

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010617\
 Data File : BE092635.D
 Acq On : 6 Jan 2017 16:58
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 06 23:14:07 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7922	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	38636	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	27323	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	61469	5.00	ng	0.00
24) Chrysene-d12	21.72	240	81132	5.00	ng	0.00
31) Perylene-d12	24.08	264	69351	5.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	412	0.41	ng	0.01
5) Phenol-d6	7.38	99	556	0.41	ng	0.00
8) Nitrobenzene-d5	9.20	82	95	0.21	ng	-0.16
13) 2,4,6-Tribromophenol	16.31	330	198	0.42	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2385	0.36	ng	0.00
26) Terphenyl-d14	20.17	244	3475	0.35	ng	0.00

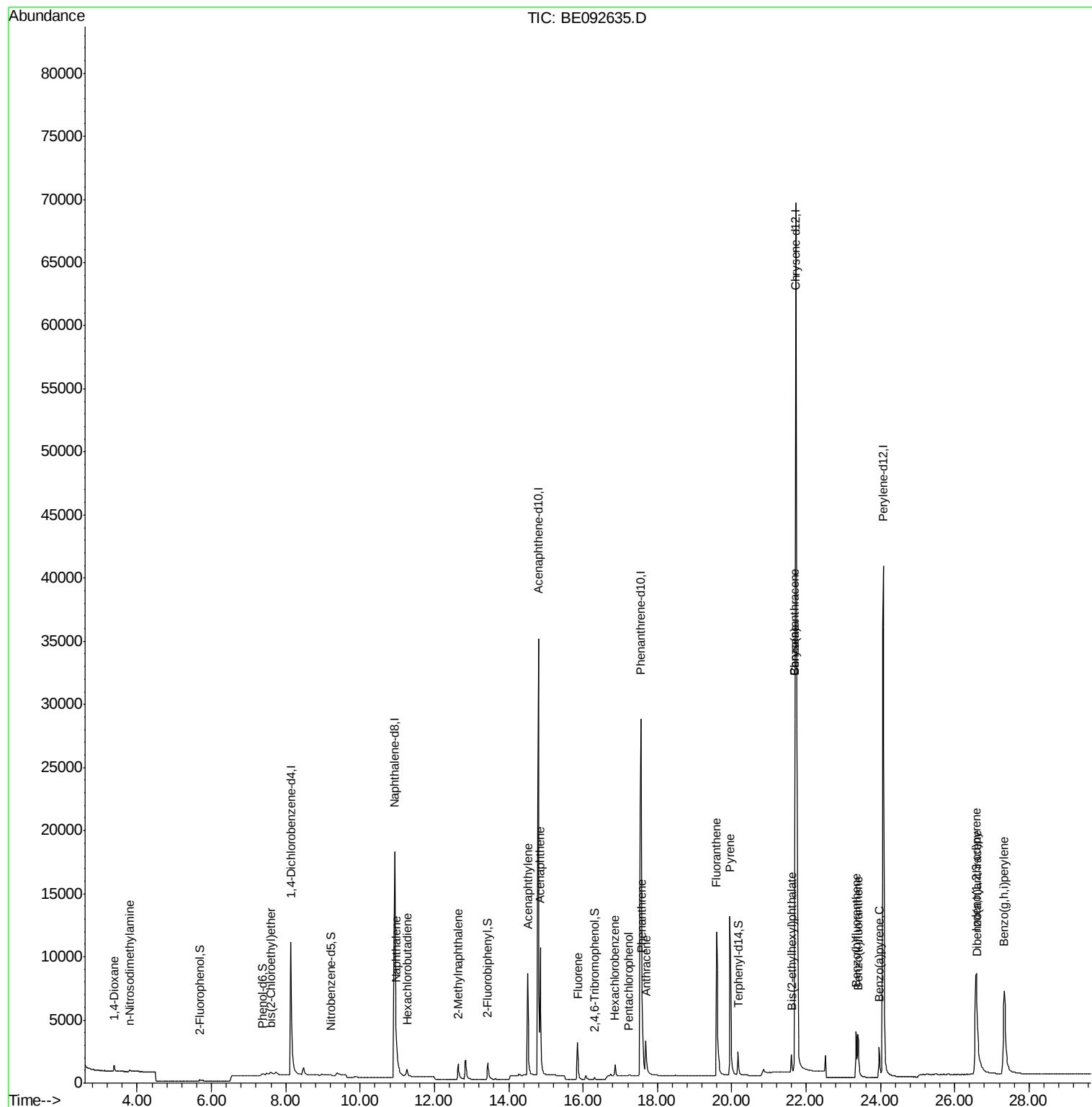
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	475	0.36	ng	89
3) n-Nitrosodimethylamine	3.80	42	284	0.40	ng	92
6) bis(2-Chloroethyl)ether	7.59	93	557	0.34	ng	# 66
9) Naphthalene	10.97	128	3060	0.39	ng	96
10) Hexachlorobutadiene	11.26	225	449	0.37	ng	99
11) 2-Methylnaphthalene	12.64	142	1777	0.35	ng	98
15) Acenaphthylene	14.51	152	13576	0.36	ng	100
16) Acenaphthene	14.85	154	2317	0.37	ng	96
17) Fluorene	15.86	166	2812	0.37	ng	98
19) Hexachlorobenzene	16.86	284	1081	0.41	ng	# 84
20) Pentachlorophenol	17.23	266	129	0.38	ng	# 85
21) Phenanthrene	17.58	178	5447	0.35	ng	# 95
22) Anthracene	17.69	178	4890	0.35	ng	99
23) Fluoranthene	19.59	202	23005	0.34	ng	99
25) Pyrene	19.95	202	24054	0.34	ng	99
27) Benzo(a)anthracene	21.70	228	54724	0.75	ng	94
28) Chrysene	21.70	228	54977	0.65	ng	# 75
29) Bis(2-ethylhexyl)phthalate	21.61	149	1895	0.32	ng	# 77
30) Indeno(1,2,3-cd)pyrene	26.57	276	23700	0.31	ng	99
32) Benzo(b)fluoranthene	23.35	252	5282	0.33	ng	100
33) Benzo(k)fluoranthene	23.39	252	6467	0.36	ng	96
34) Benzo(a)pyrene	23.96	252	5081	0.33	ng	99
35) Dibenzo(a,h)anthracene	26.60	278	4711	0.32	ng	# 95
36) Benzo(g,h,i)perylene	27.33	276	21362	0.34	ng	97

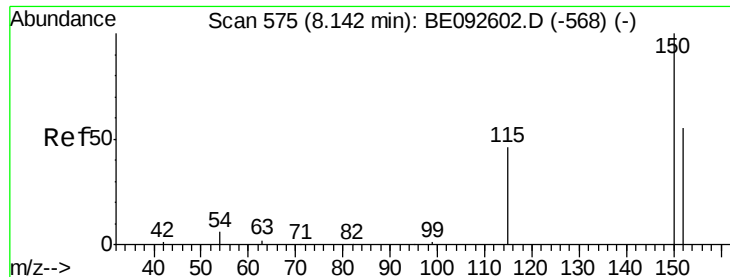
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010617\
Data File : BE092635.D
Acq On : 6 Jan 2017 16:58
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 06 23:14:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

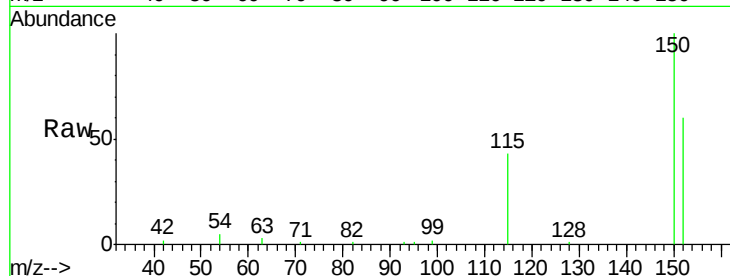
Tgt Ion:152 Resp: 7922

Ion Ratio Lower Upper

152 100

150 167.7 106.0 159.0#

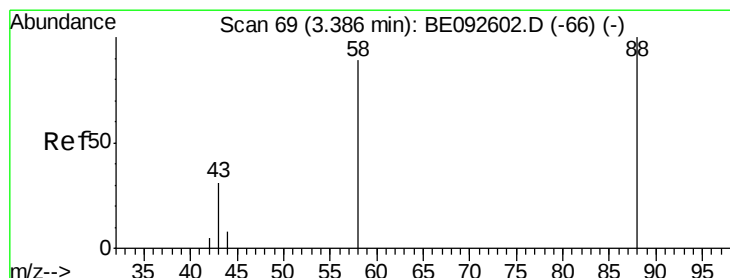
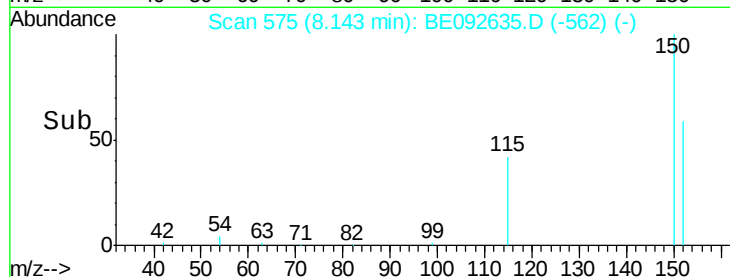
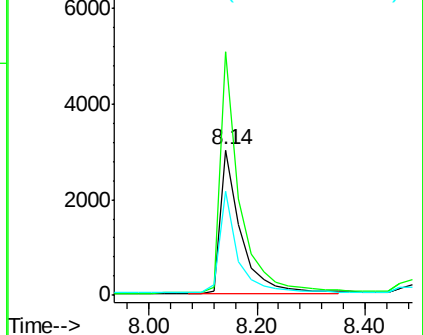
115 71.3 31.2 46.8#



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: 0.36 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

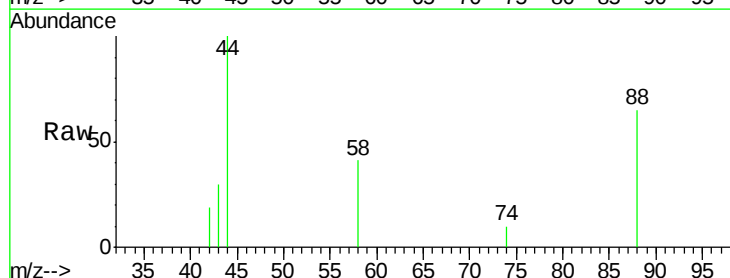
Tgt Ion: 88 Resp: 475

Ion Ratio Lower Upper

88 100

58 69.3 63.6 95.4

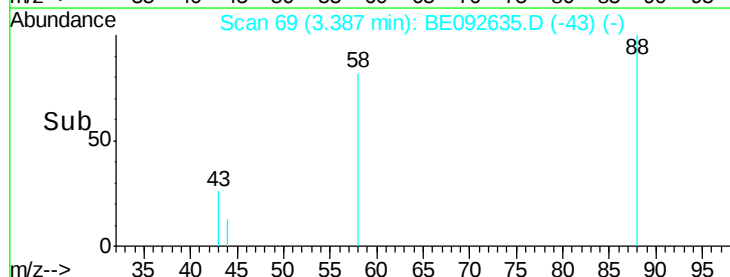
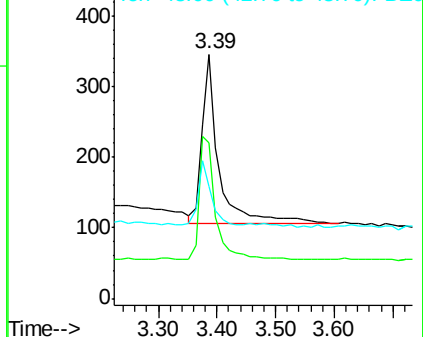
43 30.3 28.0 42.0

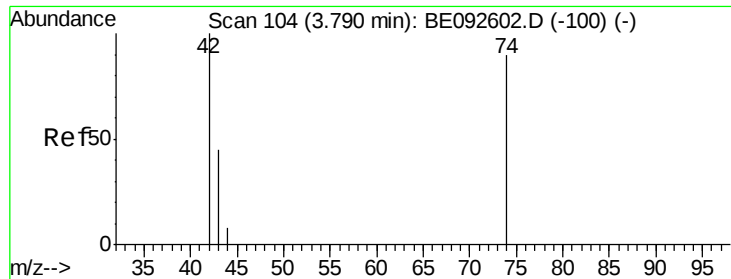


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.40 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.01 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

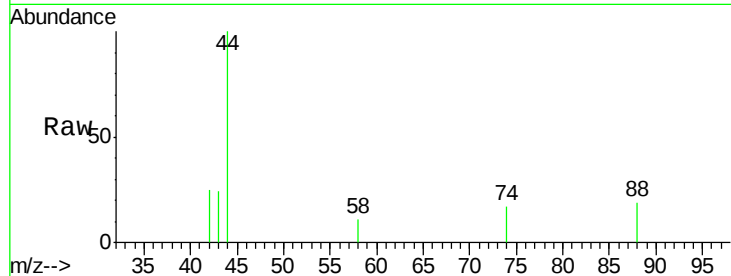
Tgt Ion: 42 Resp: 284

Ion Ratio Lower Upper

42 100

74 116.2 86.0 129.0

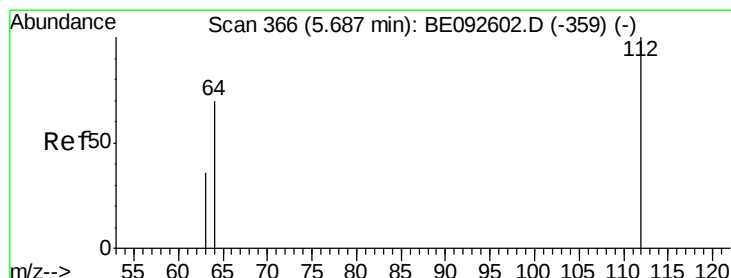
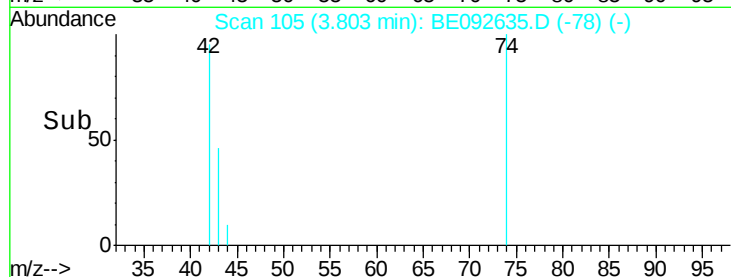
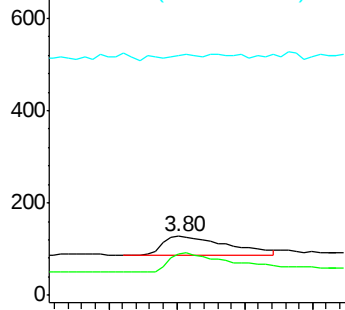
44 6.3 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.41 ng

RT: 5.70 min Scan# 368

Delta R.T. 0.01 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

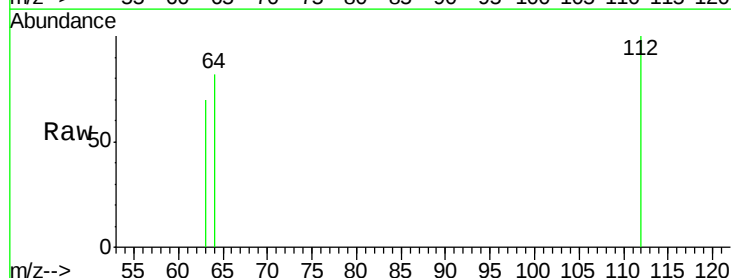
Tgt Ion: 112 Resp: 412

Ion Ratio Lower Upper

112 100

64 53.4 53.5 80.3#

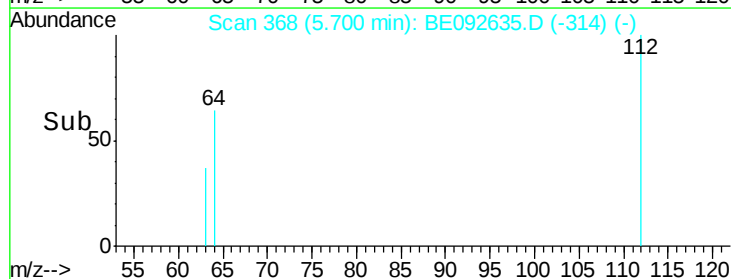
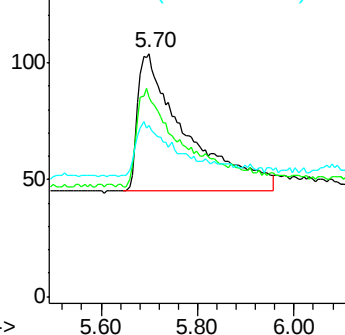
63 30.1 27.9 41.9

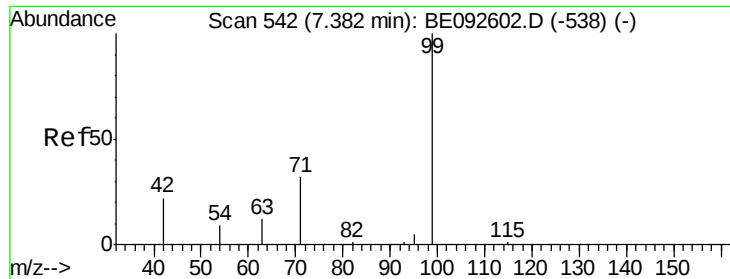


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.41 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

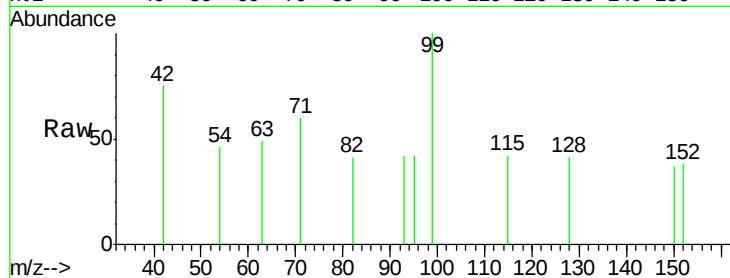
Tgt Ion: 99 Resp: 556

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

7.38

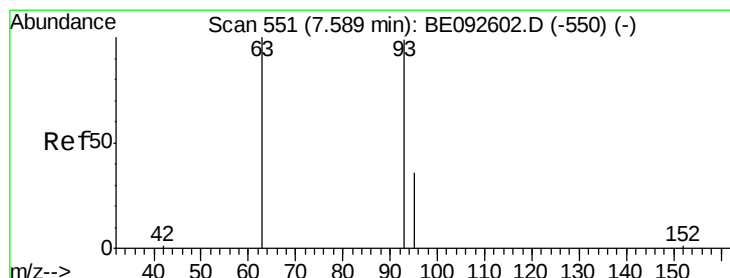
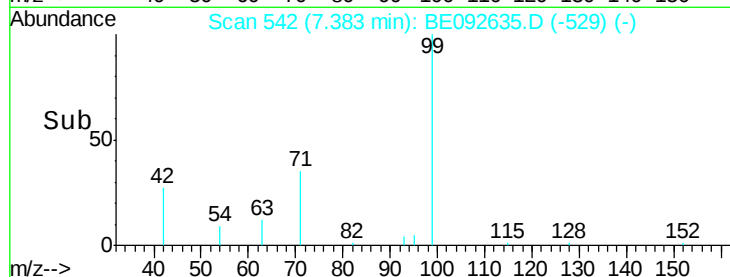
100

50

0

7.20 7.40 7.60

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.34 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

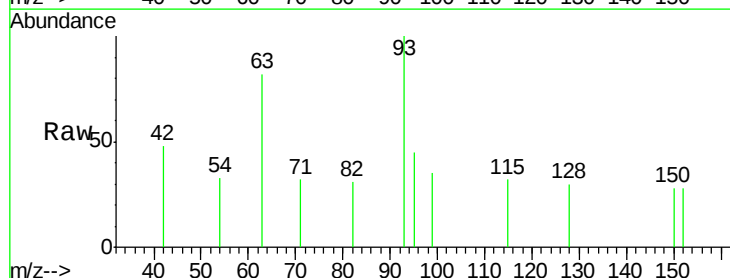
Tgt Ion: 93 Resp: 557

Ion Ratio Lower Upper

93 100

63 64.1 71.6 107.4#

95 0.0 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

7.59

300

250

200

150

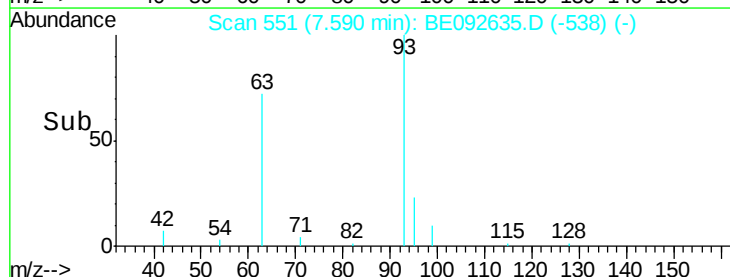
100

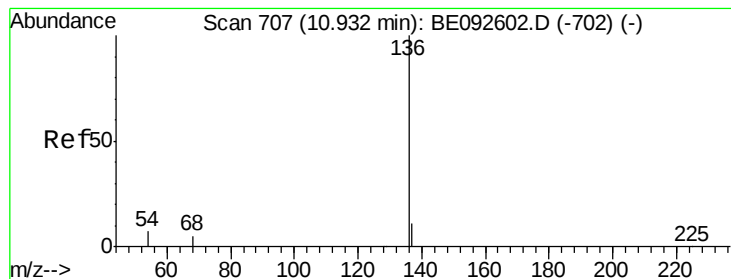
50

0

7.50 7.60 7.70 7.80

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 38636

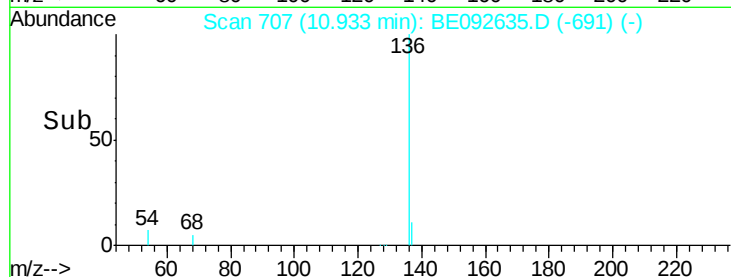
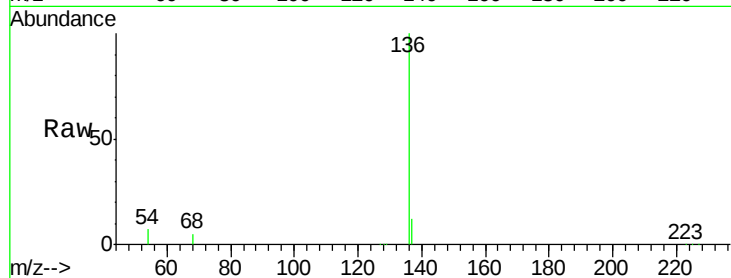
Ion Ratio Lower Upper

136 100

137 11.7 8.2 12.4

54 7.2 9.6 14.4#

68 5.1 6.7 10.1#

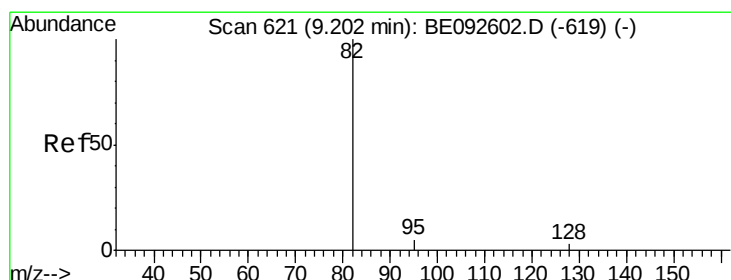
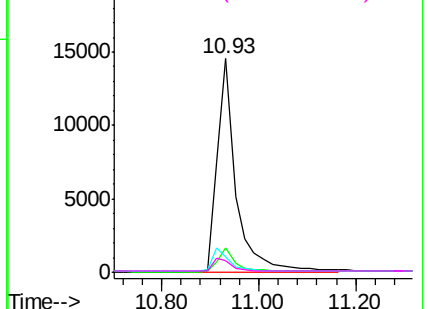


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.21 ng

RT: 9.20 min Scan# 621

Delta R.T. -0.16 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

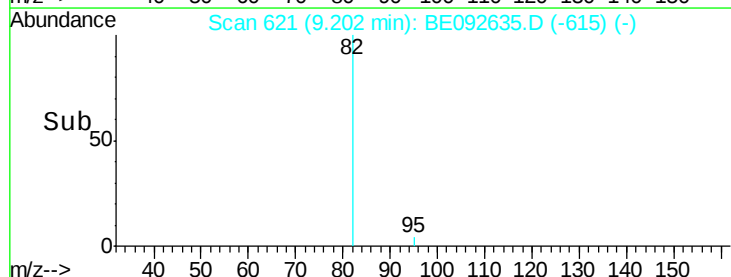
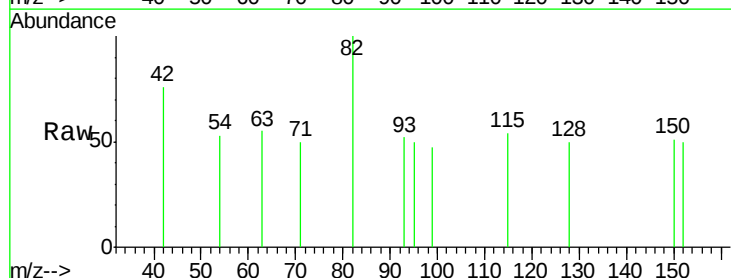
Tgt Ion: 82 Resp: 95

Ion Ratio Lower Upper

82 100

128 50.0 39.0 58.4

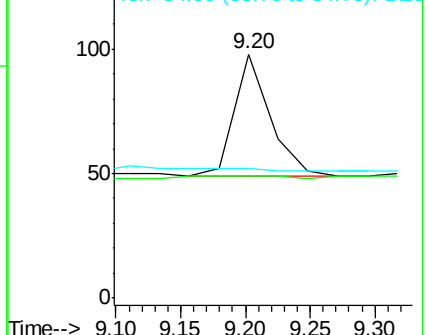
54 53.1 44.8 67.2

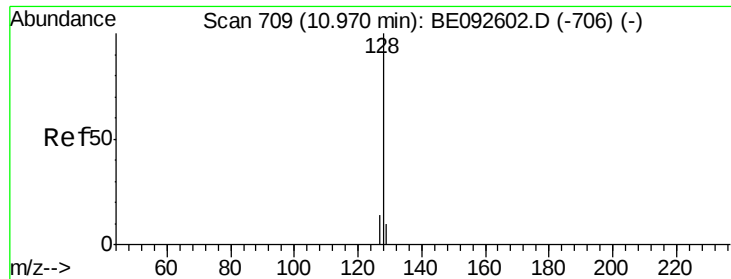


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.39 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

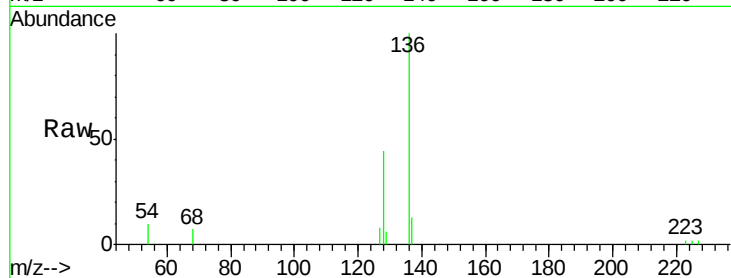
Tgt Ion:128 Resp: 3060

Ion Ratio Lower Upper

128 100

129 14.4 11.2 16.8

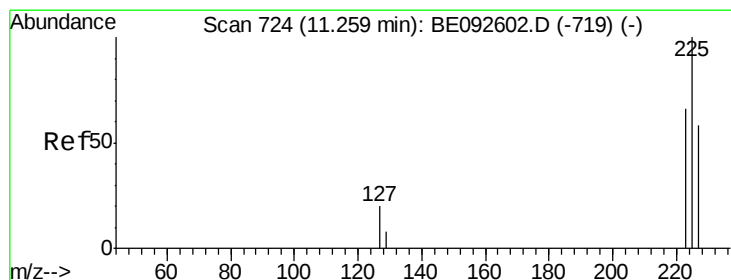
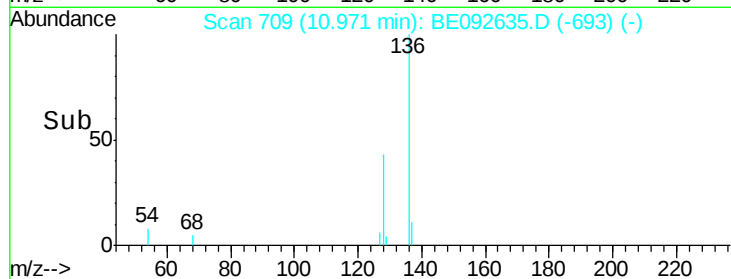
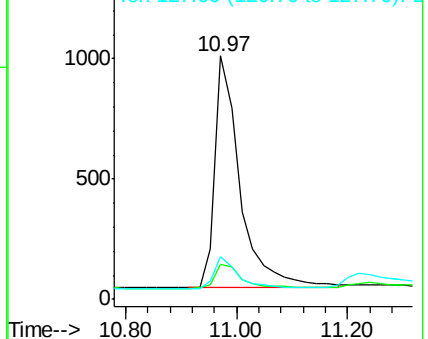
127 17.3 11.6 17.4



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: 0.37 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

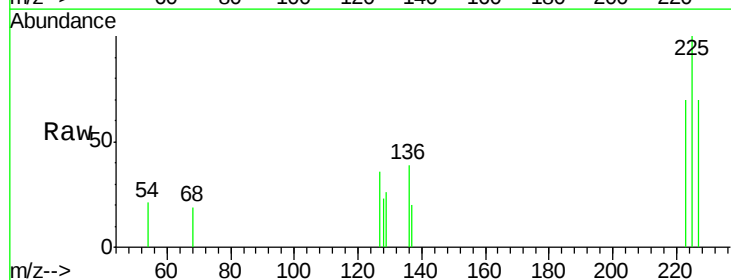
Tgt Ion:225 Resp: 449

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

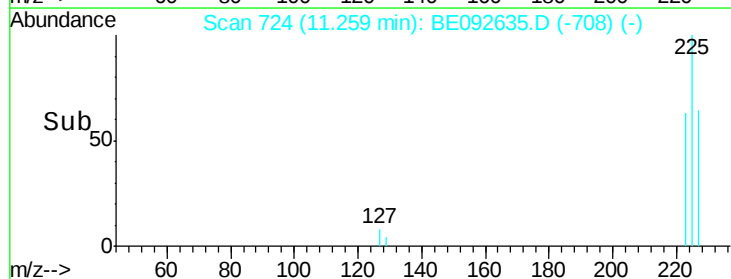
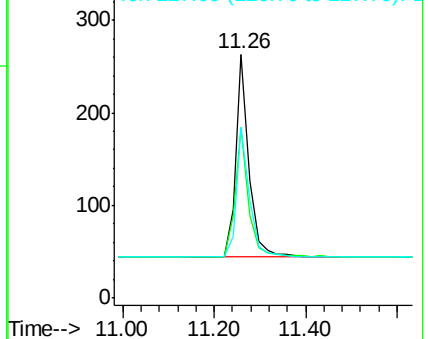
227 63.3 51.4 77.0

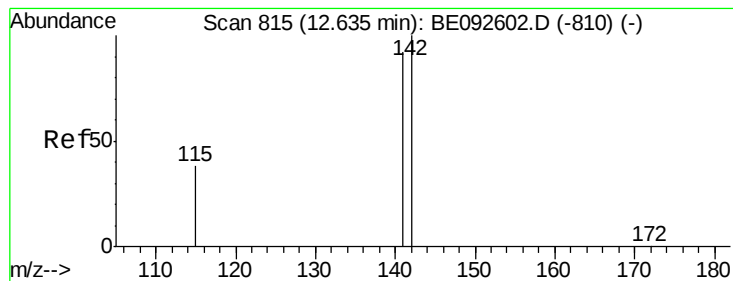


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.35 ng

RT: 12.64 min Scan# 815

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

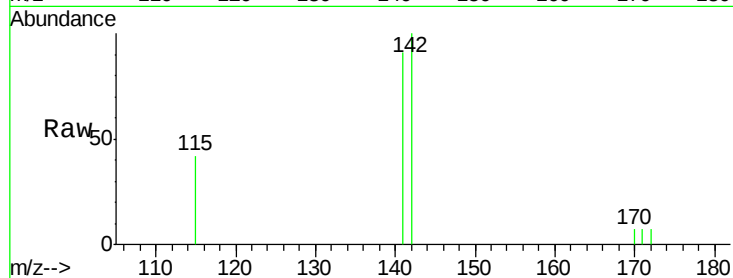
Tgt Ion:142 Resp: 1777

Ion Ratio Lower Upper

142 100

141 90.5 73.7 110.5

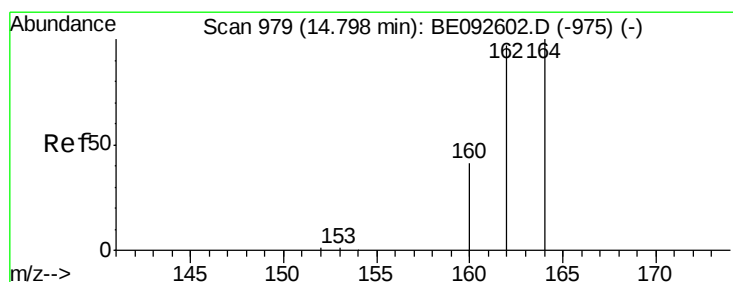
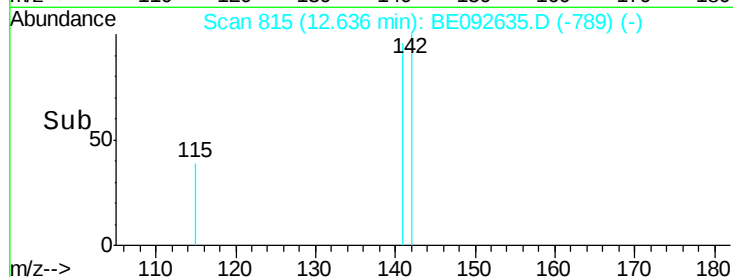
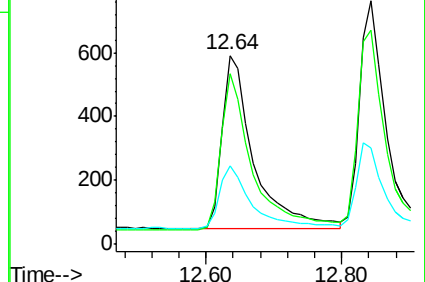
115 41.6 34.0 51.0



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: BE092635.D

Acq: 6 Jan 2017 16:58

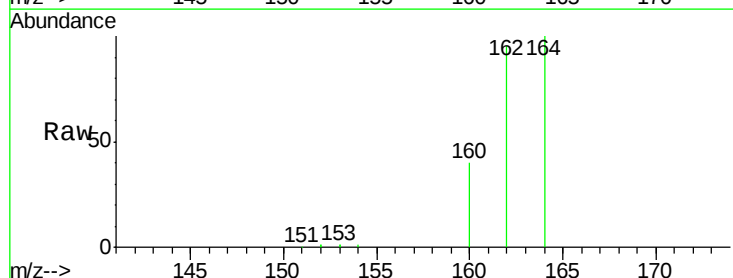
Tgt Ion:164 Resp: 27323

Ion Ratio Lower Upper

164 100

162 94.7 71.4 107.0

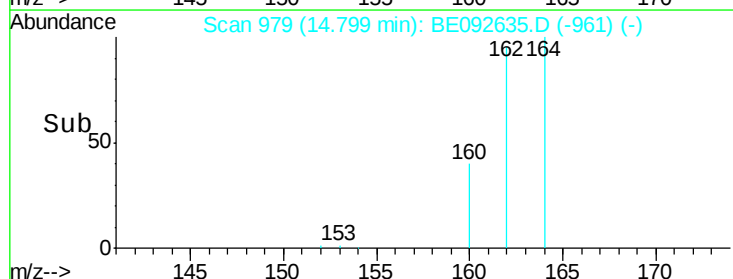
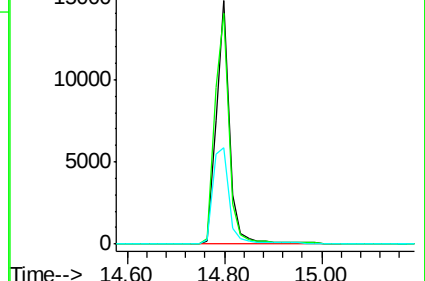
160 39.7 27.4 41.2

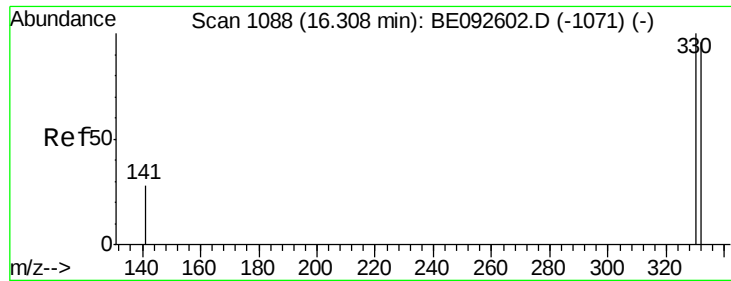


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

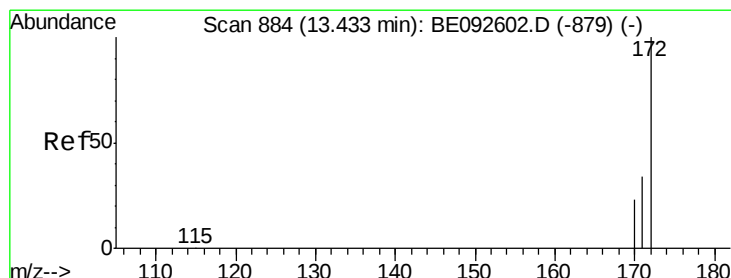
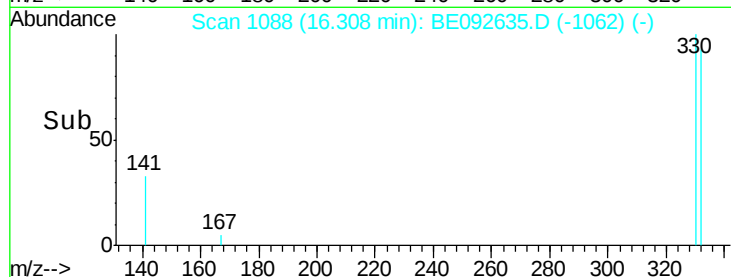
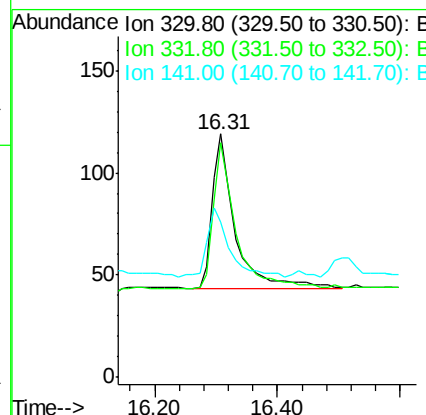
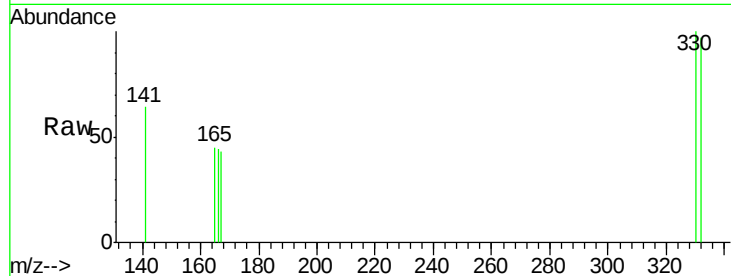




#13
 2,4,6-Tribromophenol
 Concen: 0.42 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092635.D
 Acq: 6 Jan 2017 16:58

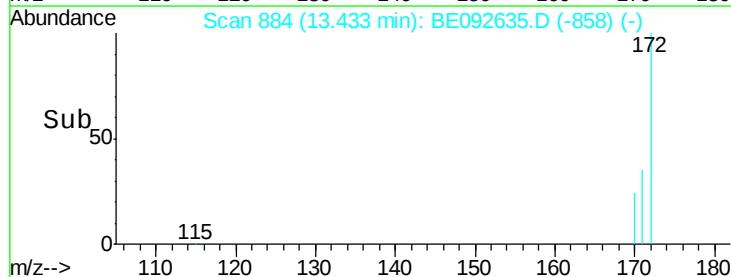
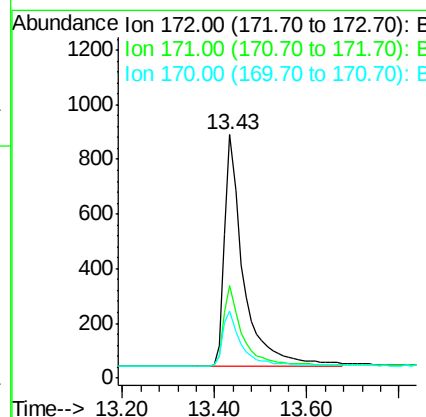
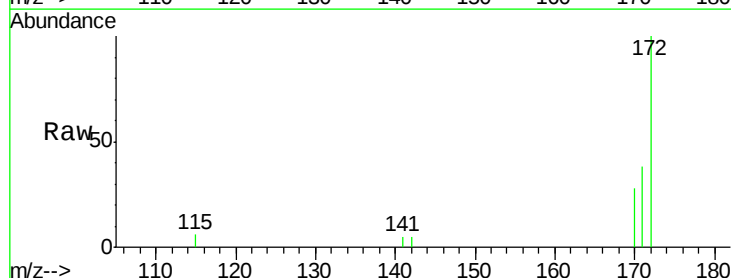
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

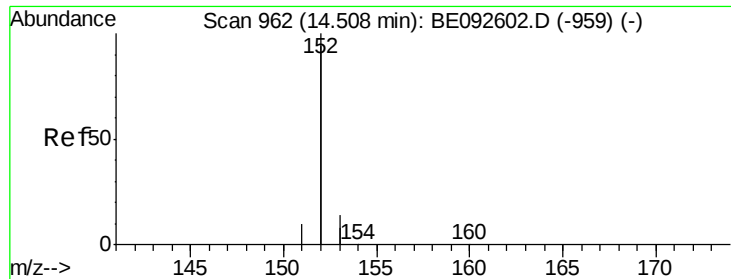
Tgt Ion: 330 Resp: 198
 Ion Ratio Lower Upper
 330 100
 332 92.4 75.4 113.0
 141 42.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.36 ng
 RT: 13.43 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BE092635.D
 Acq: 6 Jan 2017 16:58

Tgt Ion: 172 Resp: 2385
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.1 45.1
 170 27.7 21.8 32.6





#15

Acenaphthylene

Concen: 0.36 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

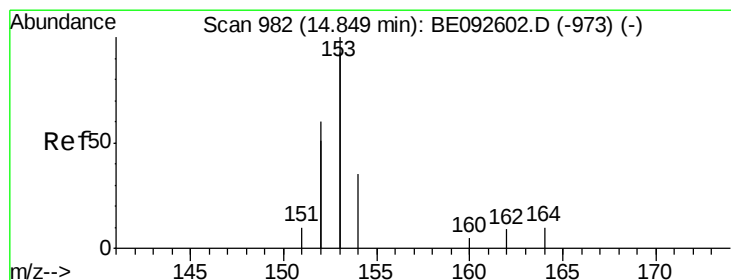
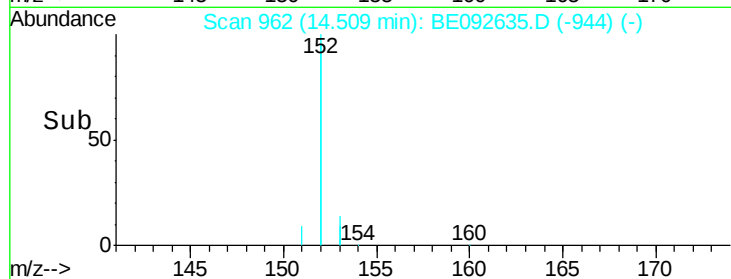
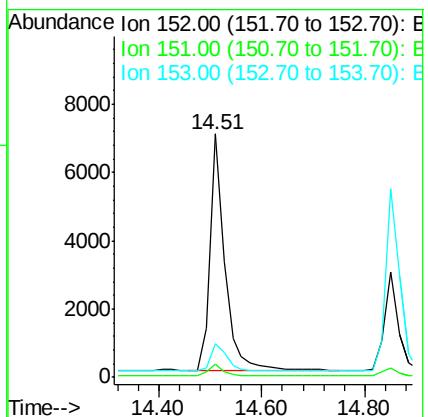
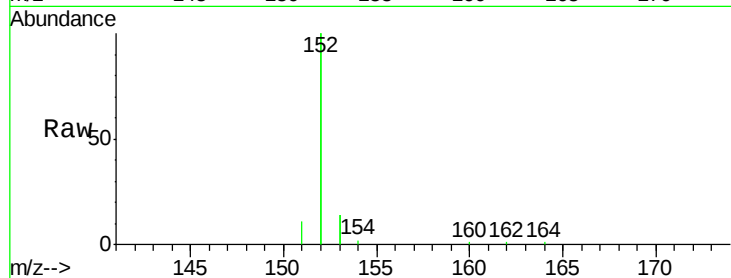
Tgt Ion:152 Resp: 13576

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 12.9 10.4 15.6



#16

Acenaphthene

Concen: 0.37 ng

RT: 14.85 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

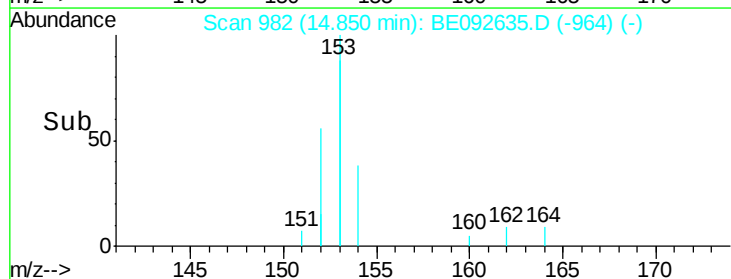
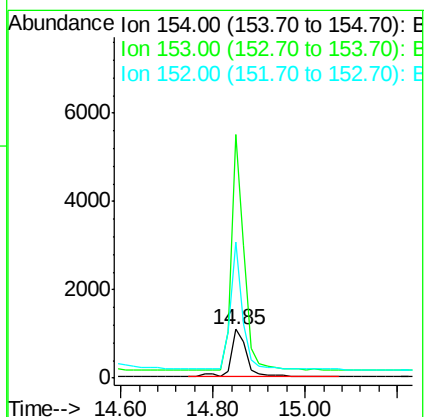
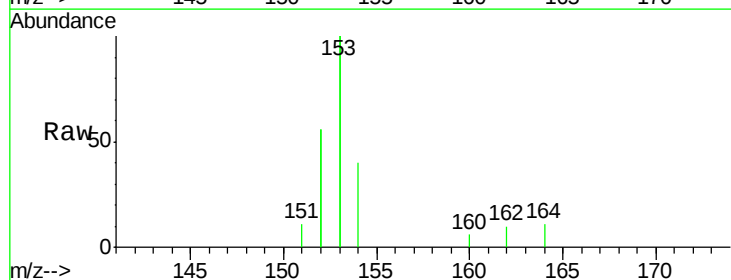
Tgt Ion:154 Resp: 2317

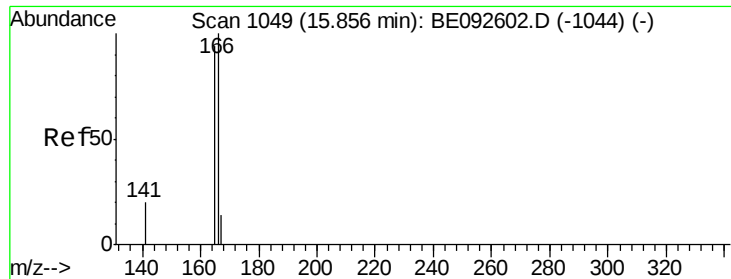
Ion Ratio Lower Upper

154 100

153 438.2 350.8 526.2

152 234.7 171.1 256.7

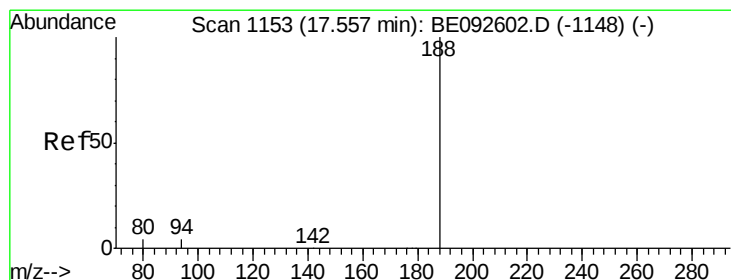
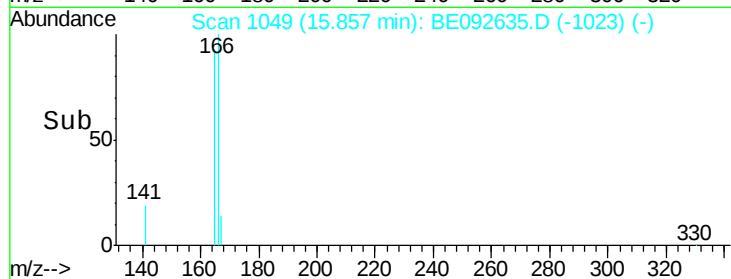
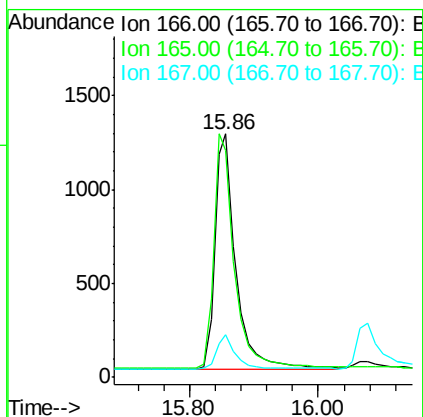
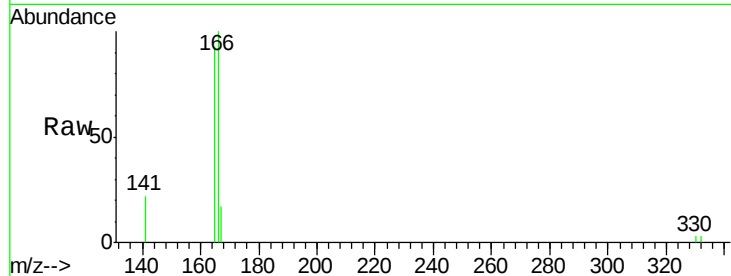




#17
Fluorene
 Concen: 0.37 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BE092635.D
 Acq: 6 Jan 2017 16:58

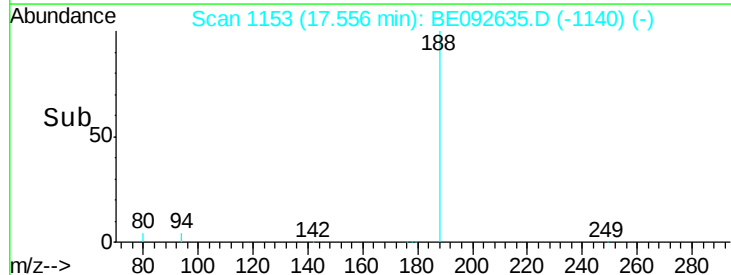
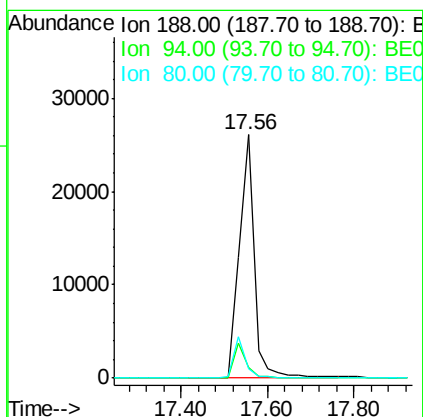
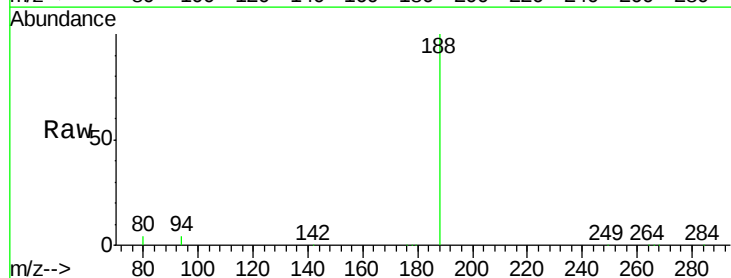
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

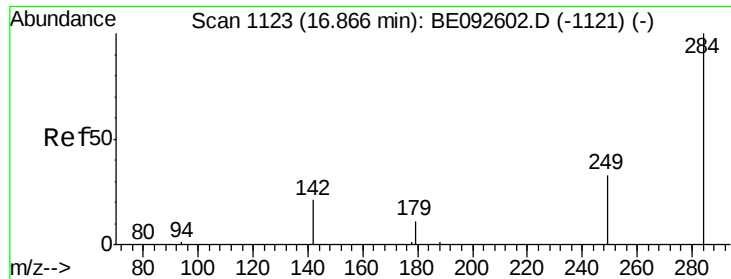
Tgt Ion:166 Resp: 2812
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.2 117.4
 167 13.8 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092635.D
 Acq: 6 Jan 2017 16:58

Tgt Ion:188 Resp: 61469
 Ion Ratio Lower Upper
 188 100
 94 4.4 3.2 4.8
 80 4.1 2.6 3.8#

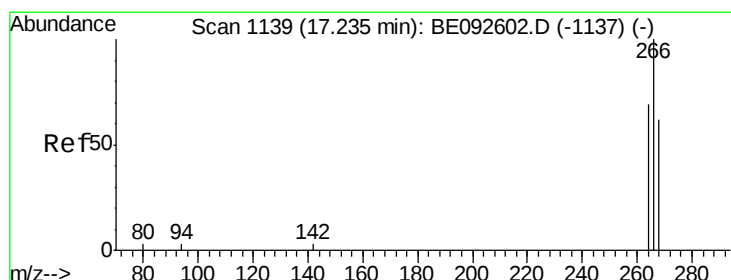
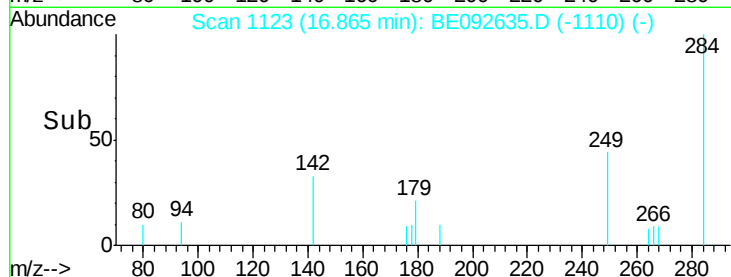
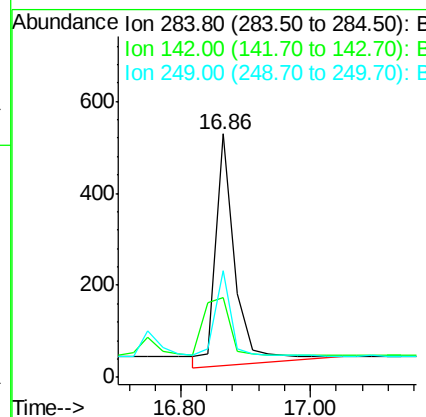
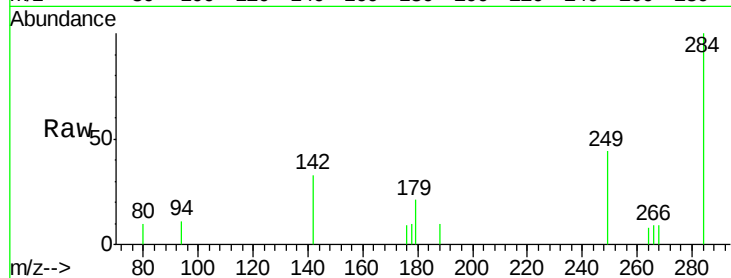




#19
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092635.D
Acq: 6 Jan 2017 16:58

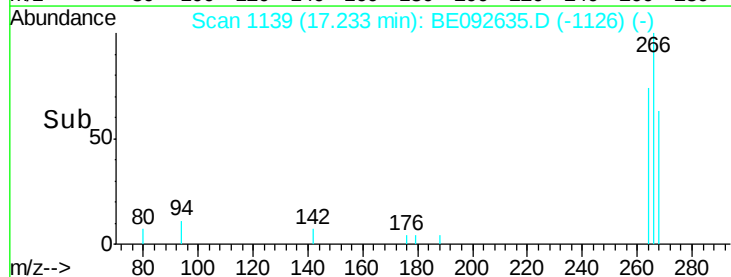
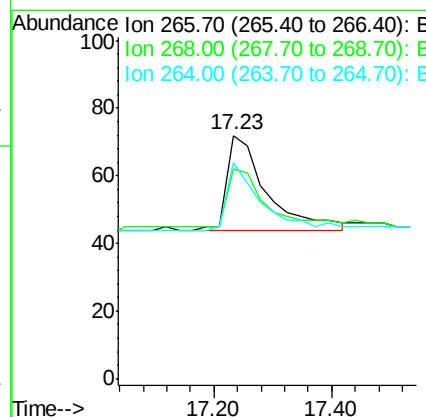
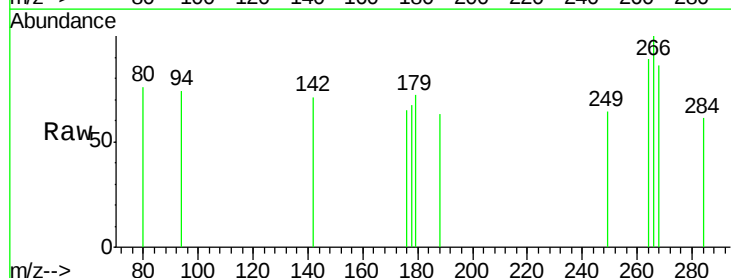
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

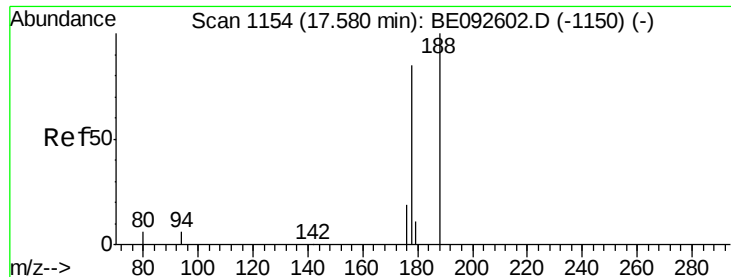
Tgt Ion: 284 Resp: 1081
Ion Ratio Lower Upper
284 100
142 44.8 29.1 43.7#
249 45.8 27.9 41.9#



#20
Pentachlorophenol
Concen: 0.38 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092635.D
Acq: 6 Jan 2017 16:58

Tgt Ion: 266 Resp: 129
Ion Ratio Lower Upper
266 100
268 86.1 62.5 93.7
264 88.9 57.2 85.8#





#21

Phenanthrene

Concen: 0.35 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

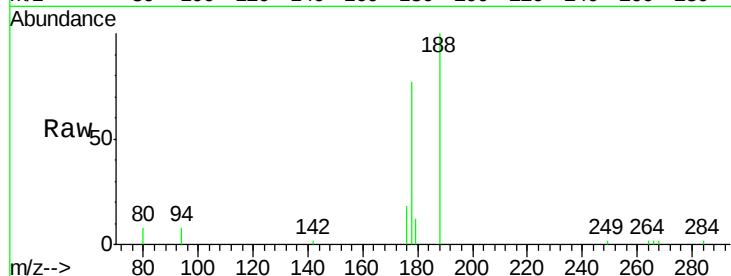
Tgt Ion:178 Resp: 5447

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

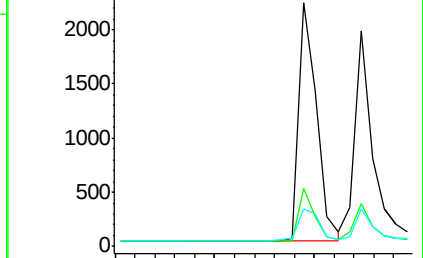
179 15.8 16.0 24.0#



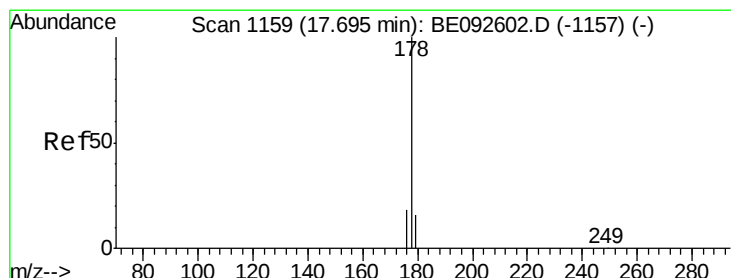
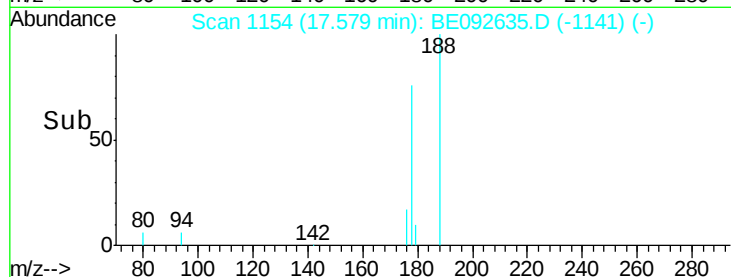
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.20 17.40 17.60



#22

Anthracene

Concen: 0.35 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

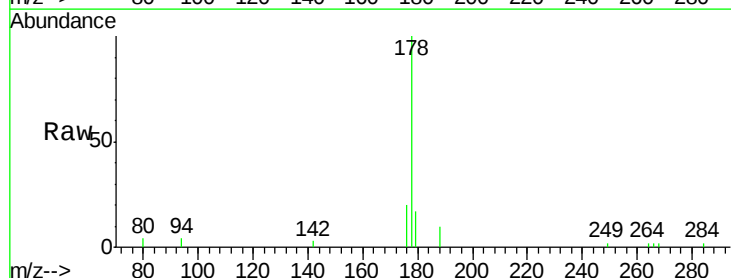
Tgt Ion:178 Resp: 4890

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

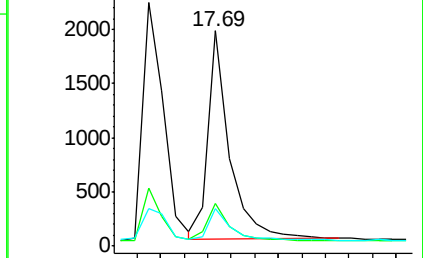
179 16.1 12.2 18.2



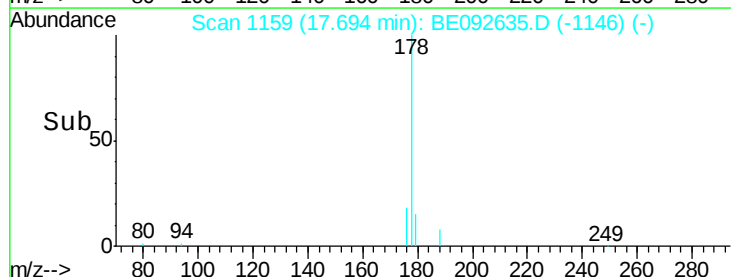
Abundance Ion 178.00 (177.70 to 178.70): E

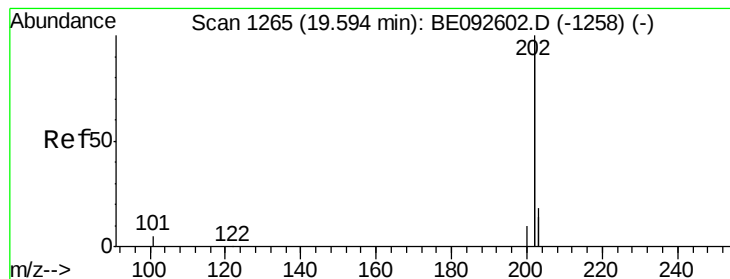
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.60 17.80





#23

Fluoranthene

Concen: 0.34 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

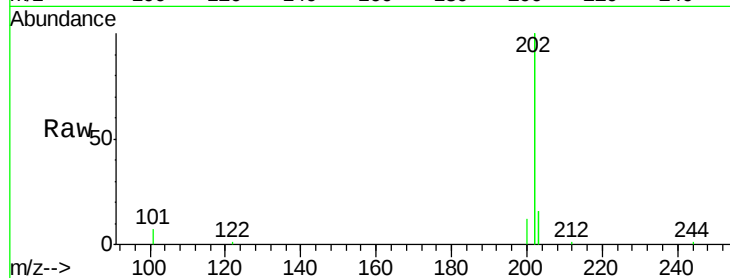
Tgt Ion:202 Resp: 23005

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

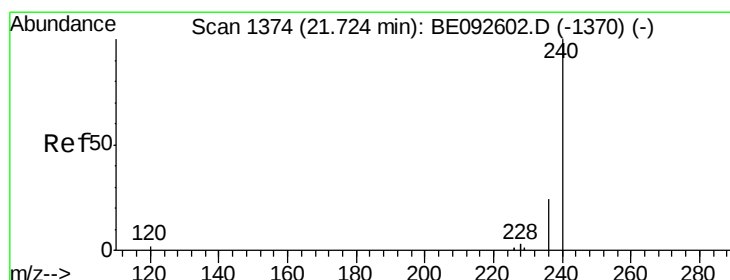
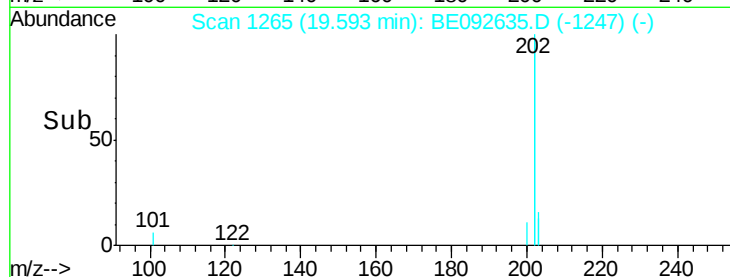
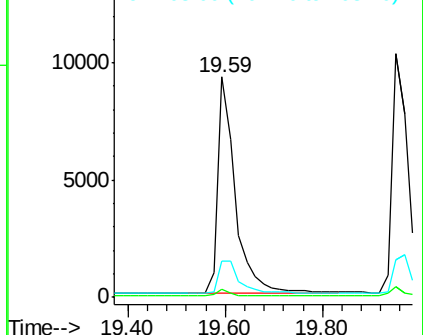
203 17.8 13.7 20.5



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: BE092635.D

Acq: 6 Jan 2017 16:58

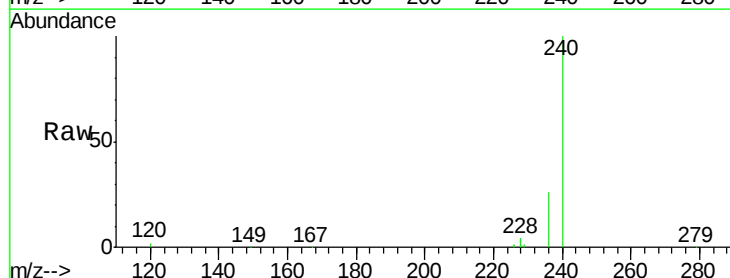
Tgt Ion:240 Resp: 81132

Ion Ratio Lower Upper

240 100

120 2.4 2.6 4.0#

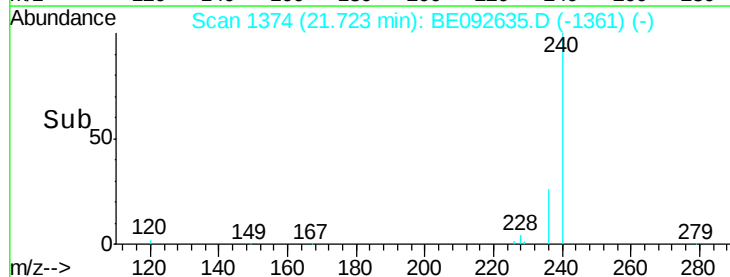
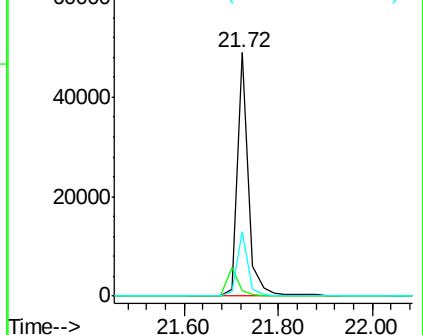
236 26.5 24.6 37.0

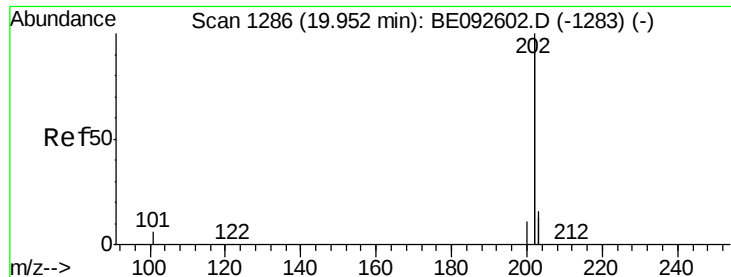


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

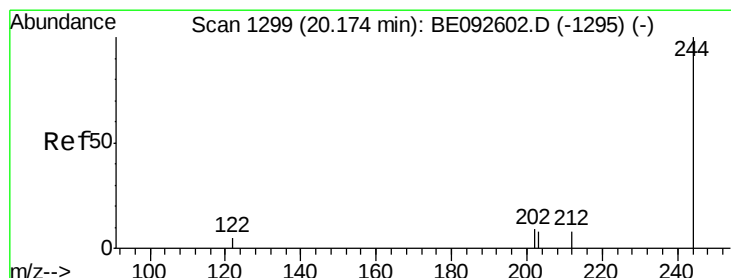
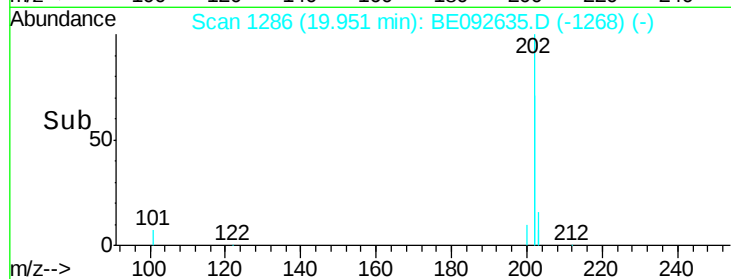
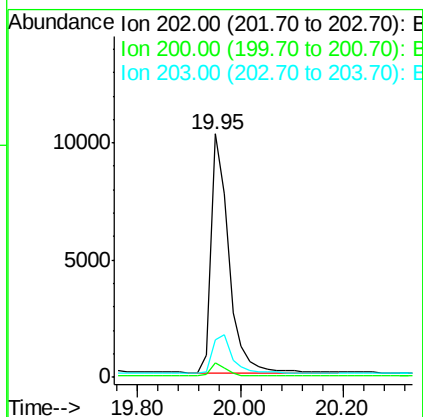
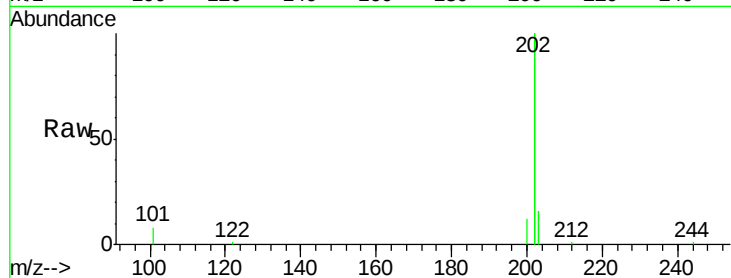




#25
 Pyrene
 Concen: 0.34 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BE092635.D
 Acq: 6 Jan 2017 16:58

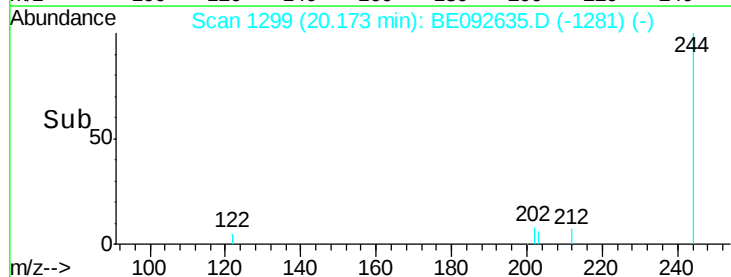
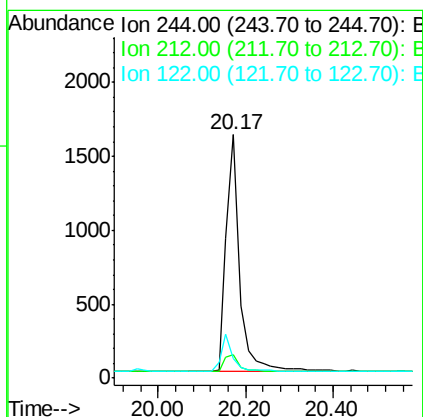
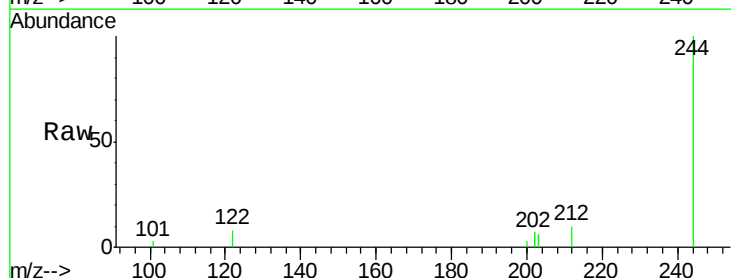
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

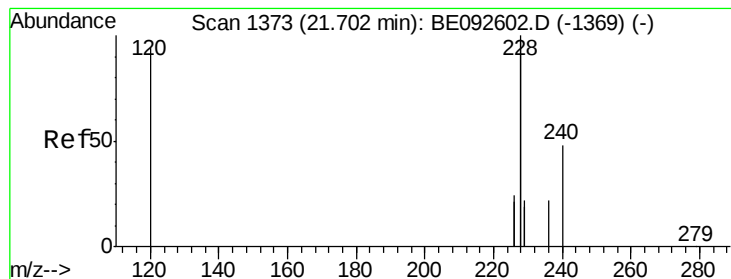
Tgt Ion: 202 Resp: 24054
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 17.7 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.35 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BE092635.D
 Acq: 6 Jan 2017 16:58

Tgt Ion: 244 Resp: 3475
 Ion Ratio Lower Upper
 244 100
 212 9.9 6.7 10.1
 122 8.0 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.75 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

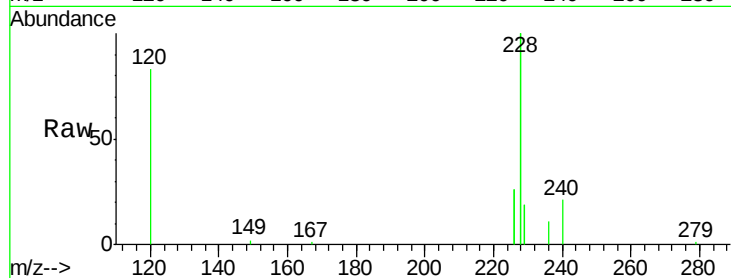
Tgt Ion:228 Resp: 54724

Ion Ratio Lower Upper

228 100

226 26.4 23.6 35.4

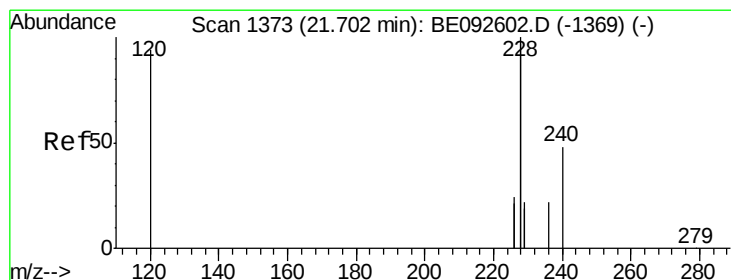
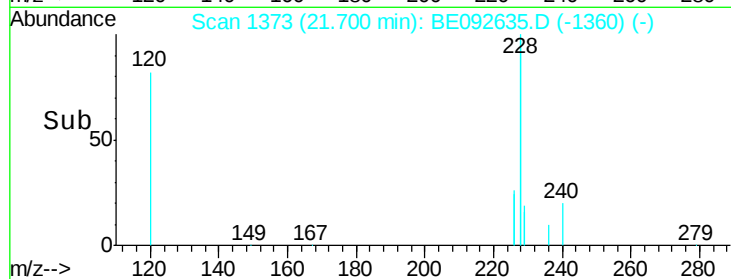
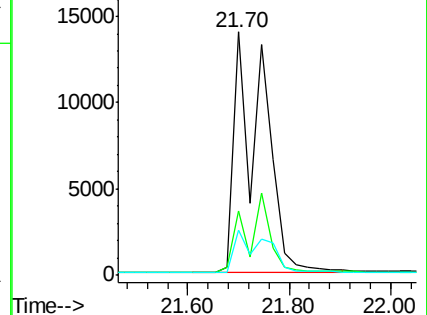
229 18.8 13.3 19.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 0.65 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.05 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

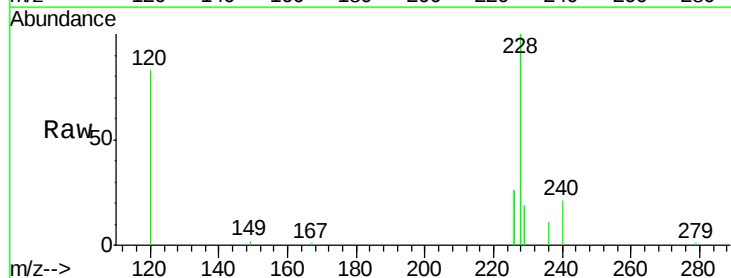
Tgt Ion:228 Resp: 54977

Ion Ratio Lower Upper

228 100

226 26.4 36.3 54.5#

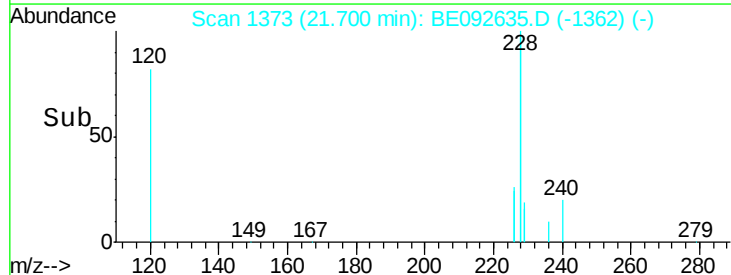
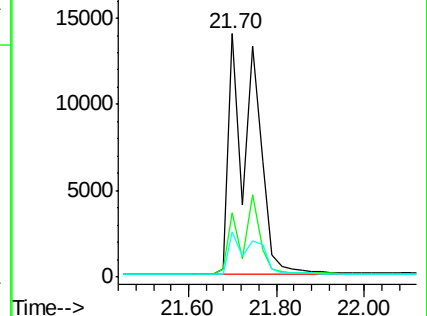
229 18.8 10.6 16.0#

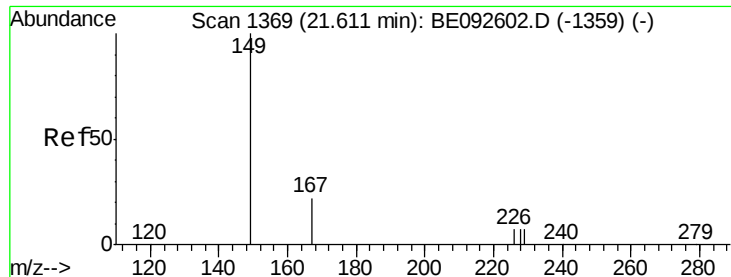


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.32 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

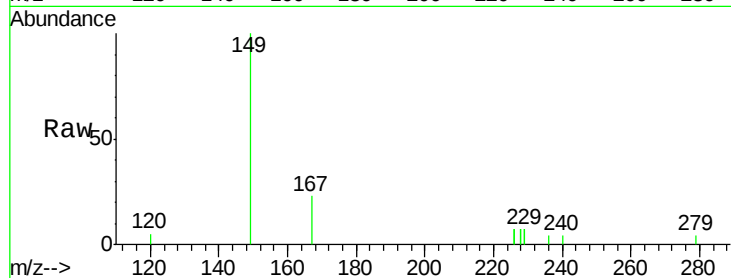
Tgt Ion:149 Resp: 1895

Ion Ratio Lower Upper

149 100

167 21.2 16.0 24.0

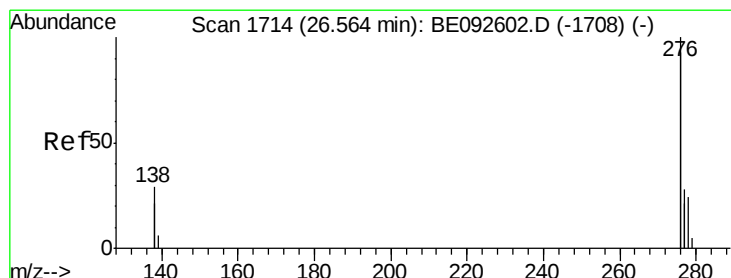
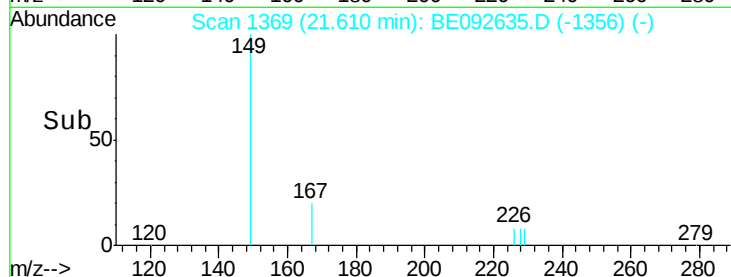
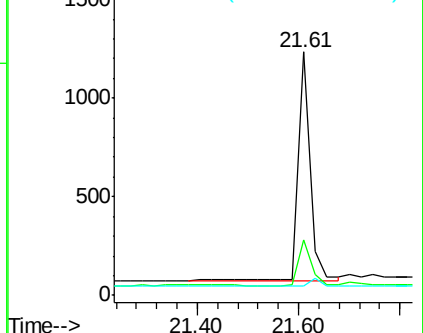
279 0.0 16.0 24.0#



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: 0.31 ng

RT: 26.57 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

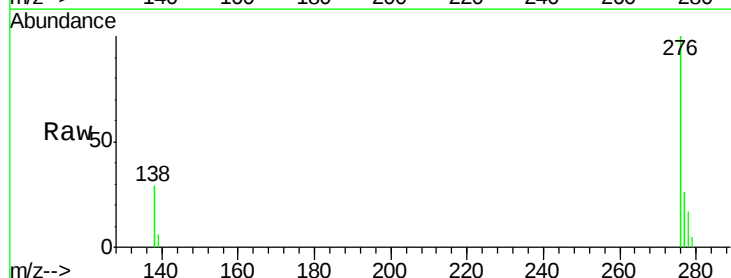
Tgt Ion:276 Resp: 23700

Ion Ratio Lower Upper

276 100

138 26.8 20.3 30.5

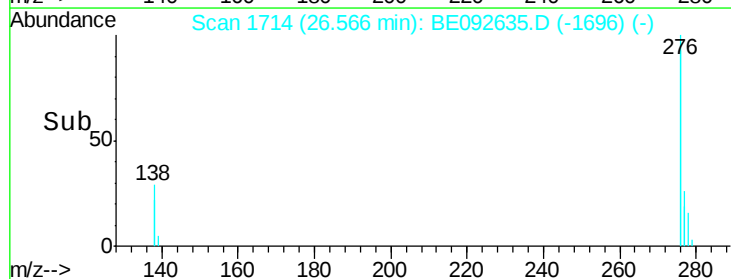
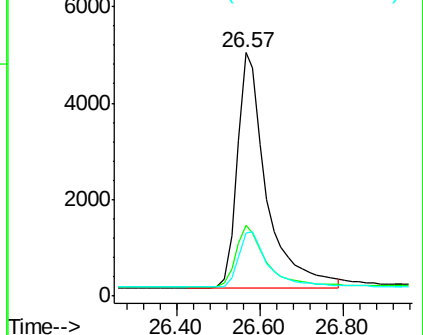
277 24.6 19.7 29.5

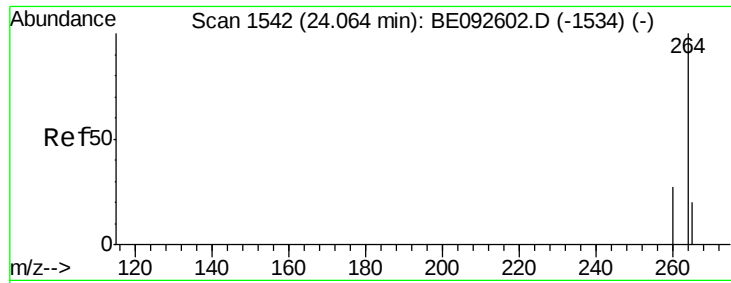


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

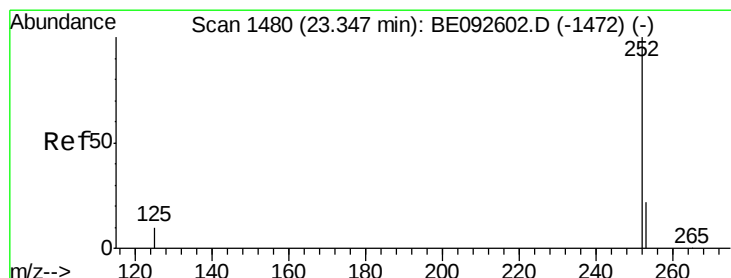
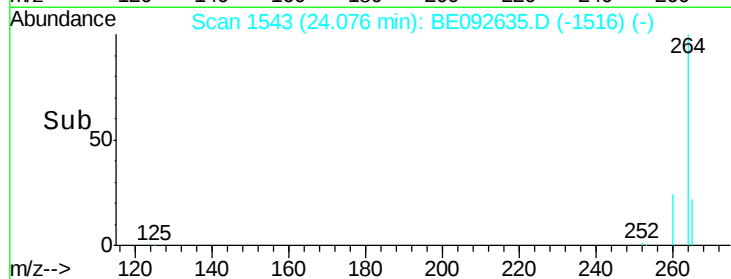
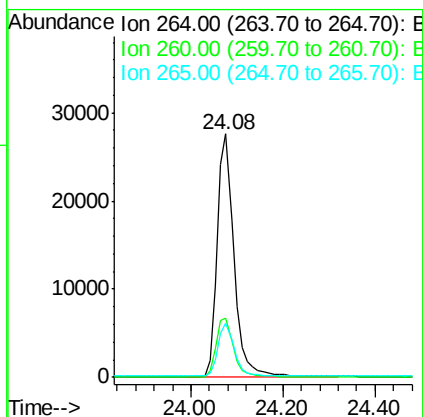
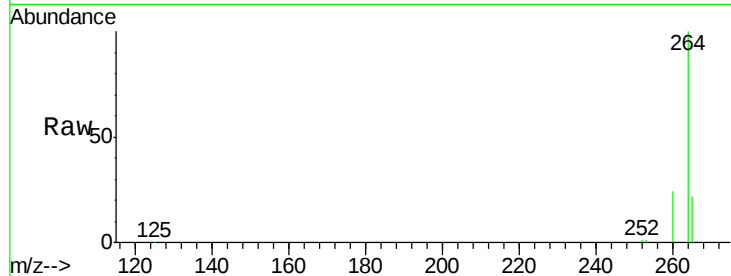




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BE092635.D
 Acq: 6 Jan 2017 16:58

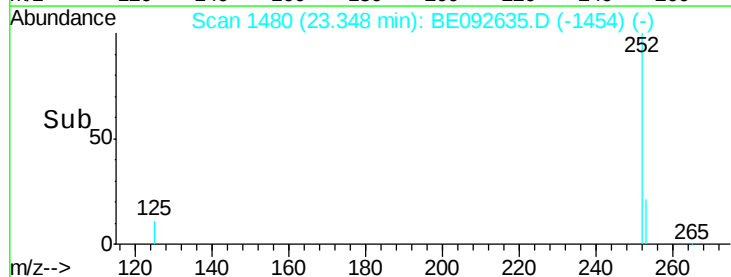
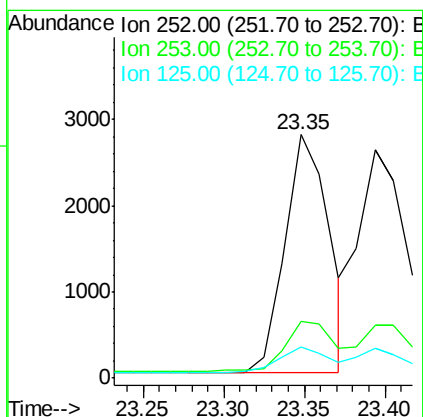
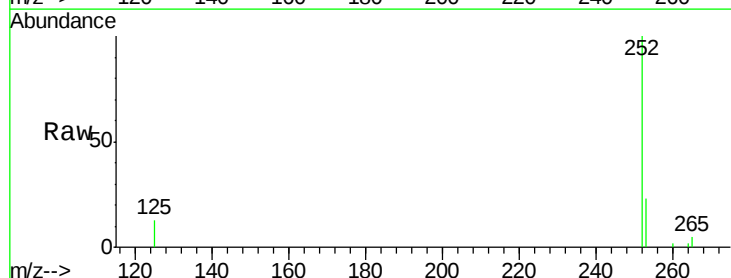
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

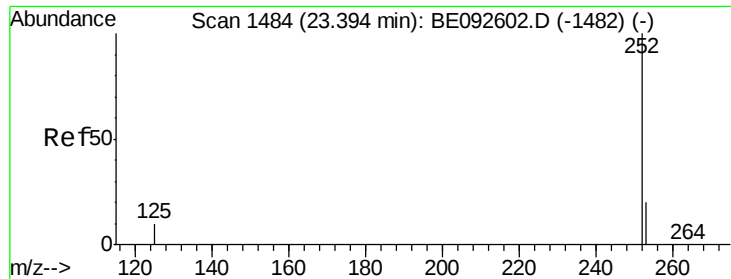
Tgt Ion: 264 Resp: 69351
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.3 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.33 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BE092635.D
 Acq: 6 Jan 2017 16:58

Tgt Ion: 252 Resp: 5282
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.7 28.1
 125 13.0 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.36 ng

RT: 23.39 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

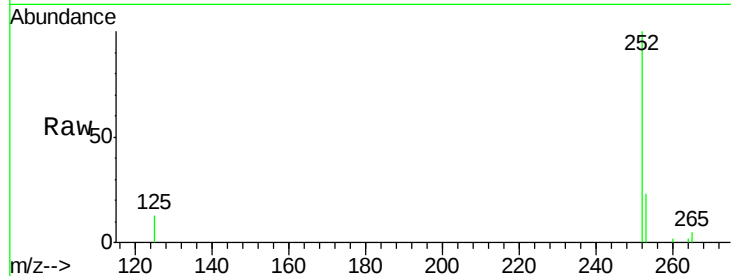
Tgt Ion:252 Resp: 6467

Ion Ratio Lower Upper

252 100

253 23.1 20.3 30.5

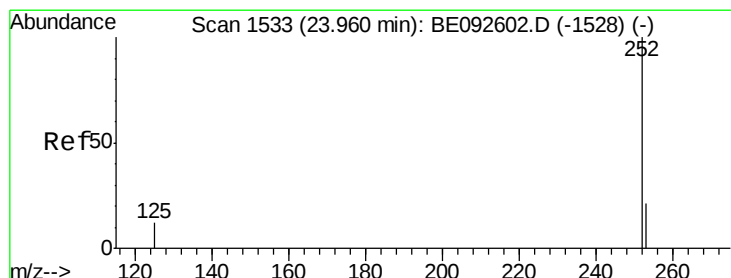
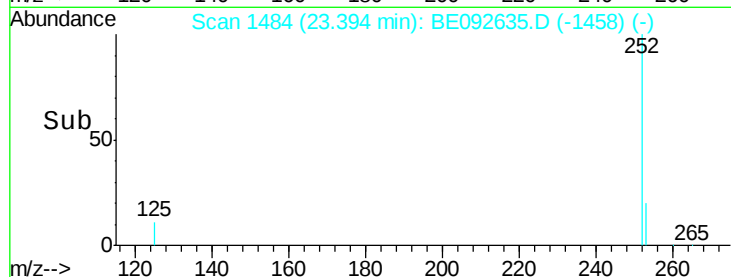
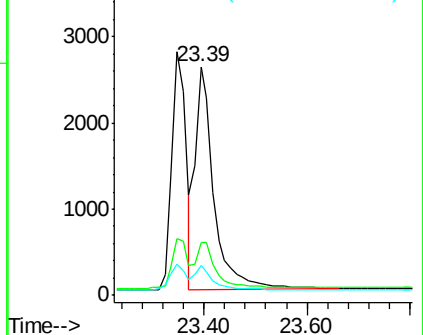
125 13.2 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 0.33 ng

RT: 23.96 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

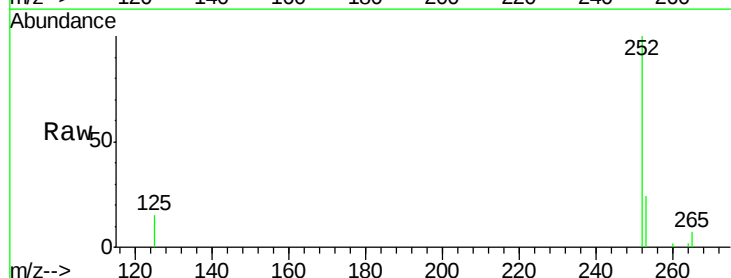
Tgt Ion:252 Resp: 5081

Ion Ratio Lower Upper

252 100

253 24.4 19.0 28.6

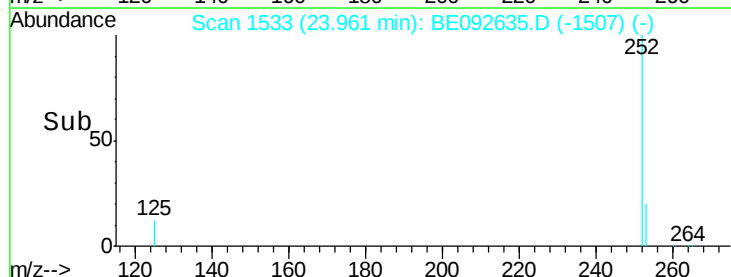
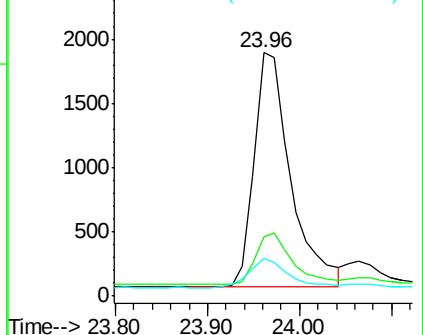
125 15.5 11.8 17.8

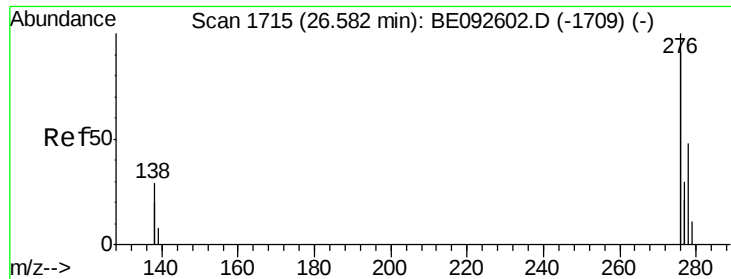


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.32 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

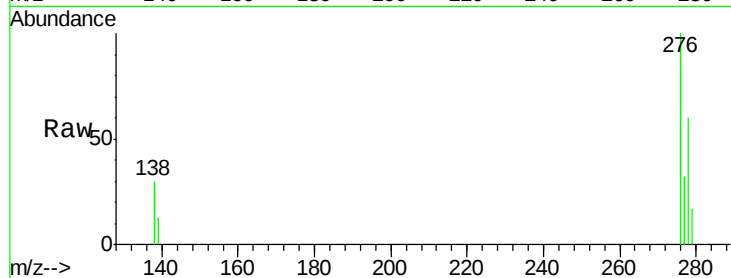
Tgt Ion:278 Resp: 4711

Ion Ratio Lower Upper

278 100

139 21.1 13.8 20.8#

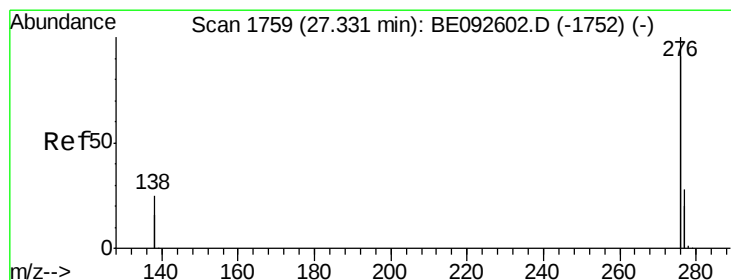
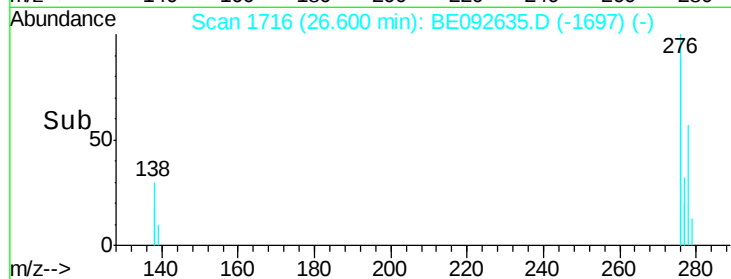
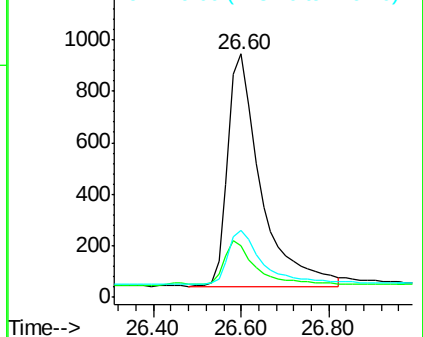
279 27.8 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.34 ng

RT: 27.33 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092635.D

Acq: 6 Jan 2017 16:58

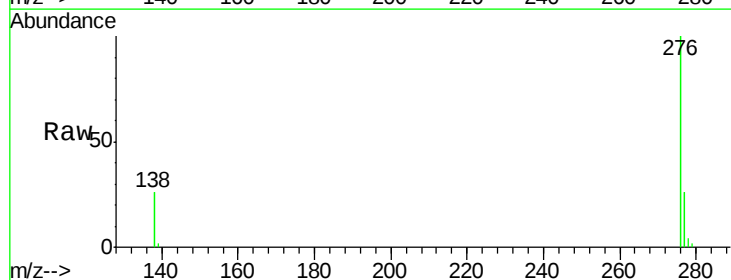
Tgt Ion:276 Resp: 21362

Ion Ratio Lower Upper

276 100

277 26.3 19.8 29.8

138 26.2 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

