

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
 Data File : BE092551.D
 Acq On : 17 Nov 2016 1:55
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 17 04:54:22 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	8.14	152	7165	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	34321	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24565	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	55319	5.00	ng	0.00
24) Chrysene-d12	21.72	240	85566	5.00	ng	0.00
31) Perylene-d12	24.08	264	72921	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	583	0.48	ng	0.00
5) Phenol-d6	7.36	99	750	0.48	ng	0.00
8) Nitrobenzene-d5	9.34	82	806	0.44	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	243	0.44	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	2401	0.40	ng	0.00
26) Terphenyl-d14	20.16	244	3703	0.38	ng	-0.02

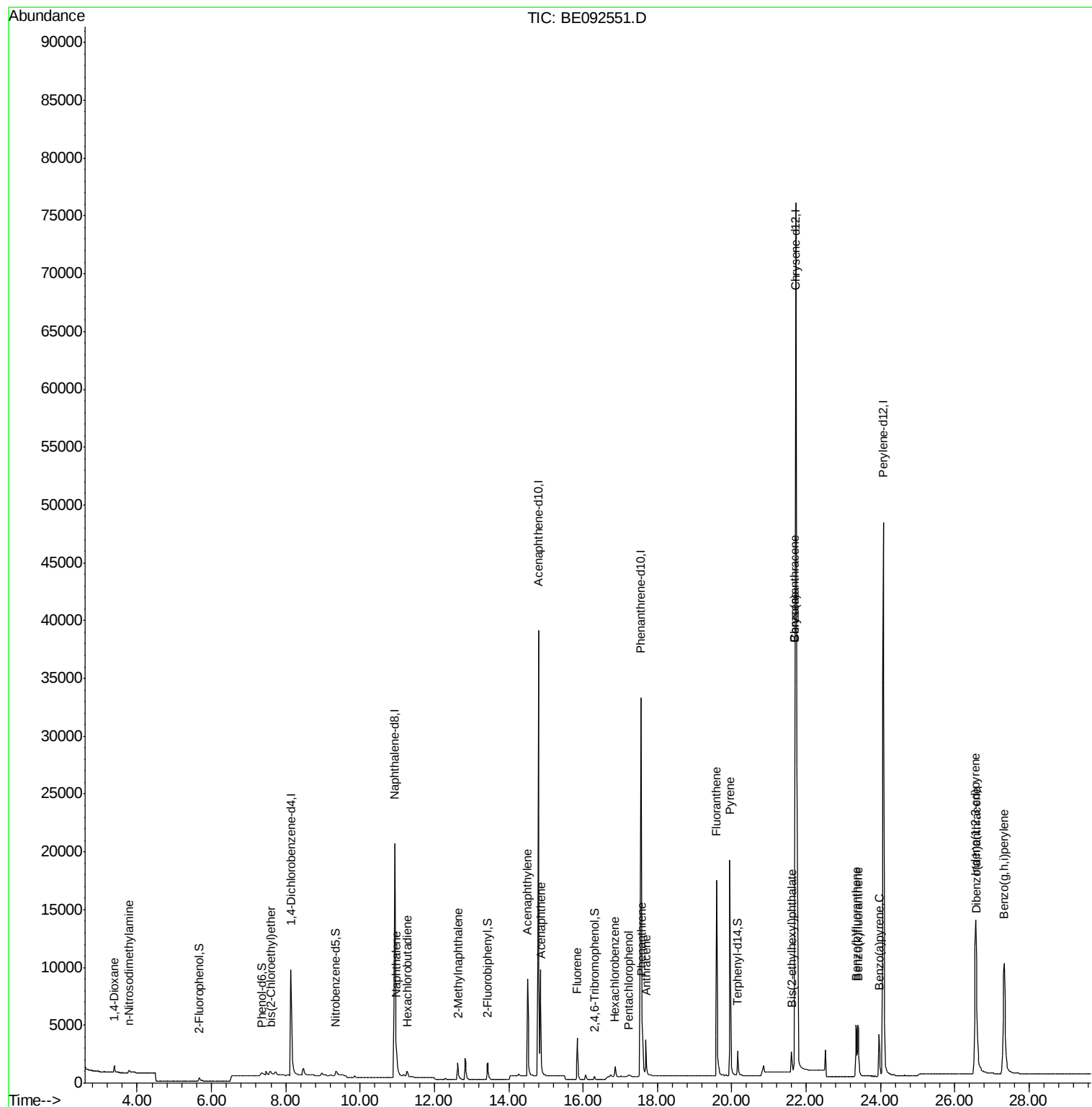
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	487	0.47	ng	87
3) n-Nitrosodimethylamine	3.77	42	386	0.49	ng	# 96
6) bis(2-Chloroethyl)ether	7.59	93	692	0.35	ng	# 29
9) Naphthalene	10.97	128	2846	0.40	ng	# 94
10) Hexachlorobutadiene	11.26	225	462	0.43	ng	98
11) 2-Methylnaphthalene	12.62	142	1834	0.41	ng	96
15) Acenaphthylene	14.51	152	13629	0.40	ng	100
16) Acenaphthene	14.87	154	2245	0.40	ng	96
17) Fluorene	15.85	166	2828	0.41	ng	99
19) Hexachlorobenzene	16.86	284	868	0.40	ng	# 73
20) Pentachlorophenol	17.23	266	207	0.59	ng	98
21) Phenanthrene	17.58	178	5027	0.41	ng	# 78
22) Anthracene	17.69	178	4868	0.42	ng	99
23) Fluoranthene	19.59	202	24497	0.42	ng	99
25) Pyrene	19.95	202	26355	0.39	ng	100
27) Benzo(a)anthracene	21.70	228	59978	0.83	ng	98
28) Chrysene	21.70	228	60270	0.83	ng	# 77
29) Bis(2-ethylhexyl)phthalate	21.61	149	2687	0.59	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.57	276	31278	0.44	ng	98
32) Benzo(b)fluoranthene	23.35	252	6704	0.38	ng	100
33) Benzo(k)fluoranthene	23.39	252	7636	0.41	ng	96
34) Benzo(a)pyrene	23.97	252	6517	0.40	ng	96
35) Dibenzo(a,h)anthracene	26.58	278	6401	0.40	ng	97
36) Benzo(g,h,i)perylene	27.33	276	27054	0.39	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

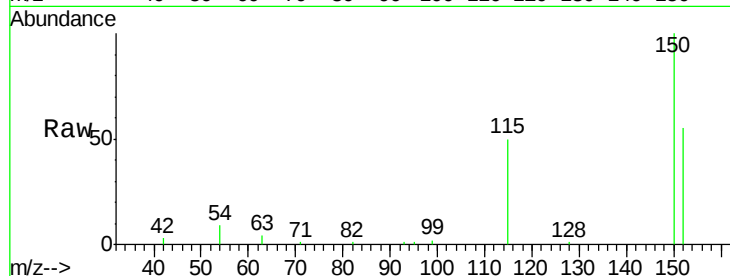
Tgt Ion:152 Resp: 7165

Ion Ratio Lower Upper

152 100

150 181.4 106.0 159.0#

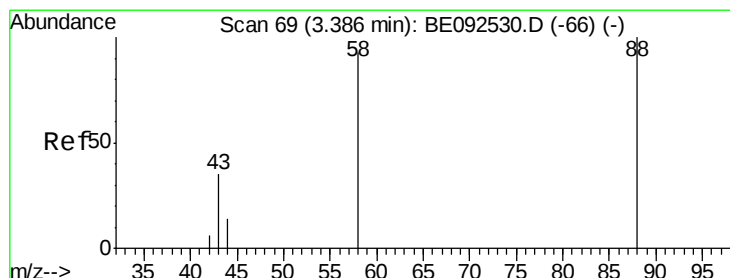
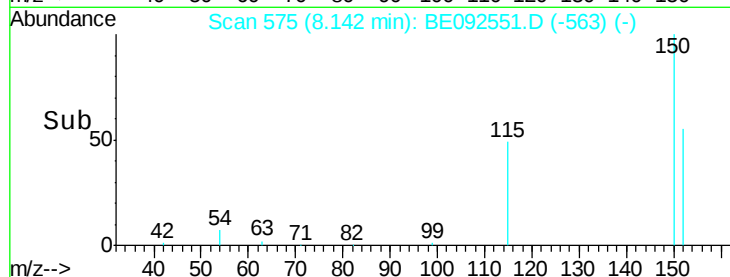
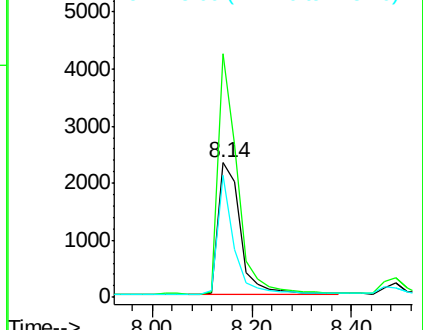
115 90.6 31.2 46.8#



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: 0.47 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

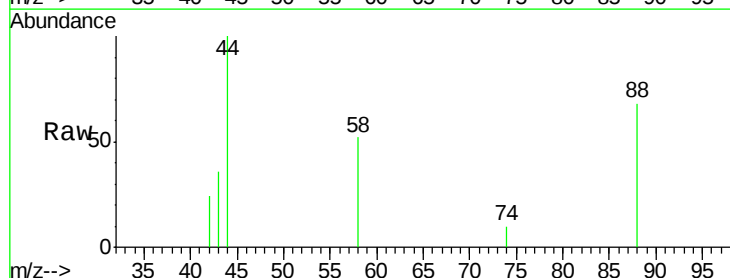
Tgt Ion: 88 Resp: 487

Ion Ratio Lower Upper

88 100

58 67.8 63.6 95.4

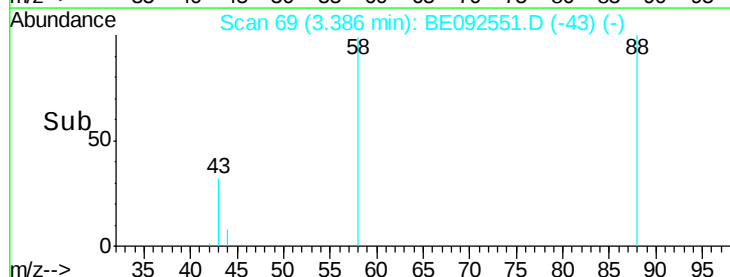
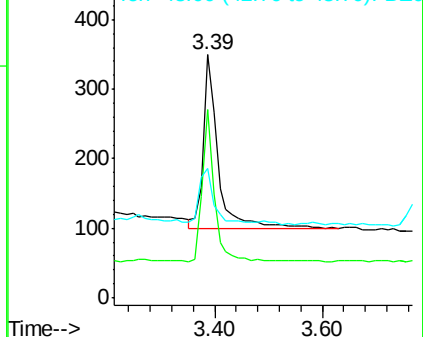
43 28.5 28.0 42.0

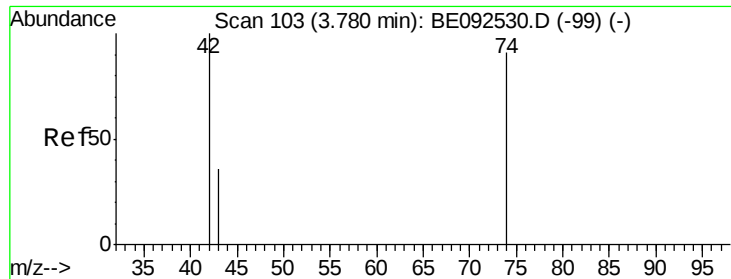


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.49 ng

RT: 3.77 min Scan# 102

Delta R.T. -0.01 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

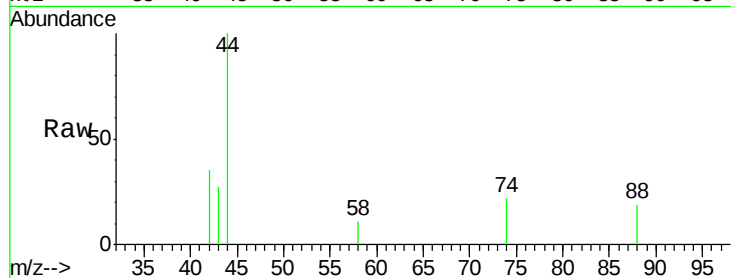
Tgt Ion: 42 Resp: 386

Ion Ratio Lower Upper

42 100

74 104.1 86.0 129.0

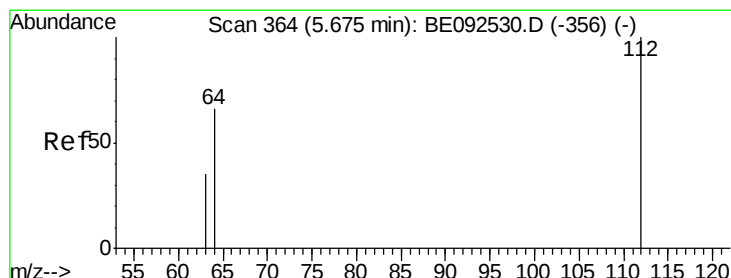
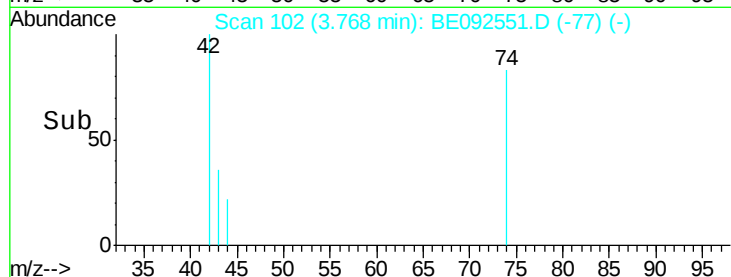
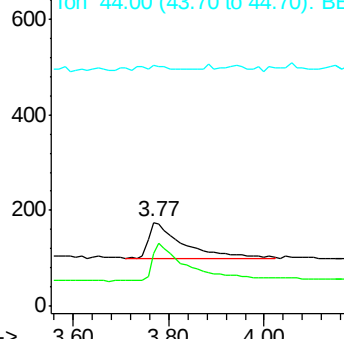
44 13.7 5.1 7.7#



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: 0.48 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

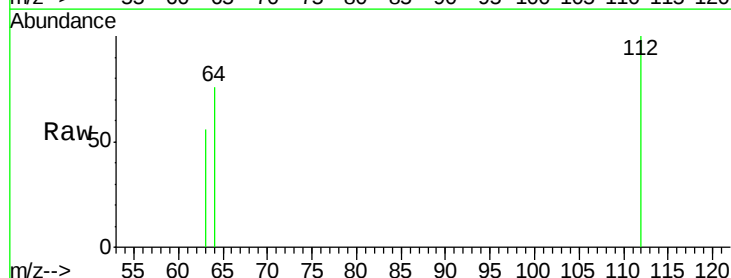
Tgt Ion: 112 Resp: 583

Ion Ratio Lower Upper

112 100

64 64.8 53.5 80.3

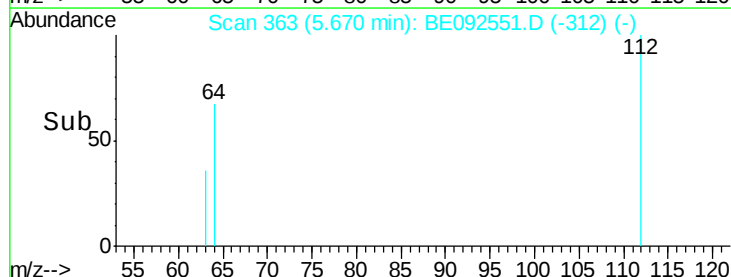
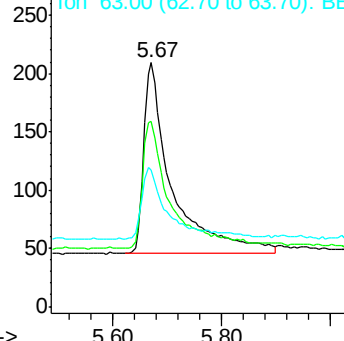
63 31.7 27.9 41.9

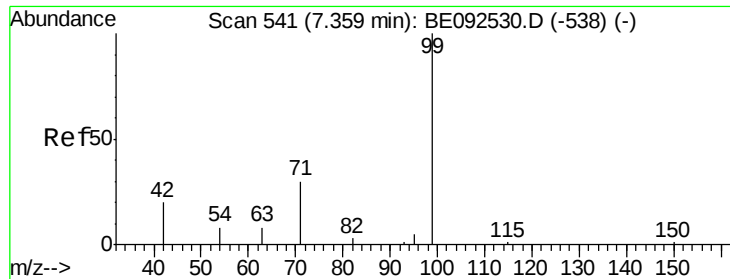


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.48 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

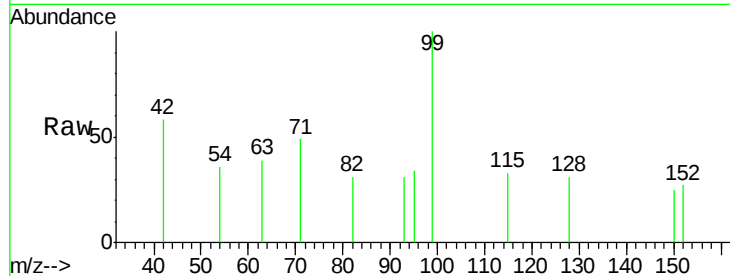
Tgt Ion: 99 Resp: 750

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



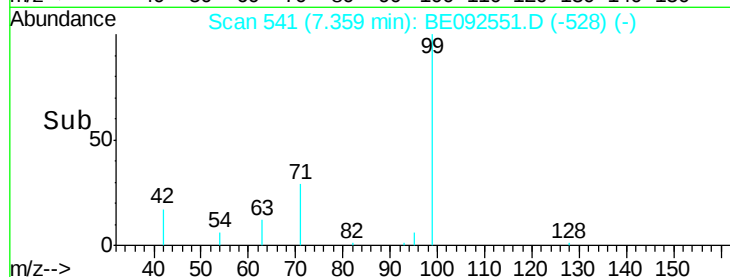
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

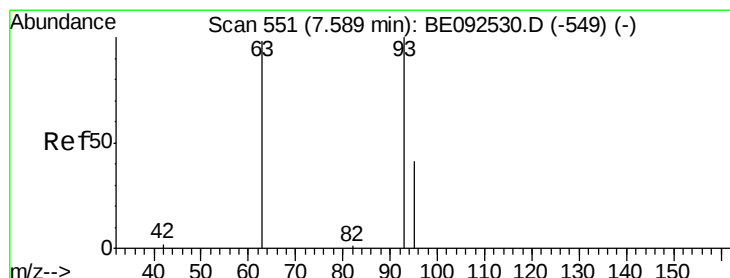
Ion 71.00 (70.70 to 71.70): BE0

Time-->

7.20 7.40 7.60



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.35 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

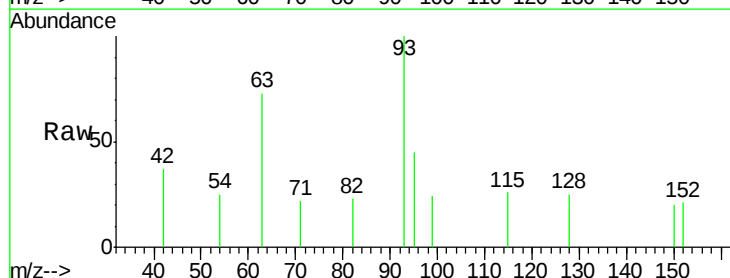
Tgt Ion: 93 Resp: 692

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

95 29.8 24.0 36.0



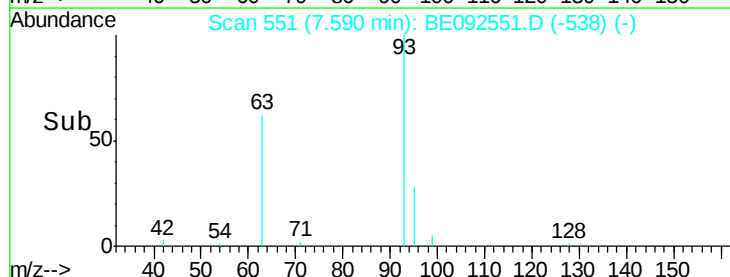
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

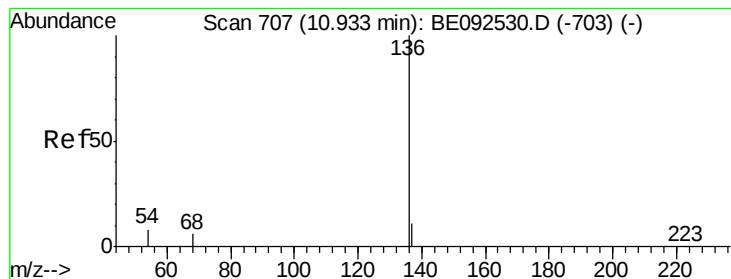
Ion 95.00 (94.70 to 95.70): BE0

Time-->

7.50 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: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 34321

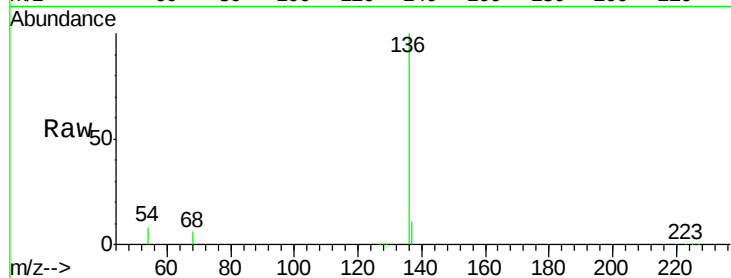
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.9 9.6 14.4#

68 5.8 6.7 10.1#

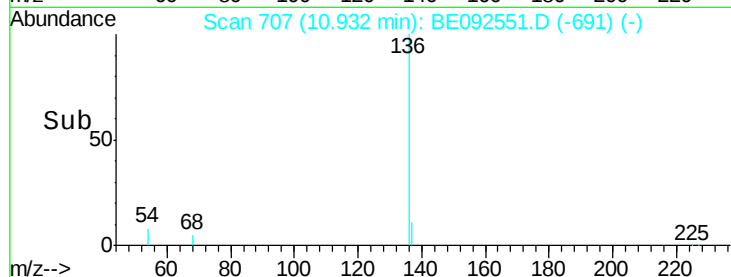


Abundance Ion 136.00 (135.70 to 136.70): E

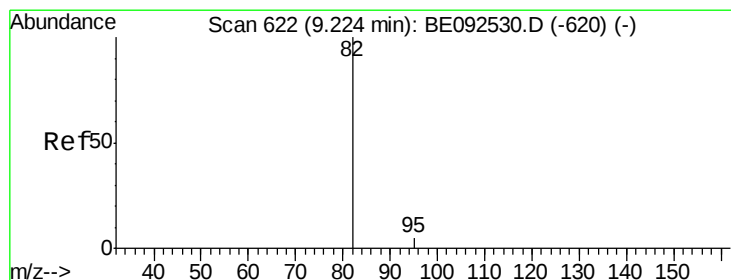
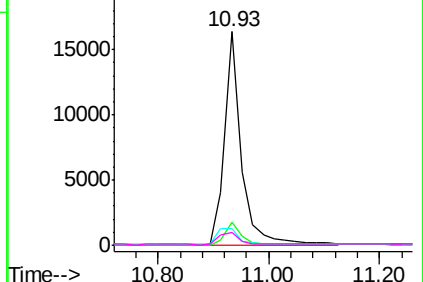
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.44 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

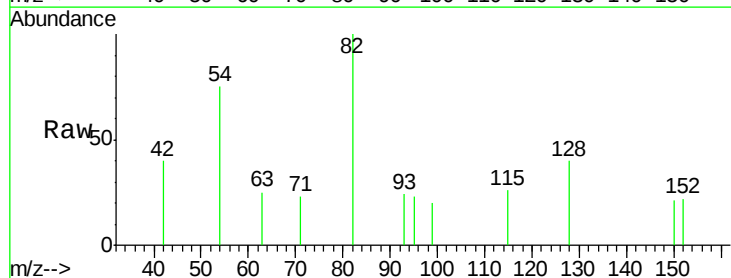
Tgt Ion: 82 Resp: 806

Ion Ratio Lower Upper

82 100

128 40.3 39.0 58.4

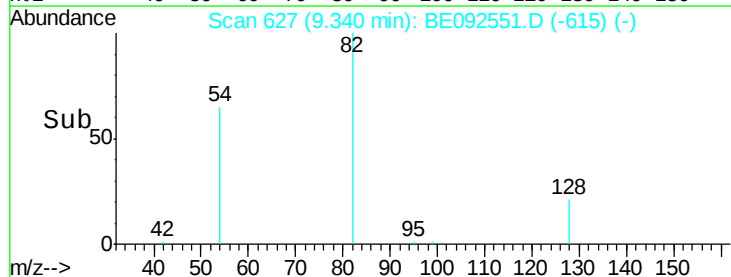
54 75.3 44.8 67.2#



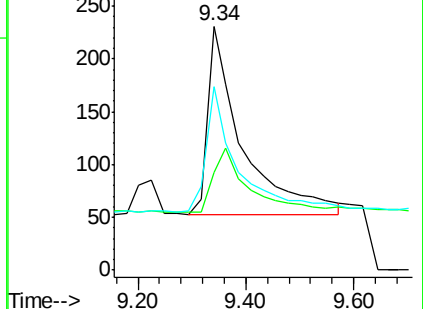
Abundance Ion 82.00 (81.70 to 82.70): BE0

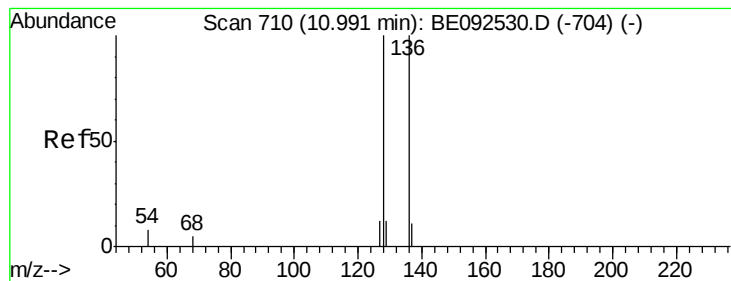
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#9

Naphthalene

Concen: 0.40 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

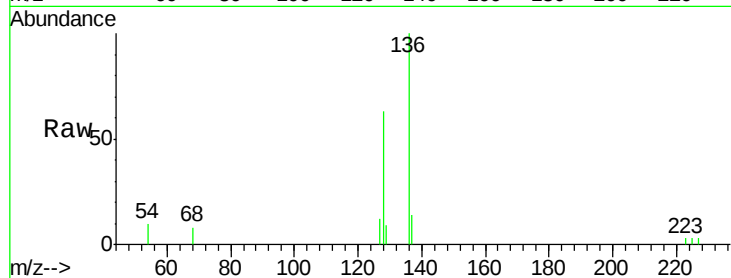
Tgt Ion:128 Resp: 2846

Ion Ratio Lower Upper

128 100

129 14.6 11.2 16.8

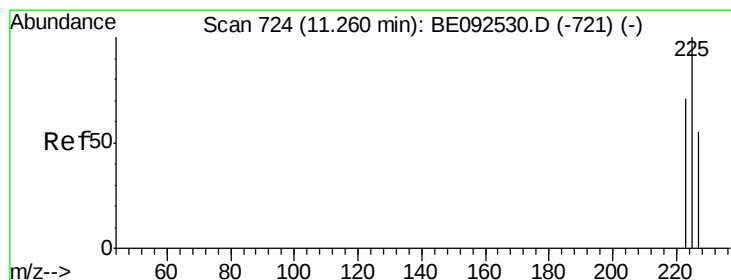
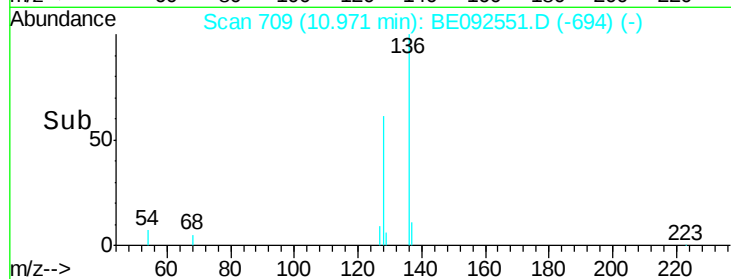
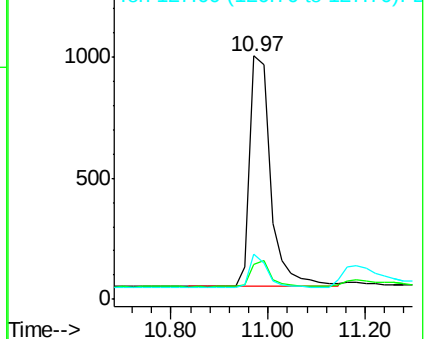
127 18.3 11.6 17.4#



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: 0.43 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

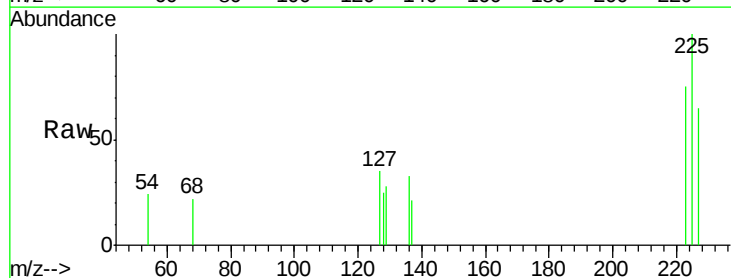
Tgt Ion:225 Resp: 462

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

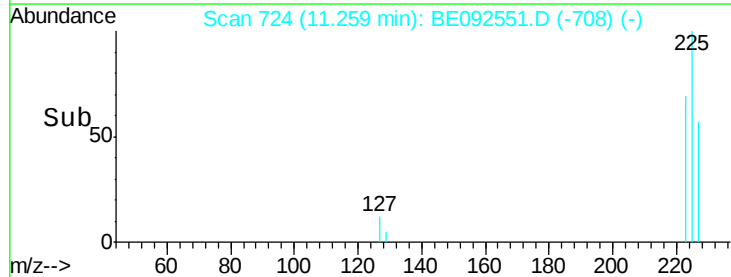
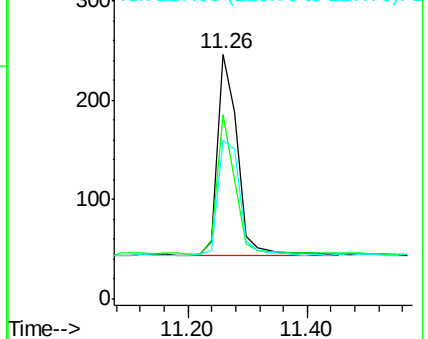
227 62.6 51.4 77.0



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: 0.41 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.01 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

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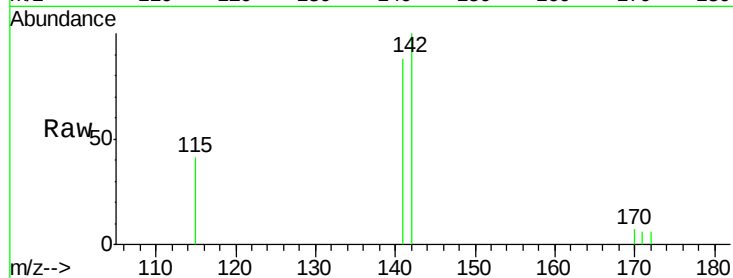
Tgt Ion:142 Resp: 1834

Ion Ratio Lower Upper

142 100

141 88.4 73.7 110.5

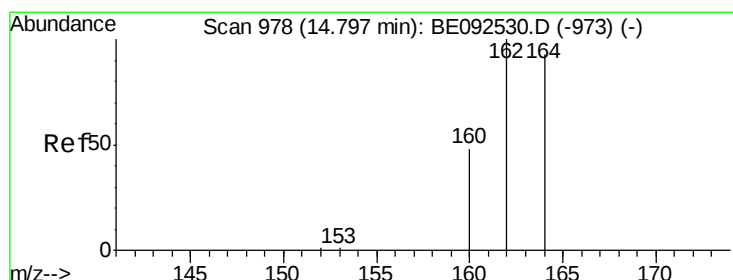
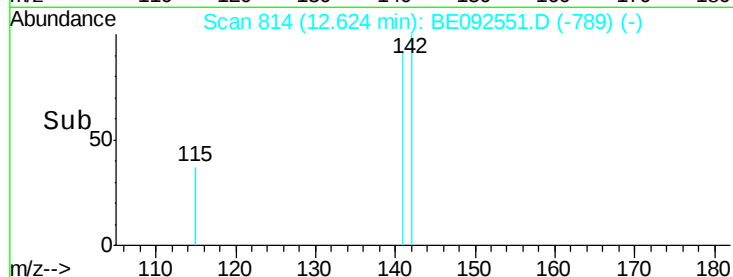
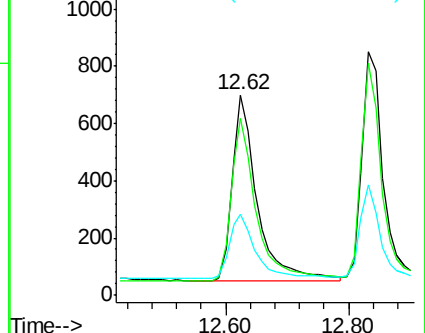
115 40.7 34.0 51.0



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: BE092551.D

Acq: 17 Nov 2016 1:55

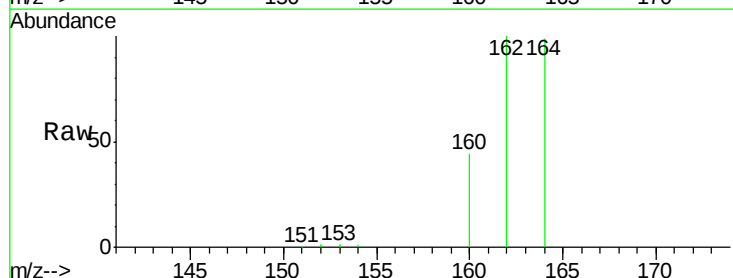
Tgt Ion:164 Resp: 24565

Ion Ratio Lower Upper

164 100

162 101.3 71.4 107.0

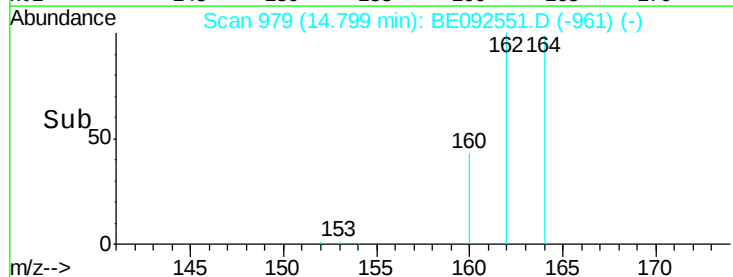
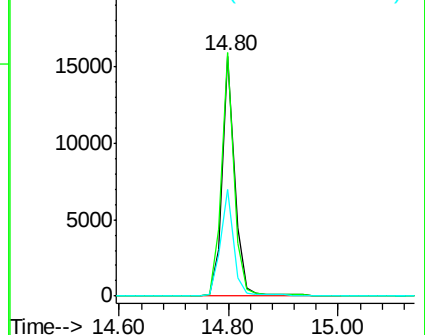
160 44.2 27.4 41.2#

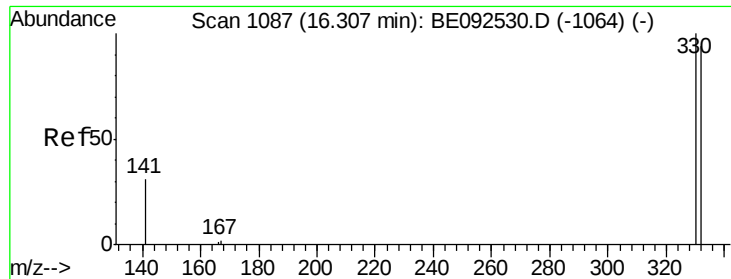


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

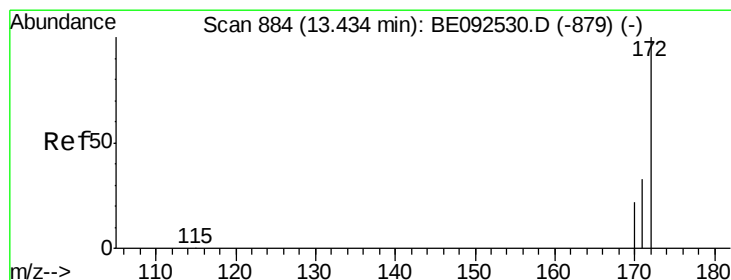
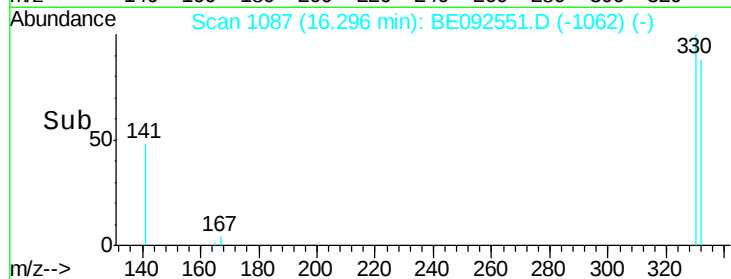
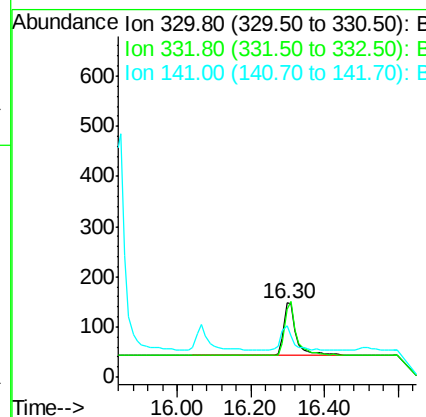
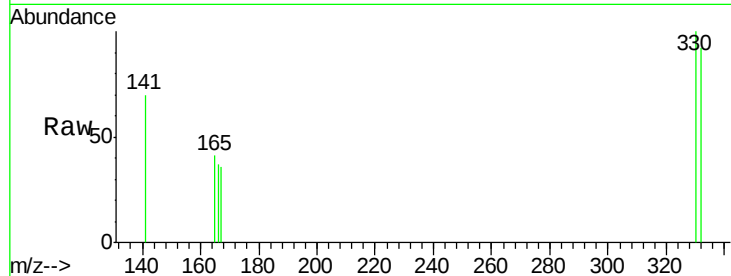




#13
 2,4,6-Tribromophenol
 Concen: 0.44 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092551.D
 Acq: 17 Nov 2016 1:55

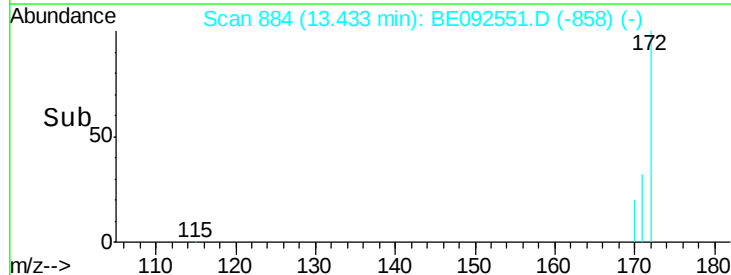
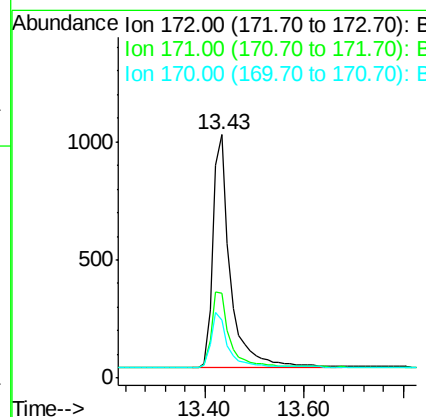
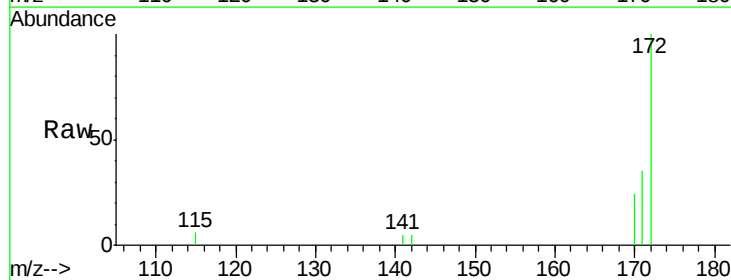
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

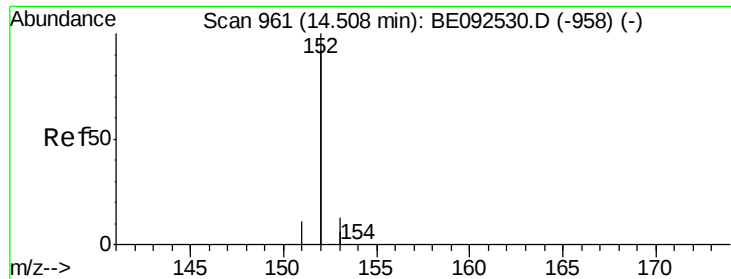
Tgt Ion: 330 Resp: 243
 Ion Ratio Lower Upper
 330 100
 332 100.8 75.4 113.0
 141 47.3 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BE092551.D
 Acq: 17 Nov 2016 1:55

Tgt Ion: 172 Resp: 2401
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.1 45.1
 170 23.9 21.8 32.6





#15

Acenaphthylene

Concen: 0.40 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

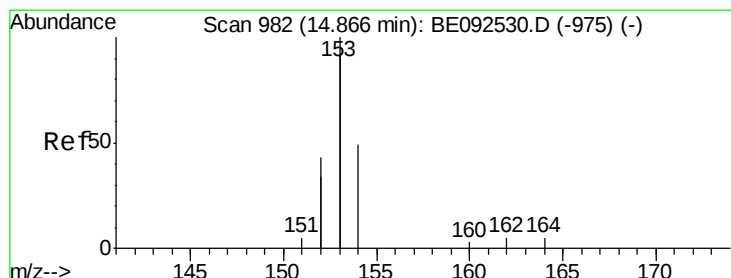
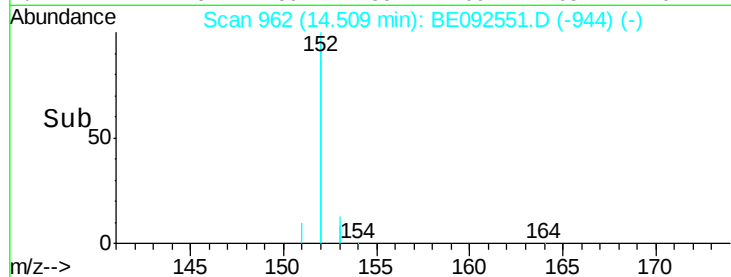
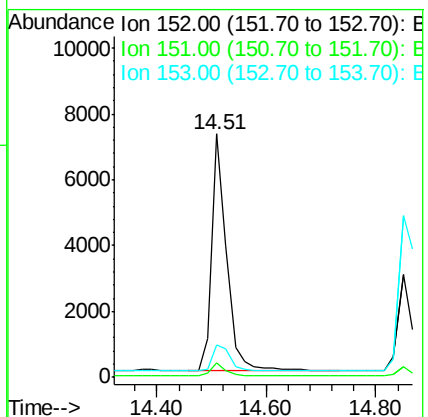
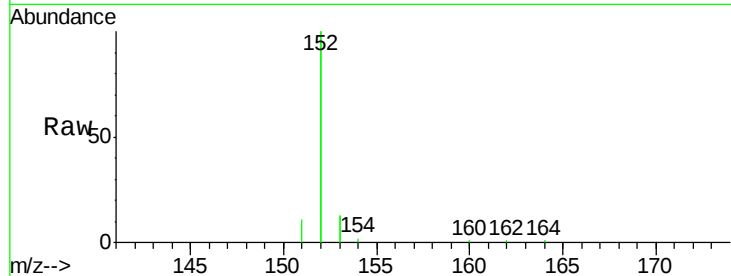
Tgt Ion:152 Resp: 13629

Ion Ratio Lower Upper

152 100

151 5.1 3.9 5.9

153 13.0 10.4 15.6



#16

Acenaphthene

Concen: 0.40 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

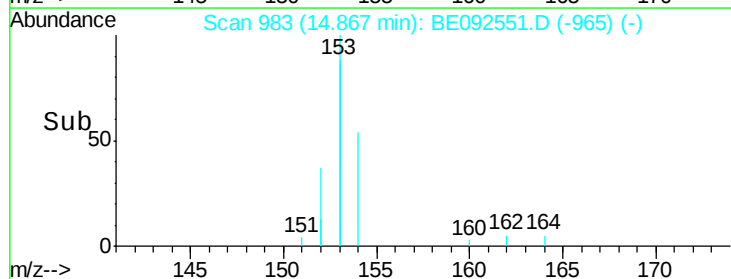
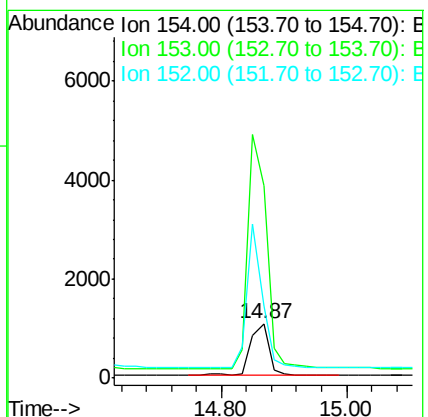
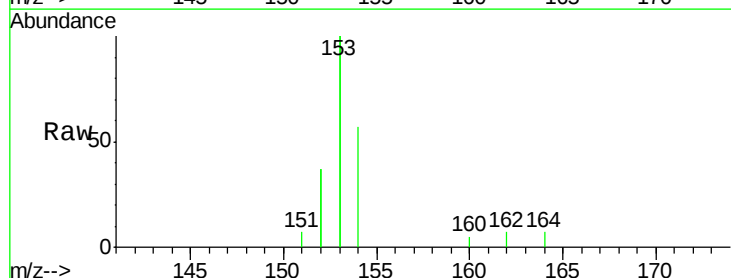
Tgt Ion:154 Resp: 2245

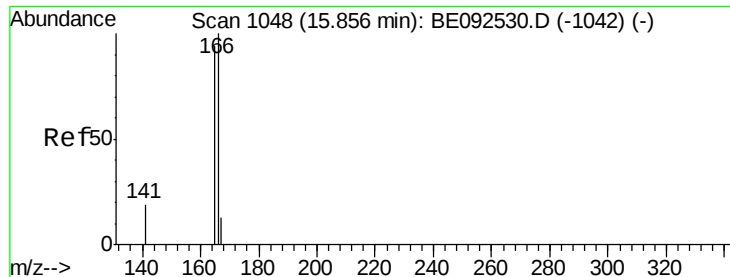
Ion Ratio Lower Upper

154 100

153 433.7 350.8 526.2

152 225.4 171.1 256.7

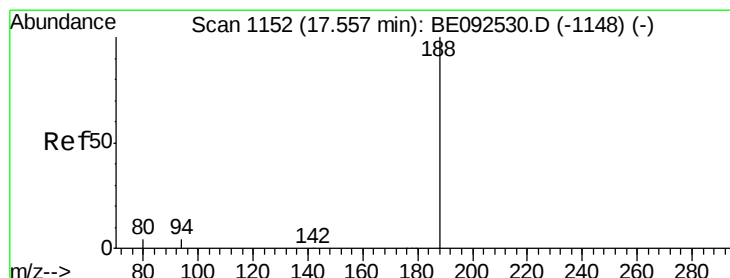
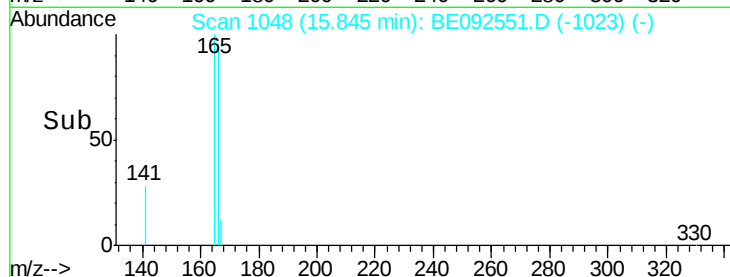
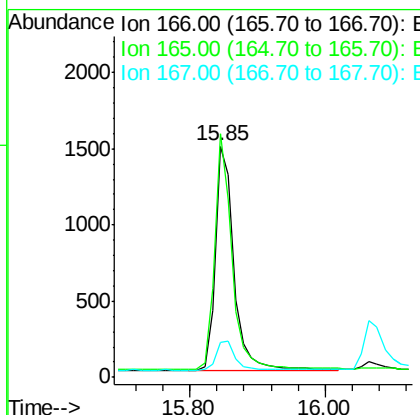
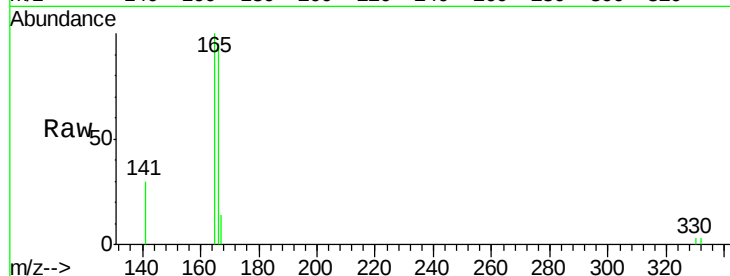




#17
Fluorene
 Concen: 0.41 ng
 RT: 15.85 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092551.D
 Acq: 17 Nov 2016 1:55

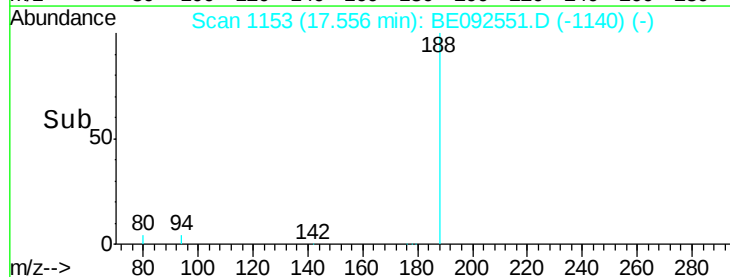
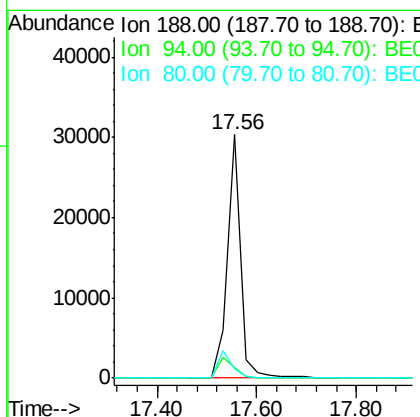
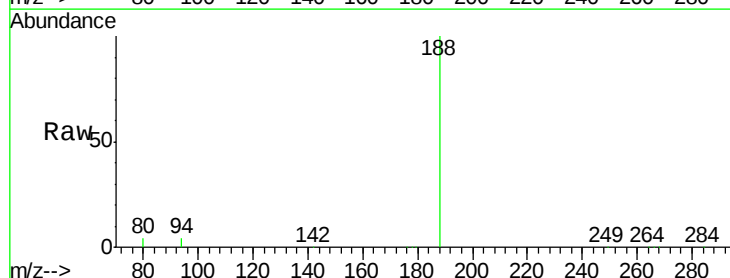
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:166 Resp: 2828
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.2 117.4
 167 13.5 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: BE092551.D
 Acq: 17 Nov 2016 1:55

Tgt Ion:188 Resp: 55319
 Ion Ratio Lower Upper
 188 100
 94 4.4 3.2 4.8
 80 3.8 2.6 3.8

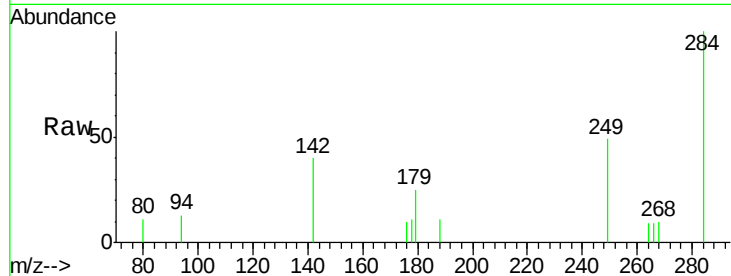




#19
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092551.D
Acq: 17 Nov 2016 1:55

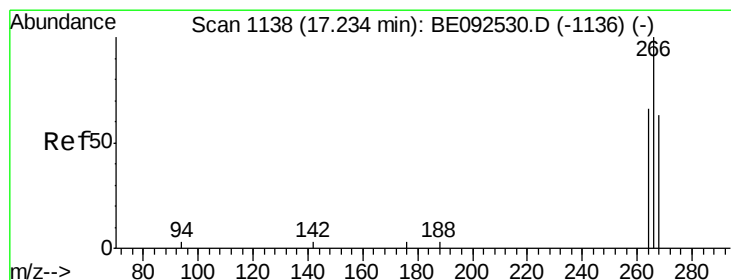
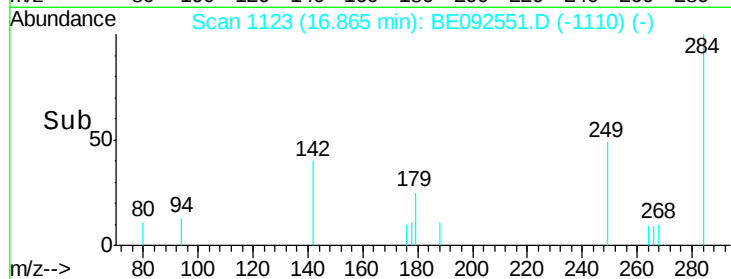
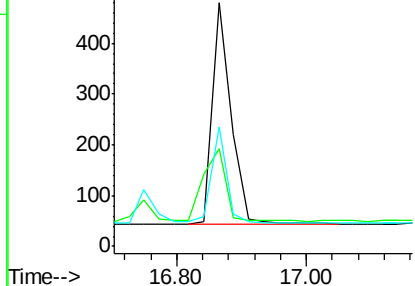
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 868
Ion Ratio Lower Upper
284 100
142 55.3 29.1 43.7#
249 47.5 27.9 41.9#



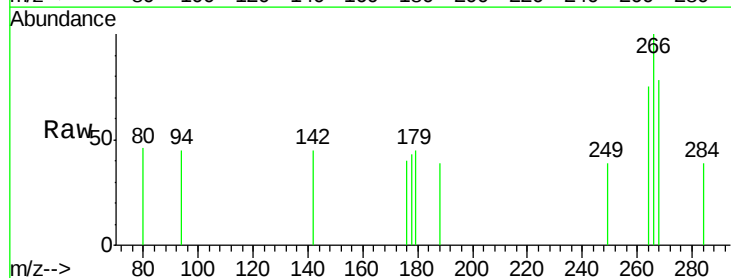
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

16.86



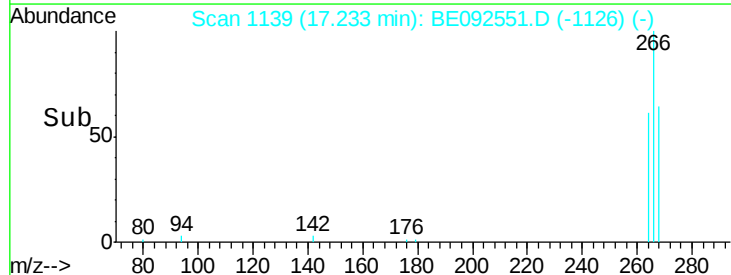
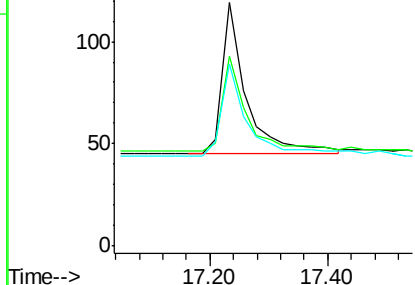
#20
Pentachlorophenol
Concen: 0.59 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092551.D
Acq: 17 Nov 2016 1:55

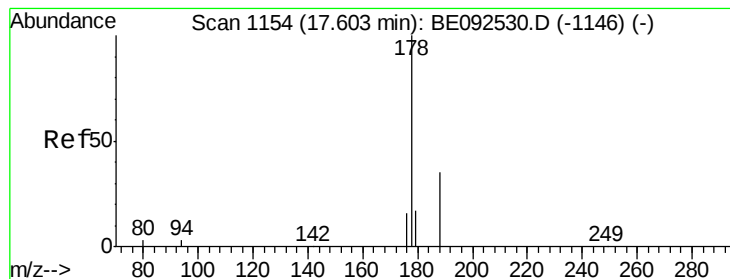
Tgt Ion: 266 Resp: 207
Ion Ratio Lower Upper
266 100
268 78.2 62.5 93.7
264 74.8 57.2 85.8



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

17.23





#21

Phenanthrene

Concen: 0.41 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

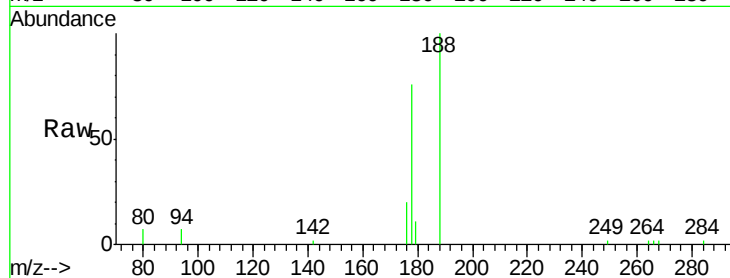
Tgt Ion:178 Resp: 5027

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

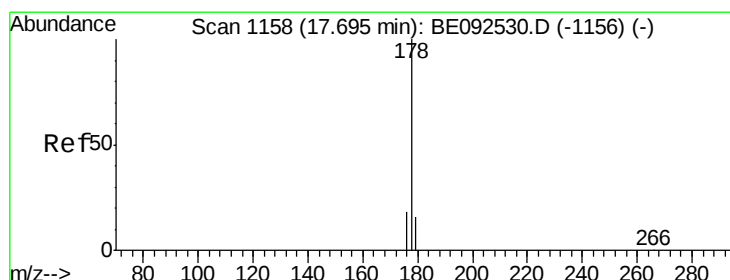
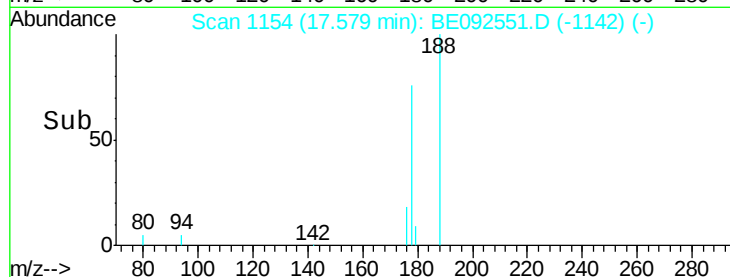
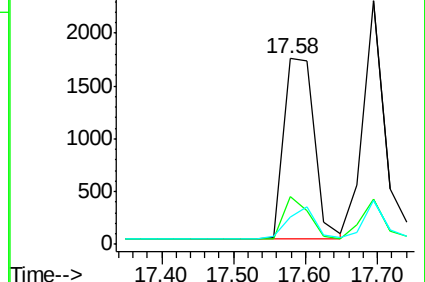
179 0.0 16.0 24.0#



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: 0.42 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

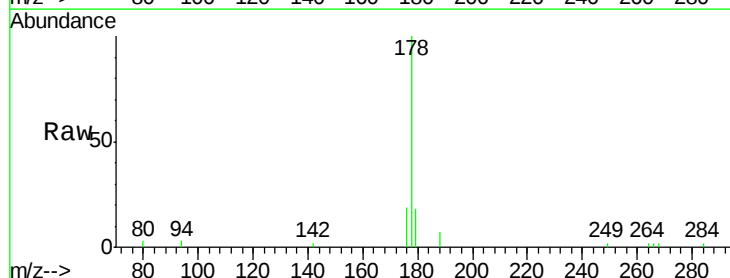
Tgt Ion:178 Resp: 4868

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

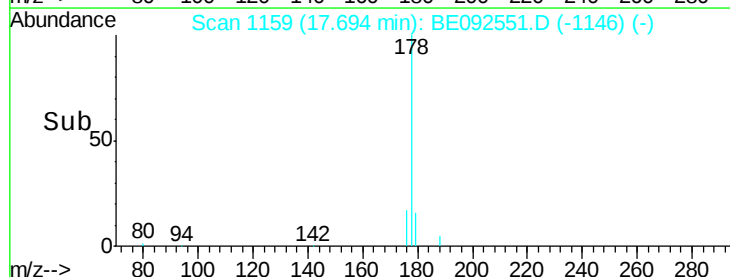
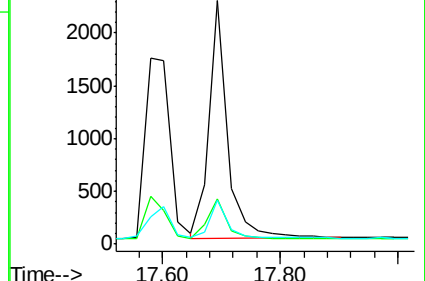
179 16.1 12.2 18.2

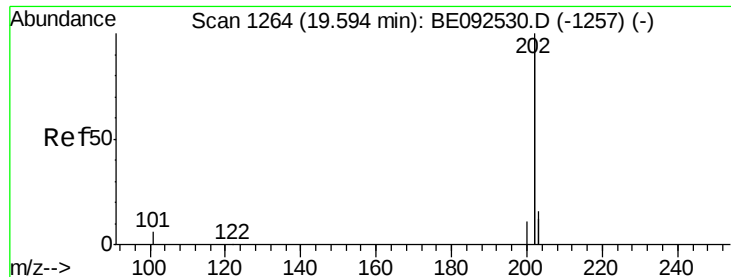


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

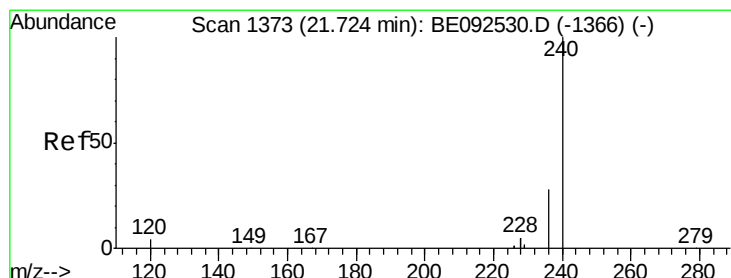
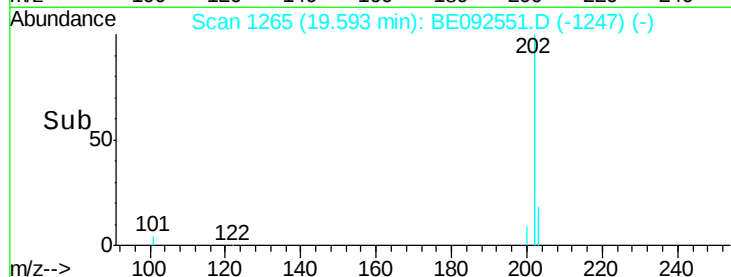
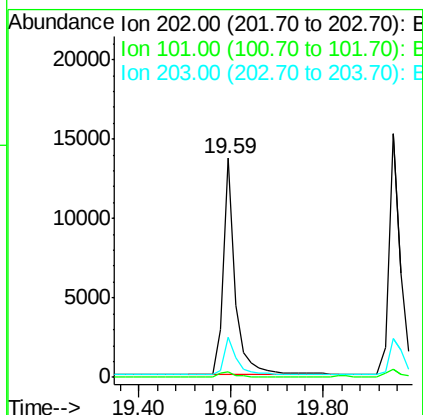
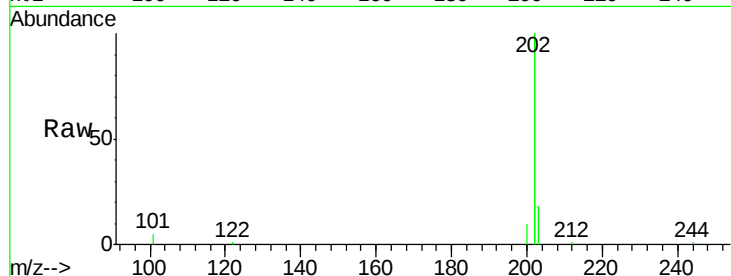




#23
Fluoranthene
Concen: 0.42 ng
RT: 19.59 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE092551.D
Acq: 17 Nov 2016 1:55

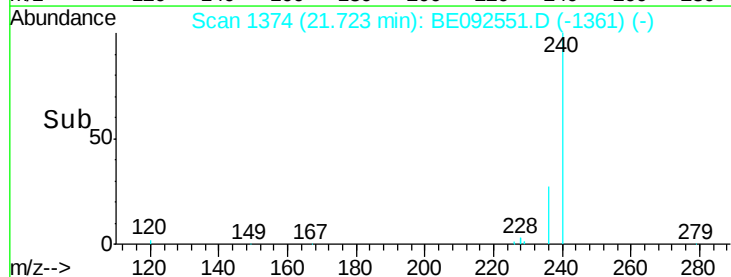
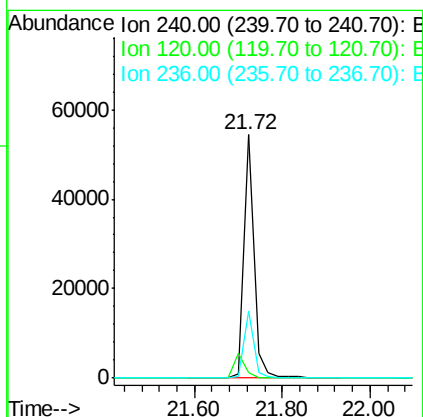
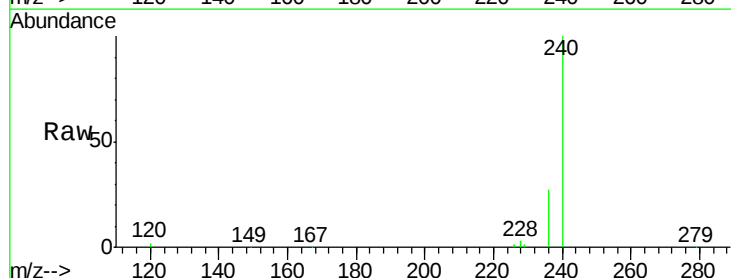
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 202 Resp: 24497
Ion Ratio Lower Upper
202 100
101 2.9 2.2 3.4
203 17.7 13.7 20.5



#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092551.D
Acq: 17 Nov 2016 1:55

Tgt Ion: 240 Resp: 85566
Ion Ratio Lower Upper
240 100
120 2.3 2.6 4.0#
236 27.4 24.6 37.0

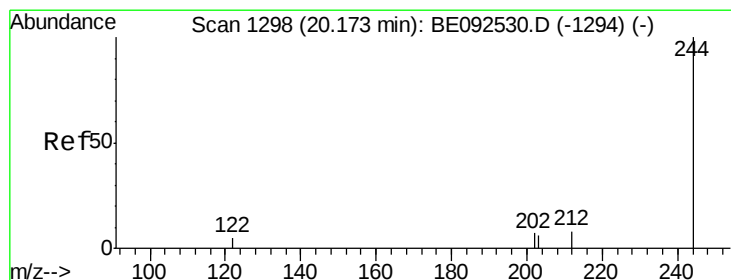
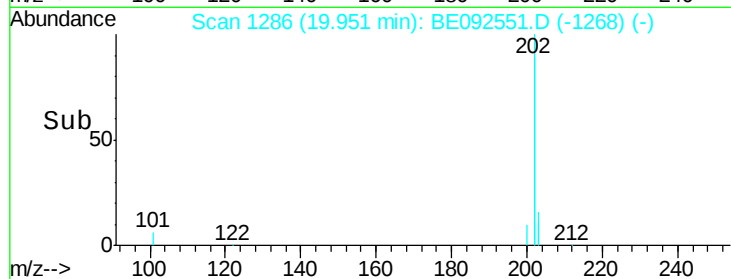
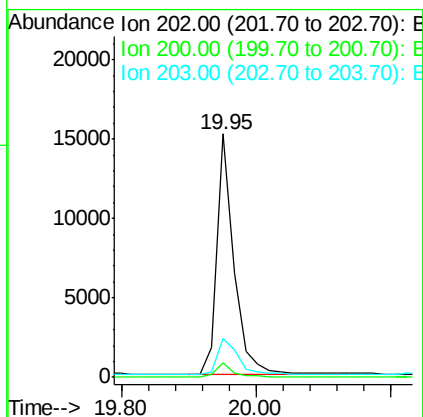
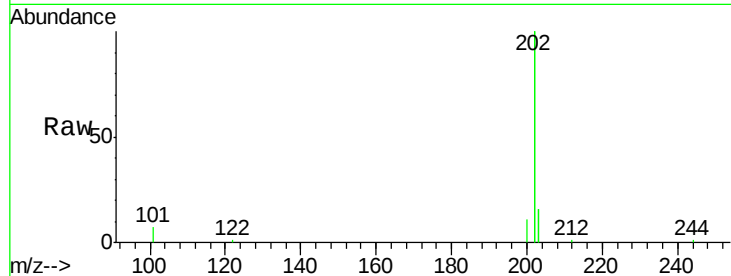




#25
 Pyrene
 Concen: 0.39 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BE092551.D
 Acq: 17 Nov 2016 1:55

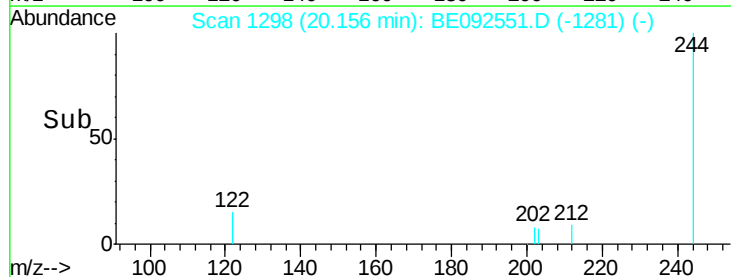
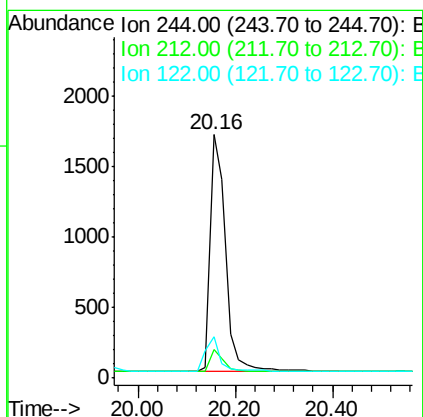
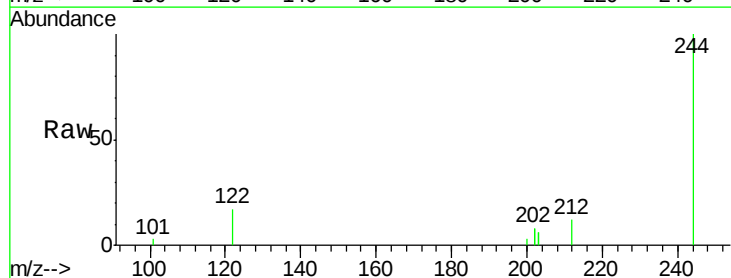
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

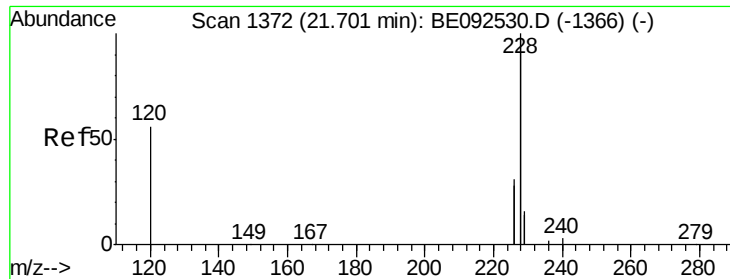
Tgt Ion: 202 Resp: 26355
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.5 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.38 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092551.D
 Acq: 17 Nov 2016 1:55

Tgt Ion: 244 Resp: 3703
 Ion Ratio Lower Upper
 244 100
 212 11.9 6.7 10.1#
 122 17.0 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.83 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

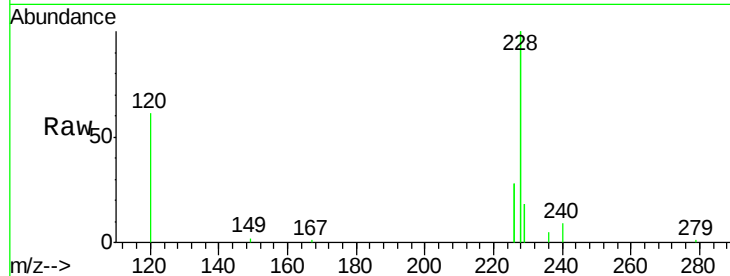
Tgt Ion:228 Resp: 59978

Ion Ratio Lower Upper

228 100

226 28.2 23.6 35.4

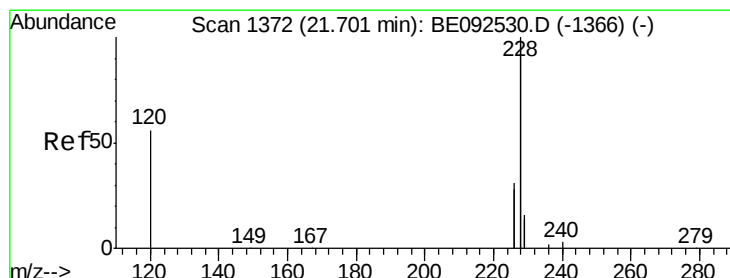
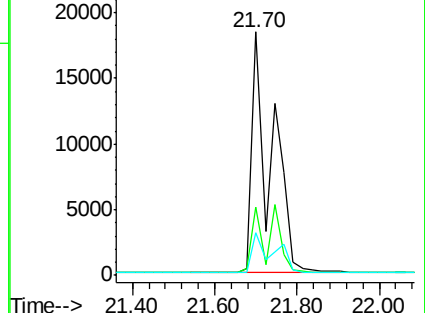
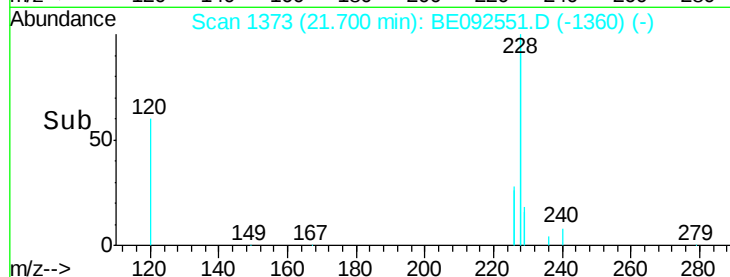
229 17.7 13.3 19.9



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: 0.83 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

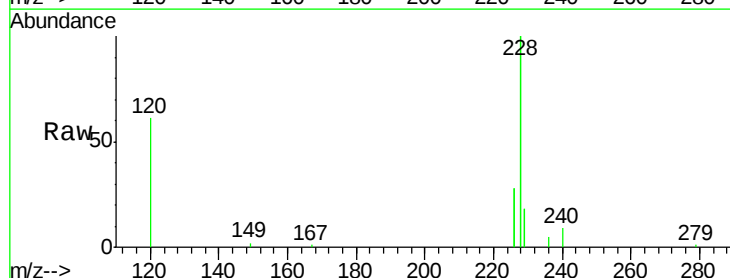
Tgt Ion:228 Resp: 60270

Ion Ratio Lower Upper

228 100

226 28.2 36.3 54.5#

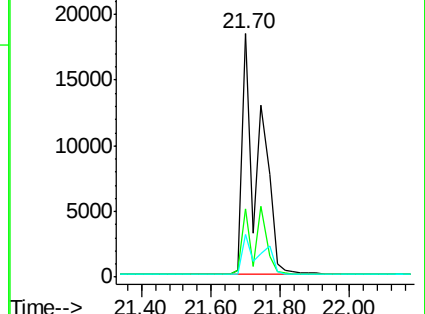
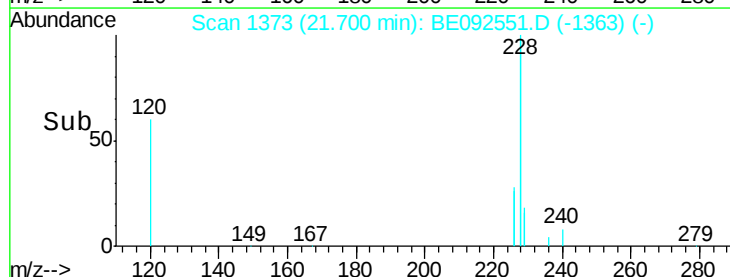
229 17.7 10.6 16.0#



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: 0.59 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

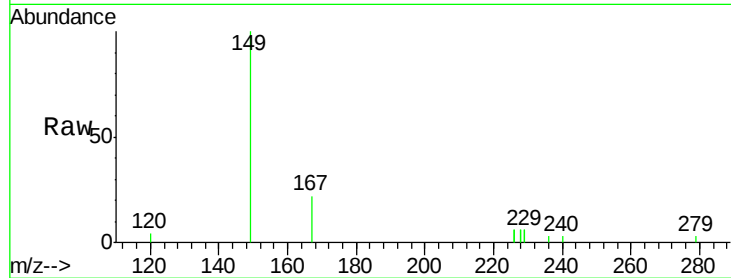
Tgt Ion:149 Resp: 2687

Ion Ratio Lower Upper

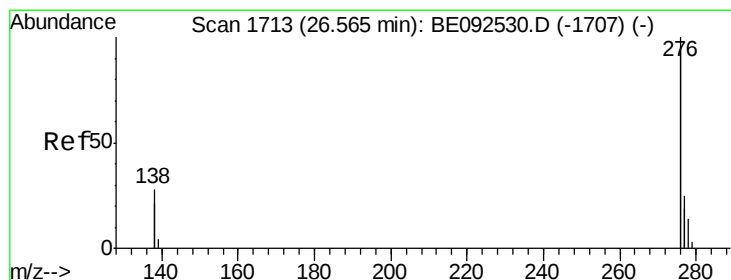
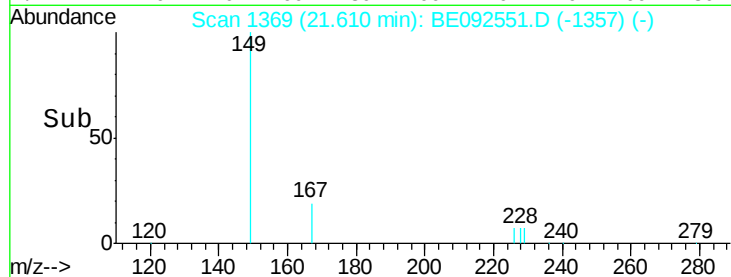
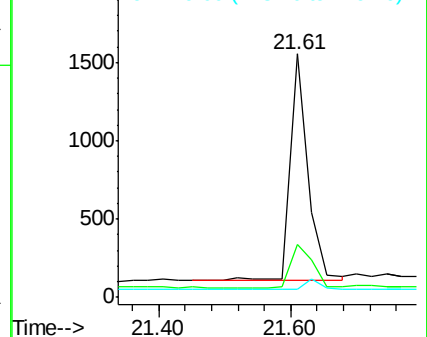
149 100

167 23.4 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: 26.57 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

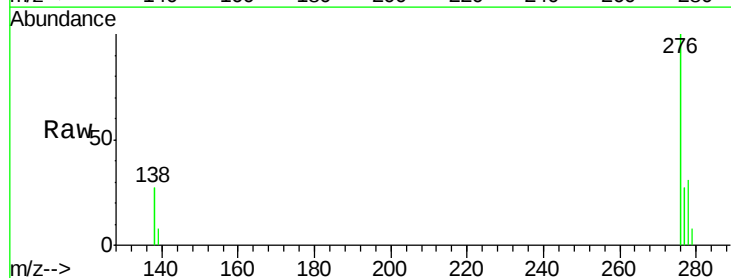
Tgt Ion:276 Resp: 31278

Ion Ratio Lower Upper

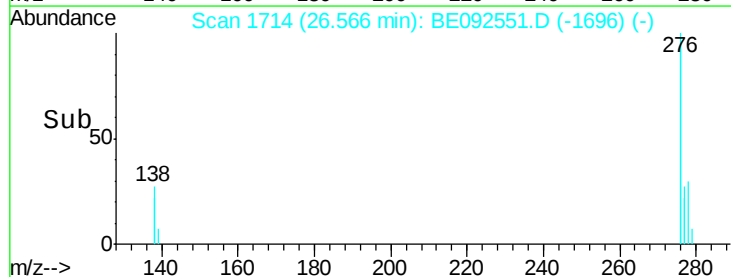
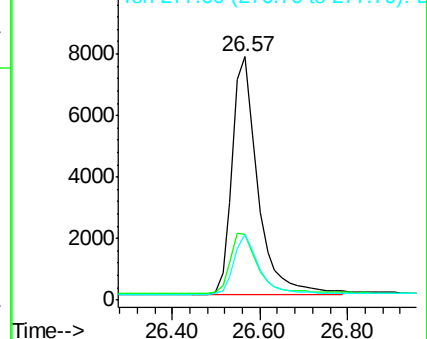
276 100

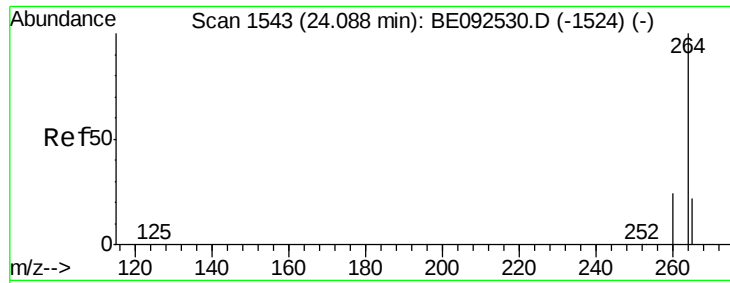
138 27.5 20.3 30.5

277 24.4 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

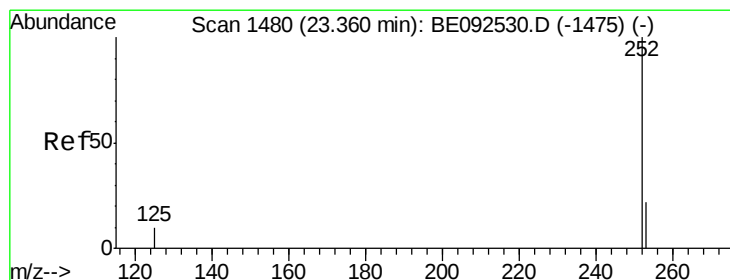
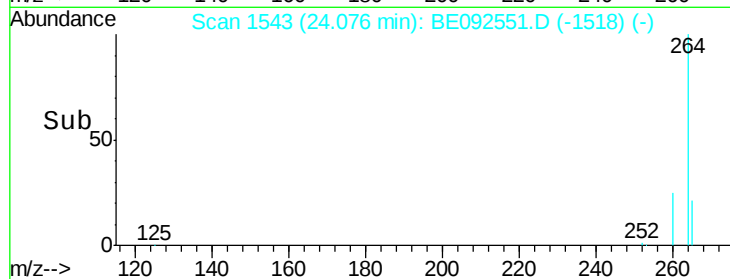
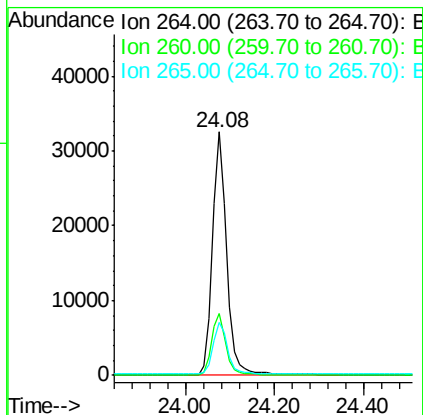
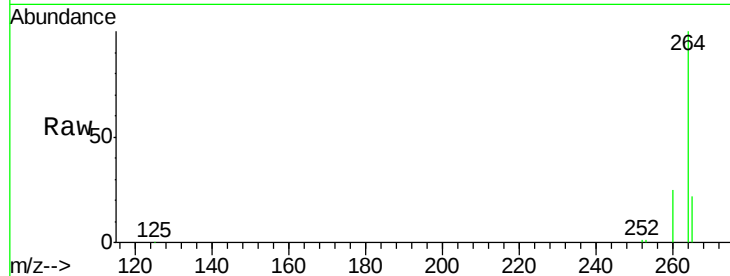




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092551.D
 Acq: 17 Nov 2016 1:55

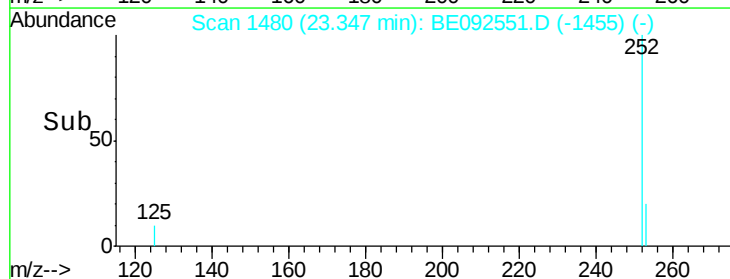
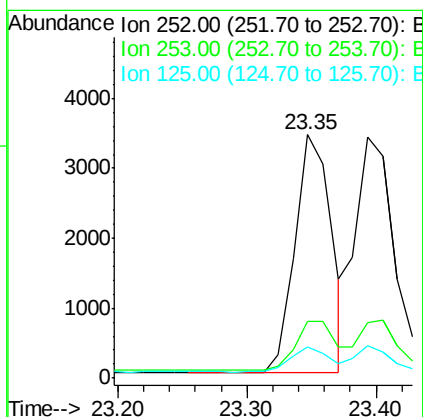
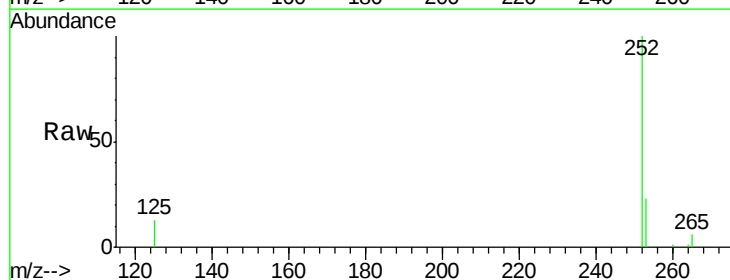
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 264 Resp: 72921
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.1 30.1
 265 22.0 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.38 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BE092551.D
 Acq: 17 Nov 2016 1:55

Tgt Ion: 252 Resp: 6704
 Ion Ratio Lower Upper
 252 100
 253 23.3 18.7 28.1
 125 12.7 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.41 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

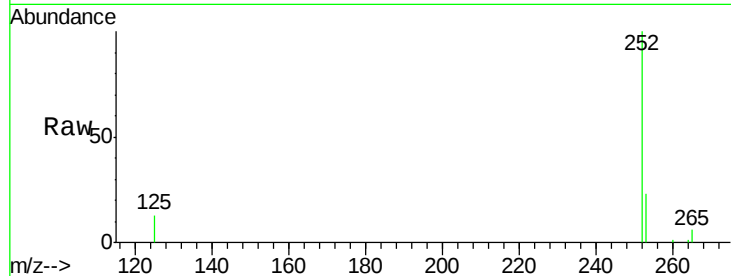
Tgt Ion:252 Resp: 7636

Ion Ratio Lower Upper

252 100

253 23.1 20.3 30.5

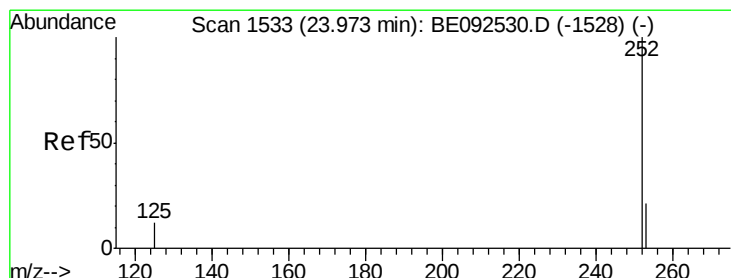
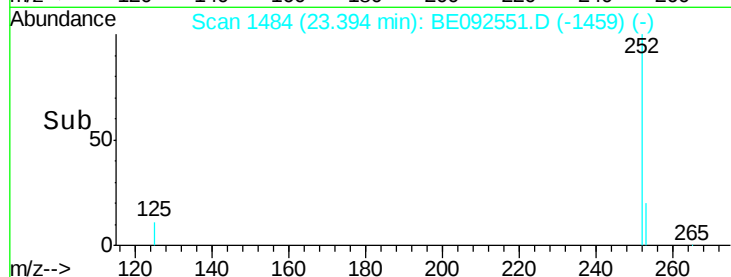
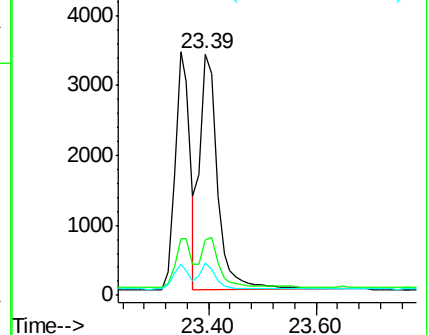
125 13.3 9.6 14.4



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: 0.40 ng

RT: 23.97 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

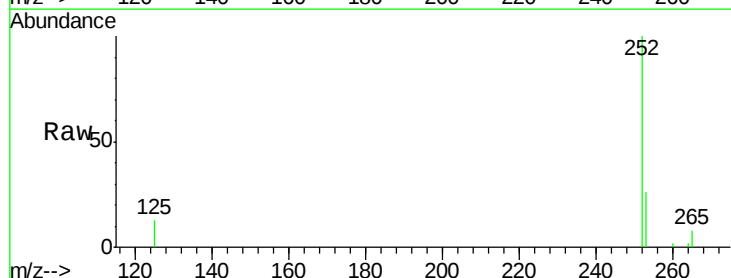
Tgt Ion:252 Resp: 6517

Ion Ratio Lower Upper

252 100

253 26.1 19.0 28.6

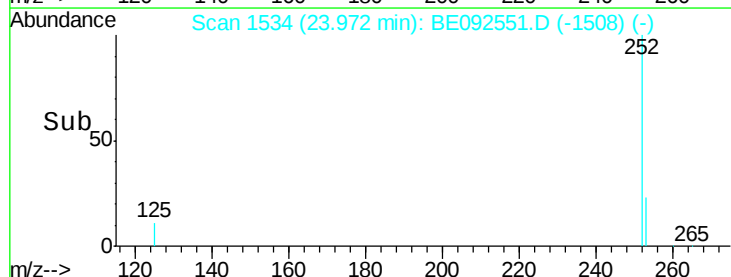
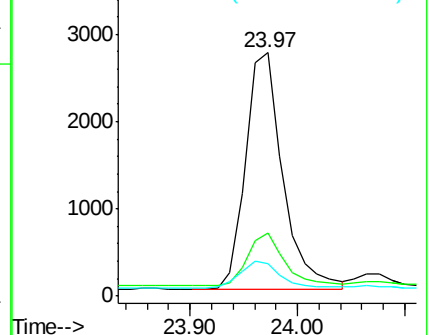
125 13.5 11.8 17.8

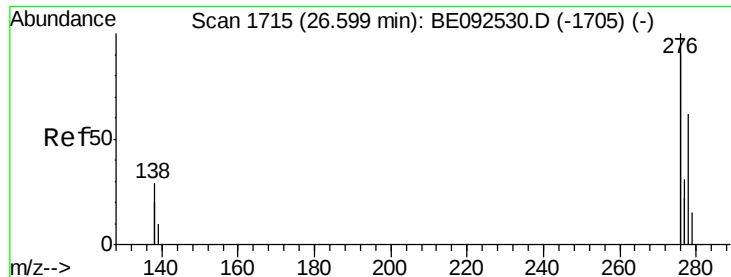


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.40 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

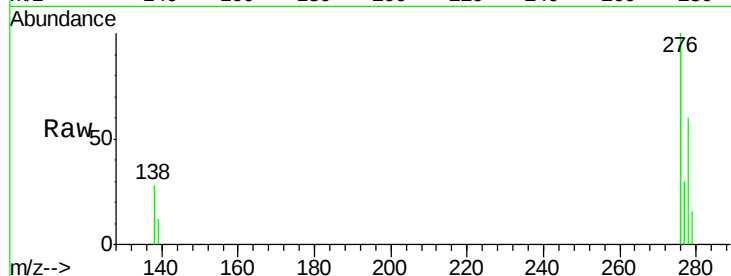
Tgt Ion: 278 Resp: 6401

Ion Ratio Lower Upper

278 100

139 20.1 13.8 20.8

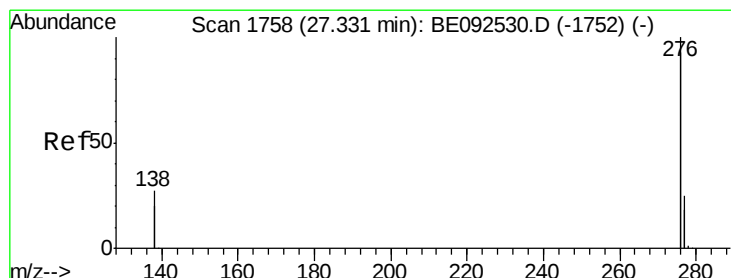
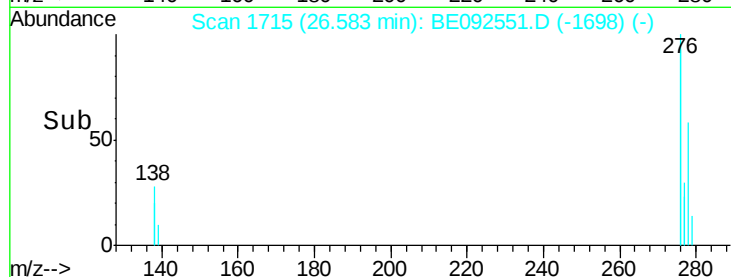
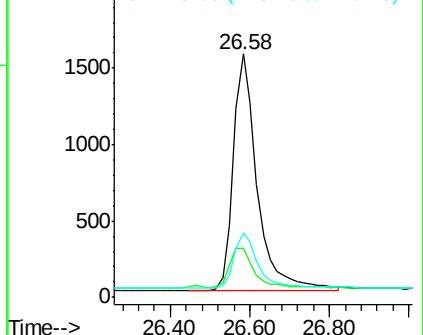
279 26.7 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.39 ng

RT: 27.33 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

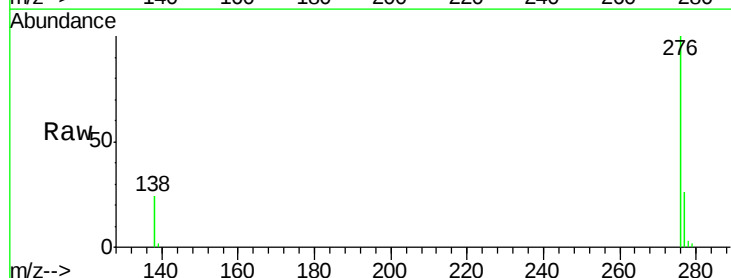
Tgt Ion: 276 Resp: 27054

Ion Ratio Lower Upper

276 100

277 26.4 19.8 29.8

138 23.7 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

