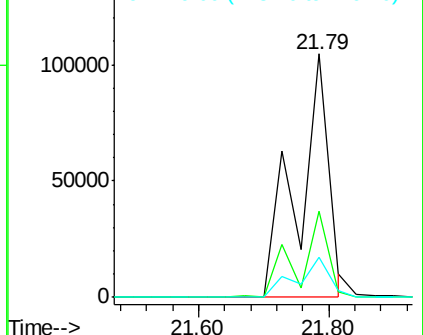
229 16.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#36

3,3'-Dichlorobenzidine

Concen: 5.57 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

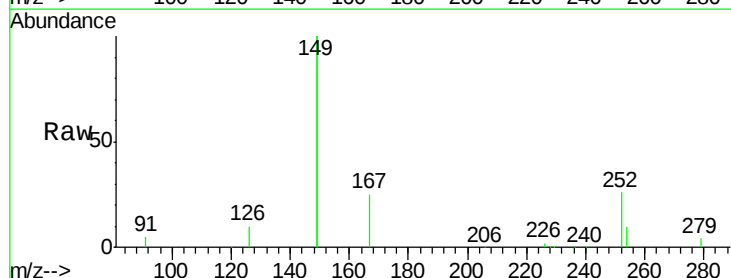
Tgt Ion:252 Resp: 39461

Ion Ratio Lower Upper

252 100

254 38.7 61.5 92.3#

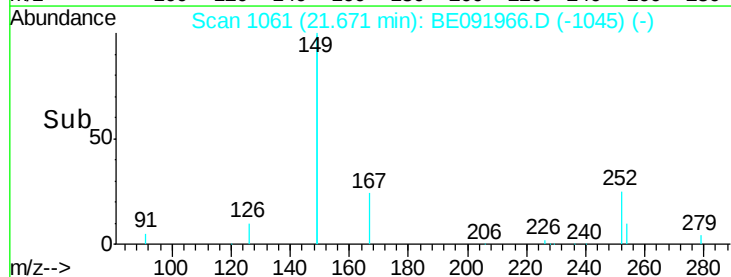
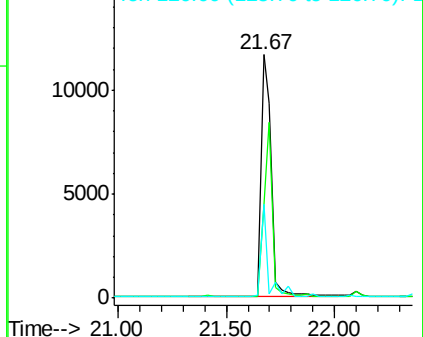
126 38.4 2.5 3.7#

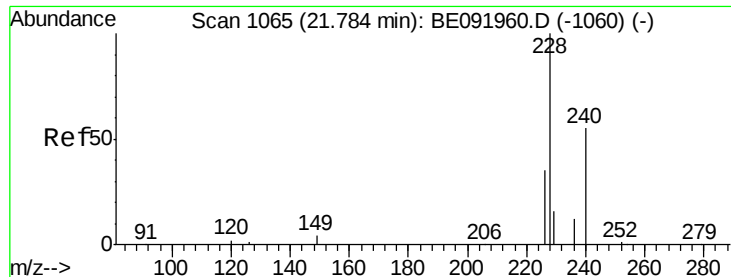


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 5.40 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampled :

SSTDICC3.2

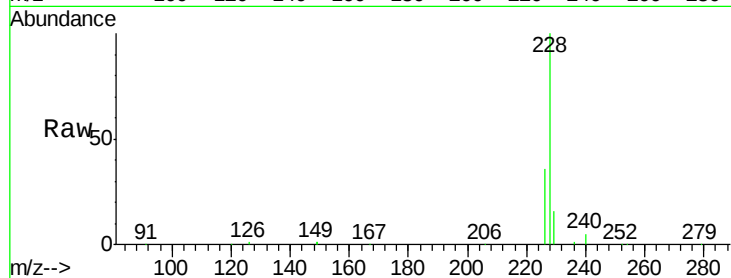
Tgt Ion:228 Resp: 344431

Ion Ratio Lower Upper

228 100

226 35.6 27.0 40.6

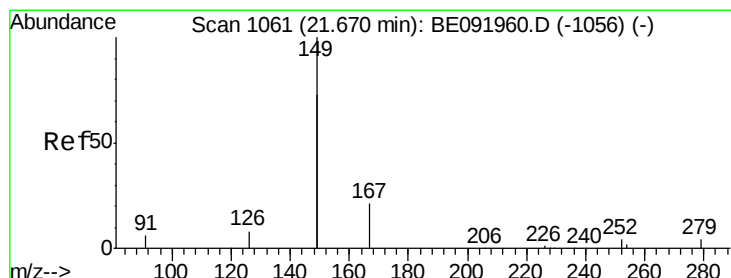
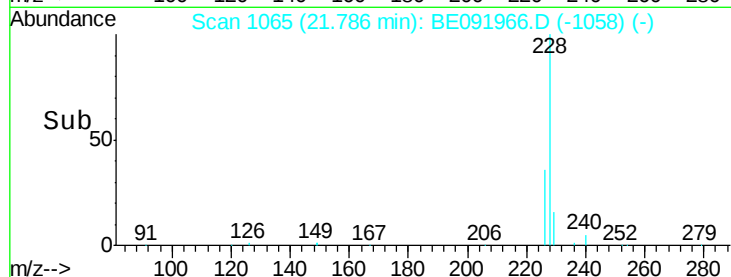
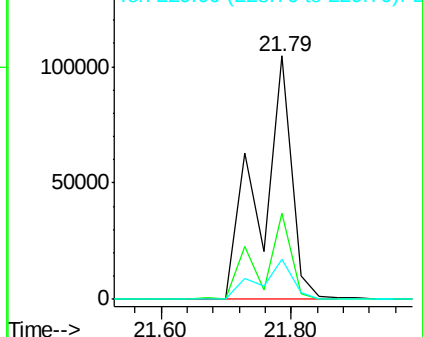
229 16.3 13.8 20.8



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: 6.54 ng

RT: 21.67 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

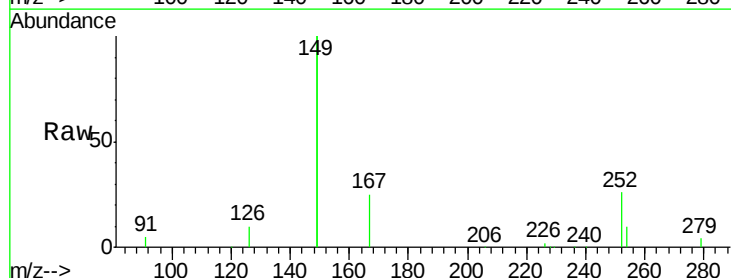
Tgt Ion:149 Resp: 211159

Ion Ratio Lower Upper

149 100

167 9.8 0.0 0.0#

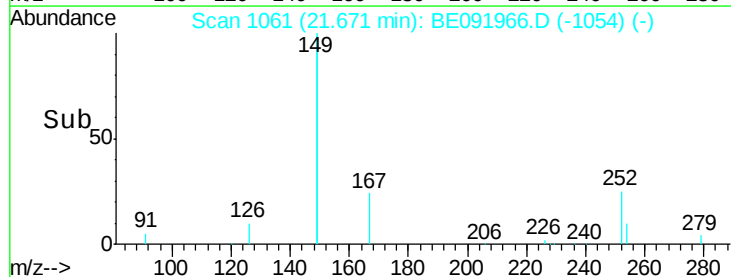
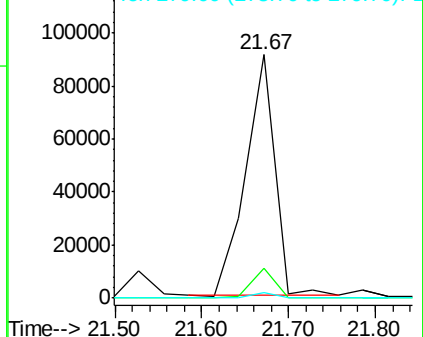
279 1.5 0.0 0.0#

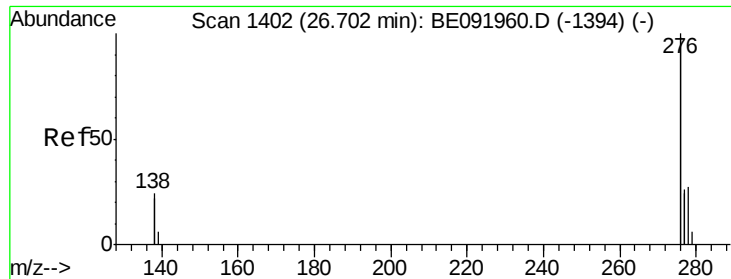


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.91 ng

RT: 26.70 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

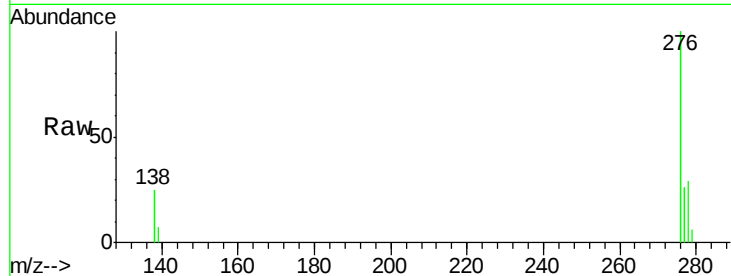
Tgt Ion:276 Resp: 853128

Ion Ratio Lower Upper

276 100

138 26.1 19.7 29.5

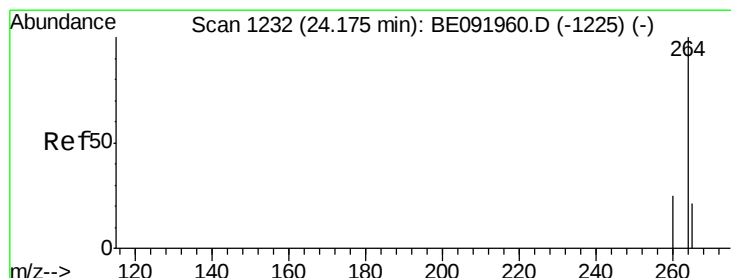
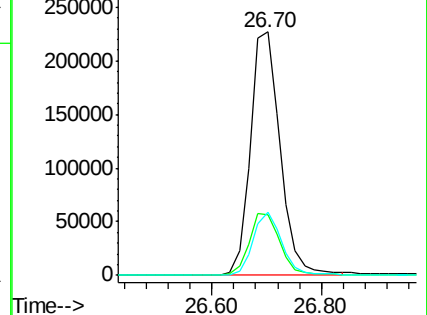
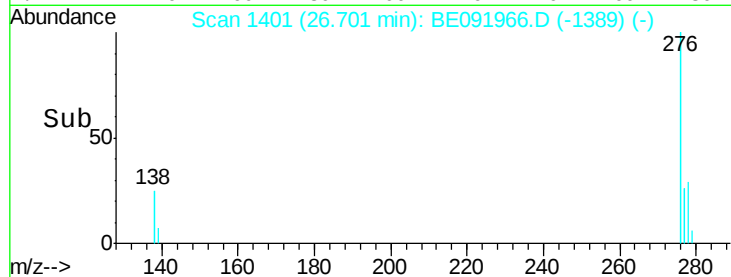
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.17 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

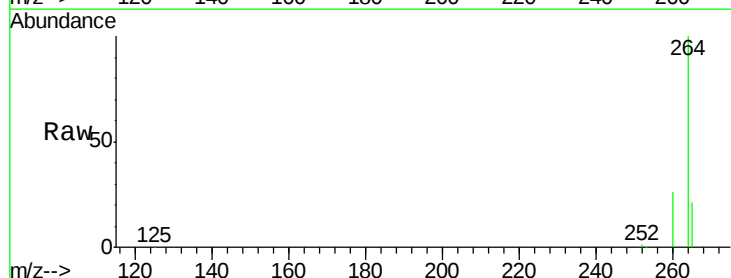
Tgt Ion:264 Resp: 218967

Ion Ratio Lower Upper

264 100

260 26.0 20.3 30.5

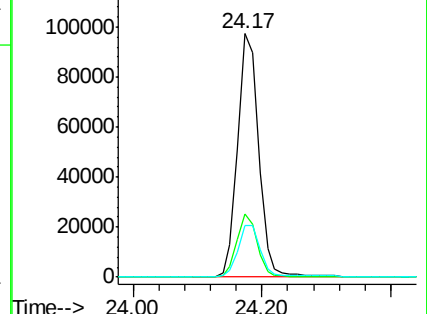
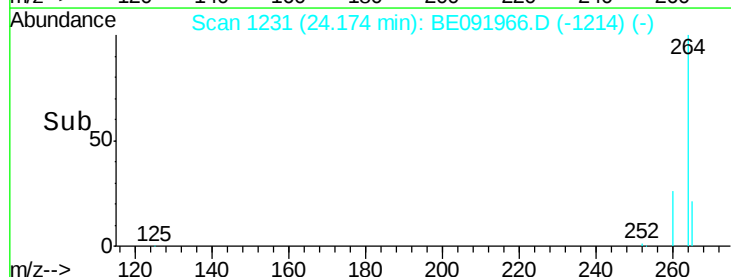
265 21.0 17.6 26.4

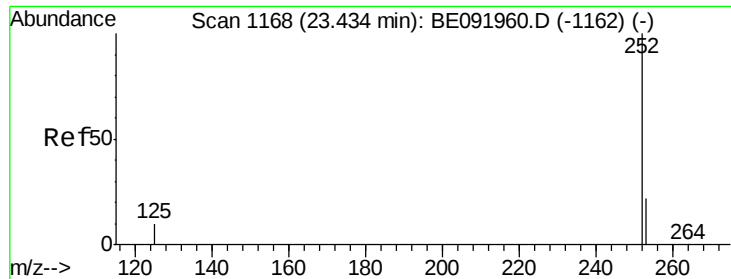


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 3.50 ng

RT: 23.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

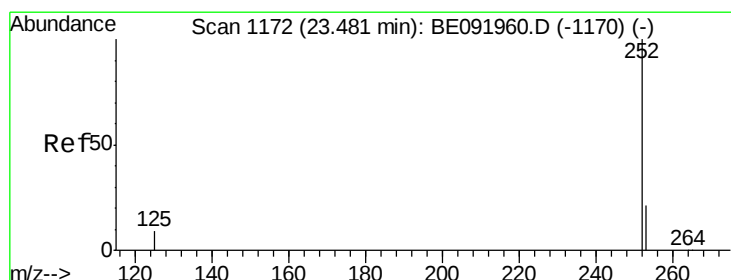
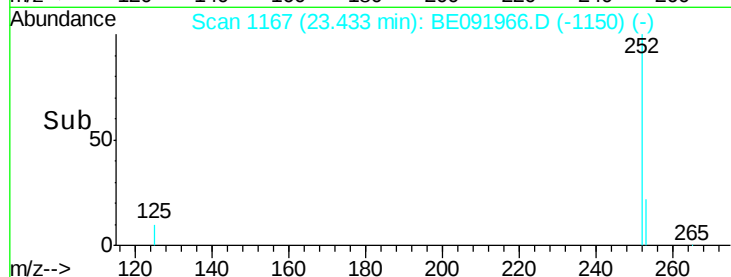
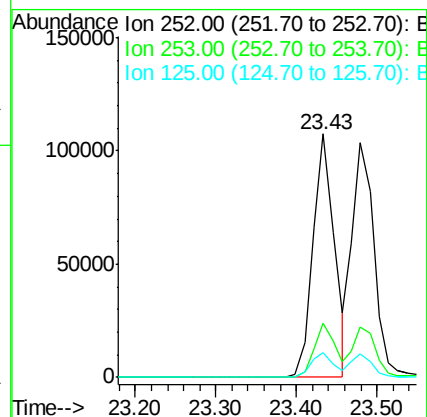
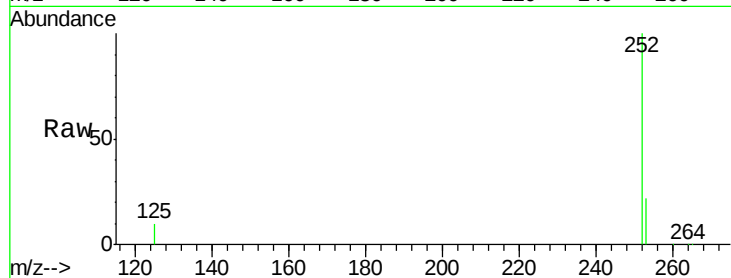
Tgt Ion:252 Resp: 196862

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.0 9.4 14.2



#42

Benzo(k)fluoranthene

Concen: 3.81 ng

RT: 23.48 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

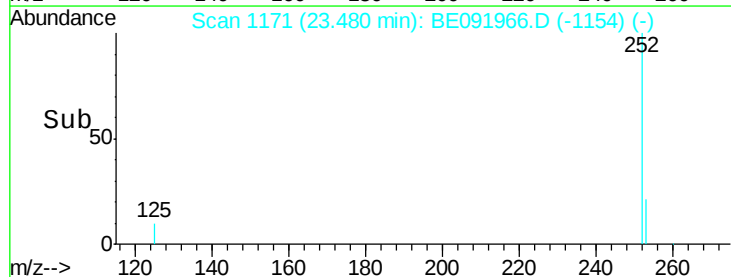
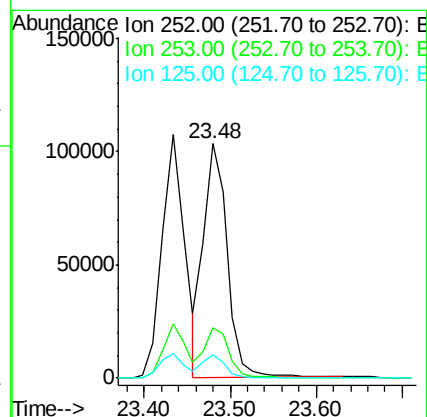
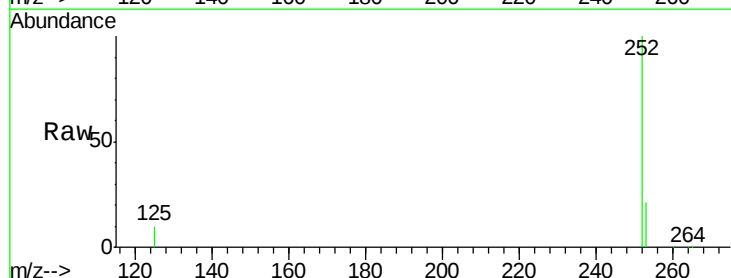
Tgt Ion:252 Resp: 196045

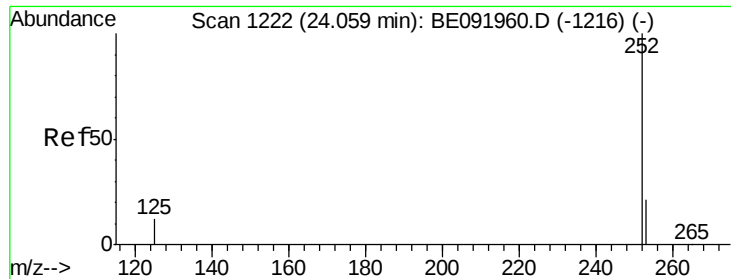
Ion Ratio Lower Upper

252 100

253 21.3 19.4 29.2

125 10.1 8.3 12.5





#43

Benzo(a)pyrene

Concen: 3.79 ng

RT: 24.07 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

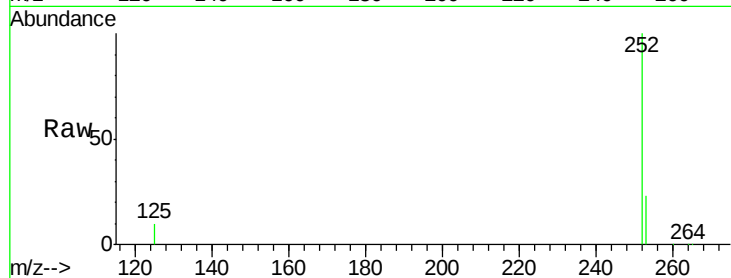
Tgt Ion: 252 Resp: 185971

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

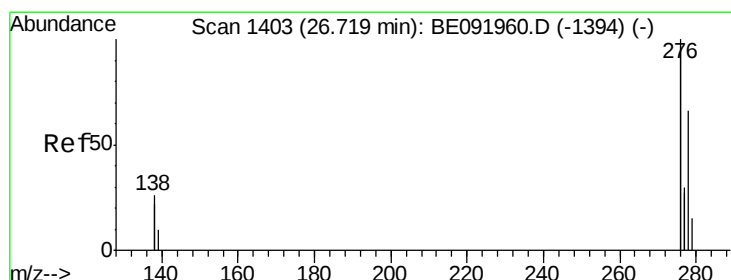
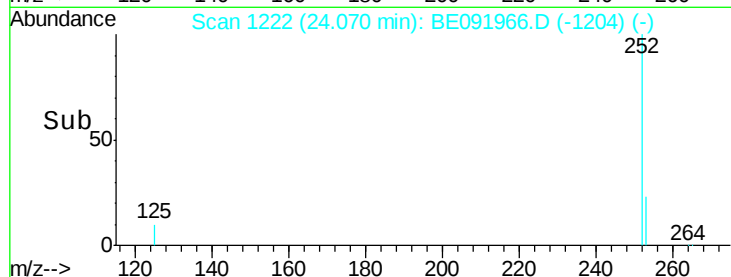
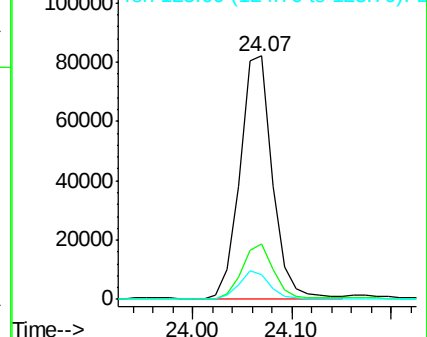
125 10.3 10.5 15.7#



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: 3.69 ng

RT: 26.72 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BE091966.D

Acq: 5 Jul 2016 15:10

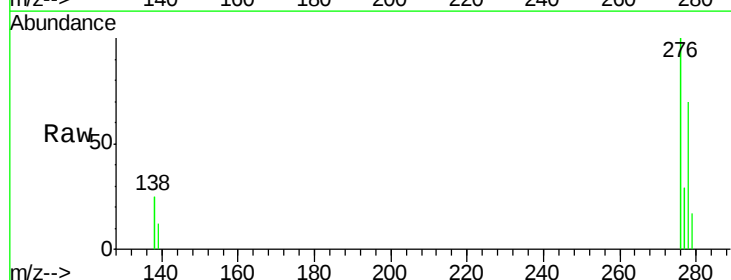
Tgt Ion: 278 Resp: 176566

Ion Ratio Lower Upper

278 100

139 17.0 12.6 18.8

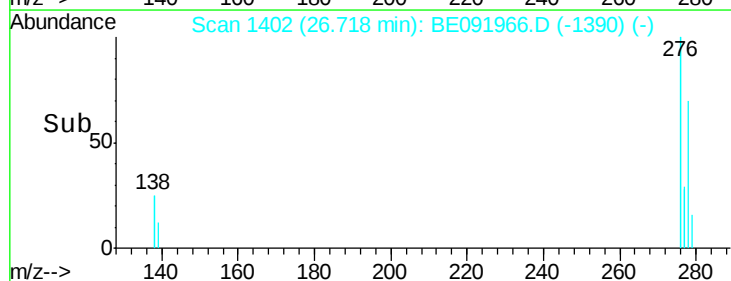
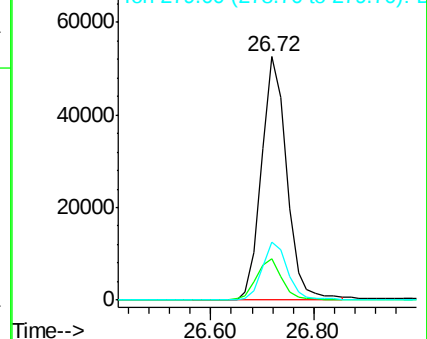
279 23.6 20.0 30.0

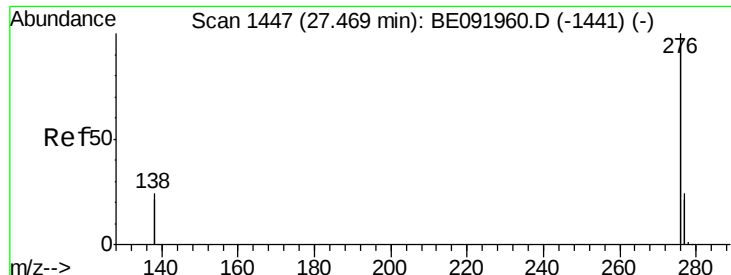


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 3.59 ng

RT: 27.47 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BE091966.D

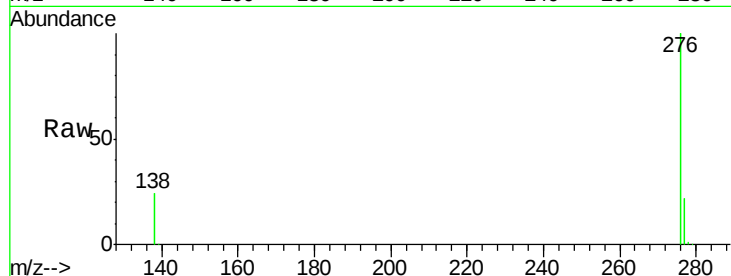
Acq: 5 Jul 2016 15:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



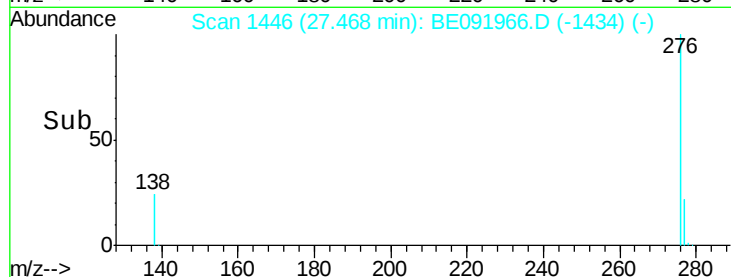
Tgt Ion: 276 Resp: 709207

Ion Ratio Lower Upper

276 100

277 22.0 19.5 29.3

138 24.2 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

