

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111816\
 Data File : BE092563.D
 Acq On : 18 Nov 2016 12:07
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Nov 18 23:22:08 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	7622	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	38257	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	27501	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	65179	5.00	ng	0.00
24) Chrysene-d12	21.72	240	84748	5.00	ng	0.00
31) Perylene-d12	24.08	264	75209	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.68	112	525	0.41	ng	0.00
5) Phenol-d6	7.36	99	724	0.45	ng	0.00
8) Nitrobenzene-d5	9.36	82	825	0.41	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	253	0.41	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2646	0.39	ng	0.00
26) Terphenyl-d14	20.17	244	3934	0.41	ng	0.00

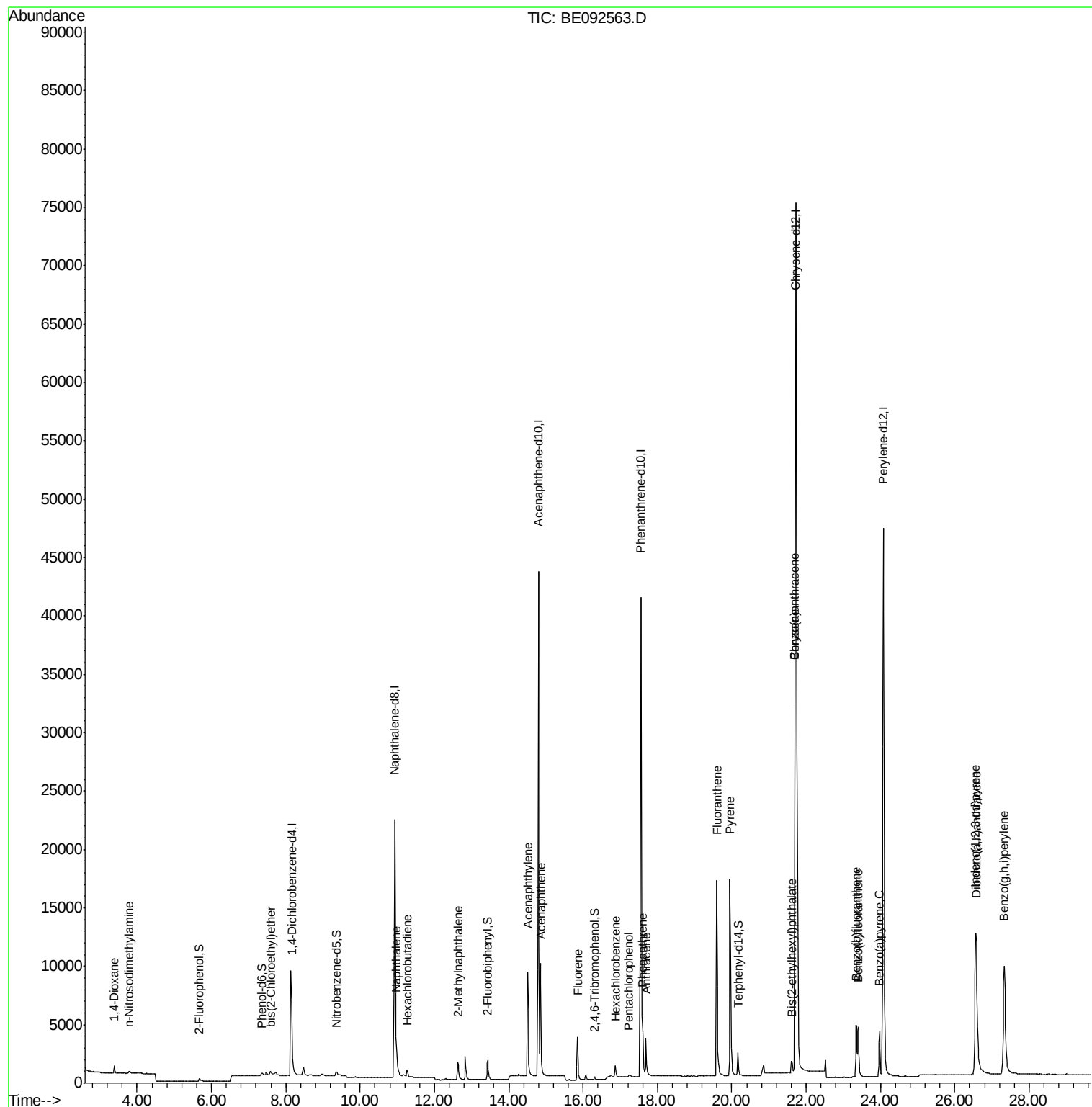
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	469	0.42	ng	97
3) n-Nitrosodimethylamine	3.78	42	386	0.47	ng	# 97
6) bis(2-Chloroethyl)ether	7.59	93	771	0.37	ng	# 81
9) Naphthalene	10.97	128	3132	0.40	ng	# 96
10) Hexachlorobutadiene	11.26	225	484	0.40	ng	99
11) 2-Methylnaphthalene	12.62	142	1985	0.39	ng	98
15) Acenaphthylene	14.51	152	14968	0.39	ng	99
16) Acenaphthene	14.87	154	2490	0.40	ng	97
17) Fluorene	15.86	166	3100	0.40	ng	99
19) Hexachlorobenzene	16.86	284	1086	0.42	ng	# 82
20) Pentachlorophenol	17.23	266	176	0.44	ng	94
21) Phenanthrene	17.60	178	5588	0.38	ng	# 74
22) Anthracene	17.69	178	5294	0.39	ng	99
23) Fluoranthene	19.59	202	26099	0.38	ng	99
25) Pyrene	19.95	202	27500	0.41	ng	99
27) Benzo(a)anthracene	21.70	228	61515	0.85	ng	99
28) Chrysene	21.70	228	61824	0.86	ng	# 79
29) Bis(2-ethylhexyl)phthalate	21.61	149	2004	0.48	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.56	276	31105	0.44	ng	97
32) Benzo(b)fluoranthene	23.35	252	7696	0.42	ng	99
33) Benzo(k)fluoranthene	23.41	252	6816	0.36	ng	99
34) Benzo(a)pyrene	23.97	252	6496	0.38	ng	99
35) Dibenzo(a,h)anthracene	26.58	278	6303	0.38	ng	# 94
36) Benzo(g,h,i)perylene	27.33	276	26861	0.38	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

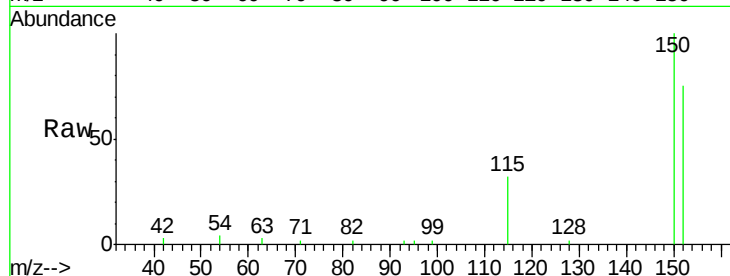
Tgt Ion: 152 Resp: 7622

Ion Ratio Lower Upper

152 100

150 134.2 106.0 159.0

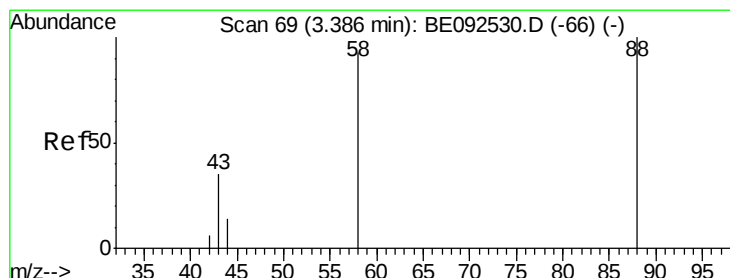
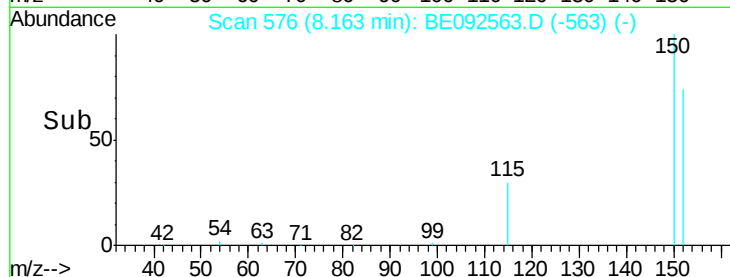
115 42.4 31.2 46.8



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: 0.42 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

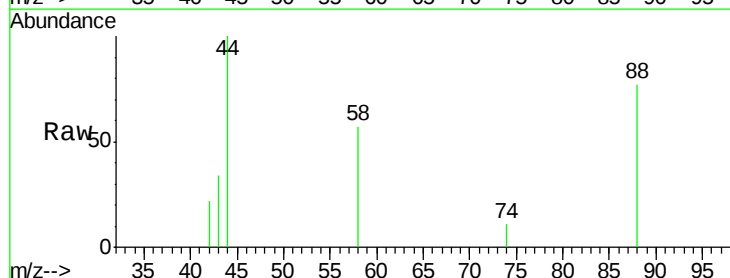
Tgt Ion: 88 Resp: 469

Ion Ratio Lower Upper

88 100

58 76.5 63.6 95.4

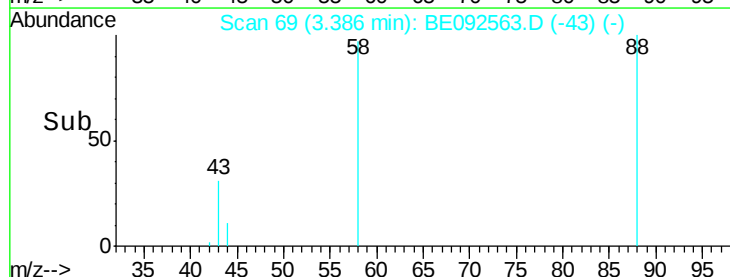
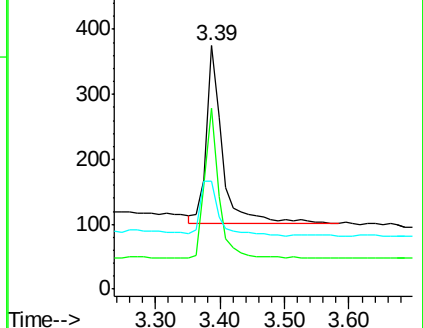
43 36.2 28.0 42.0

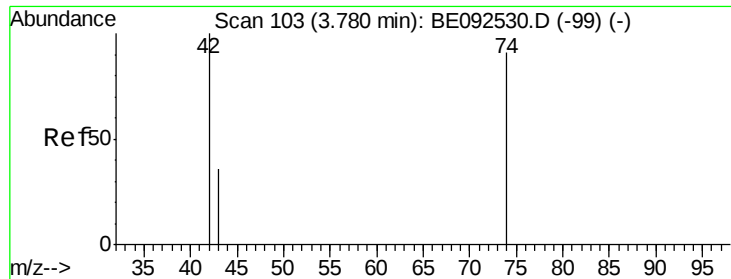


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: 3.78 min Scan# 103

Delta R.T. 0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

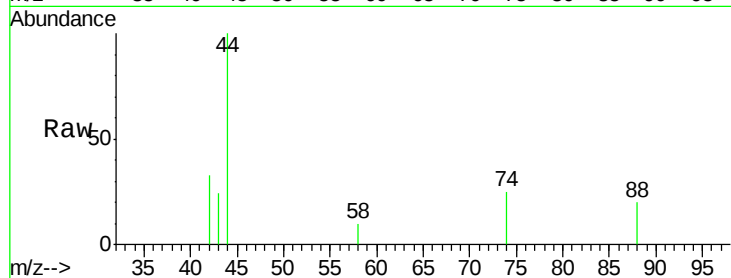
Tgt Ion: 42 Resp: 386

Ion Ratio Lower Upper

42 100

74 104.1 86.0 129.0

44 7.8 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

600

500

400

300

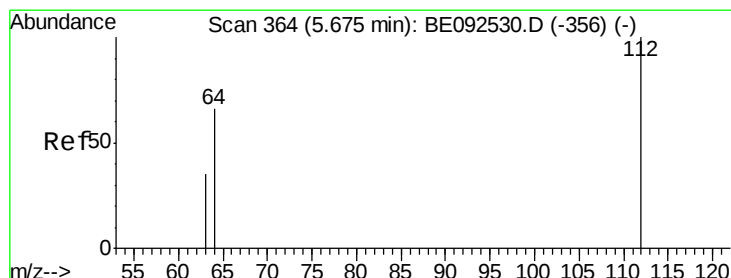
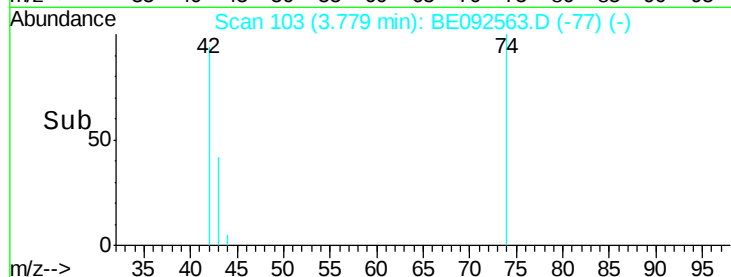
200

100

0

3.70 3.80 3.90 4.00

Time-->



#4

2-Fluorophenol

Concen: 0.41 ng

RT: 5.68 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

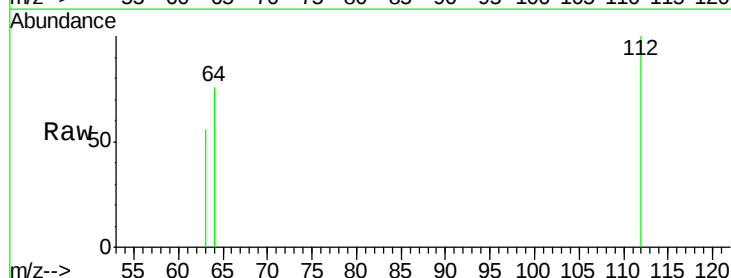
Tgt Ion: 112 Resp: 525

Ion Ratio Lower Upper

112 100

64 68.6 53.5 80.3

63 36.4 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

200

150

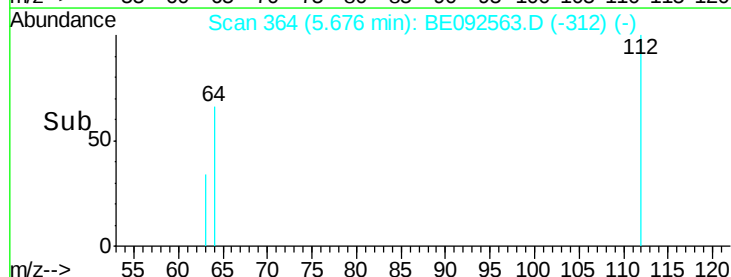
100

50

0

5.60 5.70 5.80 5.90

Time-->





#5

Phenol-d6

Concen: 0.45 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

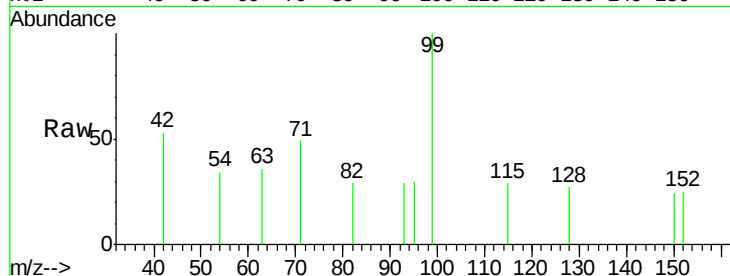
Tgt Ion: 99 Resp: 724

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

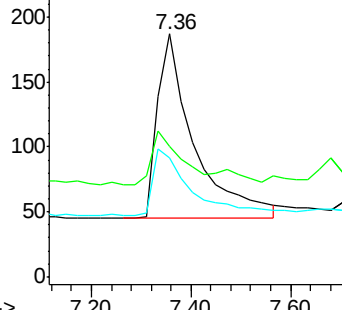
71 0.0 30.6 45.8#



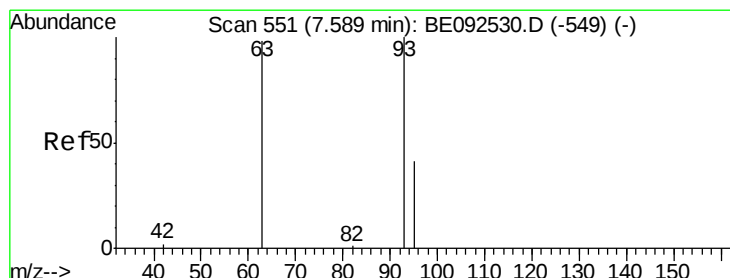
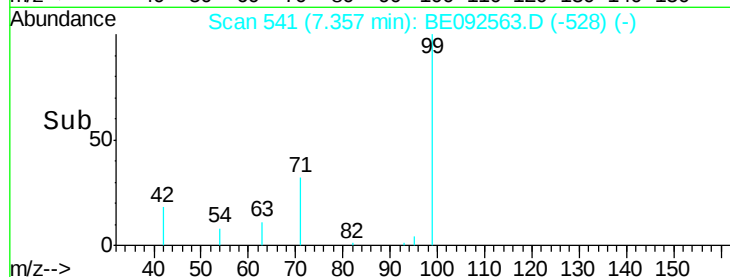
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

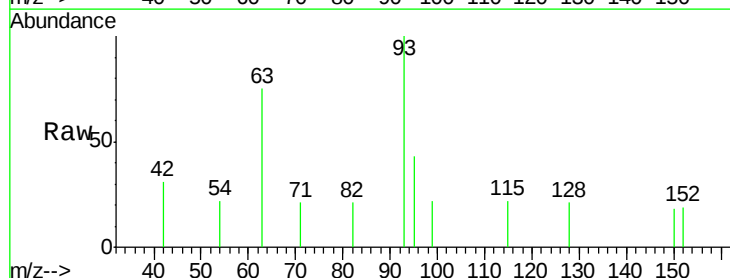
Tgt Ion: 93 Resp: 771

Ion Ratio Lower Upper

93 100

63 66.5 71.6 107.4#

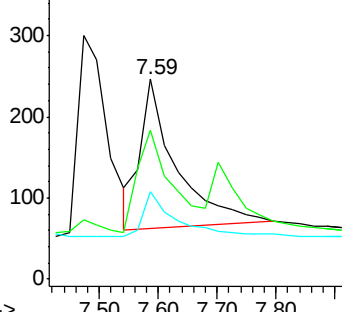
95 28.0 24.0 36.0



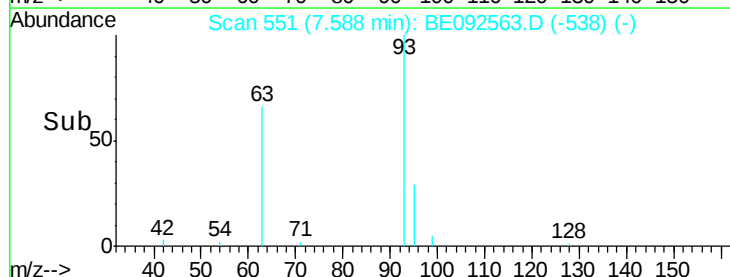
Abundance Ion 93.00 (92.70 to 93.70): BE0

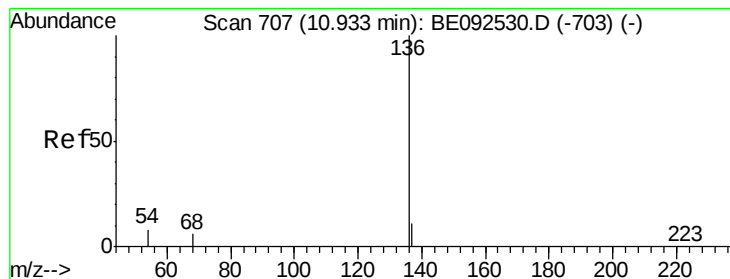
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

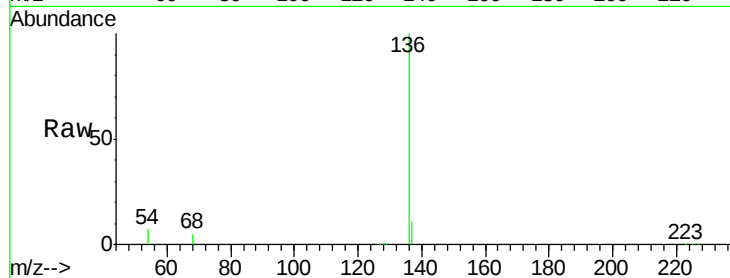
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	136	Resp:	38257
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	7.4	9.6	14.4#
68	5.4	6.7	10.1#

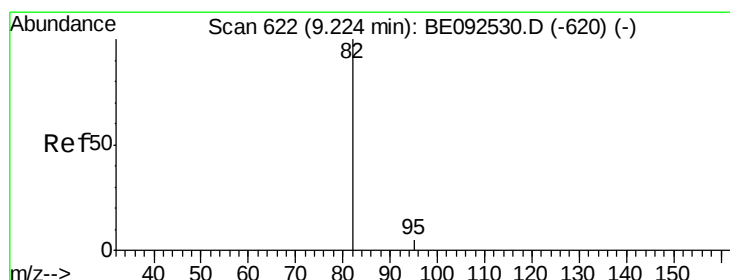
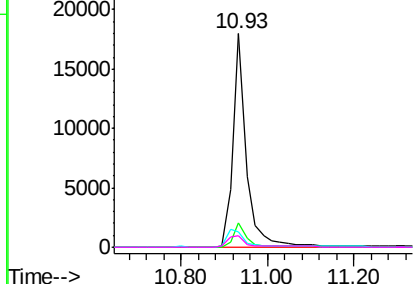
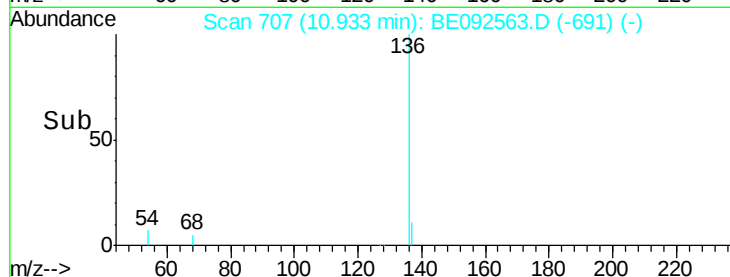


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.41 ng

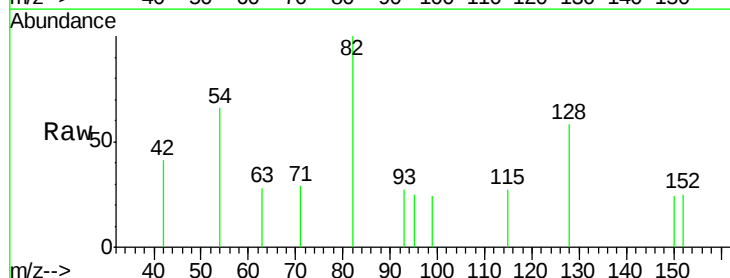
RT: 9.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

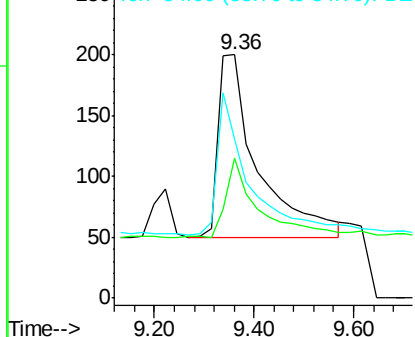
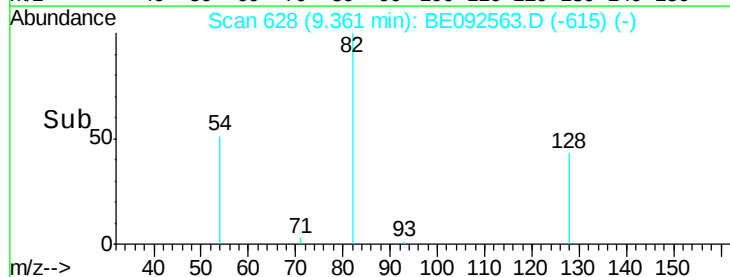
Tgt Ion:	82	Resp:	825
Ion	Ratio	Lower	Upper
82	100		
128	57.5	39.0	58.4
54	65.5	44.8	67.2

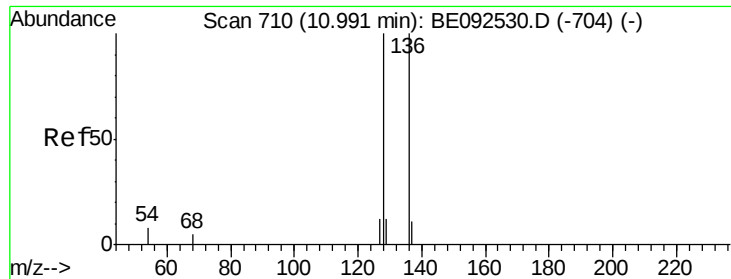


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Instrument :

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ClientSampleId :

SSTDCCC0.4

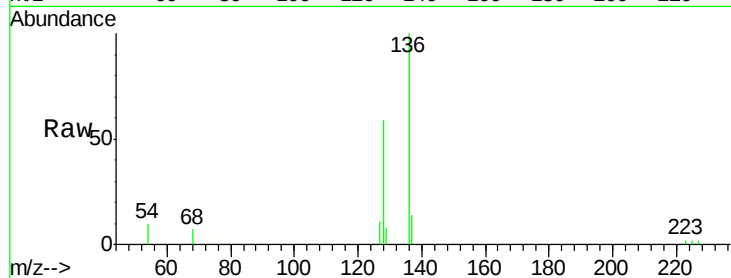
Tgt Ion:128 Resp: 3132

Ion Ratio Lower Upper

128 100

129 14.1 11.2 16.8

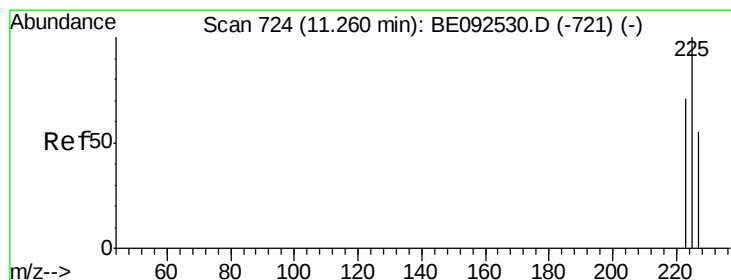
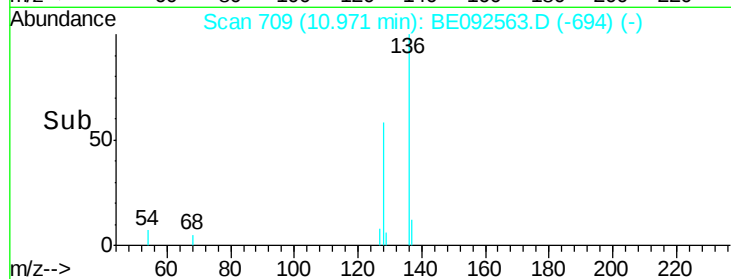
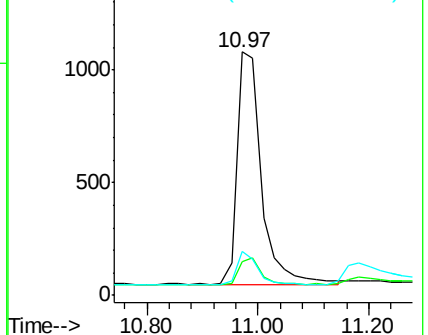
127 17.9 11.6 17.4#



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: 0.40 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

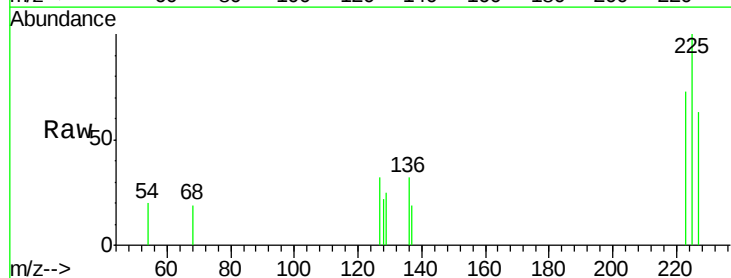
Tgt Ion:225 Resp: 484

Ion Ratio Lower Upper

225 100

223 64.5 50.6 76.0

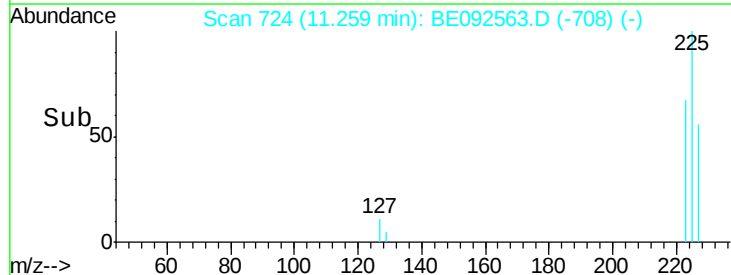
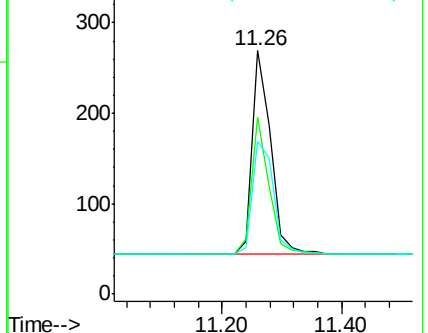
227 63.6 51.4 77.0



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: 12.62 min Scan# 814

Delta R.T. -0.01 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Instrument :

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ClientSampleId :

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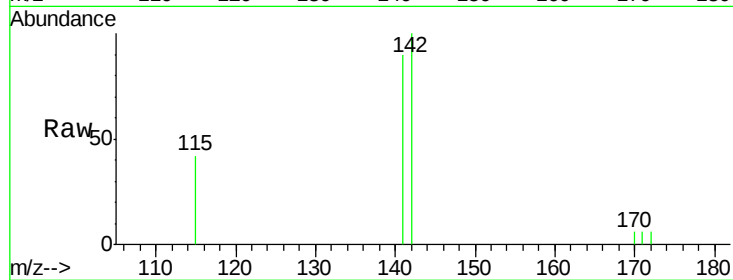
Tgt Ion:142 Resp: 1985

Ion Ratio Lower Upper

142 100

141 90.4 73.7 110.5

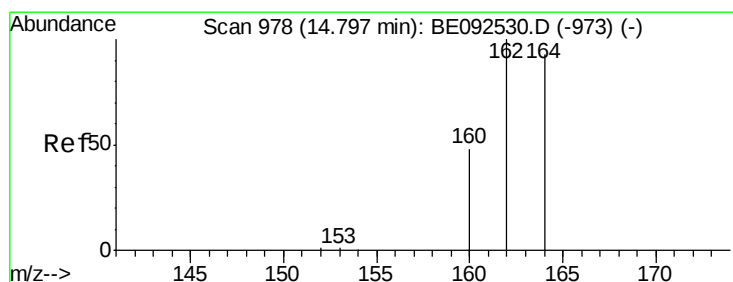
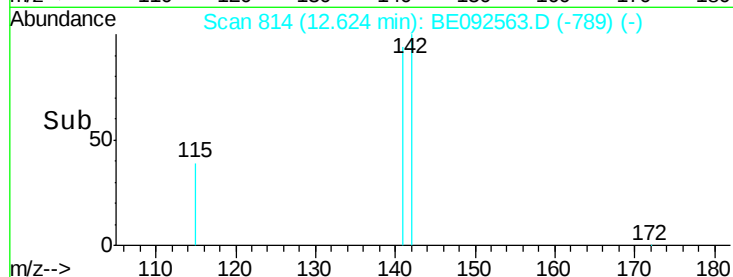
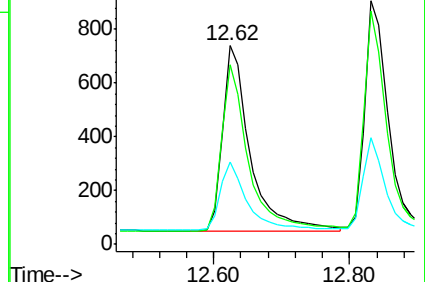
115 41.6 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

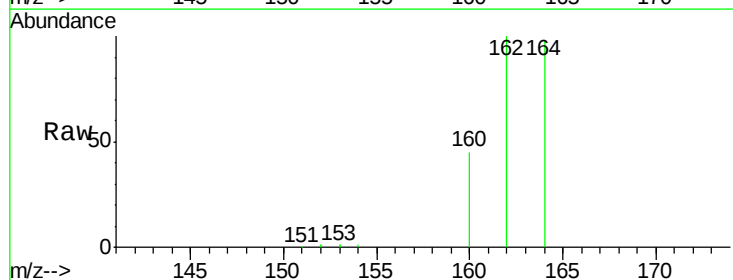
Tgt Ion:164 Resp: 27501

Ion Ratio Lower Upper

164 100

162 102.1 71.4 107.0

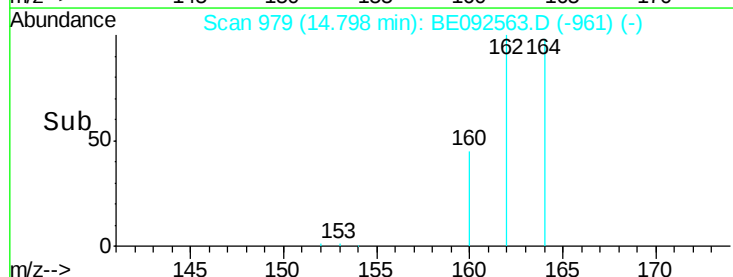
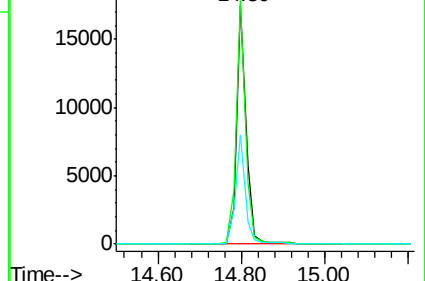
160 45.8 27.4 41.2#

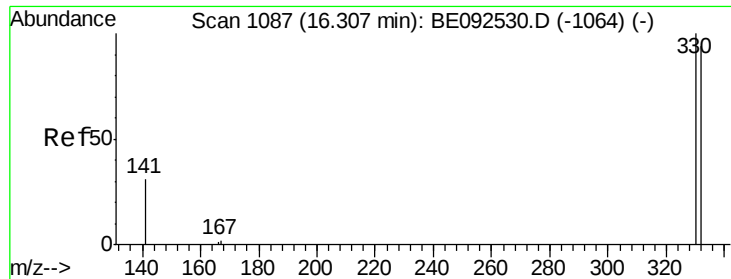


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

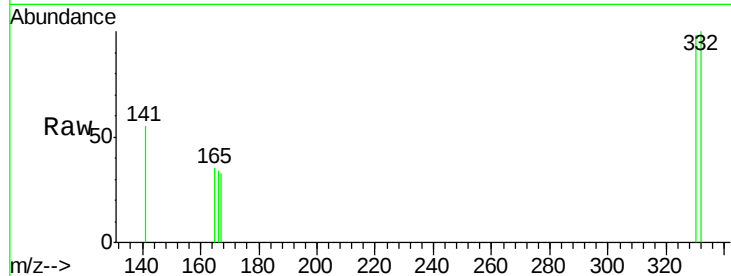




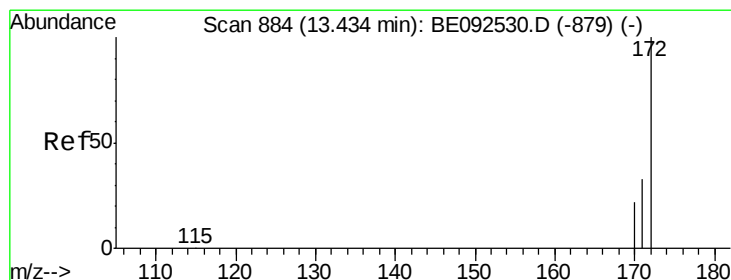
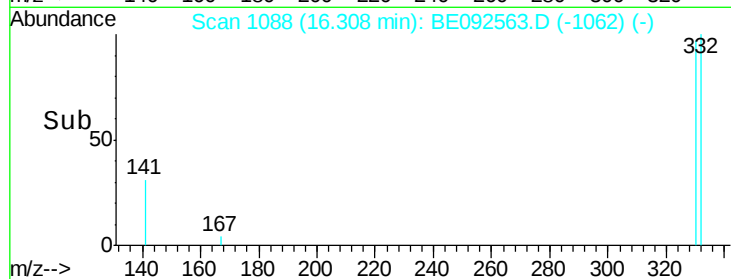
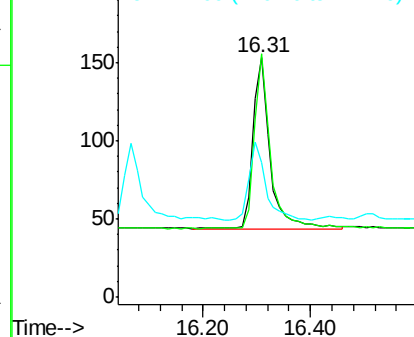
#13
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092563.D
 Acq: 18 Nov 2016 12:07

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 330 Resp: 253
 Ion Ratio Lower Upper
 330 100
 332 98.4 75.4 113.0
 141 42.7 31.0 46.6

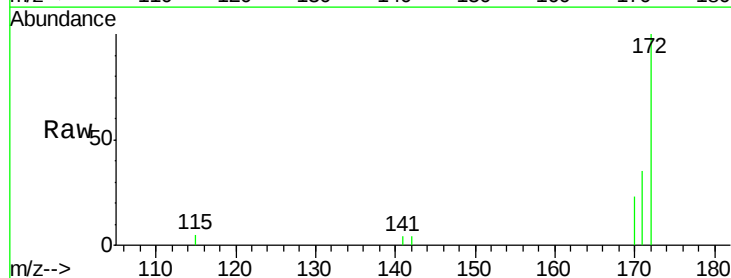


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

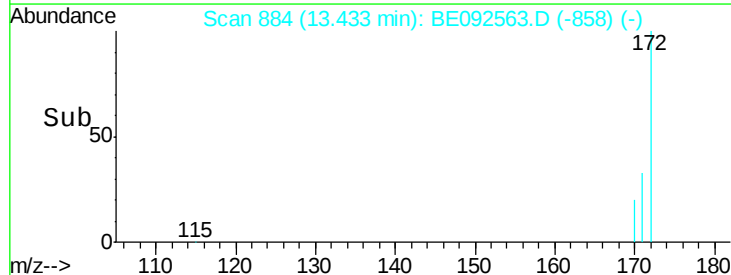
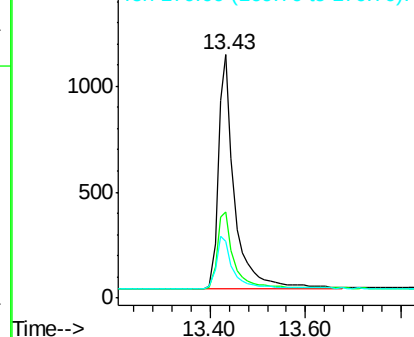


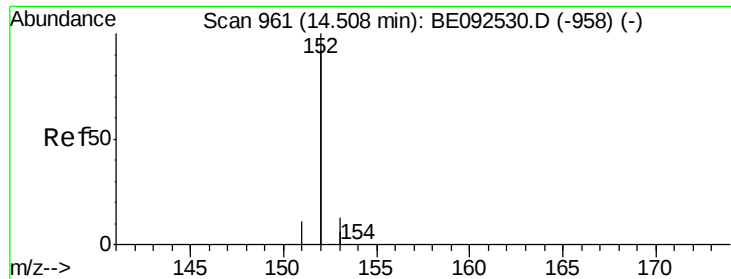
#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BE092563.D
 Acq: 18 Nov 2016 12:07

Tgt Ion: 172 Resp: 2646
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.1 45.1
 170 23.4 21.8 32.6



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





#15

Acenaphthylene

Concen: 0.39 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

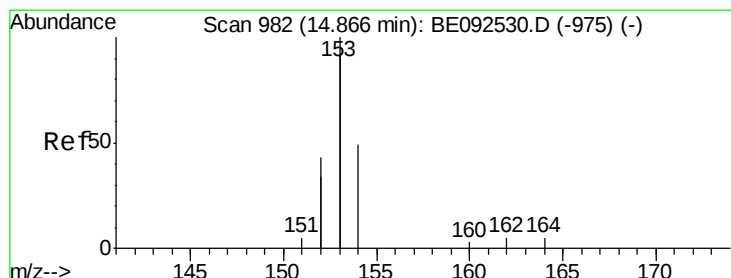
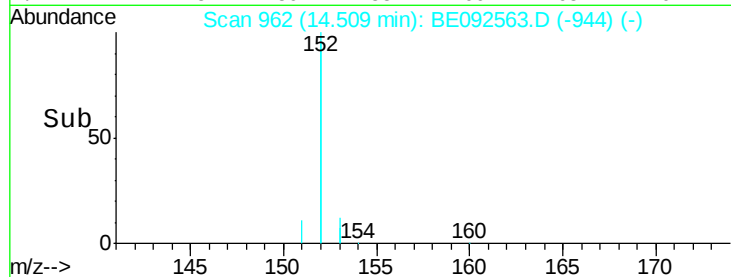
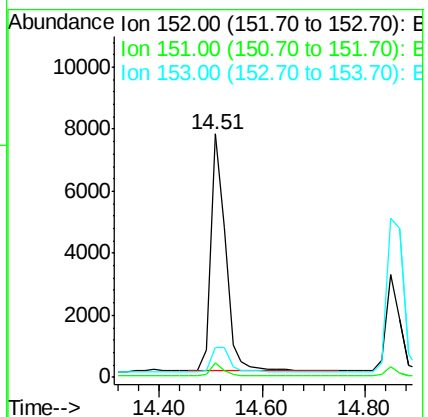
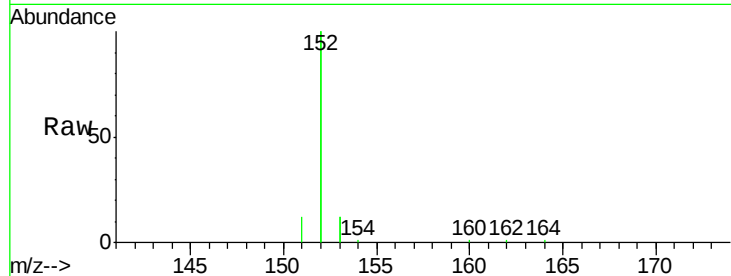
Tgt Ion:152 Resp: 14968

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 12.7 10.4 15.6



#16

Acenaphthene

Concen: 0.40 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

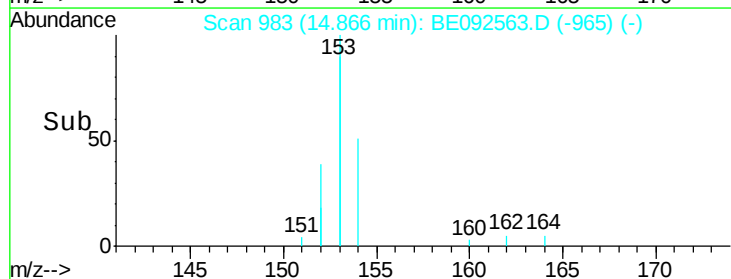
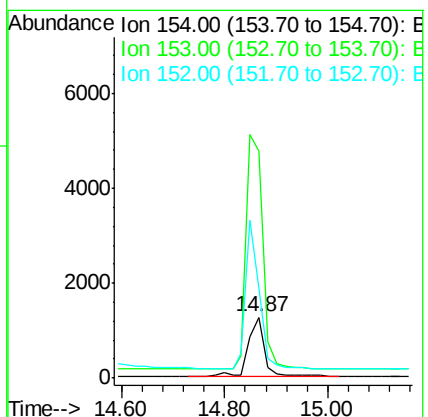
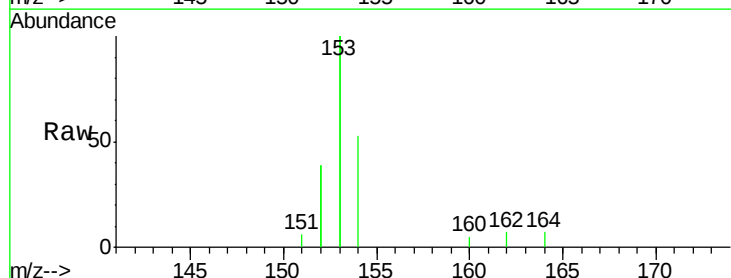
Tgt Ion:154 Resp: 2490

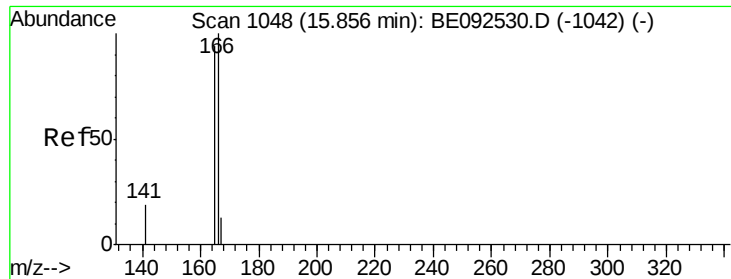
Ion Ratio Lower Upper

154 100

153 439.3 350.8 526.2

152 227.7 171.1 256.7

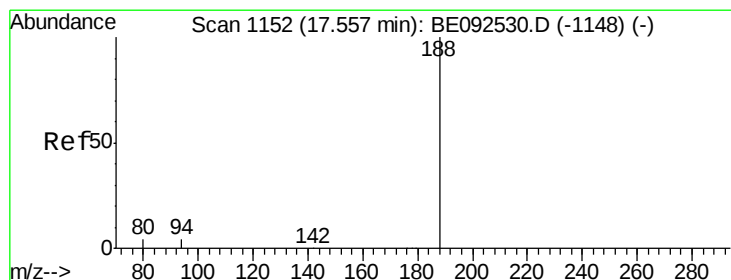
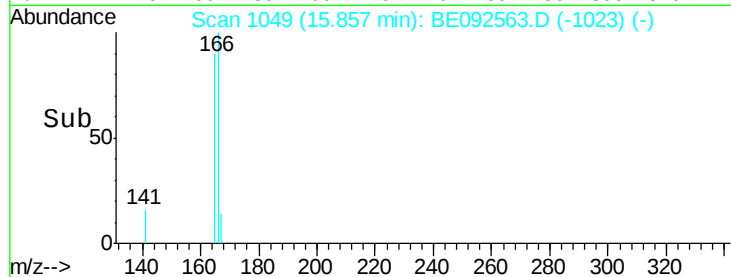
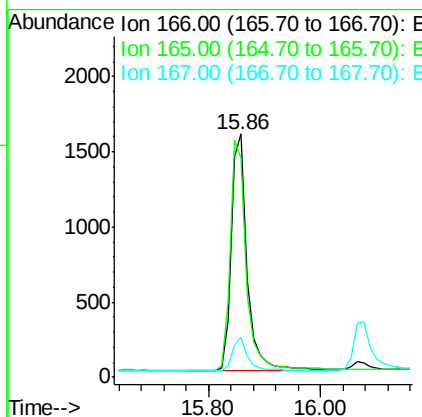
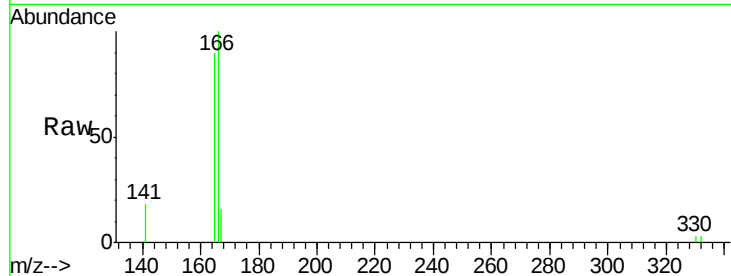




#17
Fluorene
 Concen: 0.40 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BE092563.D
 Acq: 18 Nov 2016 12:07

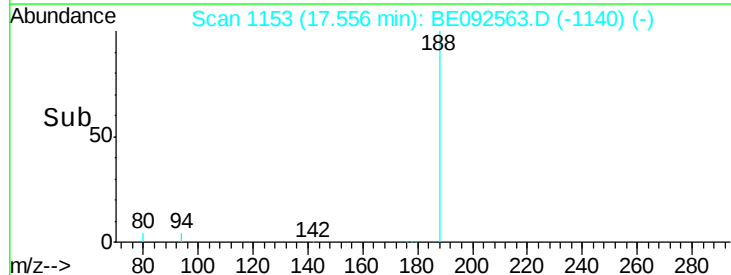
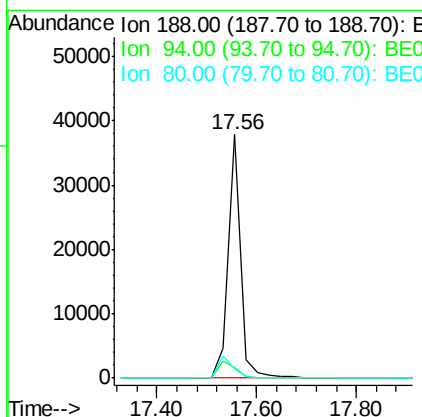
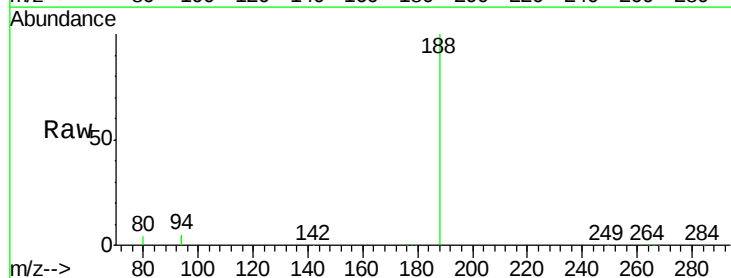
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:166 Resp: 3100
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.2 117.4
 167 13.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092563.D
 Acq: 18 Nov 2016 12:07

Tgt Ion:188 Resp: 65179
 Ion Ratio Lower Upper
 188 100
 94 4.5 3.2 4.8
 80 4.0 2.6 3.8#

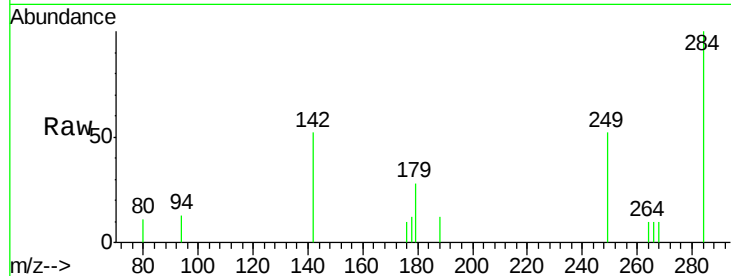




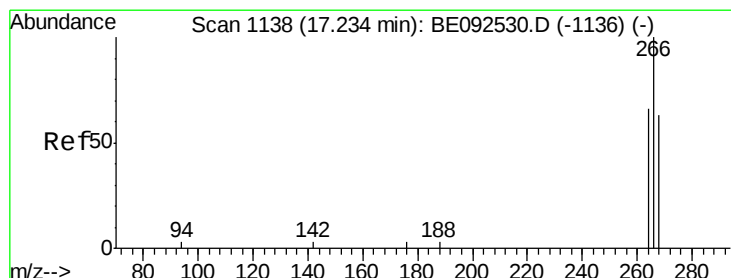
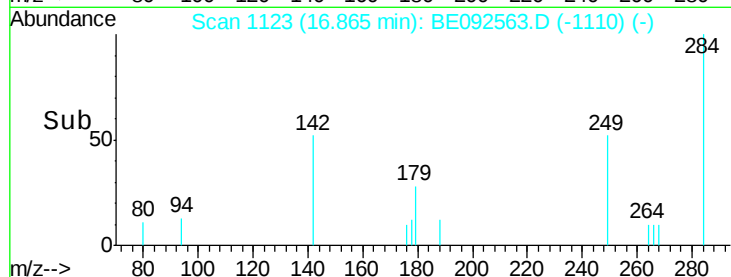
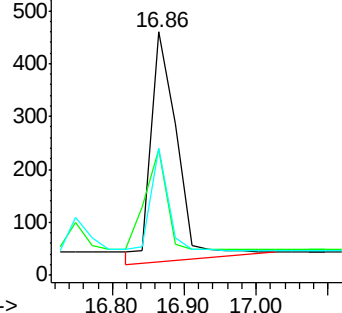
#19
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092563.D
Acq: 18 Nov 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1086
Ion Ratio Lower Upper
284 100
142 46.2 29.1 43.7#
249 46.6 27.9 41.9#

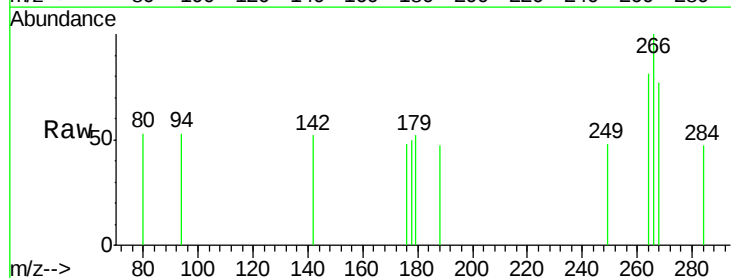


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

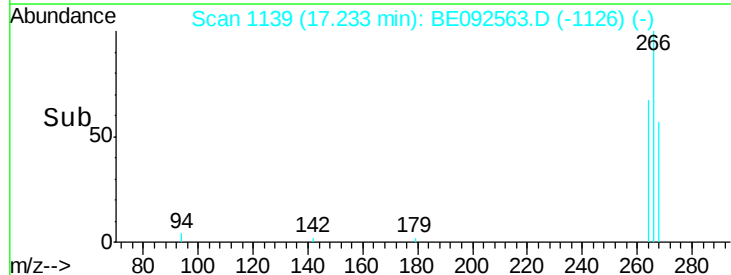
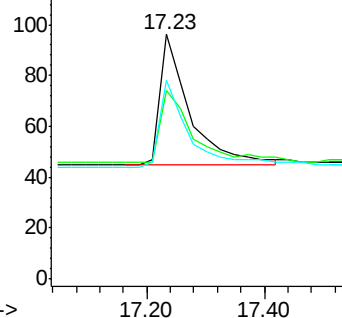


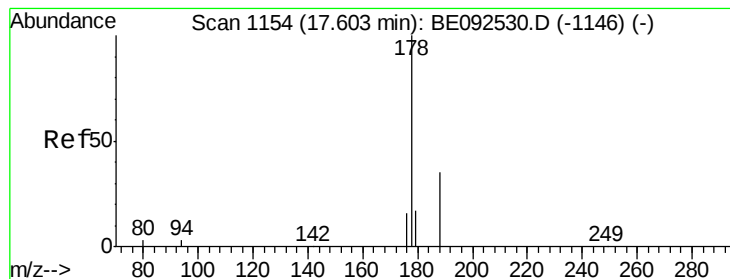
#20
Pentachlorophenol
Concen: 0.44 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092563.D
Acq: 18 Nov 2016 12:07

Tgt Ion:266 Resp: 176
Ion Ratio Lower Upper
266 100
268 77.1 62.5 93.7
264 81.3 57.2 85.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.38 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

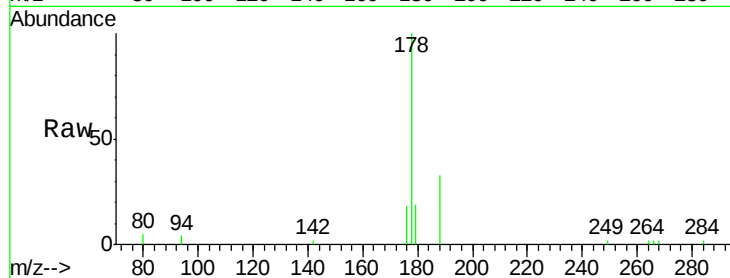
Tgt Ion:178 Resp: 5588

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

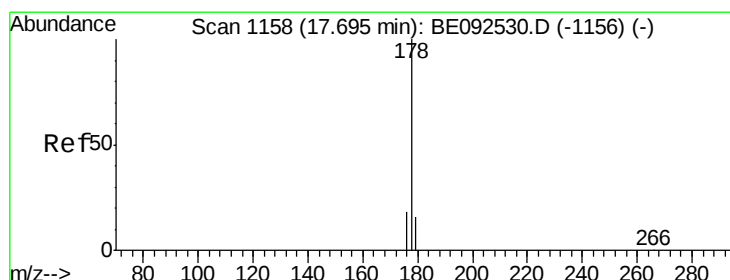
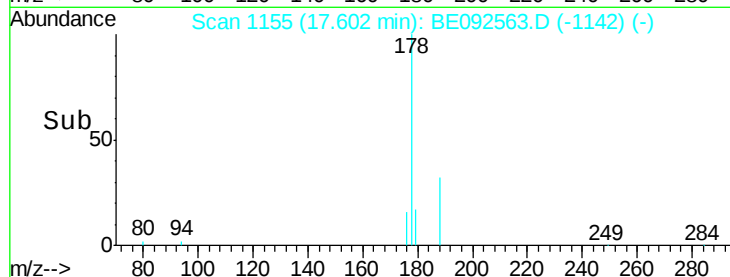
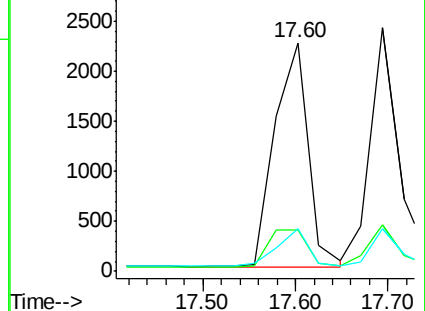
179 15.9 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 0.39 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

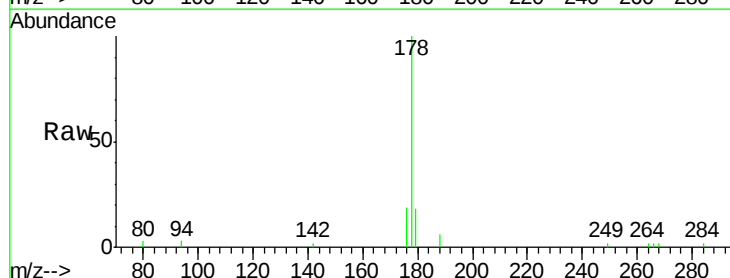
Tgt Ion:178 Resp: 5294

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

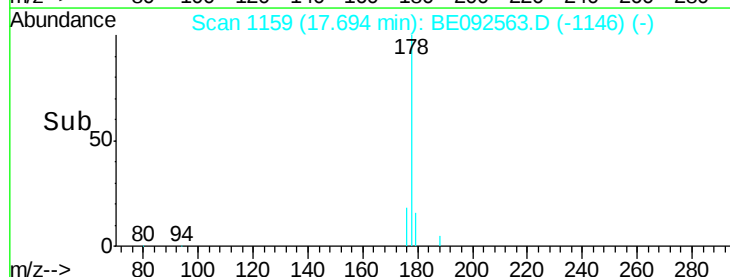
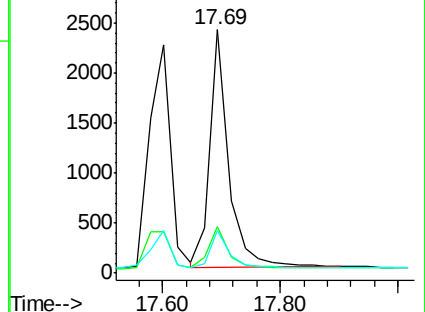
179 15.6 12.2 18.2

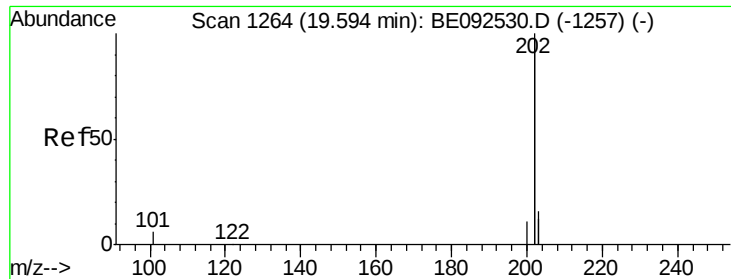


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.38 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

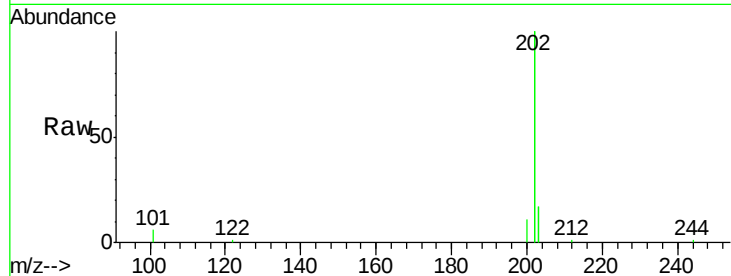
Tgt Ion:202 Resp: 26099

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

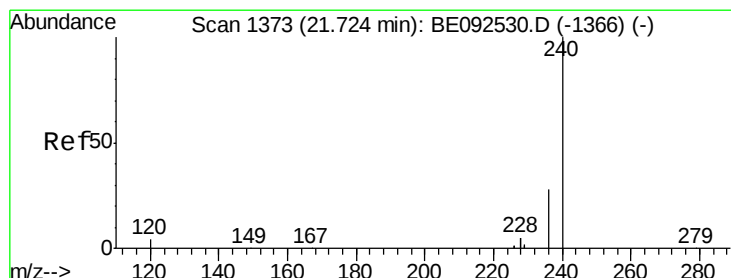
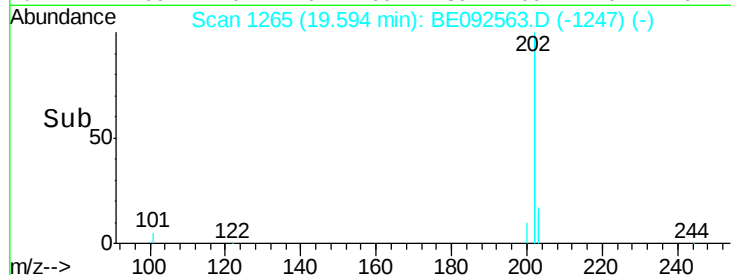
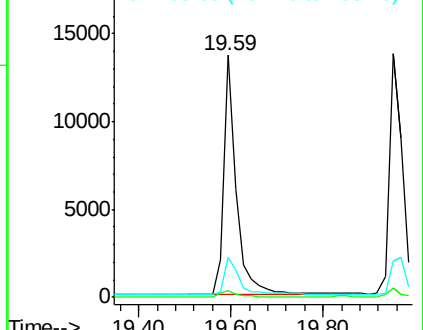
203 17.6 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

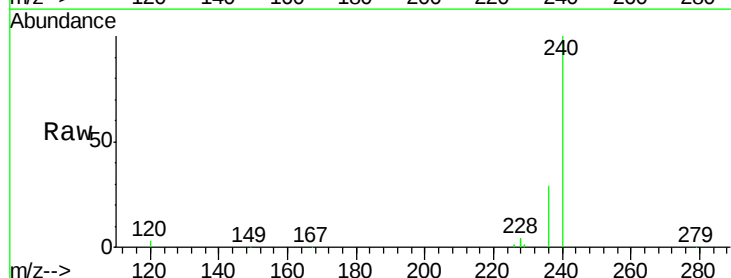
Tgt Ion:240 Resp: 84748

Ion Ratio Lower Upper

240 100

120 3.5 2.6 4.0

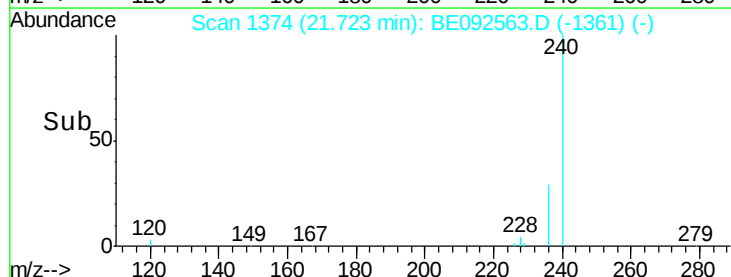
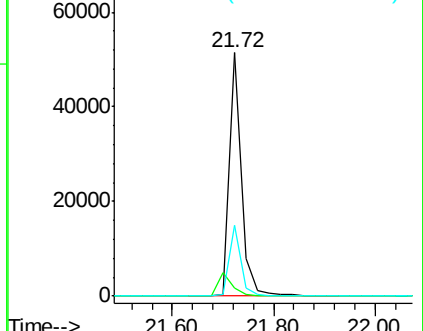
236 29.0 24.6 37.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

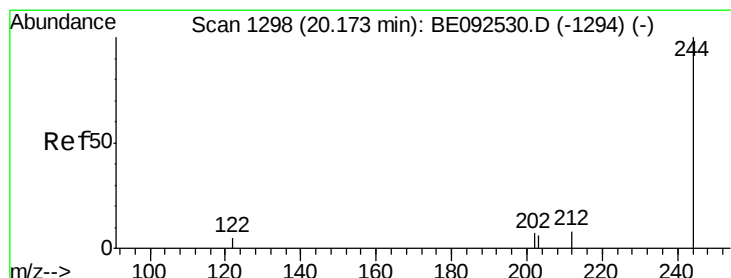
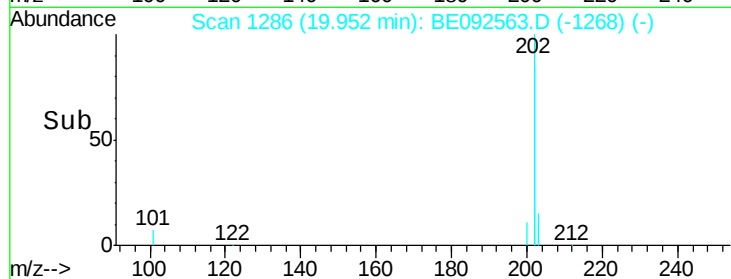
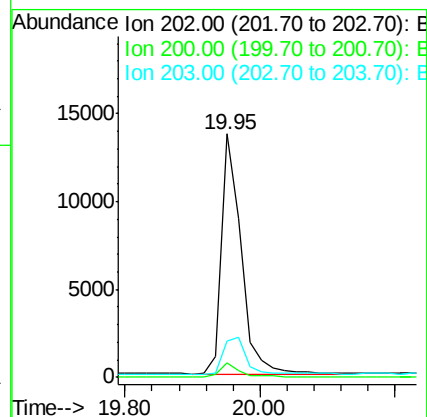
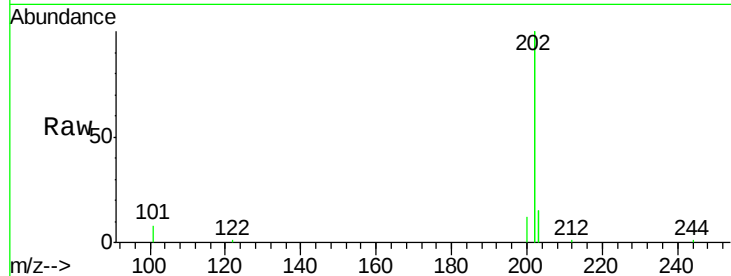




#25
 Pyrene
 Concen: 0.41 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BE092563.D
 Acq: 18 Nov 2016 12:07

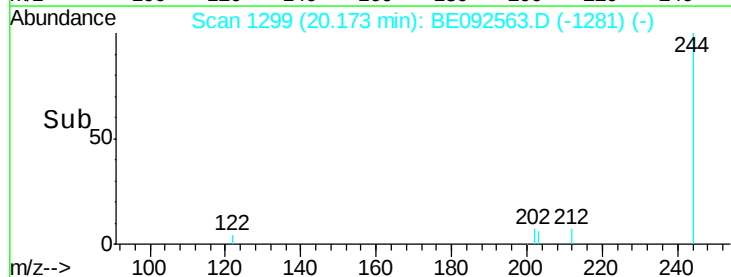
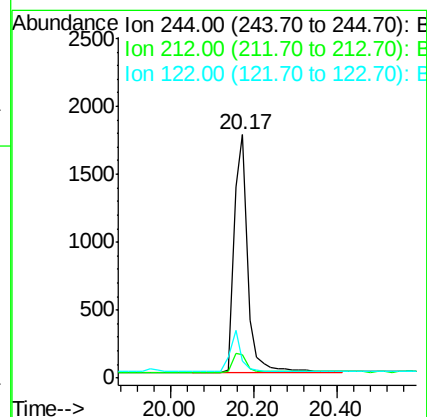
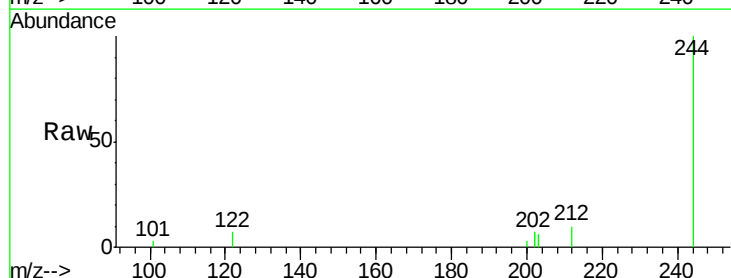
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

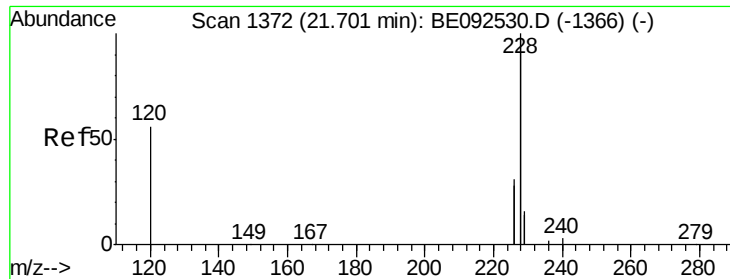
Tgt Ion: 202 Resp: 27500
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.8 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.41 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BE092563.D
 Acq: 18 Nov 2016 12:07

Tgt Ion: 244 Resp: 3934
 Ion Ratio Lower Upper
 244 100
 212 9.6 6.7 10.1
 122 6.9 3.6 5.4#

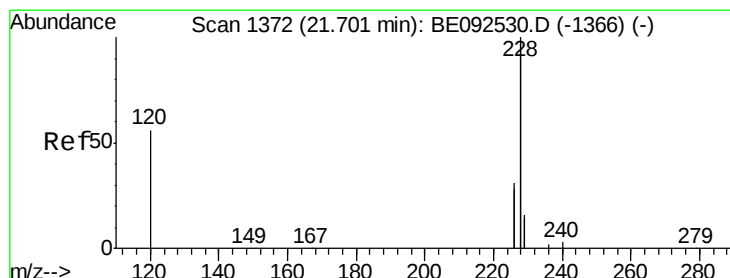
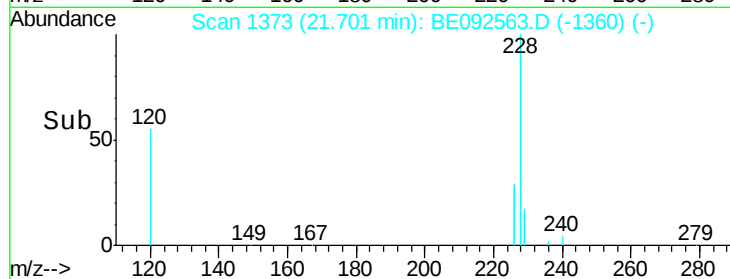
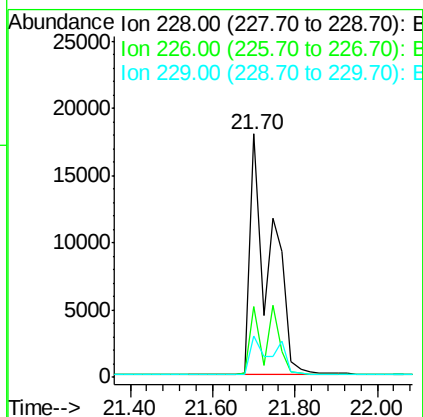
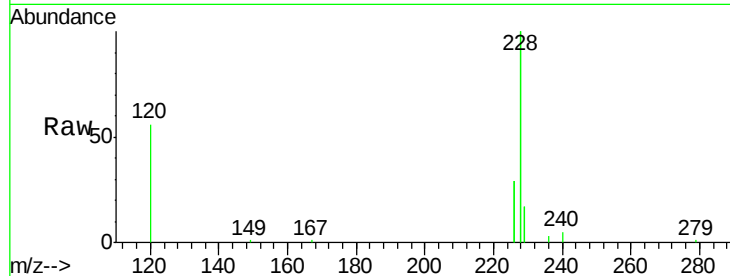




#27
Benzo(a)anthracene
Concen: 0.85 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092563.D
Acq: 18 Nov 2016 12:07

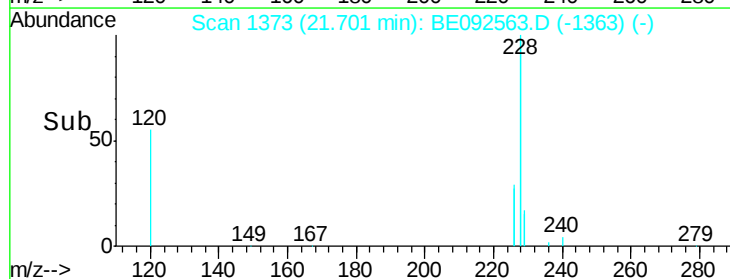
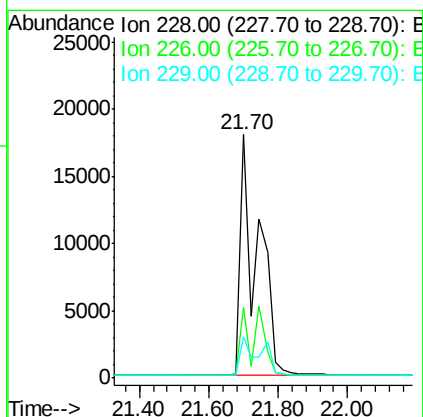
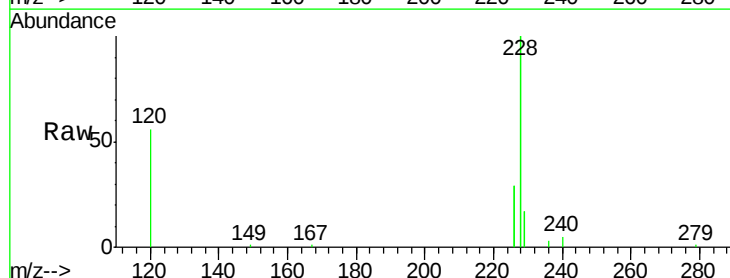
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 61515
Ion Ratio Lower Upper
228 100
226 29.0 23.6 35.4
229 16.9 13.3 19.9



#28
Chrysene
Concen: 0.86 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092563.D
Acq: 18 Nov 2016 12:07

Tgt Ion:228 Resp: 61824
Ion Ratio Lower Upper
228 100
226 29.0 36.3 54.5#
229 16.9 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.48 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

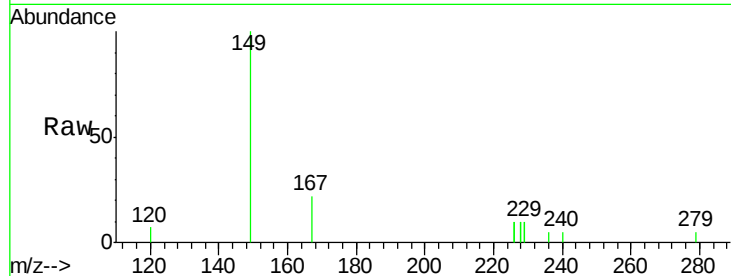
Tgt Ion:149 Resp: 2004

Ion Ratio Lower Upper

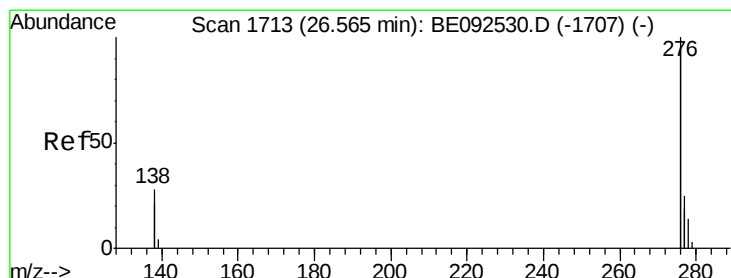
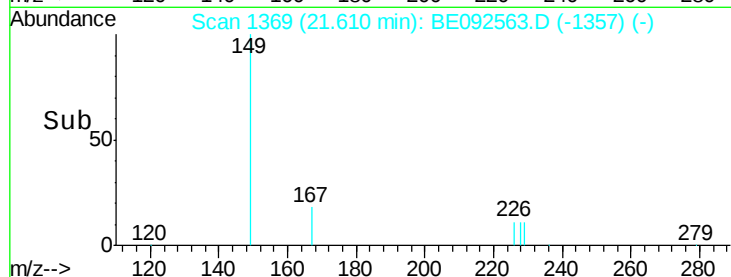
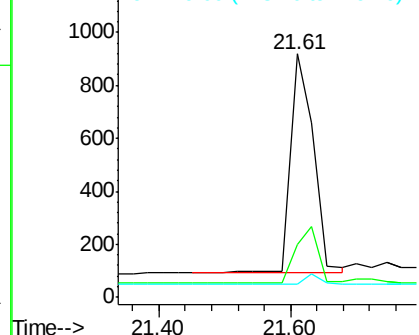
149 100

167 0.0 16.0 24.0#

279 0.0 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: 0.44 ng

RT: 26.56 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

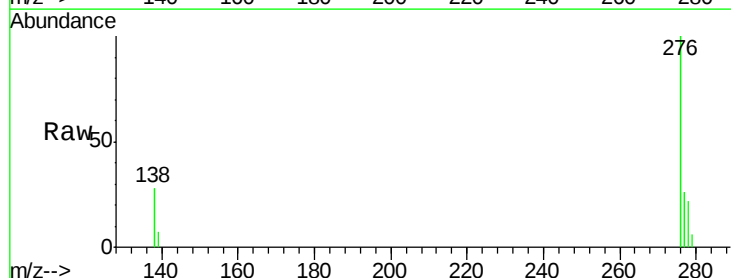
Tgt Ion:276 Resp: 31105

Ion Ratio Lower Upper

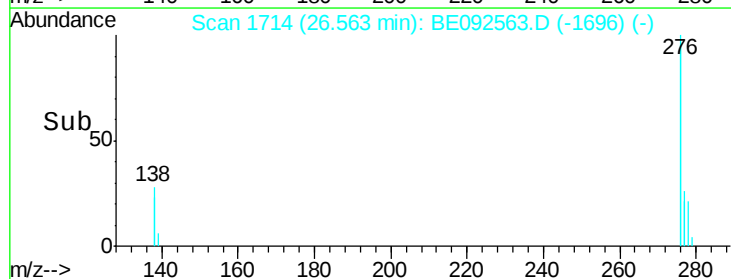
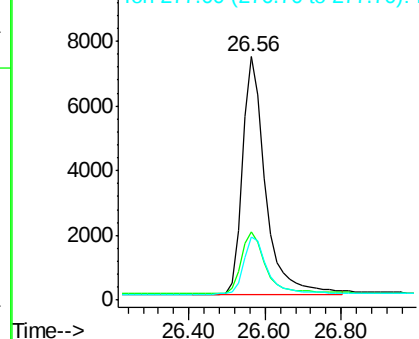
276 100

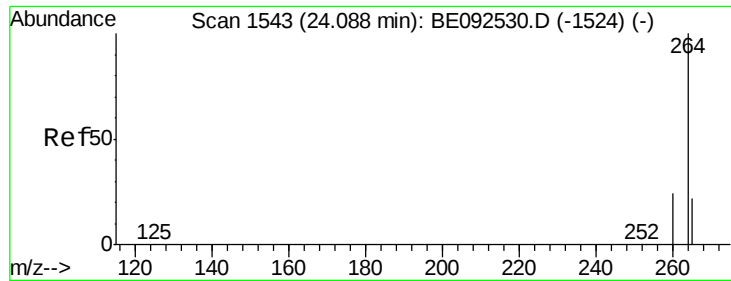
138 27.8 20.3 30.5

277 24.7 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

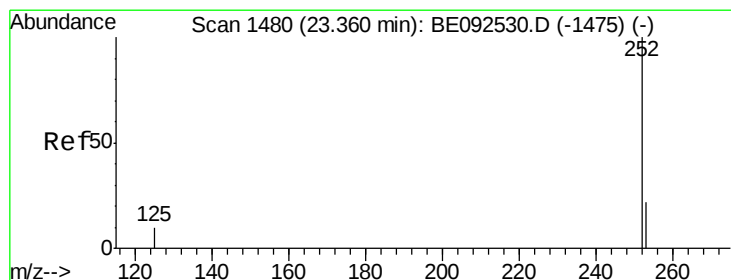
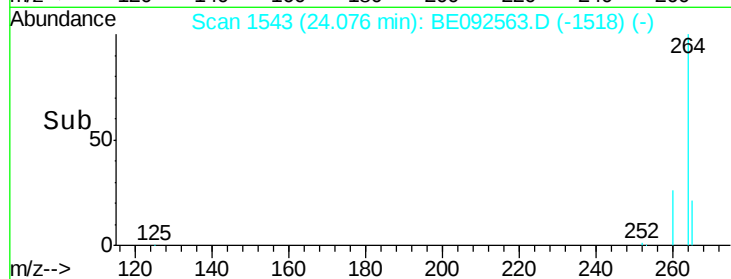
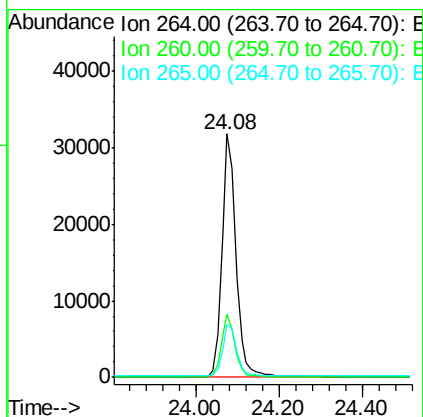
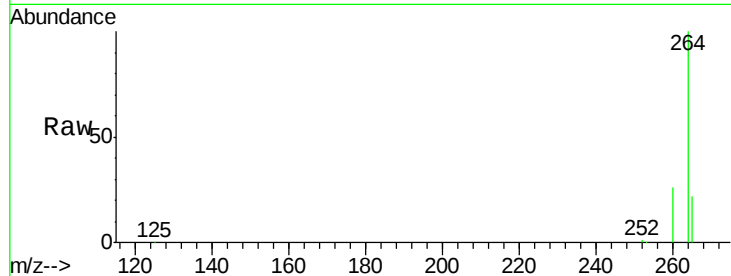




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092563.D
 Acq: 18 Nov 2016 12:07

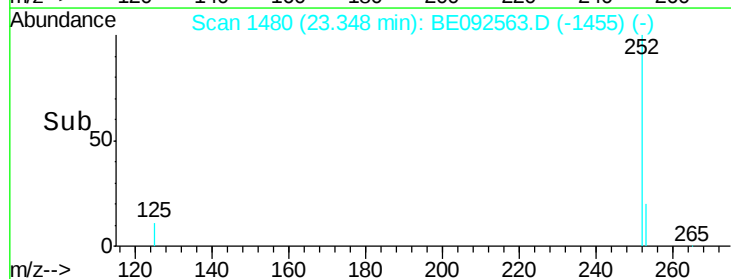
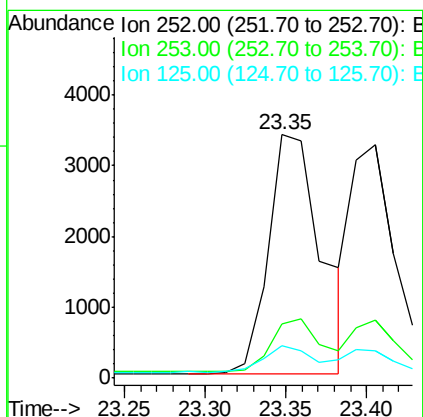
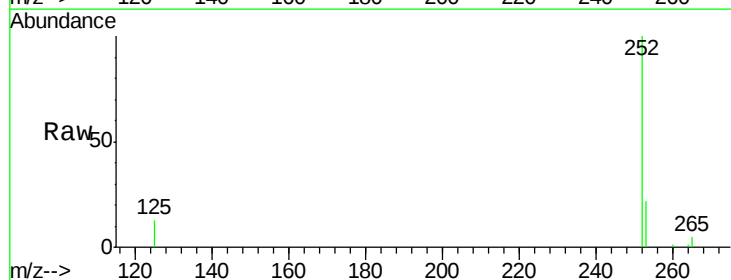
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 264 Resp: 75209
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.1 30.1
 265 21.7 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.42 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BE092563.D
 Acq: 18 Nov 2016 12:07

Tgt Ion: 252 Resp: 7696
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.7 28.1
 125 13.3 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.36 ng

RT: 23.41 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

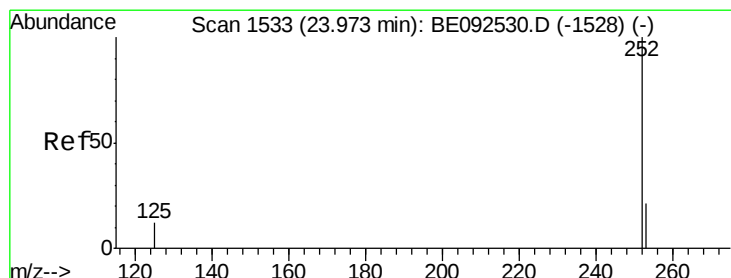
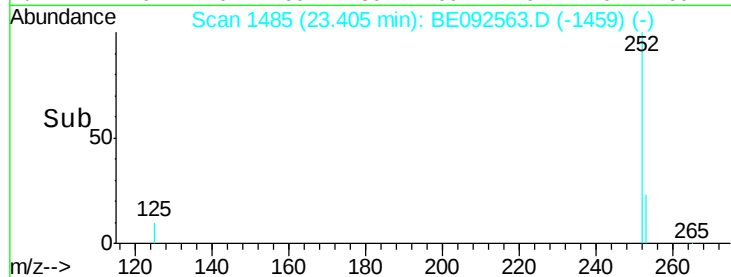
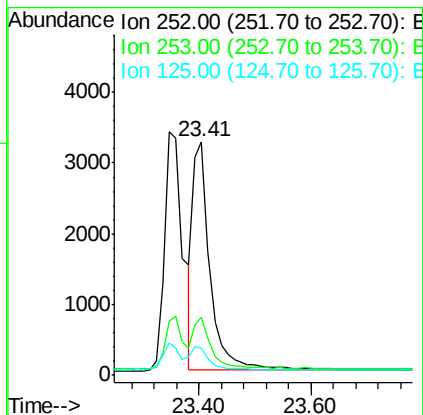
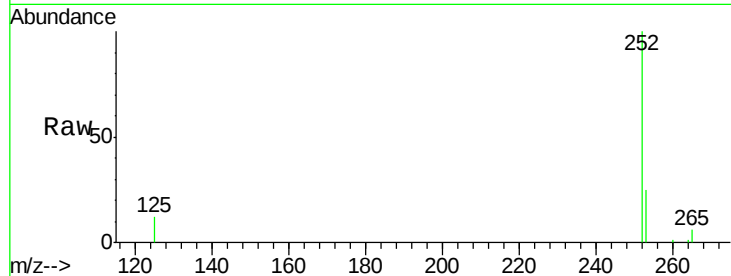
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	252	Resp:	6816
Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.3	30.5
125	11.9	9.6	14.4



#34

Benzo(a)pyrene

Concen: 0.38 ng

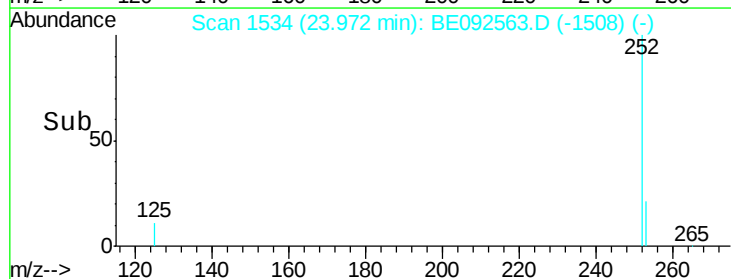
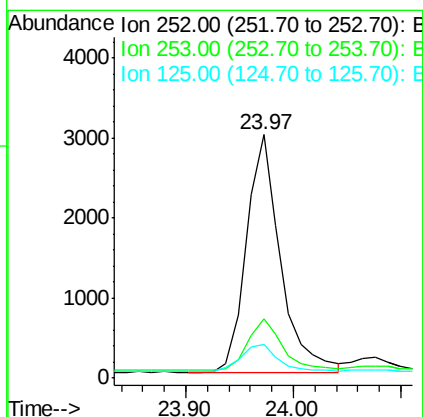
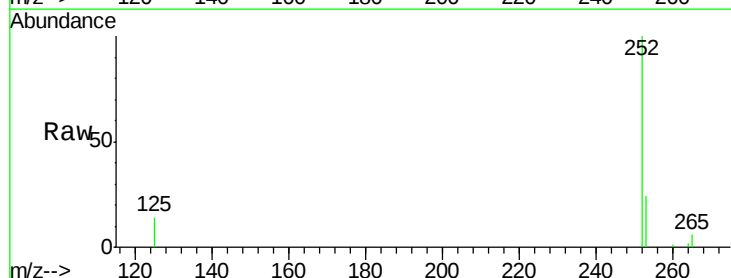
RT: 23.97 min Scan# 1534

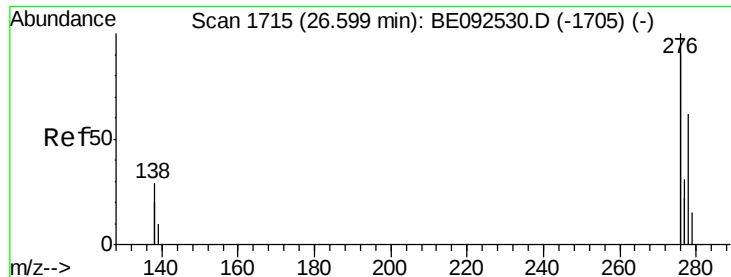
Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Tgt Ion:	252	Resp:	6496
Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.6
125	13.7	11.8	17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

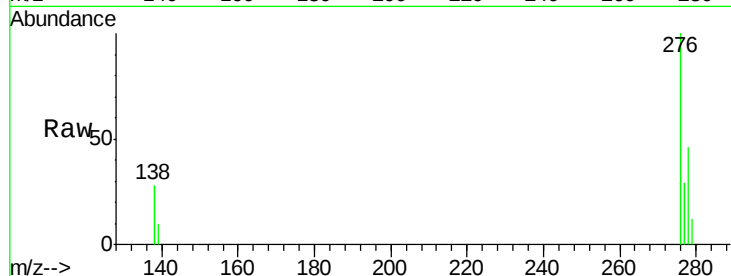
Tgt Ion: 278 Resp: 6303

Ion Ratio Lower Upper

278 100

139 22.4 13.8 20.8#

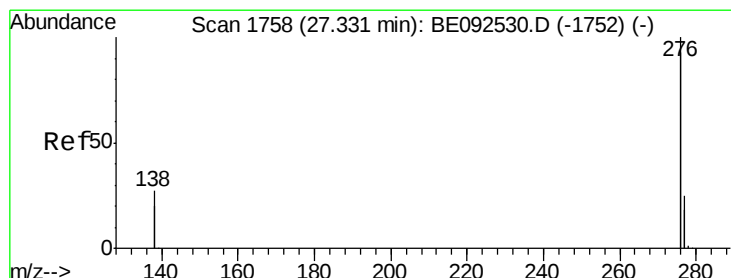
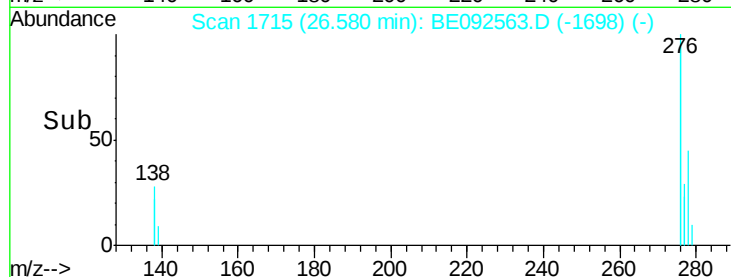
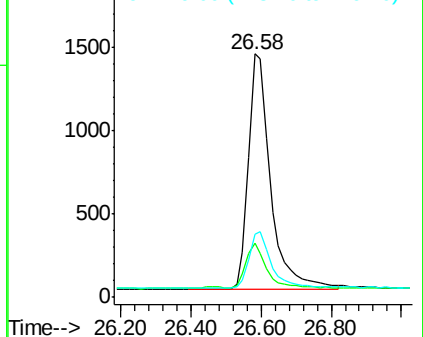
279 25.7 21.4 32.2



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: 0.38 ng

RT: 27.33 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BE092563.D

Acq: 18 Nov 2016 12:07

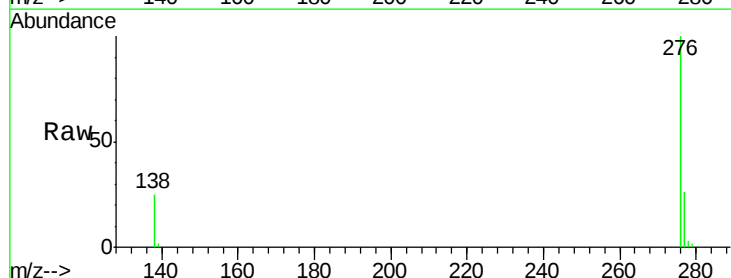
Tgt Ion: 276 Resp: 26861

Ion Ratio Lower Upper

276 100

277 26.1 19.8 29.8

138 25.2 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

