

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092830.D
 Acq On : 28 Mar 2017 10:47
 Operator : SJ/MA
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Mar 28 13:08:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 13:07:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	7415	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	33096	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	16223	5.00	ng	0.00
18) Phenanthrene-d10	17.16	188	37253	5.00	ng	0.00
24) Chrysene-d12	21.30	240	44705	5.00	ng	0.00
31) Perylene-d12	23.71	264	38675	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	679	0.43	ng	0.00
5) Phenol-d6	6.95	99	948	0.51	ng	0.00
8) Nitrobenzene-d5	8.93	82	681	0.34	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	91	0.21	ng	0.00
14) 2-Fluorobiphenyl	13.03	172	2163	0.57	ng	0.00
26) Terphenyl-d14	19.76	244	2957	0.55	ng	0.00

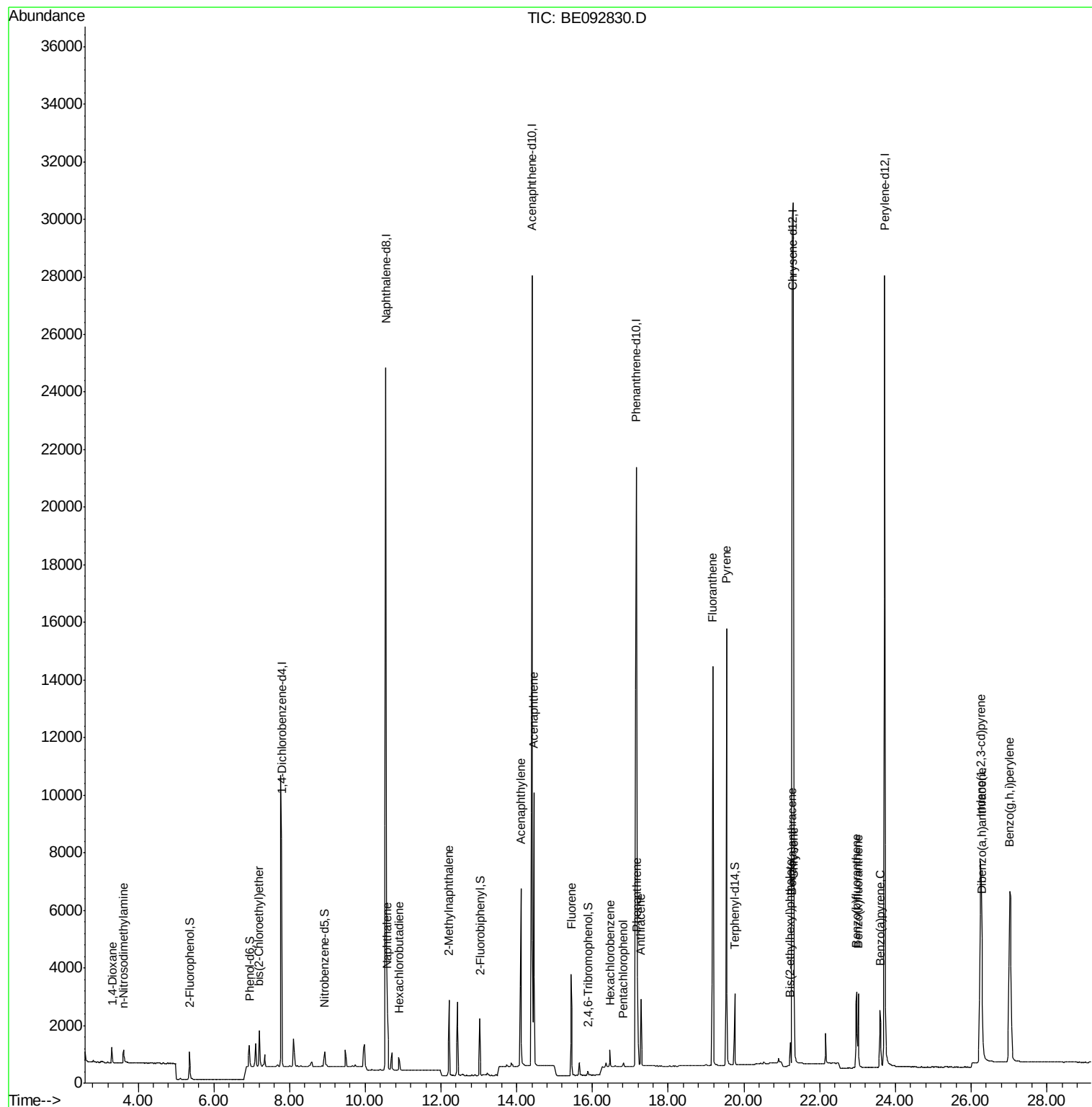
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	407	0.37	ng	92
3) n-Nitrosodimethylamine	3.61	42	381	0.31	ng	# 2
6) bis(2-Chloroethyl)ether	7.20	93	952	0.47	ng	# 43
9) Naphthalene	10.58	128	2907	0.41	ng	95
10) Hexachlorobutadiene	10.89	225	385	0.38	ng	98
11) 2-Methylnaphthalene	12.21	142	1804	0.39	ng	99
15) Acenaphthylene	14.11	152	8895	0.36	ng	99
16) Acenaphthene	14.45	154	1713	0.49	ng	86
17) Fluorene	15.44	166	2092	0.44	ng	98
19) Hexachlorobenzene	16.47	284	542	0.36	ng	# 69
20) Pentachlorophenol	16.81	266	122	0.24	ng	95
21) Phenanthrene	17.18	178	3745	0.42	ng	# 95
22) Anthracene	17.27	178	3052	0.34	ng	98
23) Fluoranthene	19.18	202	15491	0.36	ng	98
25) Pyrene	19.54	202	16572	0.41	ng	99
27) Benzo(a)anthracene	21.26	228	3861	0.09	ng	95
28) Chrysene	21.31	228	4395	0.11	ng	# 87
29) Bis(2-ethylhexyl)phthalate	21.23	149	1019	0.21	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.25	276	15685	0.35	ng	# 92
32) Benzo(b)fluoranthene	22.97	252	3978	0.39	ng	95
33) Benzo(k)fluoranthene	23.02	252	3470	0.33	ng	# 97
34) Benzo(a)pyrene	23.60	252	3146	0.34	ng	# 95
35) Dibenzo(a,h)anthracene	26.29	278	3412	0.38	ng	# 94
36) Benzo(g,h,i)perylene	27.02	276	14614	0.38	ng	# 91

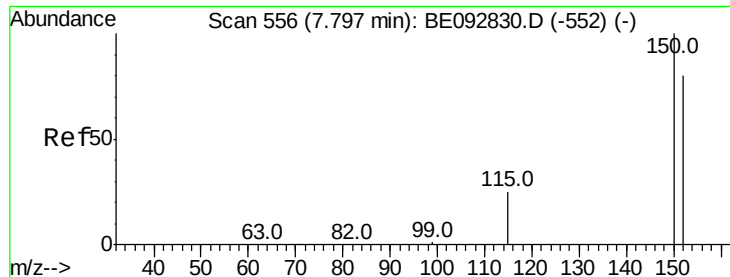
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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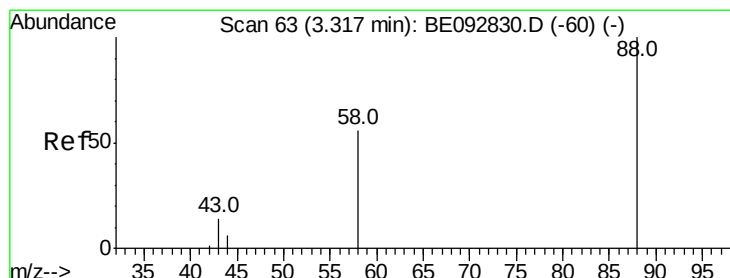
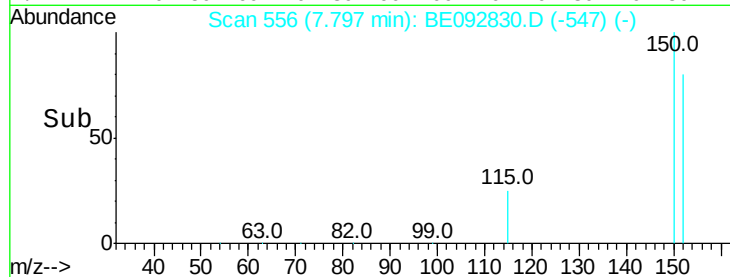
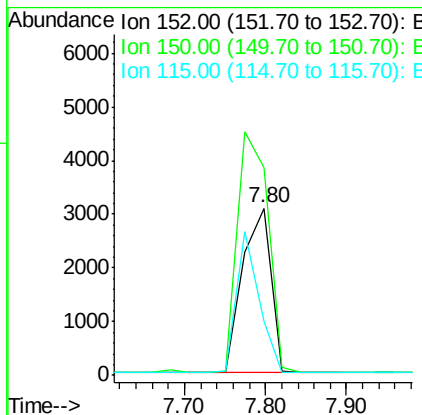
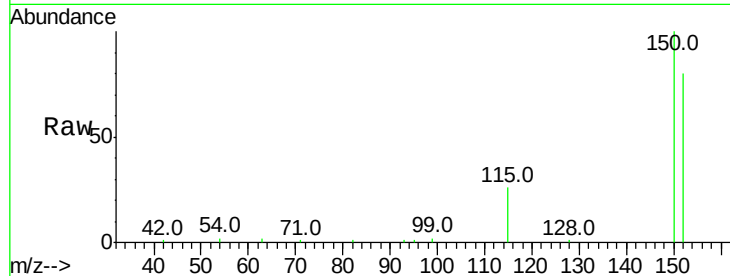


#1

1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.80 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BE092830.D
 Acq: 28 Mar 2017 10:47

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

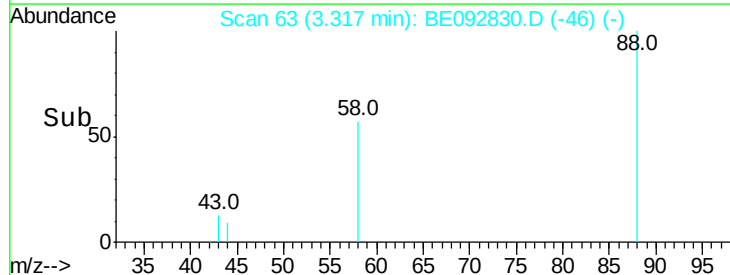
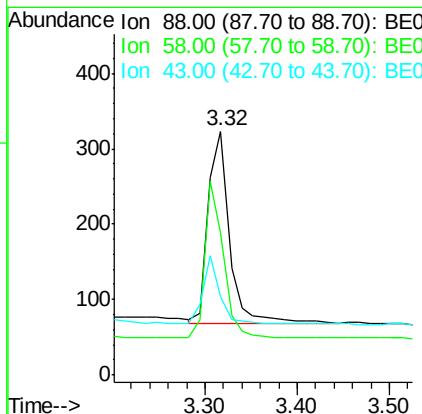
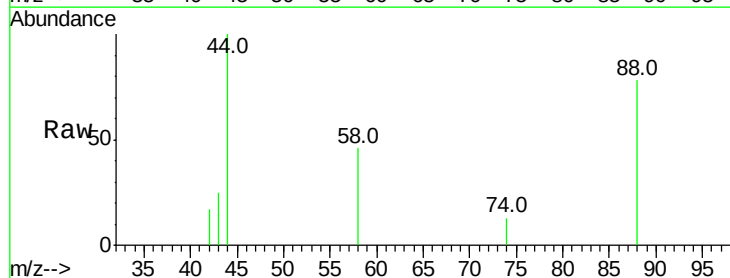
Tot Ion:152 Resp: 7415
 Ion Ratio Lower Upper
 152 100
 150 124.5 106.0 159.0
 115 32.7 31.2 46.8

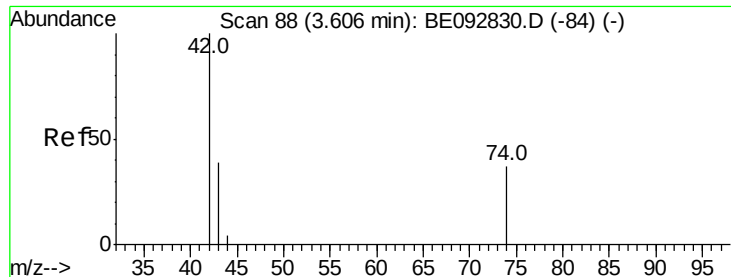


#2

1,4-Dioxane
 Concen: 0.37 ng
 RT: 3.32 min Scan# 63
 Delta R.T. 0.00 min
 Lab File: BE092830.D
 Acq: 28 Mar 2017 10:47

Tgt Ion: 88 Resp: 407
 Ion Ratio Lower Upper
 88 100
 58 71.5 63.6 95.4
 43 31.0 28.0 42.0



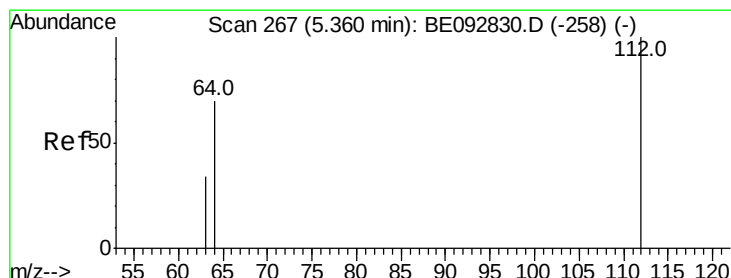
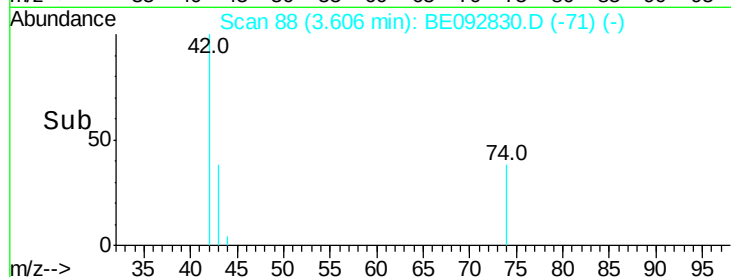
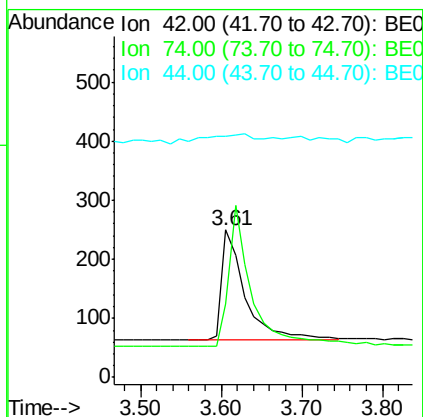
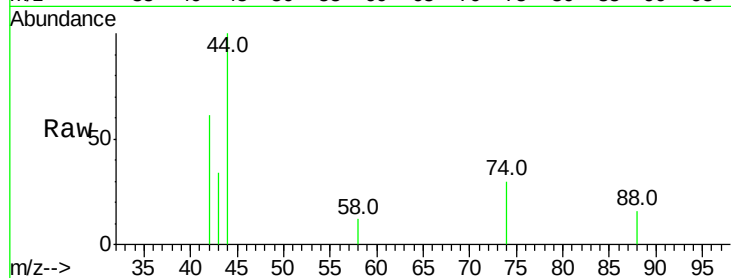


#3

n-Nitrosodimethylamine
Concen: 0.31 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

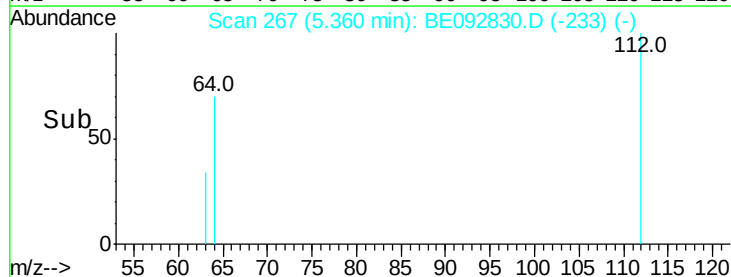
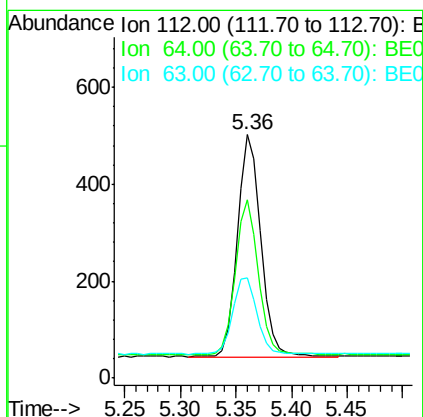
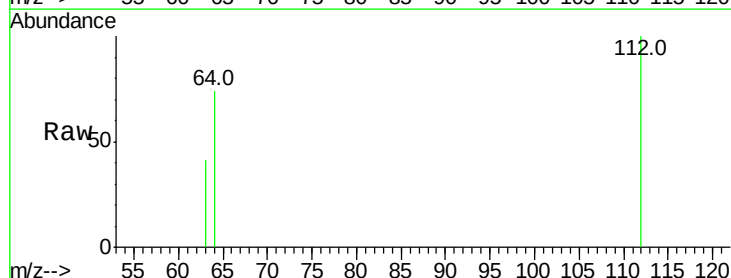
Tot Ion: 42 Resp: 381
Ion Ratio Lower Upper
42 100
74 0.0 86.0 129.0#
44 0.0 5.1 7.7#

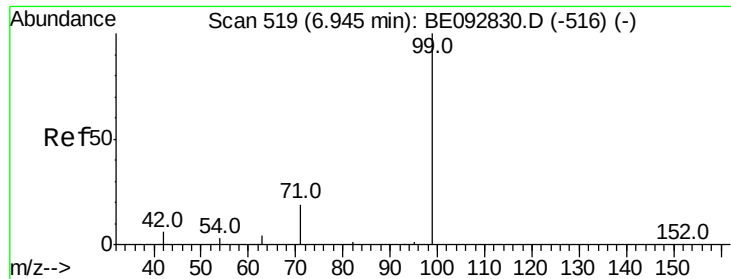


#4

2-Fluorophenol
Concen: 0.43 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion: 112 Resp: 679
Ion Ratio Lower Upper
112 100
64 68.5 53.5 80.3
63 35.8 27.9 41.9





#5

Phenol-d6

Concen: 0.51 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

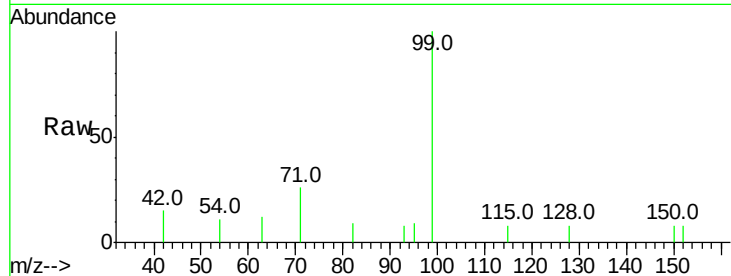
Tot Ion: 99 Resp: 948

Ion Ratio Lower Upper

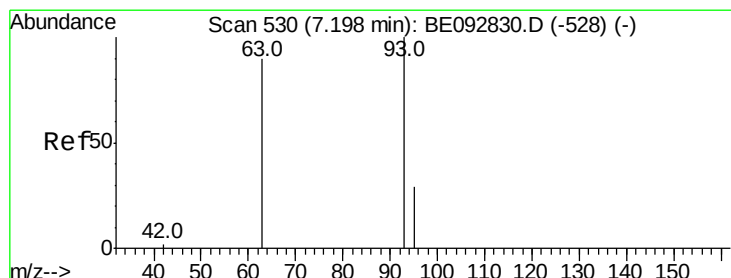
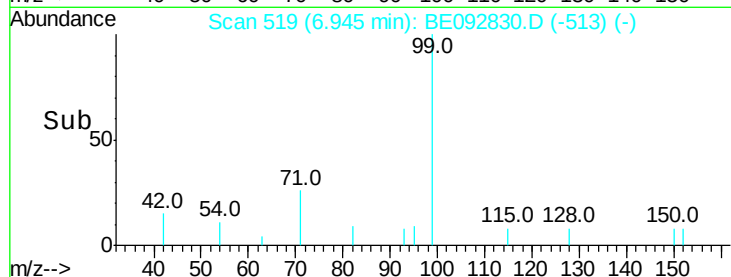
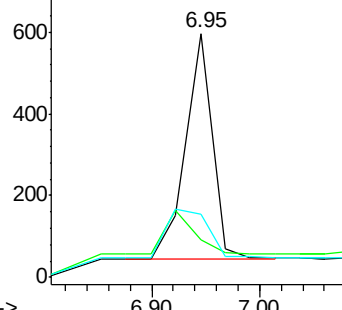
99 100

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: 0.47 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

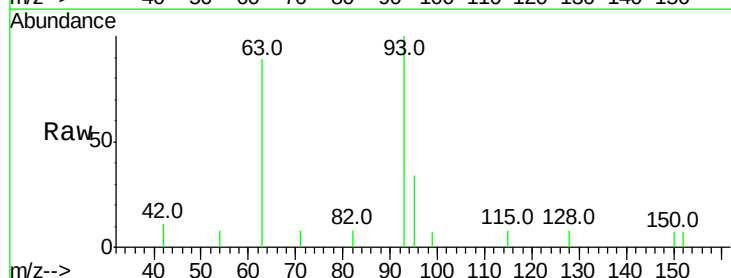
Tgt Ion: 93 Resp: 952

Ion Ratio Lower Upper

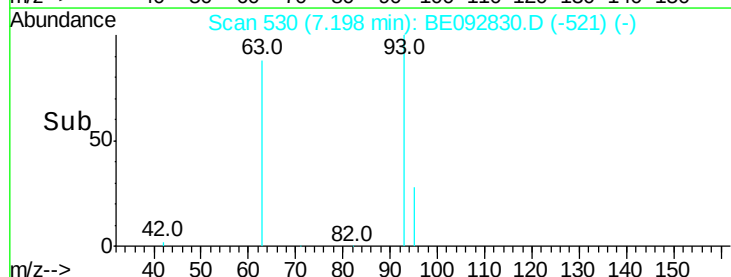
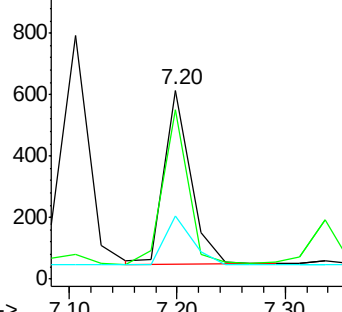
93 100

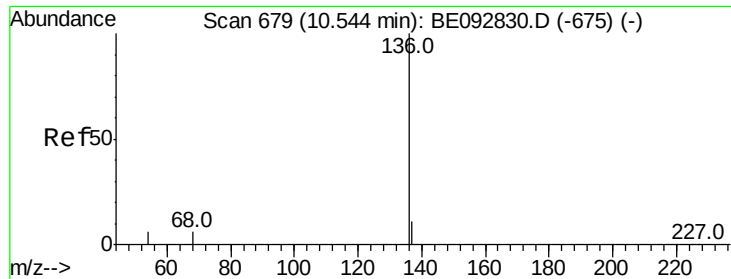
63 84.5 16.0 24.0#

95 30.5 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: 10.54 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 33096

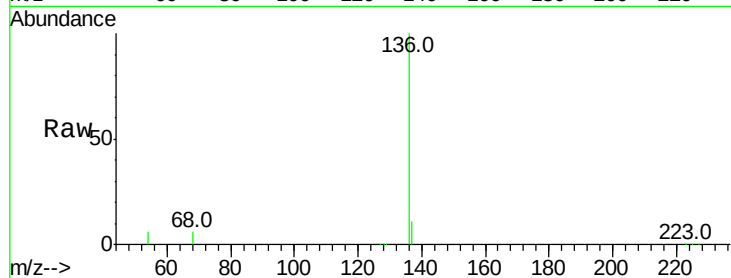
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.3 9.6 14.4#

68 5.9 6.7 10.1#

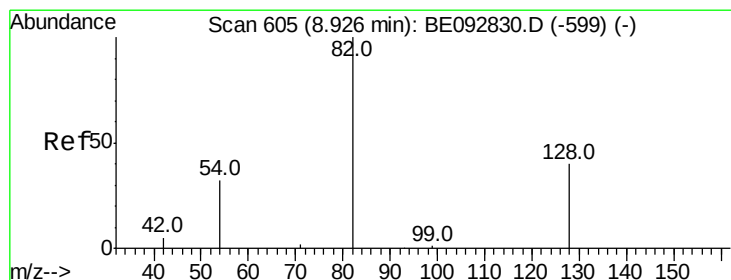
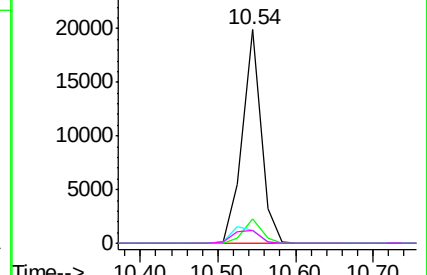
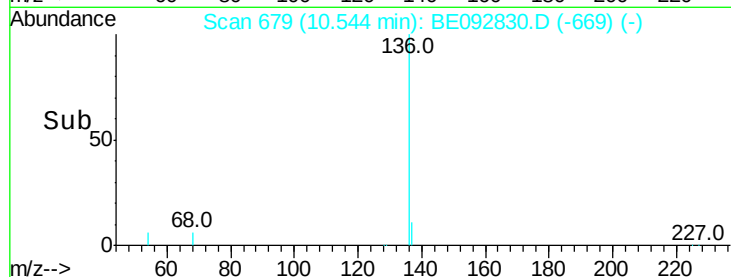


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.93 min Scan# 605

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

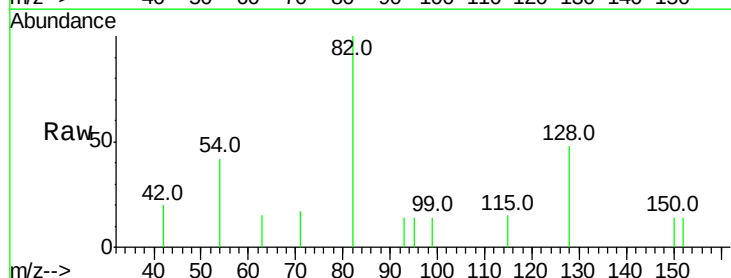
Tgt Ion: 82 Resp: 681

Ion Ratio Lower Upper

82 100

128 48.3 39.0 58.4

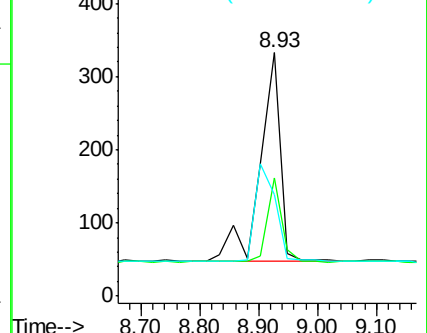
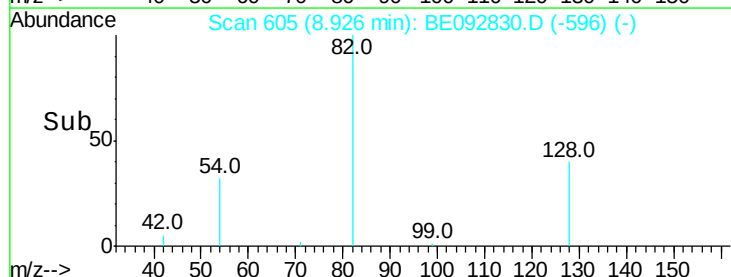
54 41.7 44.8 67.2#

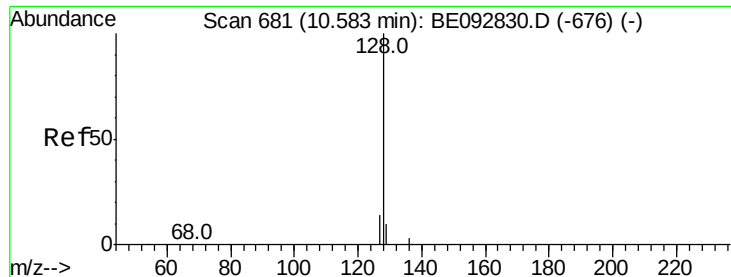


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.41 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

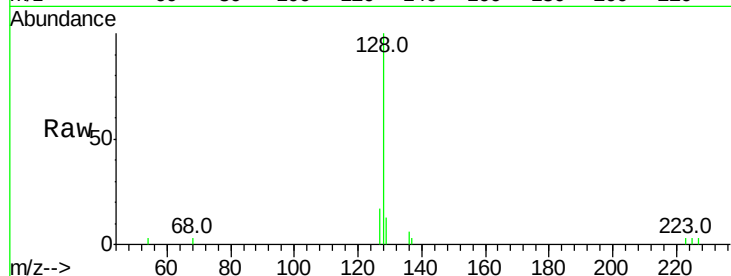
Tot Ion:128 Resp: 2907

Ion Ratio Lower Upper

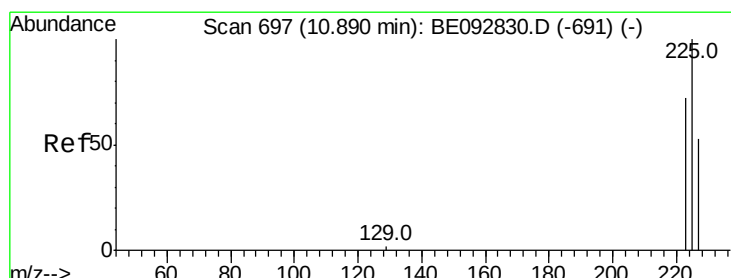
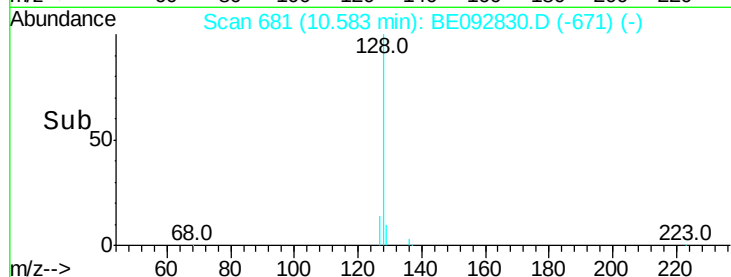
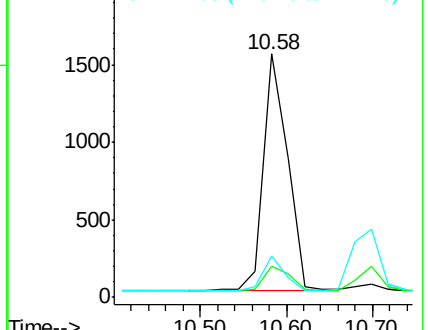
128 100

129 12.5 11.2 16.8

127 16.8 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: 0.38 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

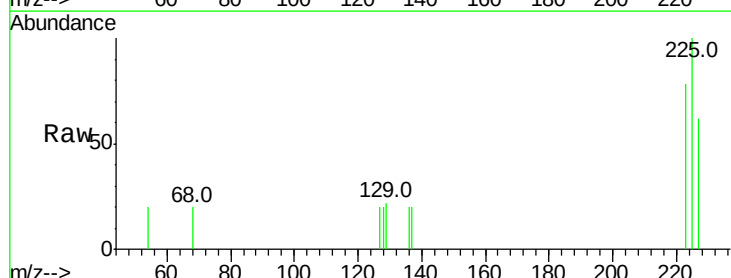
Tgt Ion:225 Resp: 385

Ion Ratio Lower Upper

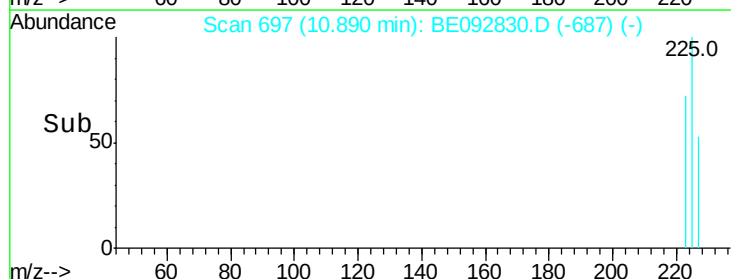
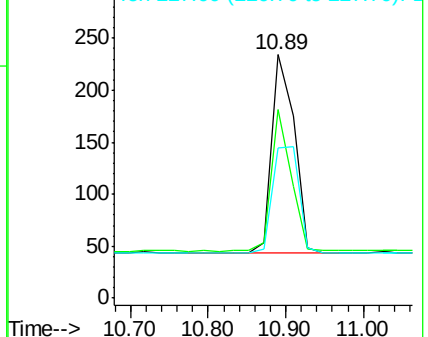
225 100

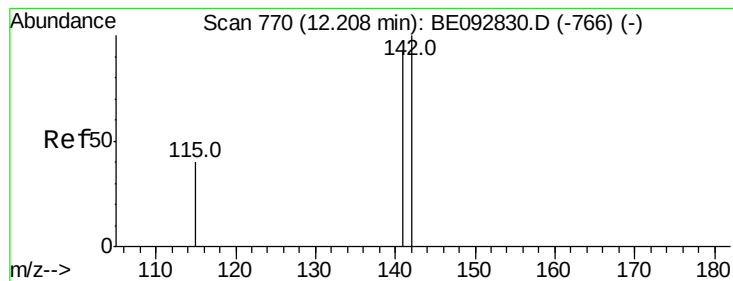
223 64.9 50.6 76.0

227 62.9 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: 12.21 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

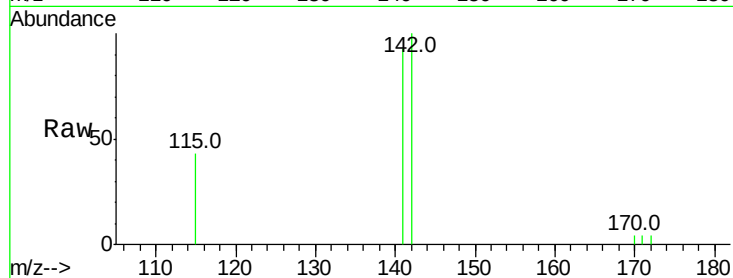
Tot Ion:142 Resp: 1804

Ion Ratio Lower Upper

142 100

141 92.6 73.7 110.5

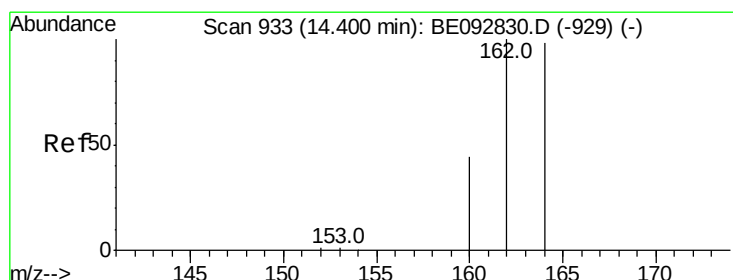
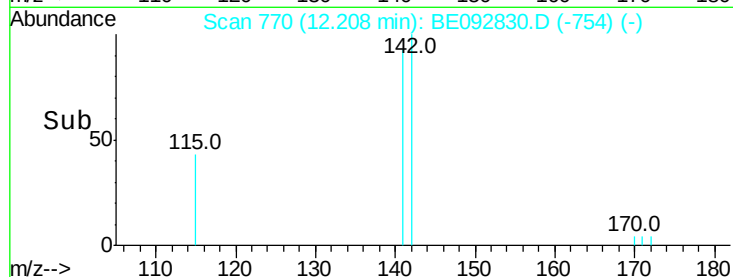
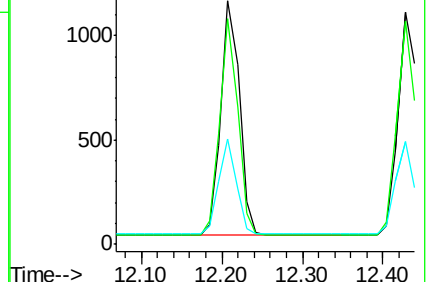
115 43.1 34.0 51.0



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: BE092830.D

Acq: 28 Mar 2017 10:47

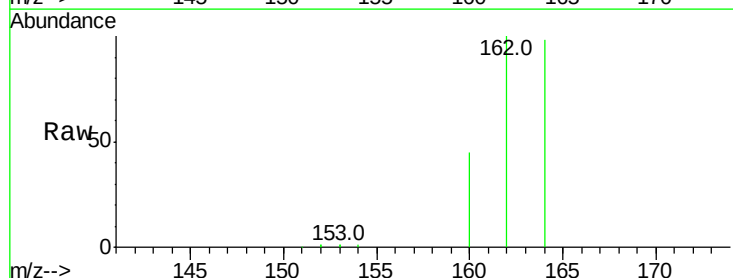
Tgt Ion:164 Resp: 16223

Ion Ratio Lower Upper

164 100

162 102.1 71.4 107.0

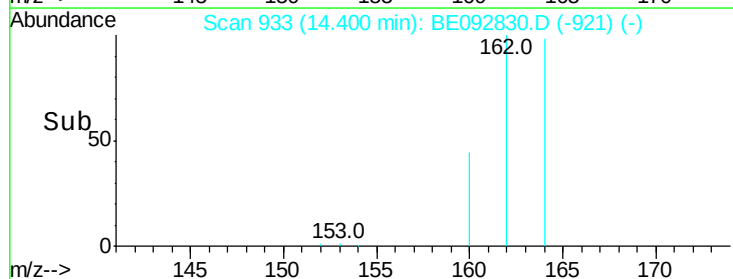
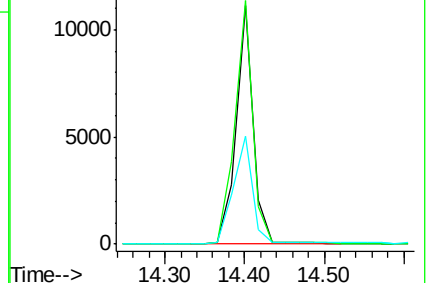
160 45.5 27.4 41.2#

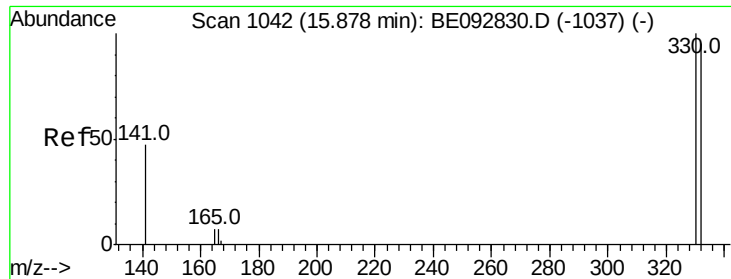


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

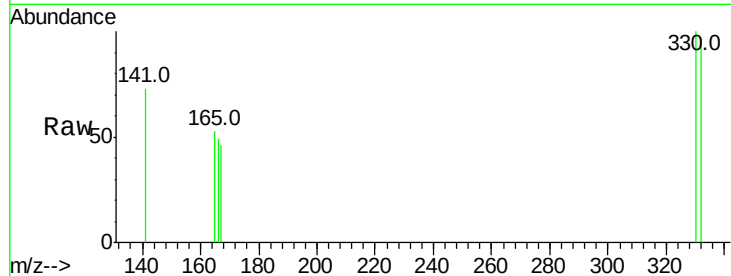




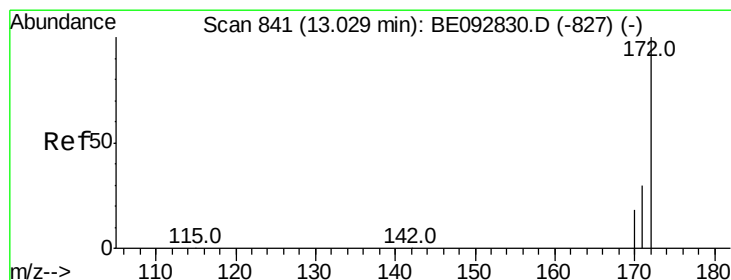
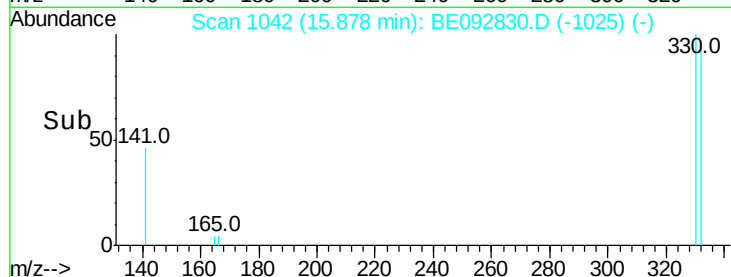
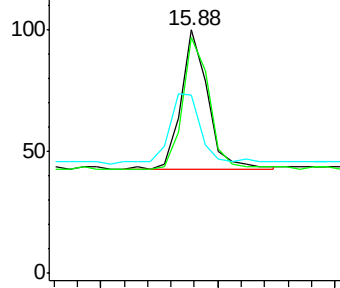
#13
 2,4,6-Tribromophenol
 Concen: 0.21 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE092830.D
 Acq: 28 Mar 2017 10:47

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:330 Resp: 91
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.4 113.0
 141 65.9 31.0 46.6#

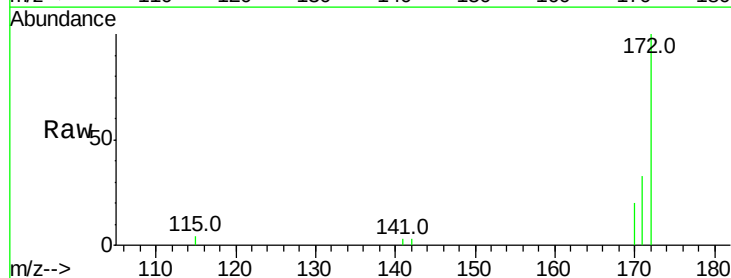


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

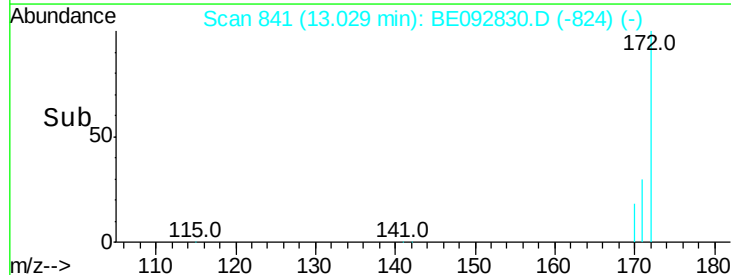
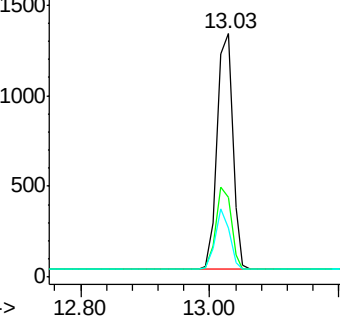


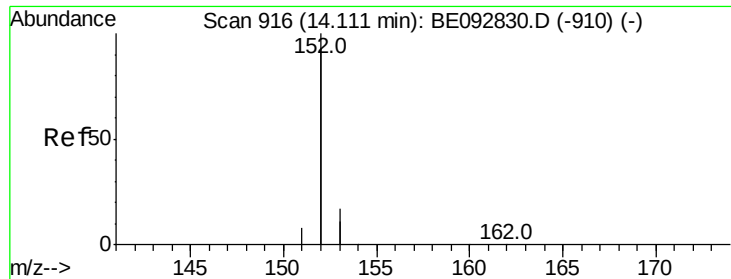
#14
 2-Fluorobiphenyl
 Concen: 0.57 ng
 RT: 13.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BE092830.D
 Acq: 28 Mar 2017 10:47

Tgt Ion:172 Resp: 2163
 Ion Ratio Lower Upper
 172 100
 171 32.6 30.1 45.1
 170 20.3 21.8 32.6#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.36 ng

RT: 14.11 min Scan# 916

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

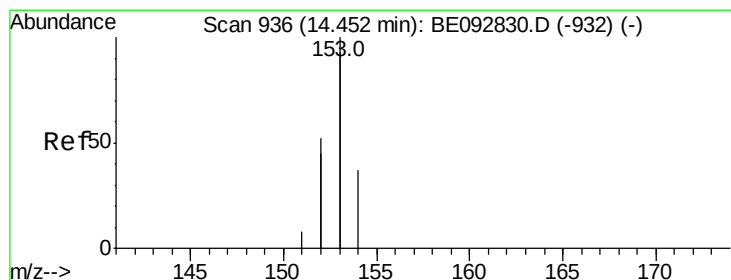
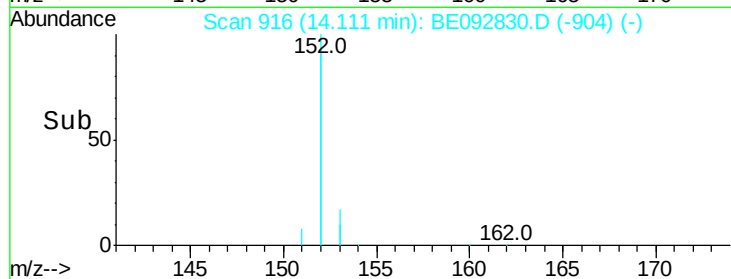
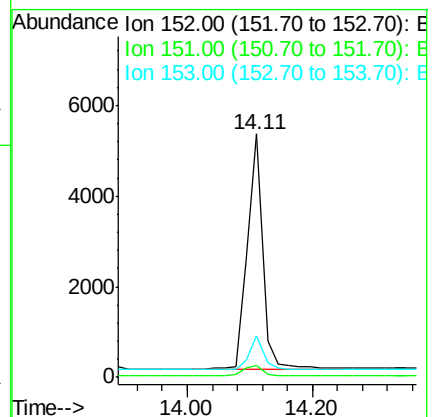
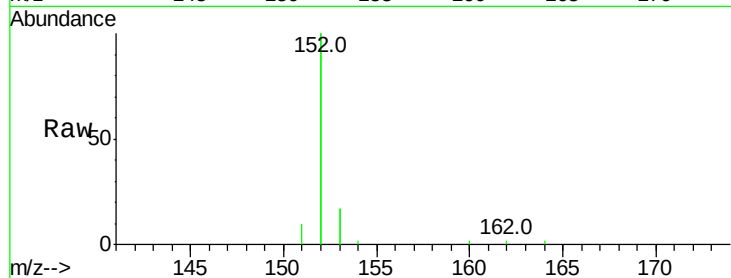
Tot Ion:152 Resp: 8895

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.3 10.4 15.6



#16

Acenaphthene

Concen: 0.49 ng

RT: 14.45 min Scan# 936

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

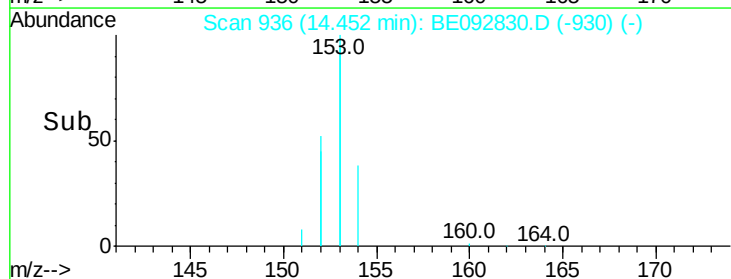
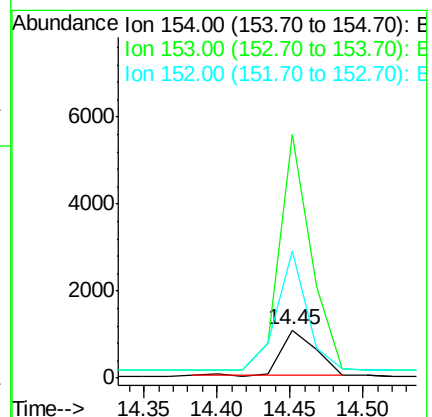
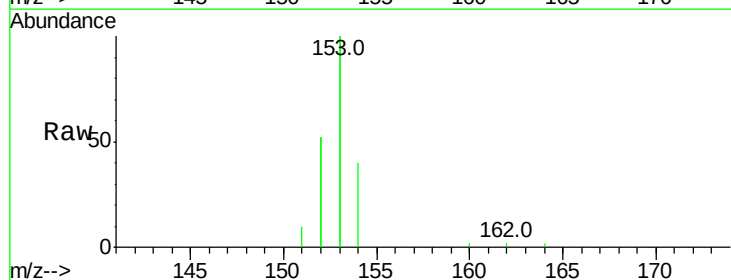
Tgt Ion:154 Resp: 1713

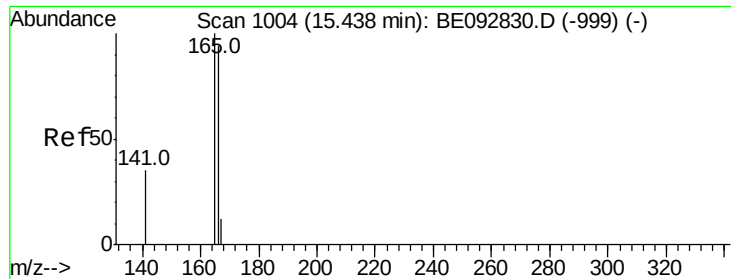
Ion Ratio Lower Upper

154 100

153 475.8 350.8 526.2

152 231.2 171.1 256.7





#17

Fluorene

Concen: 0.44 ng

RT: 15.44 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

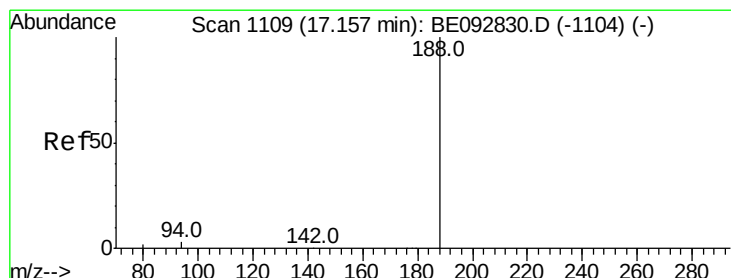
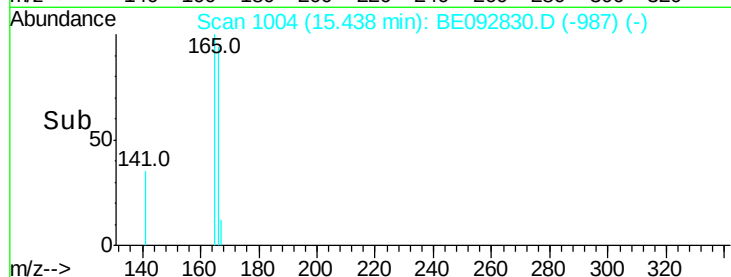
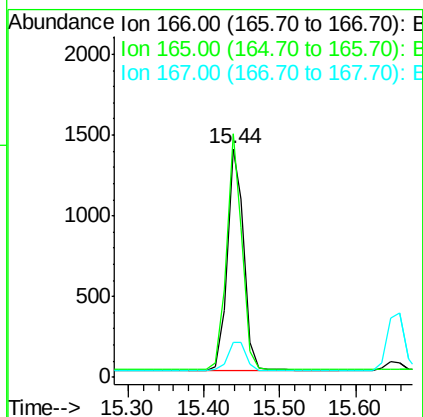
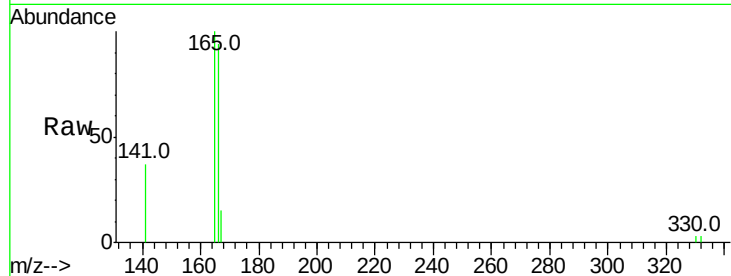
Tot Ion:166 Resp: 2092

Ion Ratio Lower Upper

166 100

165 100.0 78.2 117.4

167 14.1 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

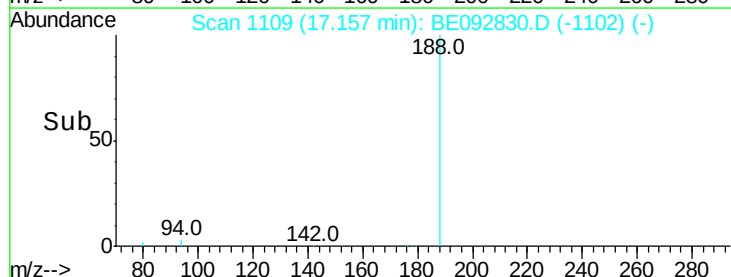
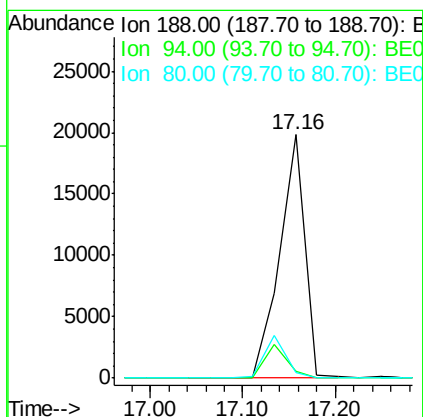
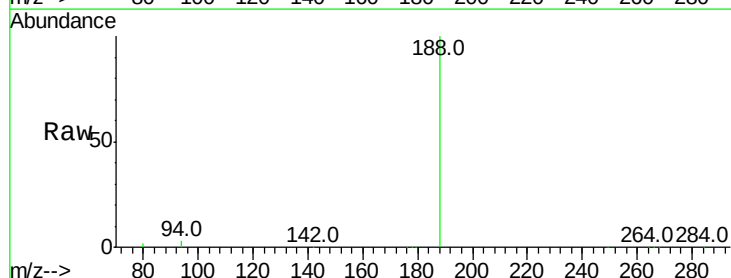
Tgt Ion:188 Resp: 37253

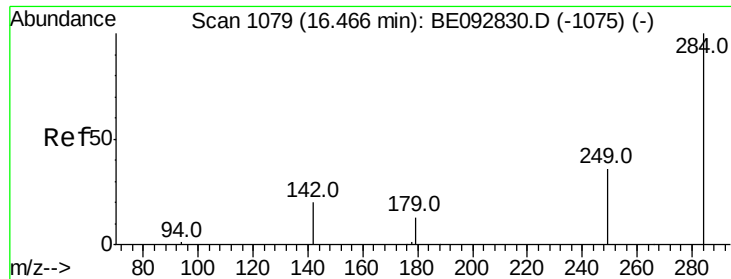
Ion Ratio Lower Upper

188 100

94 3.0 3.2 4.8#

80 2.4 2.6 3.8#





#19

Hexachlorobenzene

Concen: 0.36 ng

RT: 16.47 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

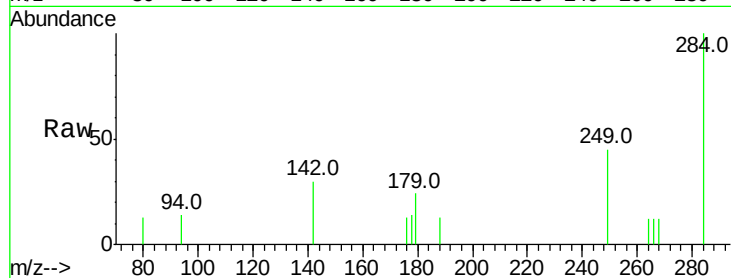
Tot Ion:284 Resp: 542

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

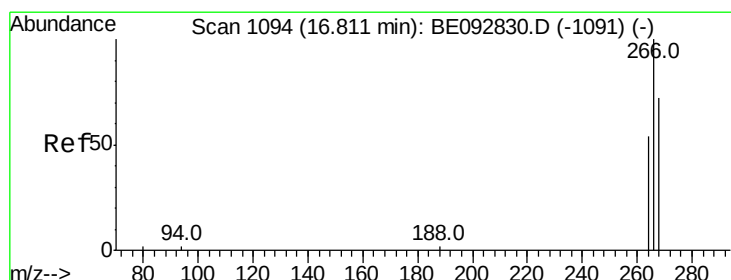
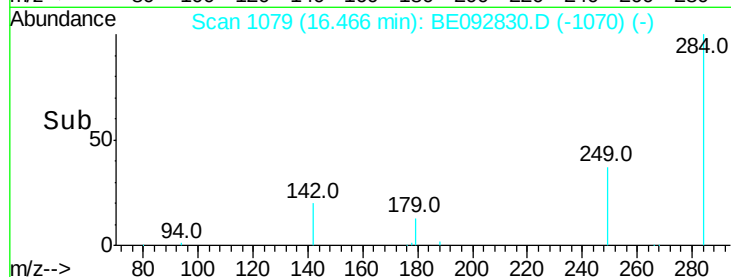
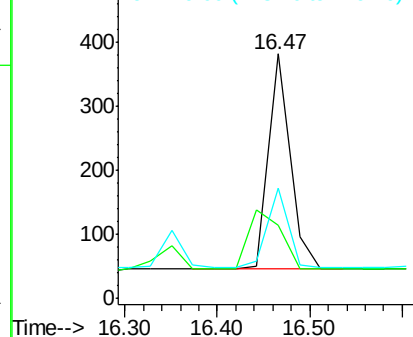
249 34.9 27.9 41.9



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: 0.24 ng

RT: 16.81 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

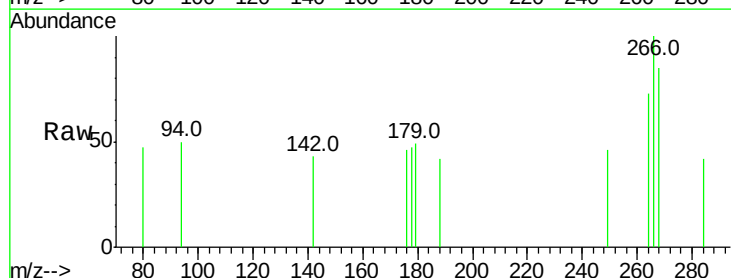
Tgt Ion:266 Resp: 122

Ion Ratio Lower Upper

266 100

268 84.9 62.5 93.7

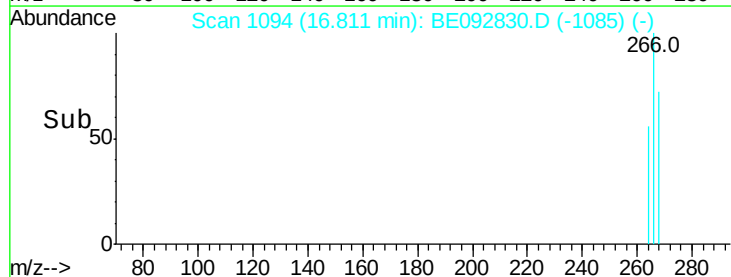
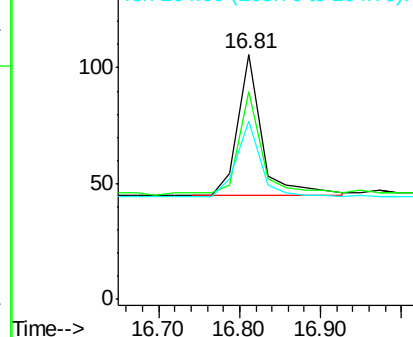
264 72.6 57.2 85.8

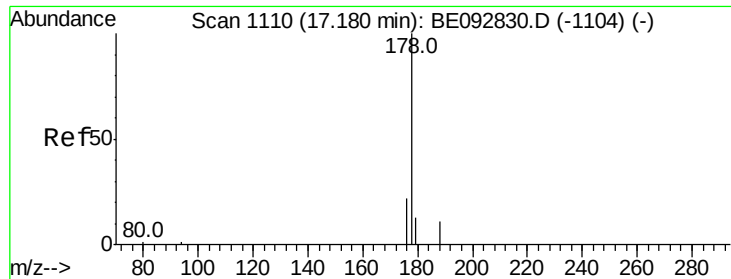


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.42 ng

RT: 17.18 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

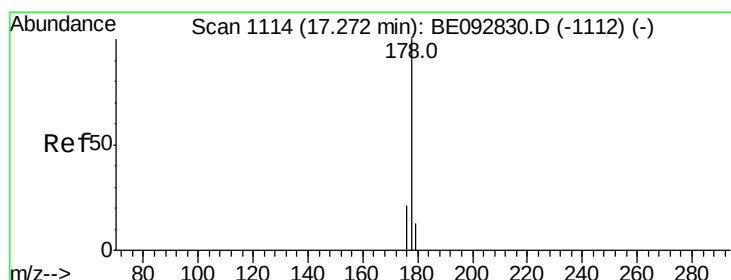
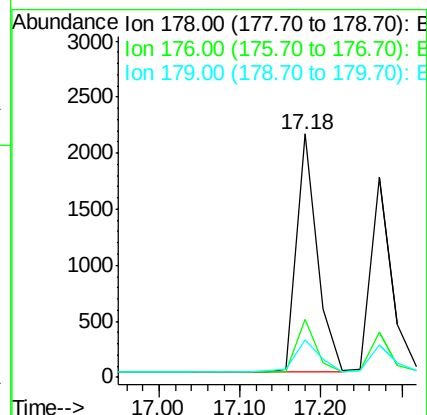
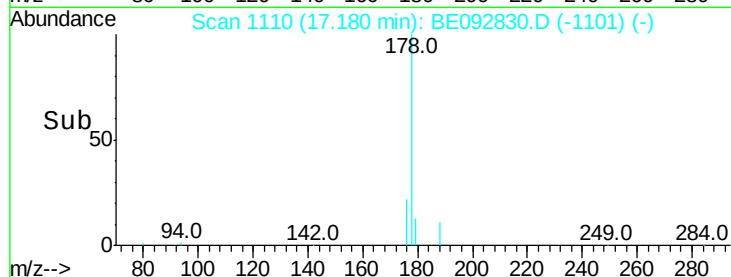
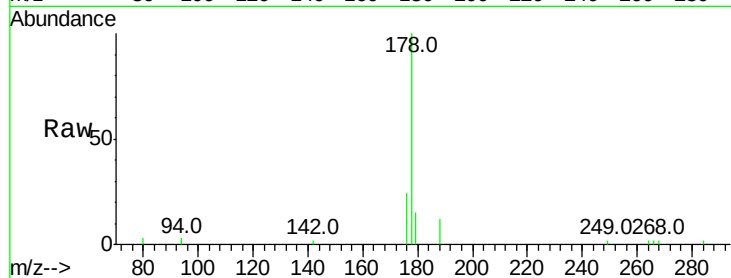
Tot Ion:178 Resp: 3745

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 15.4 16.0 24.0#



#22

Anthracene

Concen: 0.34 ng

RT: 17.27 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

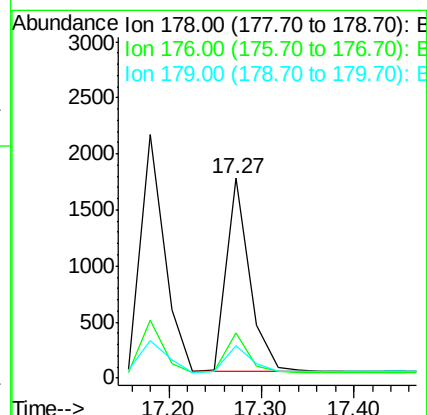
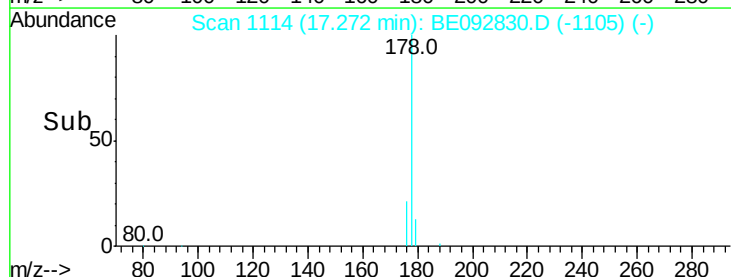
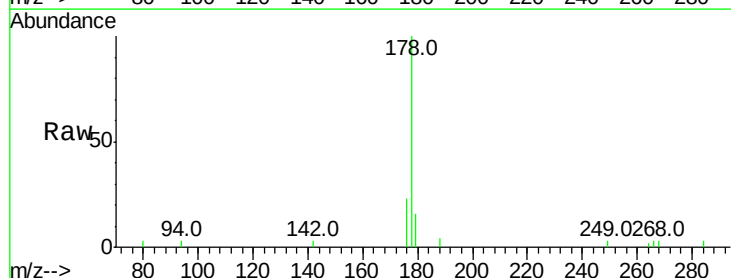
Tgt Ion:178 Resp: 3052

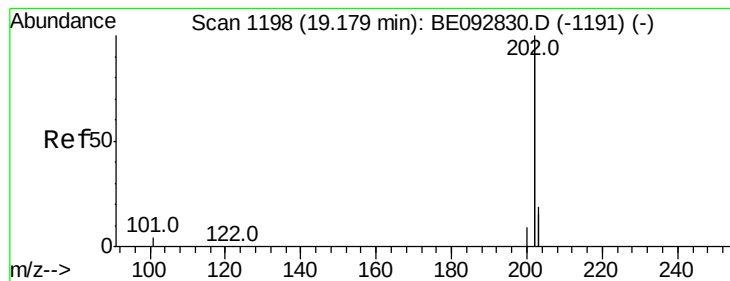
Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

179 14.5 12.2 18.2





#23

Fluoranthene

Concen: 0.36 ng

RT: 19.18 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

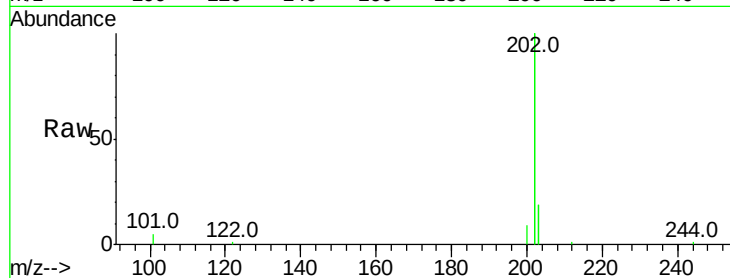
Tot Ion:202 Resp: 15491

Ion Ratio Lower Upper

202 100

101 3.1 2.2 3.4

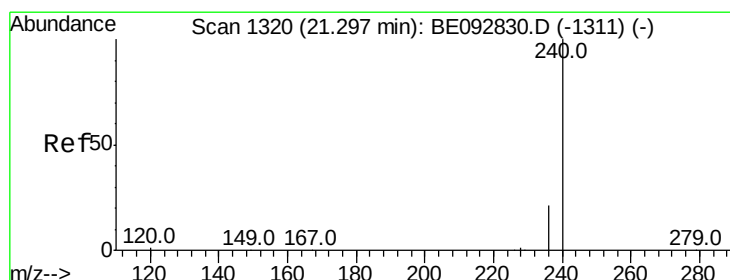
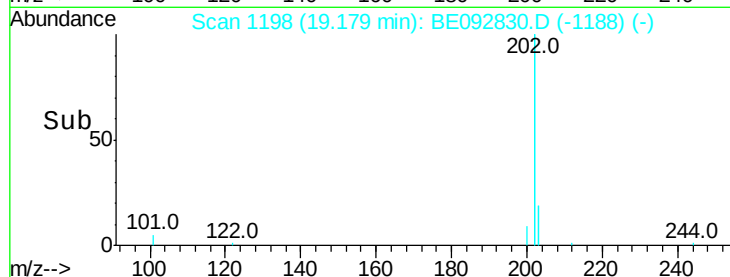
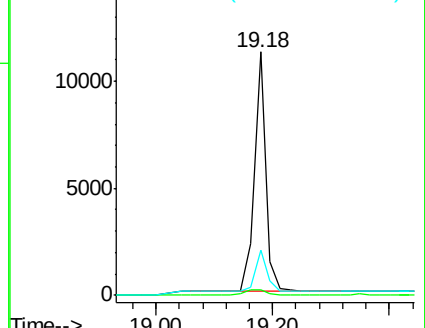
203 17.9 13.7 20.5



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: 21.30 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

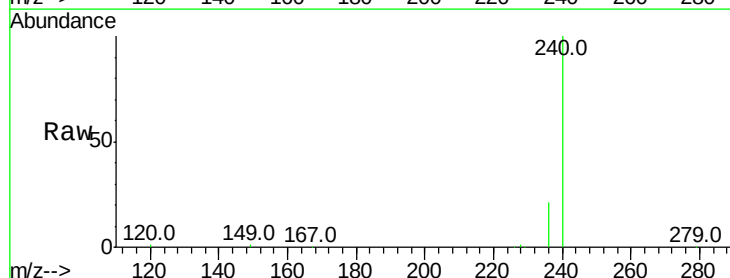
Tgt Ion:240 Resp: 44705

Ion Ratio Lower Upper

240 100

120 1.5 2.6 4.0#

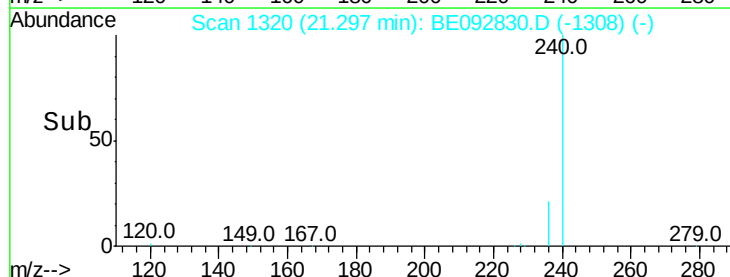
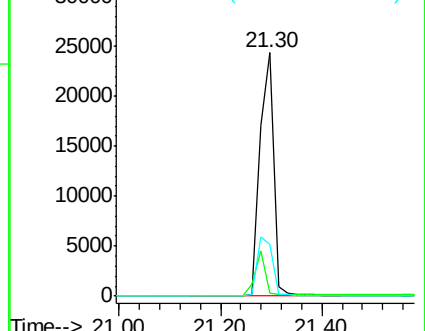
236 21.2 24.6 37.0#

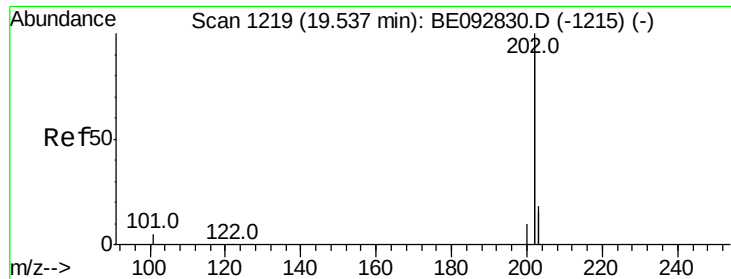


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.41 ng

RT: 19.54 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

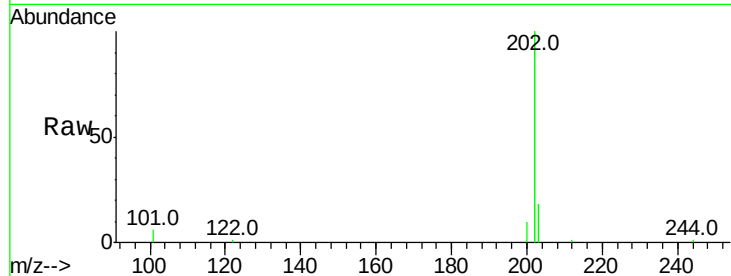
Tot Ion:202 Resp: 16572

Ion Ratio Lower Upper

202 100

200 5.1 4.2 6.4

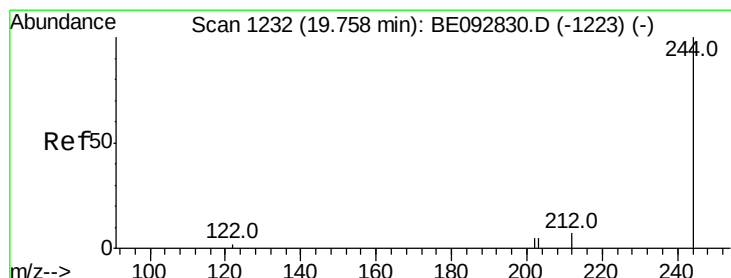
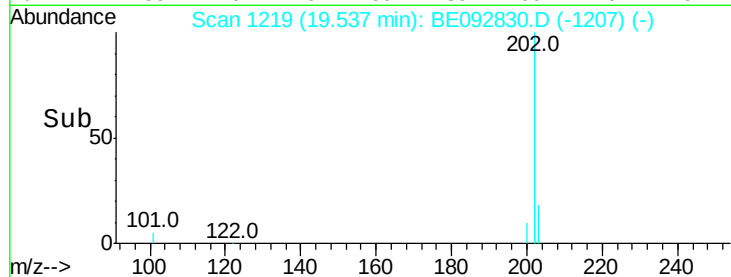
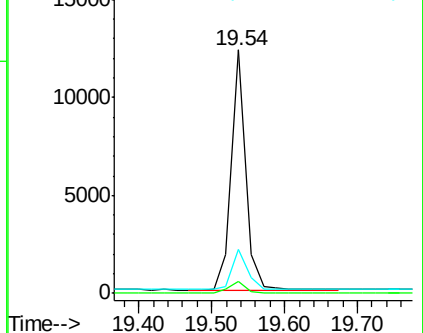
203 17.7 13.9 20.9



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: 0.55 ng

RT: 19.76 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

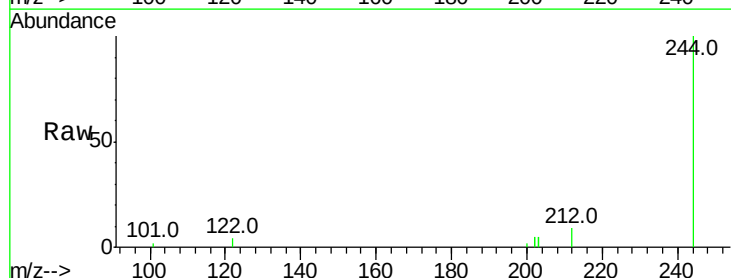
Tgt Ion:244 Resp: 2957

Ion Ratio Lower Upper

244 100

212 9.2 6.7 10.1

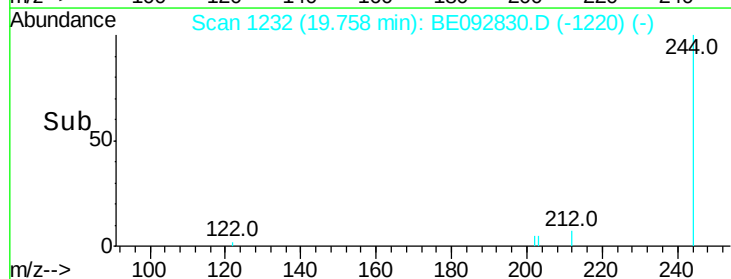
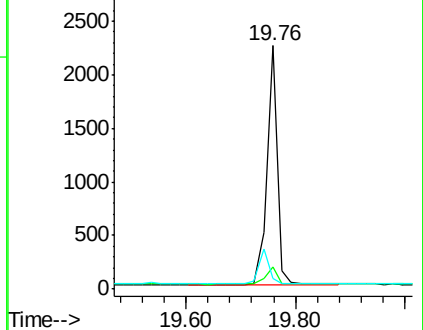
122 4.1 3.6 5.4

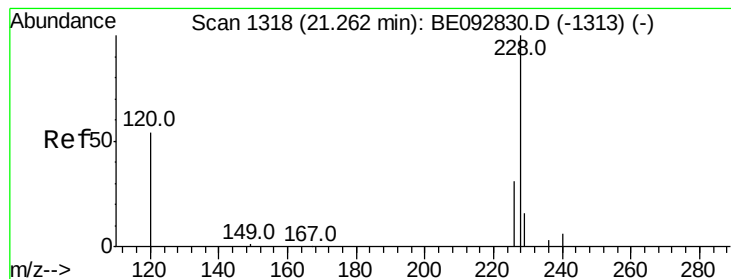


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.09 ng

RT: 21.26 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

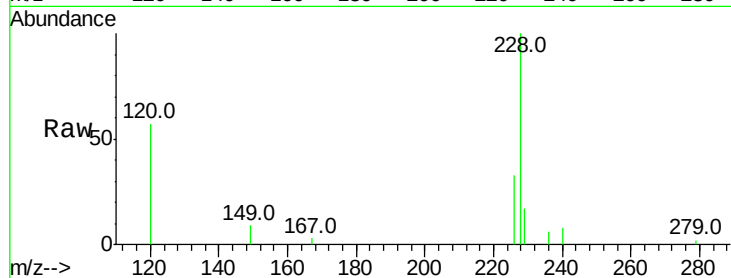
Tot Ion:228 Resp: 3861

Ion Ratio Lower Upper

228 100

226 32.9 23.6 35.4

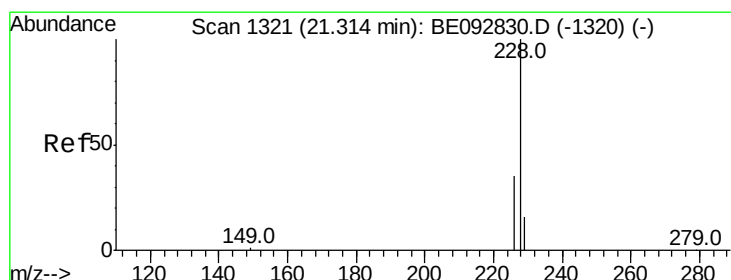
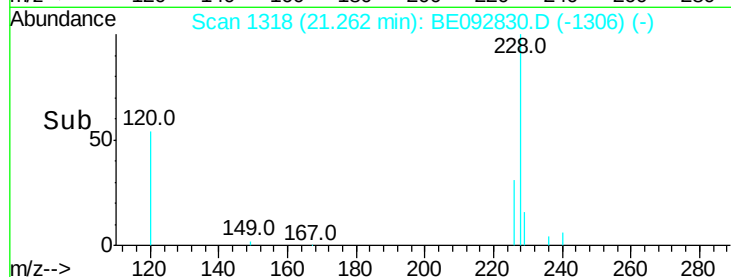
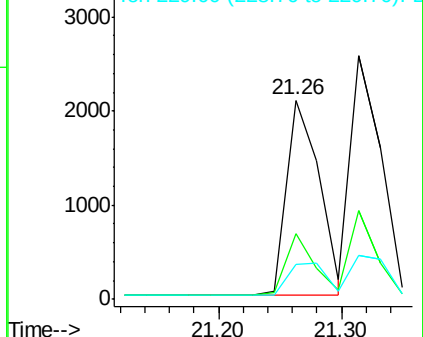
229 17.5 13.3 19.9



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: 0.11 ng

RT: 21.31 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

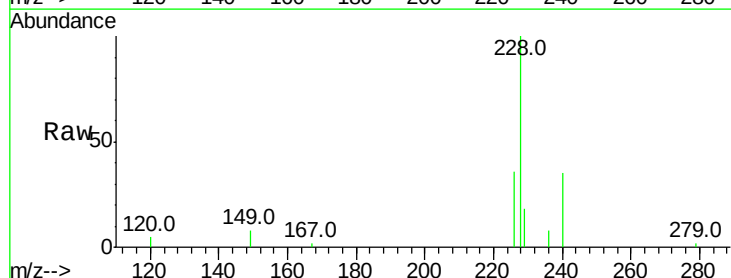
Tgt Ion:228 Resp: 4395

Ion Ratio Lower Upper

228 100

226 36.2 36.3 54.5#

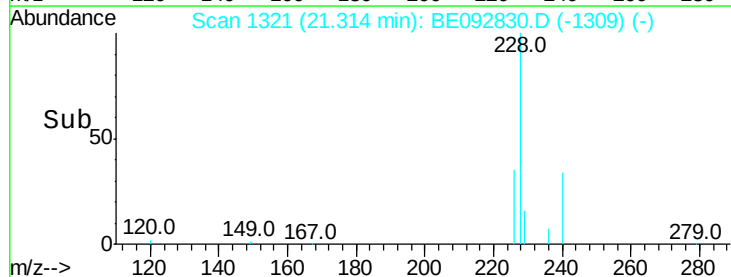
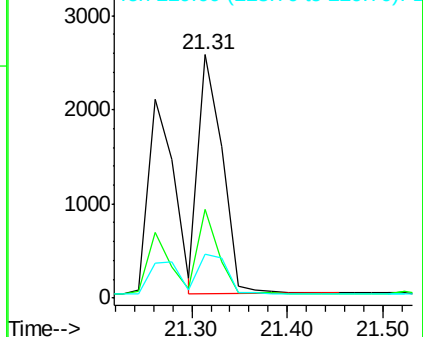
229 17.8 10.6 16.0#

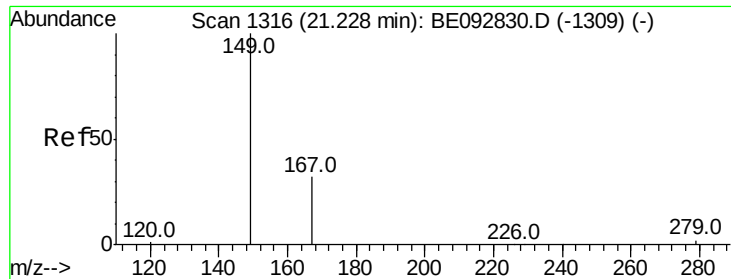


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 21.23 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

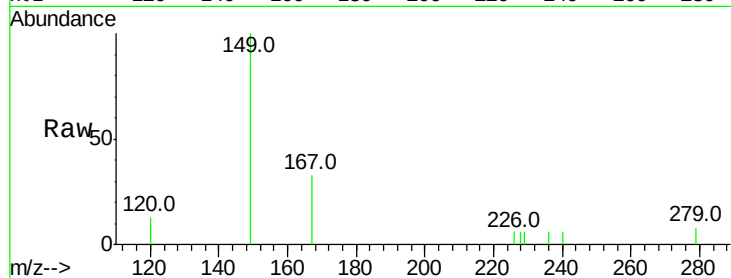
Tot Ion:149 Resp: 1019

Ion Ratio Lower Upper

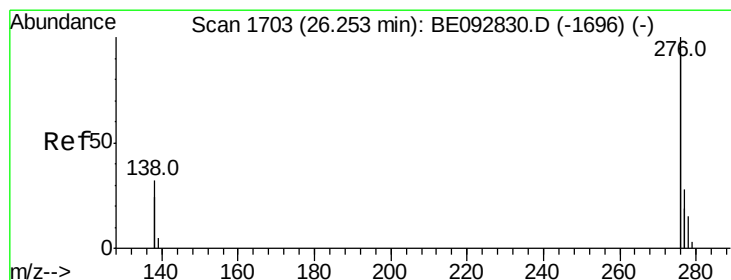
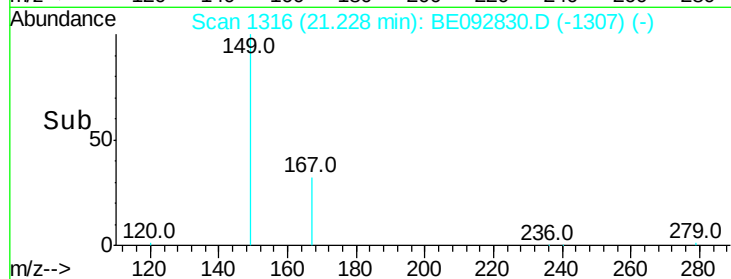
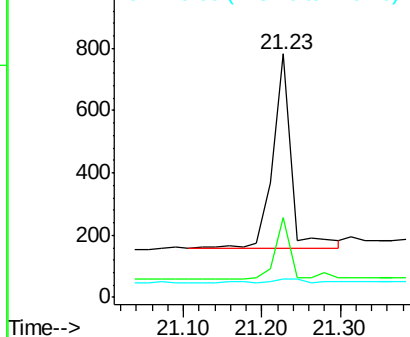
149 100

167 24.7 16.0 24.0#

279 2.5 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: 0.35 ng

RT: 26.25 min Scan# 1703

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

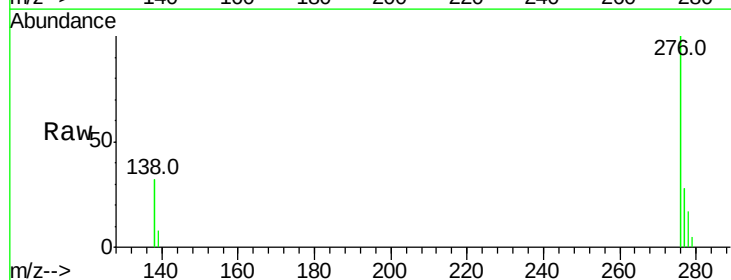
Tgt Ion:276 Resp: 15685

Ion Ratio Lower Upper

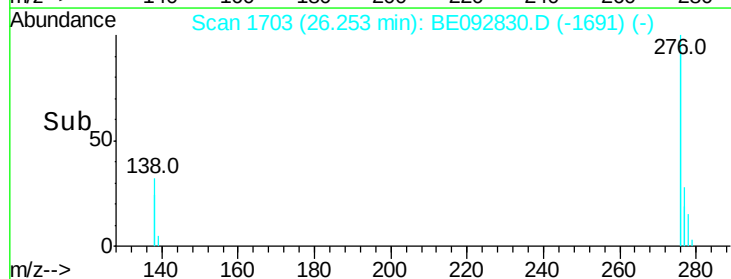
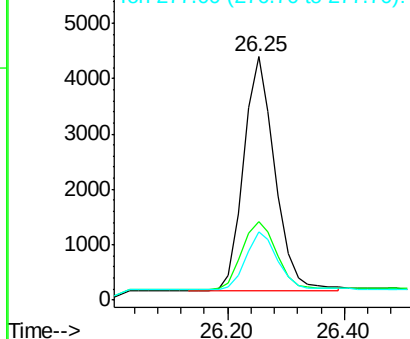
276 100

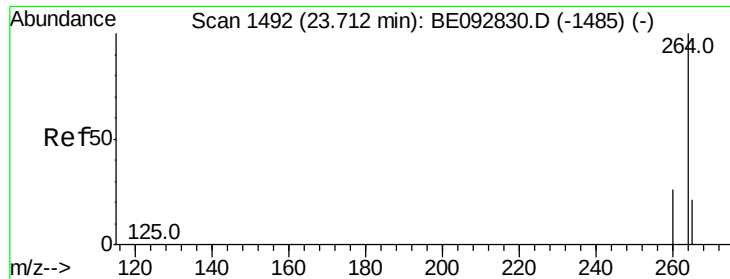
138 32.4 20.3 30.5#

277 25.1 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

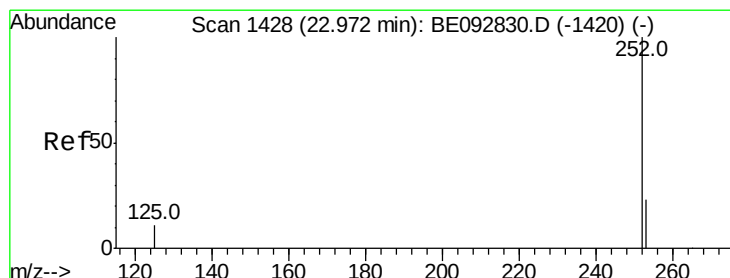
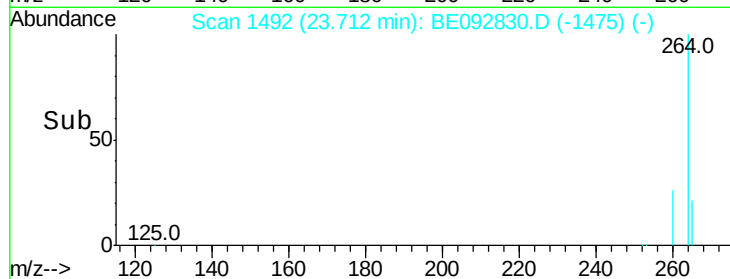
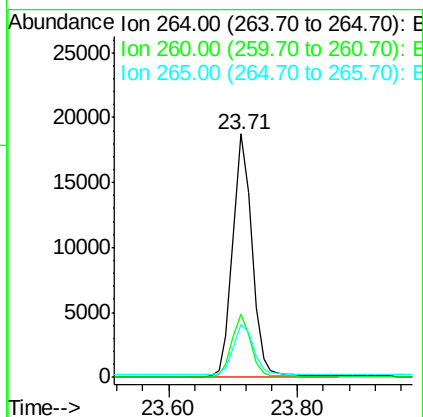
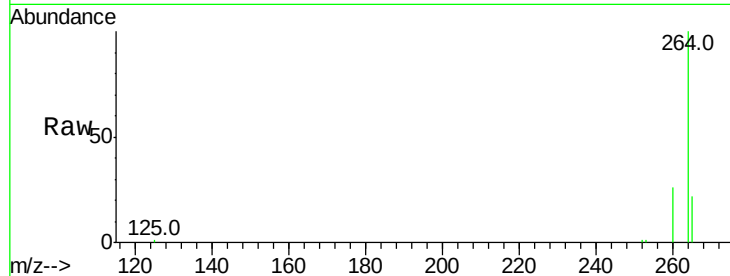




#31
Pervlene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

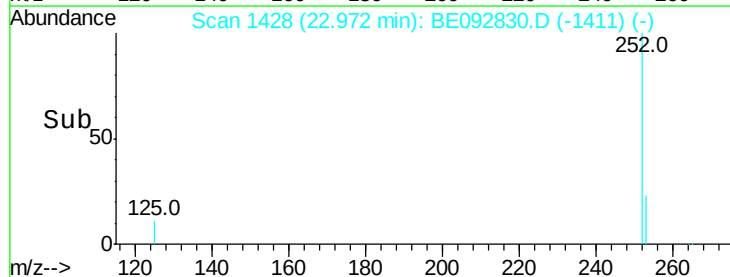
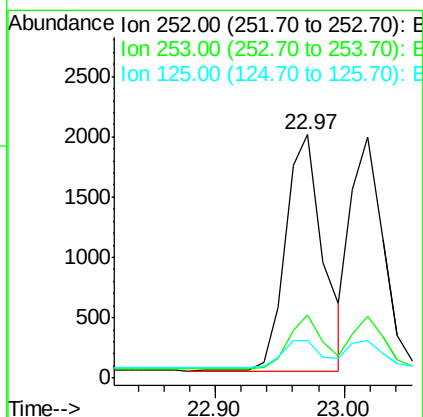
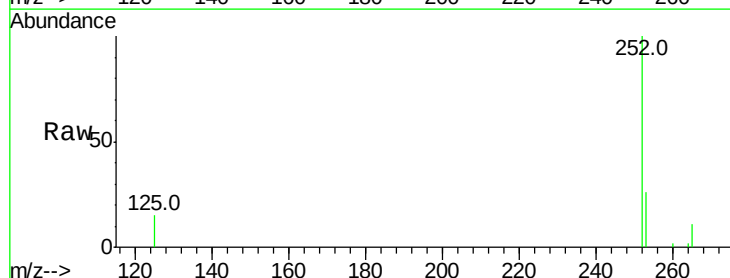
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

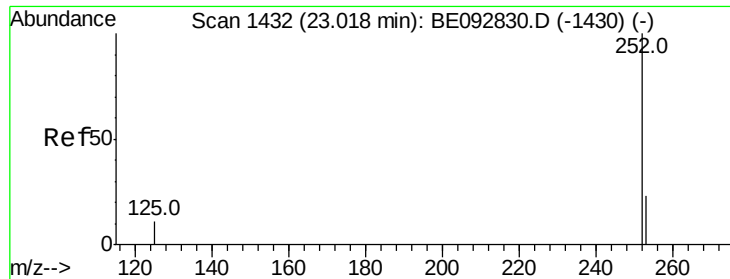
Tot Ion:264 Resp: 38675
Ion Ratio Lower Upper
264 100
260 25.7 20.1 30.1
265 22.0 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.97 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:252 Resp: 3978
Ion Ratio Lower Upper
252 100
253 25.9 18.7 28.1
125 15.3 10.5 15.7

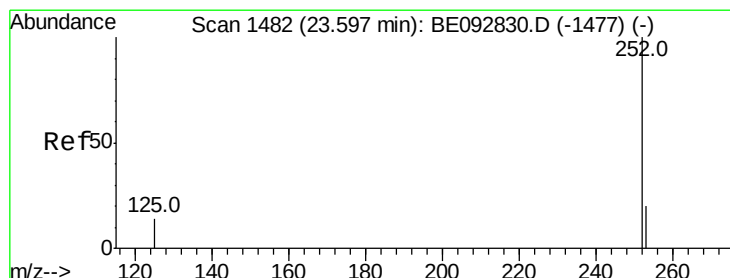
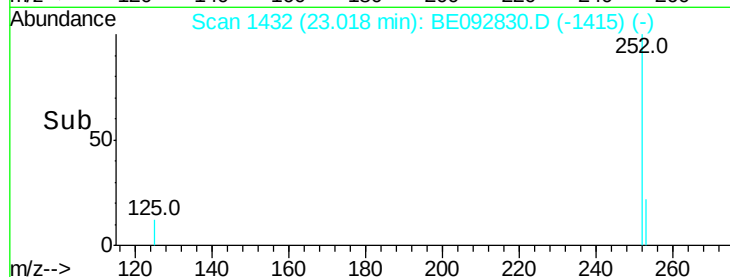
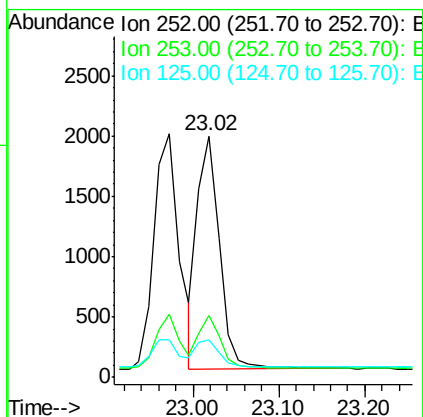
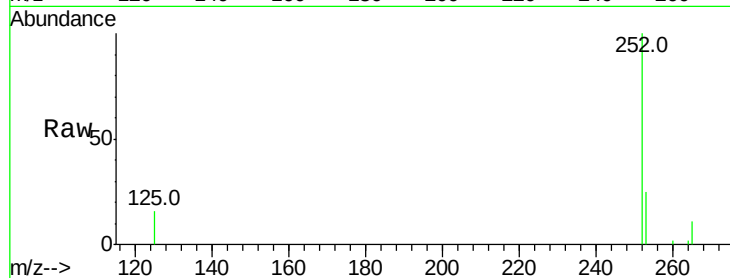




#33
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 23.02 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

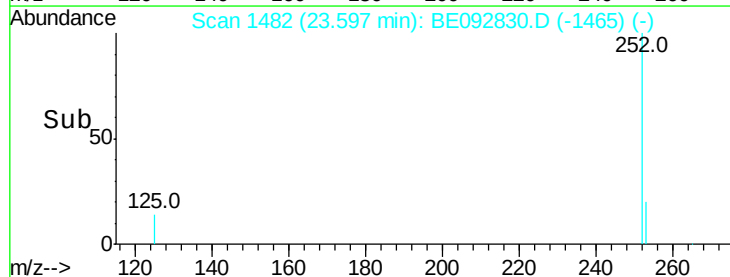
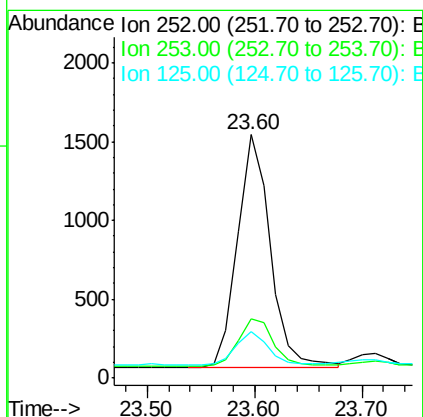
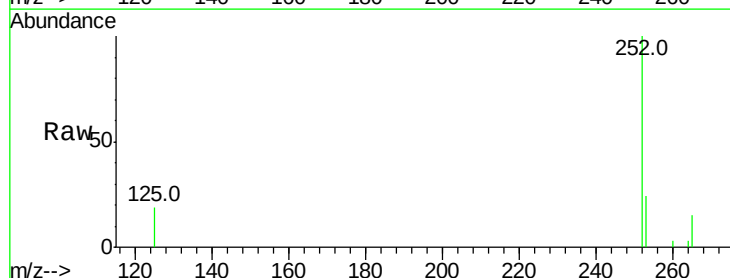
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

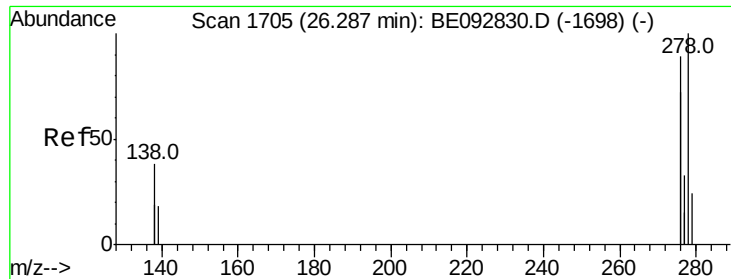
Tot Ion:252 Resp: 3470
Ion Ratio Lower Upper
252 100
253 25.4 20.3 30.5
125 15.7 9.6 14.4#



#34
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.60 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:252 Resp: 3146
Ion Ratio Lower Upper
252 100
253 24.5 19.0 28.6
125 19.2 11.8 17.8#





#35

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.29 min Scan# 1705

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

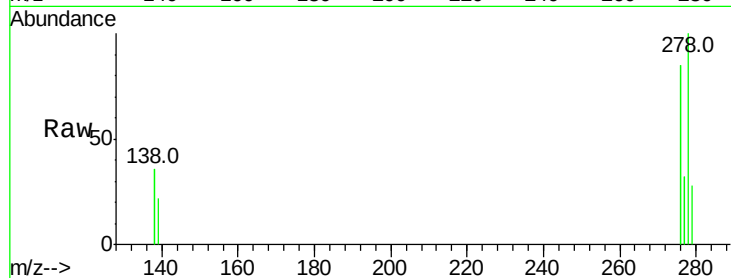
Tot Ion:278 Resp: 3412

Ion Ratio Lower Upper

278 100

139 22.2 13.8 20.8#

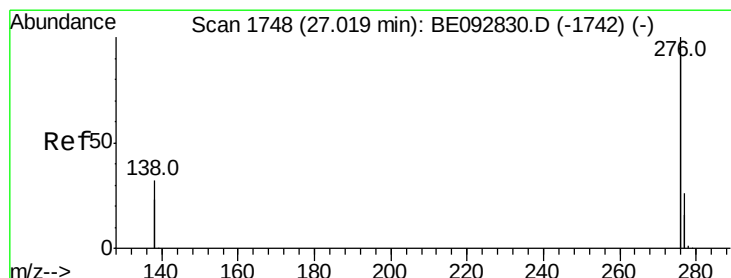
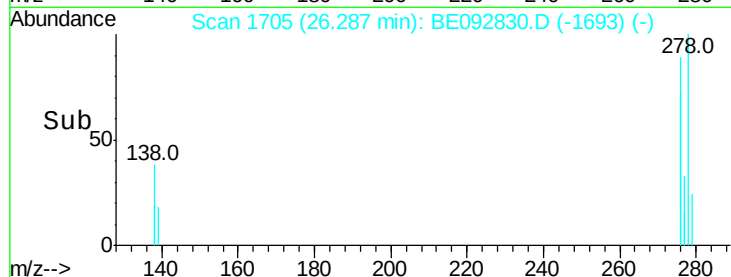
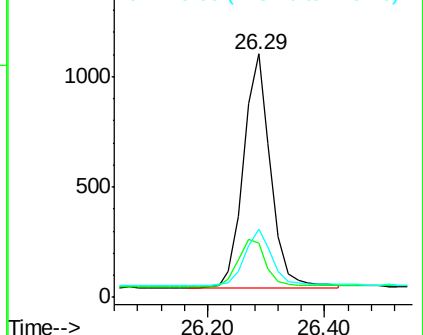
279 27.8 21.4 32.2



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



#36

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.02 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BE092830.D

Acq: 28 Mar 2017 10:47

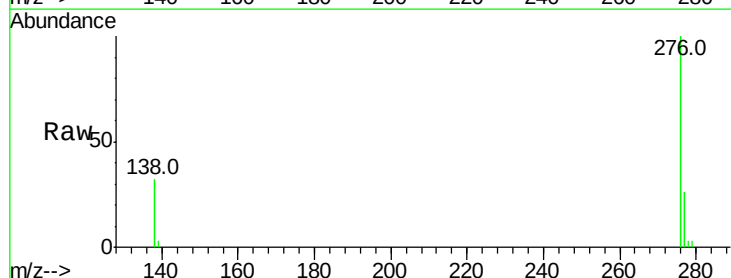
Tgt Ion:276 Resp: 14614

Ion Ratio Lower Upper

276 100

277 25.7 19.8 29.8

138 32.4 19.8 29.6#



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

