

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032917\
 Data File : BE092861.D
 Acq On : 29 Mar 2017 9:37
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 30 01:41:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 29 17:47:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	7536	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	34108	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	16880	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	37758	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	45044	5.00	ng	-0.02
31) Perylene-d12	23.70	264	38991	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	672	0.38	ng	0.00
5) Phenol-d6	6.94	99	974	0.38	ng	0.00
8) Nitrobenzene-d5	8.92	82	779	0.40	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	103	0.39	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	2242	0.40	ng	-0.01
26) Terphenyl-d14	19.74	244	2674	0.34	ng	-0.02

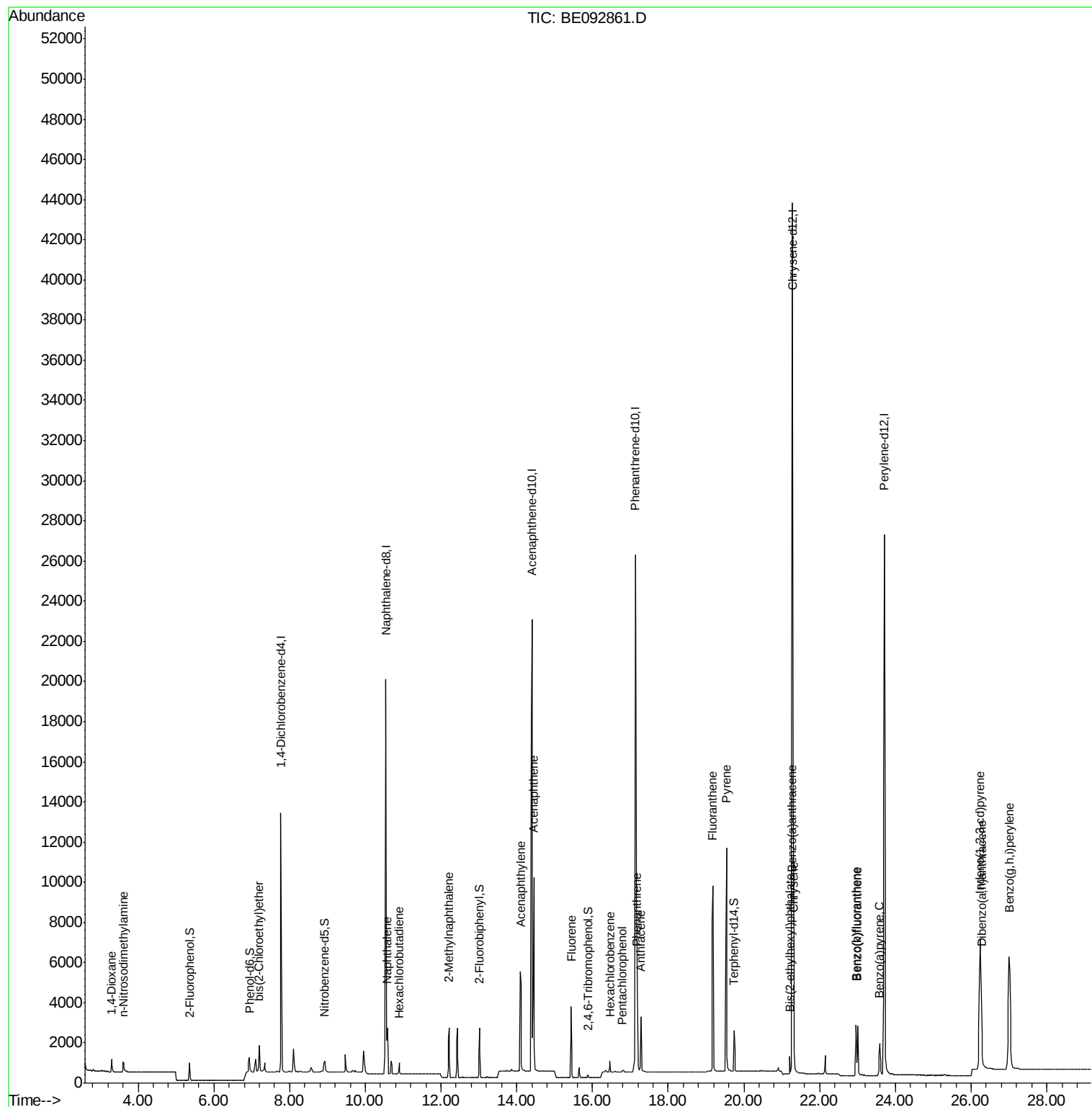
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	410	0.41	ng	93
3) n-Nitrosodimethylamine	3.61	42	409	0.39	ng	84
6) bis(2-Chloroethyl)ether	7.20	93	1014	0.41	ng	# 50
9) Naphthalene	10.58	128	3036	0.41	ng	99
10) Hexachlorobutadiene	10.89	225	394	0.39	ng	98
11) 2-Methylnaphthalene	12.21	142	1819	0.38	ng	92
15) Acenaphthylene	14.09	152	8996	0.35	ng	100
16) Acenaphthene	14.45	154	1758	0.38	ng	84
17) Fluorene	15.44	166	2073	0.38	ng	98
19) Hexachlorobenzene	16.47	284	605	0.43	ng	# 64
20) Pentachlorophenol	16.79	266	133	0.51	ng	# 88
21) Phenanthrene	17.18	178	4341	0.47	ng	# 94
22) Anthracene	17.27	178	3283	0.39	ng	99
23) Fluoranthene	19.18	202	14473	0.34	ng	98
25) Pyrene	19.54	202	15483	0.35	ng	99
27) Benzo(a)anthracene	21.26	228	4010	0.38	ng	96
28) Chrysene	21.31	228	4349	0.39	ng	# 79
29) Bis(2-ethylhexyl)phthalate	21.21	149	871	0.33	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.24	276	14203	0.34	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	3509	0.34	ng	97
33) Benzo(k)fluoranthene	23.01	252	3256	0.35	ng	# 95
34) Benzo(a)pyrene	23.58	252	2750	0.32	ng	# 96
35) Dibenzo(a,h)anthracene	26.27	278	3133	0.34	ng	96
36) Benzo(g,h,i)perylene	27.00	276	13233	0.35	ng	# 93

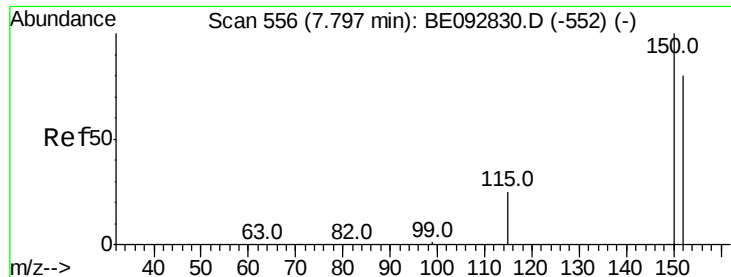
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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QLast Update : Wed Mar 29 17:47:56 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

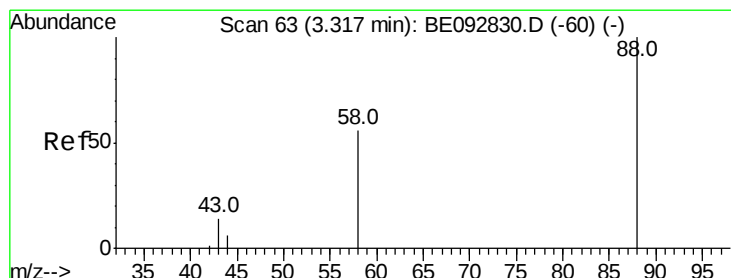
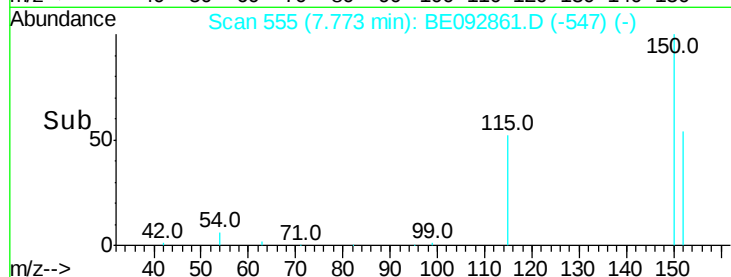
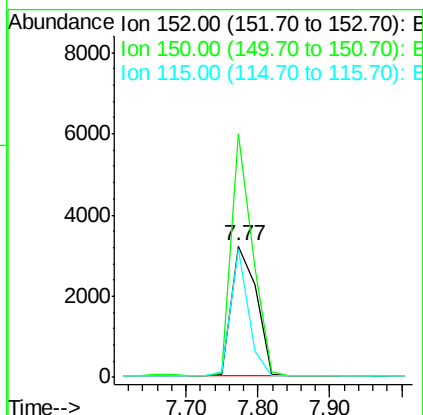
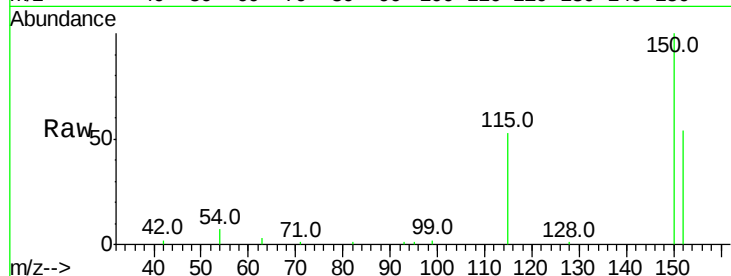
Tot Ion:152 Resp: 7536

Ion Ratio Lower Upper

152 100

150 185.6 106.0 159.0#

115 98.2 31.2 46.8#



#2

1,4-Dioxane

Concen: 0.41 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.01 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

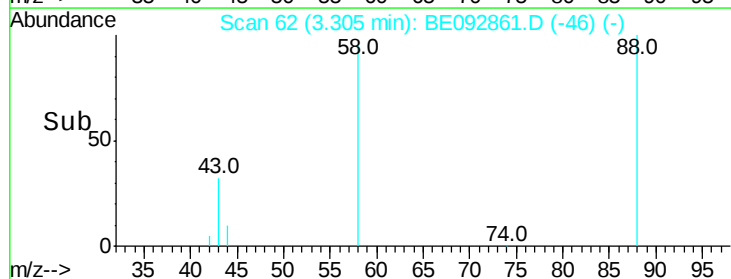
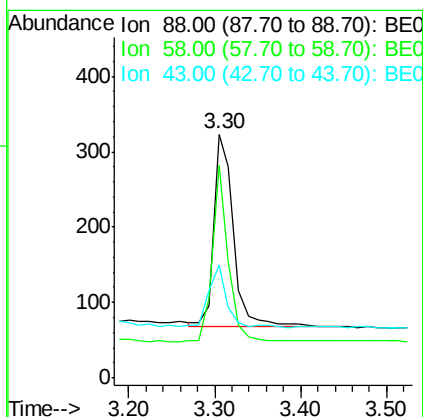
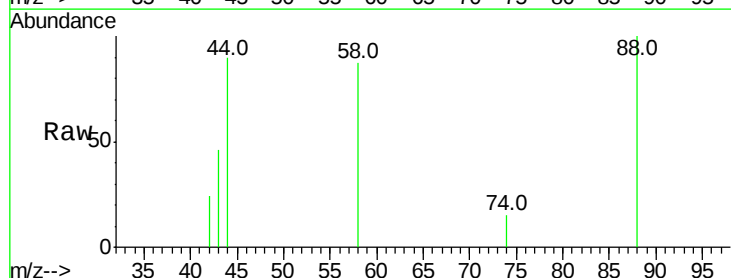
Tgt Ion: 88 Resp: 410

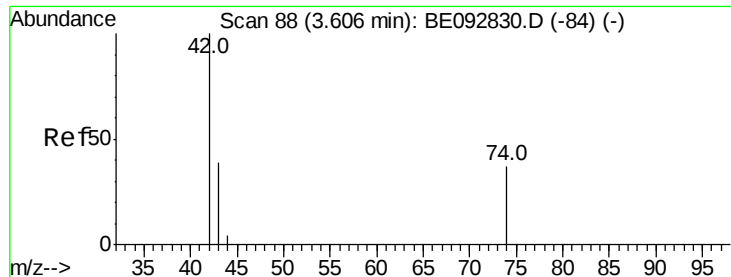
Ion Ratio Lower Upper

88 100

58 73.7 63.6 95.4

43 30.2 28.0 42.0



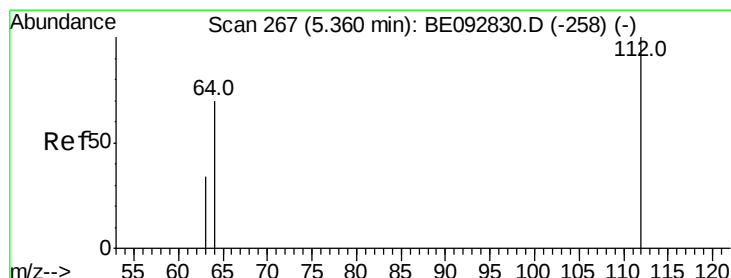
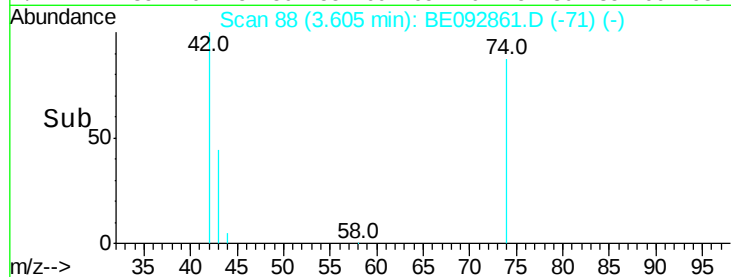
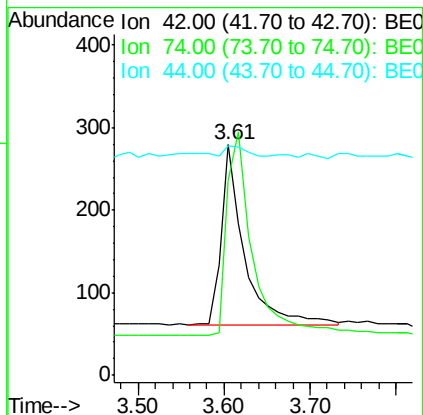
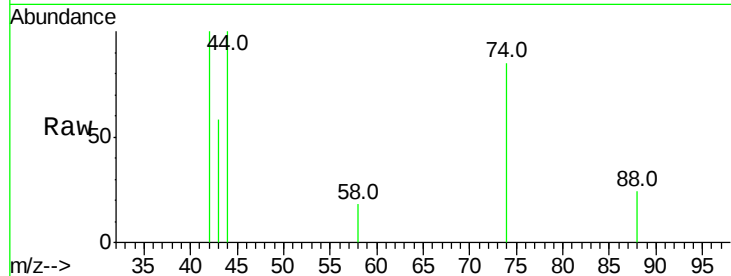


#3

n-Nitrosodimethylamine
 Concen: 0.39 ng
 RT: 3.61 min Scan# 88
 Delta R.T. -0.00 min
 Lab File: BE092861.D
 Acq: 29 Mar 2017 9:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

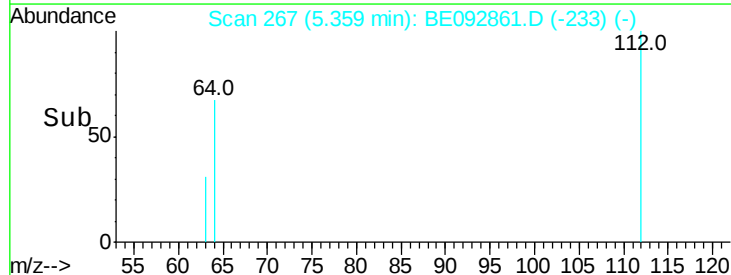
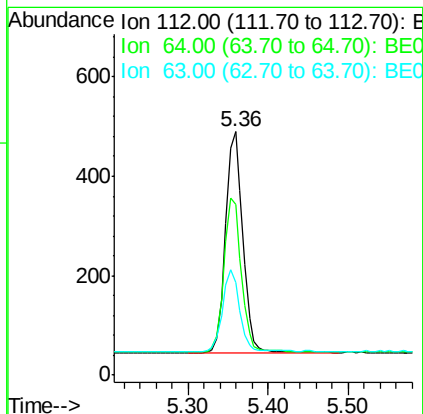
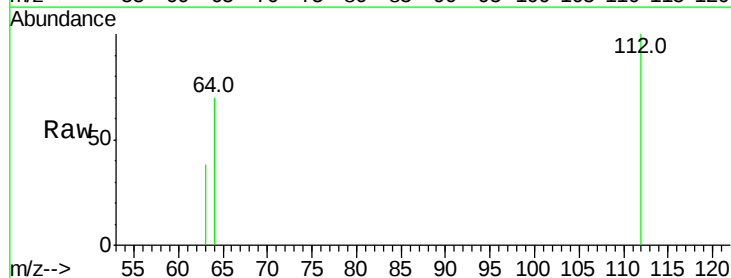
Tot Ion: 42 Resp: 409
 Ion Ratio Lower Upper
 42 100
 74 124.9 86.0 129.0
 44 6.1 5.1 7.7

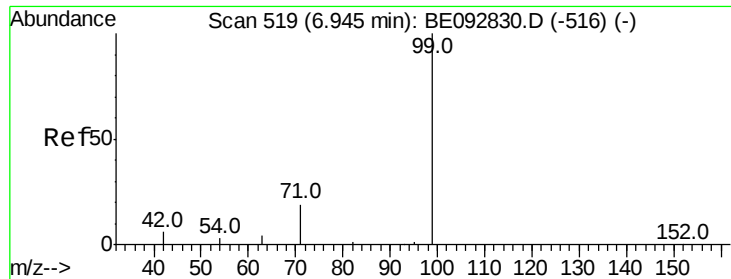


#4

2-Fluorophenol
 Concen: 0.38 ng
 RT: 5.36 min Scan# 267
 Delta R.T. -0.00 min
 Lab File: BE092861.D
 Acq: 29 Mar 2017 9:37

Tgt Ion: 112 Resp: 672
 Ion Ratio Lower Upper
 112 100
 64 69.9 53.5 80.3
 63 35.4 27.9 41.9





#5

Phenol-d6

Concen: 0.38 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

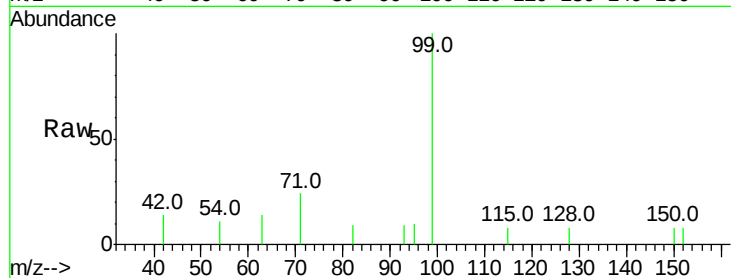
Tot Ion: 99 Resp: 974

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

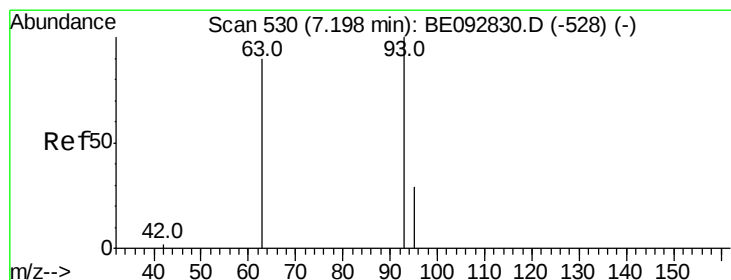
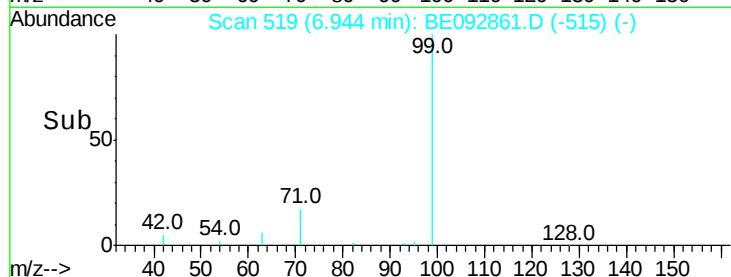
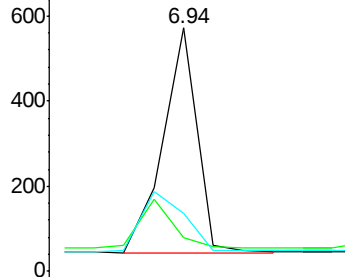
71 0.0 30.6 45.8#



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: 0.41 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

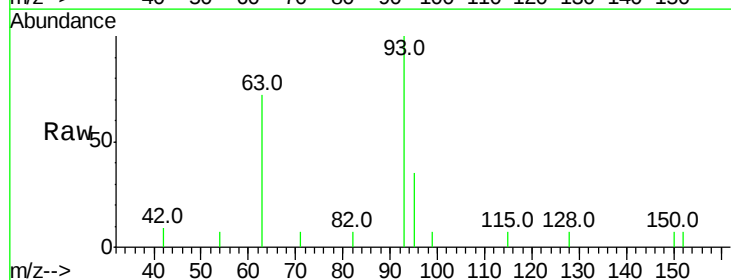
Tgt Ion: 93 Resp: 1014

Ion Ratio Lower Upper

93 100

63 76.8 16.0 24.0#

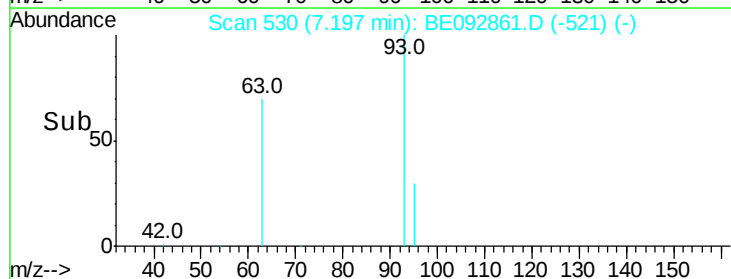
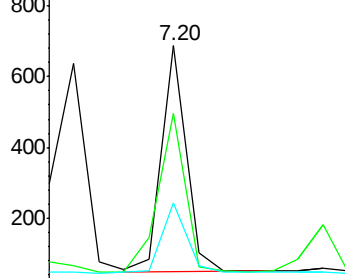
95 30.3 24.0 36.0

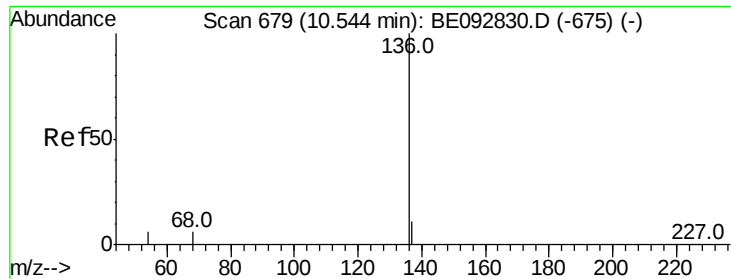


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.55 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 34108

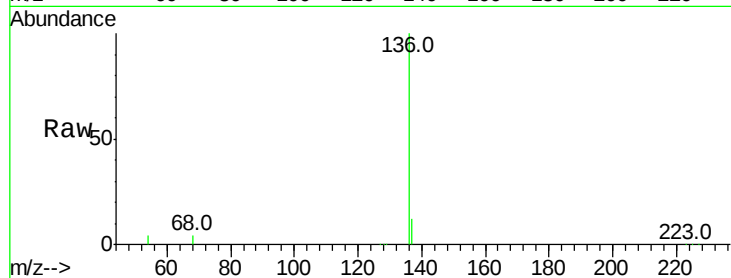
Ion Ratio Lower Upper

136 100

137 12.0 8.2 12.4

54 4.0 9.6 14.4#

68 4.1 6.7 10.1#

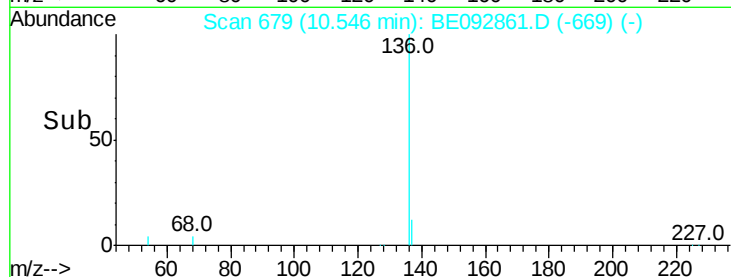


Abundance Ion 136.00 (135.70 to 136.70): E

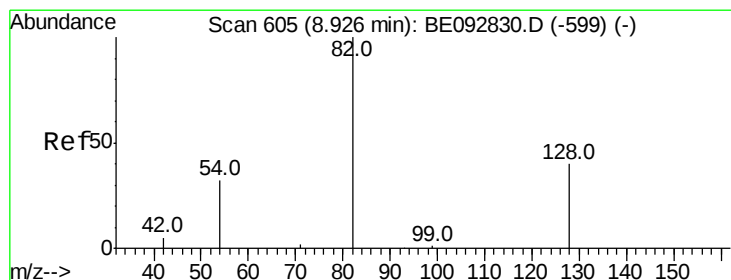
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.40 ng

RT: 8.92 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

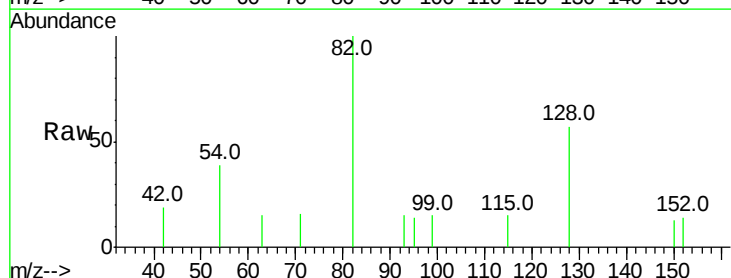
Tgt Ion: 82 Resp: 779

Ion Ratio Lower Upper

82 100

128 56.8 39.0 58.4

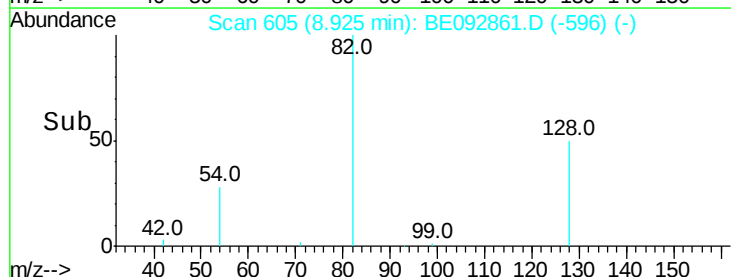
54 38.6 44.8 67.2#



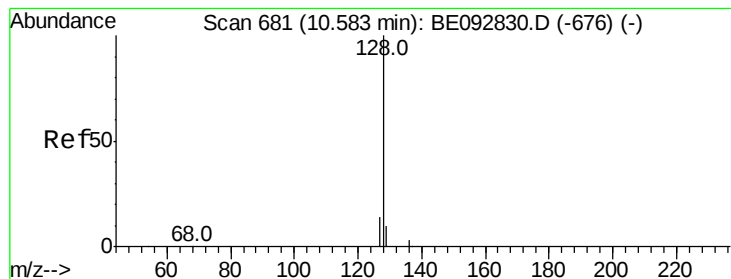
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.41 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

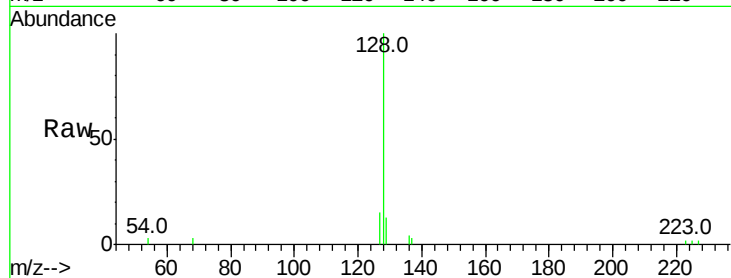
Tot Ion:128 Resp: 3036

Ion Ratio Lower Upper

128 100

129 12.9 11.2 16.8

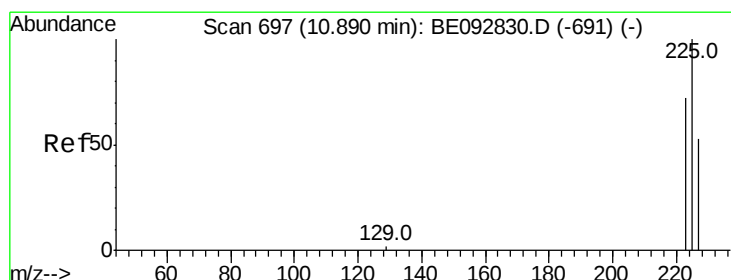
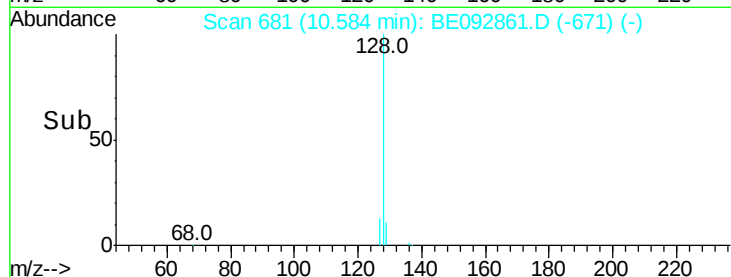
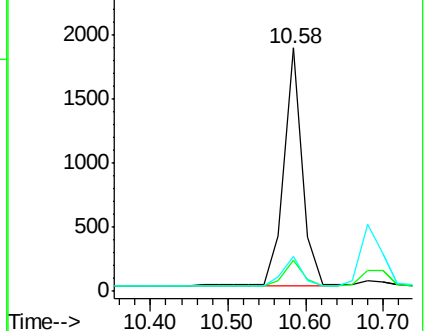
127 14.6 11.6 17.4



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: 0.39 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

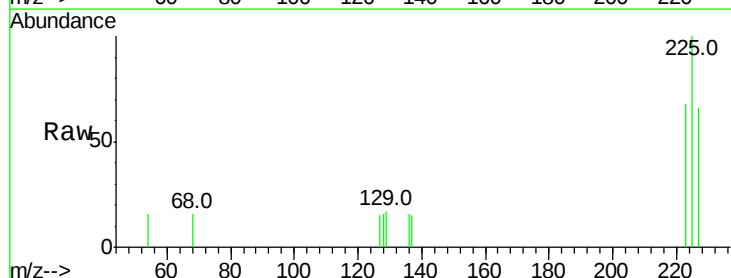
Tgt Ion:225 Resp: 394

Ion Ratio Lower Upper

225 100

223 65.0 50.6 76.0

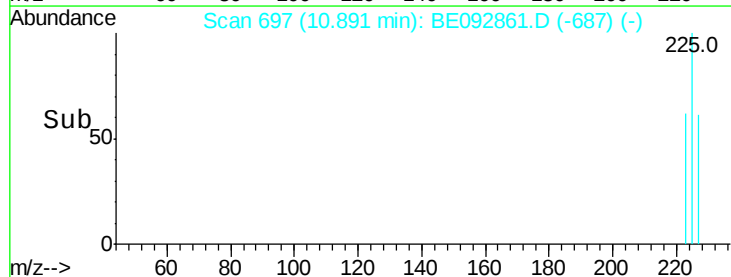
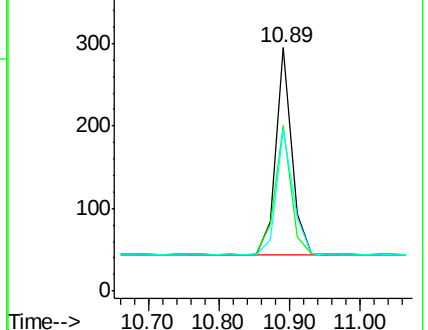
227 63.2 51.4 77.0

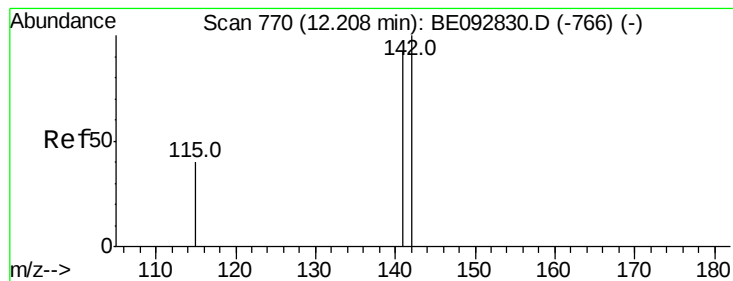


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.38 ng

RT: 12.21 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

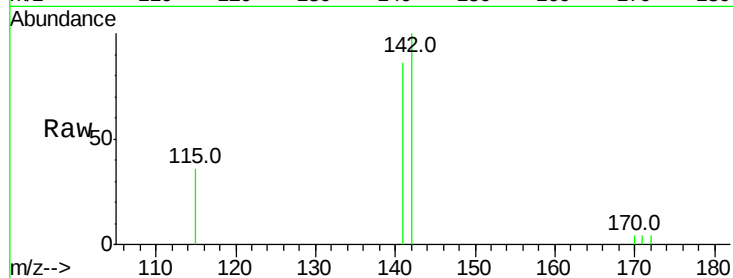
Tot Ion:142 Resp: 1819

Ion Ratio Lower Upper

142 100

141 85.6 73.7 110.5

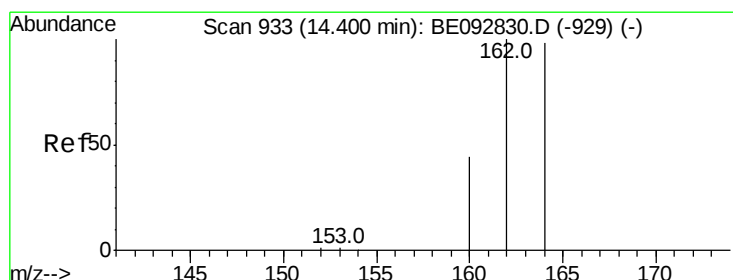
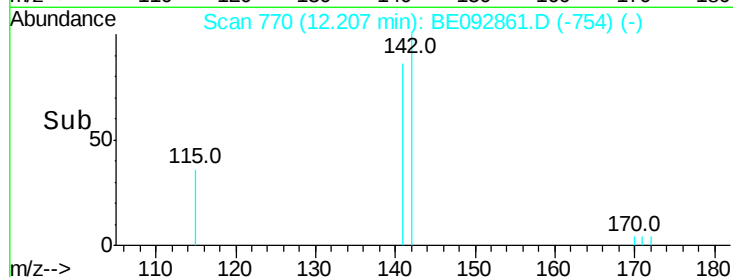
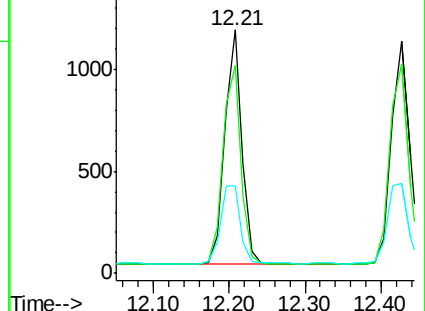
115 35.8 34.0 51.0



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: 14.40 min Scan# 933

Delta R.T. -0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

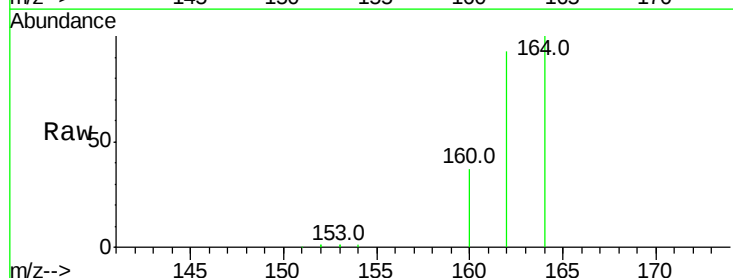
Tgt Ion:164 Resp: 16880

Ion Ratio Lower Upper

164 100

162 93.3 71.4 107.0

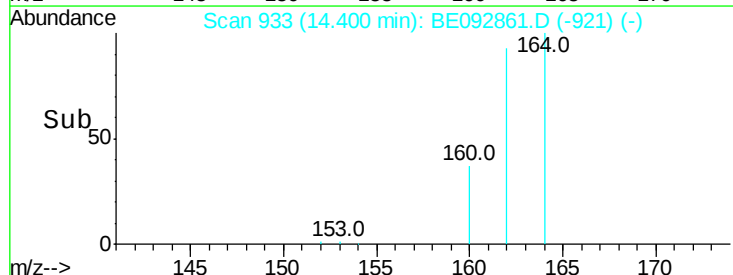
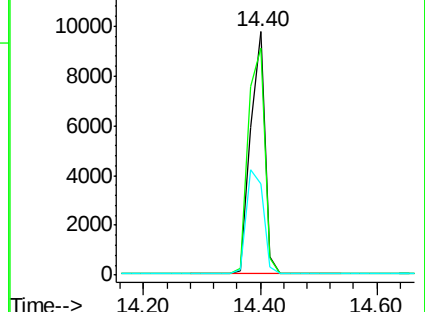
160 37.4 27.4 41.2

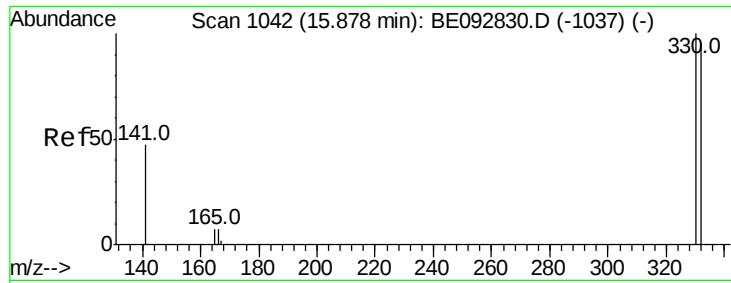


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

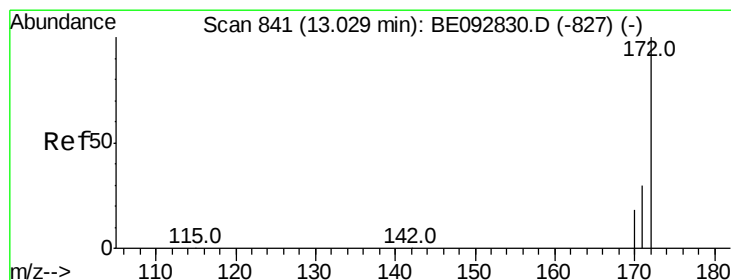
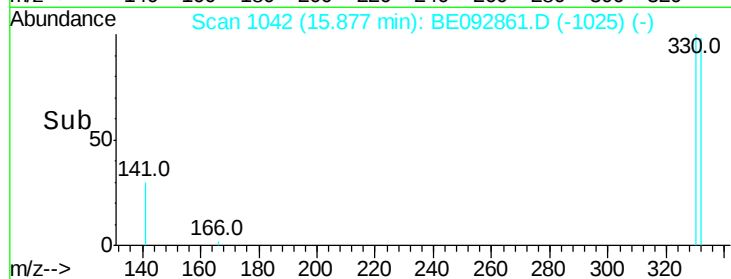
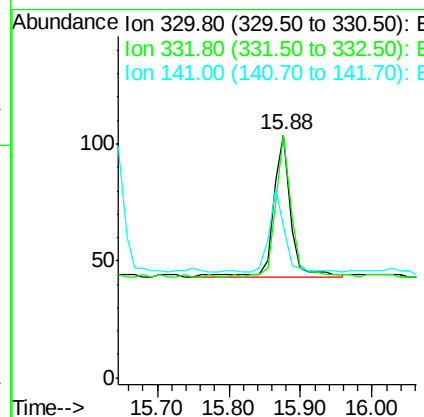
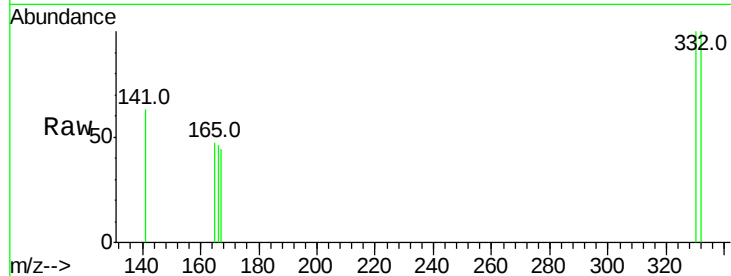




#13
 2,4,6-Tribromophenol
 Concen: 0.39 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE092861.D
 Acq: 29 Mar 2017 9:37

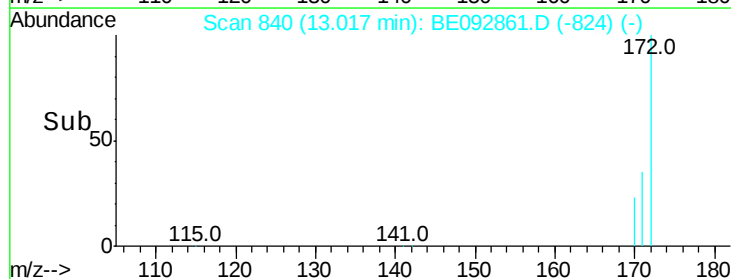
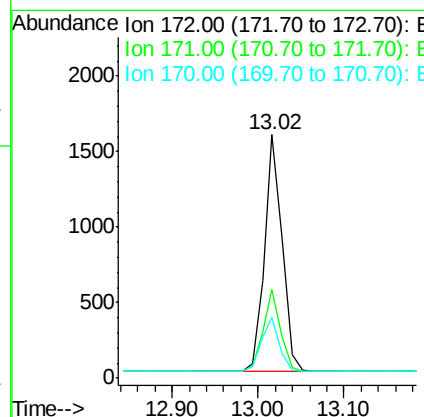
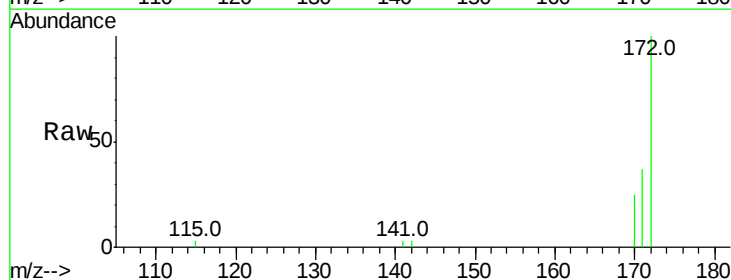
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

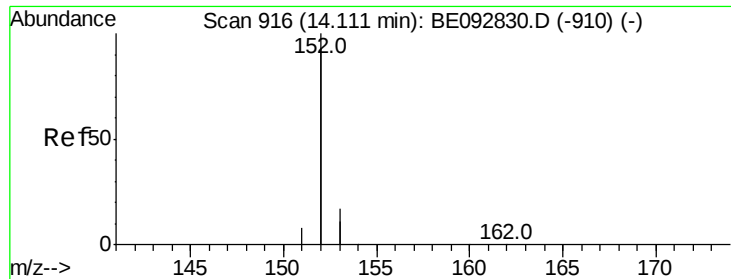
Tot Ion:330 Resp: 103
 Ion Ratio Lower Upper
 330 100
 332 93.2 75.4 113.0
 141 54.4 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092861.D
 Acq: 29 Mar 2017 9:37

Tgt Ion:172 Resp: 2242
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.1 45.1
 170 24.7 21.8 32.6

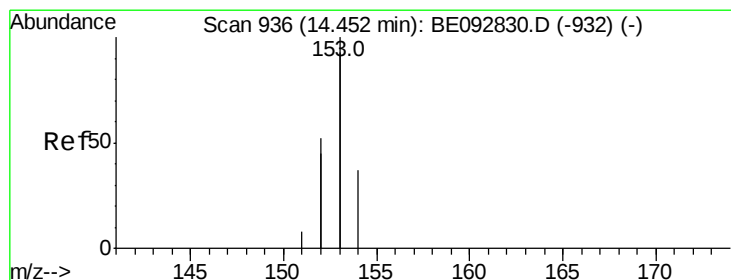
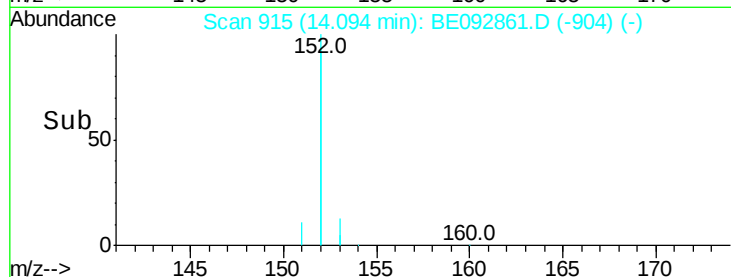
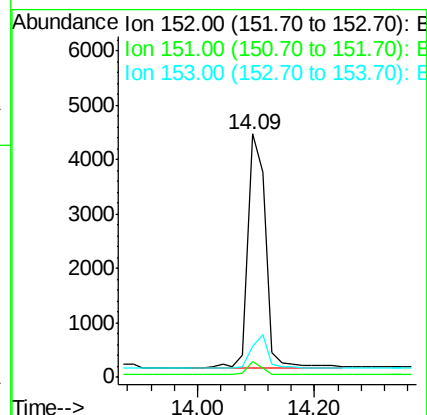
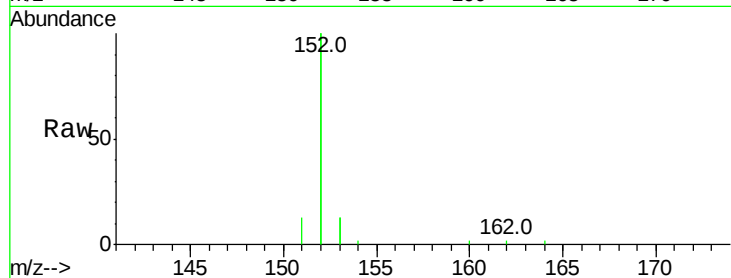




#15
Acenaphthylene
Concen: 0.35 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE092861.D
Acq: 29 Mar 2017 9:37

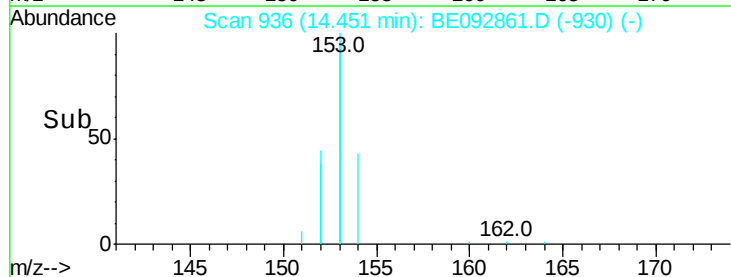
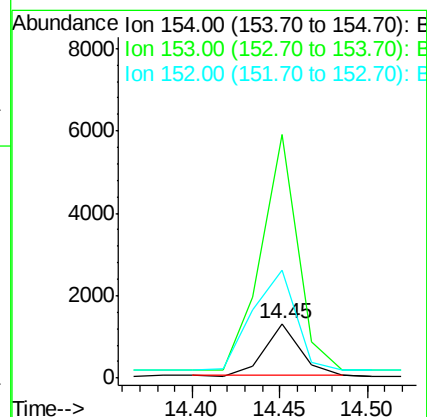
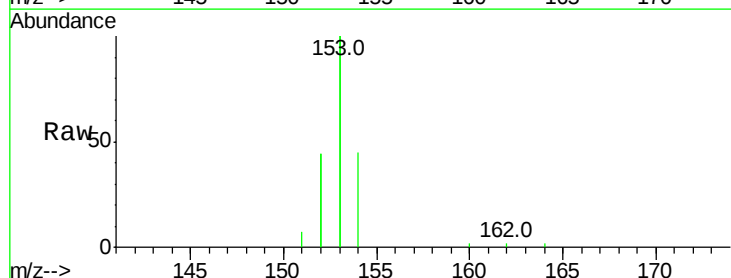
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

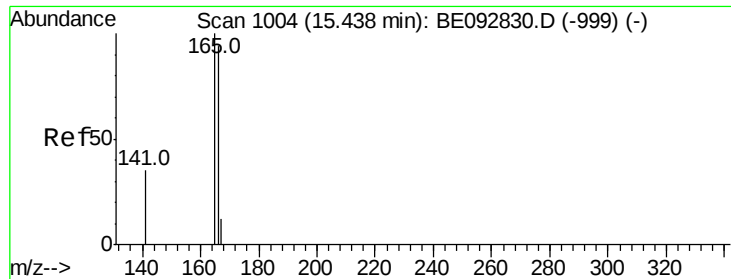
Tot Ion:152 Resp: 8996
Ion Ratio Lower Upper
152 100
151 5.0 3.9 5.9
153 12.9 10.4 15.6



#16
Acenaphthene
Concen: 0.38 ng
RT: 14.45 min Scan# 936
Delta R.T. -0.00 min
Lab File: BE092861.D
Acq: 29 Mar 2017 9:37

Tgt Ion:154 Resp: 1758
Ion Ratio Lower Upper
154 100
153 479.4 350.8 526.2
152 239.8 171.1 256.7





#17

Fluorene

Concen: 0.38 ng

RT: 15.44 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

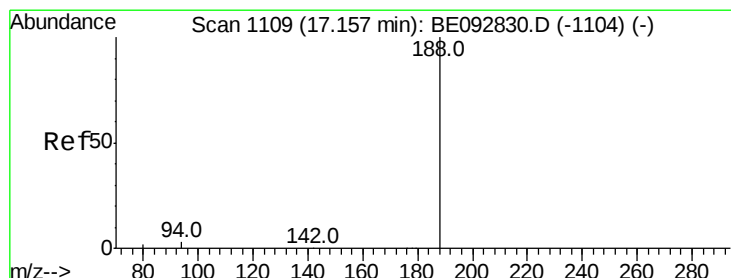
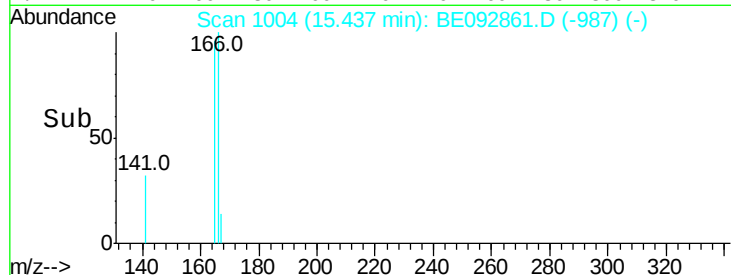
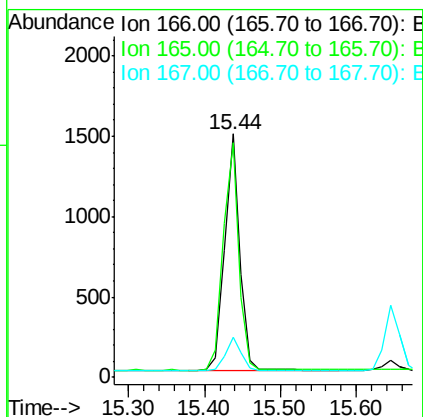
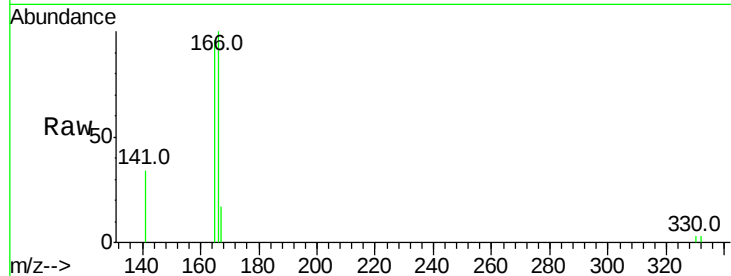
Tot Ion:166 Resp: 2073

Ion Ratio Lower Upper

166 100

165 99.9 78.2 117.4

167 14.0 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.13 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

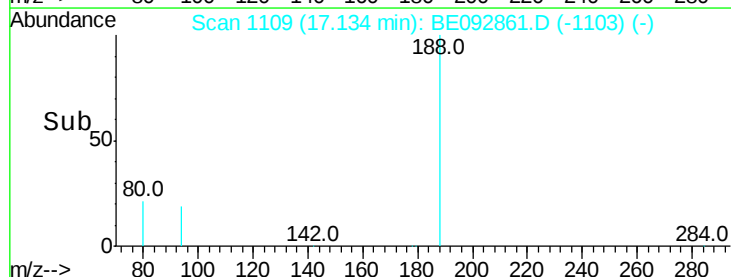
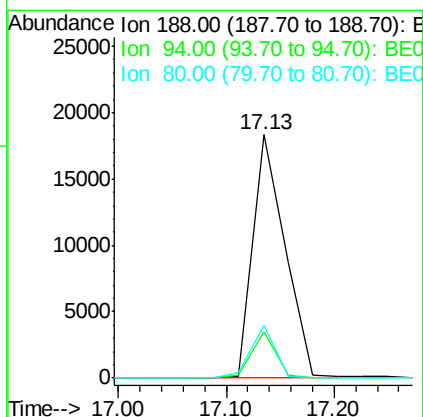
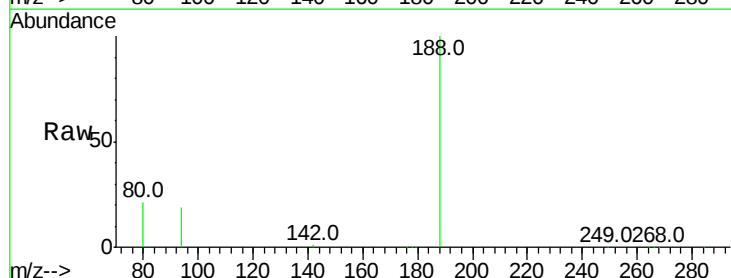
Tgt Ion:188 Resp: 37758

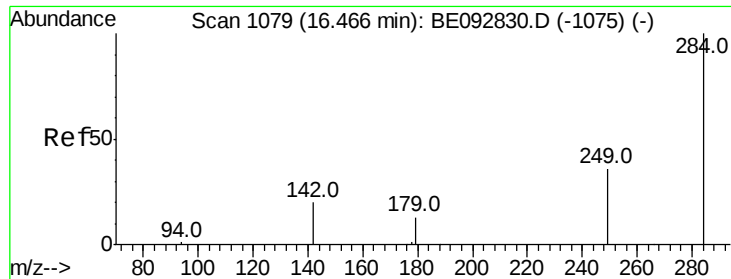
Ion Ratio Lower Upper

188 100

94 19.3 3.2 4.8#

80 21.5 2.6 3.8#

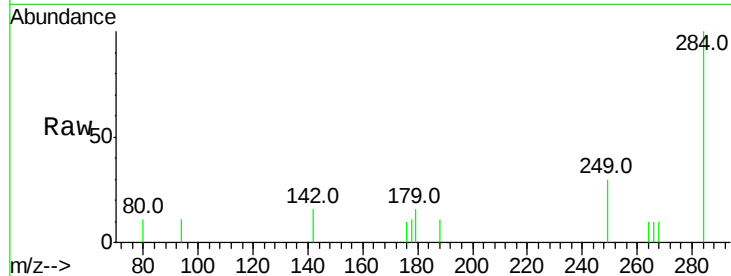




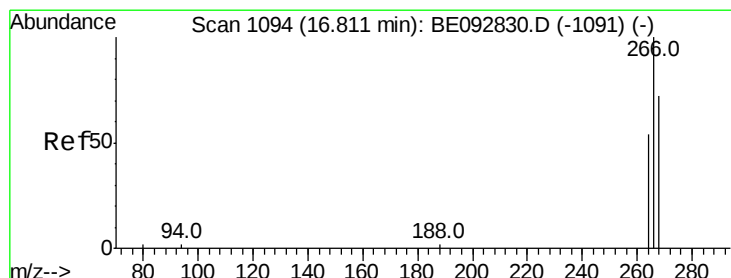
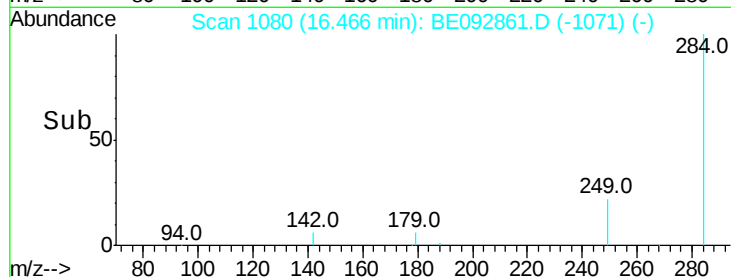
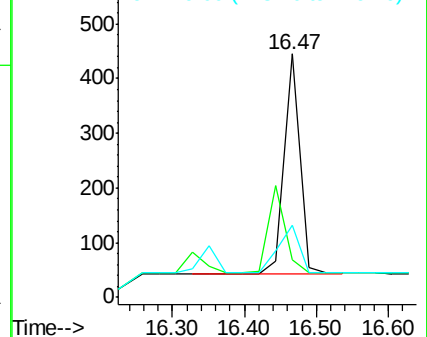
#19
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.47 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092861.D
Acq: 29 Mar 2017 9:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 605
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 29.8 27.9 41.9

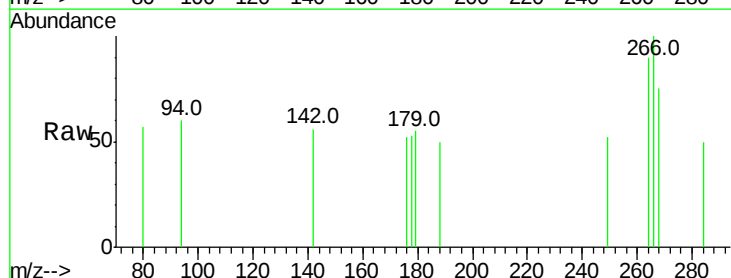


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

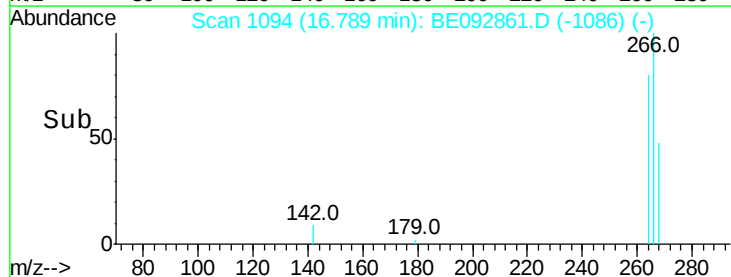
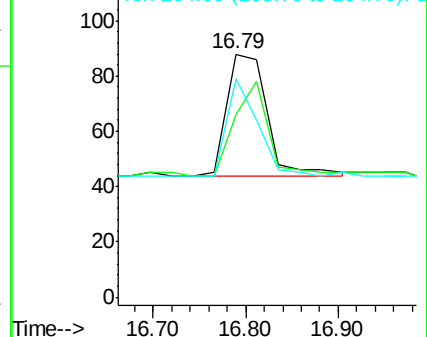


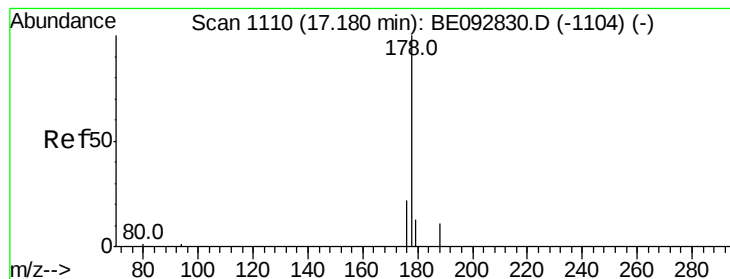
#20
Pentachlorophenol
Concen: 0.51 ng
RT: 16.79 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BE092861.D
Acq: 29 Mar 2017 9:37

Tgt Ion:266 Resp: 133
Ion Ratio Lower Upper
266 100
268 75.0 62.5 93.7
264 89.8 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: 0.47 ng

RT: 17.18 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

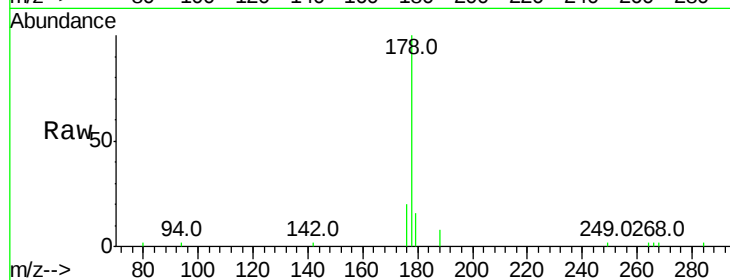
Tot Ion:178 Resp: 4341

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

179 15.6 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

4000

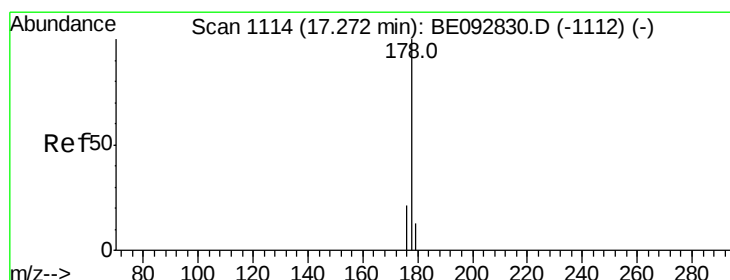
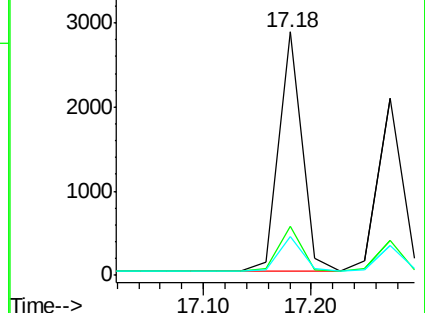
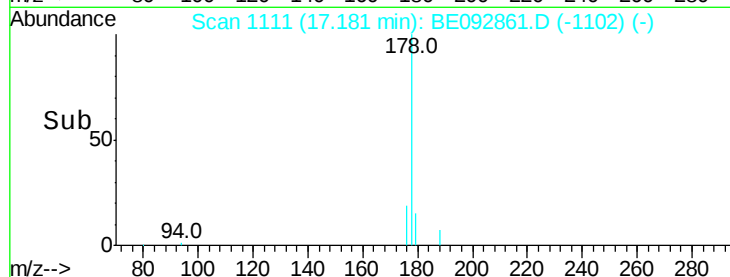
3000

2000

1000

0

Time-->



#22

Anthracene

Concen: 0.39 ng

RT: 17.27 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

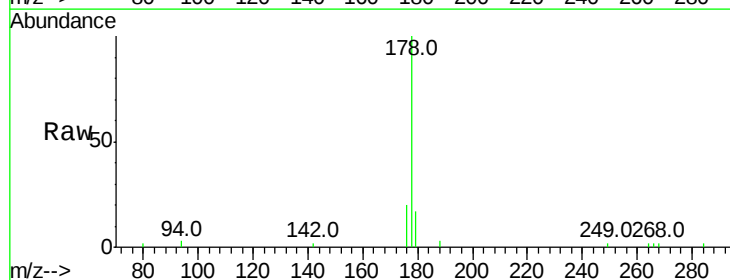
Tgt Ion:178 Resp: 3283

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

179 15.3 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

4000

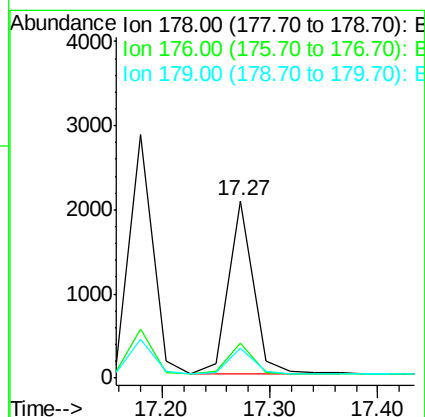
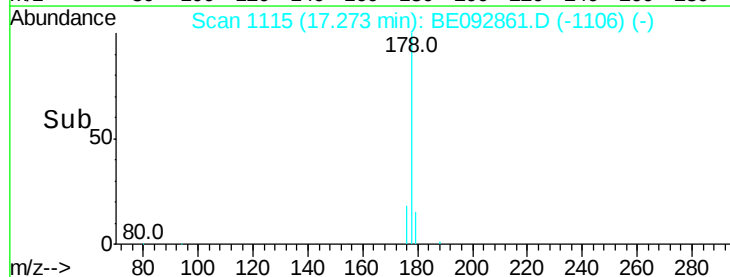
3000

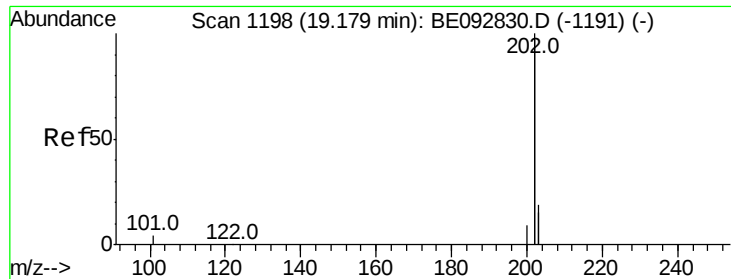
2000

1000

0

Time-->





#23

Fluoranthene

Concen: 0.34 ng

RT: 19.18 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

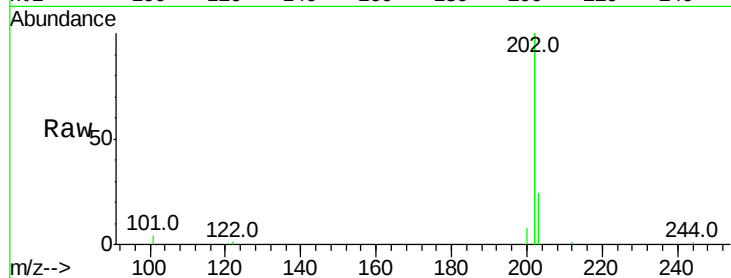
Tot Ion:202 Resp: 14473

Ion Ratio Lower Upper

202 100

101 3.3 2.2 3.4

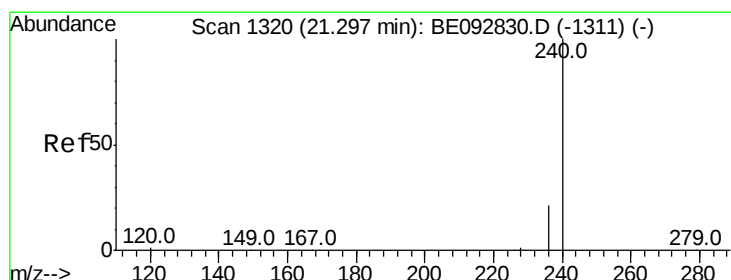
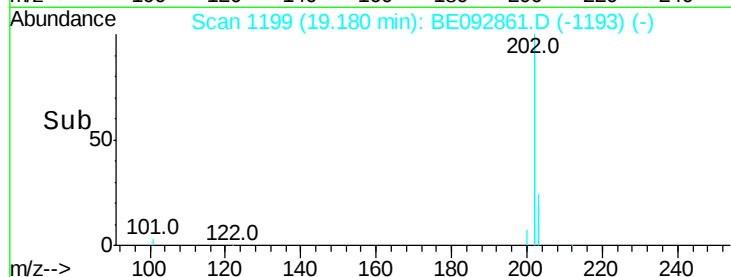
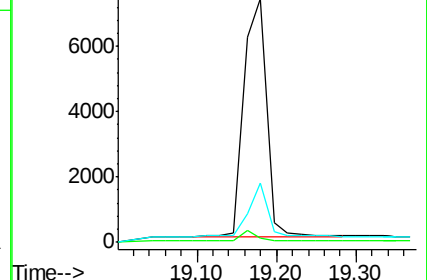
203 17.8 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

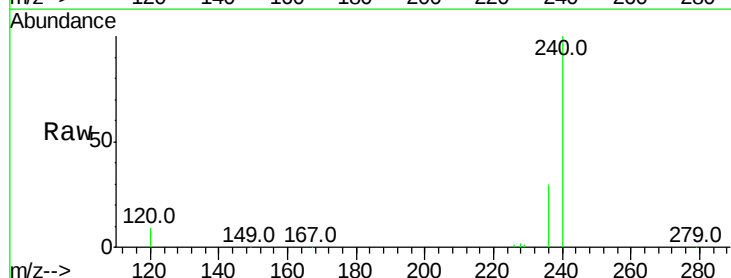
Tgt Ion:240 Resp: 45044

Ion Ratio Lower Upper

240 100

120 9.0 2.6 4.0#

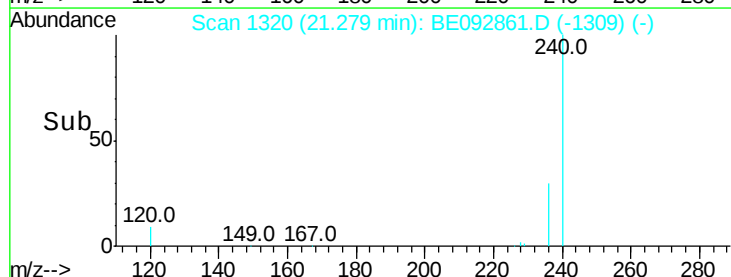
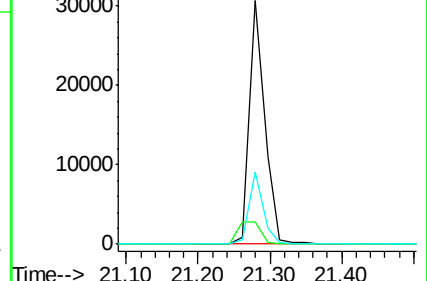
236 29.9 24.6 37.0

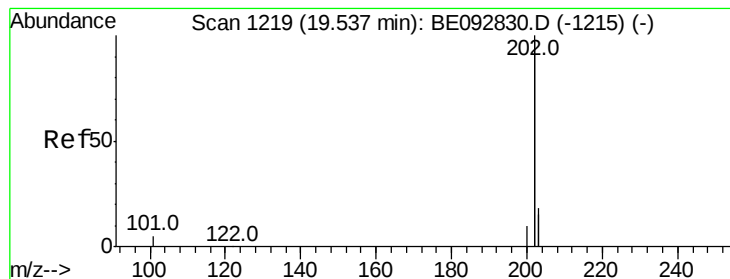


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.35 ng

RT: 19.54 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

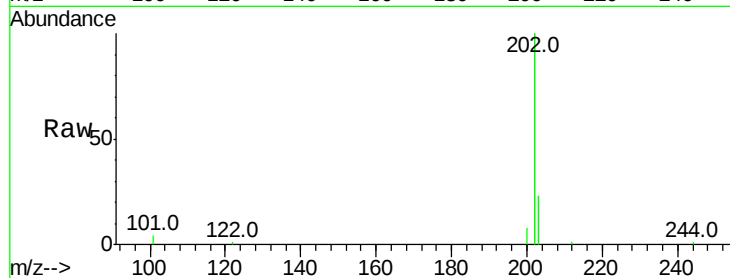
Tot Ion:202 Resp: 15483

Ion Ratio Lower Upper

202 100

200 5.1 4.2 6.4

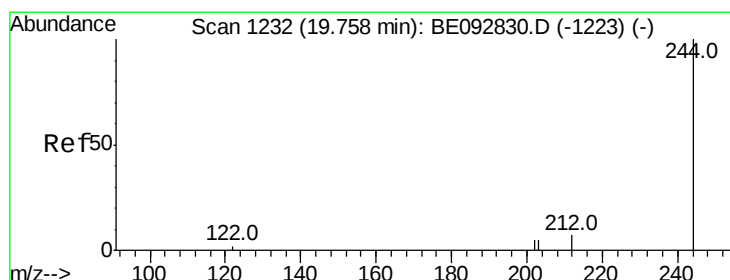
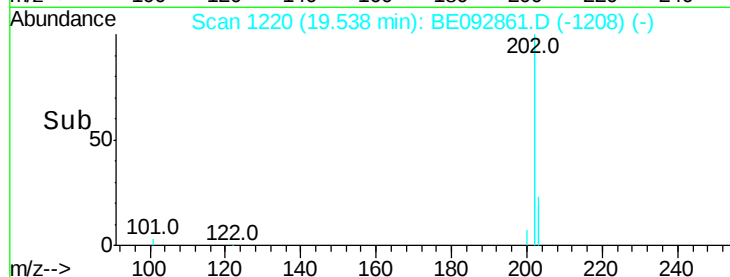
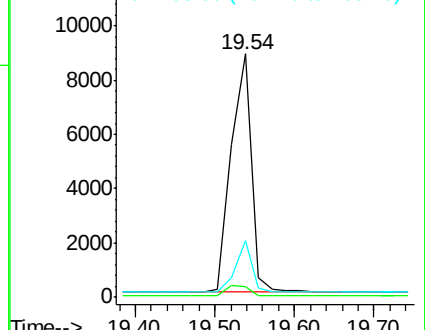
203 18.0 13.9 20.9



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



#26

Terphenyl-d14

Concen: 0.34 ng

RT: 19.74 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

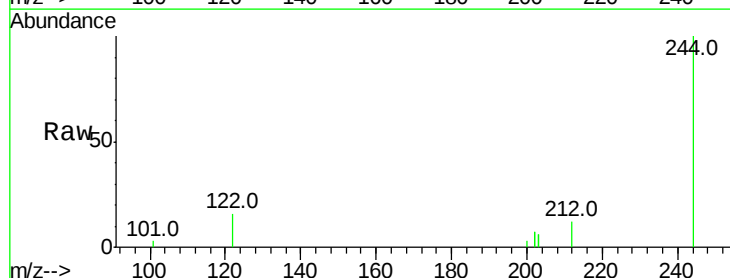
Tgt Ion:244 Resp: 2674

Ion Ratio Lower Upper

244 100

212 12.1 6.7 10.1#

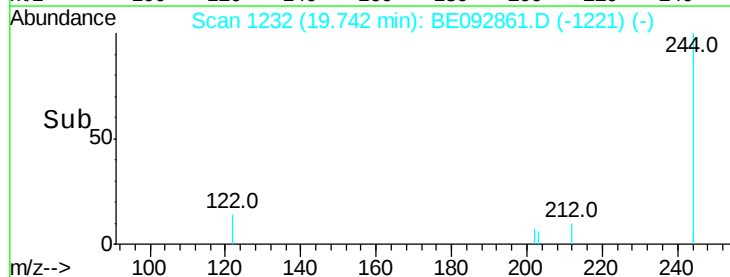
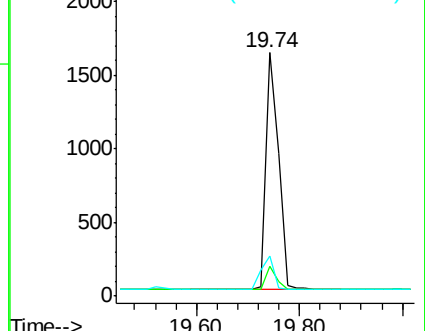
122 16.4 3.6 5.4#

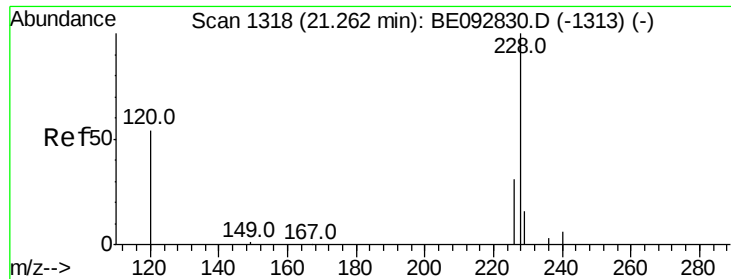


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.38 ng

RT: 21.26 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

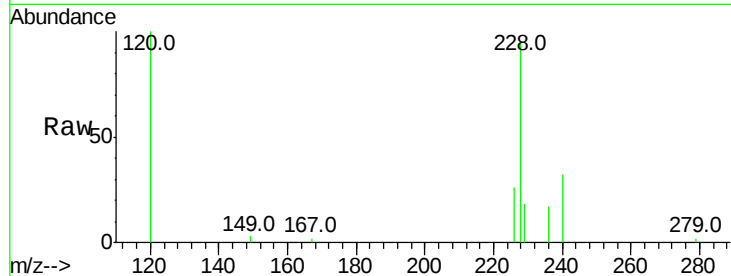
Tot Ion:228 Resp: 4010

Ion Ratio Lower Upper

228 100

226 27.9 23.6 35.4

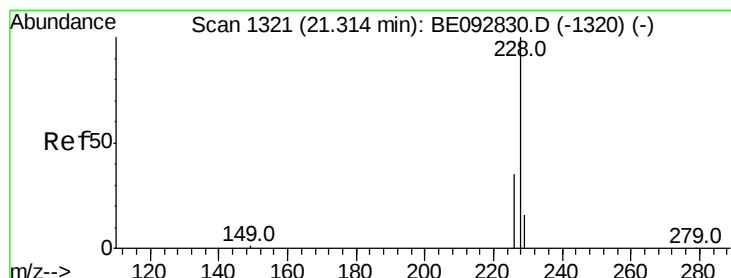
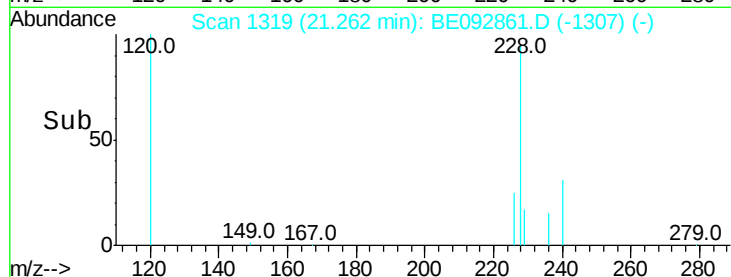
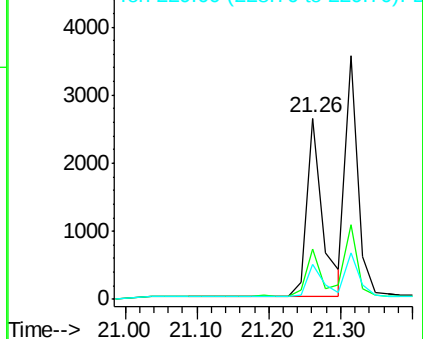
229 19.5 13.3 19.9



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



#28

Chrysene

Concen: 0.39 ng

RT: 21.31 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

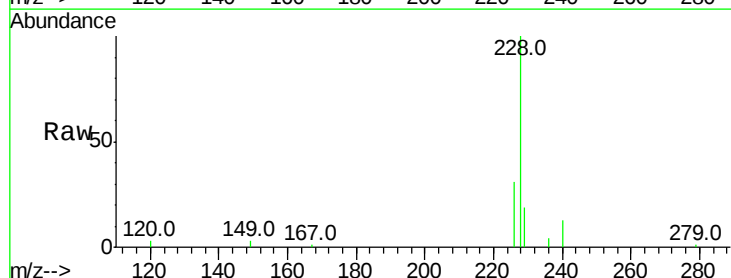
Tgt Ion:228 Resp: 4349

Ion Ratio Lower Upper

228 100

226 30.6 36.3 54.5#

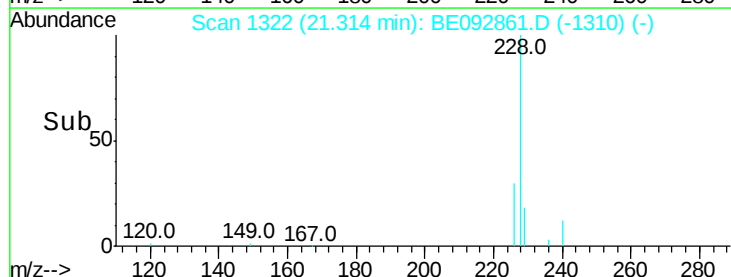
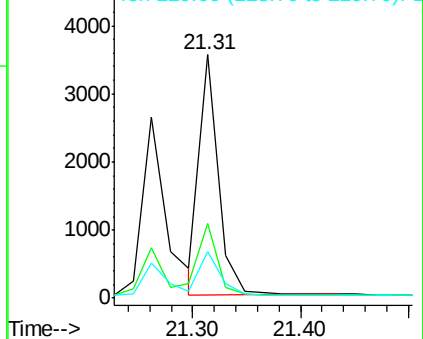
229 19.0 10.6 16.0#

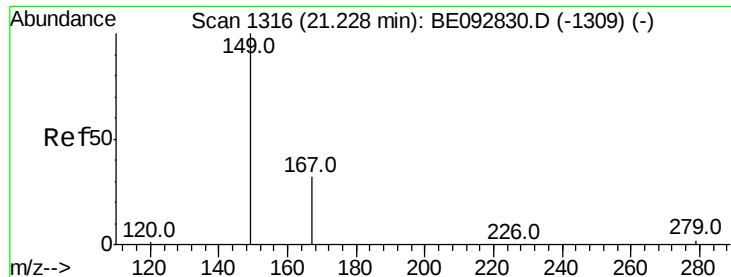


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.33 ng

RT: 21.21 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

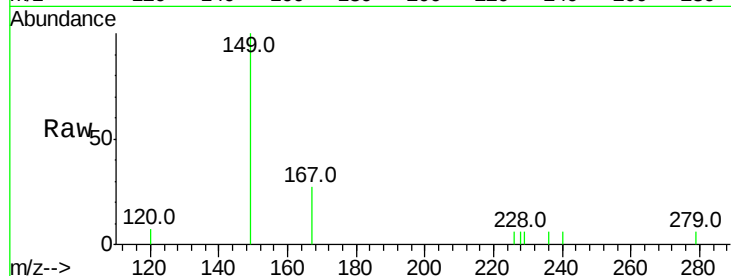
Tot Ion:149 Resp: 871

Ion Ratio Lower Upper

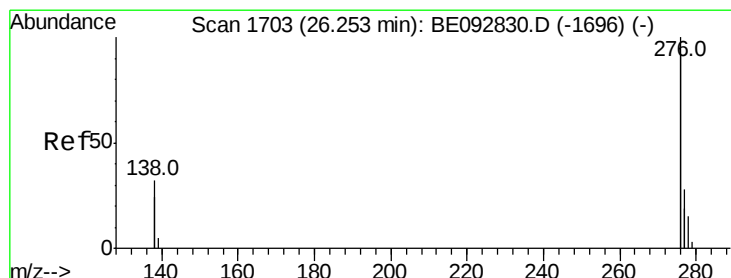
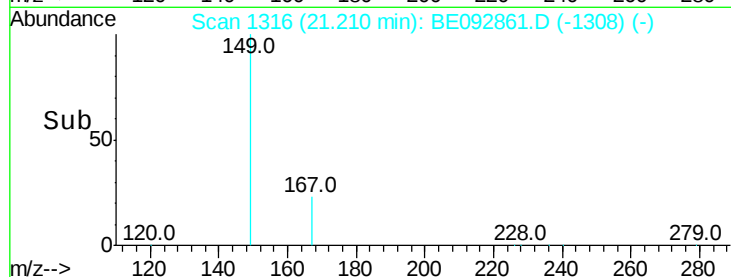
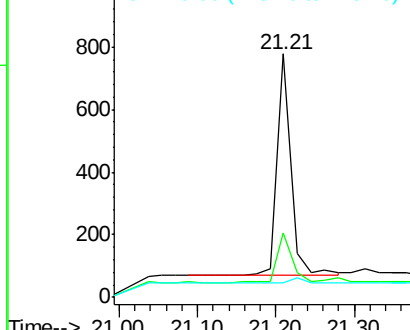
149 100

167 24.3 16.0 24.0#

279 2.6 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: 0.34 ng

RT: 26.24 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

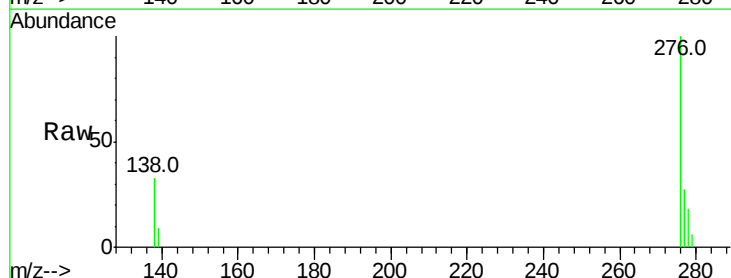
Tgt Ion:276 Resp: 14203

Ion Ratio Lower Upper

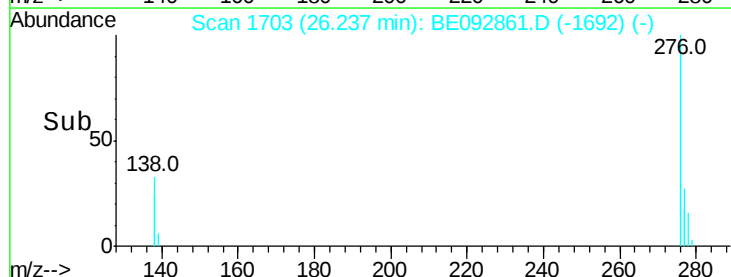
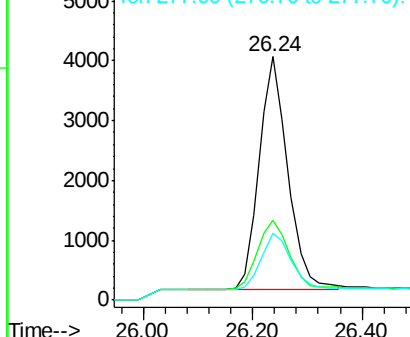
276 100

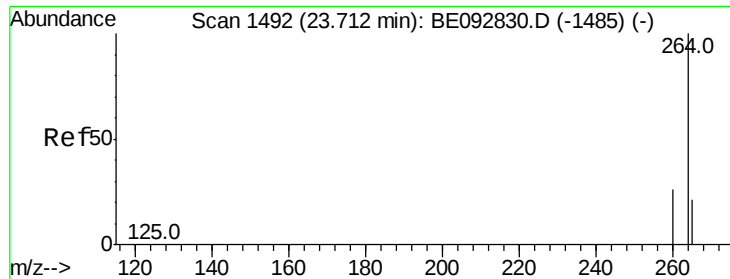
138 32.2 20.3 30.5#

277 25.0 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

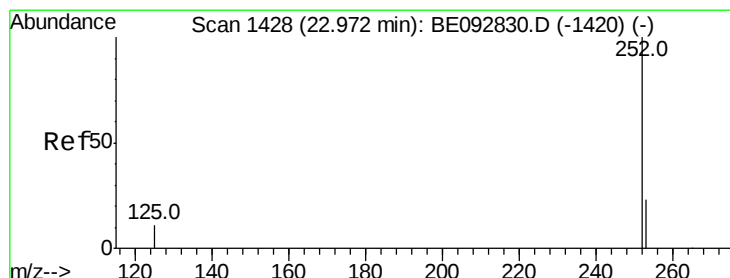
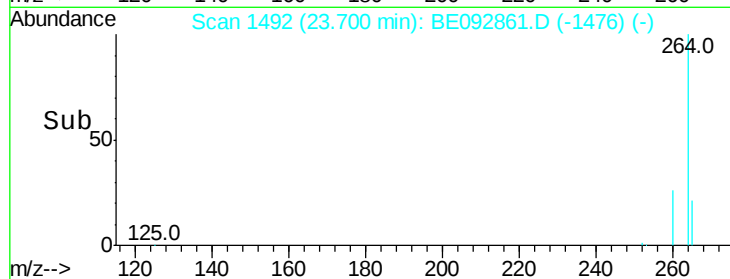
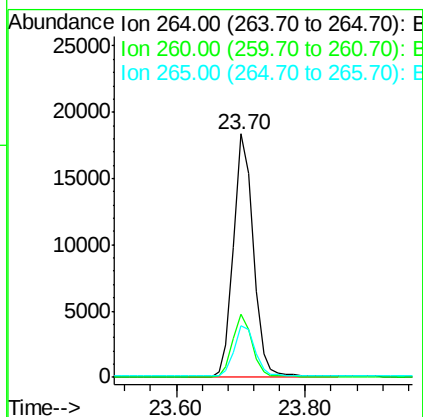
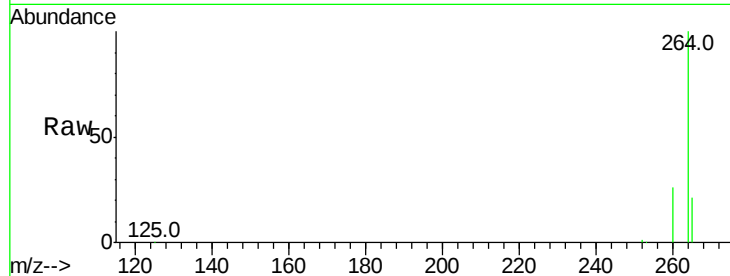




#31
Pervlene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE092861.D
Acq: 29 Mar 2017 9:37

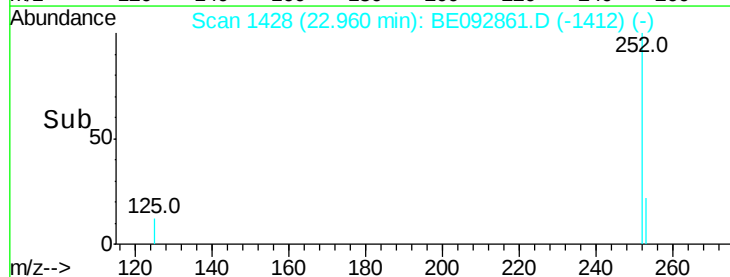
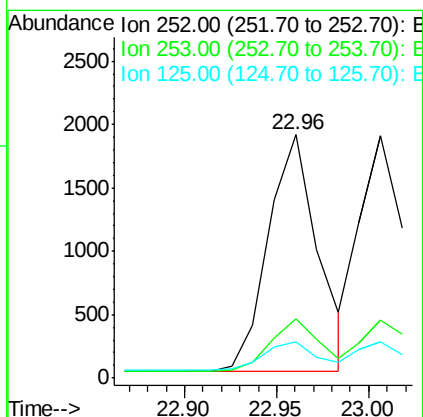
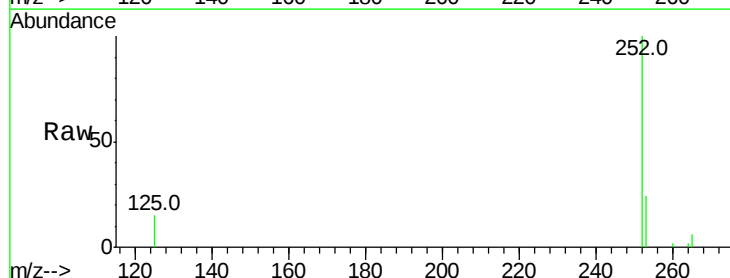
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

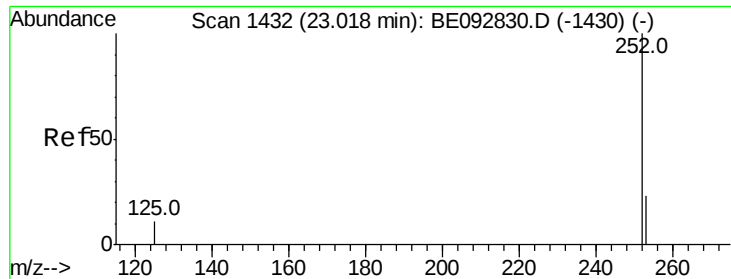
Tot Ion:264 Resp: 38991
Ion Ratio Lower Upper
264 100
260 25.7 20.1 30.1
265 21.2 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.34 ng
RT: 22.96 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092861.D
Acq: 29 Mar 2017 9:37

Tgt Ion:252 Resp: 3509
Ion Ratio Lower Upper
252 100
253 24.3 18.7 28.1
125 14.6 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.35 ng

RT: 23.01 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

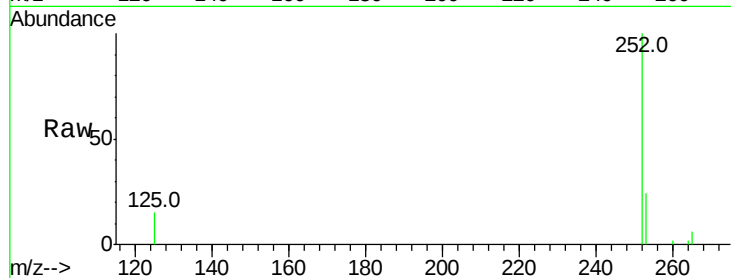
Tot Ion:252 Resp: 3256

Ion Ratio Lower Upper

252 100

253 23.7 20.3 30.5

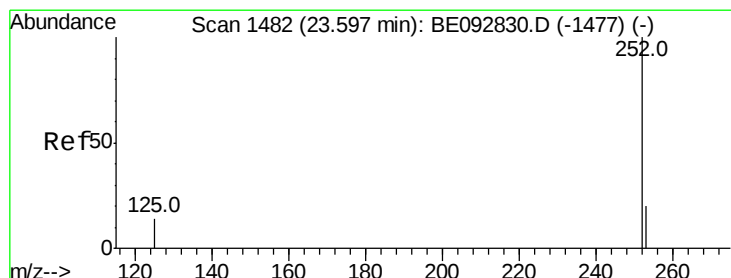
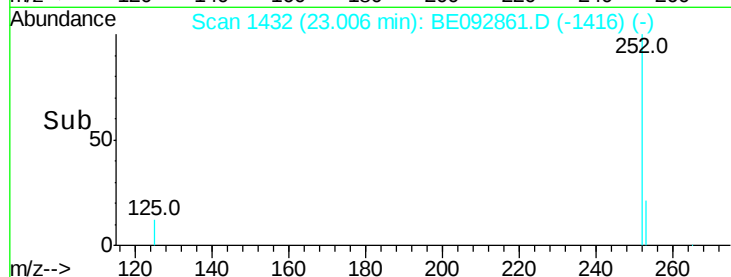
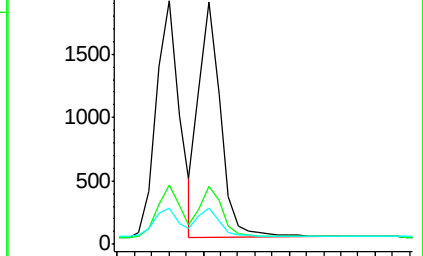
125 15.0 9.6 14.4#



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: 0.32 ng

RT: 23.58 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BE092861.D

Acq: 29 Mar 2017 9:37

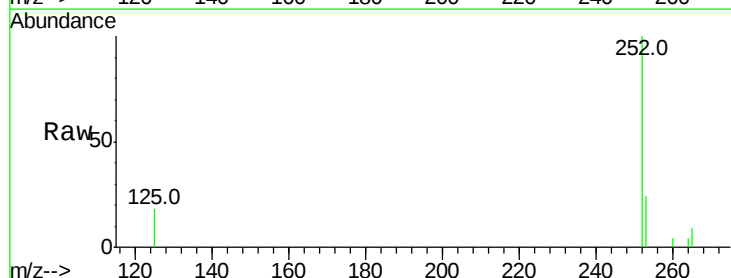
Tgt Ion:252 Resp: 2750

Ion Ratio Lower Upper

252 100

253 24.5 19.0 28.6

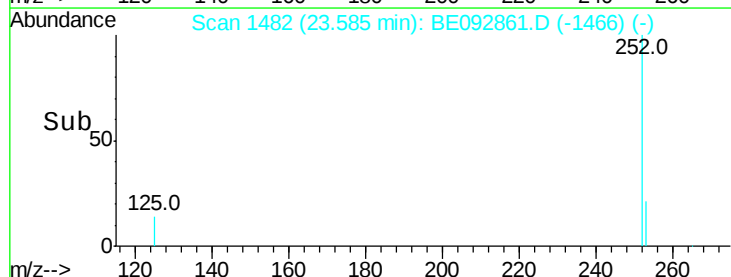
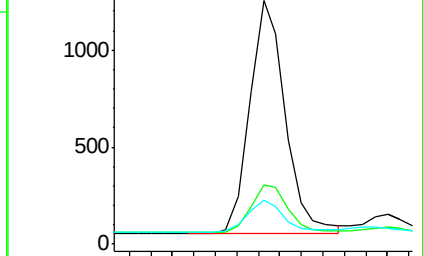
125 18.2 11.8 17.8#

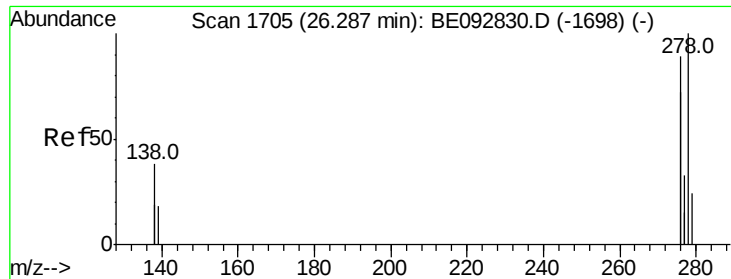


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

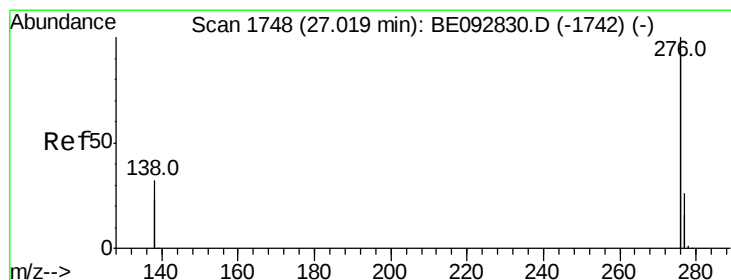
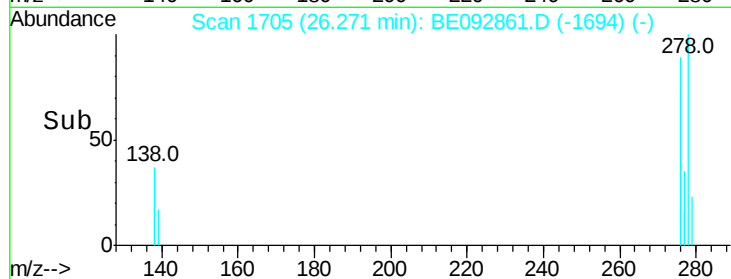
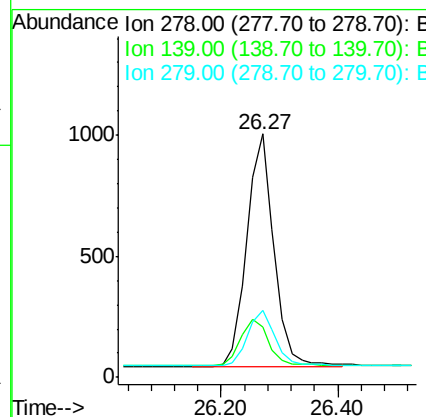
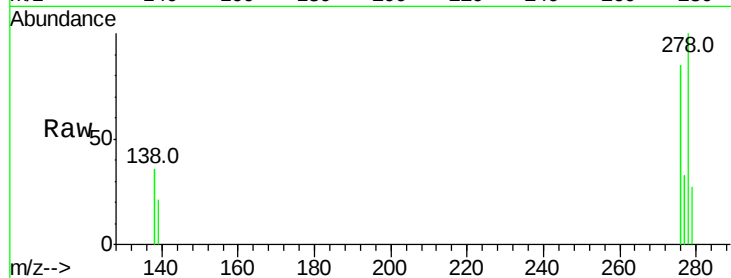




#35
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 26.27 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BE092861.D
Acq: 29 Mar 2017 9:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:278 Resp: 3133
Ion Ratio Lower Upper
278 100
139 20.7 13.8 20.8
279 27.3 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 27.00 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BE092861.D
Acq: 29 Mar 2017 9:37

Tgt Ion:276 Resp: 13233
Ion Ratio Lower Upper
276 100
277 26.0 19.8 29.8
138 30.8 19.8 29.6#

