

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
 Data File : BE092682.D
 Acq On : 25 Jan 2017 1:26
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 25 11:10:43 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	14346	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	74469	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	50227	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	108226	5.00	ng	0.00
24) Chrysene-d12	21.72	240	104096	5.00	ng	0.00
31) Perylene-d12	24.06	264	104263	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.66	112	1107	0.35	ng	0.00
5) Phenol-d6	7.33	99	1534	0.39	ng	0.00
8) Nitrobenzene-d5	9.32	82	1660	0.34	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	444	0.42	ng	0.02
14) 2-Fluorobiphenyl	13.41	172	4657	0.38	ng	-0.01
26) Terphenyl-d14	20.16	244	5911	0.40	ng	0.00

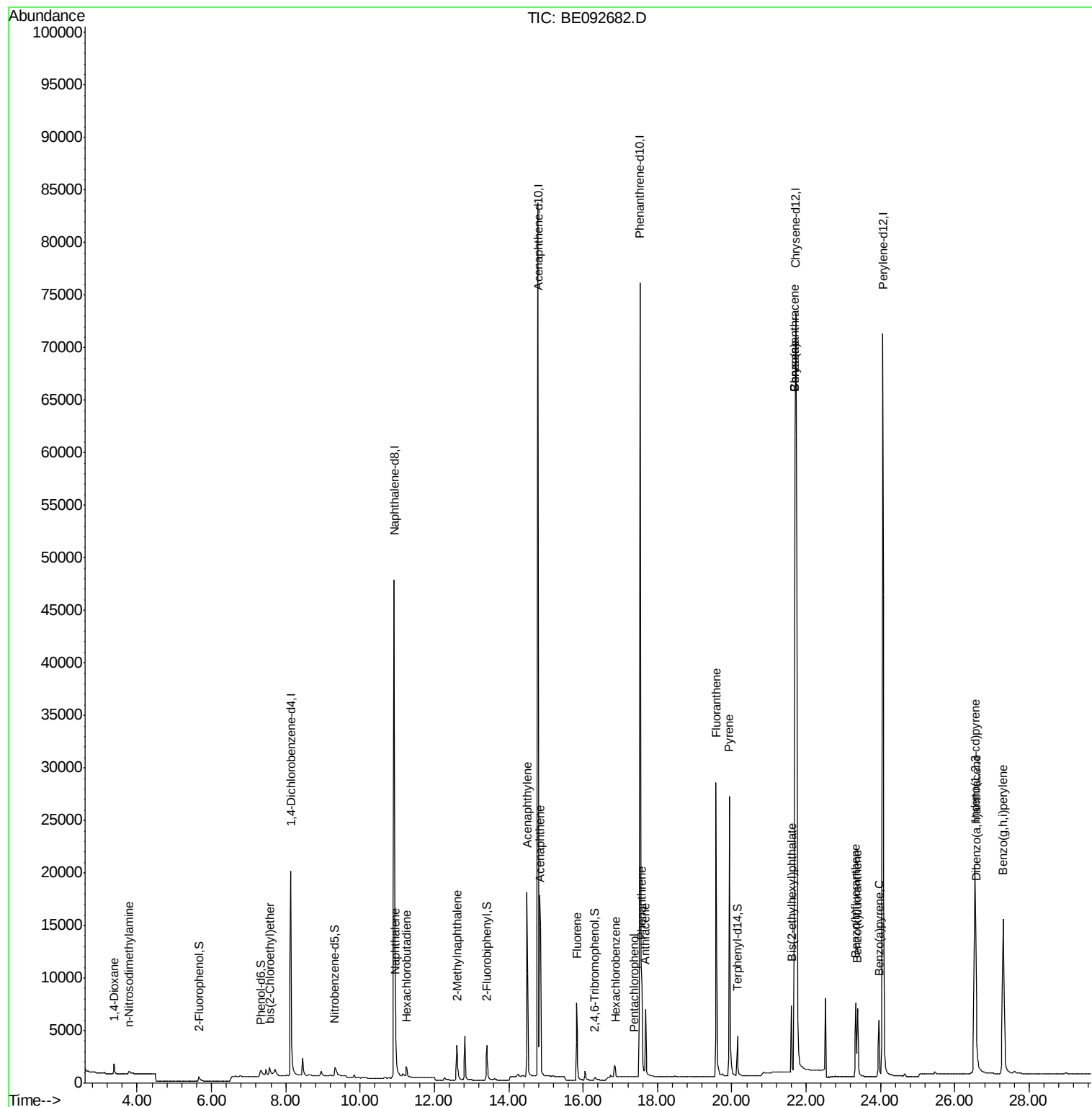
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	787	0.34	ng	99
3) n-Nitrosodimethylamine	3.78	42	655	0.25	ng	# 93
6) bis(2-Chloroethyl)ether	7.57	93	1320	0.32	ng	86
9) Naphthalene	10.95	128	6044	0.39	ng	96
10) Hexachlorobutadiene	11.24	225	913	0.40	ng	100
11) 2-Methylnaphthalene	12.60	142	3794	0.39	ng	92
15) Acenaphthylene	14.49	152	27776	0.40	ng	100
16) Acenaphthene	14.85	154	4465	0.40	ng	98
17) Fluorene	15.83	166	5321	0.38	ng	98
19) Hexachlorobenzene	16.87	284	1754	0.41	ng	# 39
20) Pentachlorophenol	17.37	266	156	0.14	ng	# 86
21) Phenanthrene	17.58	178	9590	0.40	ng	95
22) Anthracene	17.67	178	9122	0.41	ng	99
23) Fluoranthene	19.58	202	39582	0.37	ng	99
25) Pyrene	19.93	202	41619	0.41	ng	100
27) Benzo(a)anthracene	21.70	228	40693	0.40	ng	# 79
28) Chrysene	21.70	228	40693	0.35	ng	# 61
29) Bis(2-ethylhexyl)phthalate	21.61	149	7528	0.56	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.55	276	45117	0.36	ng	97
32) Benzo(b)fluoranthene	23.34	252	9854	0.39	ng	100
33) Benzo(k)fluoranthene	23.38	252	10701	0.42	ng	96
34) Benzo(a)pyrene	23.96	252	9618	0.41	ng	97
35) Dibenzo(a,h)anthracene	26.56	278	9214	0.40	ng	99
36) Benzo(g,h,i)perylene	27.30	276	38286	0.39	ng	99

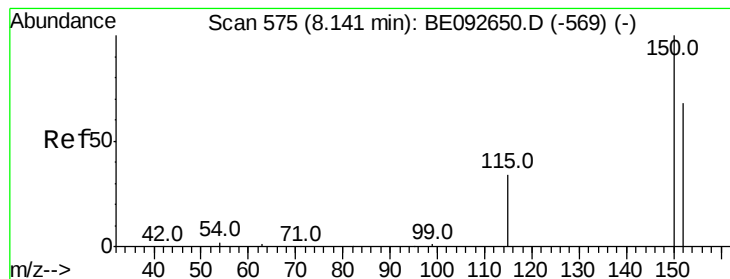
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Jan 25 11:10:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

Instrument :

BNA_E

ClientSampleId :

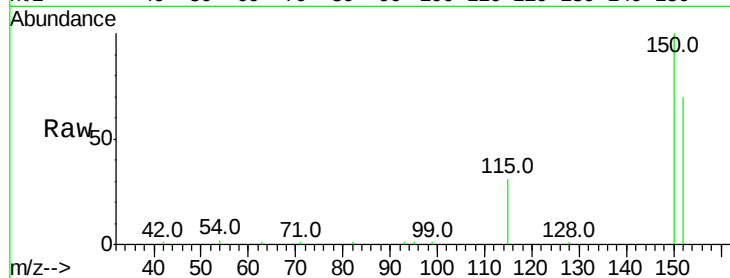
Tot Ion:152 Resp: 14346

Ion Ratio Lower Upper

152 100

150 142.5 106.0 159.0

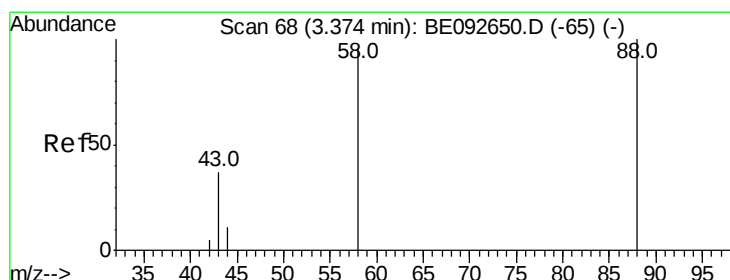
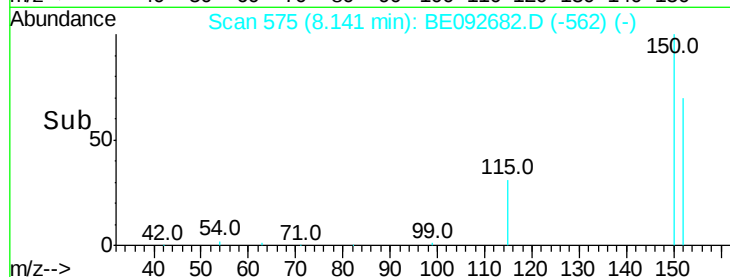
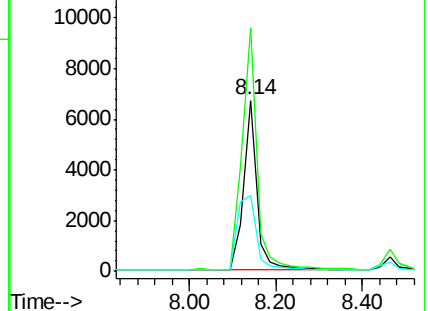
115 44.5 31.2 46.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.34 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.01 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

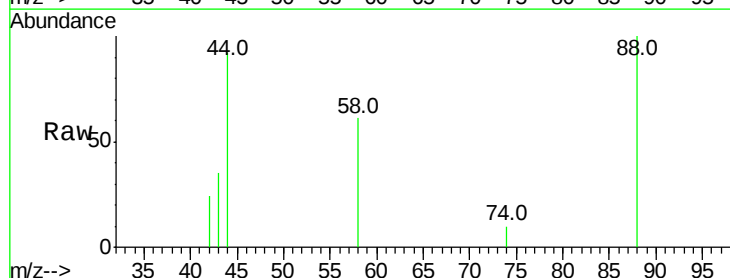
Tgt Ion: 88 Resp: 787

Ion Ratio Lower Upper

88 100

58 79.9 63.6 95.4

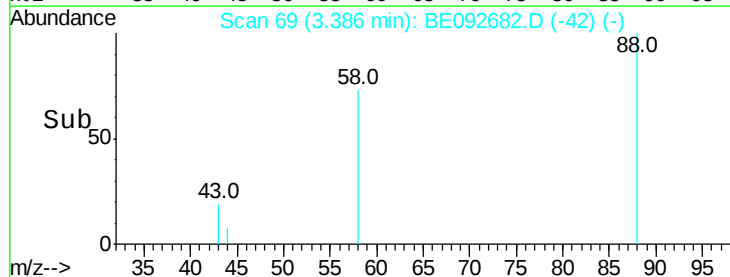
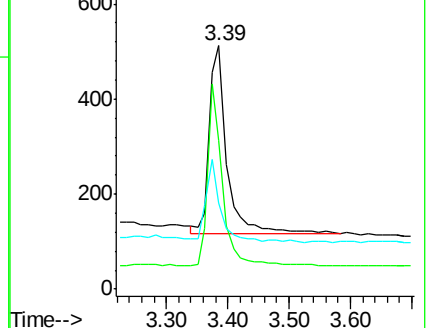
43 35.8 28.0 42.0

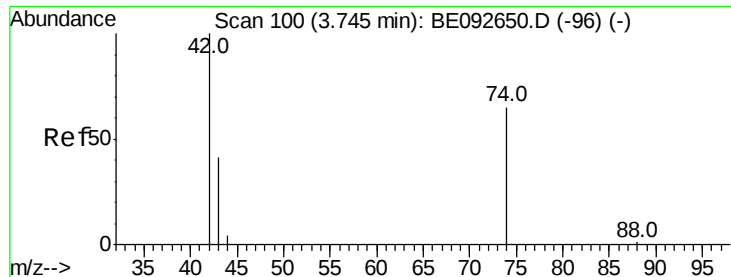


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



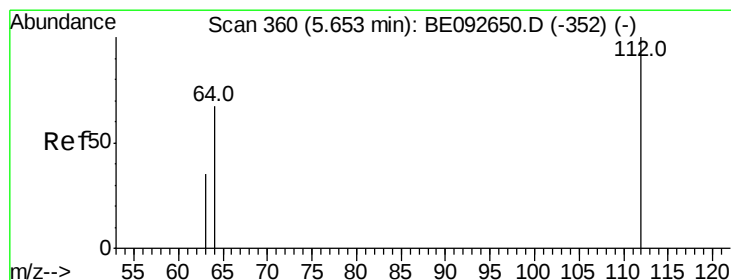
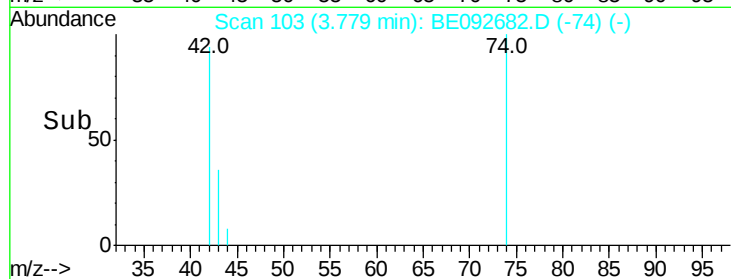
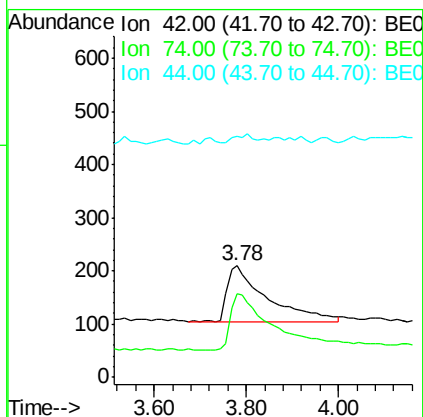
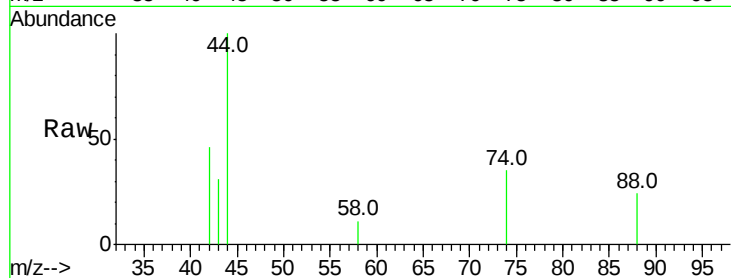


#3

n-Nitrosodimethylamine
Concen: 0.25 ng
RT: 3.78 min Scan# 103
Delta R.T. 0.03 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

Instrument :
BNA_E
ClientSampleId :

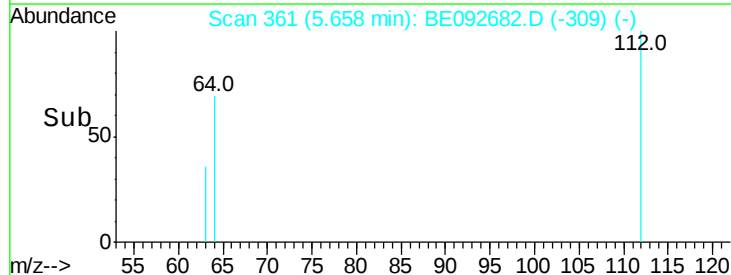
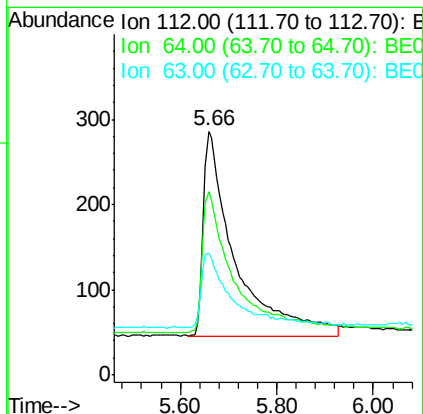
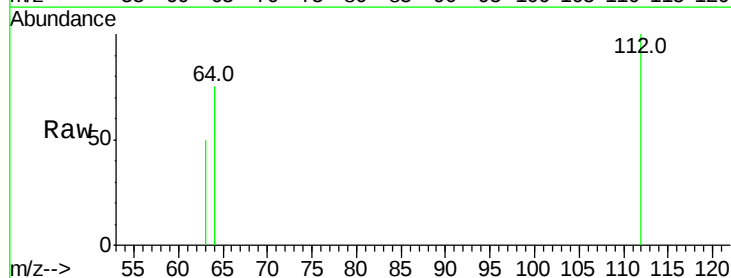
Tot Ion: 42 Resp: 655
Ion Ratio Lower Upper
42 100
74 101.1 86.0 129.0
44 0.0 5.1 7.7#

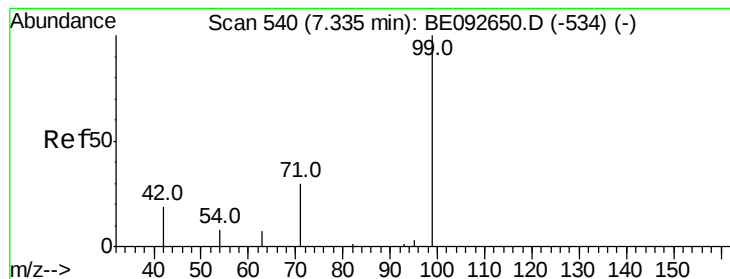


#4

2-Fluorophenol
Concen: 0.35 ng
RT: 5.66 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

Tgt Ion: 112 Resp: 1107
Ion Ratio Lower Upper
112 100
64 69.9 53.5 80.3
63 35.8 27.9 41.9





#5

Phenol-d6

Concen: 0.39 ng

RT: 7.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

Instrument :

BNA_E

ClientSampleId :

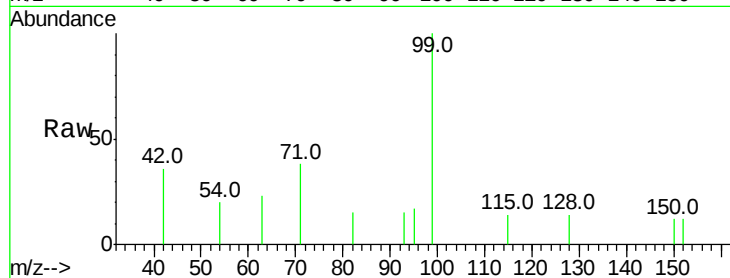
Tot Ion: 99 Resp: 1534

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

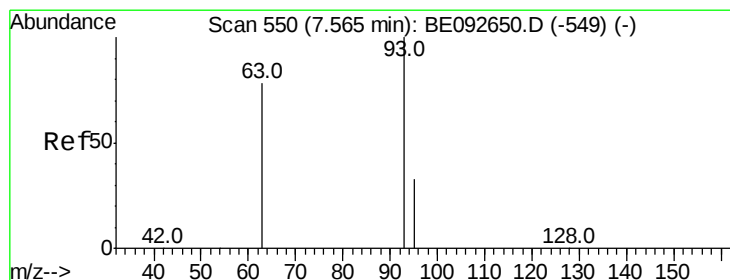
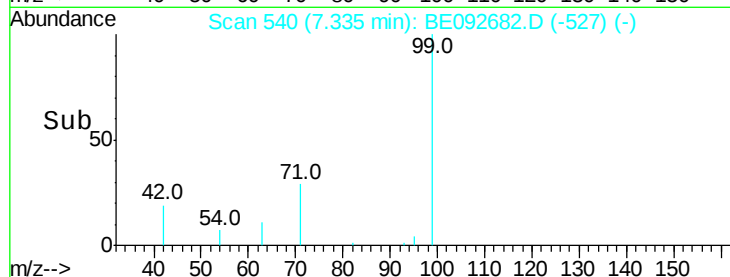
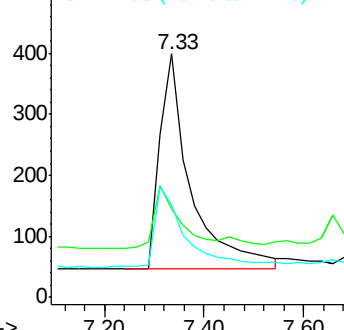
71 0.0 30.6 45.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.32 ng

RT: 7.57 min Scan# 550

Delta R.T. 0.00 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

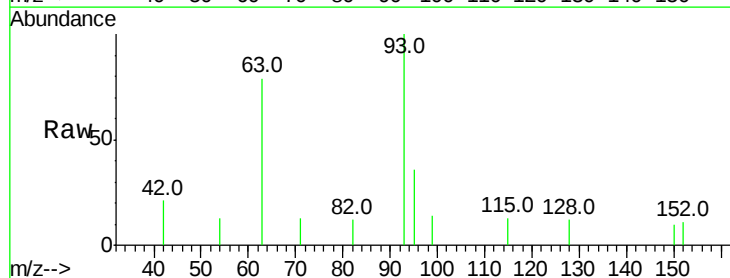
Tgt Ion: 93 Resp: 1320

Ion Ratio Lower Upper

93 100

63 72.7 71.6 107.4

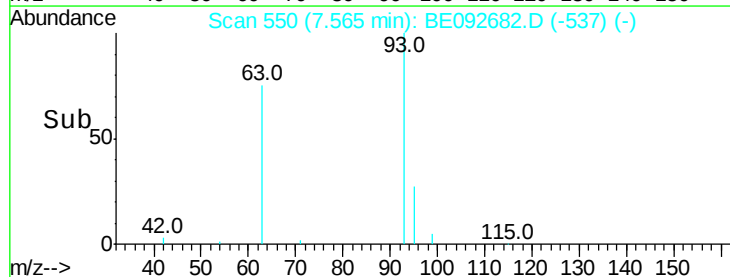
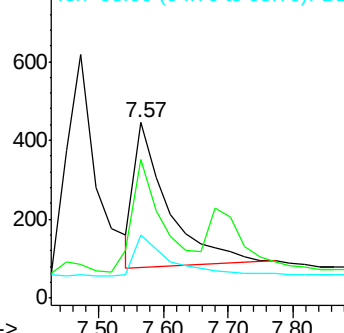
95 31.3 24.0 36.0



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.00 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 74469

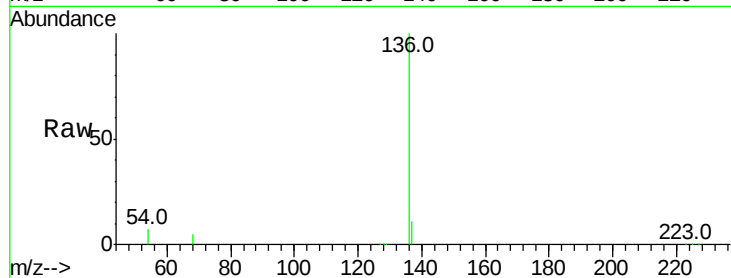
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.4

54 7.2 9.6 14.4#

68 5.3 6.7 10.1#

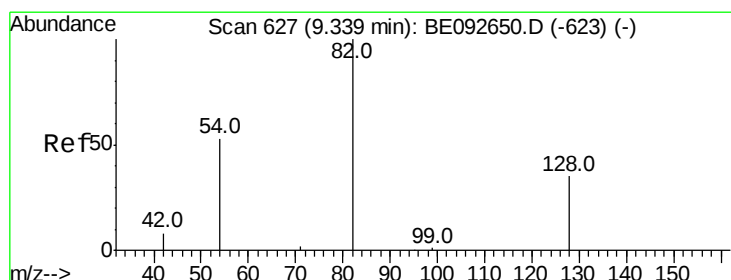
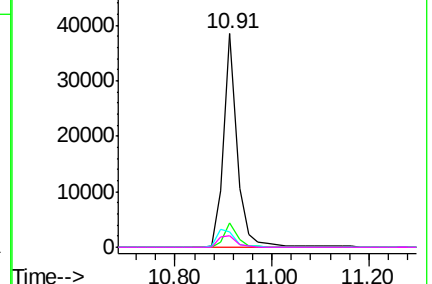
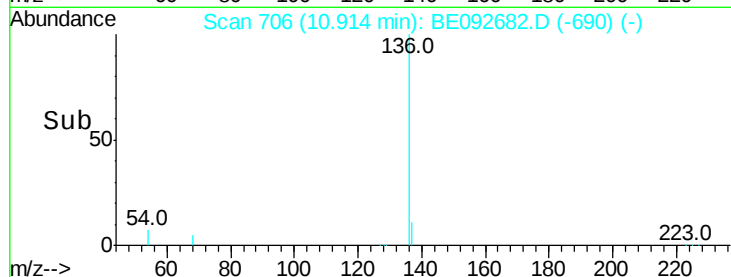


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.34 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

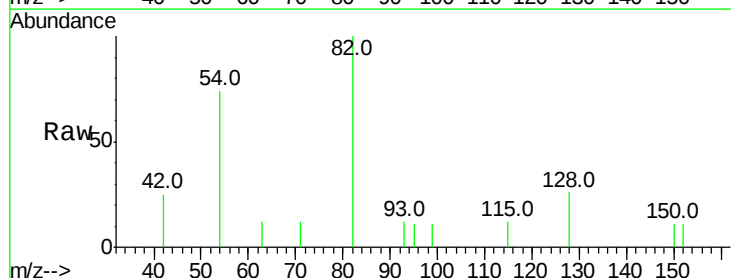
Tgt Ion: 82 Resp: 1660

Ion Ratio Lower Upper

82 100

128 26.1 39.0 58.4#

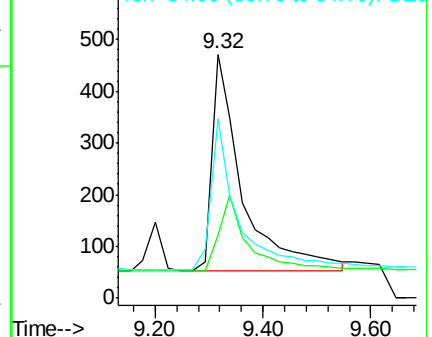
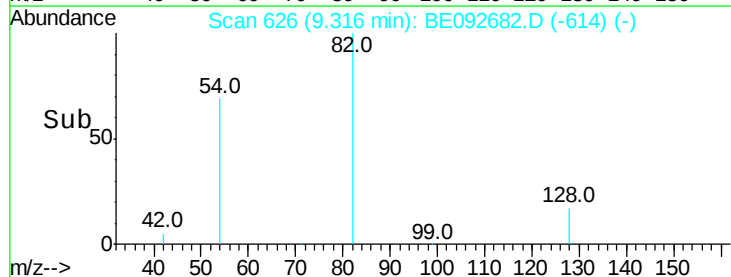
54 73.9 44.8 67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.39 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

Instrument :

BNA_E

ClientSampleId :

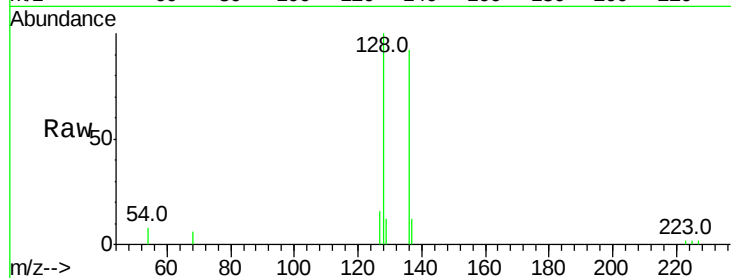
Tot Ion:128 Resp: 6044

Ion Ratio Lower Upper

128 100

129 11.8 11.2 16.8

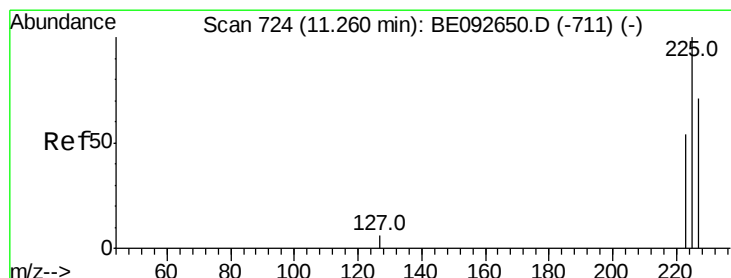
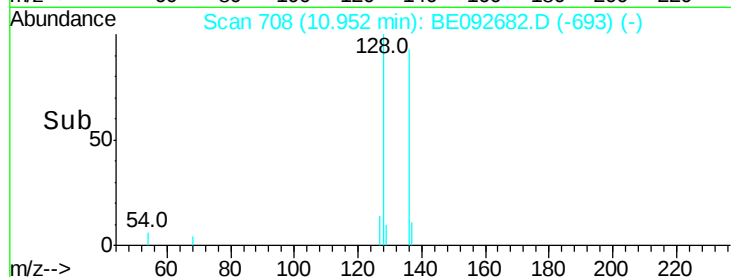
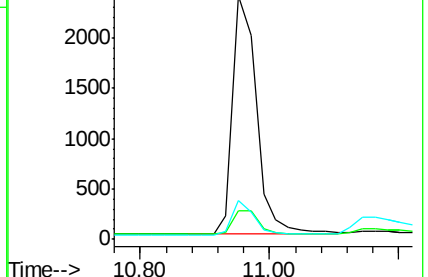
127 15.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.40 ng

RT: 11.24 min Scan# 723

Delta R.T. -0.02 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

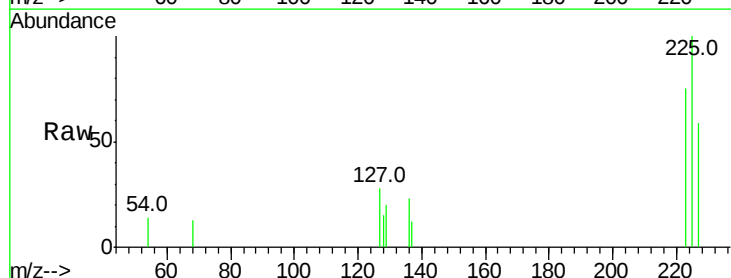
Tgt Ion:225 Resp: 913

Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

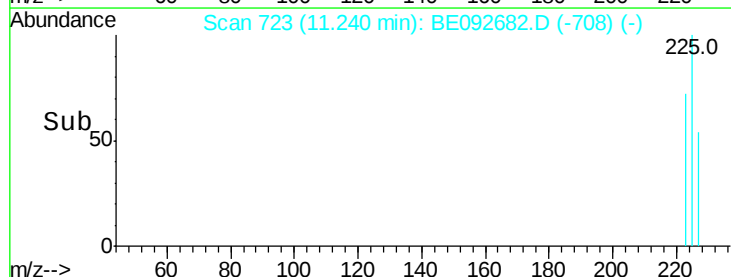
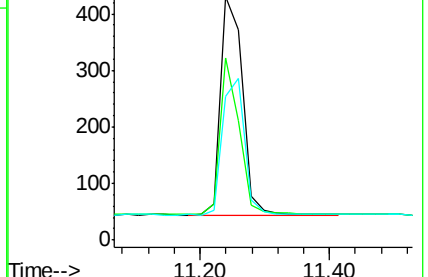
227 63.7 51.4 77.0

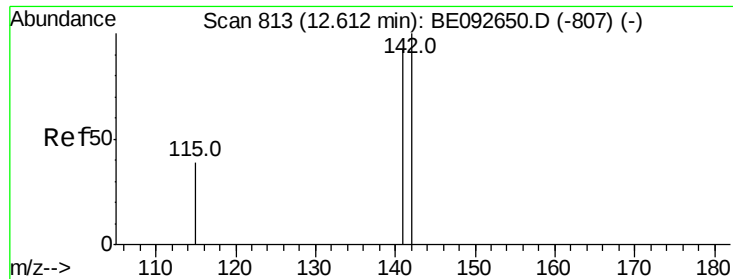


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

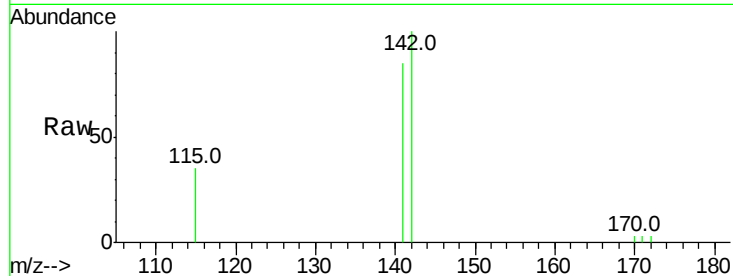




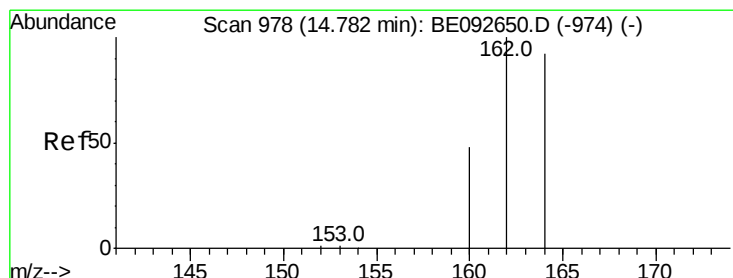
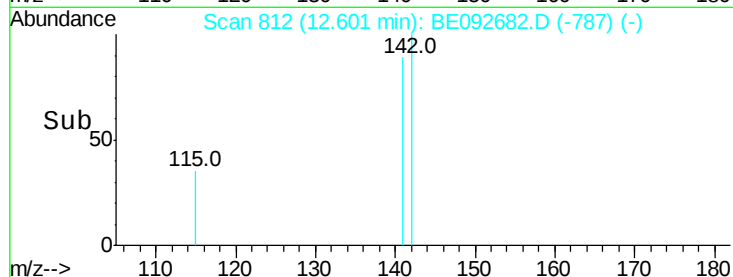
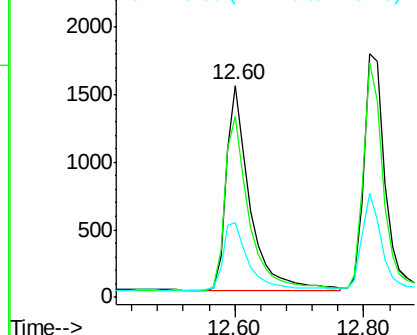
#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.01 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

Instrument :
BNA_E
ClientSampled :

Tot Ion:142 Resp: 3794
Ion Ratio Lower Upper
142 100
141 85.4 73.7 110.5
115 35.4 34.0 51.0

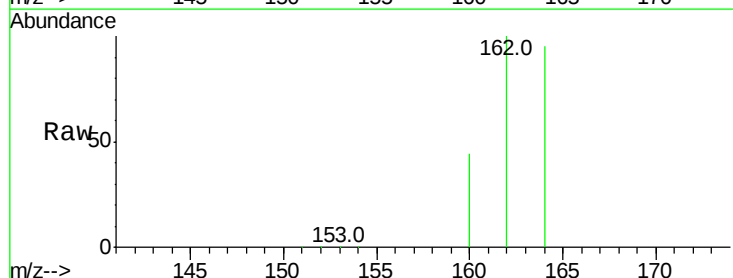


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

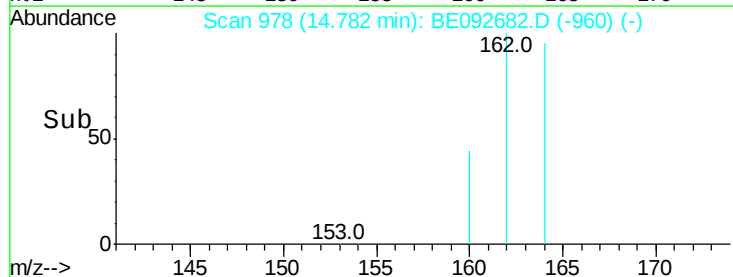
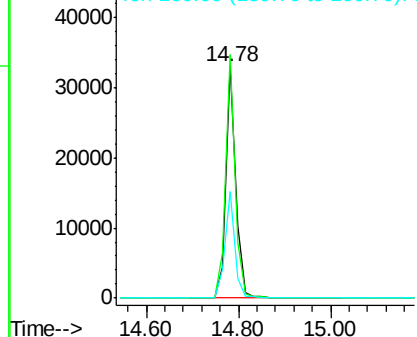


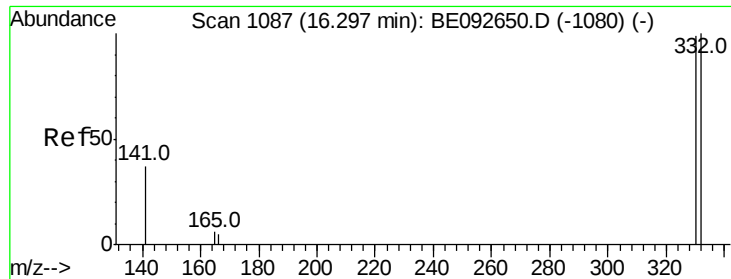
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

Tgt Ion:164 Resp: 50227
Ion Ratio Lower Upper
164 100
162 105.0 71.4 107.0
160 46.2 27.4 41.2#



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

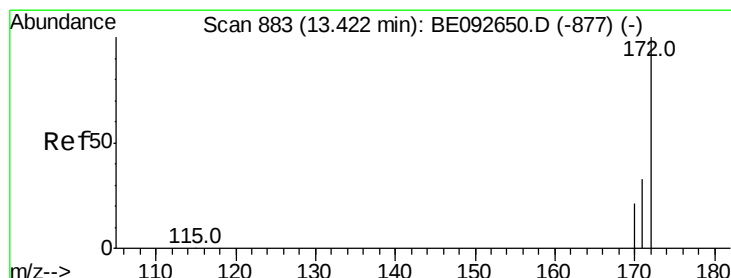
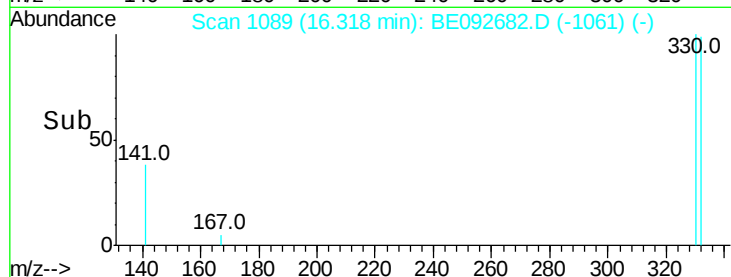
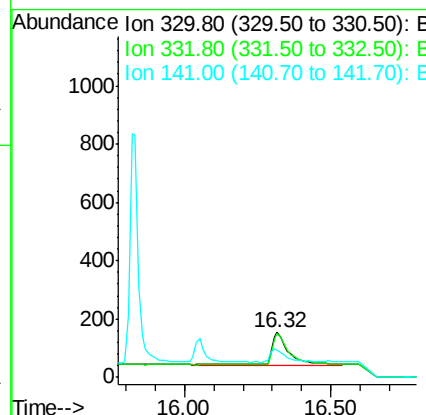
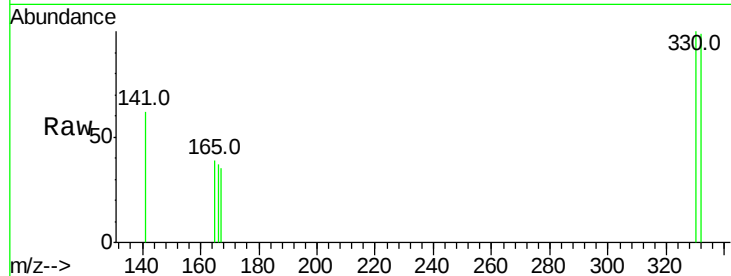




#13
 2,4,6-Tribromophenol
 Concen: 0.42 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.02 min
 Lab File: BE092682.D
 Acq: 25 Jan 2017 1:26

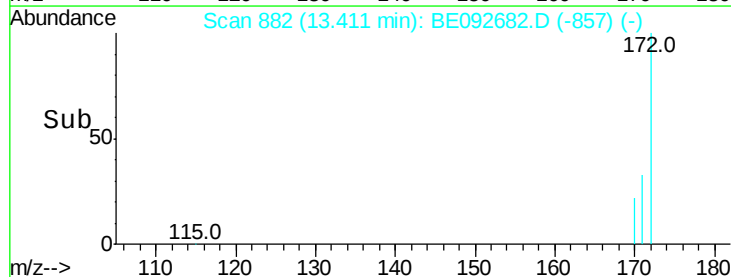
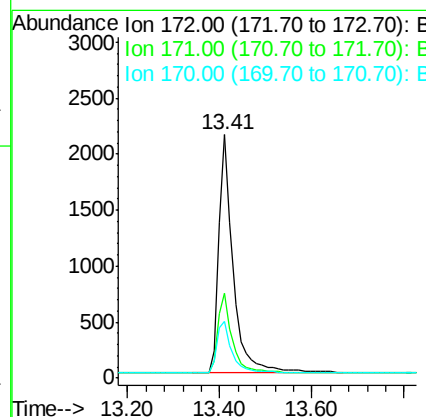
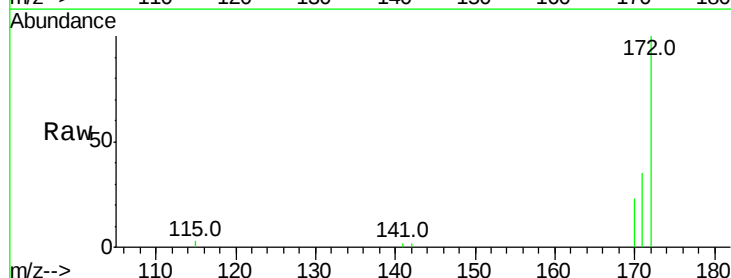
Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 444
 Ion Ratio Lower Upper
 330 100
 332 98.0 75.4 113.0
 141 42.8 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.38 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BE092682.D
 Acq: 25 Jan 2017 1:26

Tgt Ion:172 Resp: 4657
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.1 45.1
 170 23.2 21.8 32.6

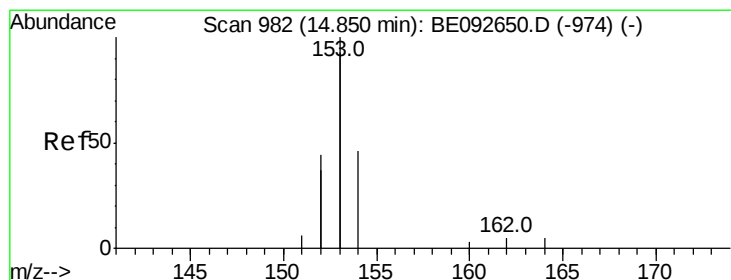
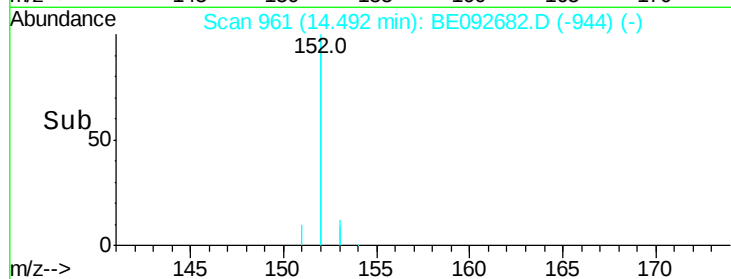
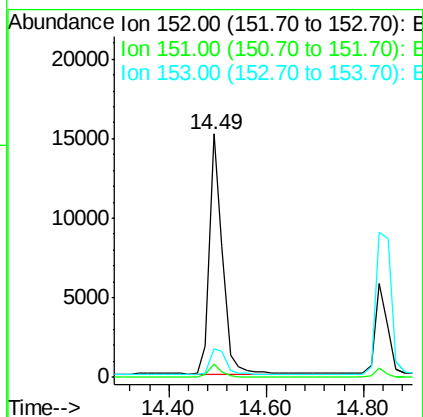
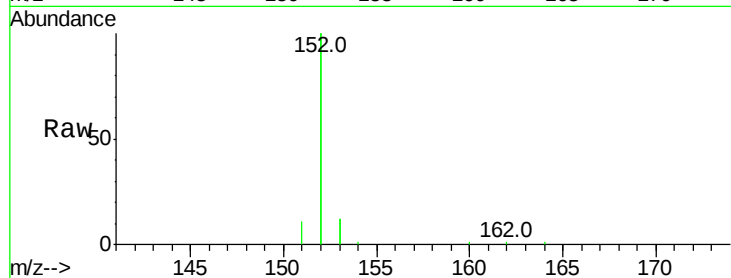




#15
Acenaphthylene
Concen: 0.40 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

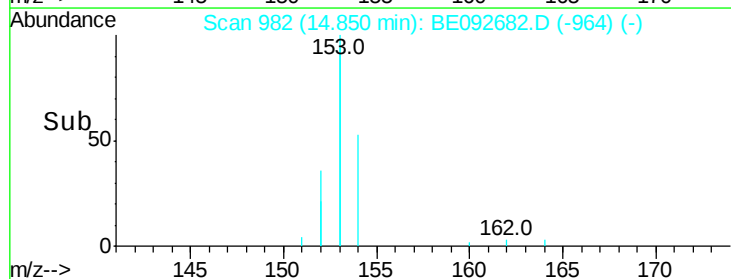
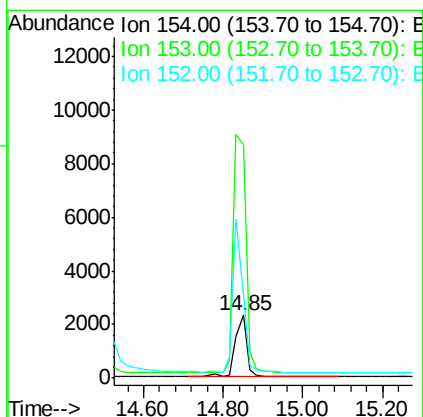
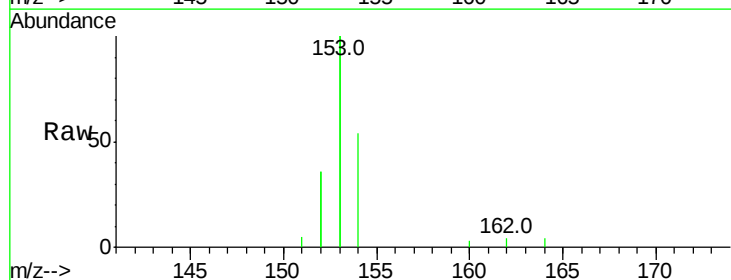
Instrument :
BNA_E
ClientSampleId :

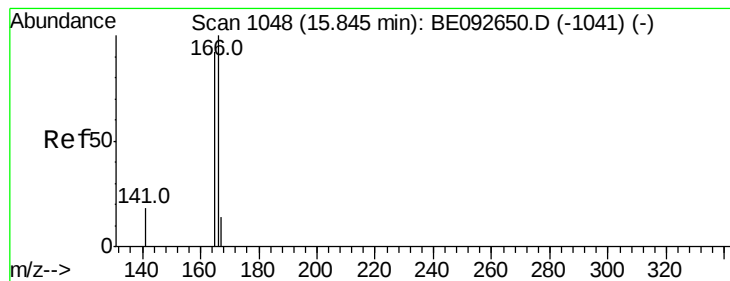
Tot Ion:152 Resp: 27776
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.0 10.4 15.6



#16
Acenaphthene
Concen: 0.40 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

Tgt Ion:154 Resp: 4465
Ion Ratio Lower Upper
154 100
153 436.4 350.8 526.2
152 220.6 171.1 256.7





#17

Fluorene

Concen: 0.38 ng

RT: 15.83 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

Instrument :

BNA_E

ClientSampleId :

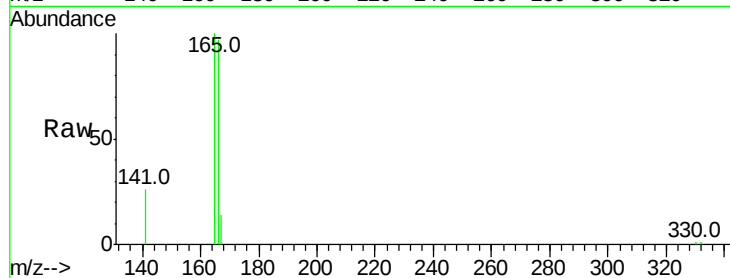
Tot Ion:166 Resp: 5321

Ion Ratio Lower Upper

166 100

165 99.7 78.2 117.4

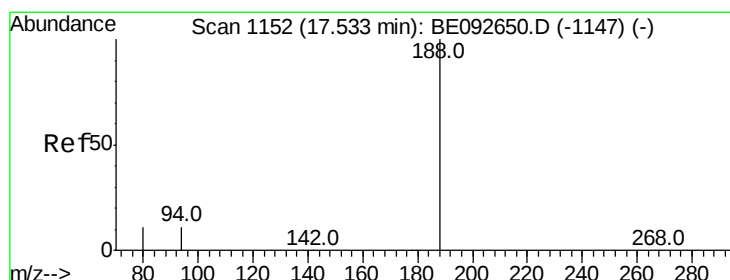
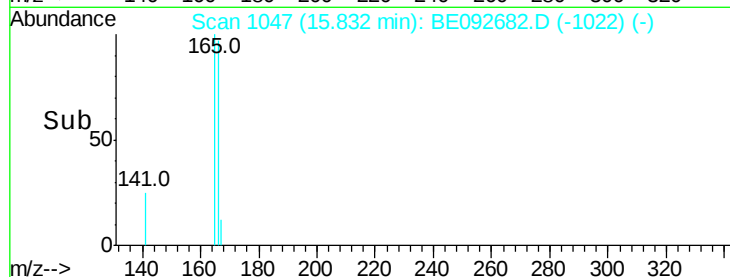
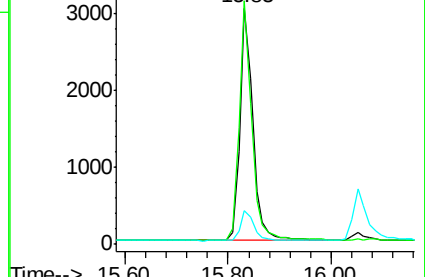
167 13.5 11.0 16.4



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

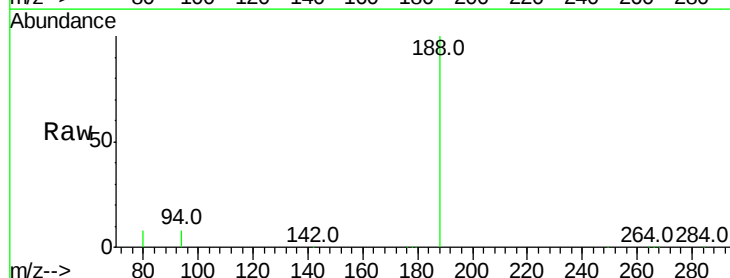
Tgt Ion:188 Resp: 108226

Ion Ratio Lower Upper

188 100

94 8.2 3.2 4.8#

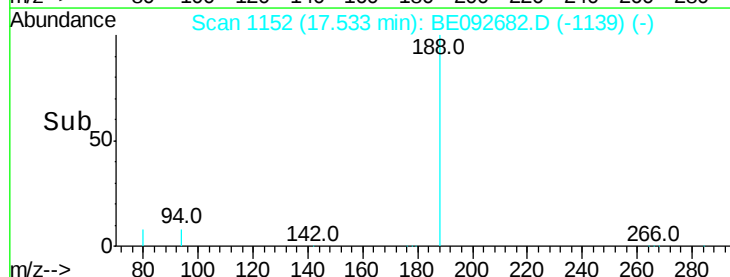
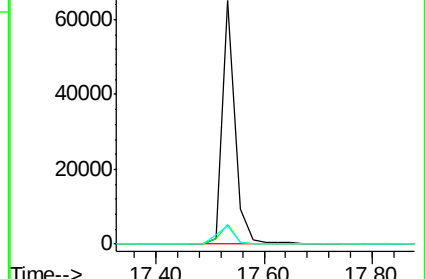
80 7.7 2.6 3.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

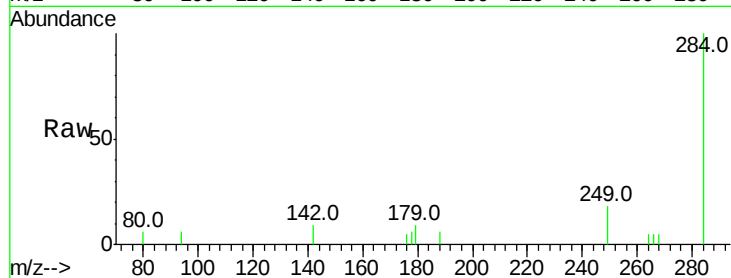




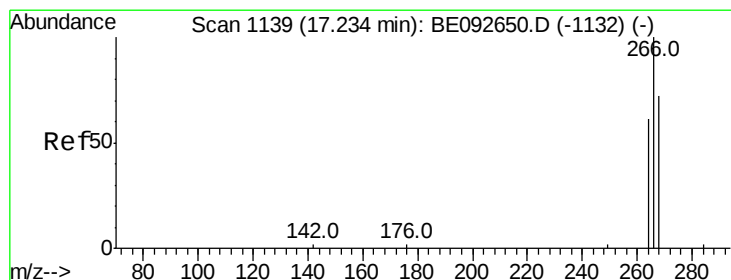
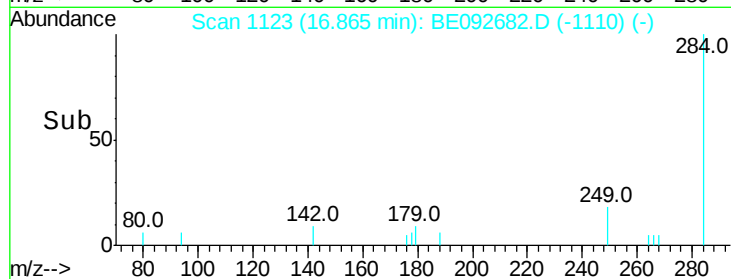
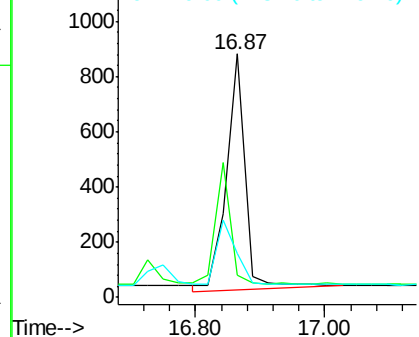
#19
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1754
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

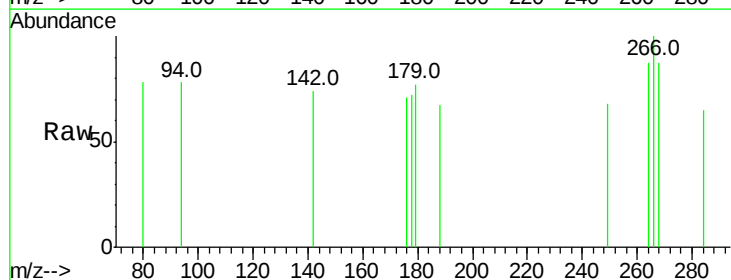


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

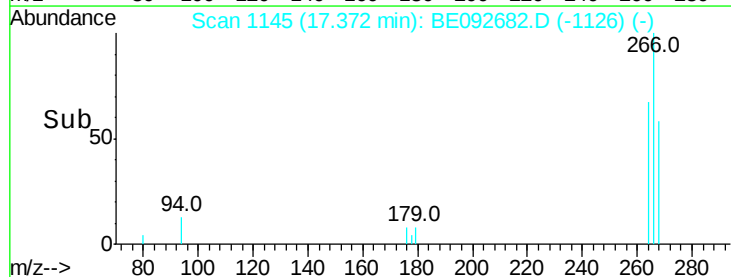
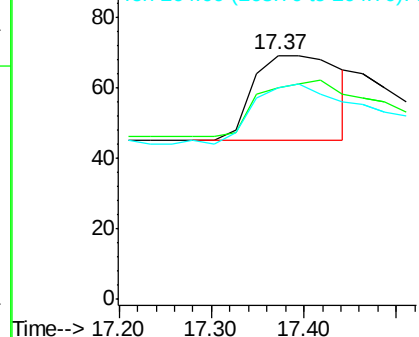


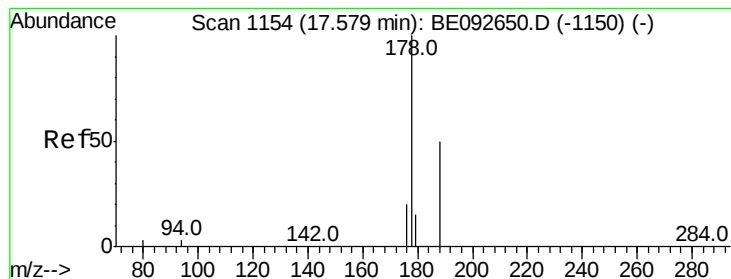
#20
Pentachlorophenol
Concen: 0.14 ng
RT: 17.37 min Scan# 1145
Delta R.T. 0.14 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

Tgt Ion:266 Resp: 156
Ion Ratio Lower Upper
266 100
268 87.0 62.5 93.7
264 87.0 57.2 85.8#



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





#21

Phenanthrene

Concen: 0.40 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

Instrument :

BNA_E

ClientSampleId :

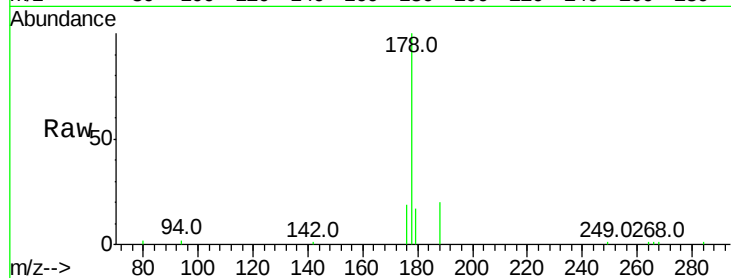
Tot Ion:178 Resp: 9590

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

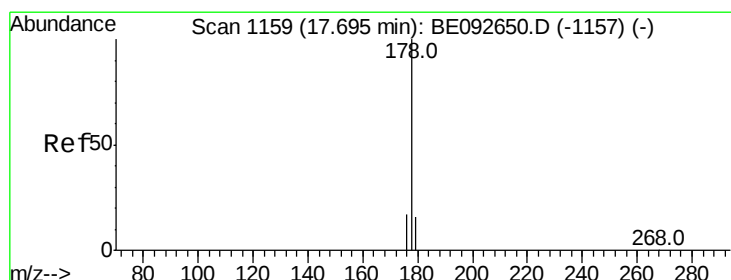
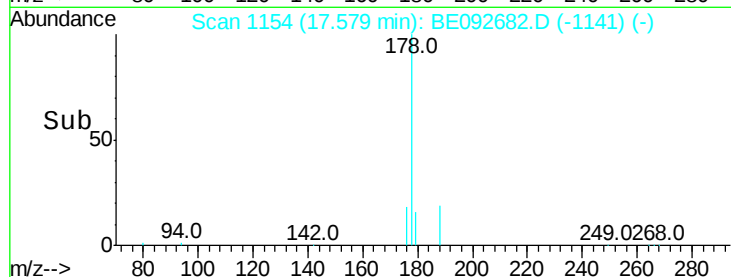
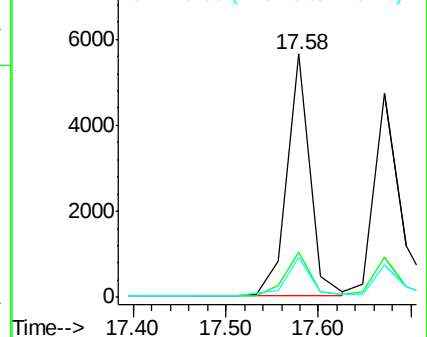
179 16.2 16.0 24.0



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



#22

Anthracene

Concen: 0.41 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

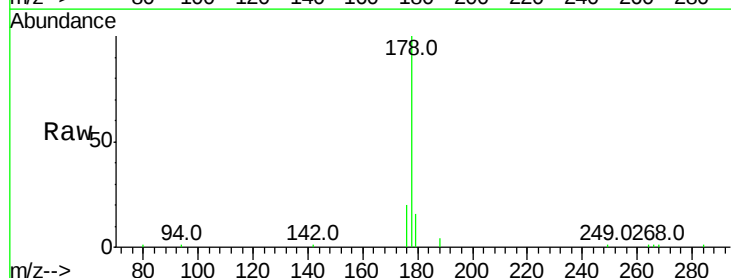
Tgt Ion:178 Resp: 9122

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

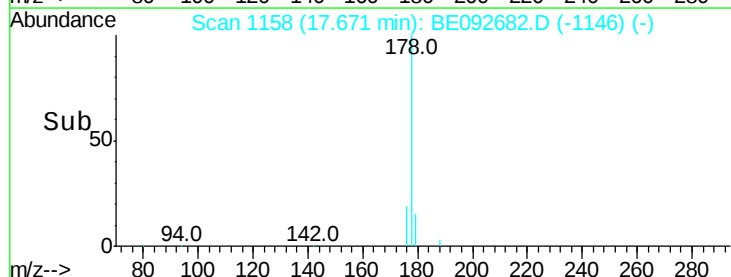
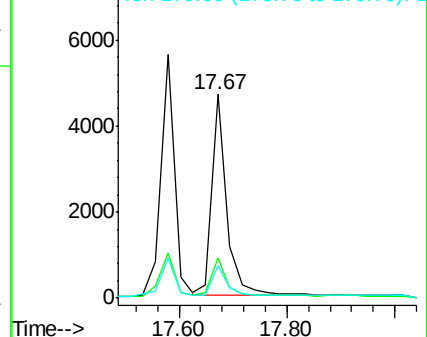
179 15.6 12.2 18.2

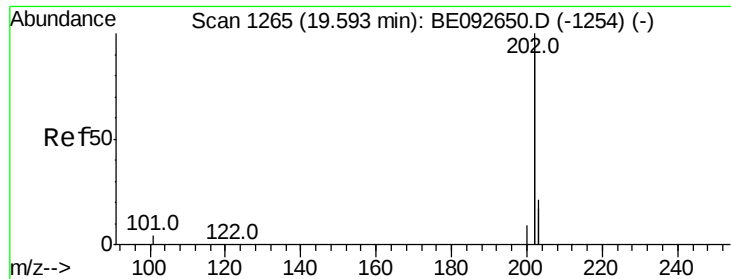


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

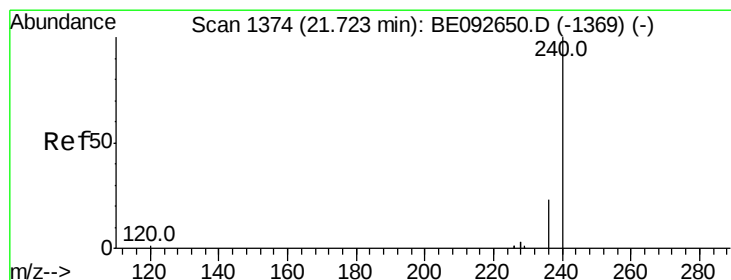
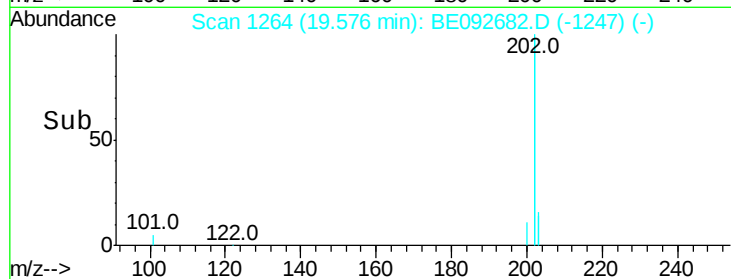
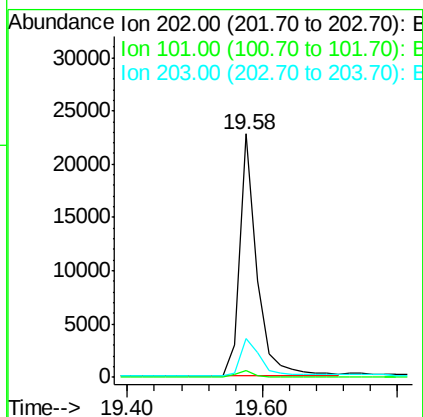
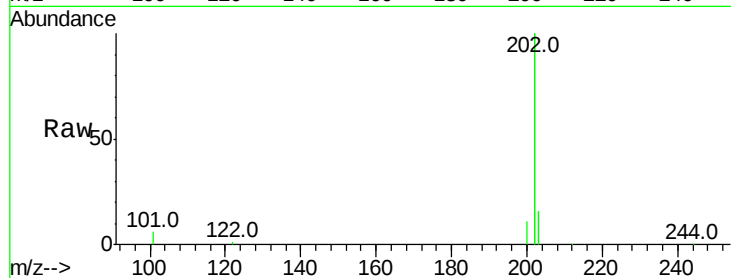




#23
 Fluoranthene
 Concen: 0.37 ng
 RT: 19.58 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BE092682.D
 Acq: 25 Jan 2017 1:26

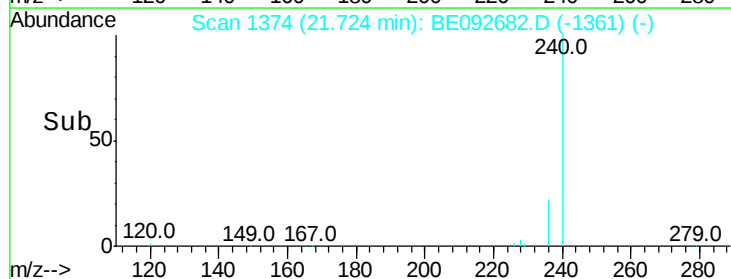
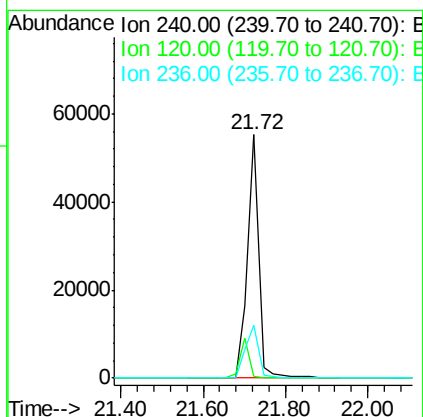
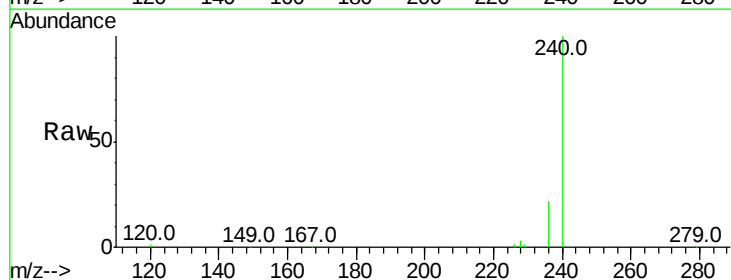
Instrument :
 BNA_E
 ClientSampleId :

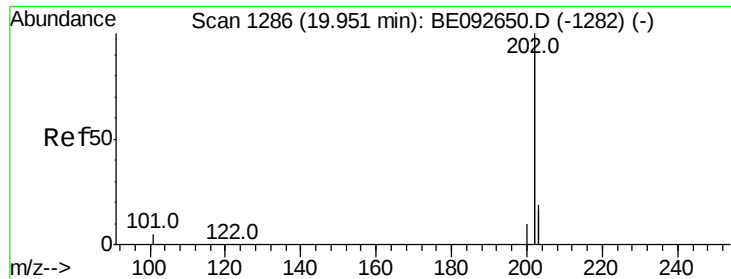
Tot Ion:202 Resp: 39582
 Ion Ratio Lower Upper
 202 100
 101 3.0 2.2 3.4
 203 17.4 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE092682.D
 Acq: 25 Jan 2017 1:26

Tgt Ion:240 Resp: 104096
 Ion Ratio Lower Upper
 240 100
 120 0.9 2.6 4.0#
 236 21.6 24.6 37.0#

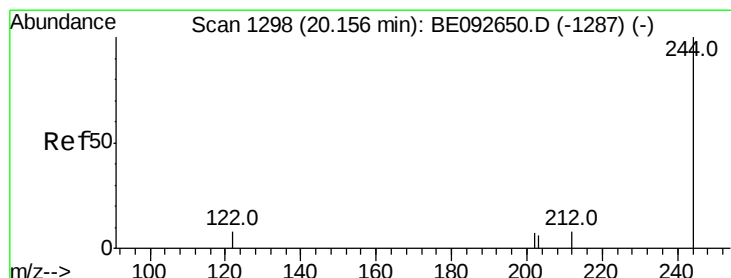
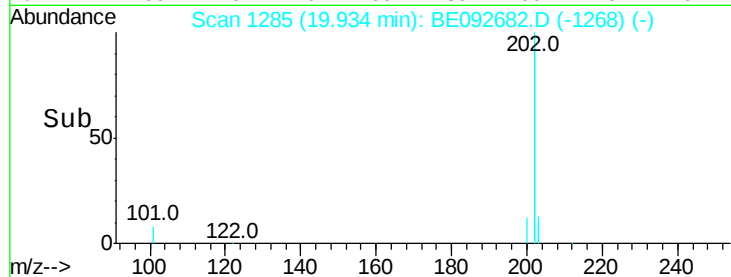
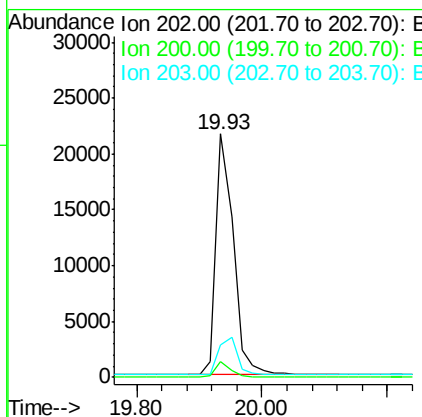
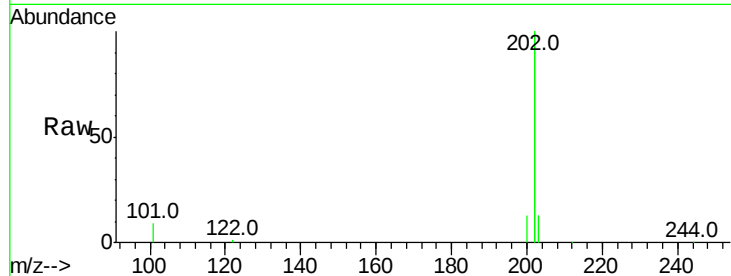




#25
Pvrene
Concen: 0.41 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

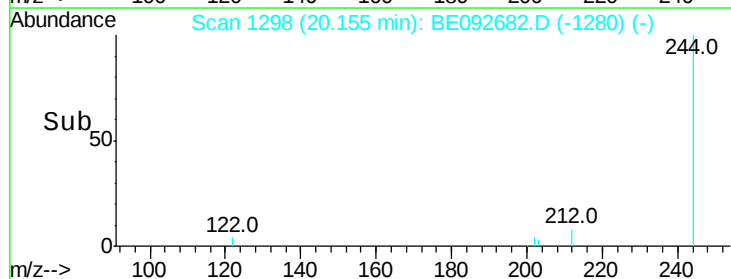
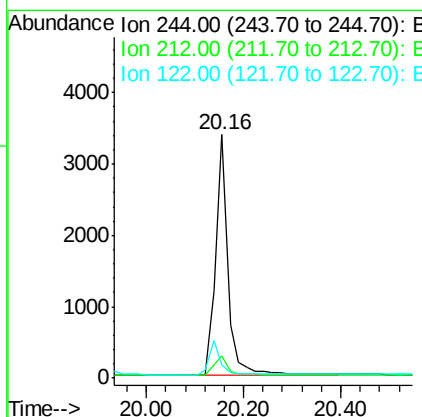
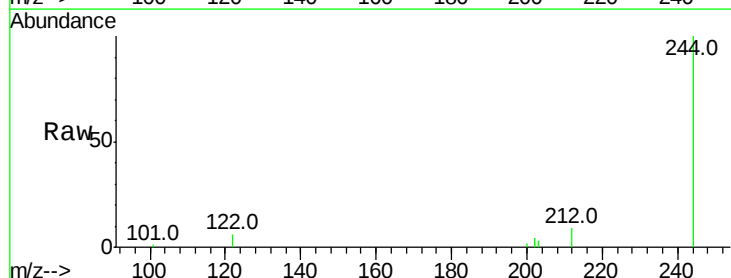
Instrument :
BNA_E
ClientSampleId :

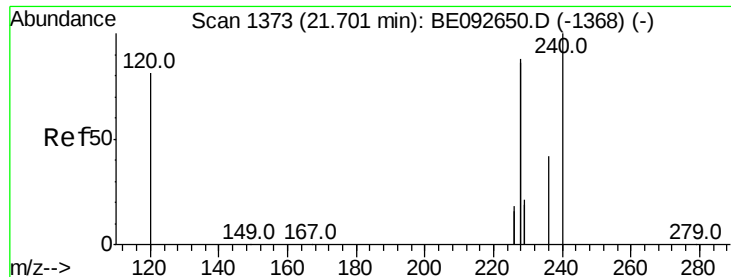
Tot Ion:202 Resp: 41619
Ion Ratio Lower Upper
202 100
200 5.4 4.2 6.4
203 17.6 13.9 20.9



#26
Terphenyl-d14
Concen: 0.40 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

Tgt Ion:244 Resp: 5911
Ion Ratio Lower Upper
244 100
212 9.1 6.7 10.1
122 5.7 3.6 5.4#

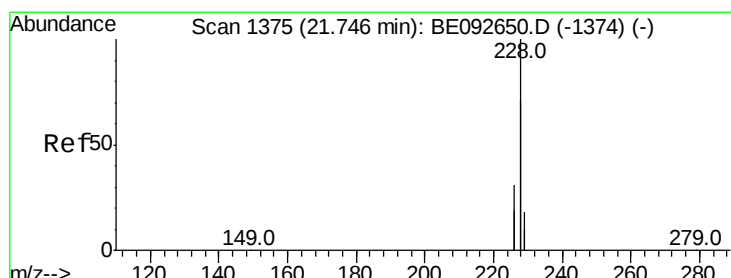
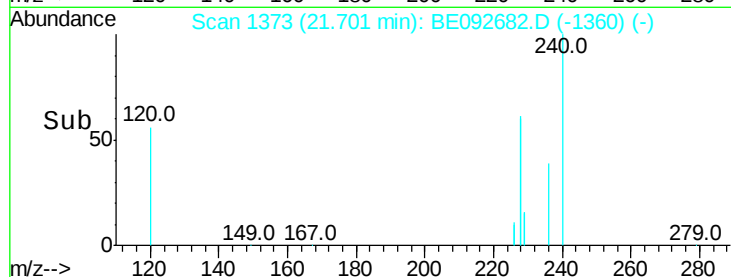
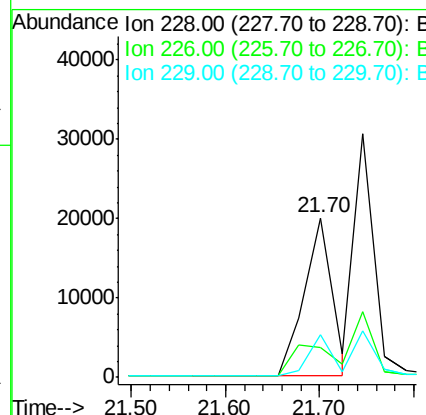
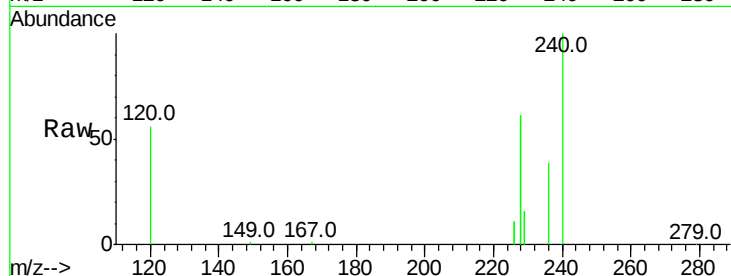




#27
Benzo(a)anthracene
Concen: 0.40 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

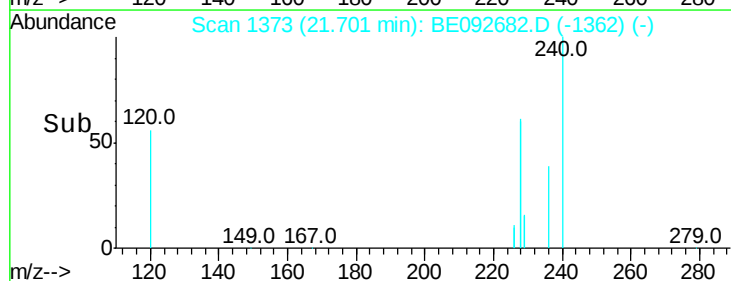
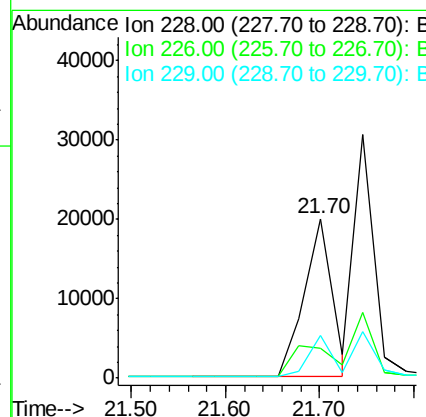
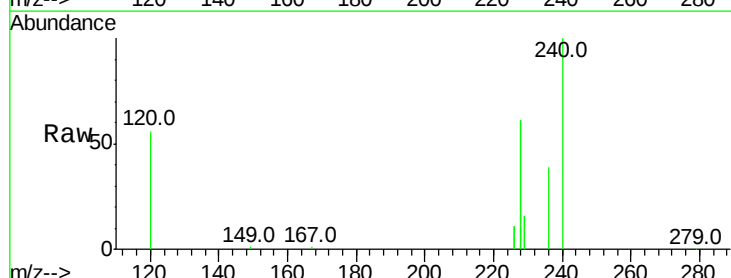
Instrument :
BNA_E
ClientSampleId :

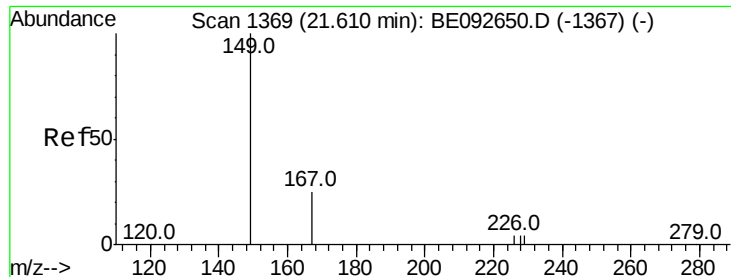
Tot Ion:228 Resp: 40693
Ion Ratio Lower Upper
228 100
226 18.6 23.6 35.4#
229 26.7 13.3 19.9#



#28
Chrysene
Concen: 0.35 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

Tgt Ion:228 Resp: 40693
Ion Ratio Lower Upper
228 100
226 18.6 36.3 54.5#
229 26.7 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.56 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

Instrument :

BNA_E

ClientSampleId :

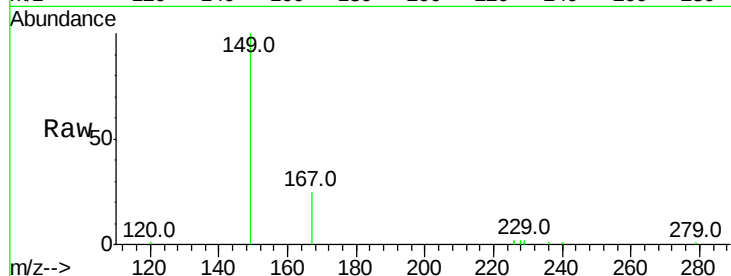
Tot Ion:149 Resp: 7528

Ion Ratio Lower Upper

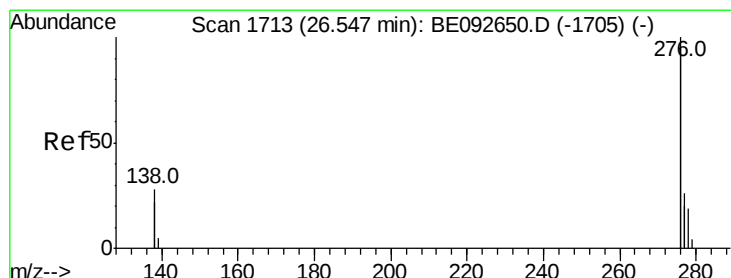
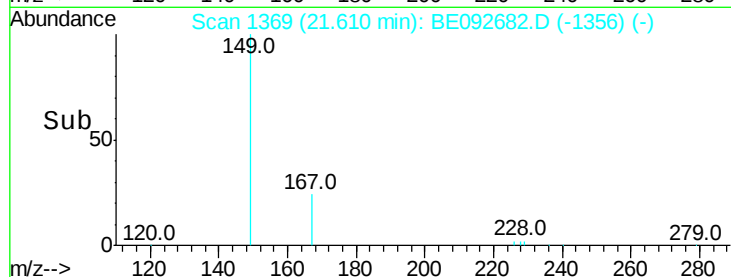
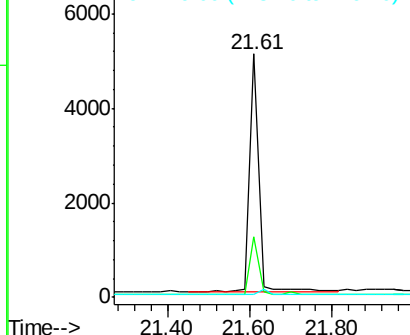
149 100

167 23.2 16.0 24.0

279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.36 ng

RT: 26.55 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

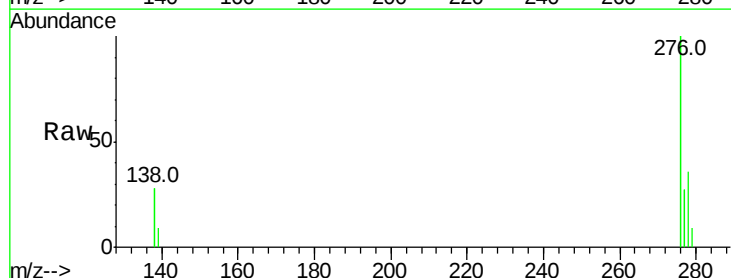
Tgt Ion:276 Resp: 45117

Ion Ratio Lower Upper

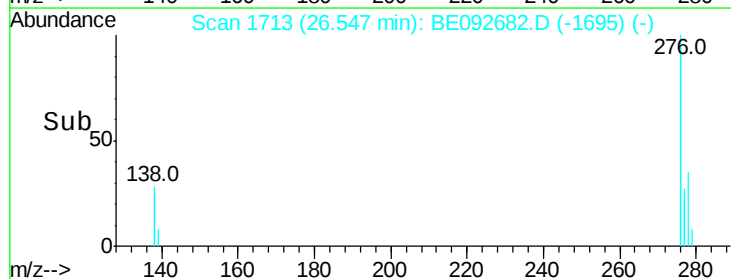
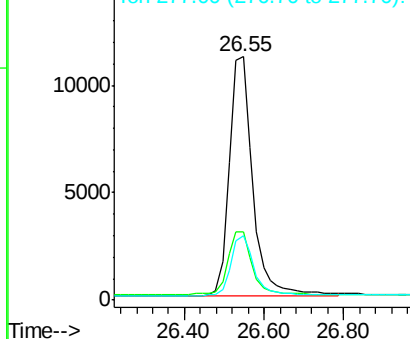
276 100

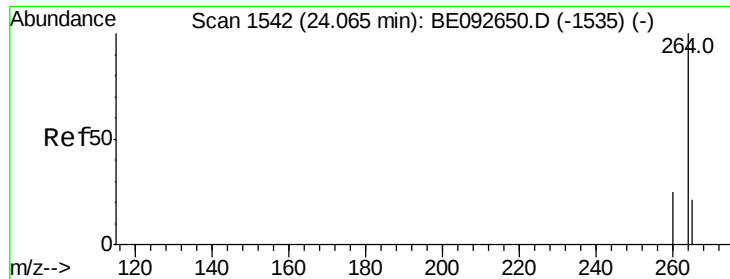
138 28.2 20.3 30.5

277 24.6 19.7 29.5



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

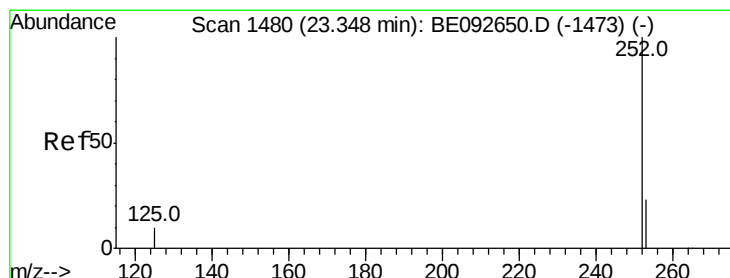
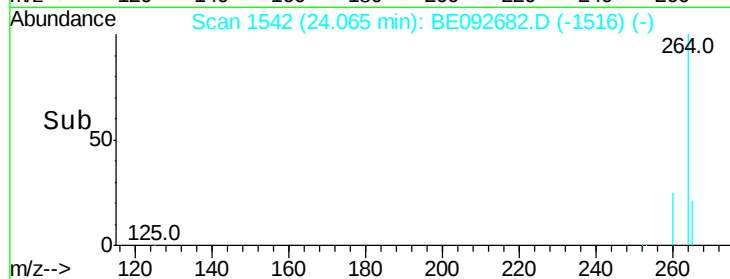
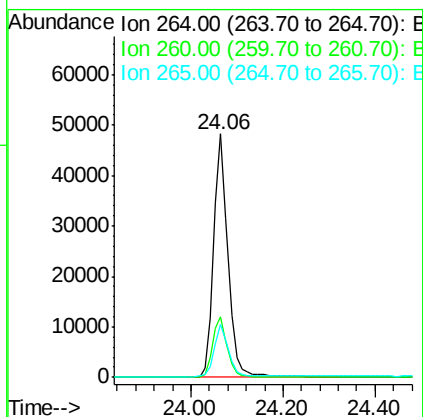
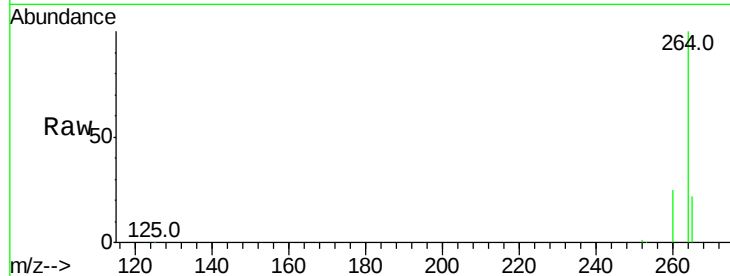




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

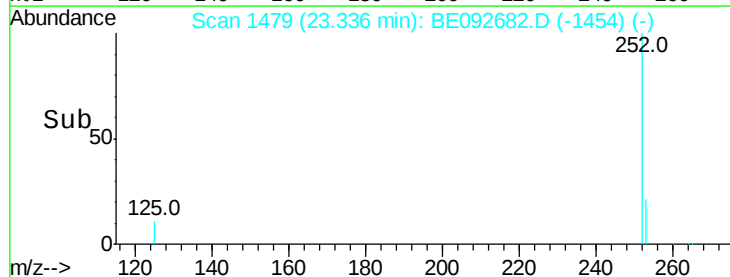
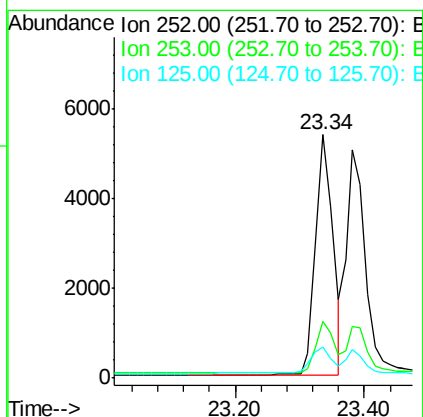
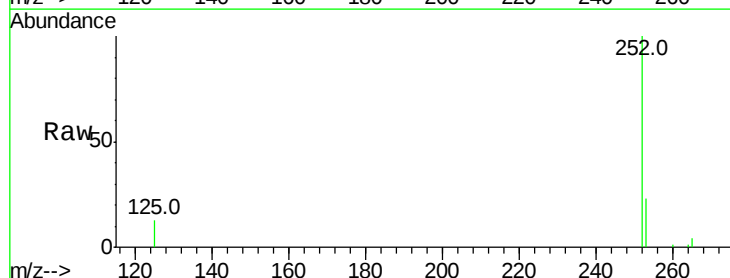
Instrument :
BNA_E
ClientSampleId :

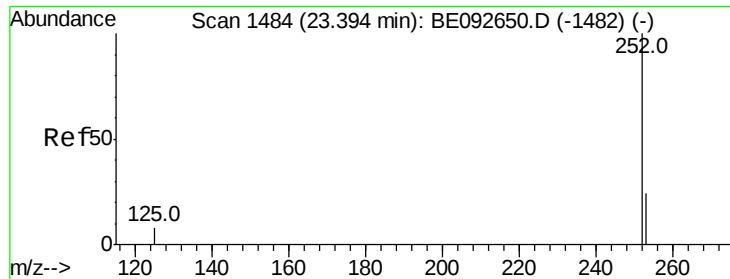
Tot Ion:264 Resp: 104263
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 21.9 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092682.D
Acq: 25 Jan 2017 1:26

Tgt Ion:252 Resp: 9854
Ion Ratio Lower Upper
252 100
253 23.1 18.7 28.1
125 13.0 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.42 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

Instrument :

BNA_E

ClientSampleId :

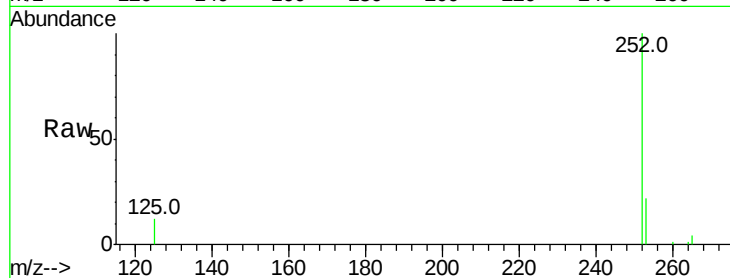
Tot Ion:252 Resp: 10701

Ion Ratio Lower Upper

252 100

253 22.4 20.3 30.5

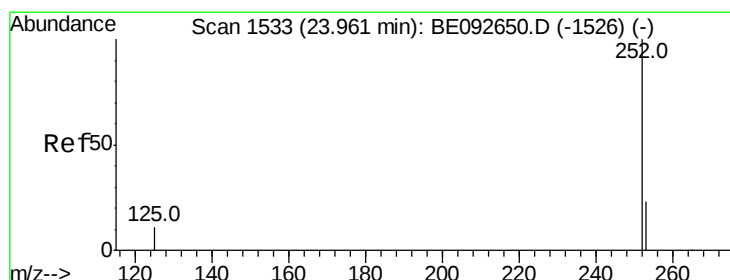
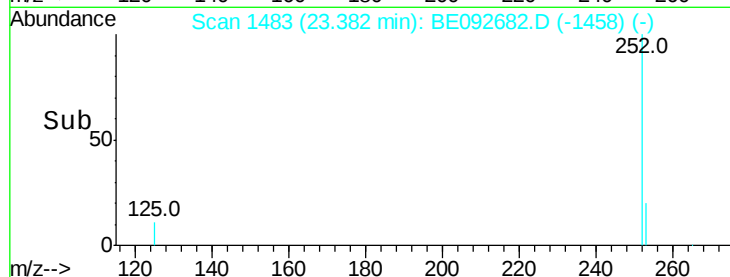
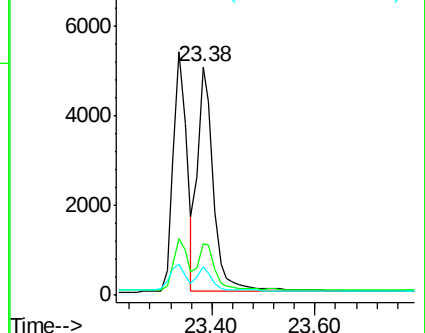
125 12.3 9.6 14.4



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



#34

Benzo(a)pyrene

Concen: 0.41 ng

RT: 23.96 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BE092682.D

Acq: 25 Jan 2017 1:26

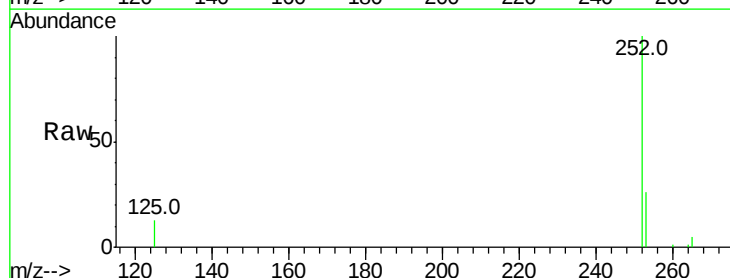
Tgt Ion:252 Resp: 9618

Ion Ratio Lower Upper

252 100

253 25.6 19.0 28.6

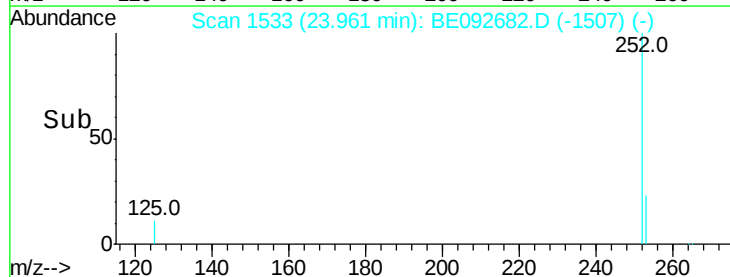
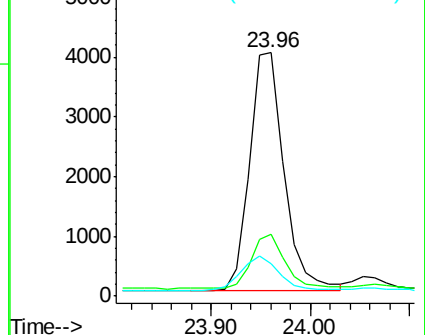
125 13.5 11.8 17.8

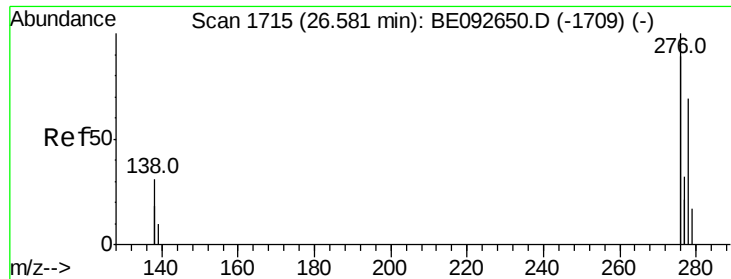


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

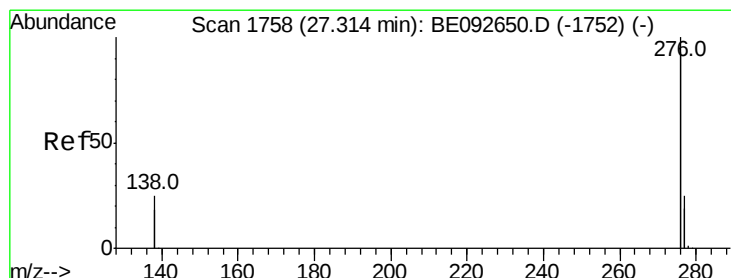
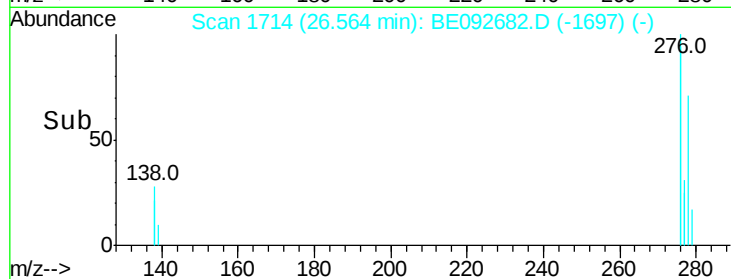
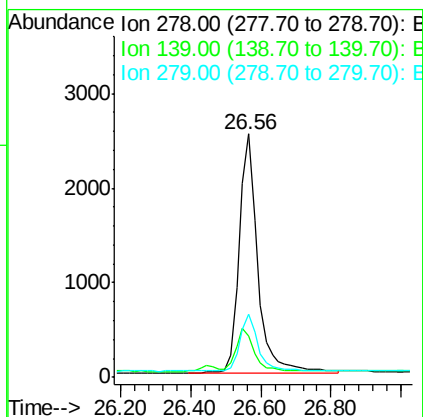
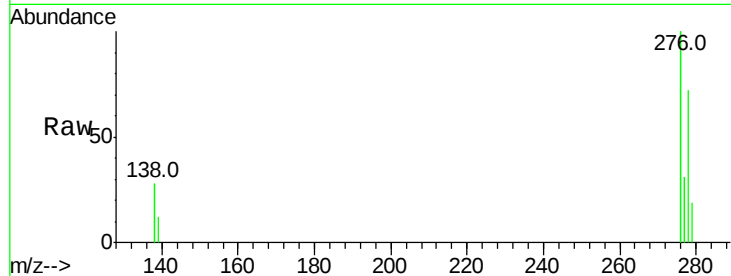




#35
 Dibenzo(a,h)anthracene
 Concen: 0.40 ng
 RT: 26.56 min Scan# 1714
 Delta R.T. -0.02 min
 Lab File: BE092682.D
 Acq: 25 Jan 2017 1:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:278 Resp: 9214
 Ion Ratio Lower Upper
 278 100
 139 16.9 13.8 20.8
 279 26.2 21.4 32.2



#36
 Benzo(g,h,i)perylene
 Concen: 0.39 ng
 RT: 27.30 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BE092682.D
 Acq: 25 Jan 2017 1:26

Tgt Ion:276 Resp: 38286
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.8 29.8
 138 25.7 19.8 29.6

