

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092261.D
 Acq On : 10 Aug 2016 18:58
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc : confirmation run
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 11 01:05:31 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13627	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	65392	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	36359	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	89243	5.00	ng	0.00
24) Chrysene-d12	21.73	240	79876	5.00	ng	-0.02
31) Perylene-d12	24.13	264	86661	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	1230	0.41	ng	0.00
5) Phenol-d6	7.34	99	1659	0.39	ng	-0.02
8) Nitrobenzene-d5	9.34	82	1735	0.38	ng	-0.02
13) 2,4,6-Tribromophenol	16.33	330	397	0.51	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	4523	0.40	ng	-0.01
26) Terphenyl-d14	20.19	244	5583	0.41	ng	0.00

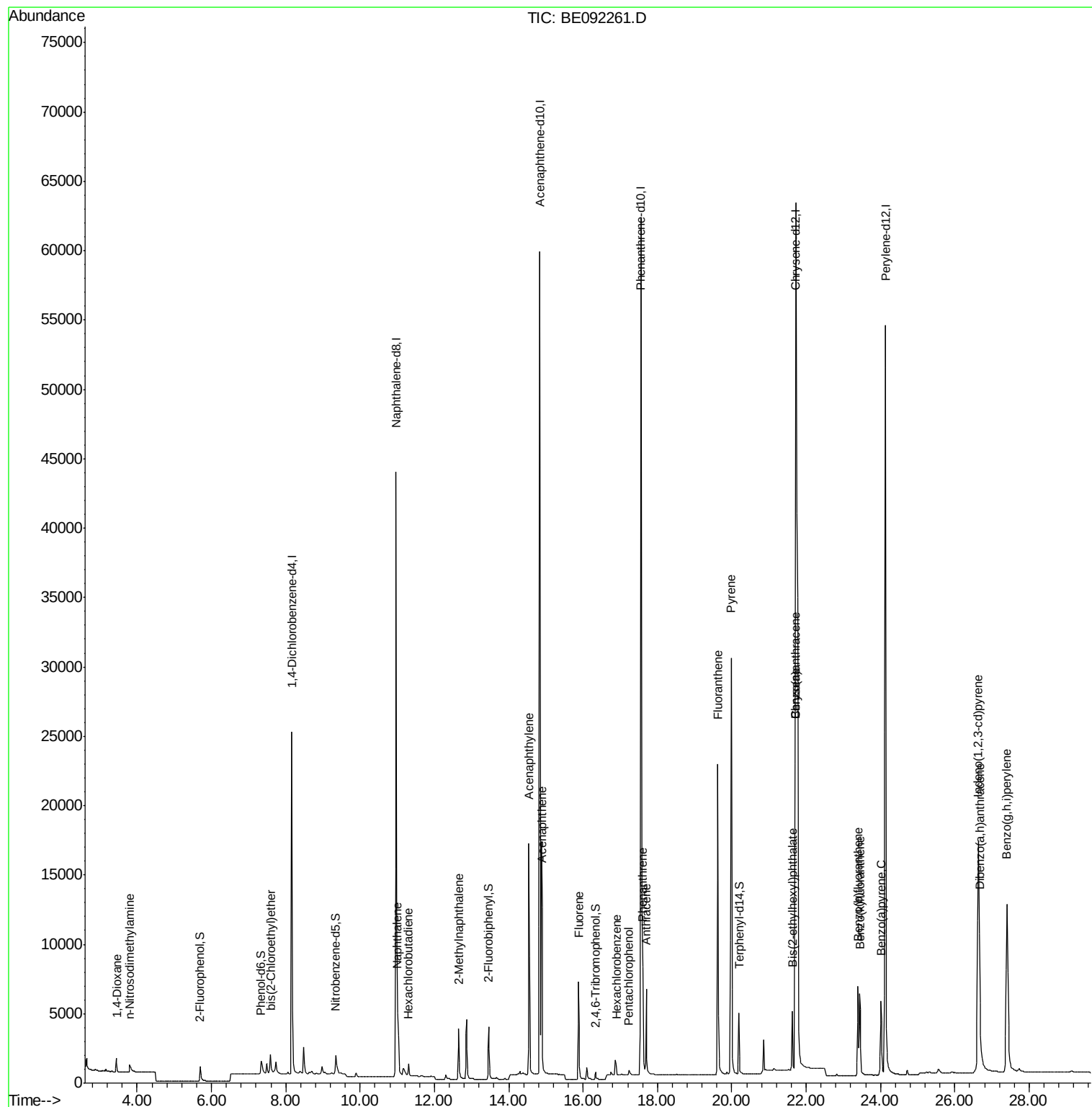
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	690	0.38	ng	98
3) n-Nitrosodimethylamine	3.80	42	849	0.48	ng	# 97
6) bis(2-Chloroethyl)ether	7.59	93	1488	0.43	ng	93
9) Naphthalene	11.01	128	5838	0.40	ng	94
10) Hexachlorobutadiene	11.30	225	832	0.39	ng	99
11) 2-Methylnaphthalene	12.65	142	3669	0.40	ng	99
15) Acenaphthylene	14.54	152	25229	0.40	ng	99
16) Acenaphthene	14.90	154	4014	0.40	ng	99
17) Fluorene	15.88	166	4887	0.40	ng	99
19) Hexachlorobenzene	16.89	284	1348	0.38	ng	# 100
20) Pentachlorophenol	17.24	266	326	0.45	ng	90
21) Phenanthrene	17.60	178	8614	0.37	ng	100
22) Anthracene	17.70	178	7983	0.38	ng	99
23) Fluoranthene	19.63	202	35566	0.39	ng	99
25) Pyrene	19.99	202	38950	0.41	ng	100
27) Benzo(a)anthracene	21.70	228	39948	0.42	ng	# 63
28) Chrysene	21.70	228	39926	0.45	ng	# 69
29) Bis(2-ethylhexyl)phthalate	21.64	149	4718	0.52	ng	# 96
30) Indeno(1,2,3-cd)pyrene	26.63	276	39429	0.41	ng	99
32) Benzo(b)fluoranthene	23.39	252	9109	0.40	ng	99
33) Benzo(k)fluoranthene	23.44	252	9310	0.41	ng	99
34) Benzo(a)pyrene	24.02	252	8718	0.41	ng	98
35) Dibenzo(a,h)anthracene	26.67	278	8007	0.40	ng	96
36) Benzo(g,h,i)perylene	27.40	276	33828	0.39	ng	96

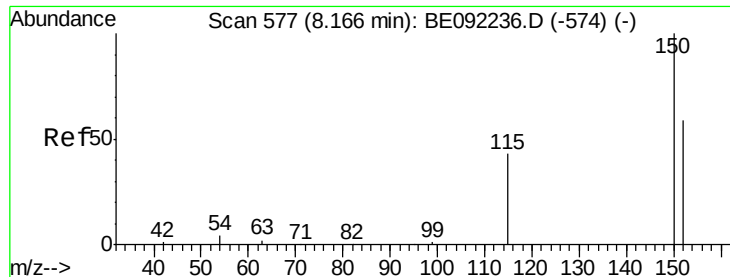
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

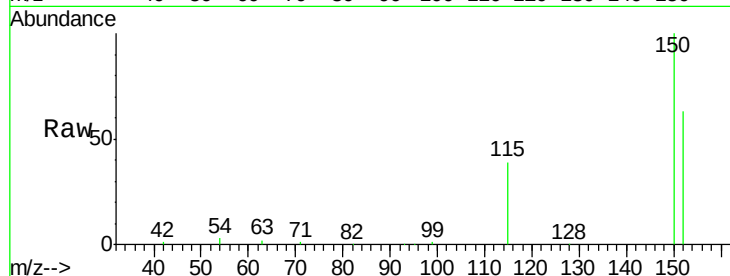
Tgt Ion:152 Resp: 13627

Ion Ratio Lower Upper

152 100

150 159.8 135.6 203.4

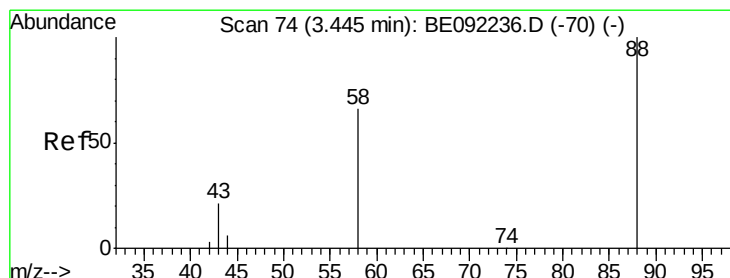
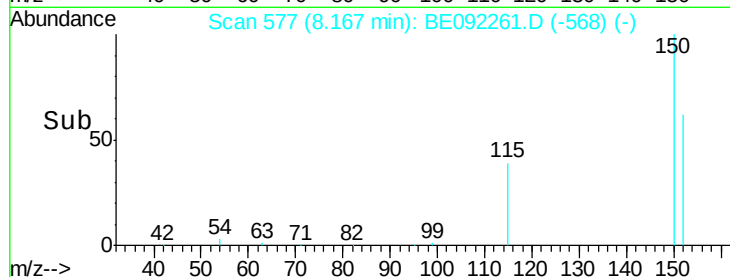
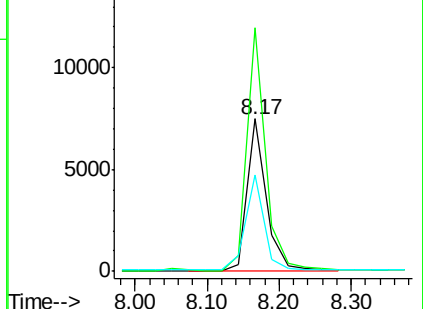
115 63.0 59.4 89.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.38 ng

RT: 3.44 min Scan# 74

Delta R.T. 0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

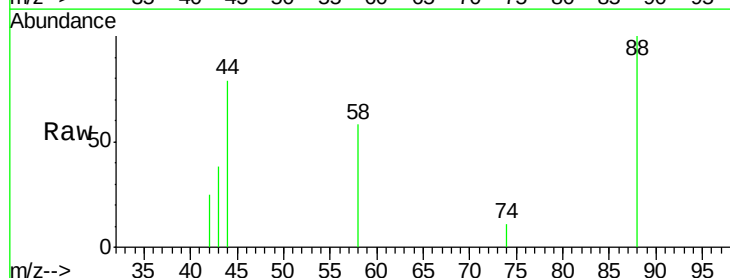
Tgt Ion: 88 Resp: 690

Ion Ratio Lower Upper

88 100

58 81.3 64.4 96.6

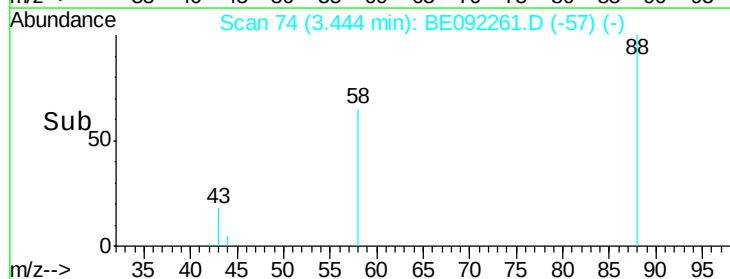
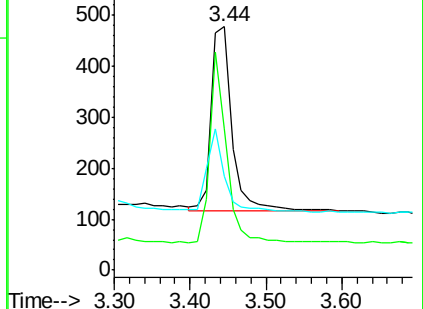
43 39.6 33.4 50.2

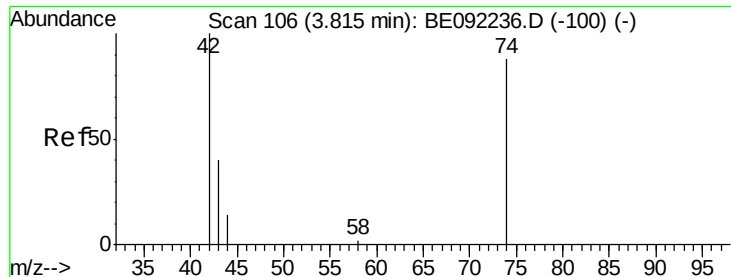


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.48 ng

RT: 3.80 min Scan# 105

Delta R.T. -0.01 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

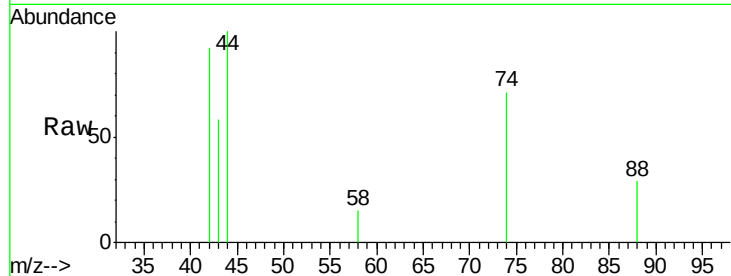
Tgt Ion: 42 Resp: 849

Ion Ratio Lower Upper

42 100

74 99.1 77.2 115.8

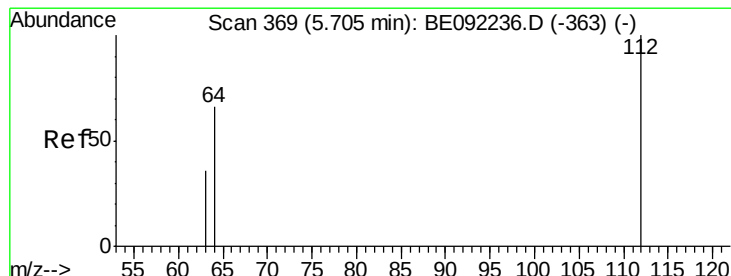
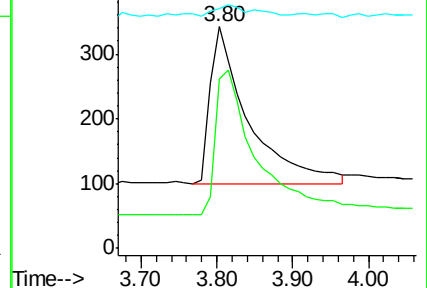
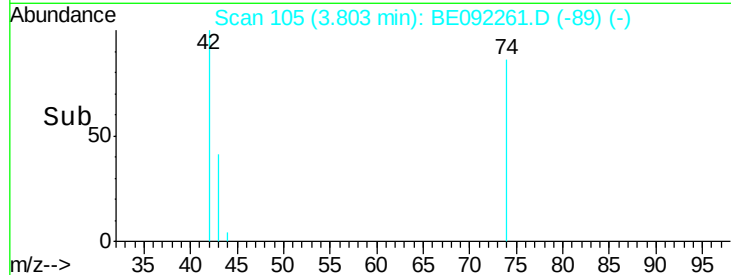
44 8.4 5.0 7.4#



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



#4

2-Fluorophenol

Concen: 0.41 ng

RT: 5.70 min Scan# 368

Delta R.T. -0.01 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

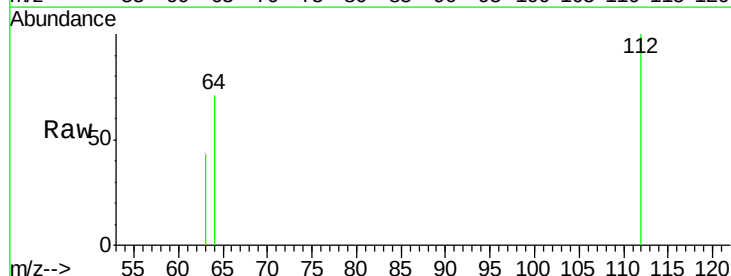
Tgt Ion: 112 Resp: 1230

Ion Ratio Lower Upper

112 100

64 67.8 53.2 79.8

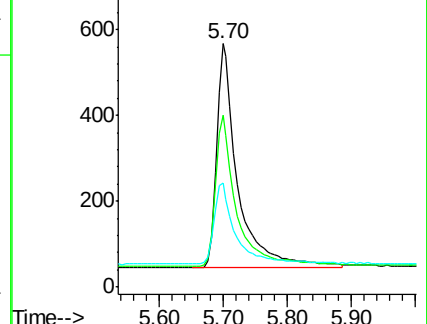
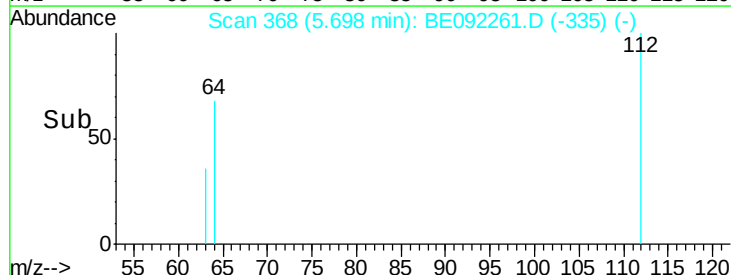
63 35.8 27.4 41.2

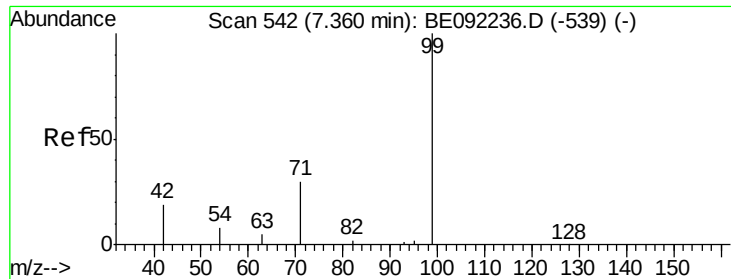


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.39 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

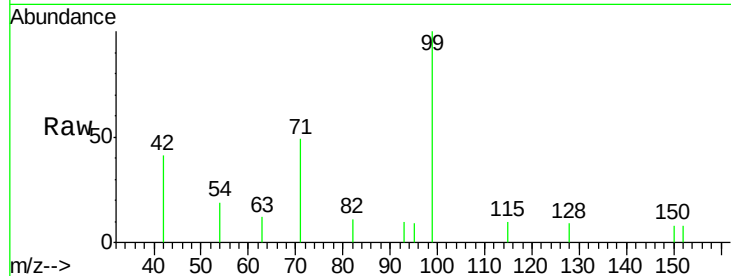
Tgt Ion: 99 Resp: 1659

Ion Ratio Lower Upper

99 100

42 27.2 0.0 0.0#

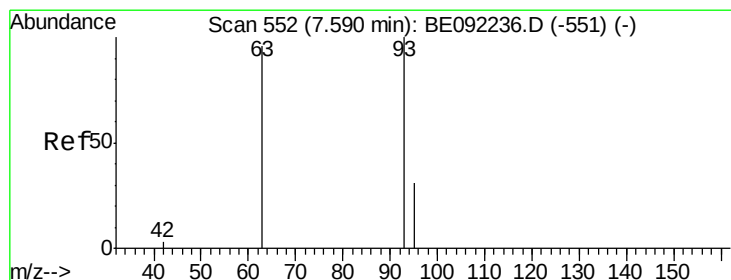
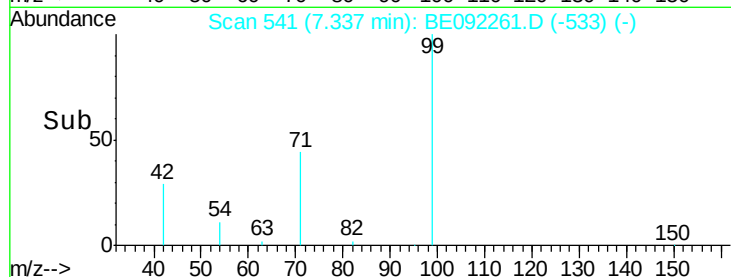
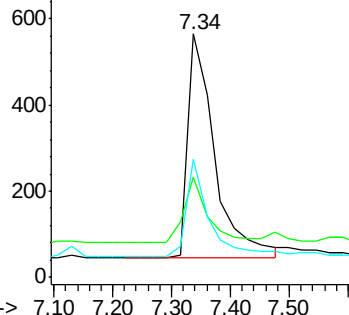
71 35.7 29.8 44.8



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: 0.43 ng

RT: 7.59 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

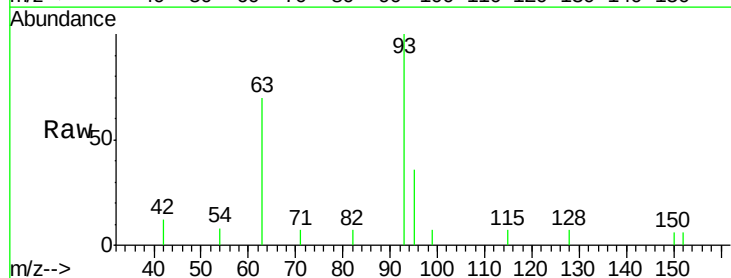
Tgt Ion: 93 Resp: 1488

Ion Ratio Lower Upper

93 100

63 78.1 68.5 102.7

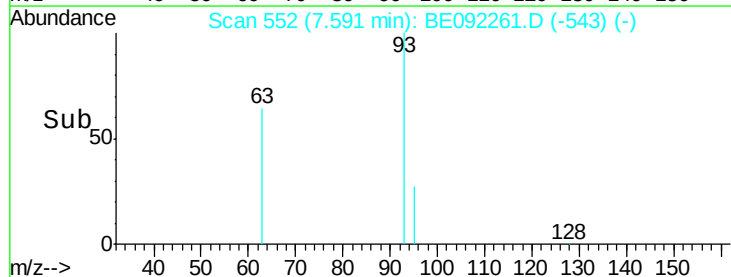
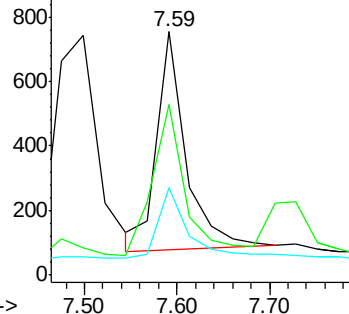
95 32.6 27.2 40.8

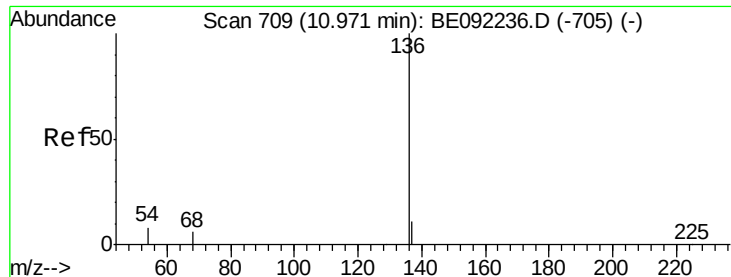


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 65392

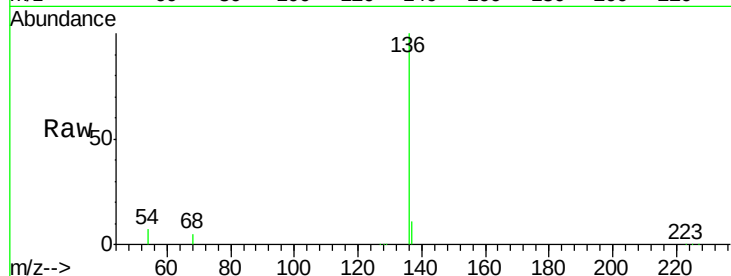
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.7 6.2 9.4

68 4.9 4.6 6.8

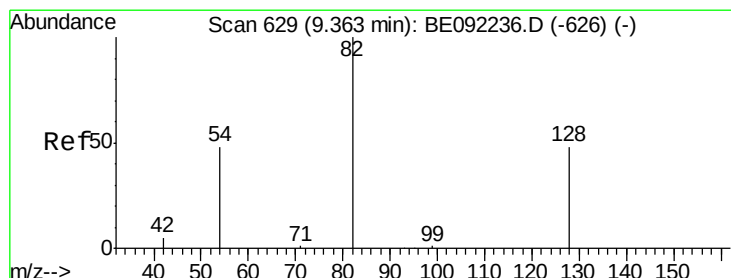
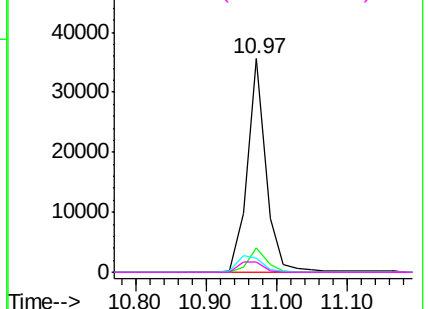
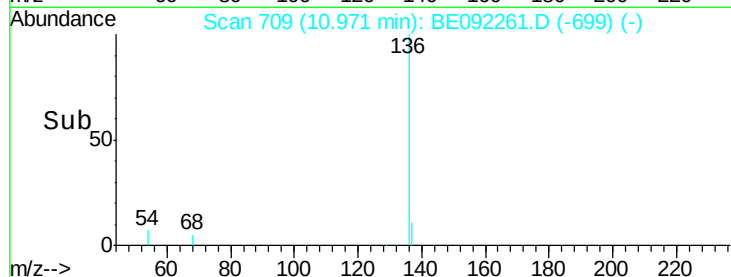


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.38 ng

RT: 9.34 min Scan# 628

Delta R.T. -0.02 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

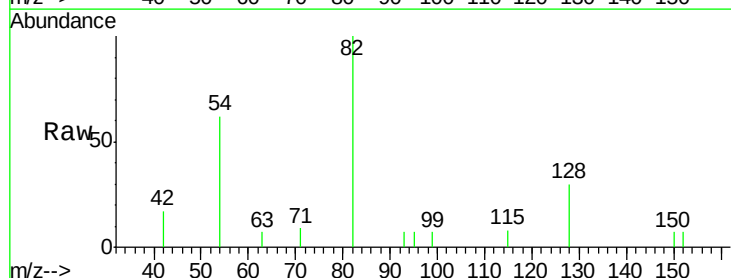
Tgt Ion: 82 Resp: 1735

Ion Ratio Lower Upper

82 100

128 30.4 45.0 67.4#

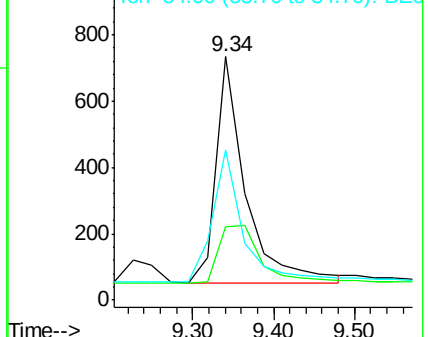
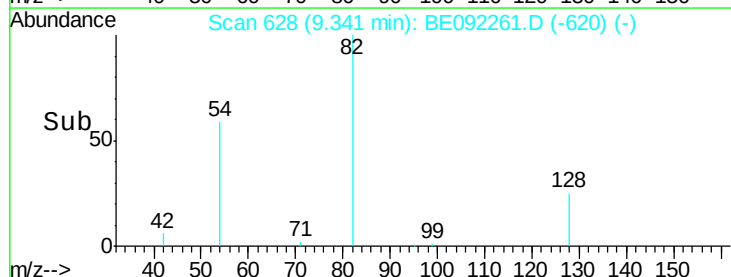
54 61.9 45.4 68.2

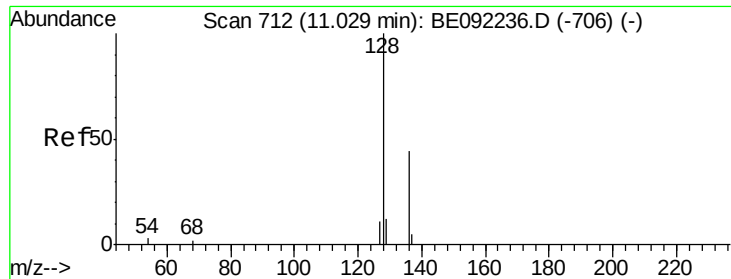


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.02 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

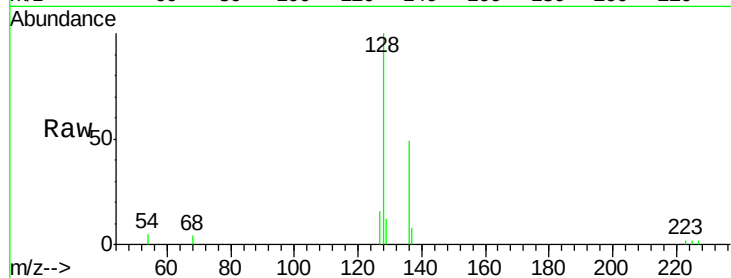
Tgt Ion:128 Resp: 5838

Ion Ratio Lower Upper

128 100

129 11.7 11.5 17.3

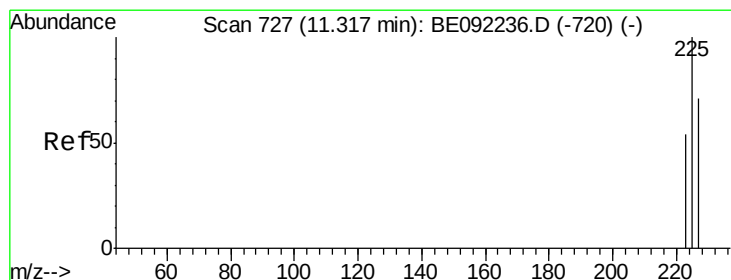
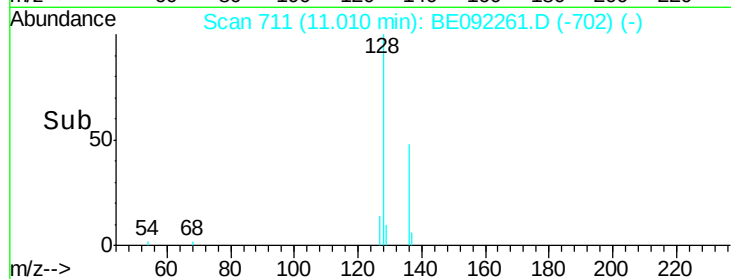
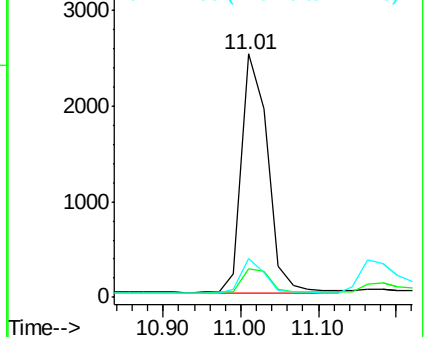
127 15.9 11.0 16.6



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: 11.30 min Scan# 726

Delta R.T. -0.02 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

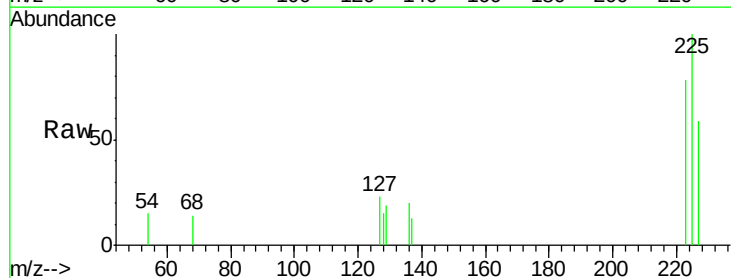
Tgt Ion:225 Resp: 832

Ion Ratio Lower Upper

225 100

223 64.5 52.2 78.4

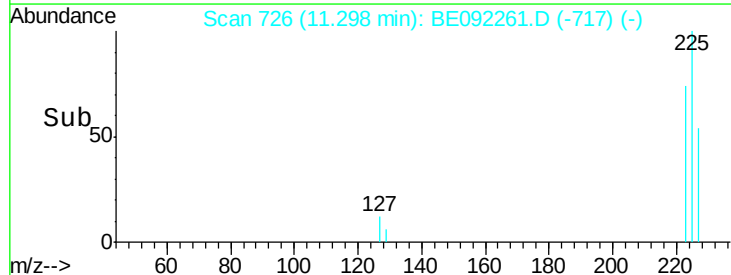
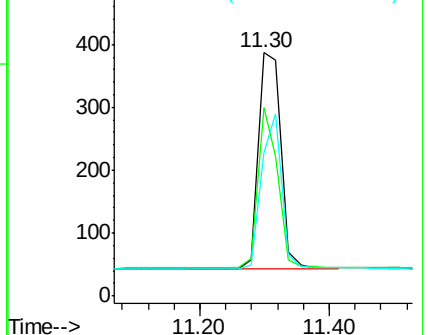
227 64.3 51.0 76.6

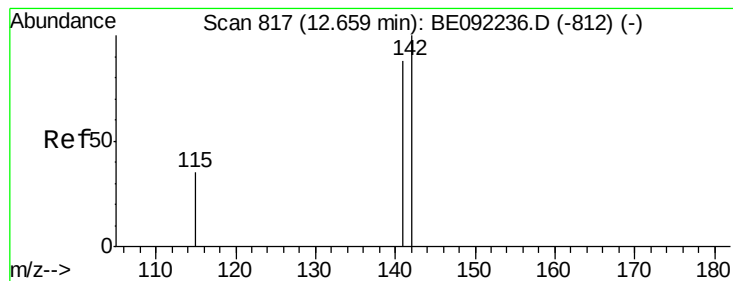


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.40 ng

RT: 12.65 min Scan# 816

Delta R.T. -0.01 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

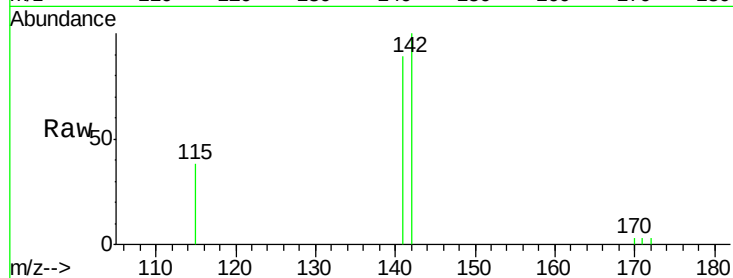
Tgt Ion:142 Resp: 3669

Ion Ratio Lower Upper

142 100

141 89.0 70.6 105.8

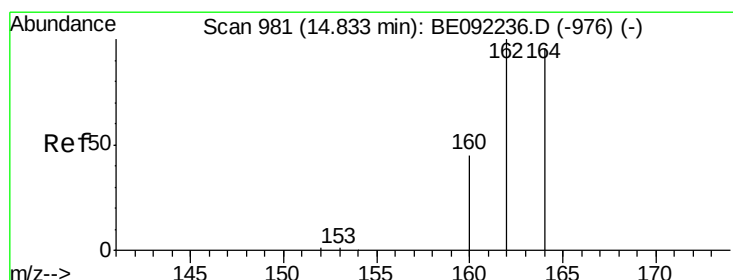
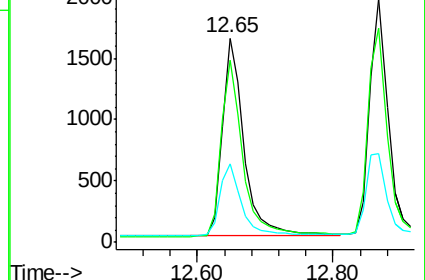
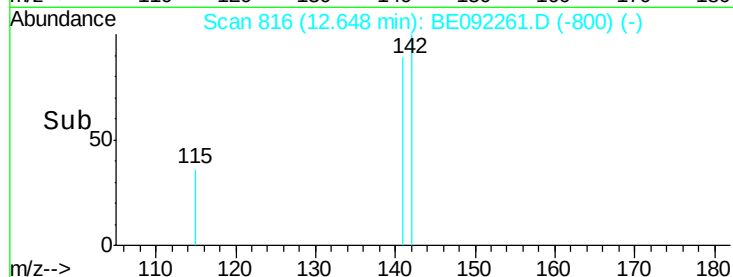
115 38.4 31.0 46.4



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: 14.83 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

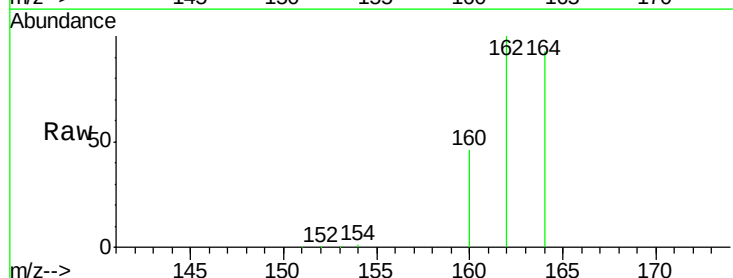
Tgt Ion:164 Resp: 36359

Ion Ratio Lower Upper

164 100

162 107.3 83.3 124.9

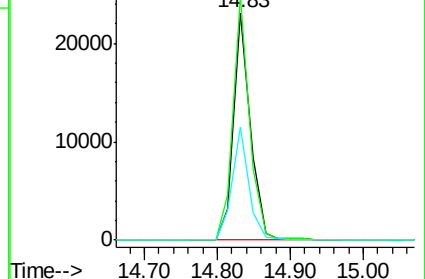
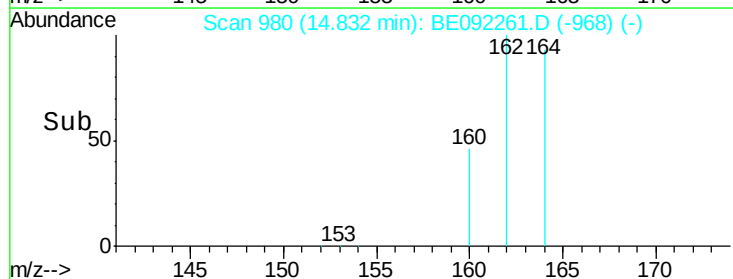
160 49.9 38.0 57.0

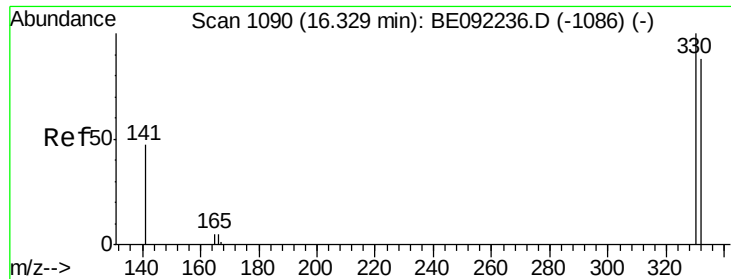


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

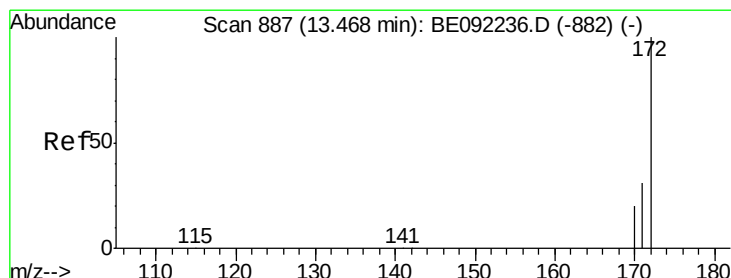
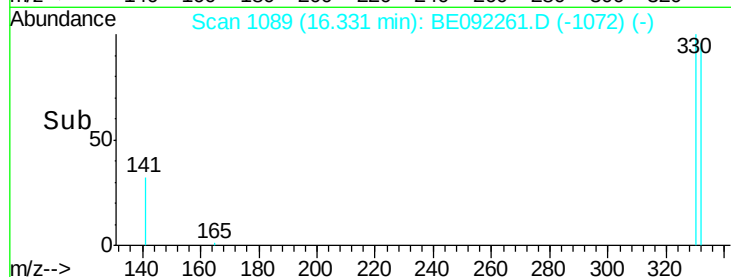
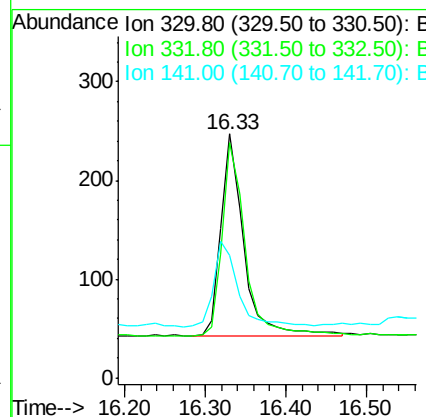
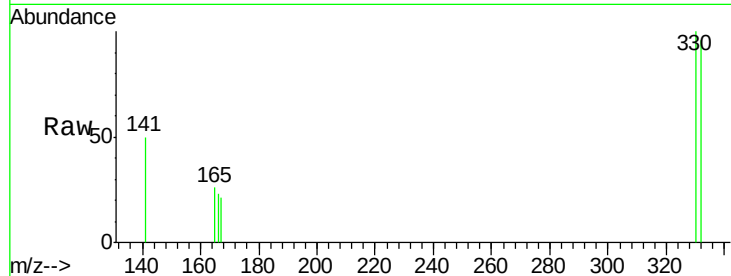




#13
 2,4,6-Tribromophenol
 Concen: 0.51 ng
 RT: 16.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092261.D
 Acq: 10 Aug 2016 18:58

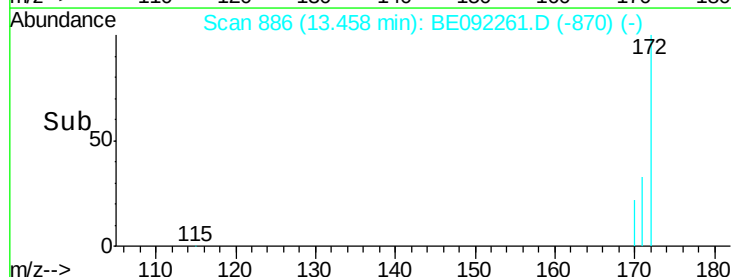
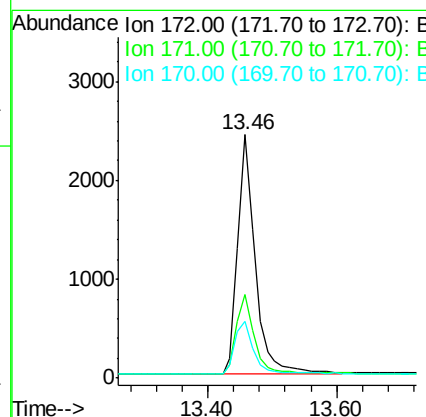
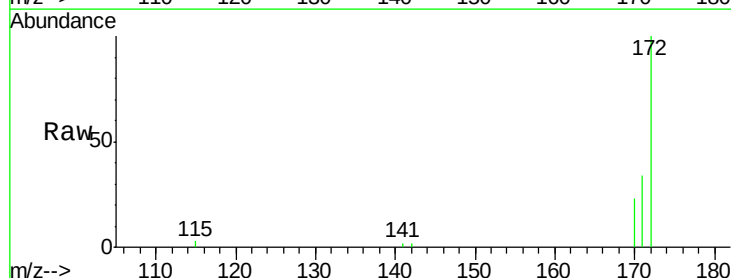
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

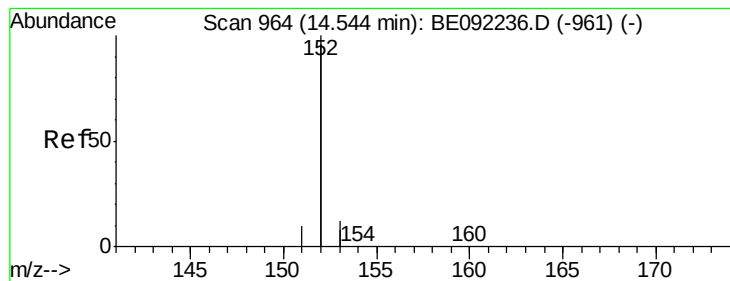
Tgt Ion: 330 Resp: 397
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 45.3 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092261.D
 Acq: 10 Aug 2016 18:58

Tgt Ion: 172 Resp: 4523
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.8 40.2
 170 23.2 17.8 26.6





#15

Acenaphthylene

Concen: 0.40 ng

RT: 14.54 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

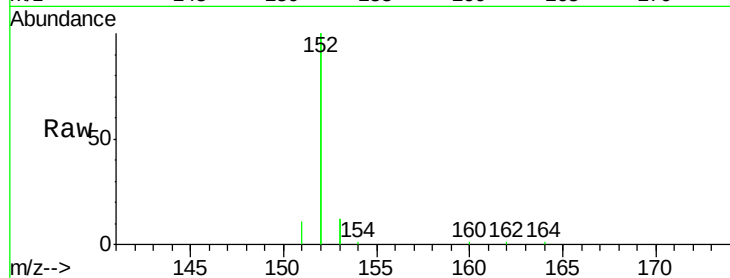
Tgt Ion:152 Resp: 25229

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

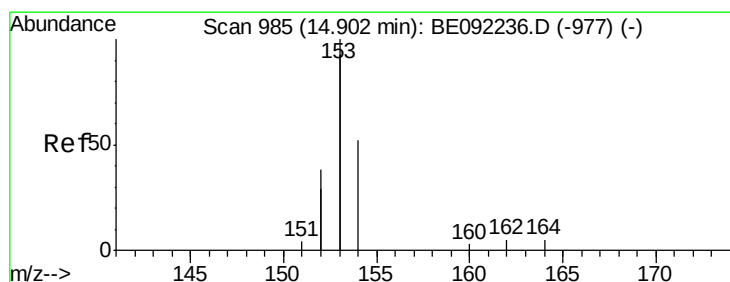
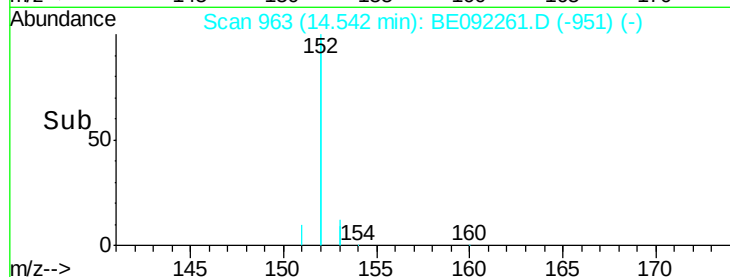
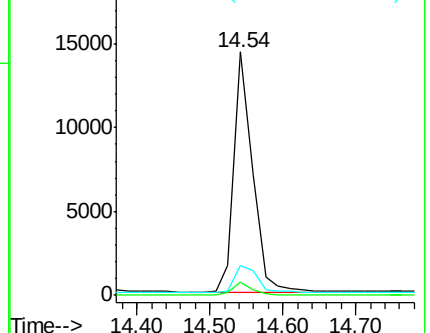
153 12.9 10.2 15.2



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: 0.40 ng

RT: 14.90 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

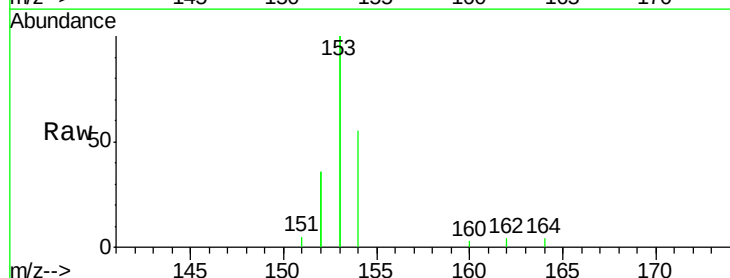
Tgt Ion:154 Resp: 4014

Ion Ratio Lower Upper

154 100

153 447.8 355.0 532.4

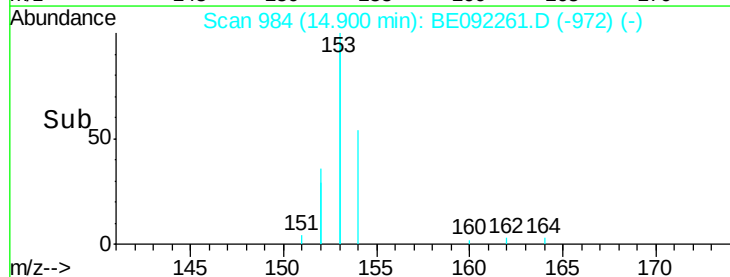
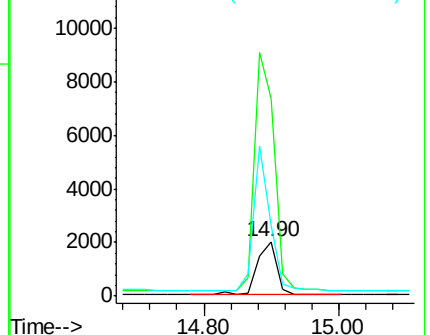
152 224.9 179.7 269.5

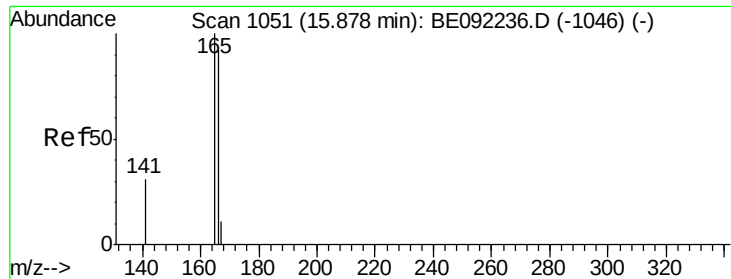


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.40 ng

RT: 15.88 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

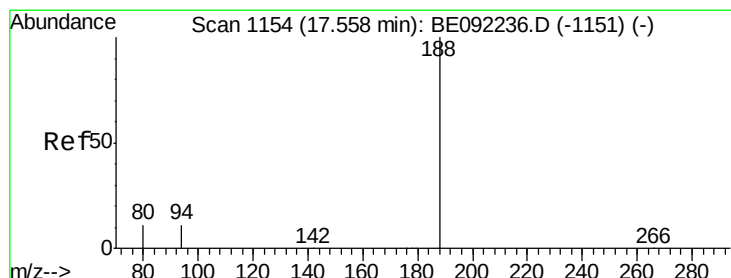
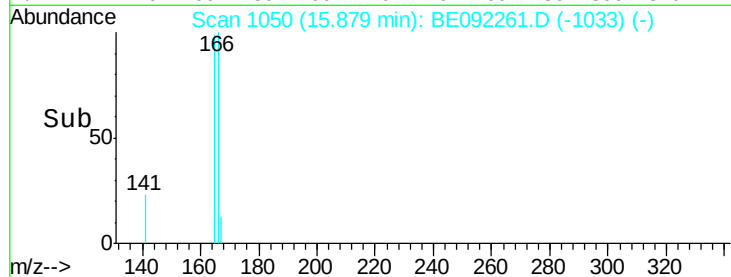
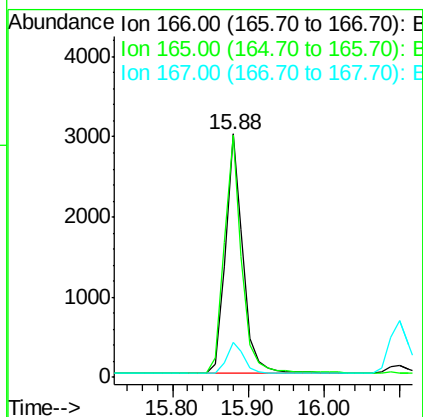
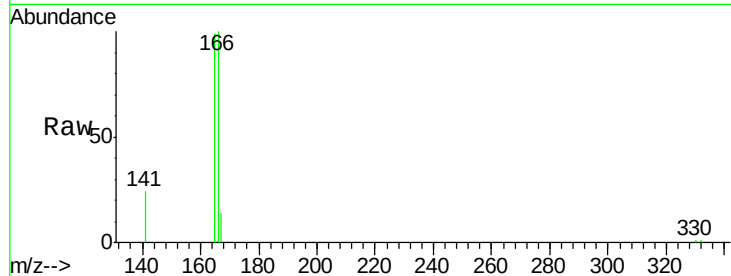
Tgt Ion:166 Resp: 4887

Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.1	120.1
167	13.8	10.6	16.0

166 100

165 99.2 80.1 120.1

167 13.8 10.6 16.0



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

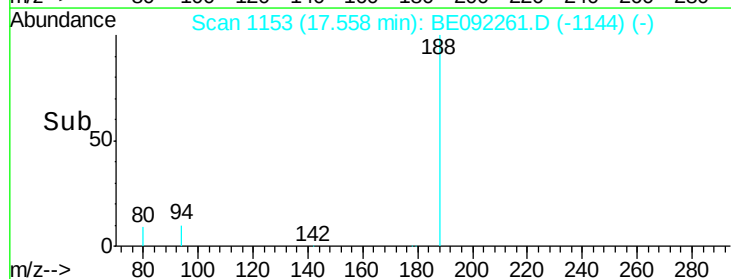
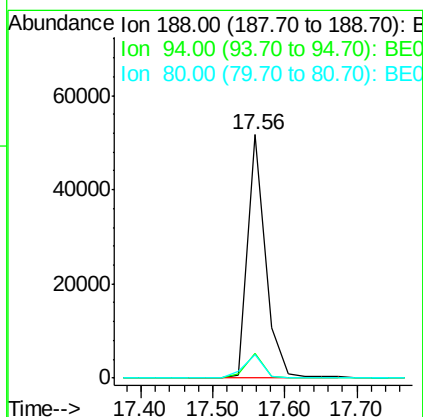
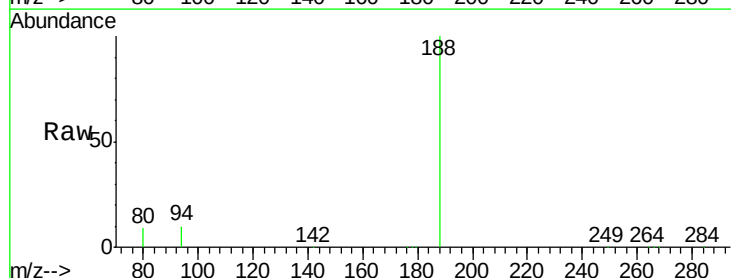
Tgt Ion:188 Resp: 89243

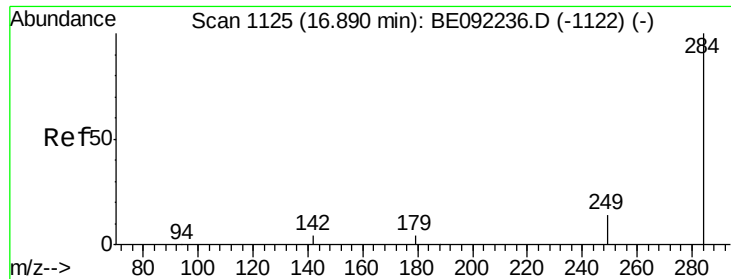
Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.2	13.8
80	9.4	9.1	13.7

188 100

94 10.0 9.2 13.8

80 9.4 9.1 13.7

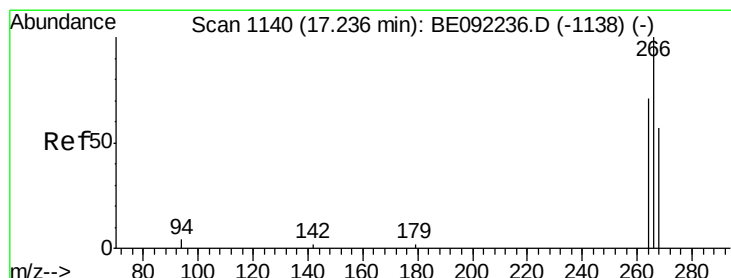
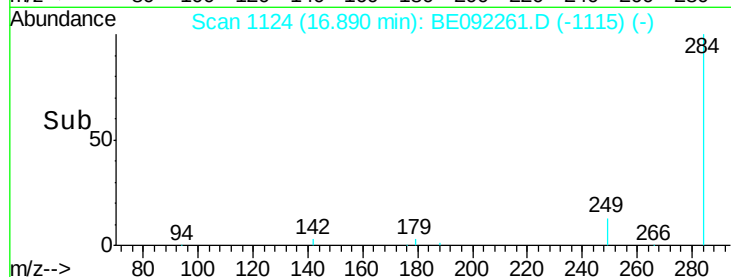
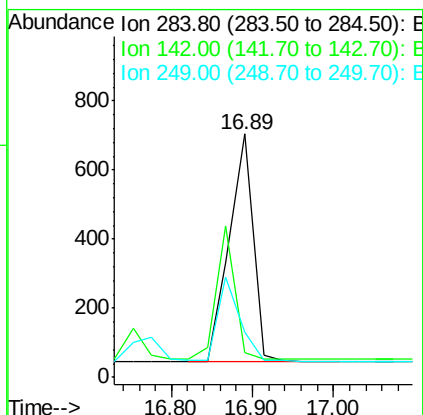
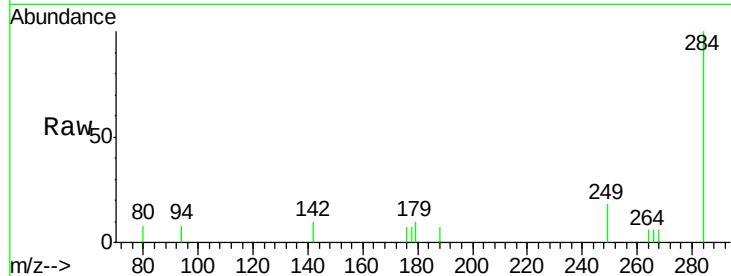




#19
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092261.D
Acq: 10 Aug 2016 18:58

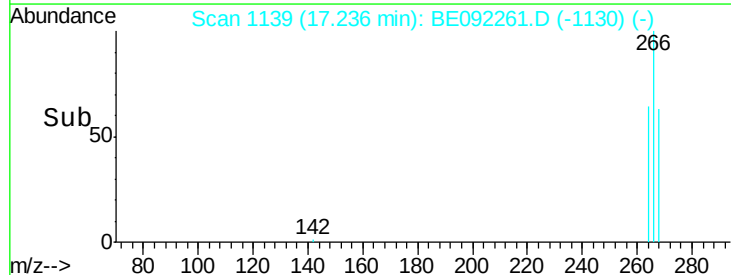
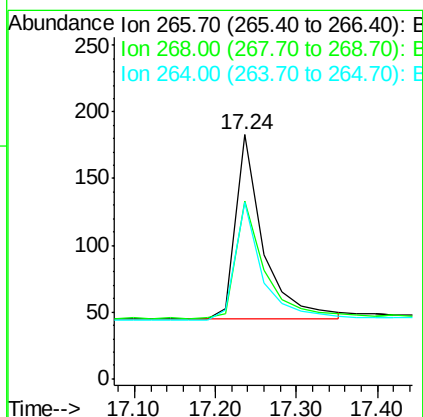
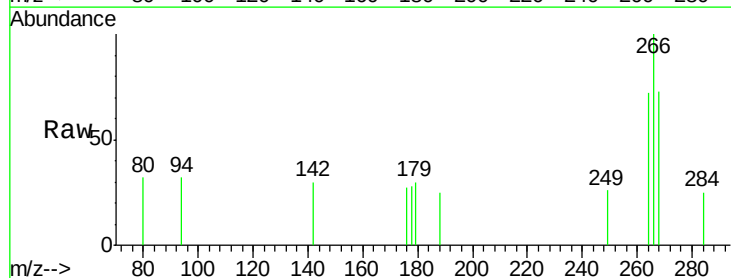
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

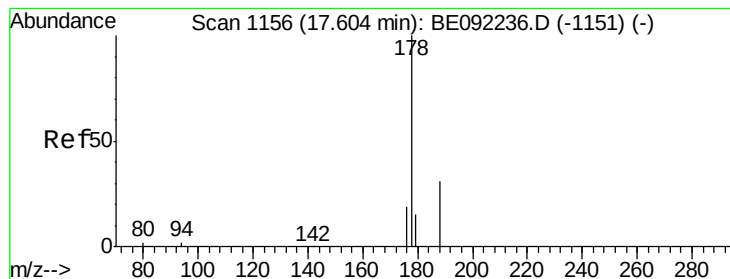
Tgt Ion: 284 Resp: 1348
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#20
Pentachlorophenol
Concen: 0.45 ng
RT: 17.24 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092261.D
Acq: 10 Aug 2016 18:58

Tgt Ion: 266 Resp: 326
Ion Ratio Lower Upper
266 100
268 72.7 62.3 93.5
264 72.1 67.4 101.0





#21

Phenanthrene

Concen: 0.37 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

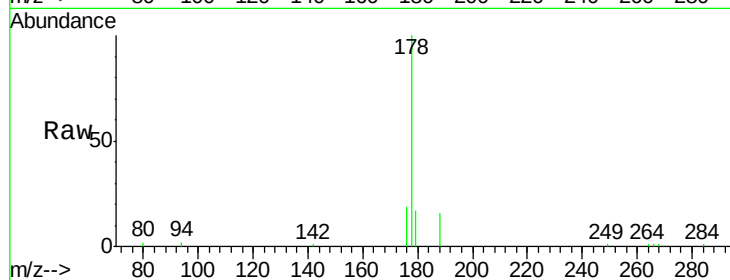
Tgt Ion:178 Resp: 8614

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

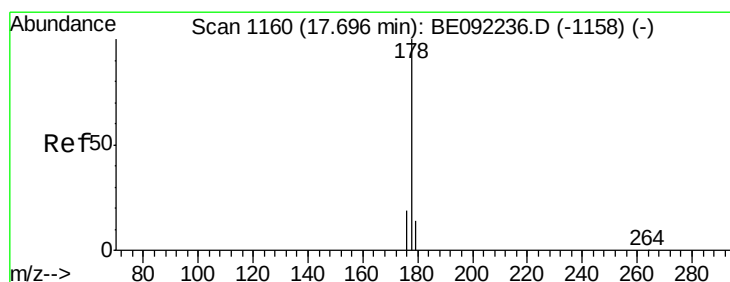
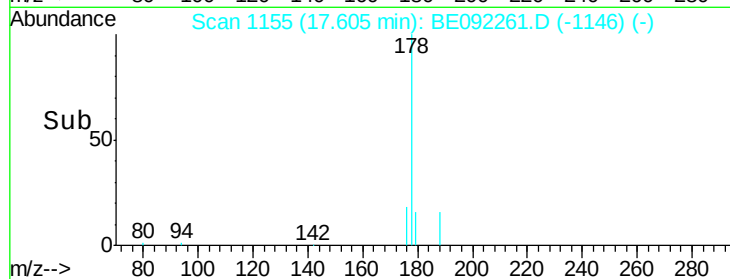
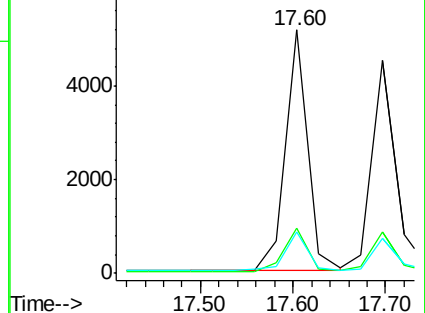
179 16.4 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 0.38 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

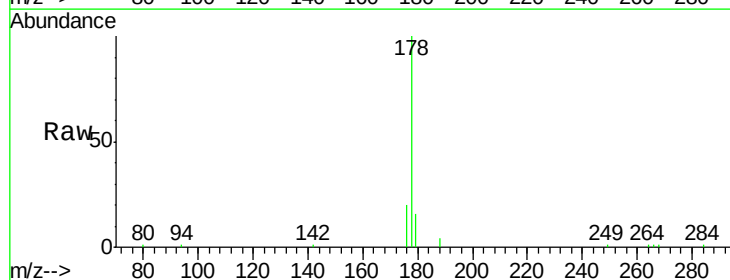
Tgt Ion:178 Resp: 7983

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

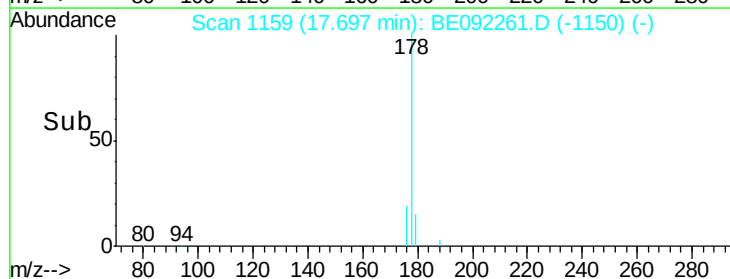
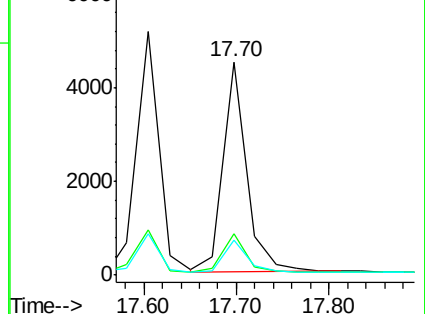
179 15.4 12.0 18.0

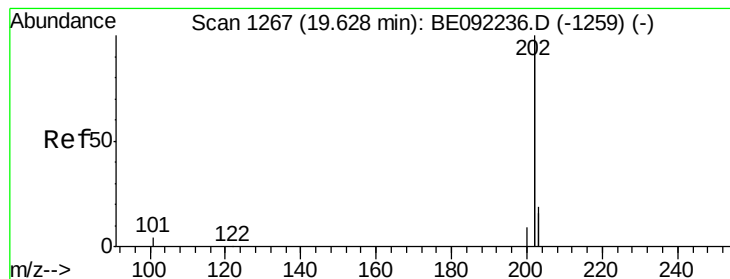


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.39 ng

RT: 19.63 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

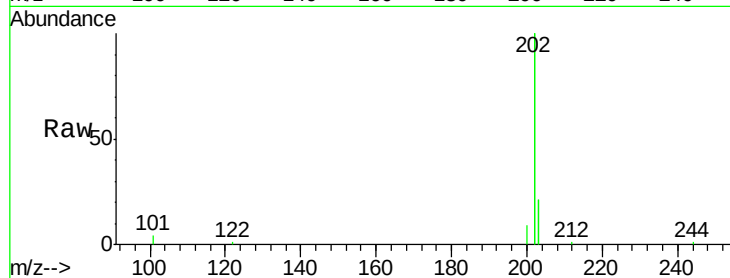
Tgt Ion:202 Resp: 35566

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

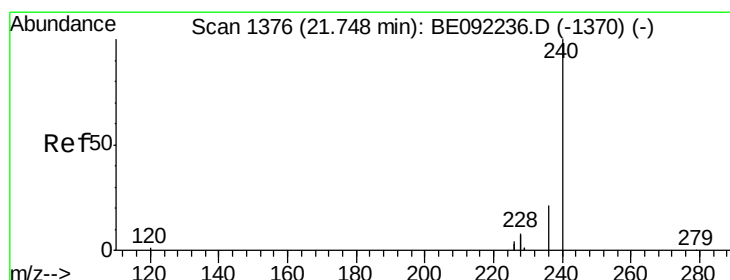
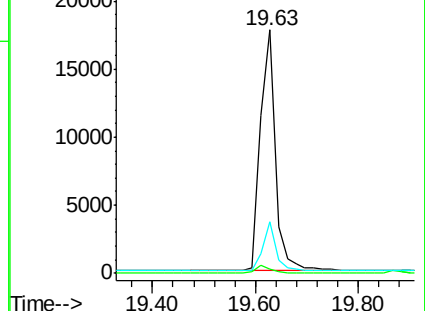
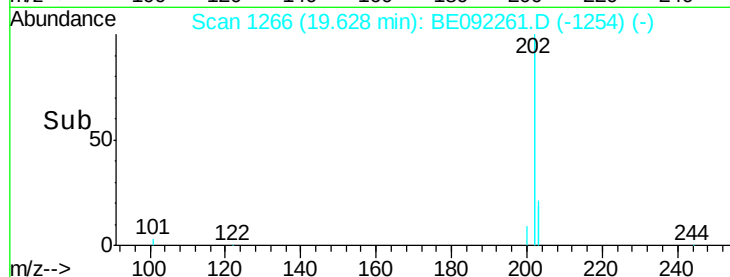
203 17.4 13.7 20.5



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: 21.73 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

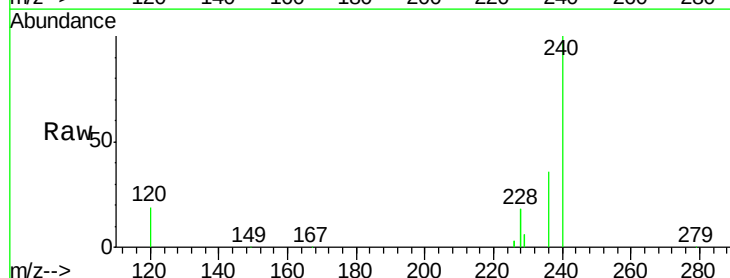
Tgt Ion:240 Resp: 79876

Ion Ratio Lower Upper

240 100

120 18.5 1.2 1.8#

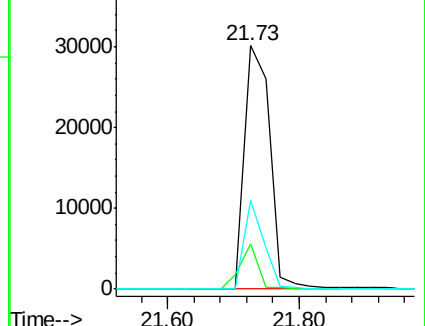
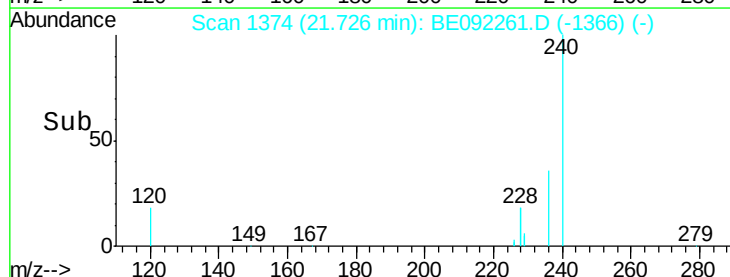
236 36.3 17.1 25.7#

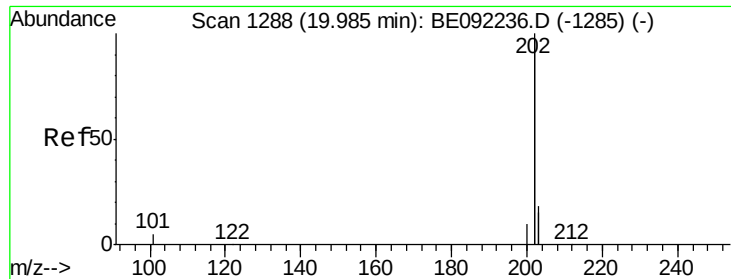


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

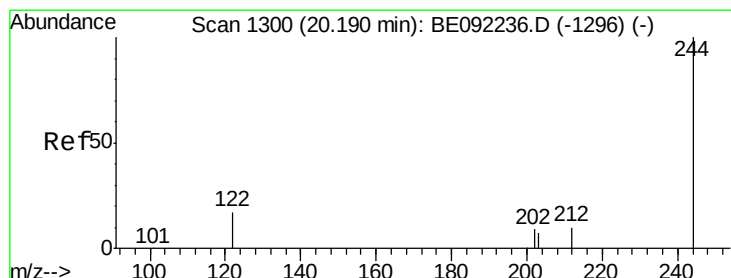
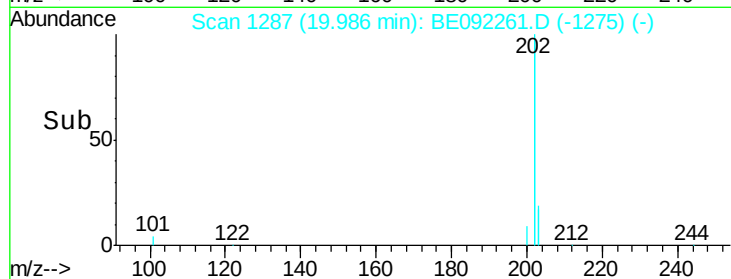
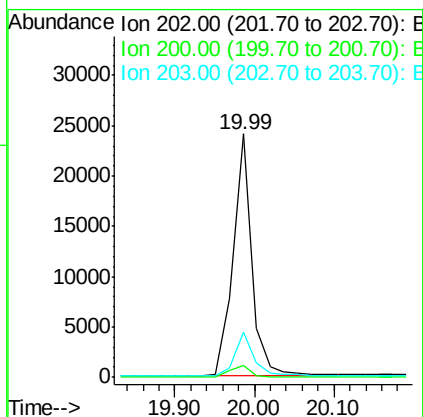
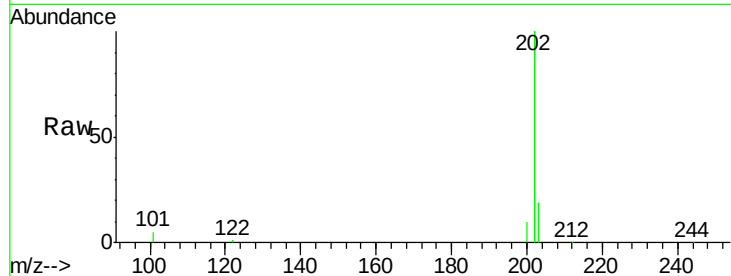




#25
 Pyrene
 Concen: 0.41 ng
 RT: 19.99 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BE092261.D
 Acq: 10 Aug 2016 18:58

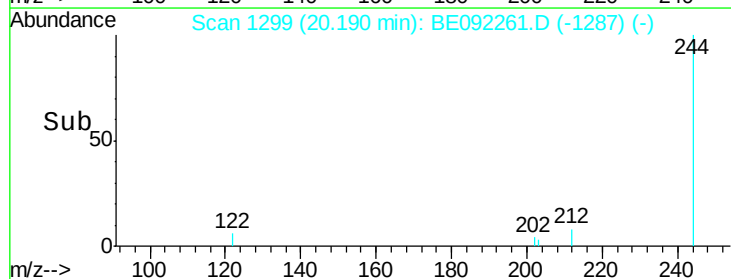
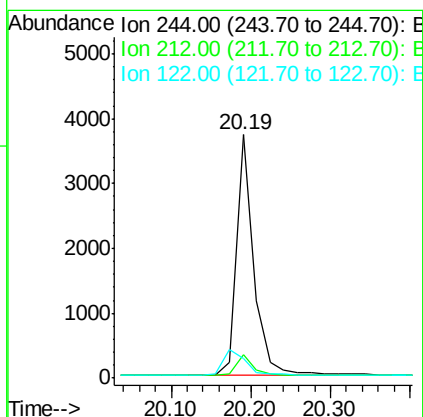
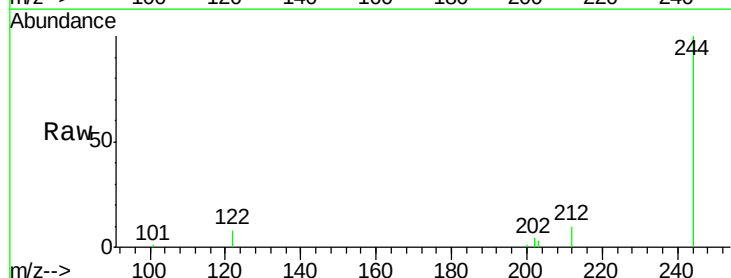
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

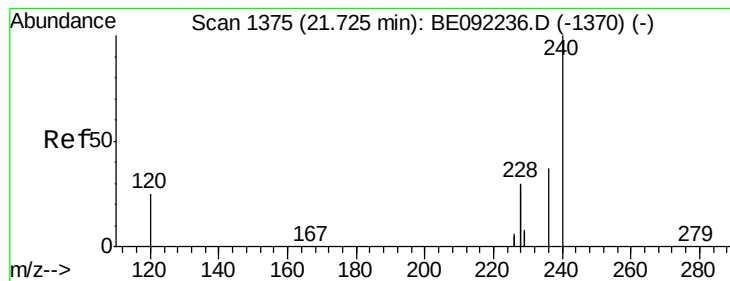
Tgt Ion: 202 Resp: 38950
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 17.6 14.0 21.0



#26
 Terphenyl-d14
 Concen: 0.41 ng
 RT: 20.19 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BE092261.D
 Acq: 10 Aug 2016 18:58

Tgt Ion: 244 Resp: 5583
 Ion Ratio Lower Upper
 244 100
 212 9.7 10.2 15.2#
 122 8.1 15.9 23.9#





#27

Benzo(a)anthracene

Concen: 0.42 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

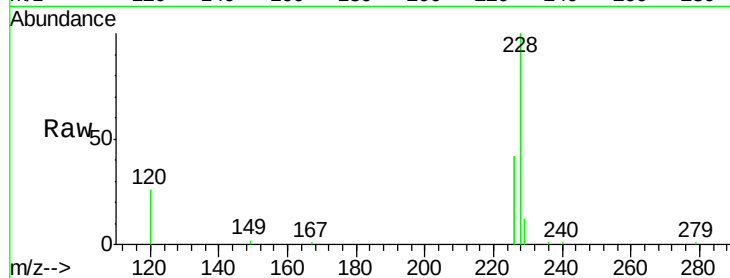
Tgt Ion:228 Resp: 39948

Ion Ratio Lower Upper

228 100

226 42.0 15.9 23.9#

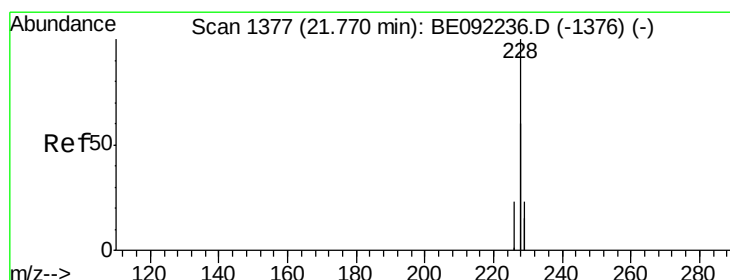
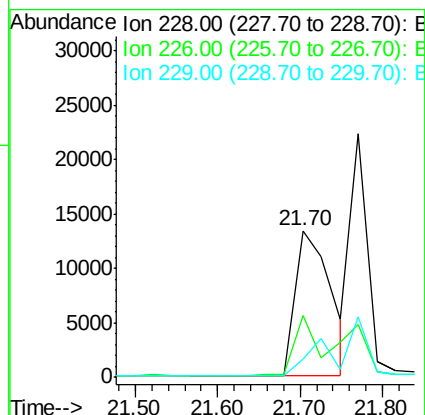
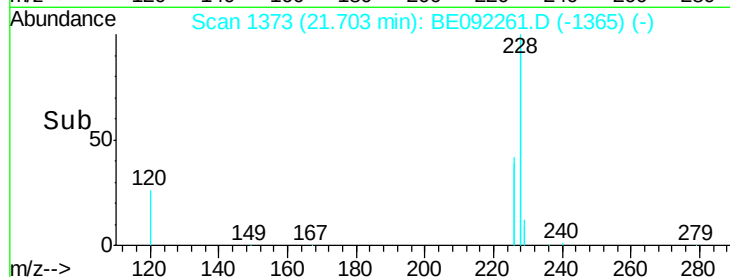
229 12.3 22.4 33.6#



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: 0.45 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

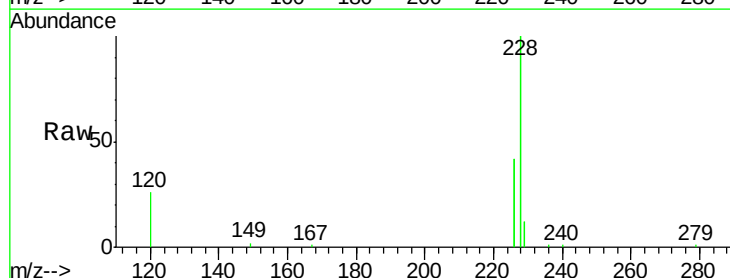
Tgt Ion:228 Resp: 39926

Ion Ratio Lower Upper

228 100

226 42.0 18.3 27.5#

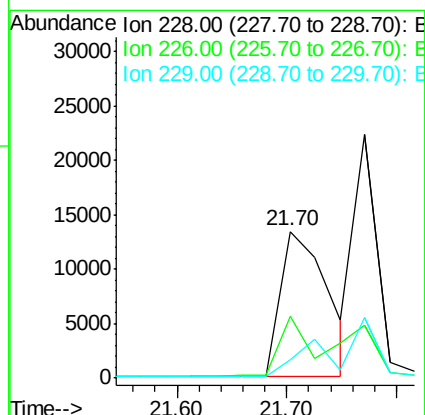
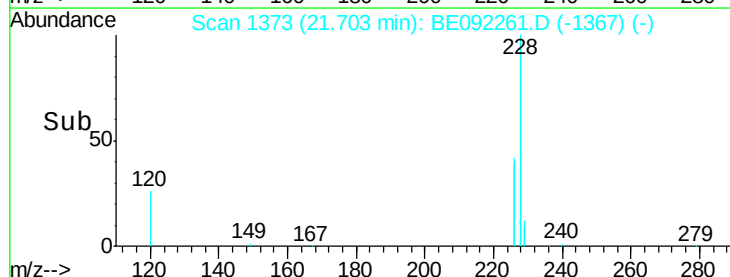
229 12.3 18.6 27.8#

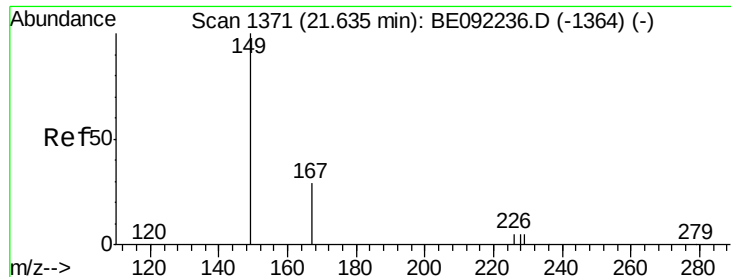


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.52 ng

RT: 21.64 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

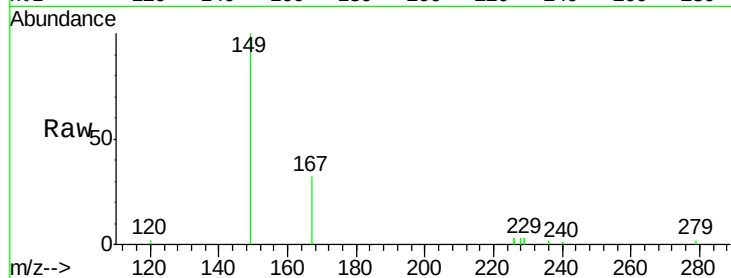
Tgt Ion:149 Resp: 4718

Ion Ratio Lower Upper

149 100

167 29.7 22.1 33.1

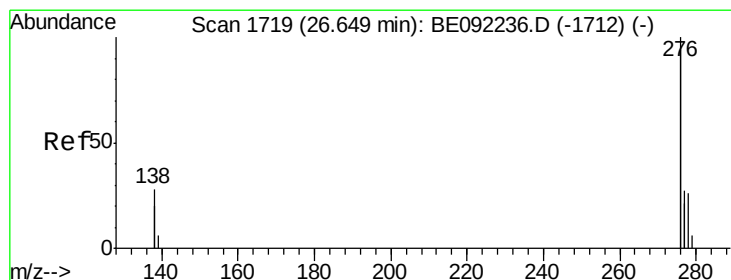
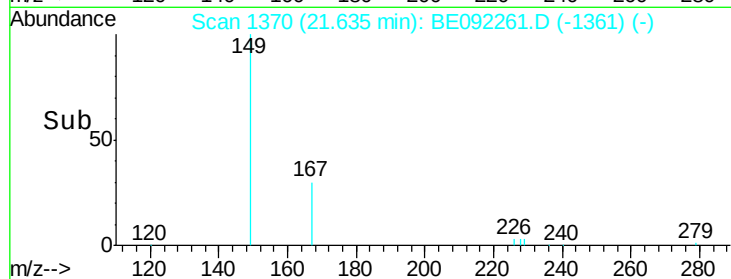
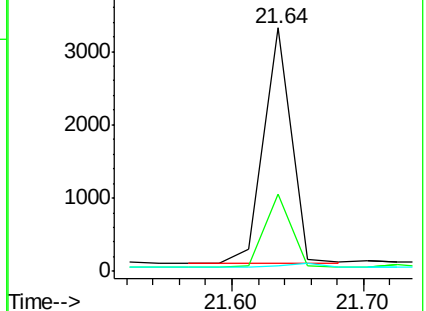
279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.41 ng

RT: 26.63 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

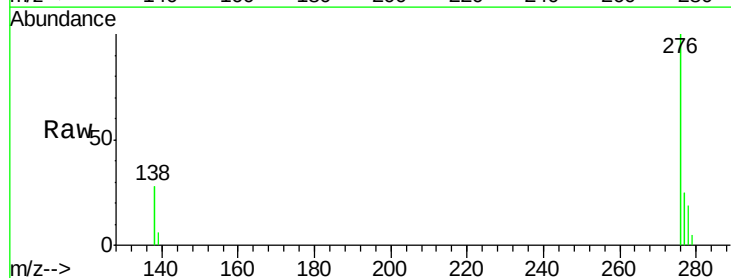
Tgt Ion:276 Resp: 39429

Ion Ratio Lower Upper

276 100

138 27.5 21.3 31.9

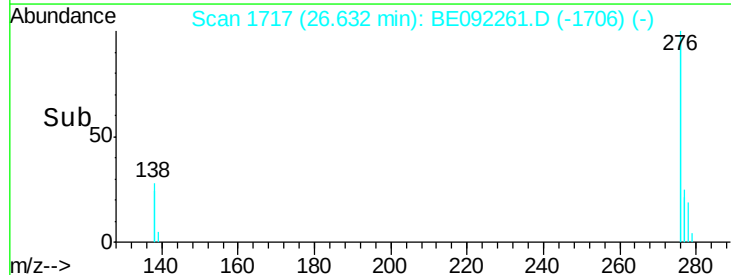
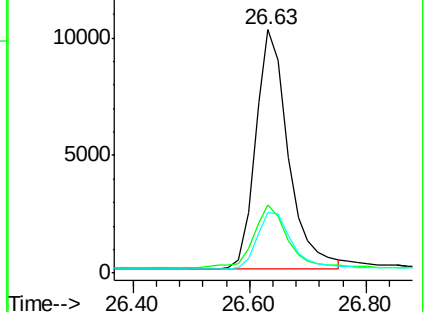
277 24.6 19.7 29.5

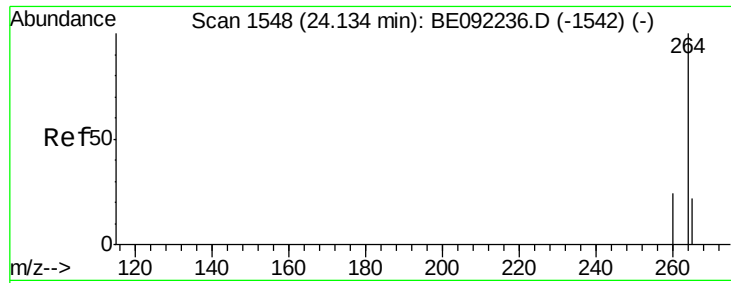


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

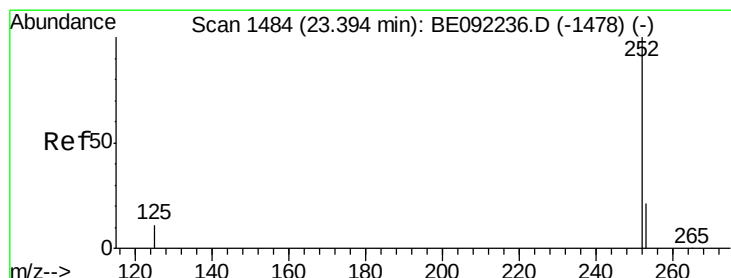
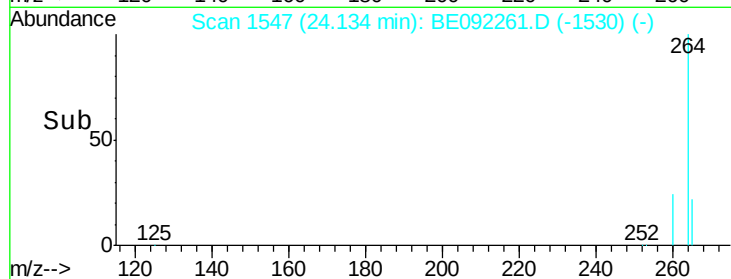
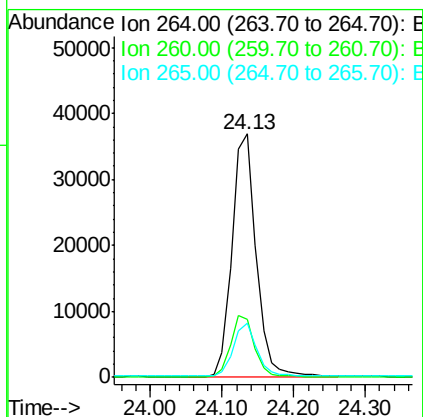
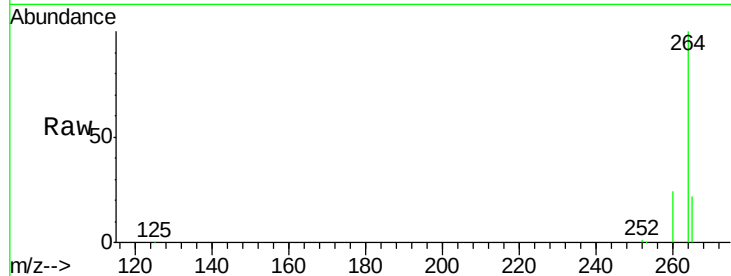




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BE092261.D
 Acq: 10 Aug 2016 18:58

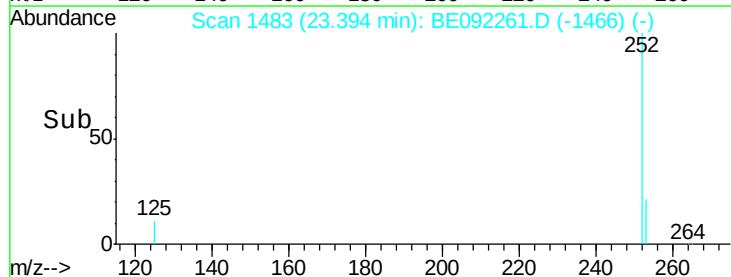
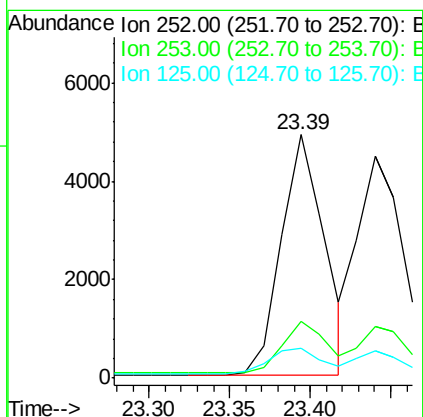
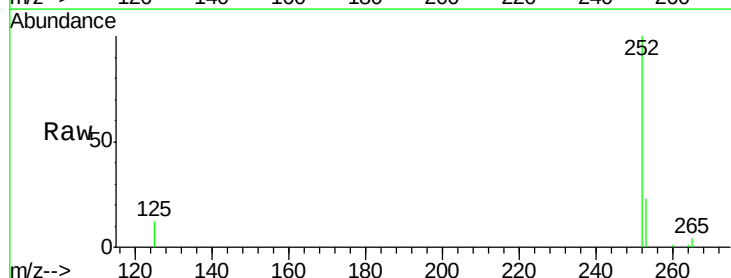
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

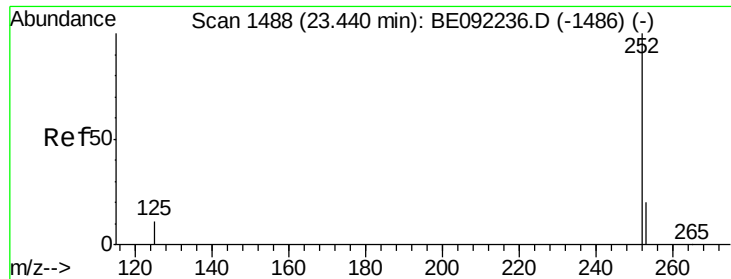
Tgt Ion: 264 Resp: 86661
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.4 18.2 27.4



#32
Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 23.39 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BE092261.D
 Acq: 10 Aug 2016 18:58

Tgt Ion: 252 Resp: 9109
 Ion Ratio Lower Upper
 252 100
 253 23.1 19.0 28.4
 125 12.4 10.3 15.5





#33

Benzo(k)fluoranthene

Concen: 0.41 ng

RT: 23.44 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

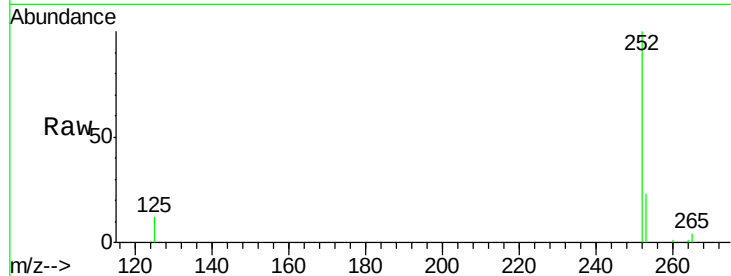
Tgt Ion:252 Resp: 9310

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

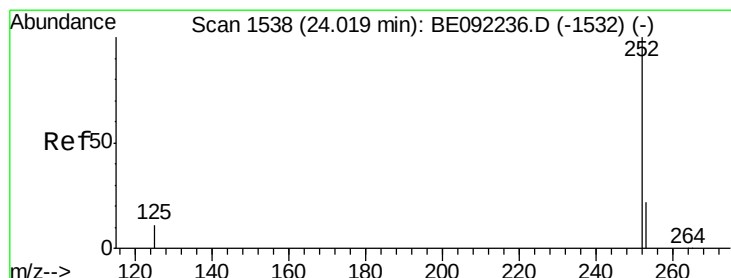
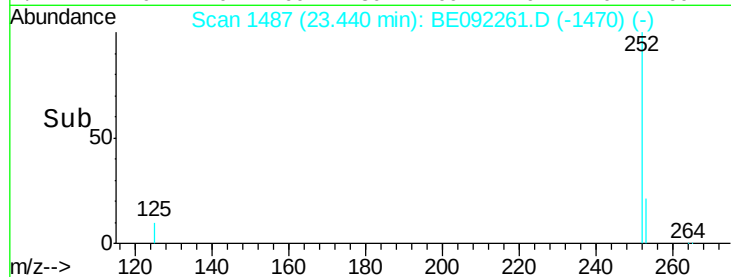
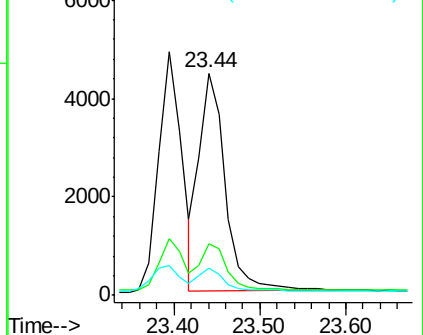
125 12.1 10.6 15.8



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



#34

Benzo(a)pyrene

Concen: 0.41 ng

RT: 24.02 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

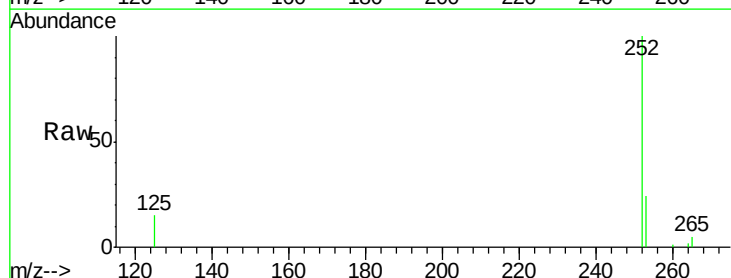
Tgt Ion:252 Resp: 8718

Ion Ratio Lower Upper

252 100

253 24.3 20.3 30.5

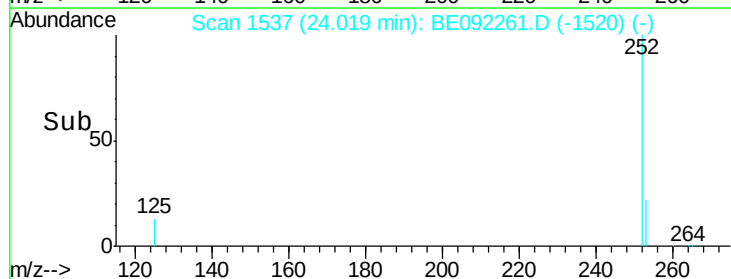
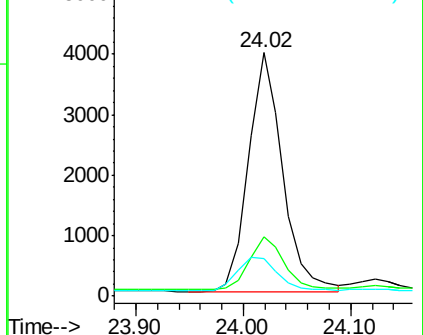
125 15.4 11.8 17.6

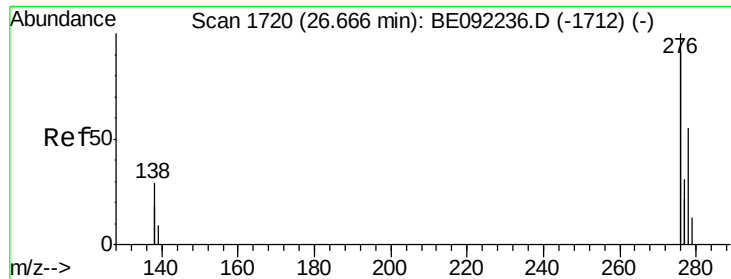


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.40 ng

RT: 26.67 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

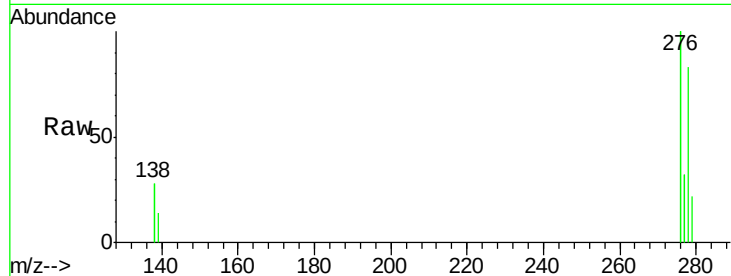
Tgt Ion: 278 Resp: 8007

Ion Ratio Lower Upper

278 100

139 16.4 16.2 24.2

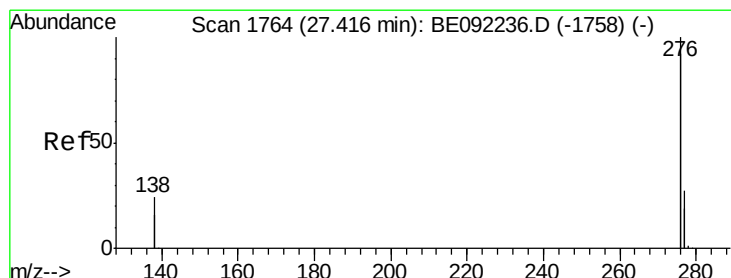
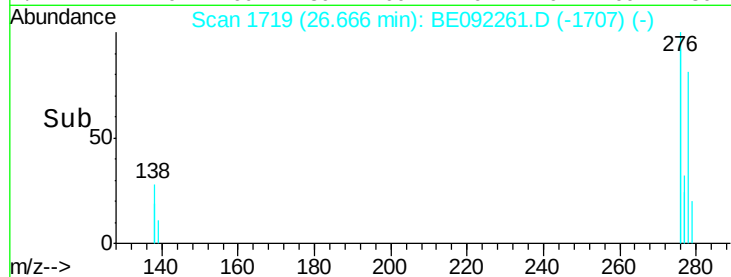
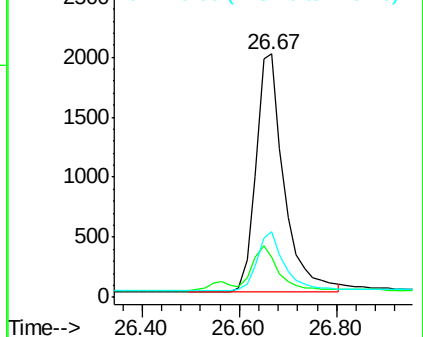
279 26.8 21.4 32.2



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: 0.39 ng

RT: 27.40 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BE092261.D

Acq: 10 Aug 2016 18:58

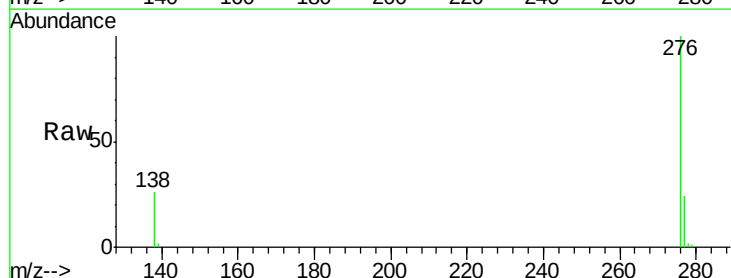
Tgt Ion: 276 Resp: 33828

Ion Ratio Lower Upper

276 100

277 24.1 21.4 32.2

138 26.1 19.4 29.2



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

