

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040717\
 Data File : BE092891.D
 Acq On : 7 Apr 2017 11:51
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 08 01:06:44 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 16:35:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8702	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	37750	5.00	ng	0.00
12) Acenaphthene-d10	14.38	164	18435	5.00	ng	-0.02
18) Phenanthrene-d10	17.13	188	43548	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	50059	5.00	ng	-0.02
31) Perylene-d12	23.70	264	41893	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	677	0.39	ng	0.00
5) Phenol-d6	6.94	99	954	0.38	ng	0.00
8) Nitrobenzene-d5	8.90	82	806	0.37	ng	-0.02
13) 2,4,6-Tribromophenol	15.87	330	89	0.38	ng	-0.01
14) 2-Fluorobiphenyl	13.02	172	2486	0.40	ng	-0.01
26) Terphenyl-d14	19.74	244	2891	0.38	ng	-0.02

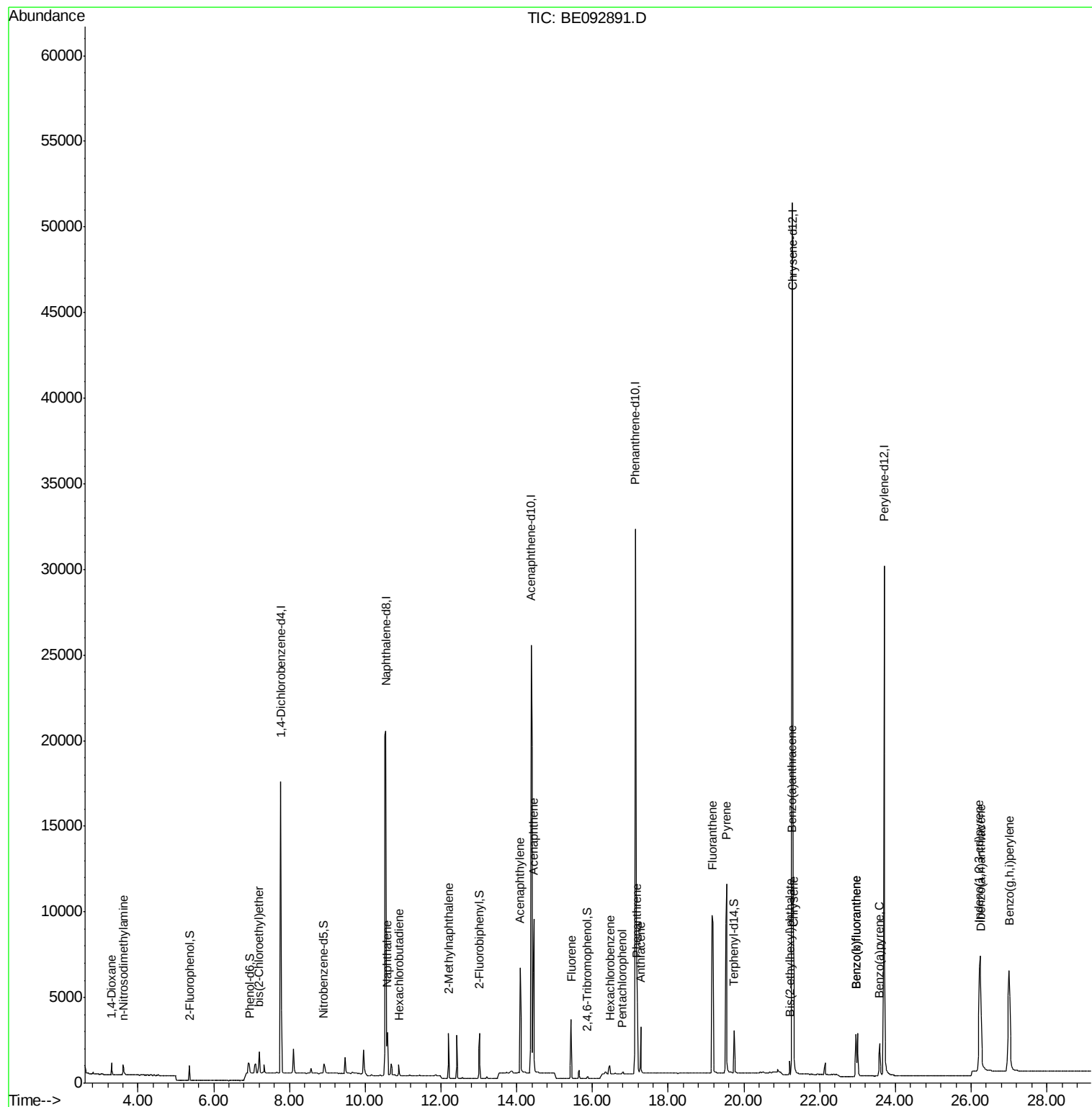
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	464	0.40	ng	92
3) n-Nitrosodimethylamine	3.61	42	450	0.38	ng	# 84
6) bis(2-Chloroethyl)ether	7.20	93	1104	0.39	ng	# 50
9) Naphthalene	10.58	128	3352	0.40	ng	99
10) Hexachlorobutadiene	10.89	225	440	0.39	ng	100
11) 2-Methylnaphthalene	12.21	142	2019	0.39	ng	# 88
15) Acenaphthylene	14.09	152	9243	0.35	ng	100
16) Acenaphthene	14.45	154	2095	0.39	ng	99
17) Fluorene	15.44	166	2248	0.38	ng	97
19) Hexachlorobenzene	16.47	284	610	0.37	ng	# 65
20) Pentachlorophenol	16.79	266	109	0.40	ng	# 89
21) Phenanthrene	17.18	178	4553	0.39	ng	95
22) Anthracene	17.27	178	3366	0.35	ng	98
23) Fluoranthene	19.16	202	15583	0.37	ng	99
25) Pyrene	19.54	202	17049	0.38	ng	99
27) Benzo(a)anthracene	21.26	228	3760	0.35	ng	# 94
28) Chrysene	21.31	228	4989	0.40	ng	# 76
29) Bis(2-ethylhexyl)phthalate	21.21	149	832	0.41	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.22	276	15503	0.37	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	3913	0.38	ng	97
33) Benzo(k)fluoranthene	22.96	252	3913	0.42	ng	98
34) Benzo(a)pyrene	23.58	252	3060	0.38	ng	# 96
35) Dibenzo(a,h)anthracene	26.25	278	3382	0.37	ng	# 93
36) Benzo(g,h,i)perylene	27.00	276	13896	0.37	ng	94

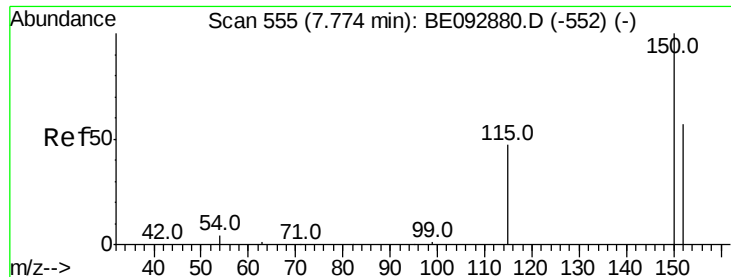
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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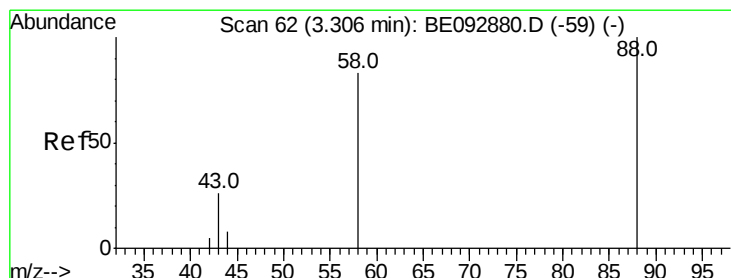
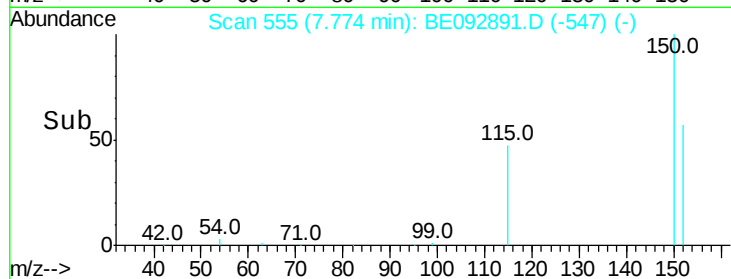
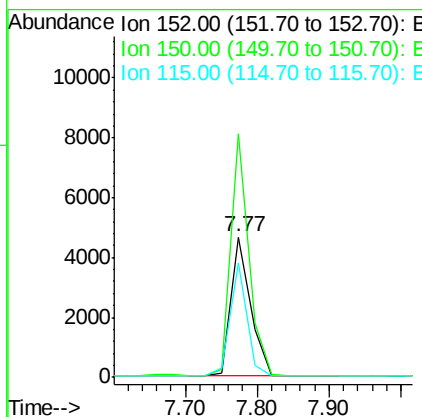
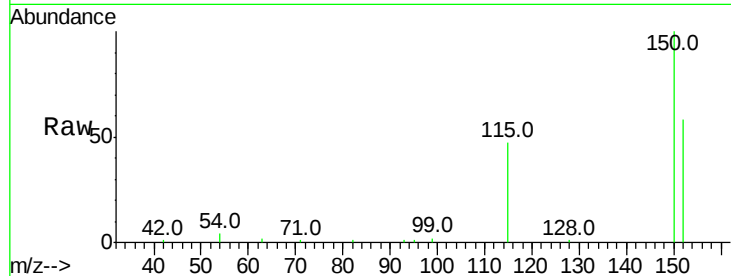




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.77 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BE092891.D
 Acq: 7 Apr 2017 11:51

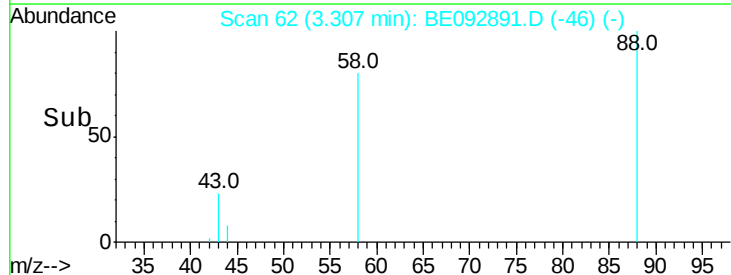
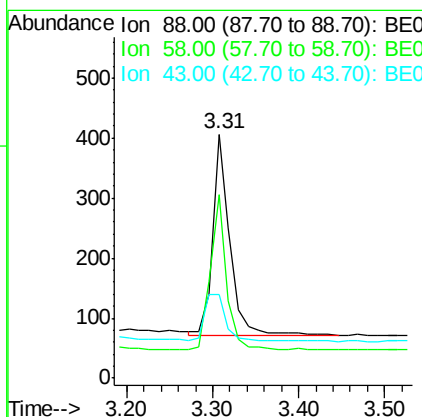
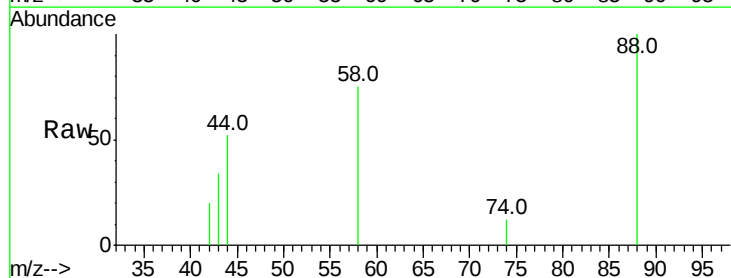
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

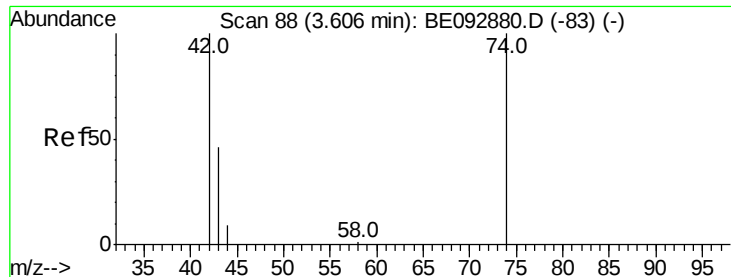
Tot Ion:152 Resp: 8702
 Ion Ratio Lower Upper
 152 100
 150 173.7 106.0 159.0#
 115 81.7 31.2 46.8#



#2
 1,4-Dioxane
 Concen: 0.40 ng
 RT: 3.31 min Scan# 62
 Delta R.T. -0.01 min
 Lab File: BE092891.D
 Acq: 7 Apr 2017 11:51

Tgt Ion: 88 Resp: 464
 Ion Ratio Lower Upper
 88 100
 58 73.5 63.6 95.4
 43 28.7 28.0 42.0





#3

n-Nitrosodimethylamine

Concen: 0.38 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

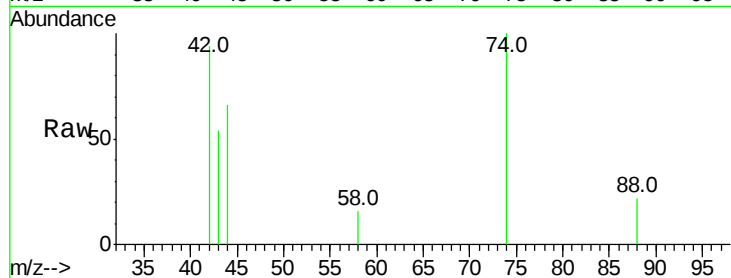
Tot Ion: 42 Resp: 450

Ion Ratio Lower Upper

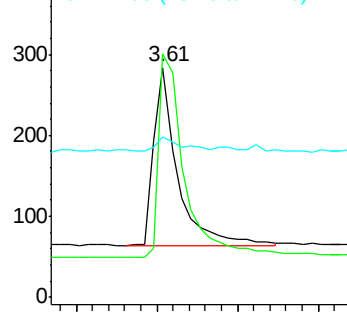
42 100

74 124.4 86.0 129.0

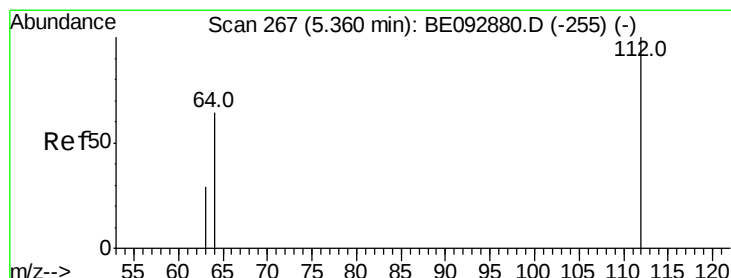
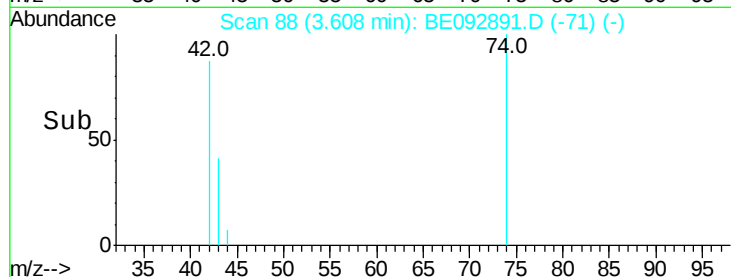
44 9.3 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.39 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

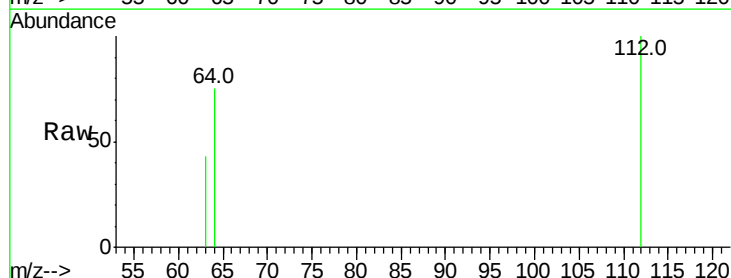
Tgt Ion: 112 Resp: 677

Ion Ratio Lower Upper

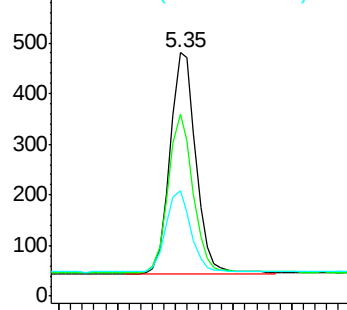
112 100

64 69.7 53.5 80.3

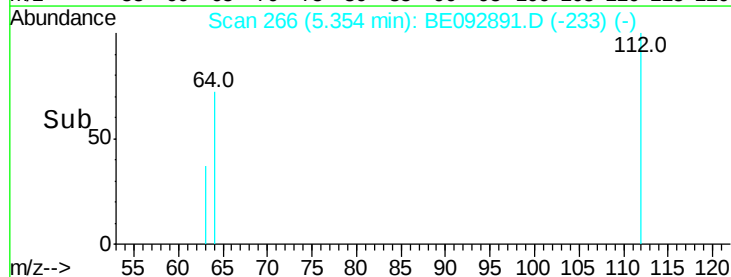
63 35.9 27.9 41.9

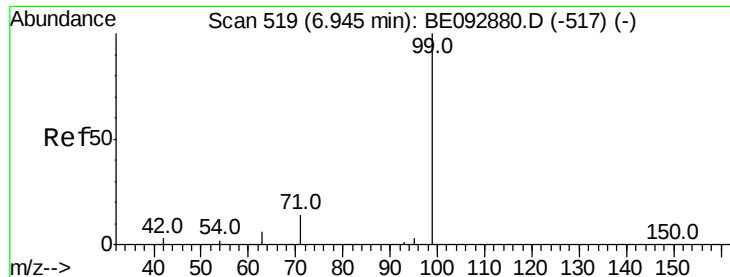


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.38 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

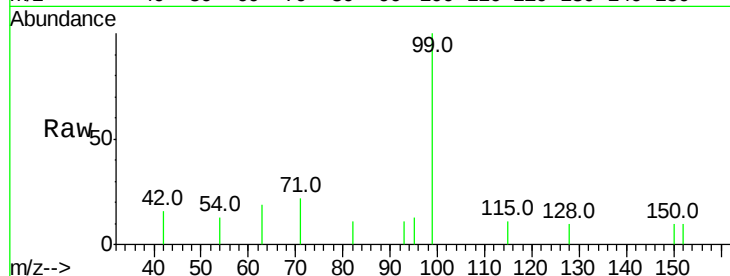
Tot Ion: 99 Resp: 954

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#

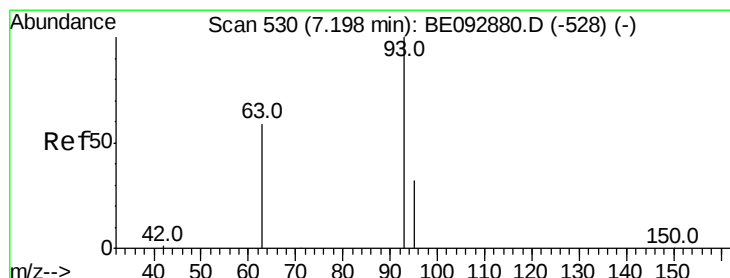
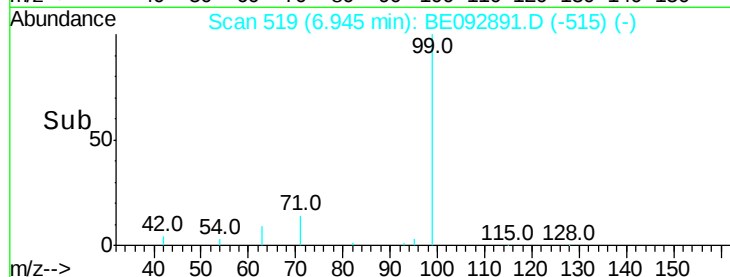
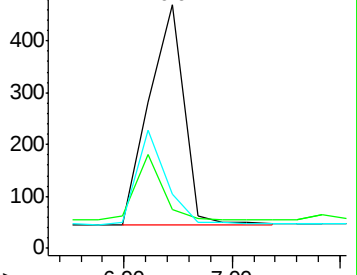


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.94



#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

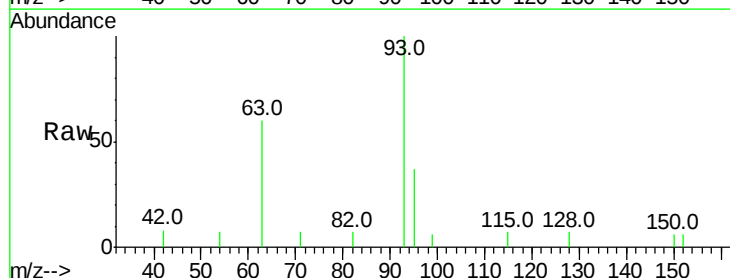
Tgt Ion: 93 Resp: 1104

Ion Ratio Lower Upper

93 100

63 75.6 16.0 24.0#

95 31.4 24.0 36.0

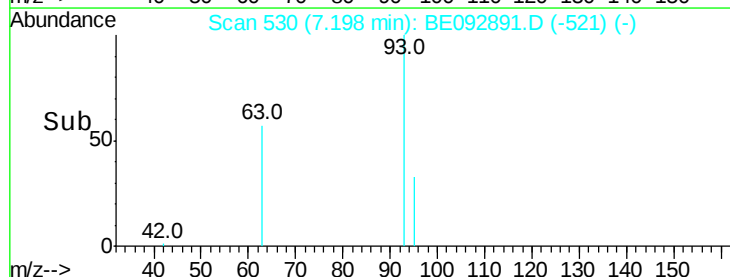
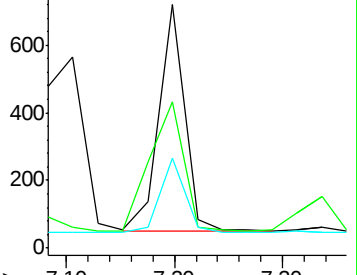


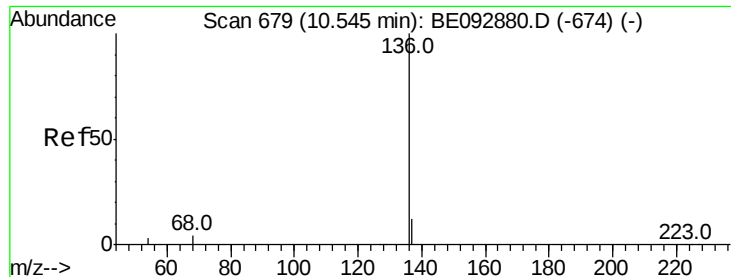
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.20





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 37750

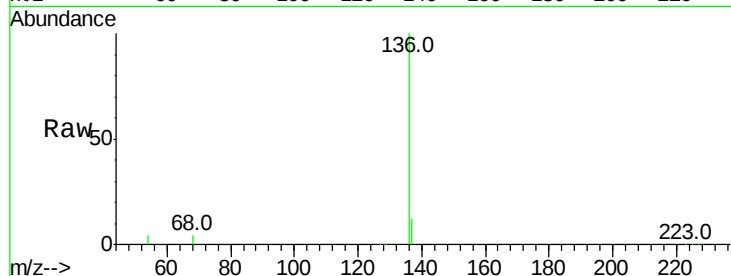
Ion Ratio Lower Upper

136 100

137 12.2 8.2 12.4

54 3.7 9.6 14.4#

68 3.9 6.7 10.1#

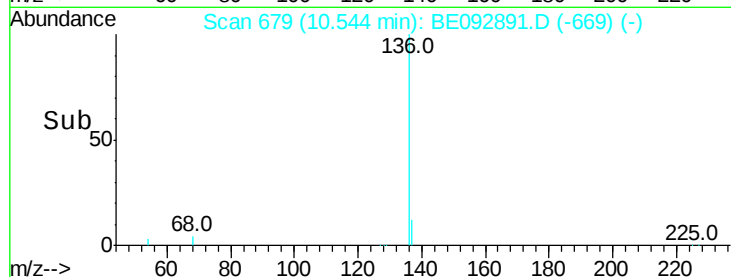


Abundance Ion 136.00 (135.70 to 136.70): E

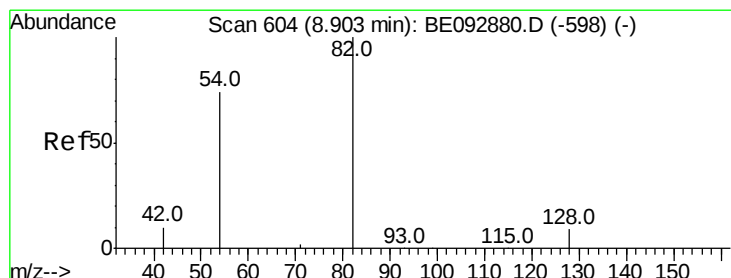
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.50 10.60



#8

Nitrobenzene-d5

Concen: 0.37 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

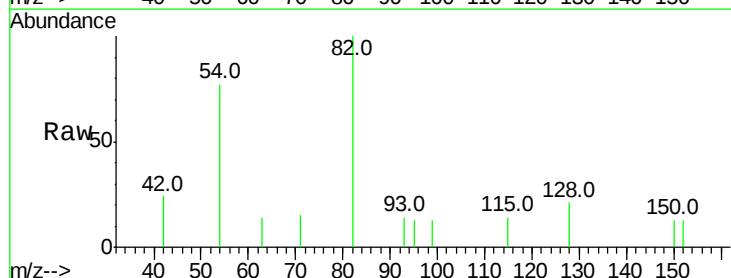
Tgt Ion: 82 Resp: 806

Ion Ratio Lower Upper

82 100

128 21.5 39.0 58.4#

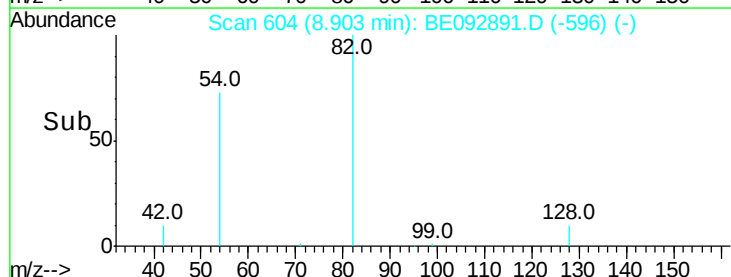
54 76.5 44.8 67.2#



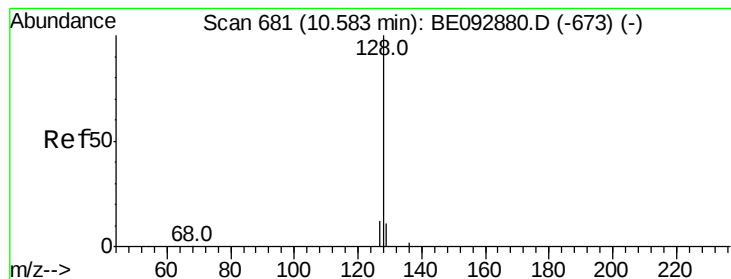
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.70 8.80 8.90 9.00 9.10



#9

Naphthalene

Concen: 0.40 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

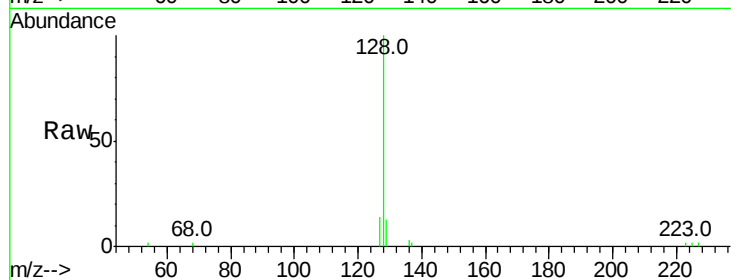
Tot Ion:128 Resp: 3352

Ion Ratio Lower Upper

128 100

129 12.9 11.2 16.8

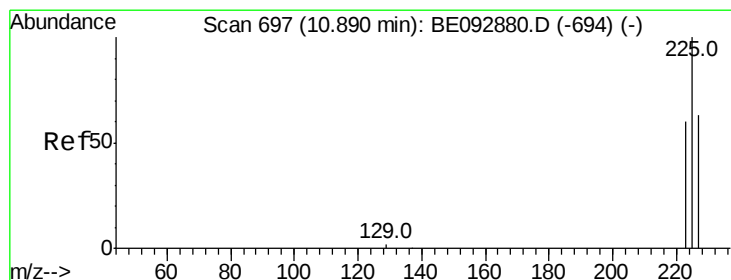
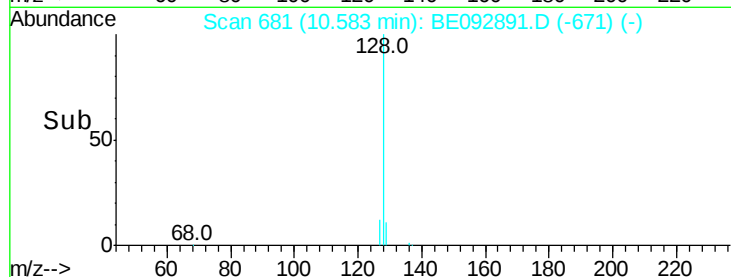
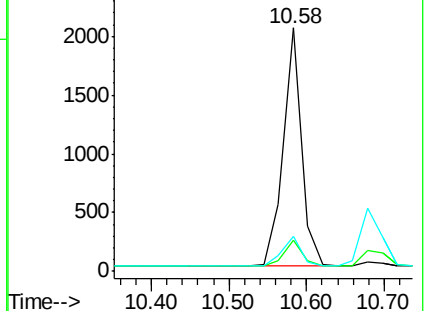
127 14.4 11.6 17.4



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: BE092891.D

Acq: 7 Apr 2017 11:51

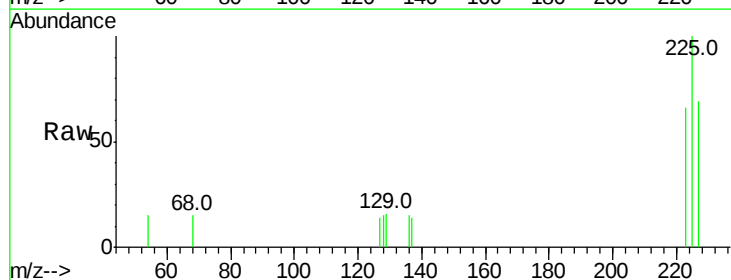
Tgt Ion:225 Resp: 440

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

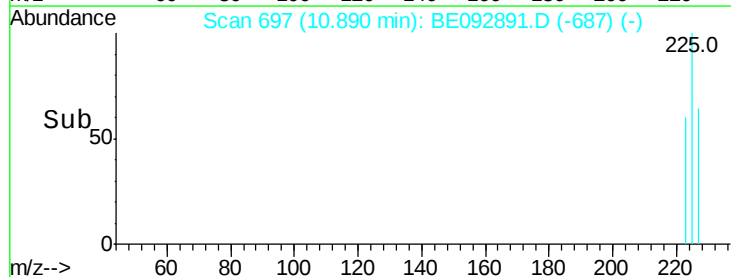
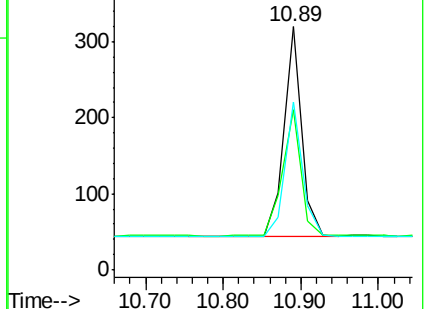
227 64.1 51.4 77.0

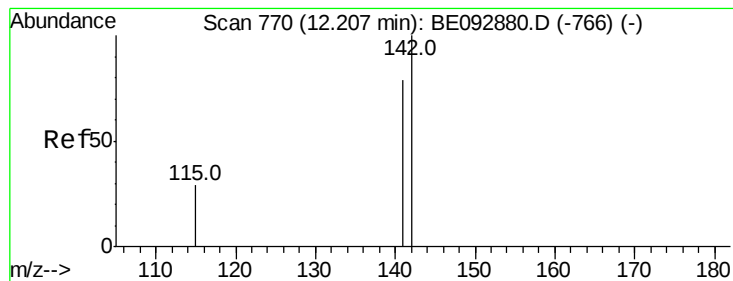


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

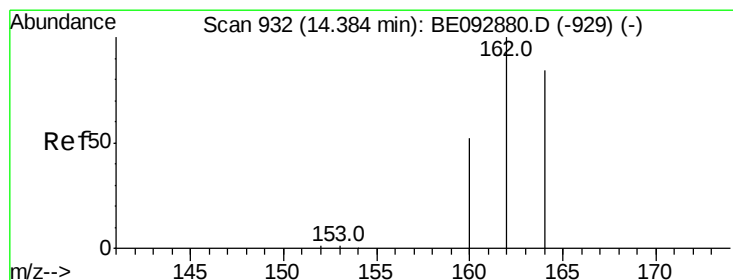
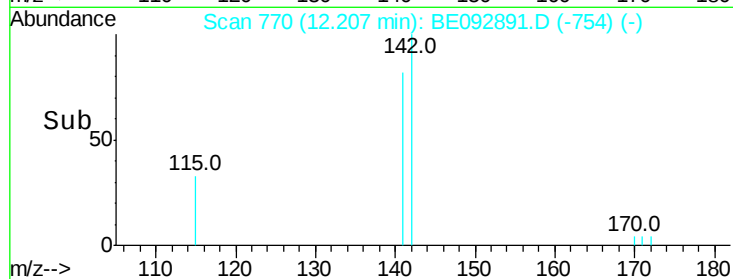
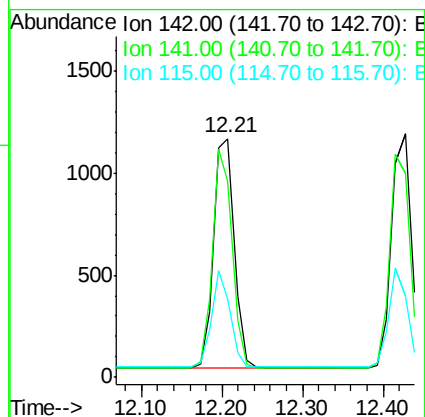
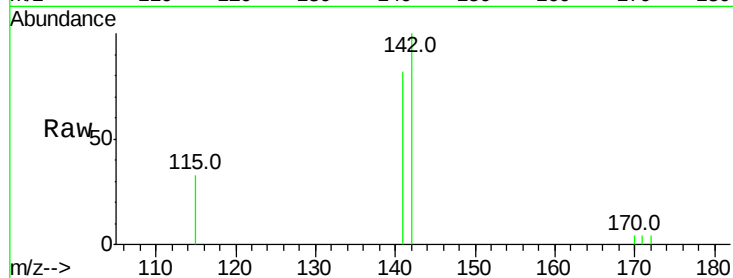




#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.21 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE092891.D
Acq: 7 Apr 2017 11:51

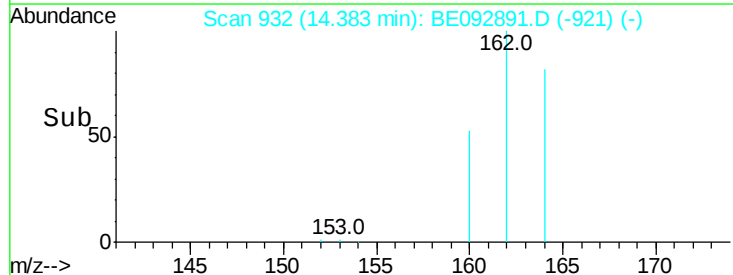
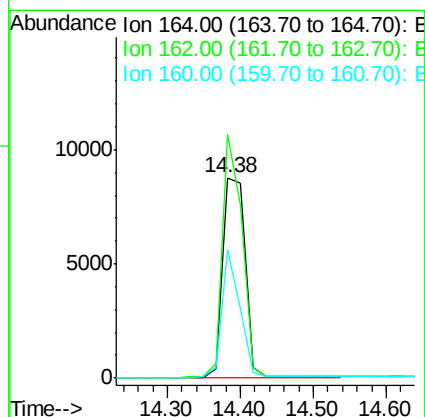
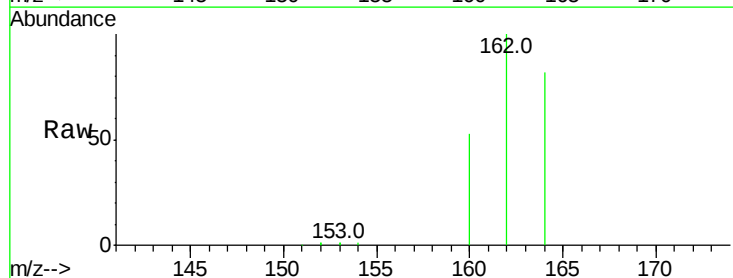
Instrument :
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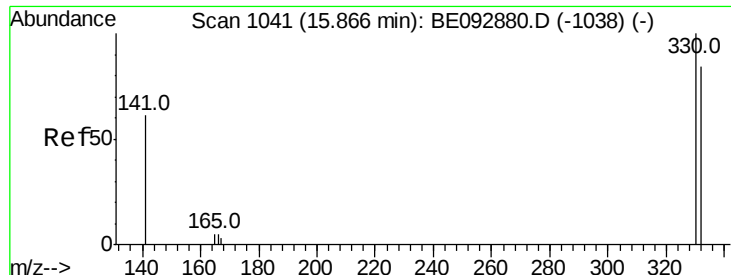
Tot Ion:142 Resp: 2019
Ion Ratio Lower Upper
142 100
141 82.3 73.7 110.5
115 32.8 34.0 51.0#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 932
Delta R.T. -0.02 min
Lab File: BE092891.D
Acq: 7 Apr 2017 11:51

Tgt Ion:164 Resp: 18435
Ion Ratio Lower Upper
164 100
162 121.7 71.4 107.0#
160 64.3 27.4 41.2#

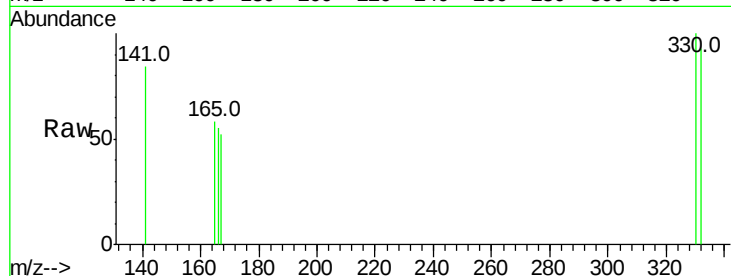




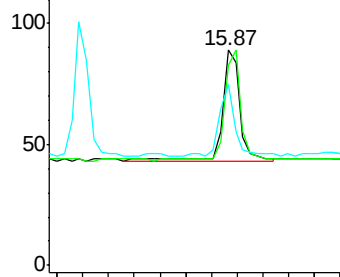
#13
 2,4,6-Tribromophenol
 Concen: 0.38 ng
 RT: 15.87 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE092891.D
 Acq: 7 Apr 2017 11:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

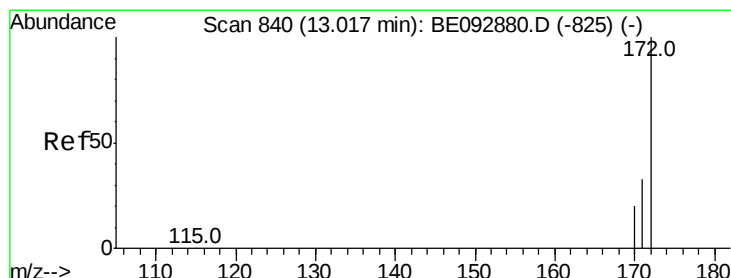
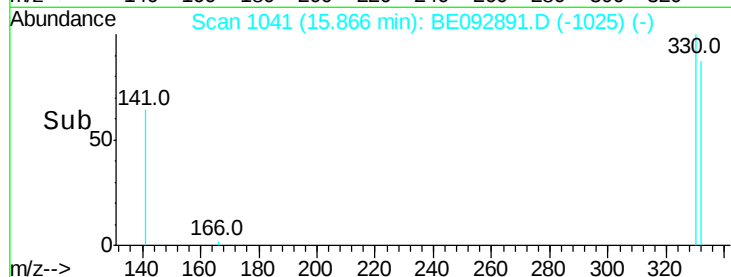
Tot Ion:330 Resp: 89
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.0
 141 57.3 31.0 46.6#



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

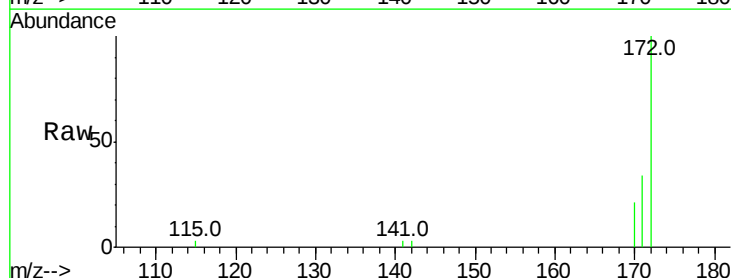


Time--> 15.60 15.80 16.00

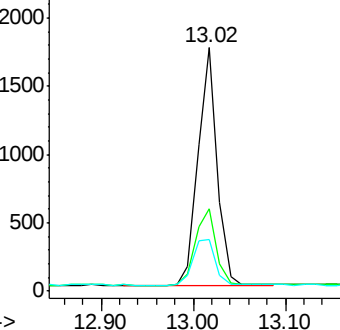


#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092891.D
 Acq: 7 Apr 2017 11:51

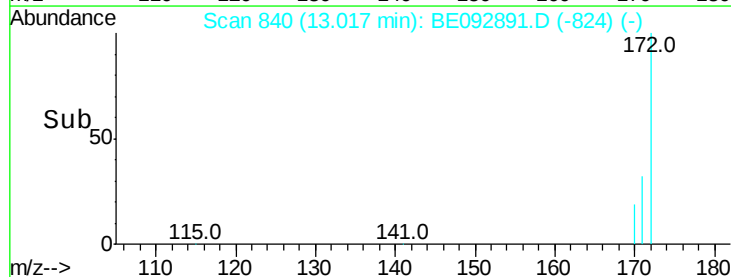
Tgt Ion:172 Resp: 2486
 Ion Ratio Lower Upper
 172 100
 171 33.9 30.1 45.1
 170 21.2 21.8 32.6#

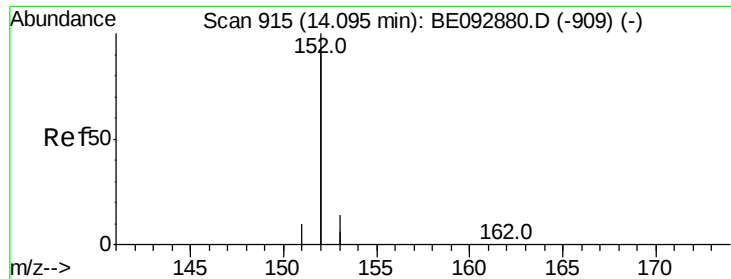


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.90 13.00 13.10





#15

Acenaphthylene

Concen: 0.35 ng

RT: 14.09 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

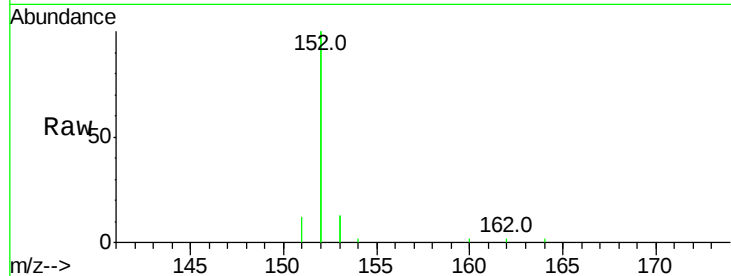
Tot Ion:152 Resp: 9243

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

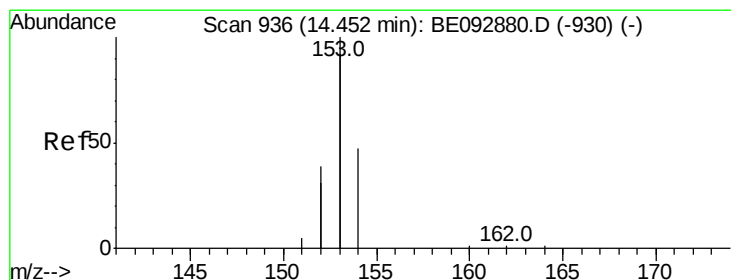
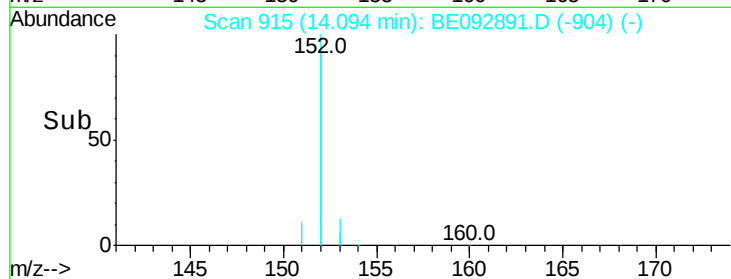
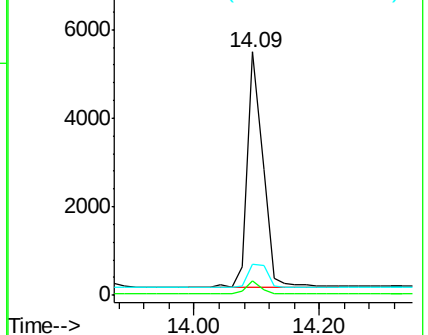
153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.39 ng

RT: 14.45 min Scan# 936

Delta R.T. 0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

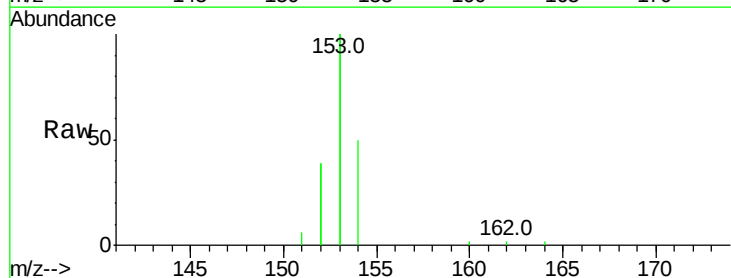
Tgt Ion:154 Resp: 2095

Ion Ratio Lower Upper

154 100

153 435.2 350.8 526.2

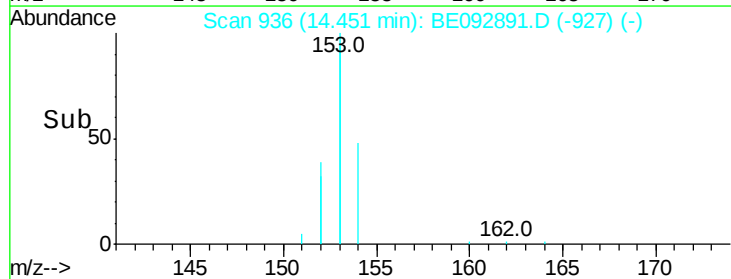
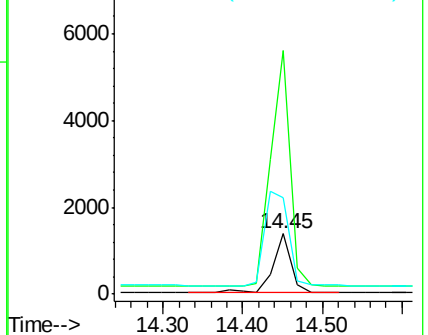
152 214.6 171.1 256.7

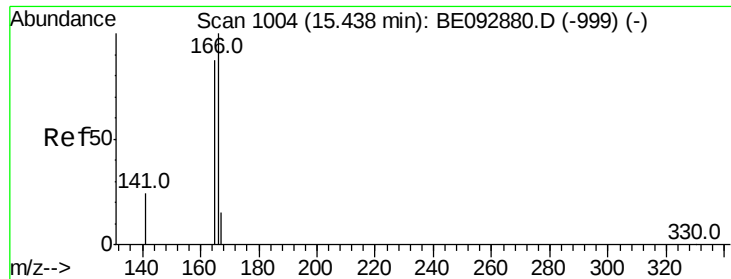


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.38 ng

RT: 15.44 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

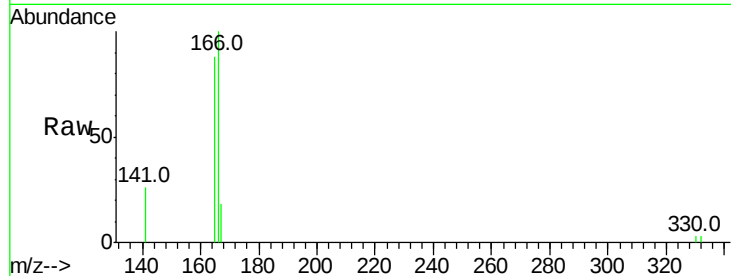
Tot Ion:166 Resp: 2248

Ion Ratio Lower Upper

166 100

165 100.5 78.2 117.4

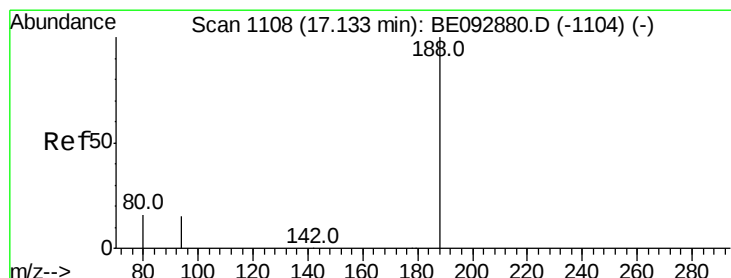
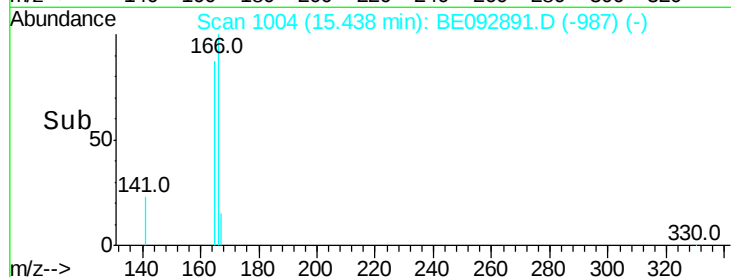
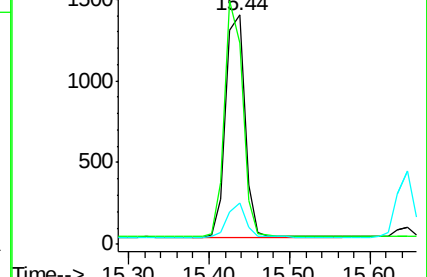
167 14.0 11.0 16.4



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: 17.13 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

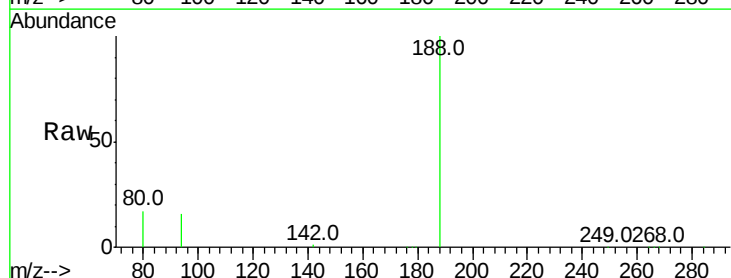
Tgt Ion:188 Resp: 43548

Ion Ratio Lower Upper

188 100

94 16.0 3.2 4.8#

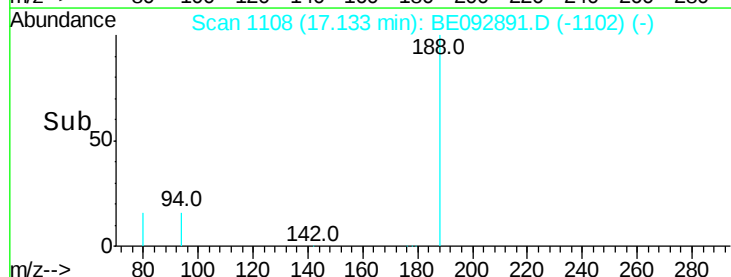
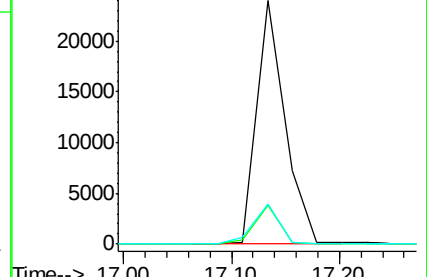
80 16.6 2.6 3.8#

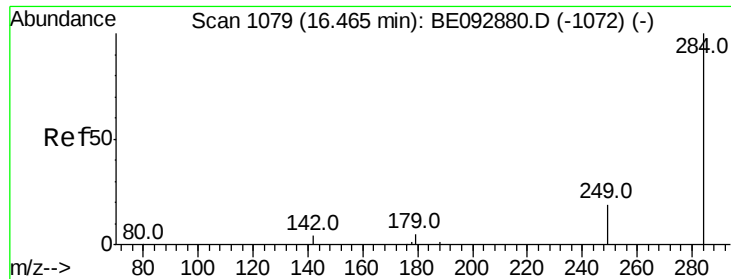


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

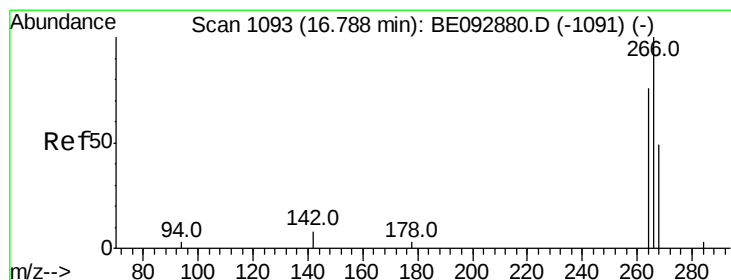
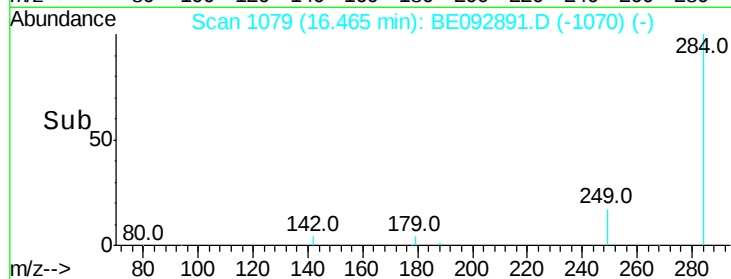
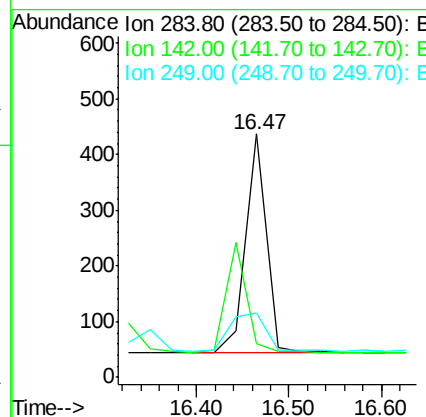
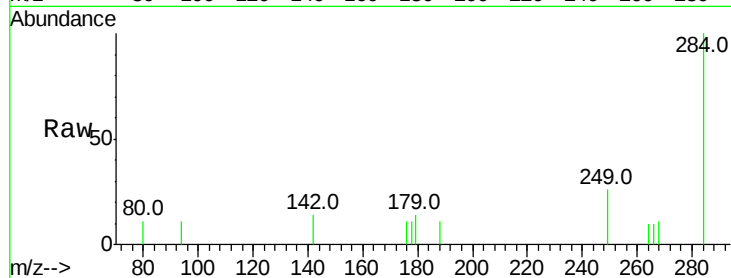




#19
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.47 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092891.D
Acq: 7 Apr 2017 11:51

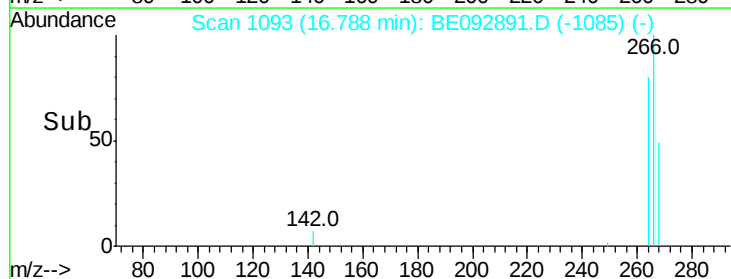
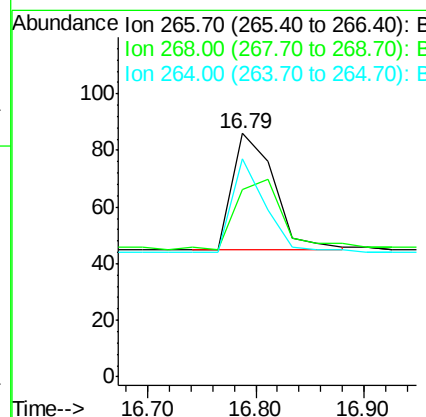
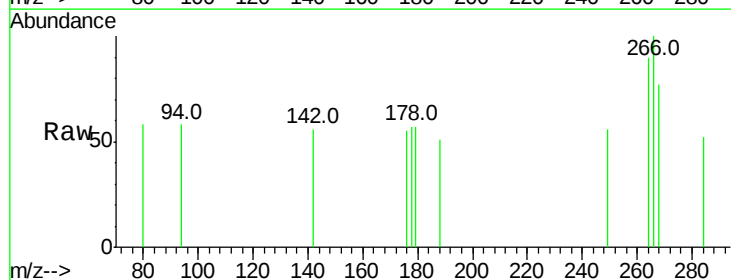
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

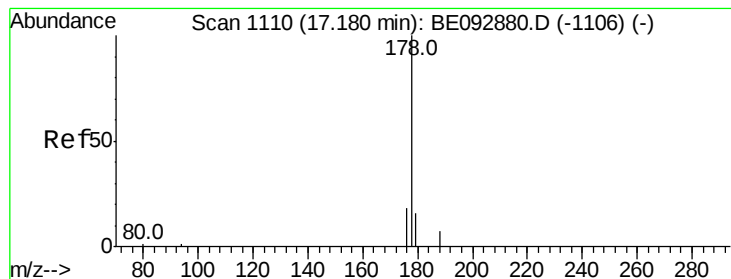
Tot Ion:284 Resp: 610
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 30.2 27.9 41.9



#20
Pentachlorophenol
Concen: 0.40 ng
RT: 16.79 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BE092891.D
Acq: 7 Apr 2017 11:51

Tgt Ion:266 Resp: 109
Ion Ratio Lower Upper
266 100
268 76.7 62.5 93.7
264 89.5 57.2 85.8#





#21

Phenanthrene

Concen: 0.39 ng

RT: 17.18 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

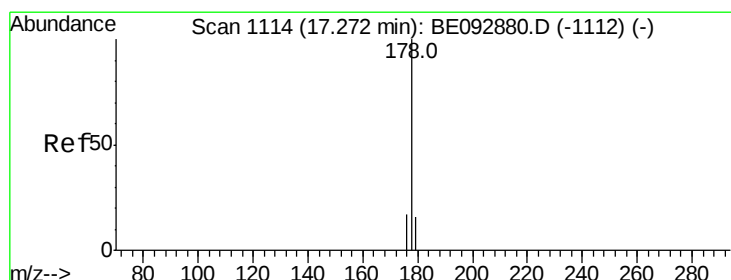
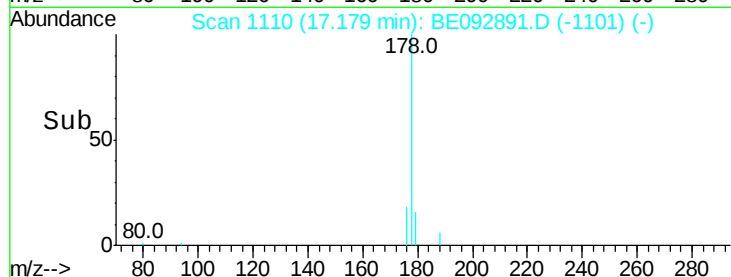
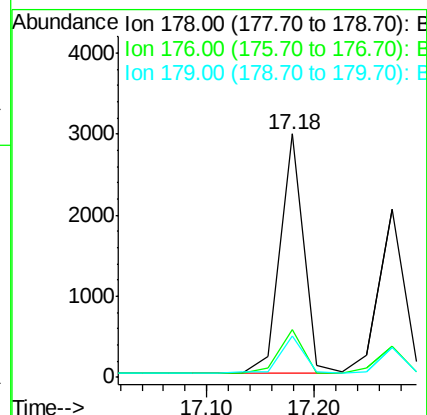
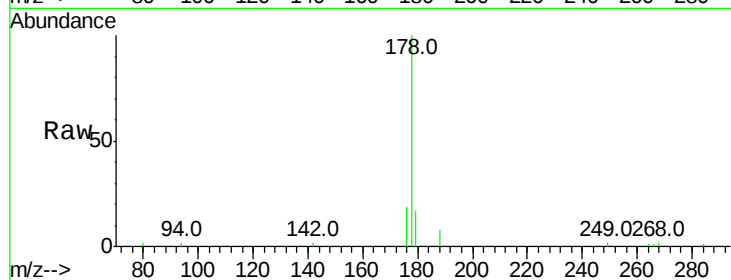
Tot Ion:178 Resp: 4553

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

179 16.3 16.0 24.0



#22

Anthracene

Concen: 0.35 ng

RT: 17.27 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

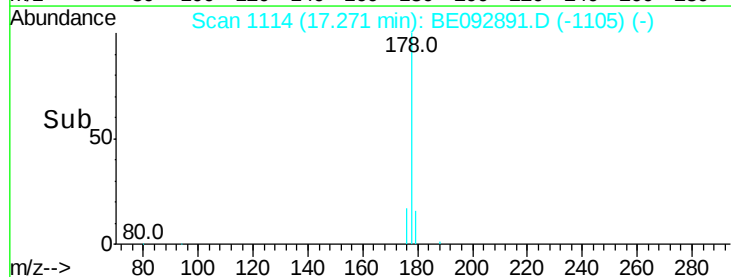
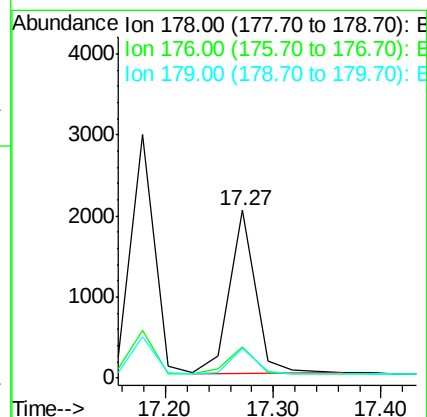
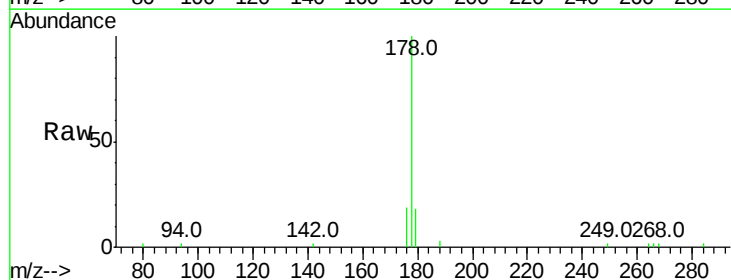
Tgt Ion:178 Resp: 3366

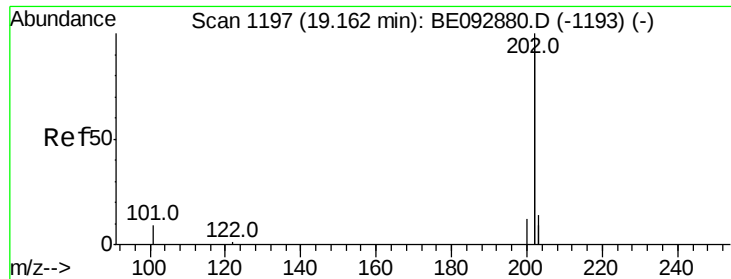
Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.4

179 15.7 12.2 18.2

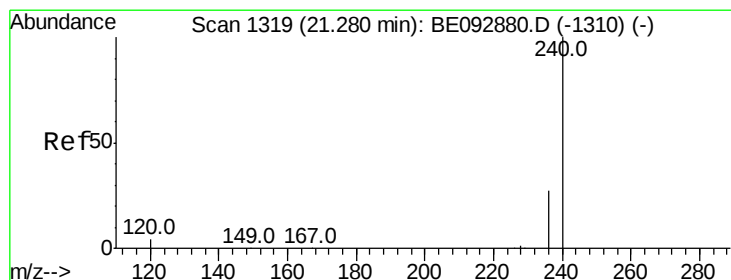
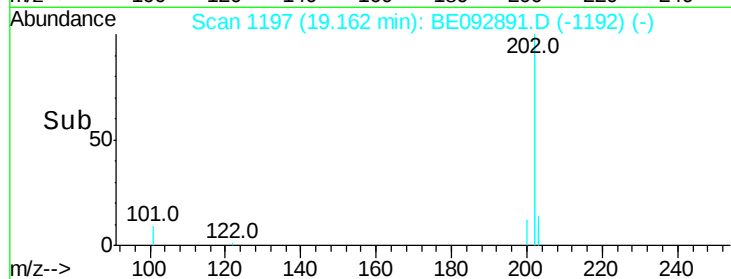
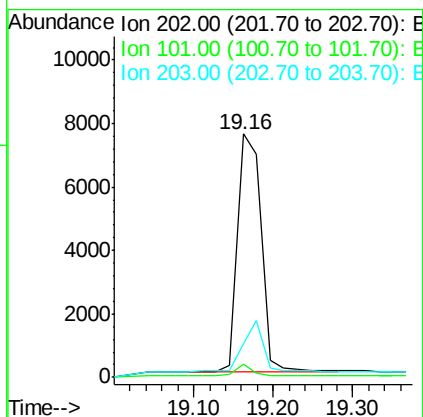
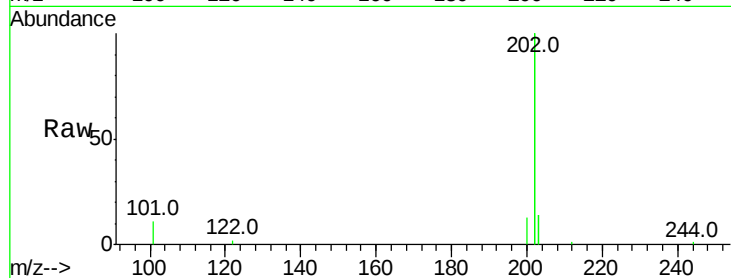




#23
 Fluoranthene
 Concen: 0.37 ng
 RT: 19.16 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BE092891.D
 Acq: 7 Apr 2017 11:51

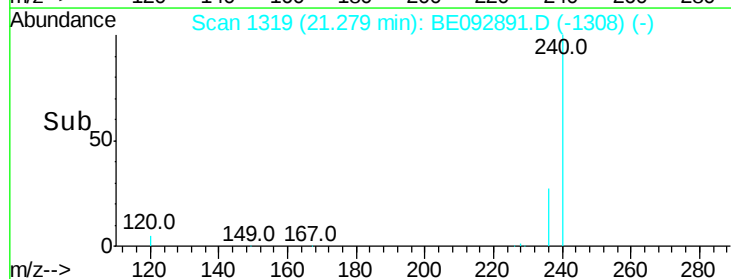
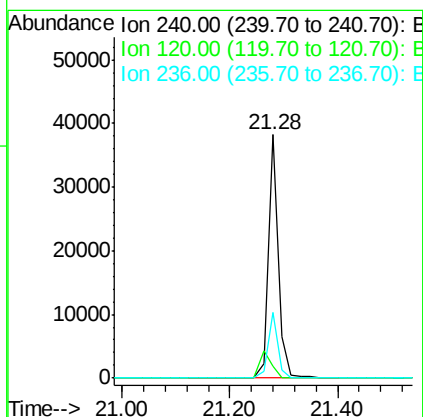
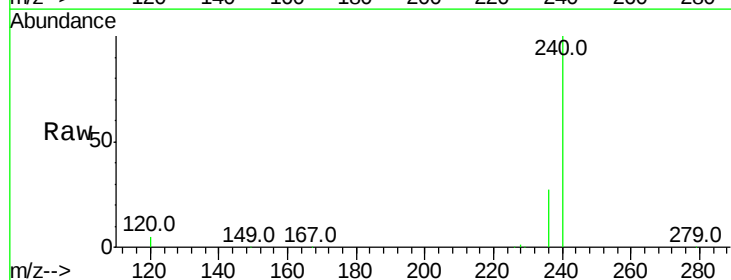
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

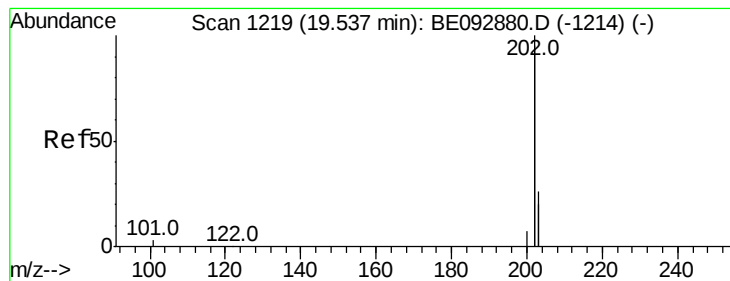
Tot Ion:202 Resp: 15583
 Ion Ratio Lower Upper
 202 100
 101 3.2 2.2 3.4
 203 17.5 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.28 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BE092891.D
 Acq: 7 Apr 2017 11:51

Tgt Ion:240 Resp: 50059
 Ion Ratio Lower Upper
 240 100
 120 4.9 2.6 4.0#
 236 26.9 24.6 37.0





#25

Pvrene

Concen: 0.38 ng

RT: 19.54 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

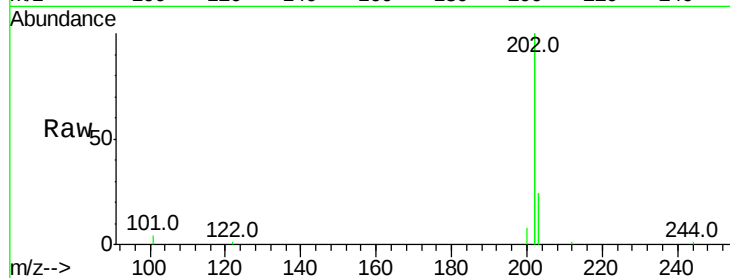
Tot Ion:202 Resp: 17049

Ion Ratio Lower Upper

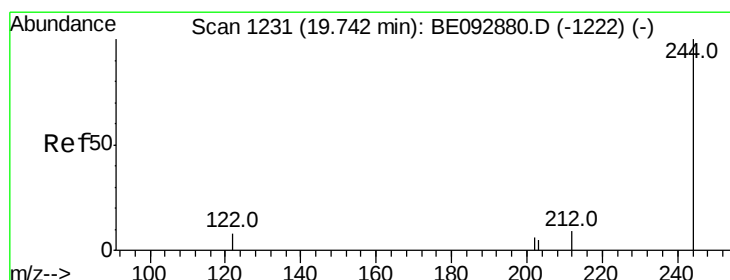
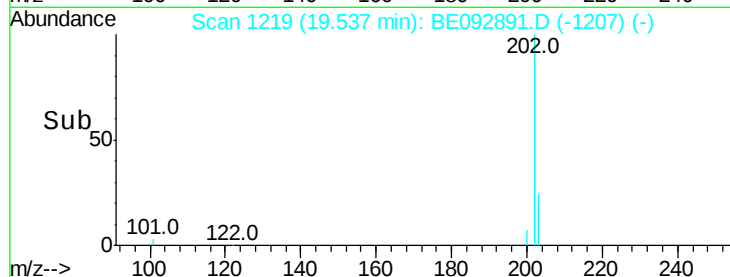
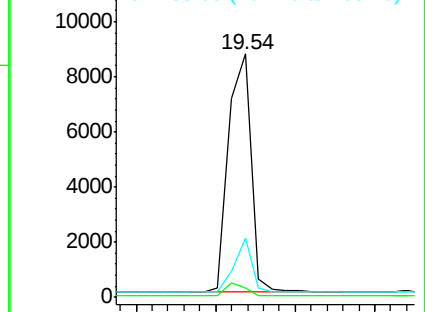
202 100

200 5.0 4.2 6.4

203 17.9 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: 0.38 ng

RT: 19.74 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

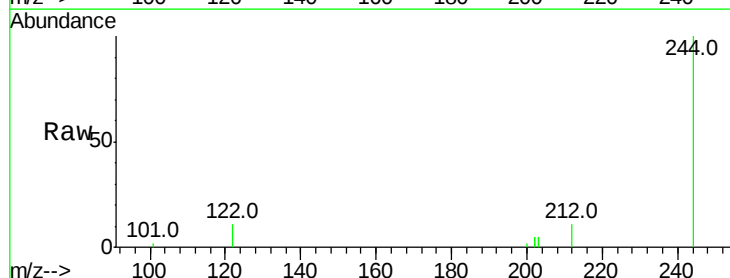
Tgt Ion:244 Resp: 2891

Ion Ratio Lower Upper

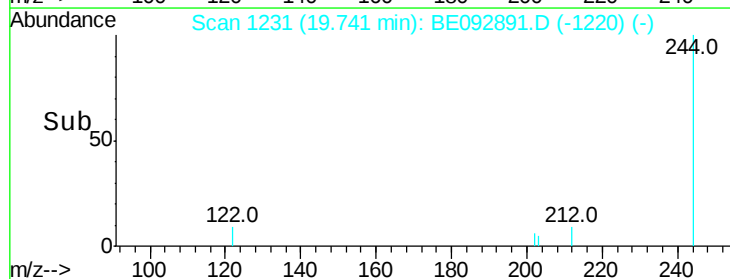
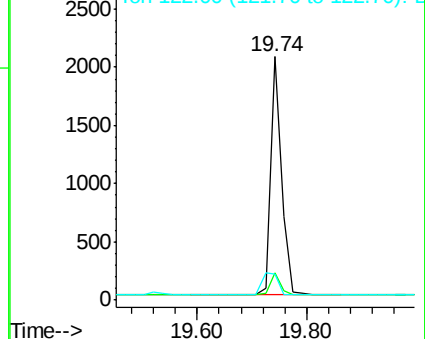
244 100

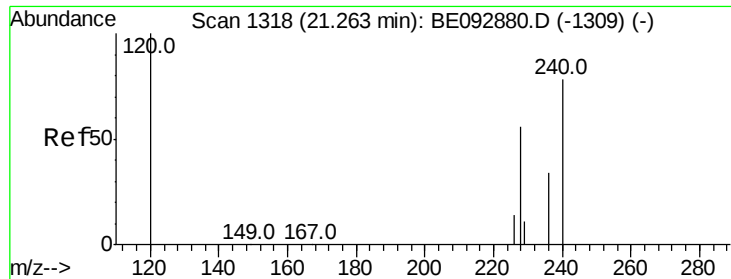
212 10.9 6.7 10.1#

122 10.9 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: 0.35 ng

RT: 21.26 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

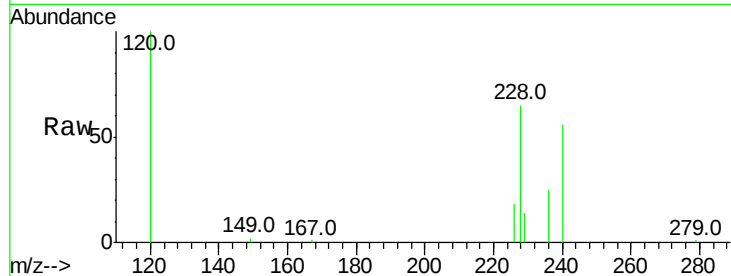
Tot Ion:228 Resp: 3760

Ion Ratio Lower Upper

228 100

226 27.2 23.6 35.4

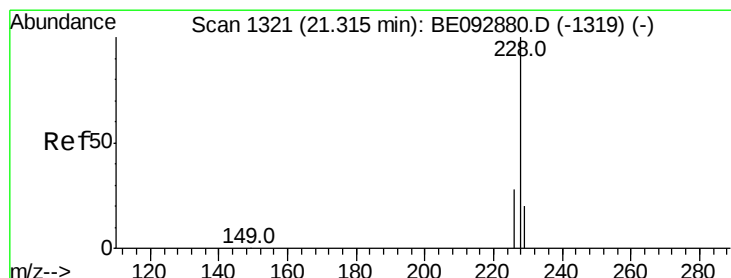
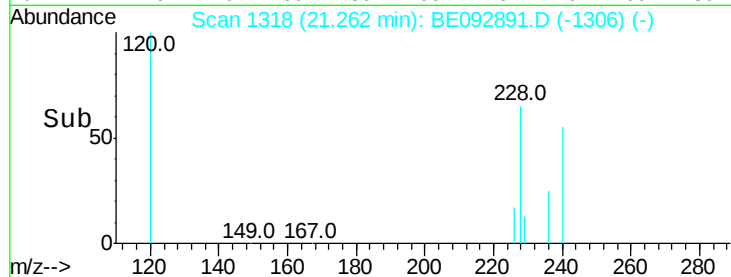
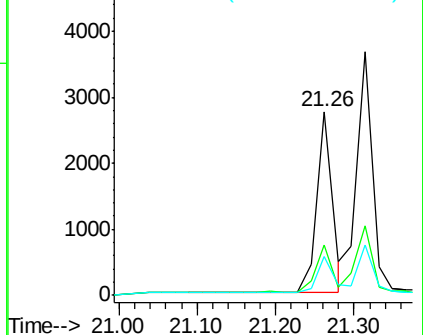
229 20.9 13.3 19.9#



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: 0.40 ng

RT: 21.31 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

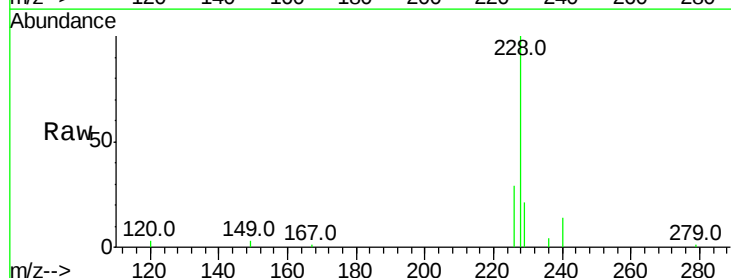
Tgt Ion:228 Resp: 4989

Ion Ratio Lower Upper

228 100

226 28.6 36.3 54.5#

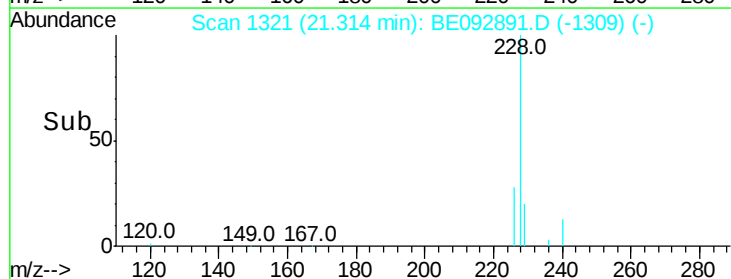
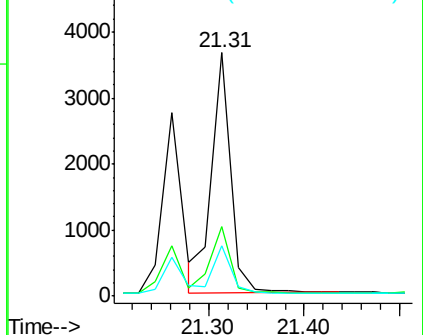
229 20.8 10.6 16.0#

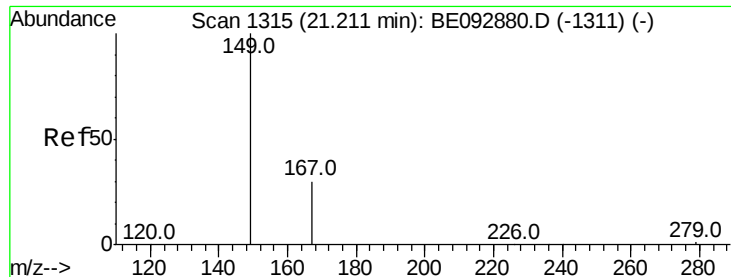


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.41 ng

RT: 21.21 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

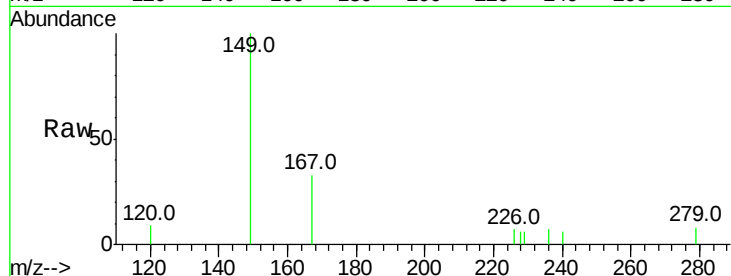
Tot Ion:149 Resp: 832

Ion Ratio Lower Upper

149 100

167 26.1 16.0 24.0#

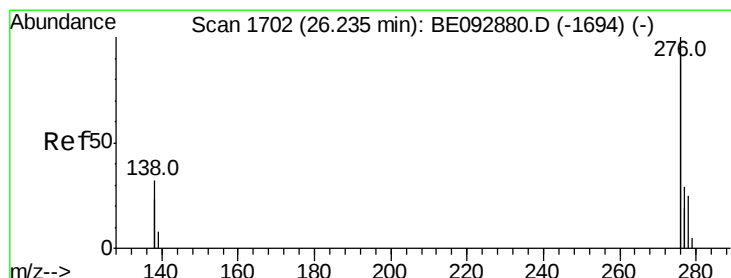
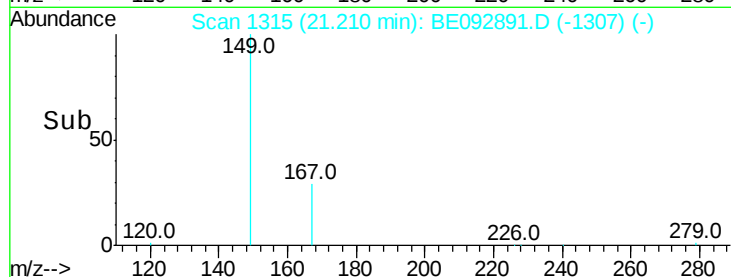
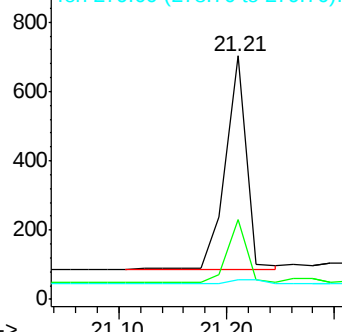
279 3.1 16.0 24.0#



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: 0.37 ng

RT: 26.22 min Scan# 1701

Delta R.T. -0.03 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

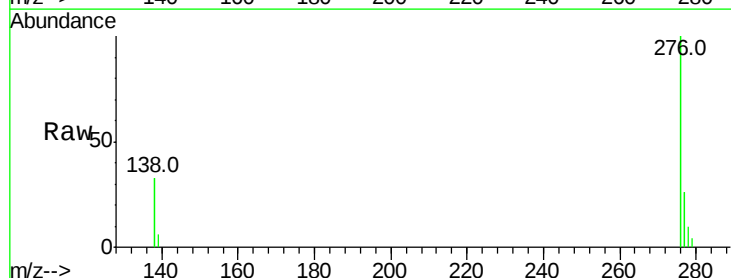
Tgt Ion:276 Resp: 15503

Ion Ratio Lower Upper

276 100

138 31.8 20.3 30.5#

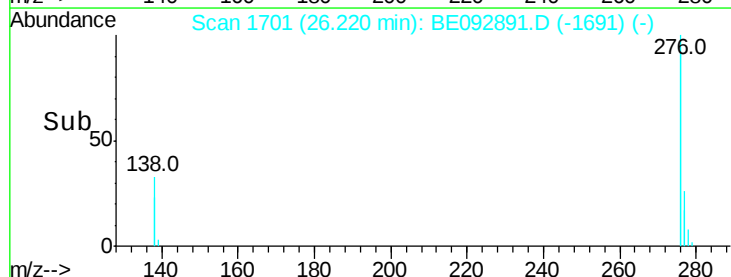
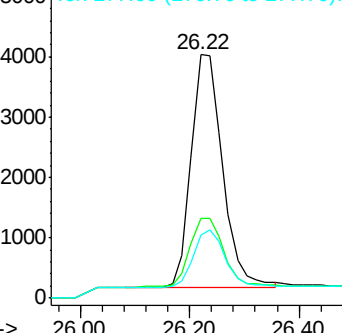
277 24.9 19.7 29.5

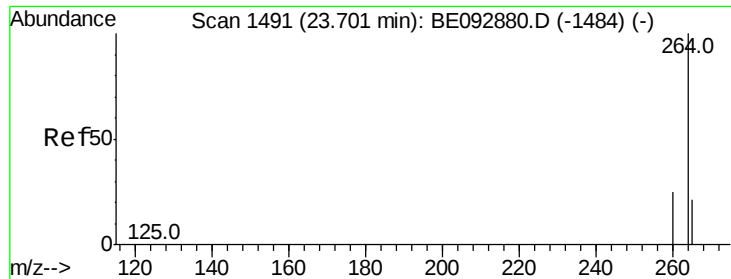


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

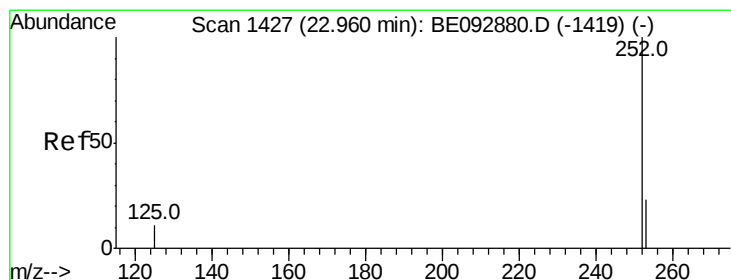
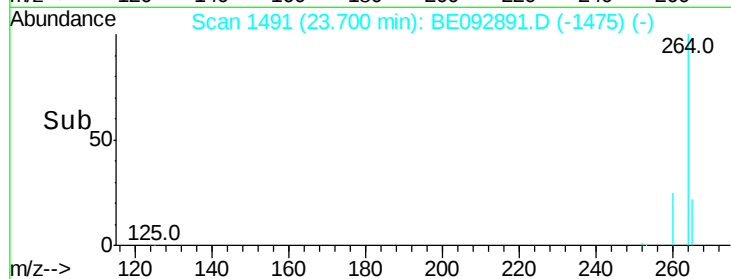
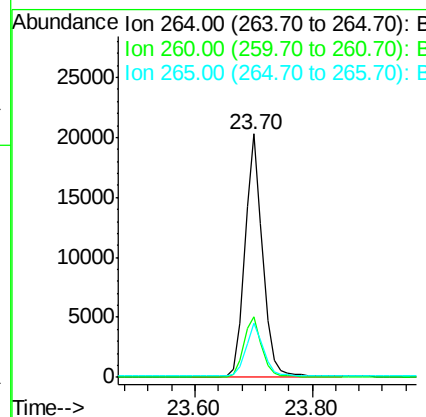
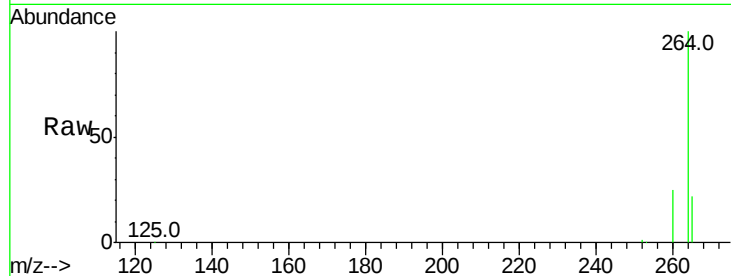




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.70 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE092891.D
 Acq: 7 Apr 2017 11:51

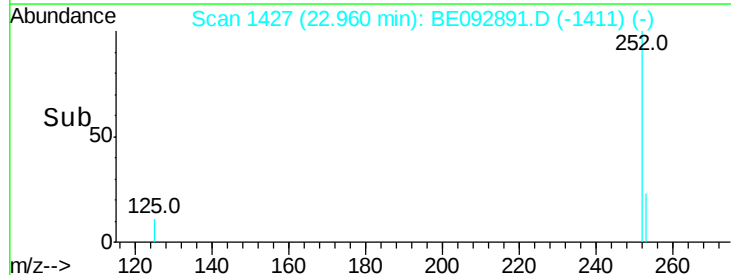
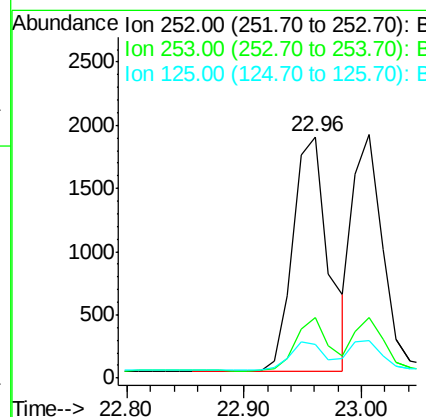
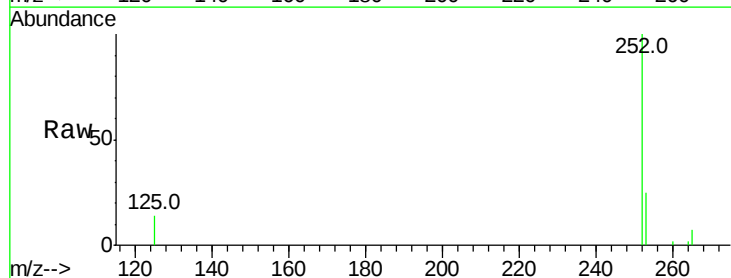
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

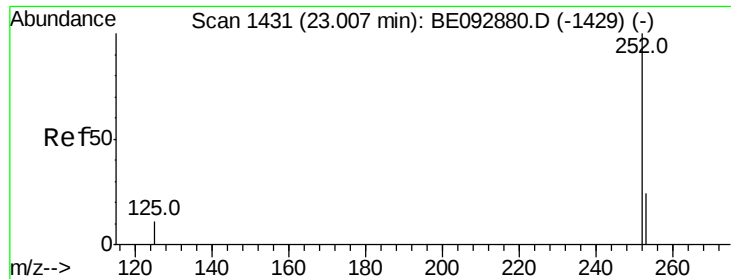
Tot Ion:264 Resp: 41893
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 22.4 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 0.38 ng
 RT: 22.96 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BE092891.D
 Acq: 7 Apr 2017 11:51

Tgt Ion:252 Resp: 3913
 Ion Ratio Lower Upper
 252 100
 253 25.1 18.7 28.1
 125 14.2 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.42 ng

RT: 22.96 min Scan# 1427

Delta R.T. -0.06 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

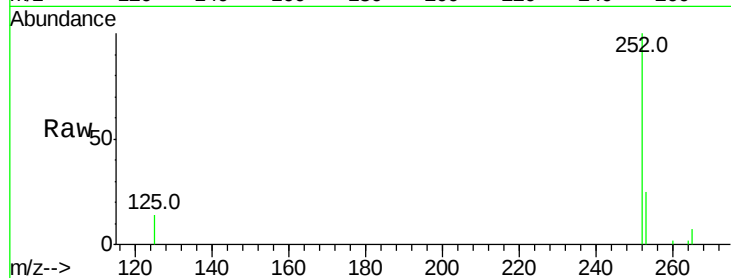
Tot Ion:252 Resp: 3913

Ion Ratio Lower Upper

252 100

253 25.1 20.3 30.5

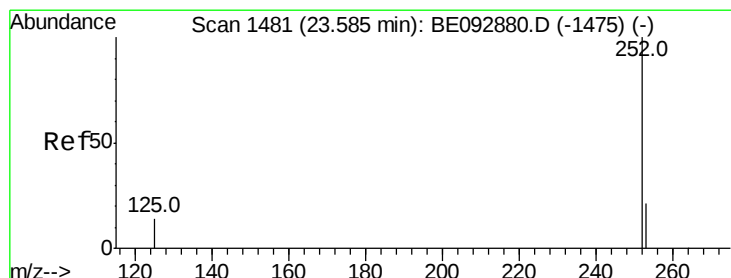
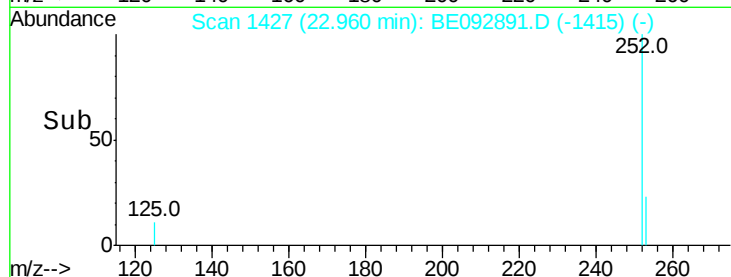
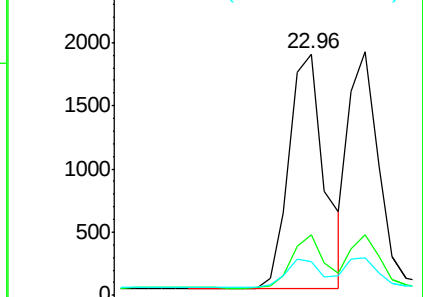
125 14.2 9.6 14.4



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: 0.38 ng

RT: 23.58 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

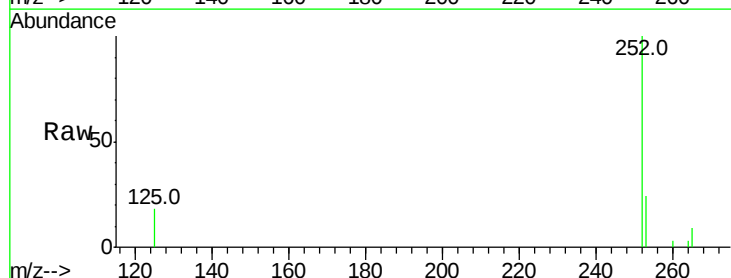
Tgt Ion:252 Resp: 3060

Ion Ratio Lower Upper

252 100

253 24.4 19.0 28.6

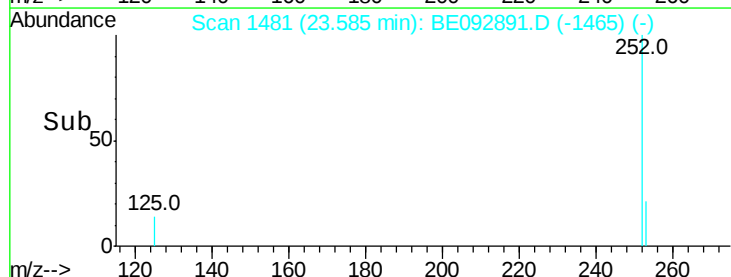
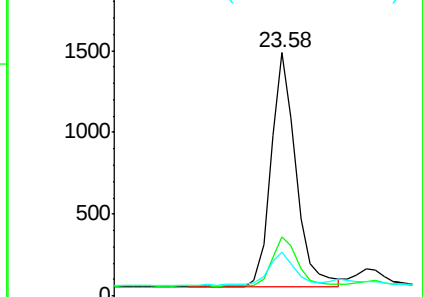
125 17.8 11.8 17.8#

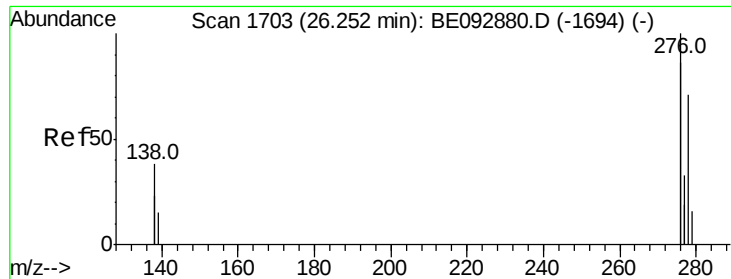


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 26.25 min Scan# 1703

Delta R.T. -0.03 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

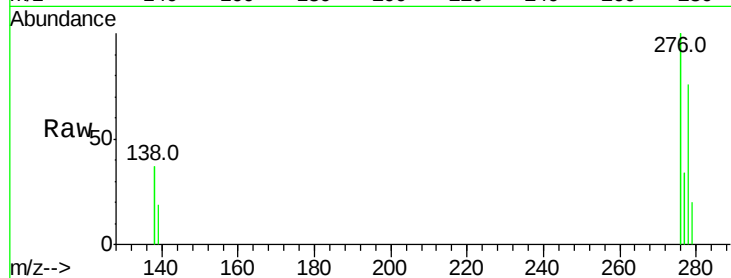
Tot Ion:278 Resp: 3382

Ion Ratio Lower Upper

278 100

139 24.8 13.8 20.8#

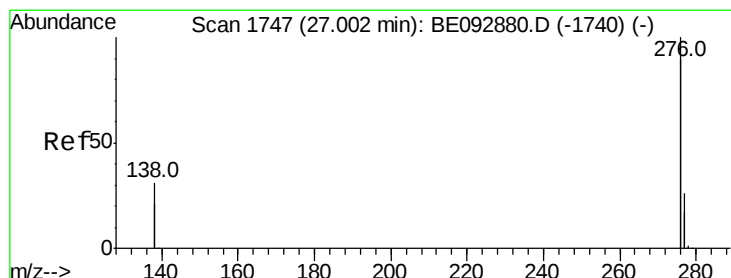
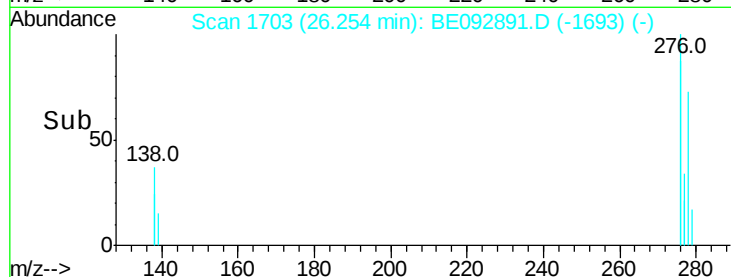
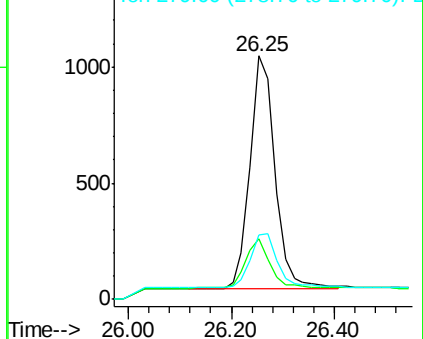
279 26.7 21.4 32.2



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: 0.37 ng

RT: 27.00 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BE092891.D

Acq: 7 Apr 2017 11:51

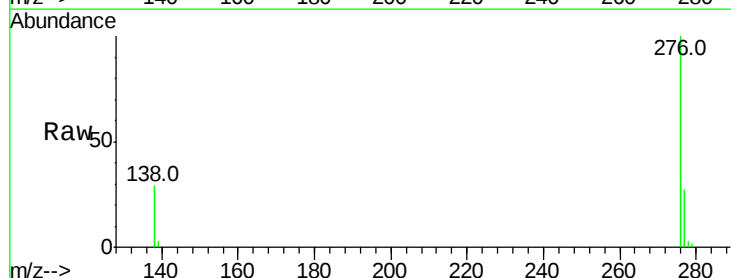
Tgt Ion:276 Resp: 13896

Ion Ratio Lower Upper

276 100

277 26.6 19.8 29.8

138 29.2 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

