

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081116\
 Data File : BE092263.D
 Acq On : 11 Aug 2016 12:46
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 11 16:22:09 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	13643	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	64938	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	36438	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	89727	5.00	ng	0.00
24) Chrysene-d12	21.73	240	84203	5.00	ng	-0.02
31) Perylene-d12	24.13	264	87534	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	1184	0.40	ng	0.00
5) Phenol-d6	7.34	99	1589	0.37	ng	-0.02
8) Nitrobenzene-d5	9.34	82	1690	0.37	ng	-0.02
13) 2,4,6-Tribromophenol	16.33	330	372	0.50	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	4520	0.40	ng	-0.01
26) Terphenyl-d14	20.19	244	5519	0.39	ng	0.00

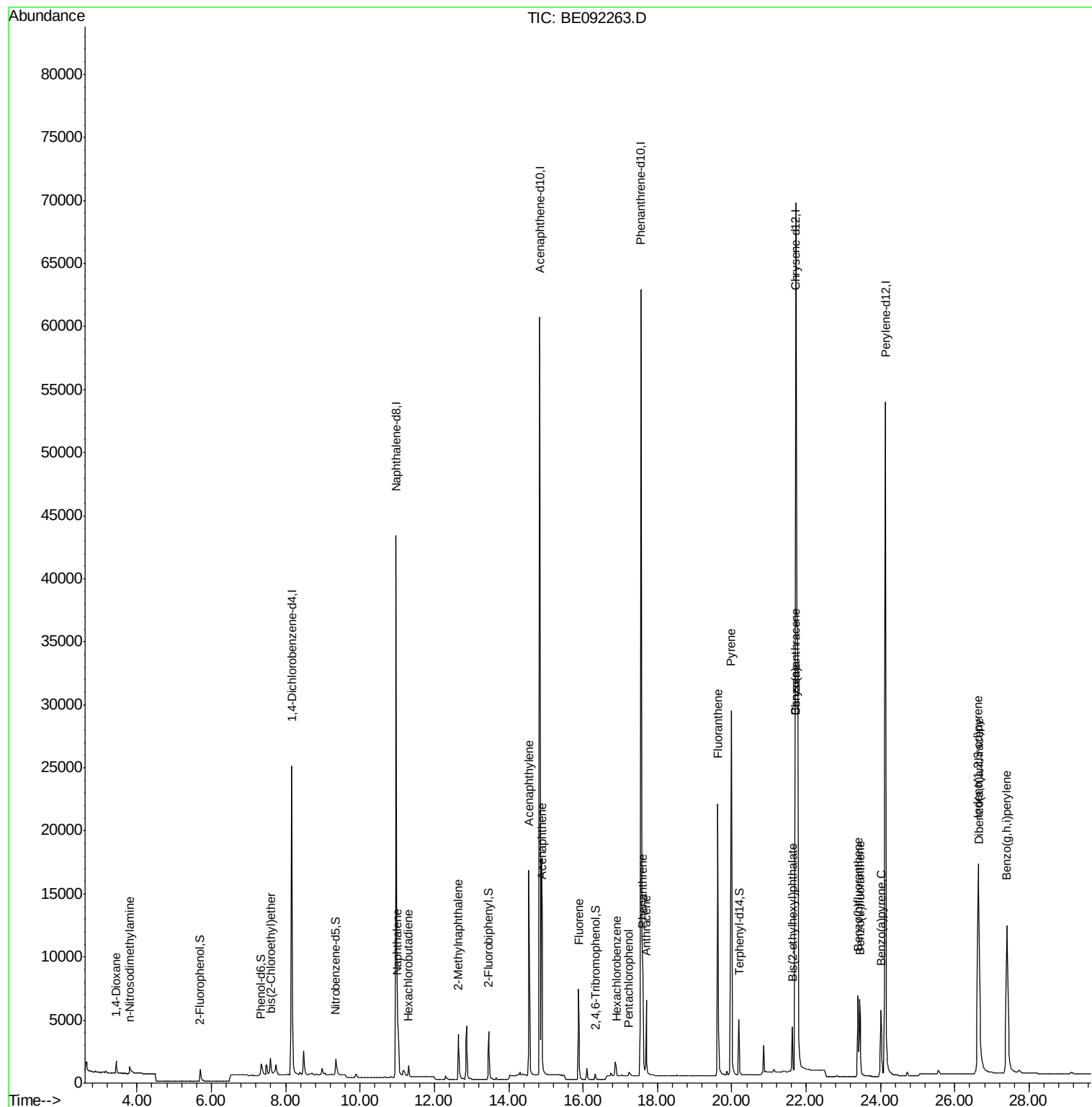
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	684	0.37	ng	96
3) n-Nitrosodimethylamine	3.80	42	821	0.47	ng	# 95
6) bis(2-Chloroethyl)ether	7.59	93	1462	0.42	ng	94
9) Naphthalene	11.01	128	5801	0.40	ng	94
10) Hexachlorobutadiene	11.30	225	861	0.41	ng	97
11) 2-Methylnaphthalene	12.65	142	3634	0.40	ng	98
15) Acenaphthylene	14.54	152	24792	0.39	ng	99
16) Acenaphthene	14.90	154	4019	0.40	ng	97
17) Fluorene	15.88	166	4880	0.40	ng	99
19) Hexachlorobenzene	16.89	284	1337	0.38	ng	# 100
20) Pentachlorophenol	17.24	266	340	0.46	ng	89
21) Phenanthrene	17.60	178	9135	0.39	ng	99
22) Anthracene	17.70	178	7781	0.37	ng	99
23) Fluoranthene	19.63	202	34945	0.38	ng	99
25) Pyrene	19.99	202	38555	0.39	ng	100
27) Benzo(a)anthracene	21.70	228	41391	0.41	ng	# 64
28) Chrysene	21.70	228	41391	0.44	ng	# 71
29) Bis(2-ethylhexyl)phthalate	21.64	149	4015	0.46	ng	# 95
30) Indeno(1,2,3-cd)pyrene	26.63	276	38971	0.39	ng	99
32) Benzo(b)fluoranthene	23.39	252	9112	0.40	ng	99
33) Benzo(k)fluoranthene	23.44	252	9053	0.39	ng	98
34) Benzo(a)pyrene	24.02	252	8593	0.40	ng	99
35) Dibenzo(a,h)anthracene	26.65	278	7913	0.39	ng	98
36) Benzo(g,h,i)perylene	27.40	276	33291	0.38	ng	96

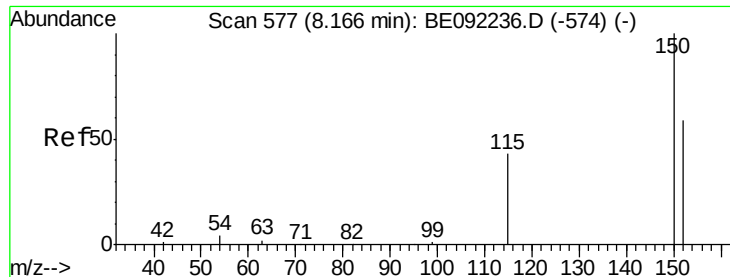
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

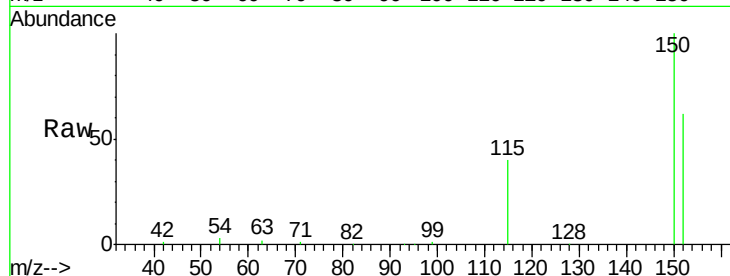
Tgt Ion:152 Resp: 13643

Ion Ratio Lower Upper

152 100

150 160.8 135.6 203.4

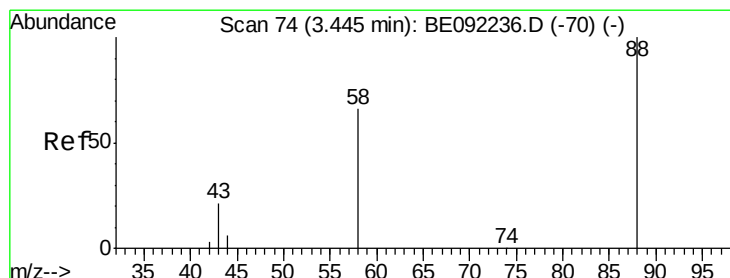
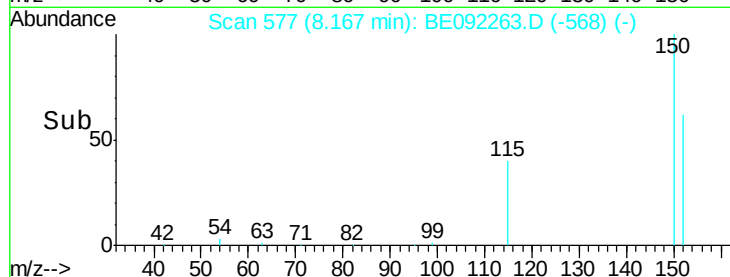
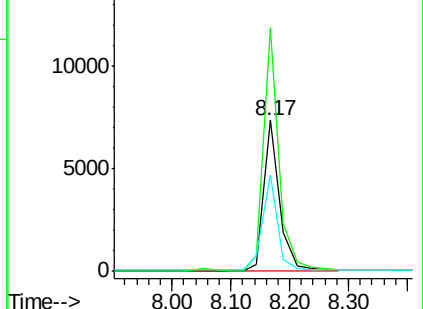
115 64.1 59.4 89.0



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: 0.37 ng

RT: 3.43 min Scan# 73

Delta R.T. -0.01 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

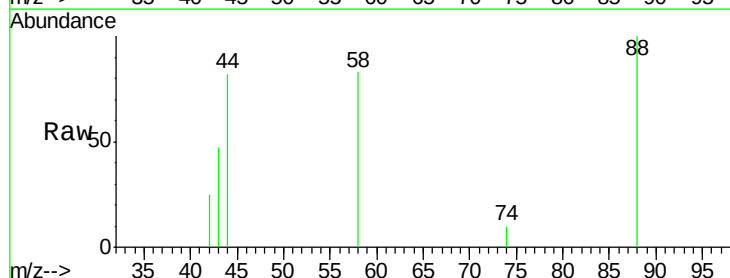
Tgt Ion: 88 Resp: 684

Ion Ratio Lower Upper

88 100

58 83.3 64.4 96.6

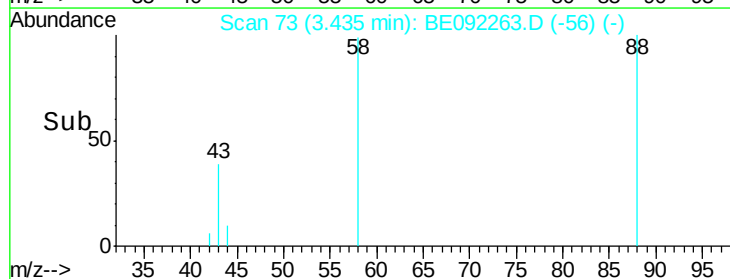
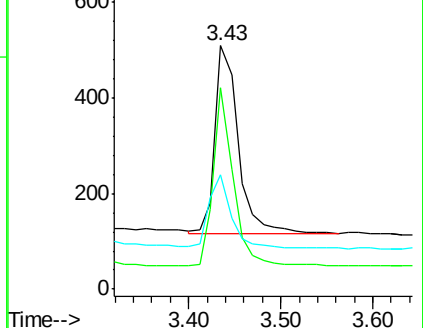
43 38.6 33.4 50.2

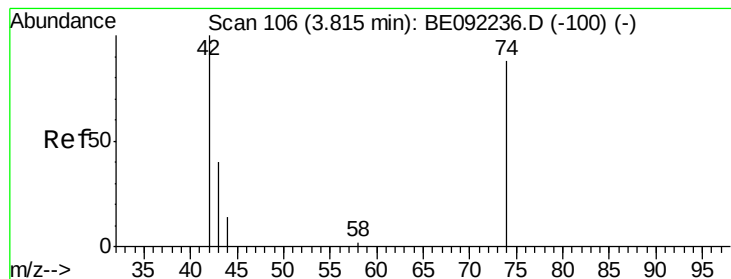


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.47 ng

RT: 3.80 min Scan# 105

Delta R.T. -0.01 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

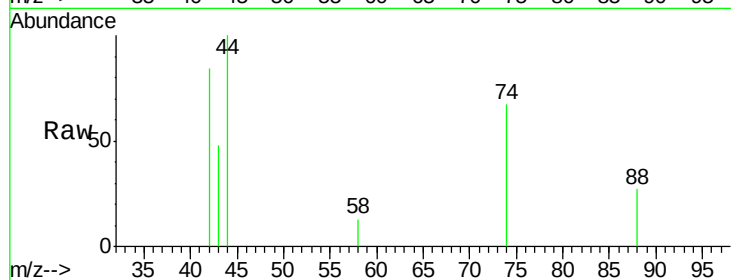
Tgt Ion: 42 Resp: 821

Ion Ratio Lower Upper

42 100

74 101.6 77.2 115.8

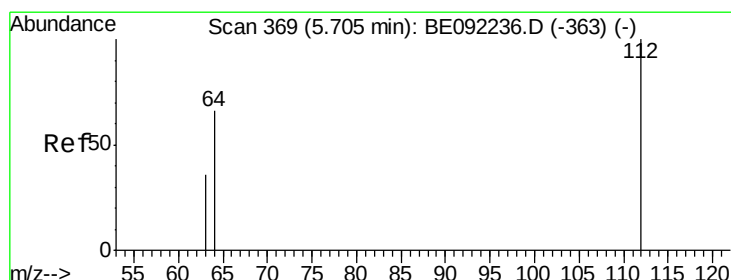
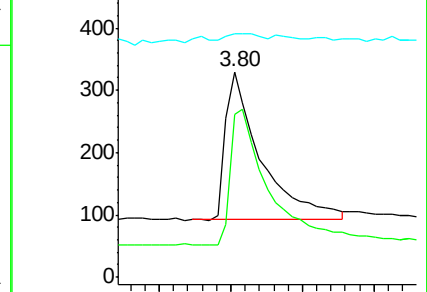
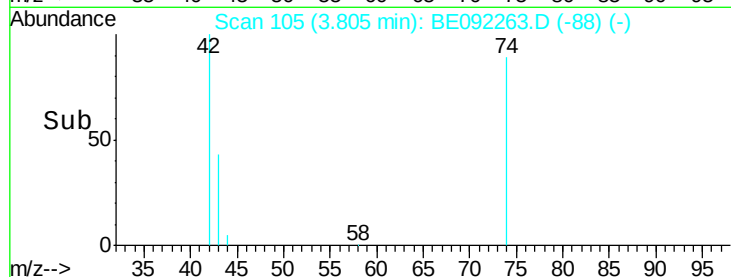
44 4.9 5.0 7.4#



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: 0.40 ng

RT: 5.70 min Scan# 369

Delta R.T. -0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

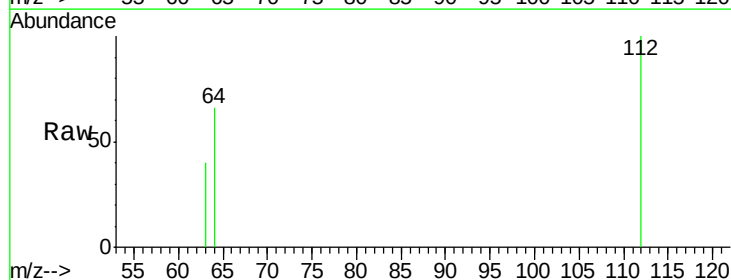
Tgt Ion: 112 Resp: 1184

Ion Ratio Lower Upper

112 100

64 65.9 53.2 79.8

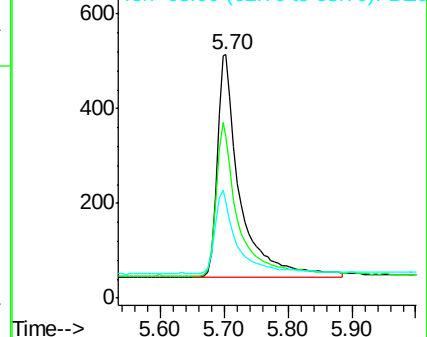
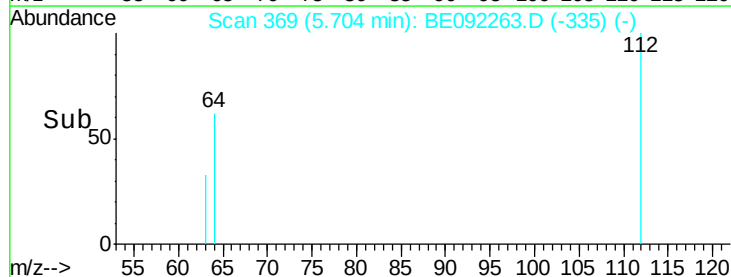
63 36.8 27.4 41.2

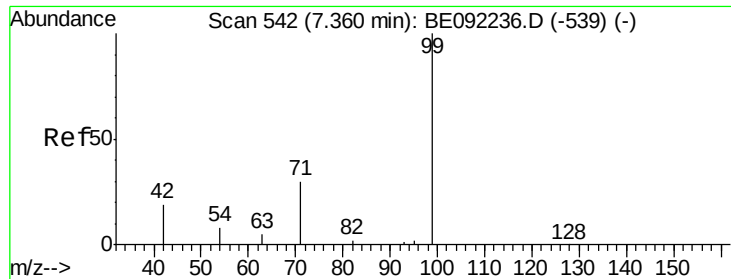


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.37 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

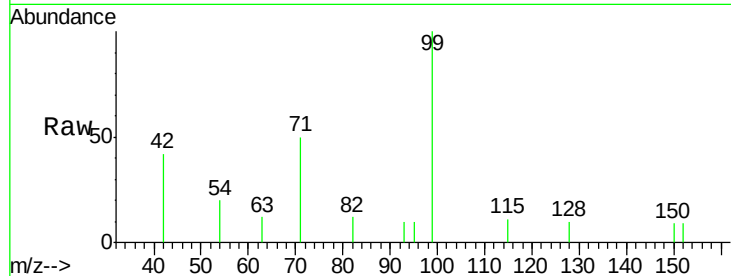
Tgt Ion: 99 Resp: 1589

Ion Ratio Lower Upper

99 100

42 25.7 0.0 0.0#

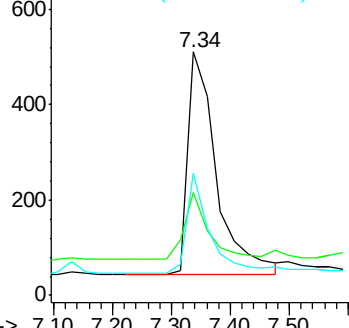
71 35.4 29.8 44.8



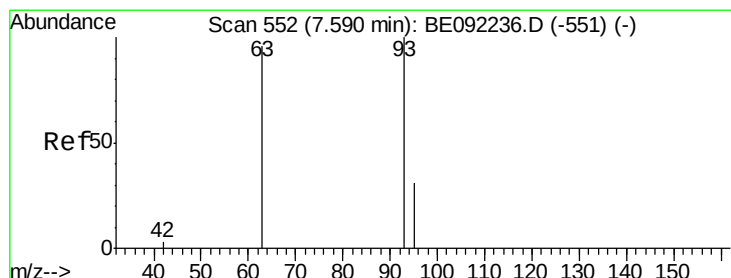
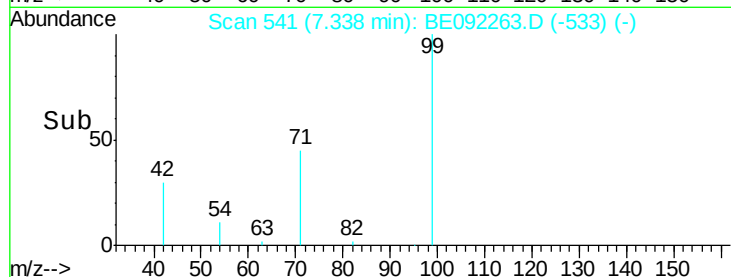
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.10 7.20 7.30 7.40 7.50



#6

bis(2-Chloroethyl)ether

Concen: 0.42 ng

RT: 7.59 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

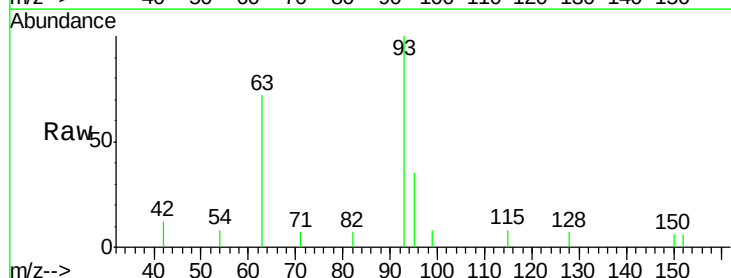
Tgt Ion: 93 Resp: 1462

Ion Ratio Lower Upper

93 100

63 78.4 68.5 102.7

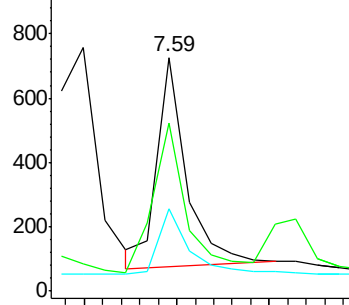
95 32.8 27.2 40.8



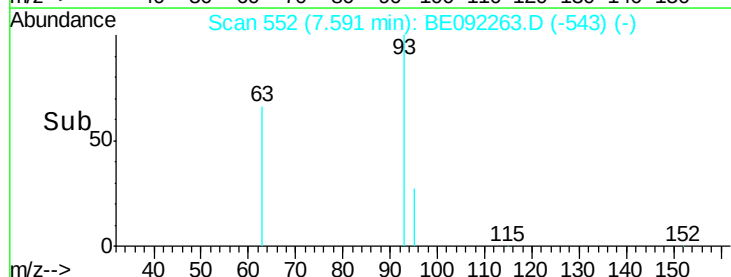
Abundance Ion 93.00 (92.70 to 93.70): BE0

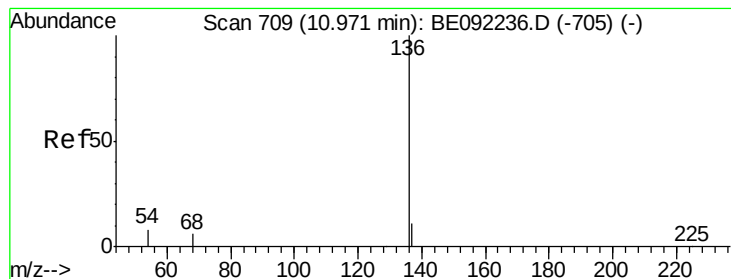
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.50 7.60 7.70





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 64938

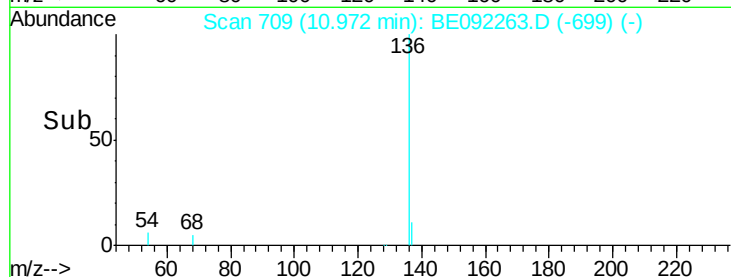
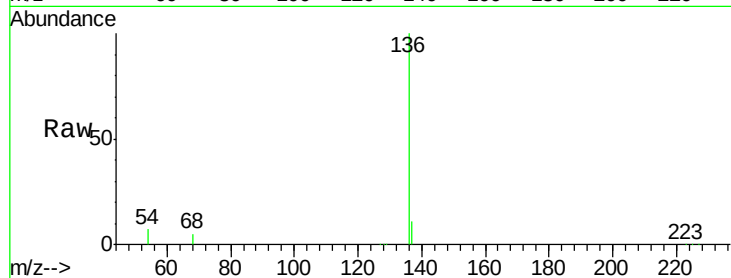
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.6 6.2 9.4

68 4.9 4.6 6.8

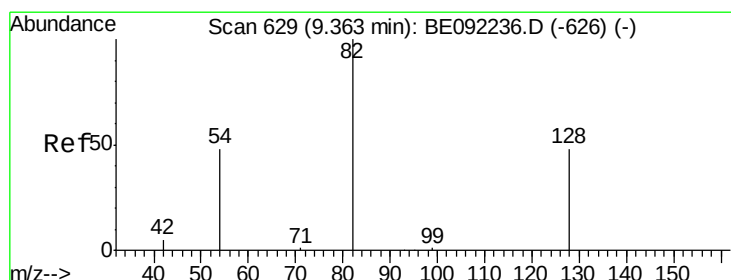
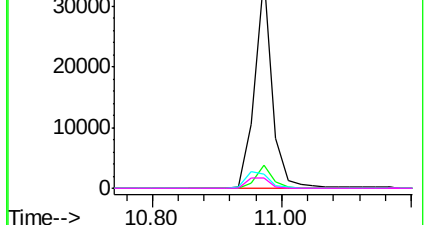


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.37 ng

RT: 9.34 min Scan# 628

Delta R.T. -0.02 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

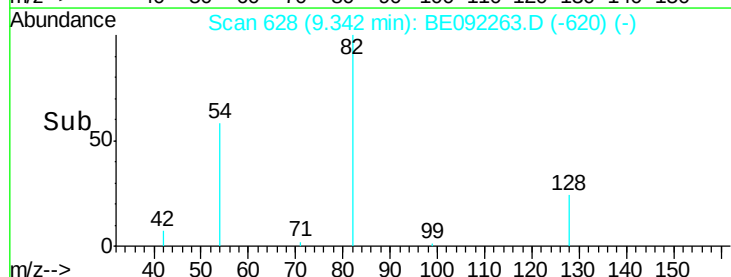
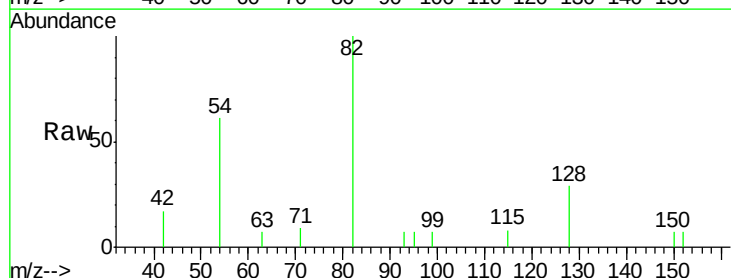
Tgt Ion: 82 Resp: 1690

Ion Ratio Lower Upper

82 100

128 29.5 45.0 67.4#

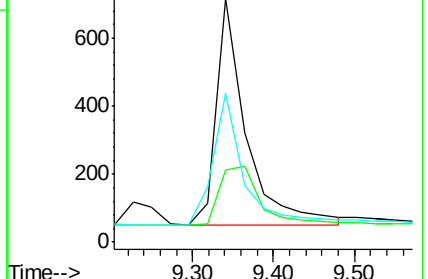
54 61.3 45.4 68.2

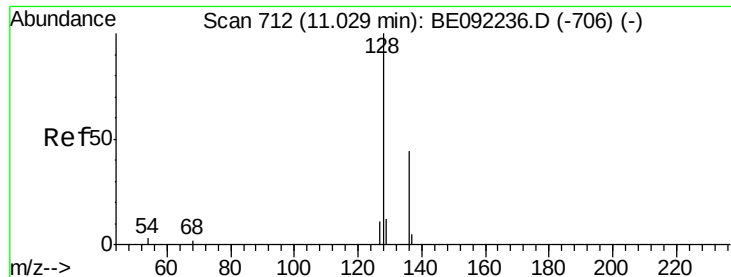


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

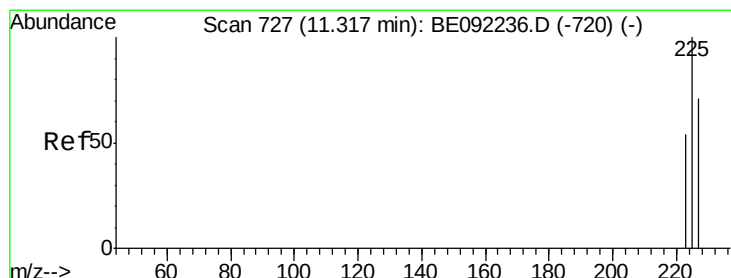
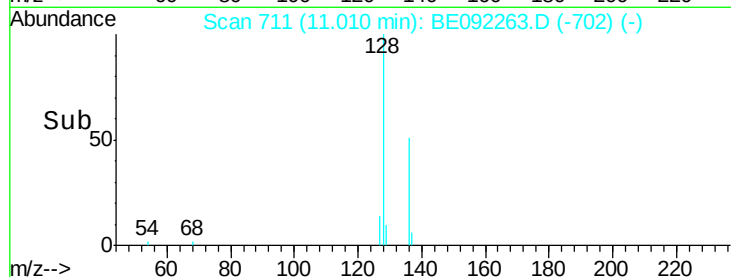
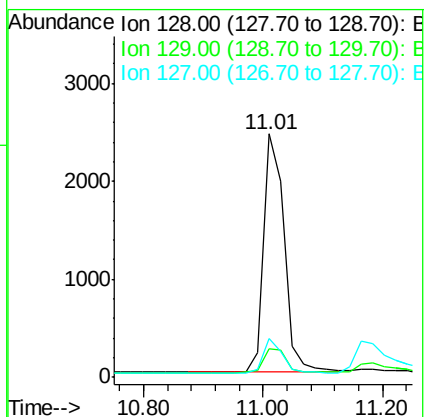
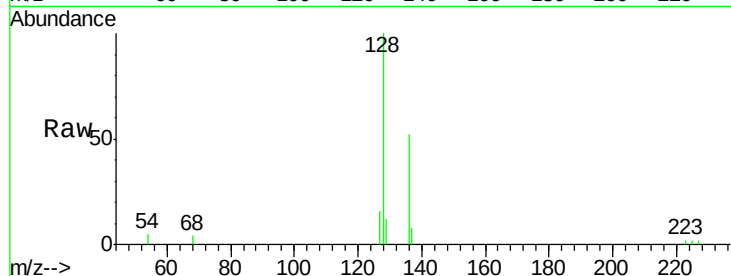
Tgt Ion:128 Resp: 5801

Ion Ratio Lower Upper

128 100

129 11.7 11.5 17.3

127 15.7 11.0 16.6



#10

Hexachlorobutadiene

Concen: 0.41 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.02 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

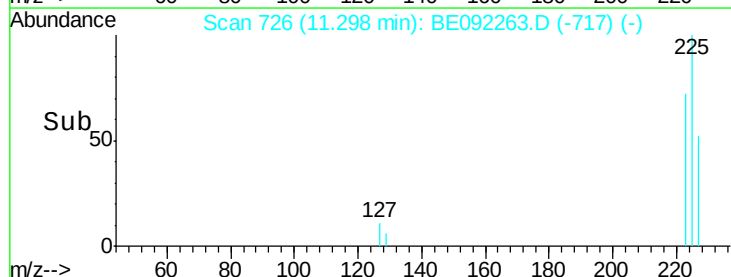
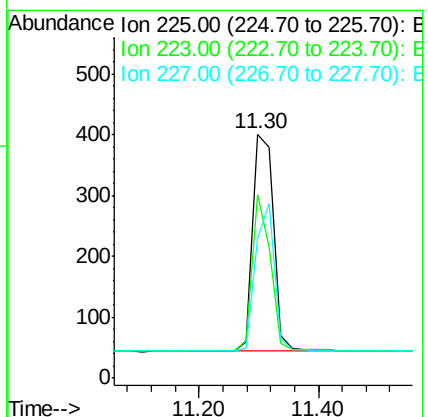
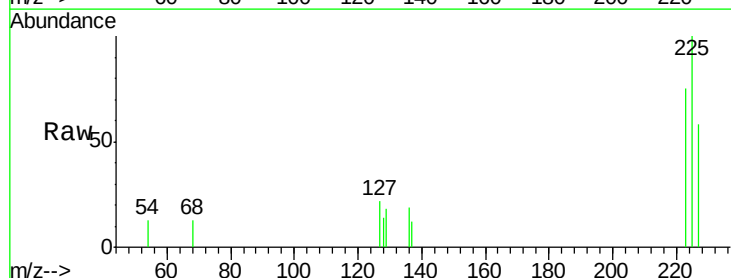
Tgt Ion:225 Resp: 861

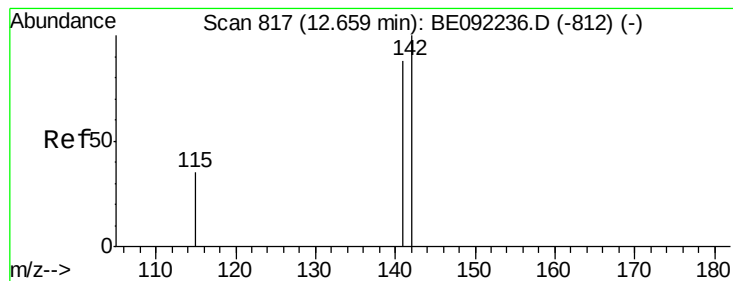
Ion Ratio Lower Upper

225 100

223 61.8 52.2 78.4

227 62.3 51.0 76.6





#11

2-Methylnaphthalene

Concen: 0.40 ng

RT: 12.65 min Scan# 816

Delta R.T. -0.01 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

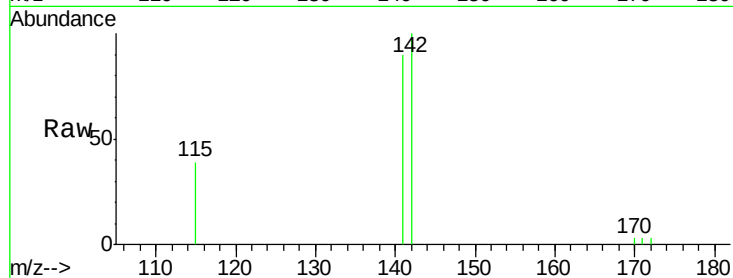
Tgt Ion:142 Resp: 3634

Ion Ratio Lower Upper

142 100

141 90.1 70.6 105.8

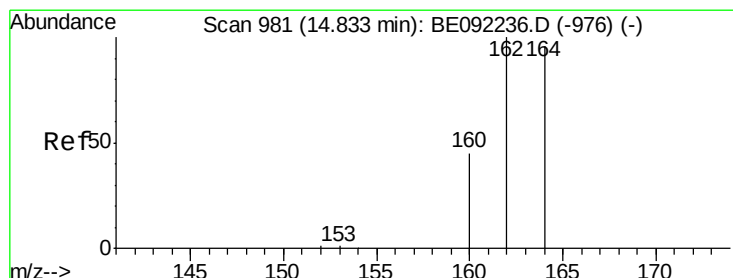
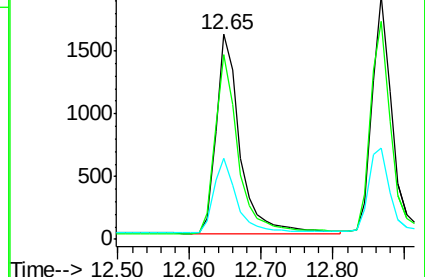
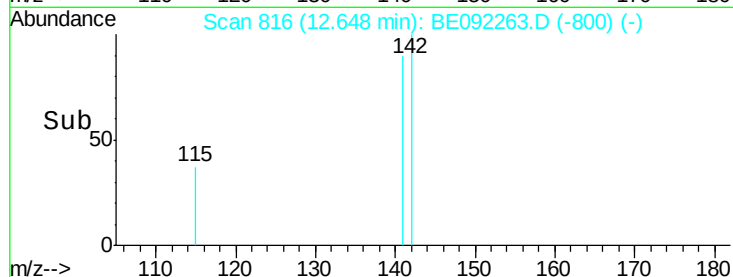
115 39.4 31.0 46.4



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: BE092263.D

Acq: 11 Aug 2016 12:46

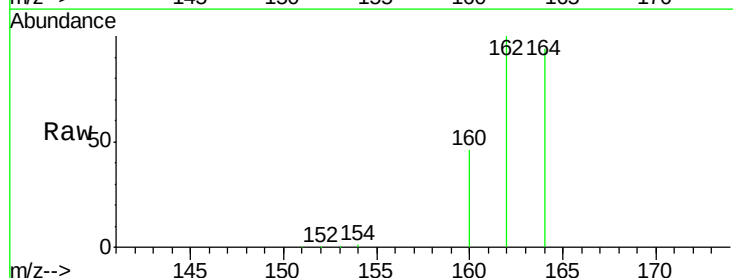
Tgt Ion:164 Resp: 36438

Ion Ratio Lower Upper

164 100

162 106.6 83.3 124.9

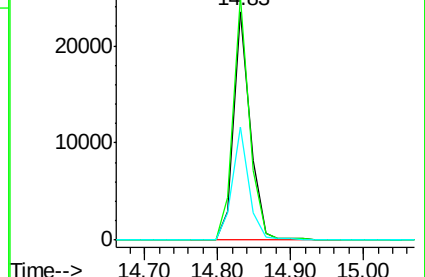
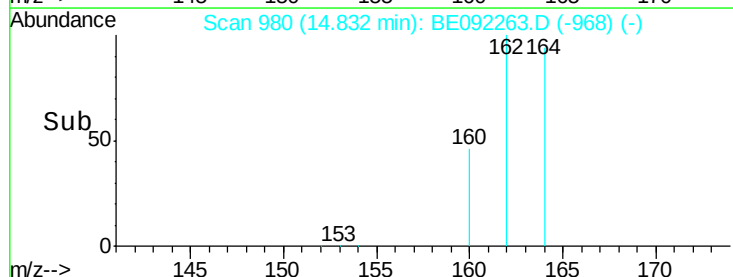
160 49.2 38.0 57.0

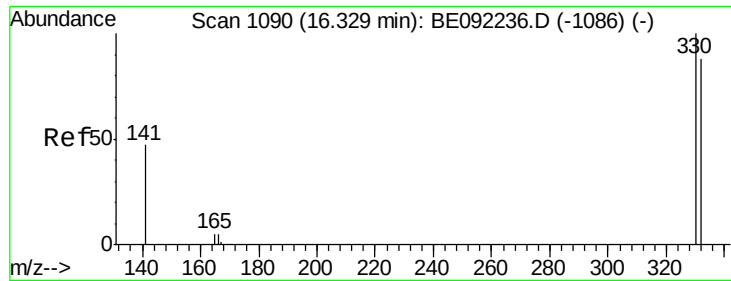


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

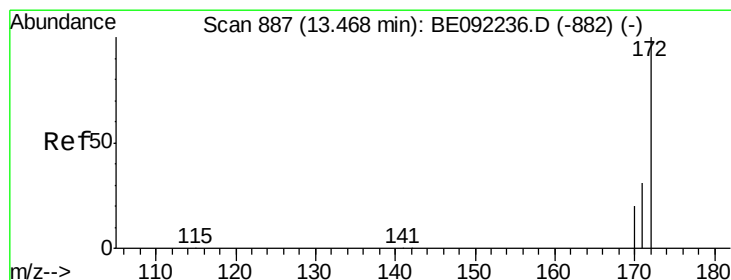
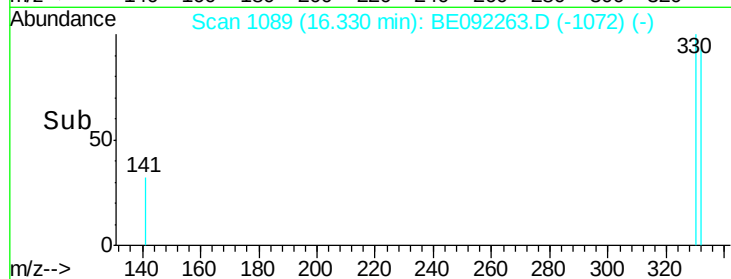
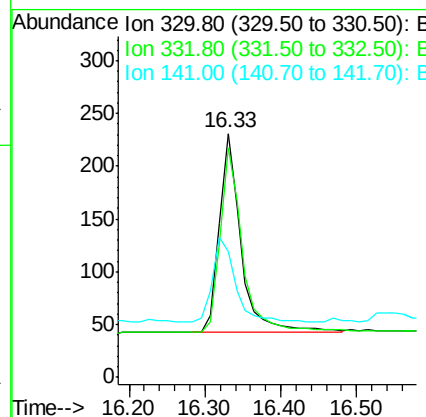
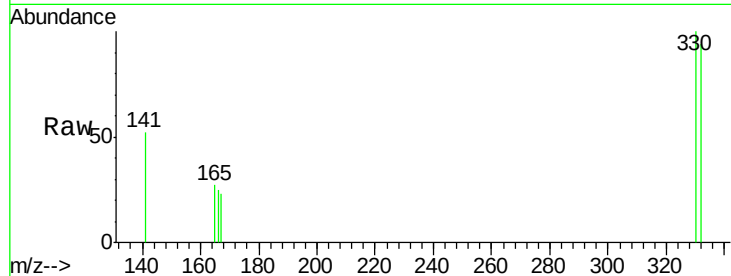




#13
 2,4,6-Tribromophenol
 Concen: 0.50 ng
 RT: 16.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092263.D
 Acq: 11 Aug 2016 12:46

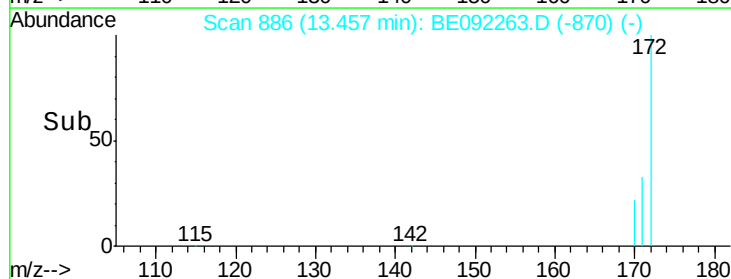
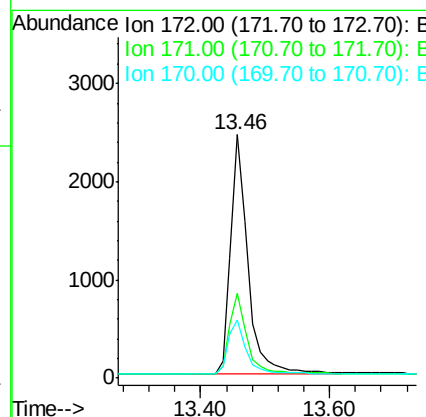
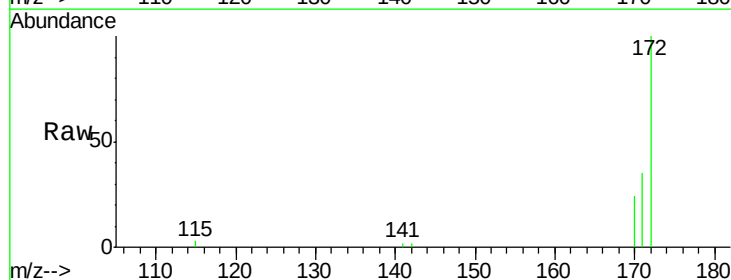
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

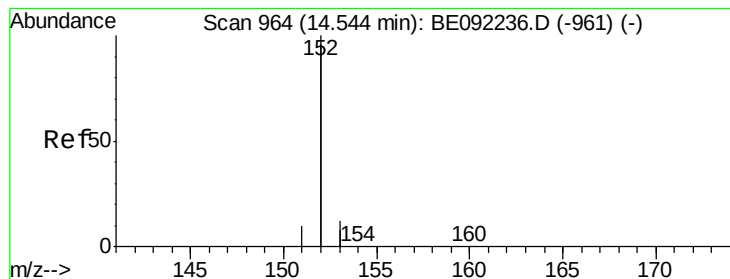
Tgt Ion: 330 Resp: 372
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.0
 141 42.7 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092263.D
 Acq: 11 Aug 2016 12:46

Tgt Ion: 172 Resp: 4520
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.8 40.2
 170 23.6 17.8 26.6





#15

Acenaphthylene

Concen: 0.39 ng

RT: 14.54 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

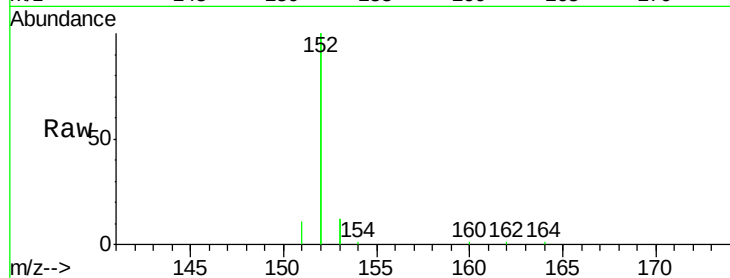
Tgt Ion:152 Resp: 24792

Ion Ratio Lower Upper

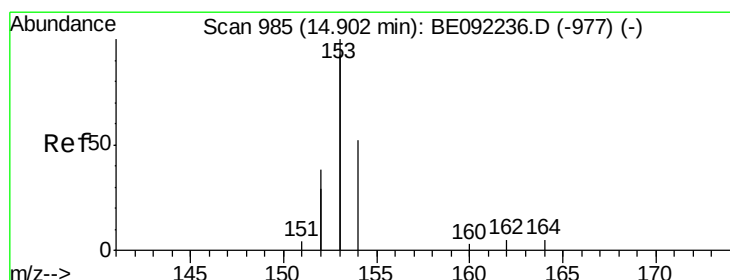
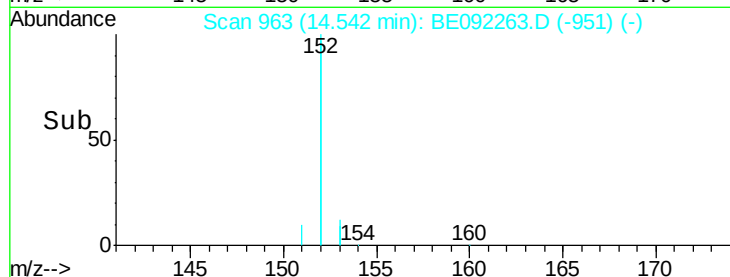
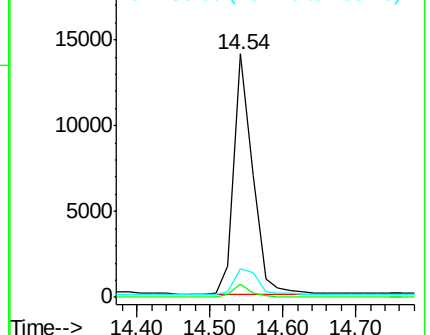
152 100

151 4.9 3.8 5.8

153 13.1 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: BE092263.D

Acq: 11 Aug 2016 12:46

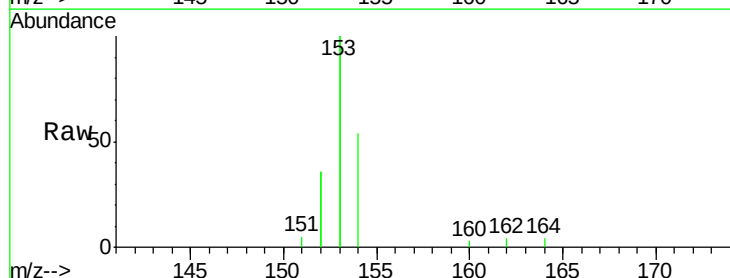
Tgt Ion:154 Resp: 4019

Ion Ratio Lower Upper

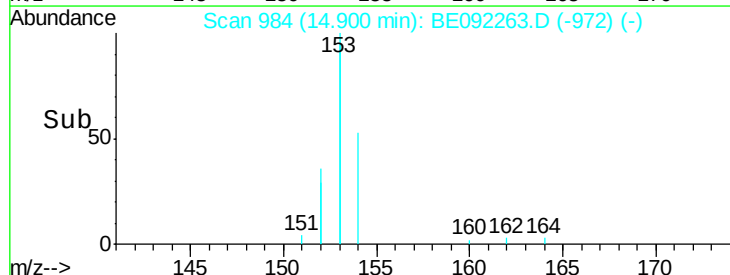
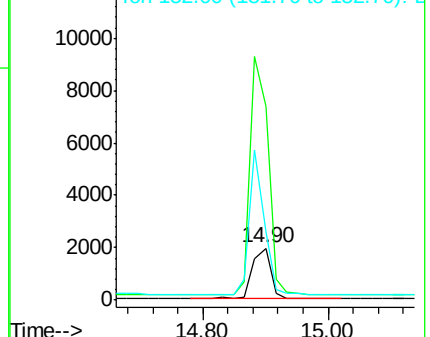
154 100

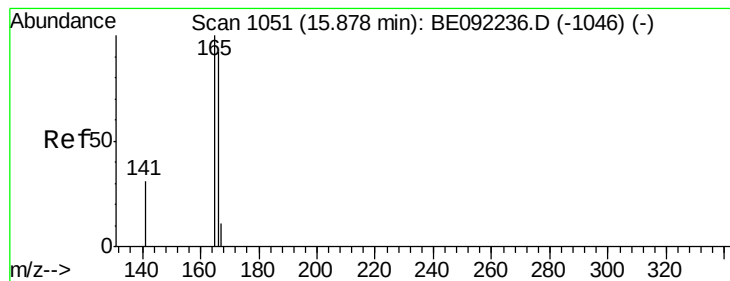
153 451.9 355.0 532.4

152 227.5 179.7 269.5



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: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

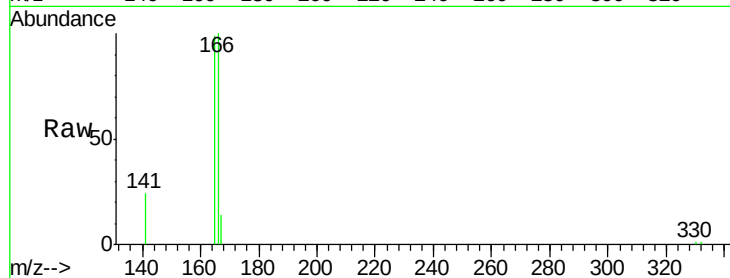
Tgt Ion:166 Resp: 4880

Ion Ratio Lower Upper

166 100

165 99.1 80.1 120.1

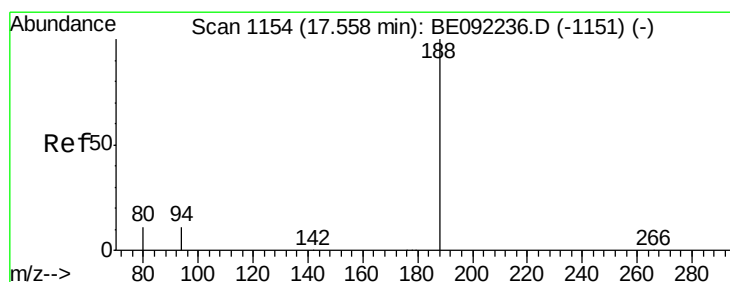
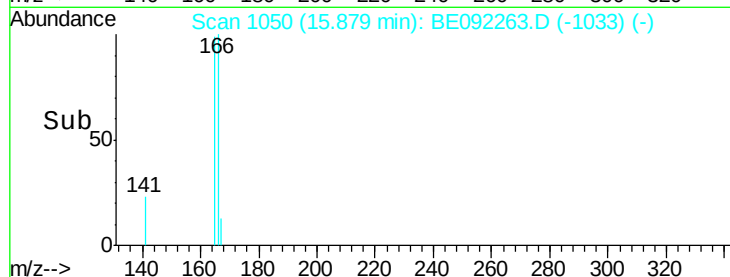
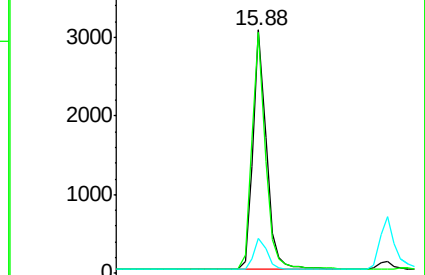
167 13.3 10.6 16.0



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: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

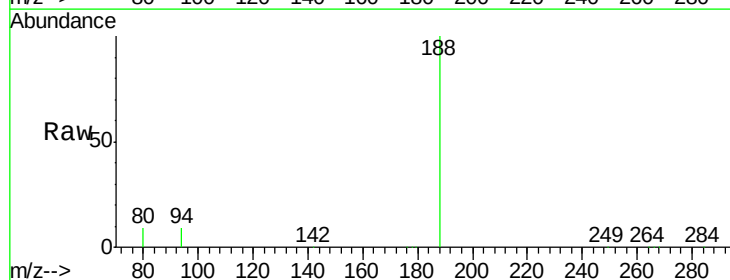
Tgt Ion:188 Resp: 89727

Ion Ratio Lower Upper

188 100

94 9.1 9.2 13.8#

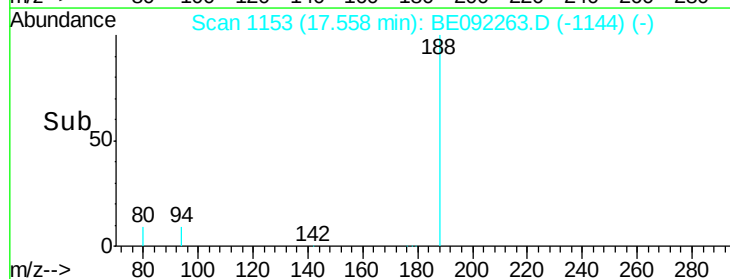
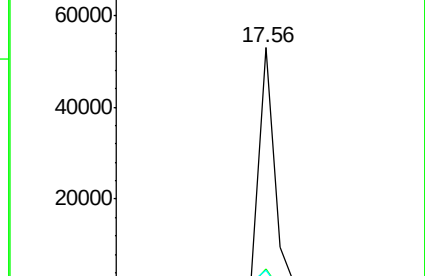
80 8.7 9.1 13.7#

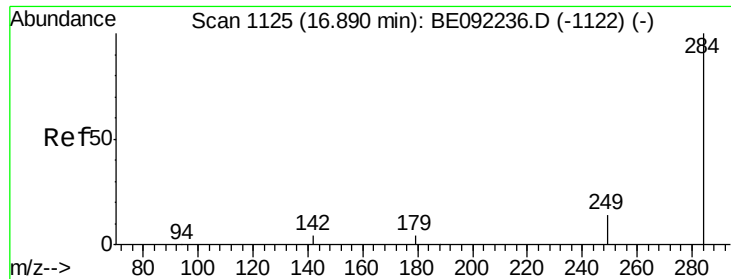


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

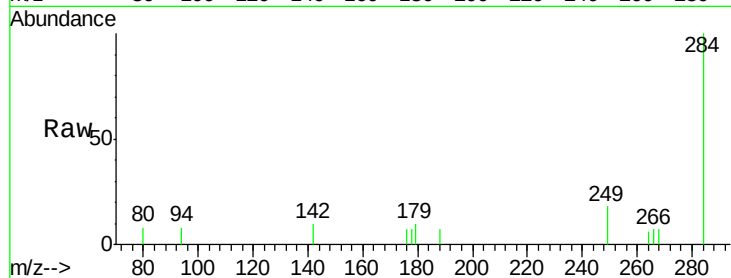




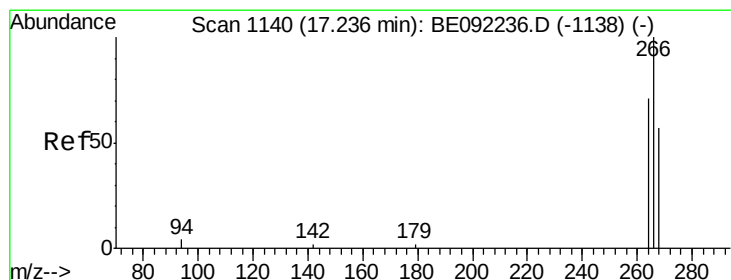
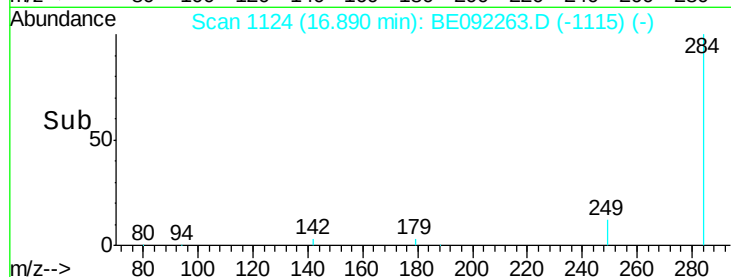
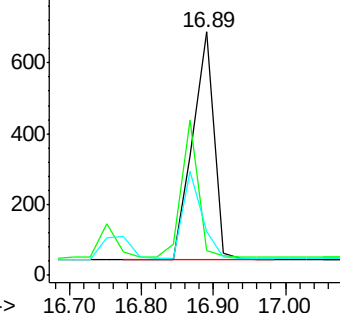
#19
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092263.D
Acq: 11 Aug 2016 12:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 1337
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

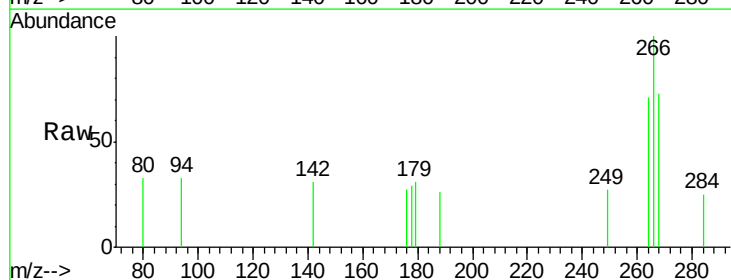


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

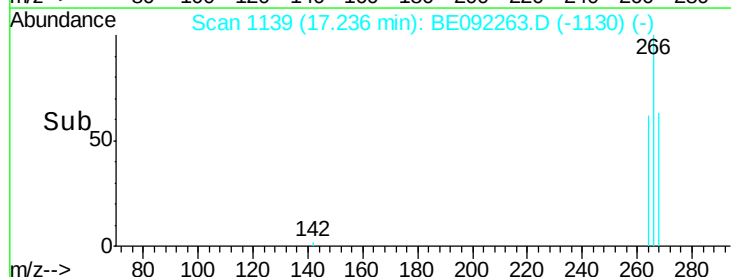
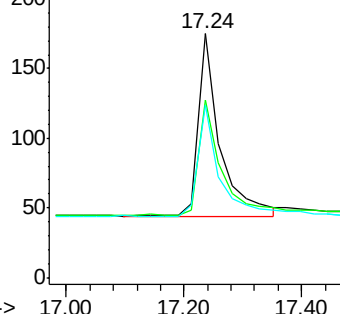


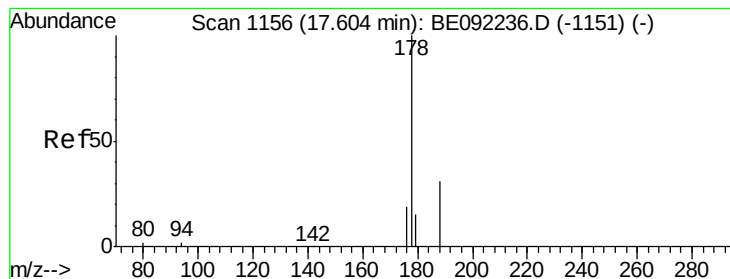
#20
Pentachlorophenol
Concen: 0.46 ng
RT: 17.24 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092263.D
Acq: 11 Aug 2016 12:46

Tgt Ion: 266 Resp: 340
Ion Ratio Lower Upper
266 100
268 72.6 62.3 93.5
264 70.9 67.4 101.0



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: 0.39 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

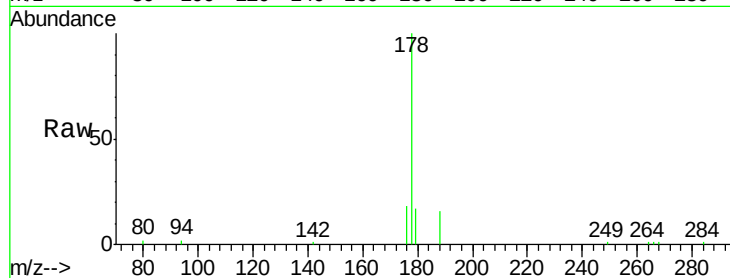
Tgt Ion:178 Resp: 9135

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

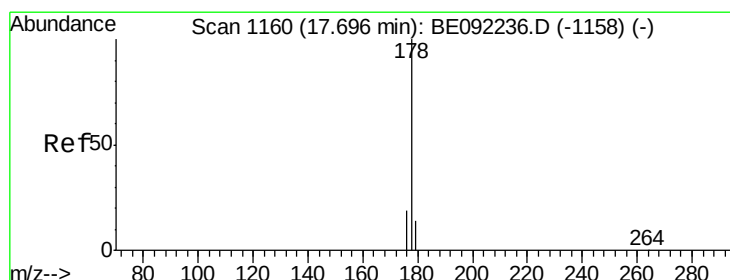
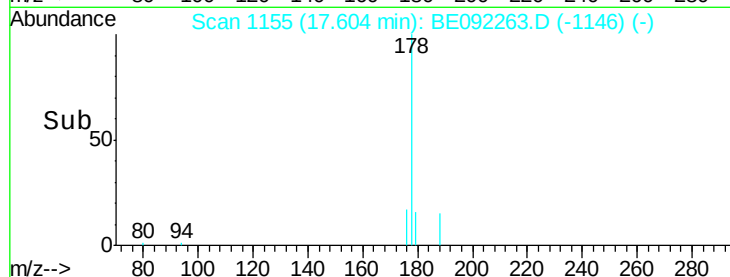
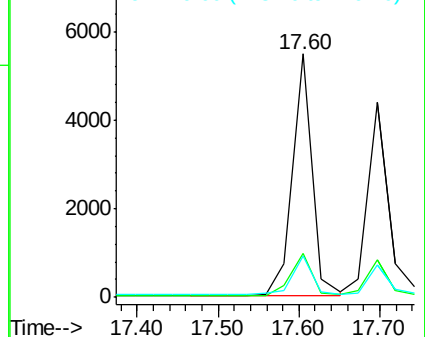
179 16.2 12.9 19.3



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: 0.37 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

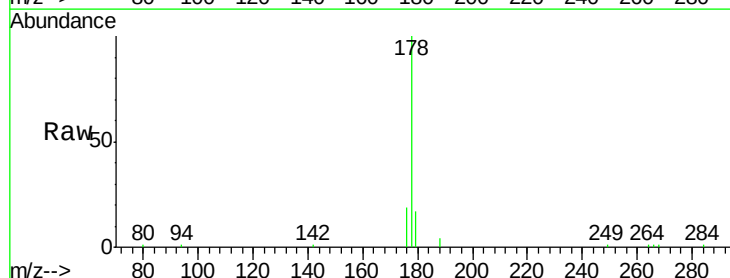
Tgt Ion:178 Resp: 7781

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

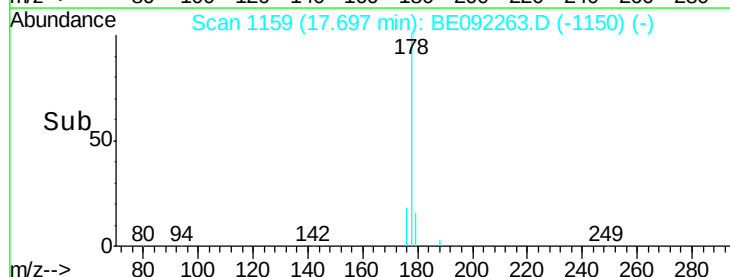
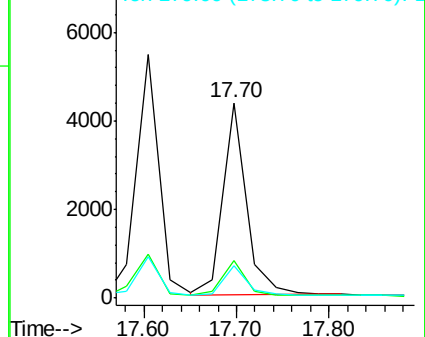
179 15.5 12.0 18.0

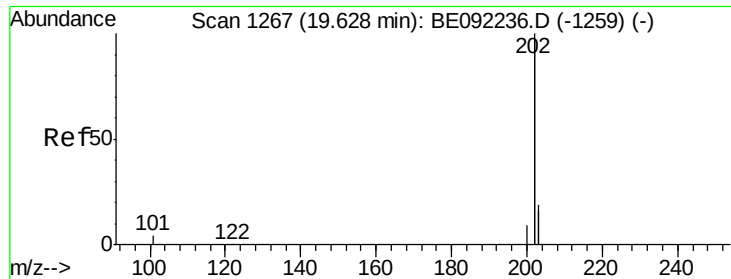


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.38 ng

RT: 19.63 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

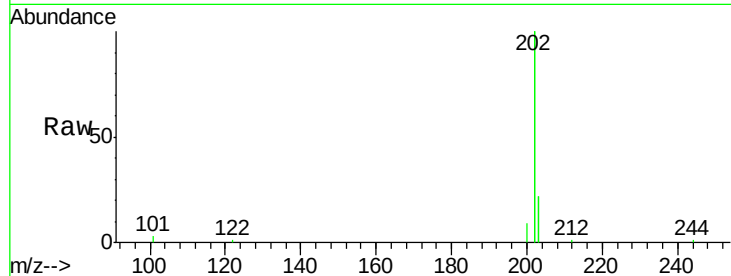
Tgt Ion:202 Resp: 34945

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

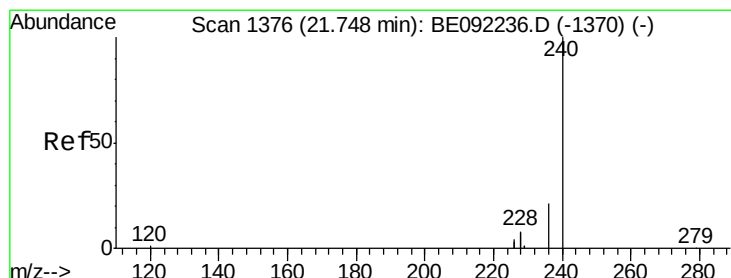
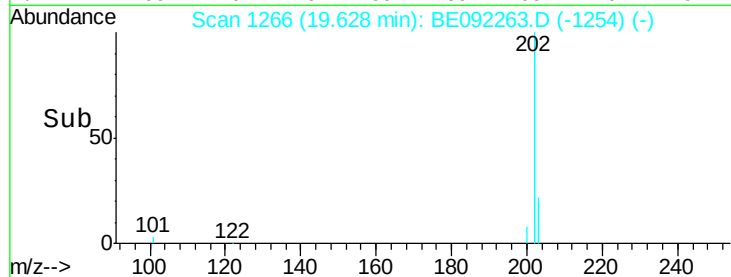
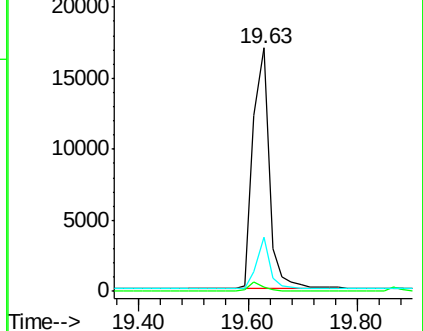
203 17.6 13.7 20.5



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: BE092263.D

Acq: 11 Aug 2016 12:46

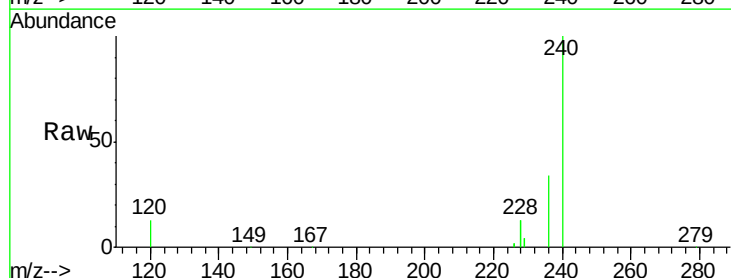
Tgt Ion:240 Resp: 84203

Ion Ratio Lower Upper

240 100

120 12.7 1.2 1.8#

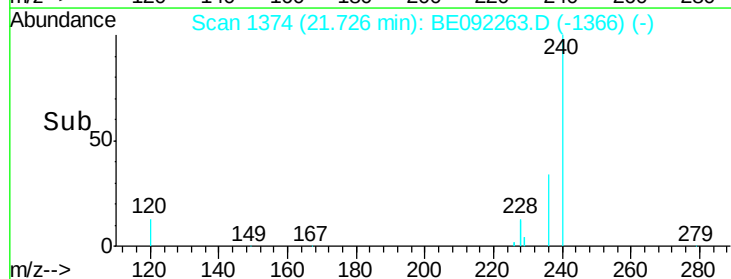
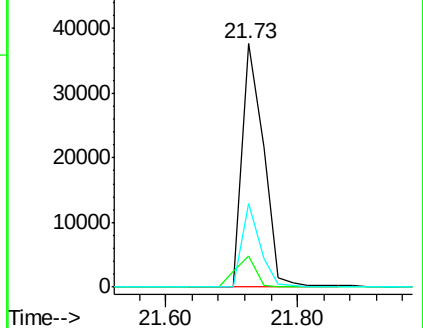
236 34.3 17.1 25.7#

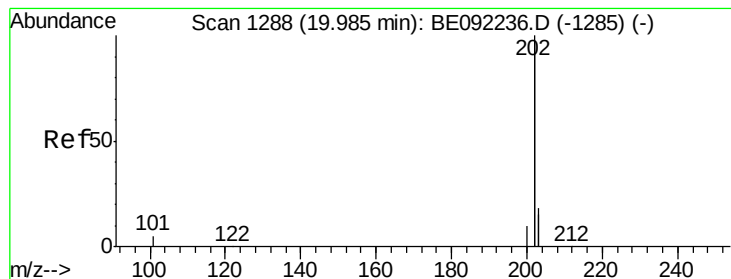


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.39 ng

RT: 19.99 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

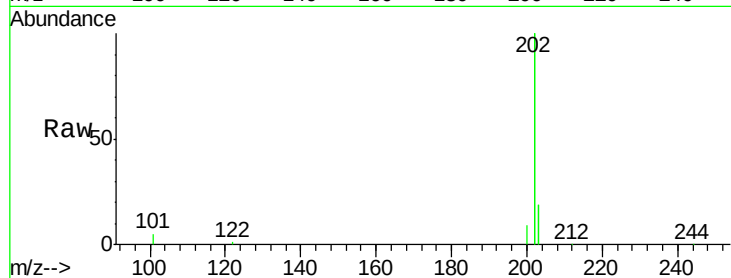
Tgt Ion:202 Resp: 38555

Ion Ratio Lower Upper

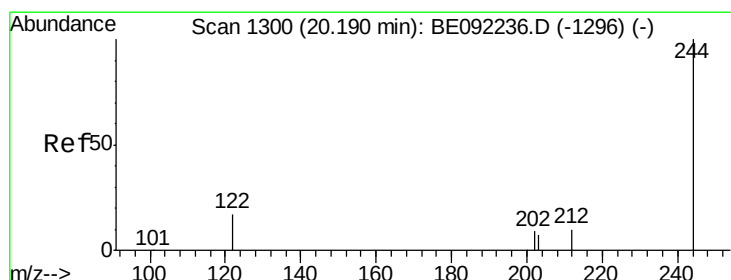
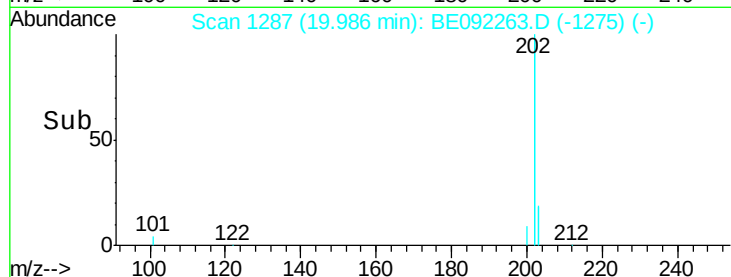
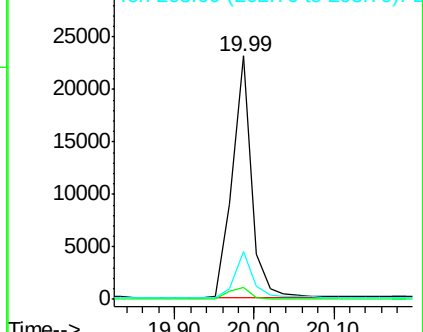
202 100

200 5.3 4.2 6.4

203 17.6 14.0 21.0



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: 0.39 ng

RT: 20.19 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

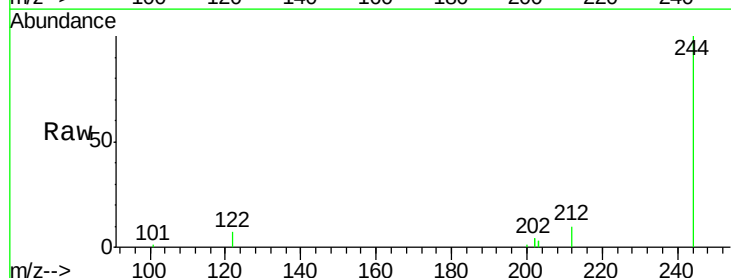
Tgt Ion:244 Resp: 5519

Ion Ratio Lower Upper

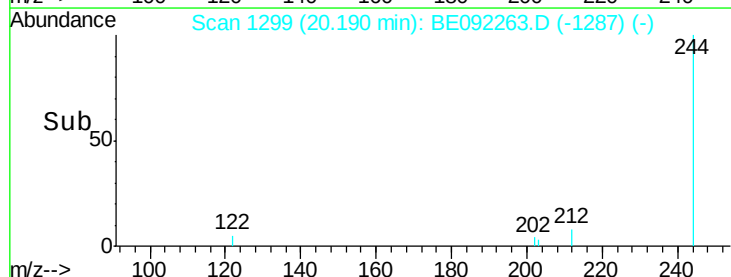
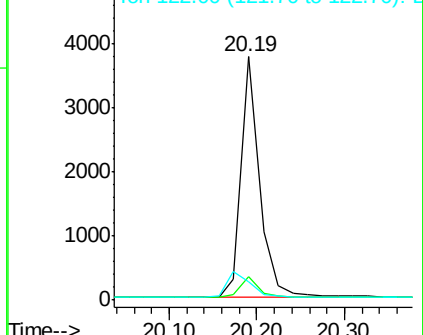
244 100

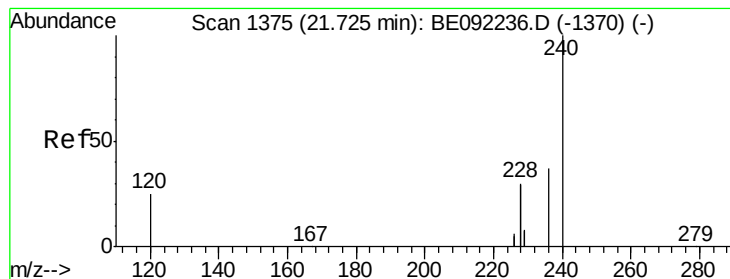
212 9.6 10.2 15.2#

122 7.4 15.9 23.9#



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: 0.41 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

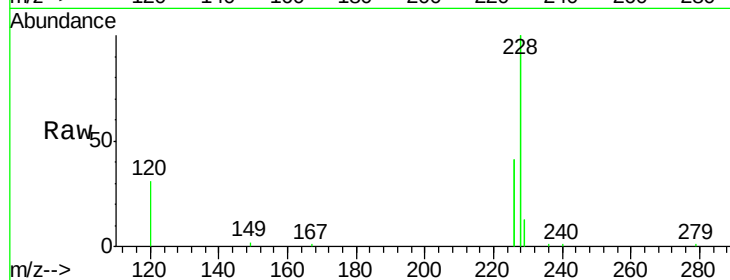
Tgt Ion:228 Resp: 41391

Ion Ratio Lower Upper

228 100

226 40.9 15.9 23.9#

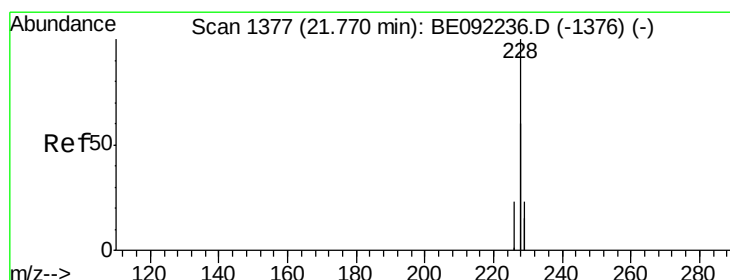
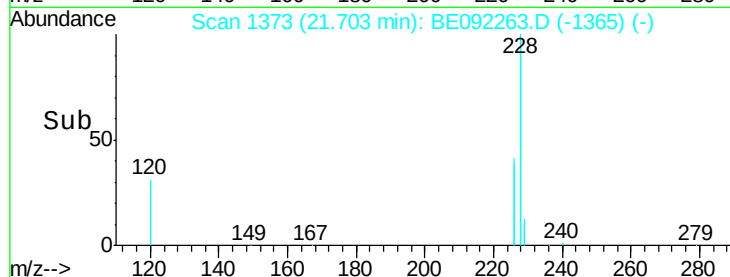
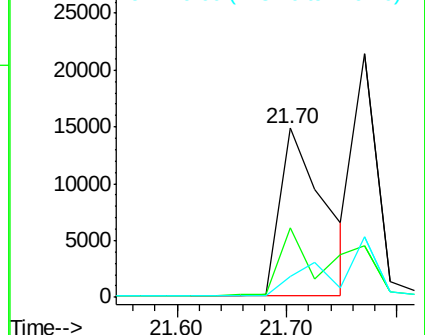
229 12.6 22.4 33.6#



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: 0.44 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

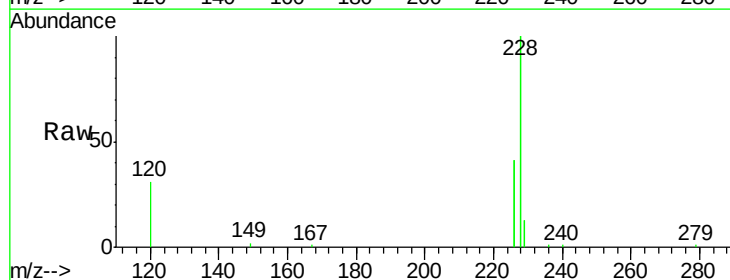
Tgt Ion:228 Resp: 41391

Ion Ratio Lower Upper

228 100

226 40.9 18.3 27.5#

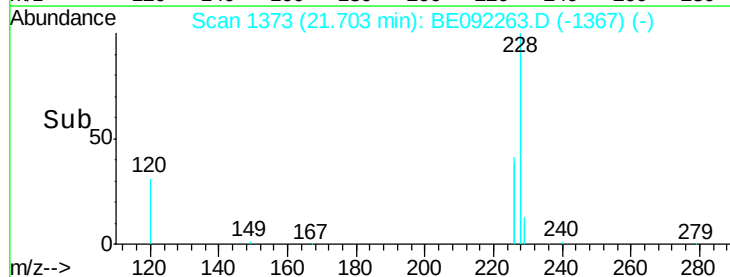
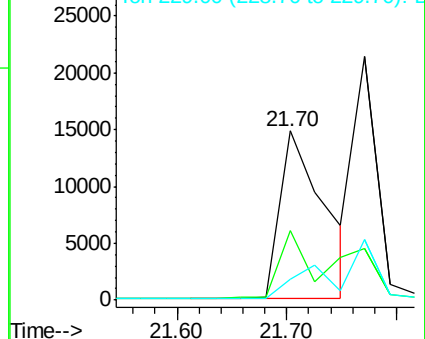
229 12.6 18.6 27.8#

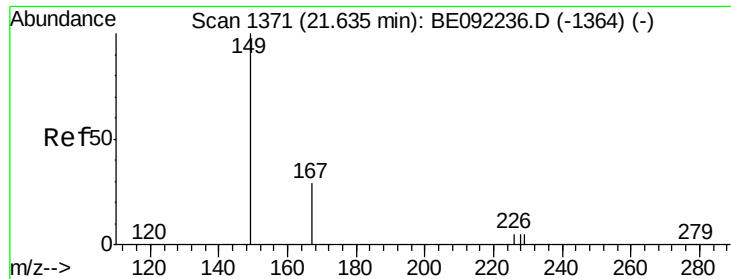


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.46 ng

RT: 21.64 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

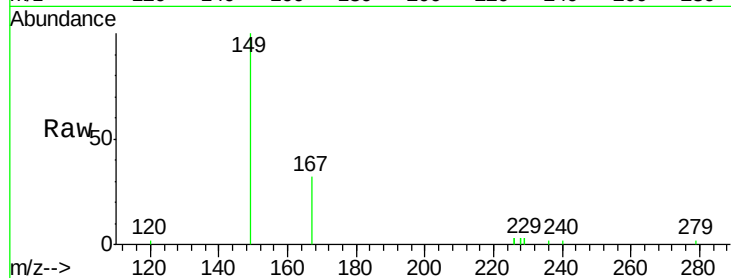
Tgt Ion:149 Resp: 4015

Ion Ratio Lower Upper

149 100

167 30.0 22.1 33.1

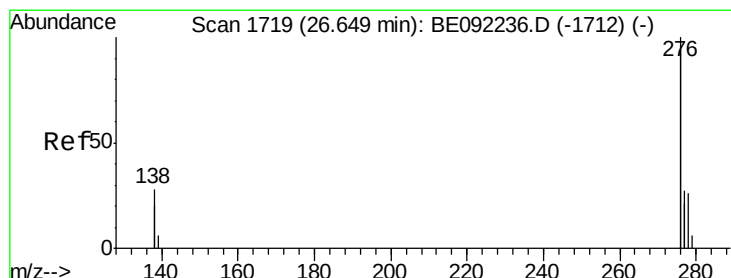
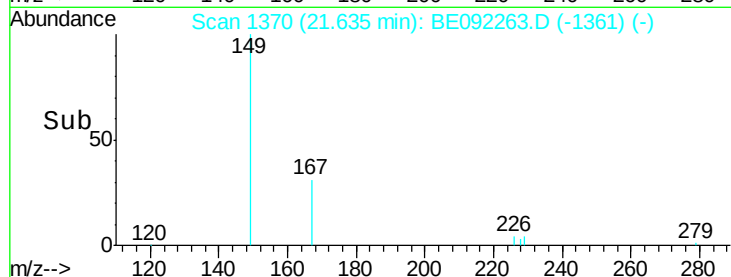
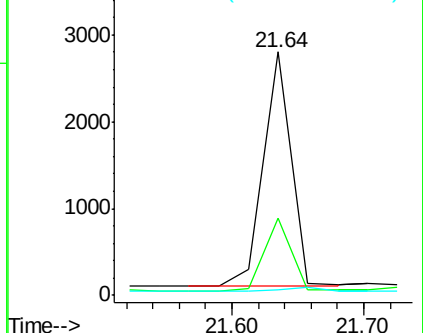
279 0.0 0.0 0.0



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: 0.39 ng

RT: 26.63 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

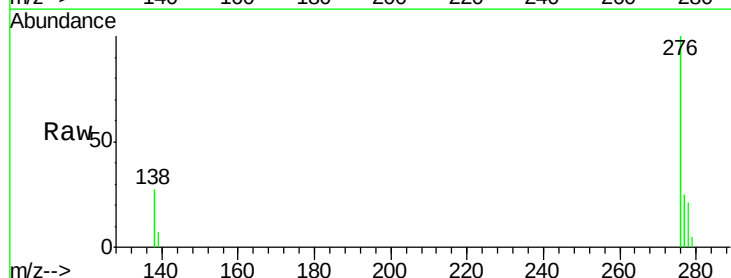
Tgt Ion:276 Resp: 38971

Ion Ratio Lower Upper

276 100

138 27.2 21.3 31.9

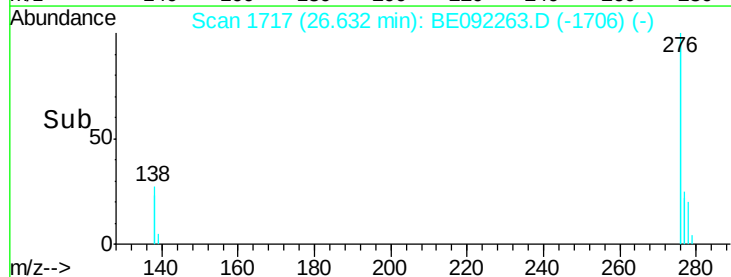
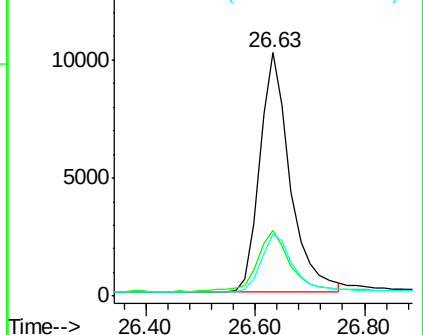
277 24.8 19.7 29.5

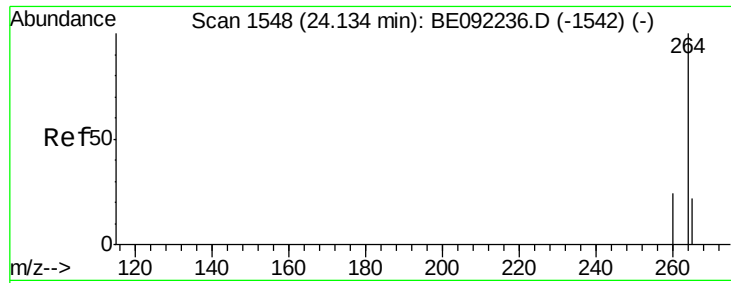


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

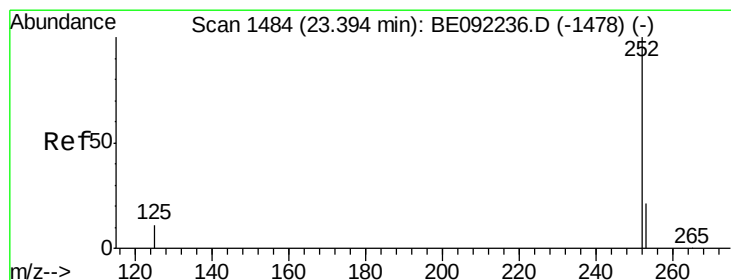
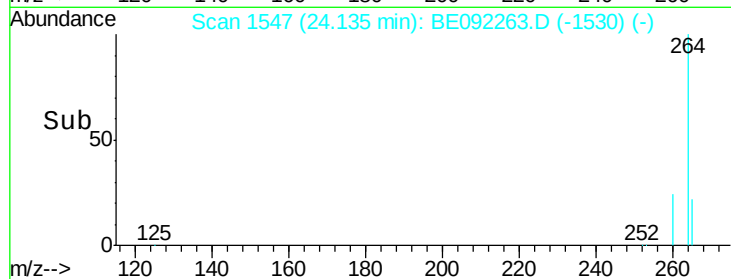
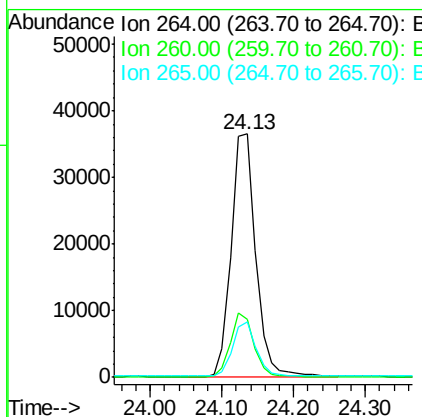
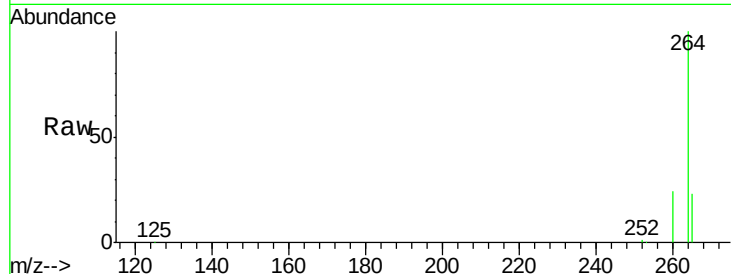




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BE092263.D
 Acq: 11 Aug 2016 12:46

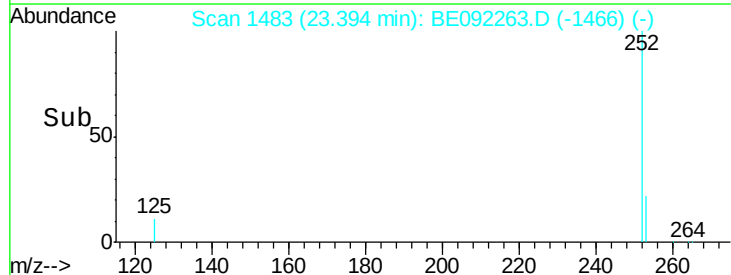
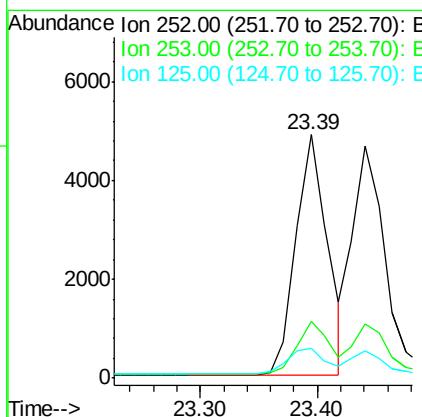
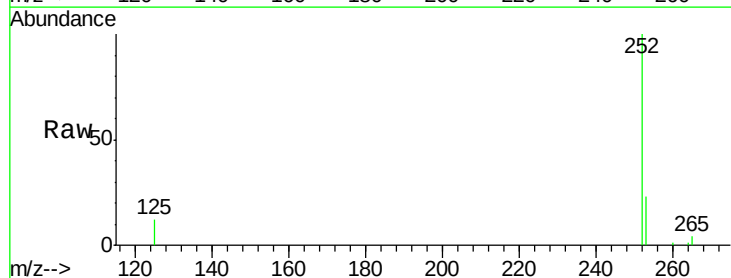
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

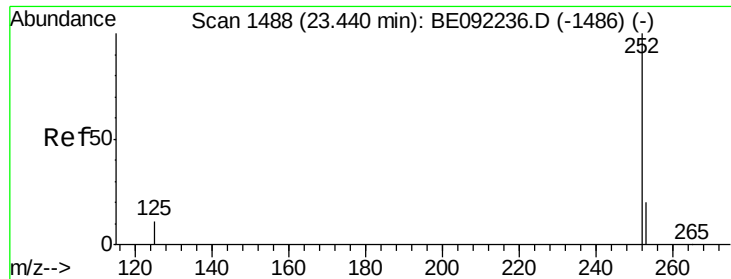
Tgt Ion: 264 Resp: 87534
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.6 18.2 27.4



#32
Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 23.39 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE092263.D
 Acq: 11 Aug 2016 12:46

Tgt Ion: 252 Resp: 9112
 Ion Ratio Lower Upper
 252 100
 253 23.2 19.0 28.4
 125 12.3 10.3 15.5





#33

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.44 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

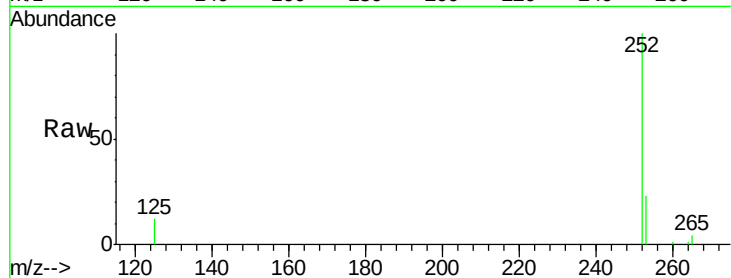
Tgt Ion:252 Resp: 9053

Ion Ratio Lower Upper

252 100

253 23.1 19.0 28.6

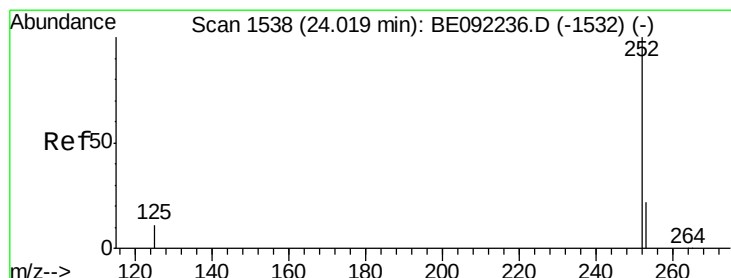
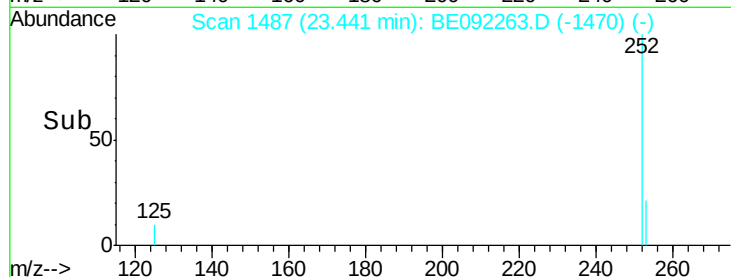
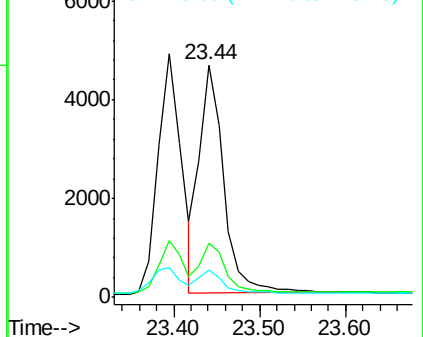
125 11.9 10.6 15.8



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: 0.40 ng

RT: 24.02 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE092263.D

Acq: 11 Aug 2016 12:46

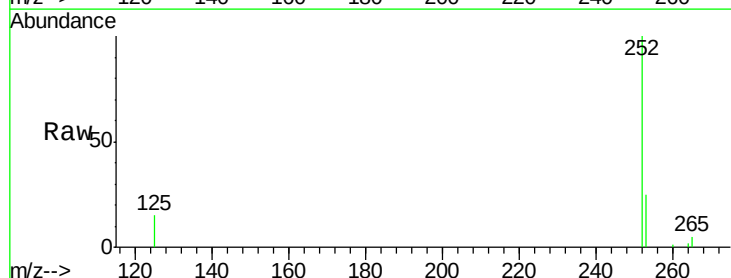
Tgt Ion:252 Resp: 8593

Ion Ratio Lower Upper

252 100

253 24.9 20.3 30.5

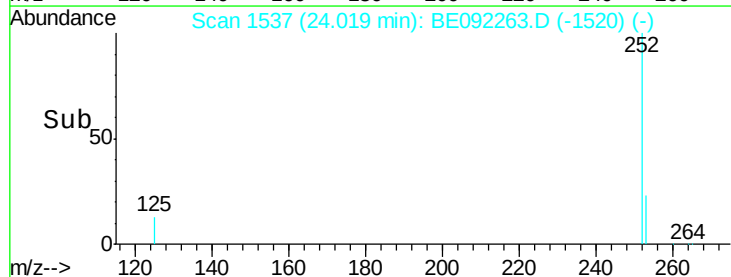
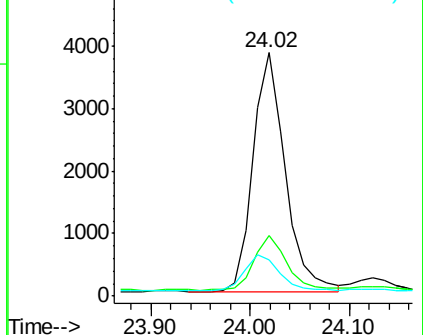
125 14.9 11.8 17.6

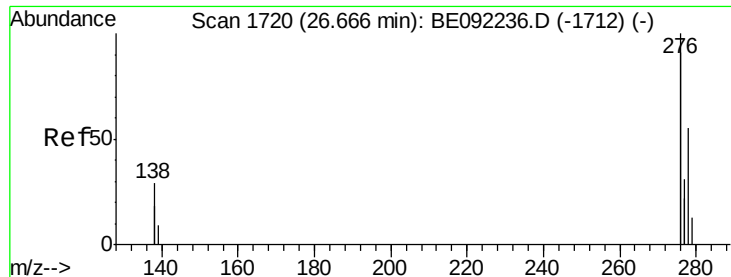


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



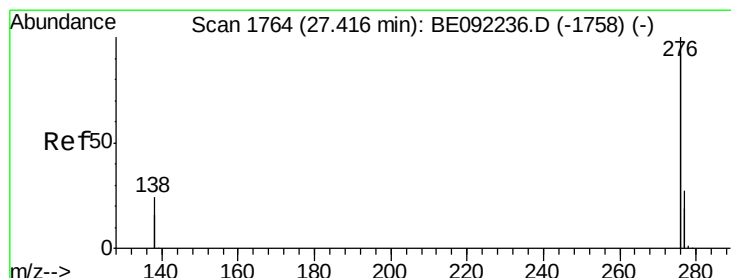
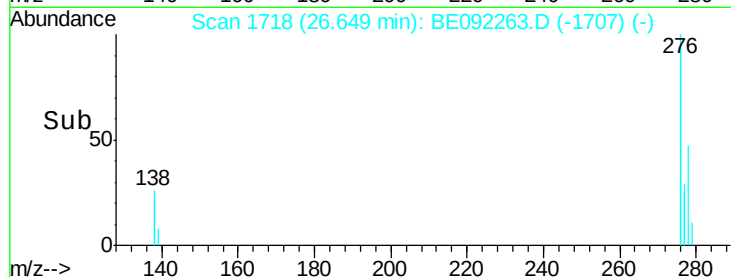
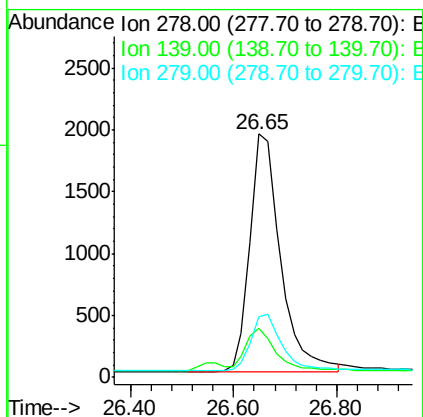
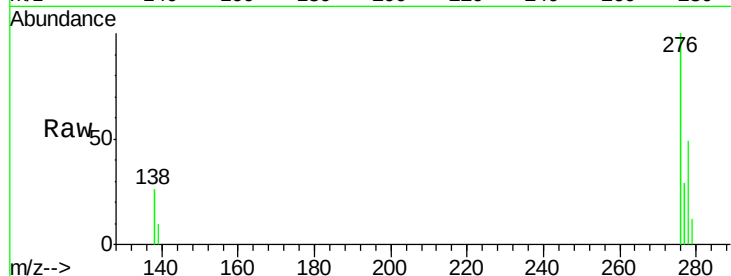


#35
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 26.65 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092263.D
Acq: 11 Aug 2016 12:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 278 Resp: 7913

Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.2	24.2
279	24.9	21.4	32.2



#36
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.40 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BE092263.D
Acq: 11 Aug 2016 12:46

Tgt Ion: 276 Resp: 33291

Ion	Ratio	Lower	Upper
276	100		
277	24.1	21.4	32.2
138	25.6	19.4	29.2

