

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 05:10:47 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

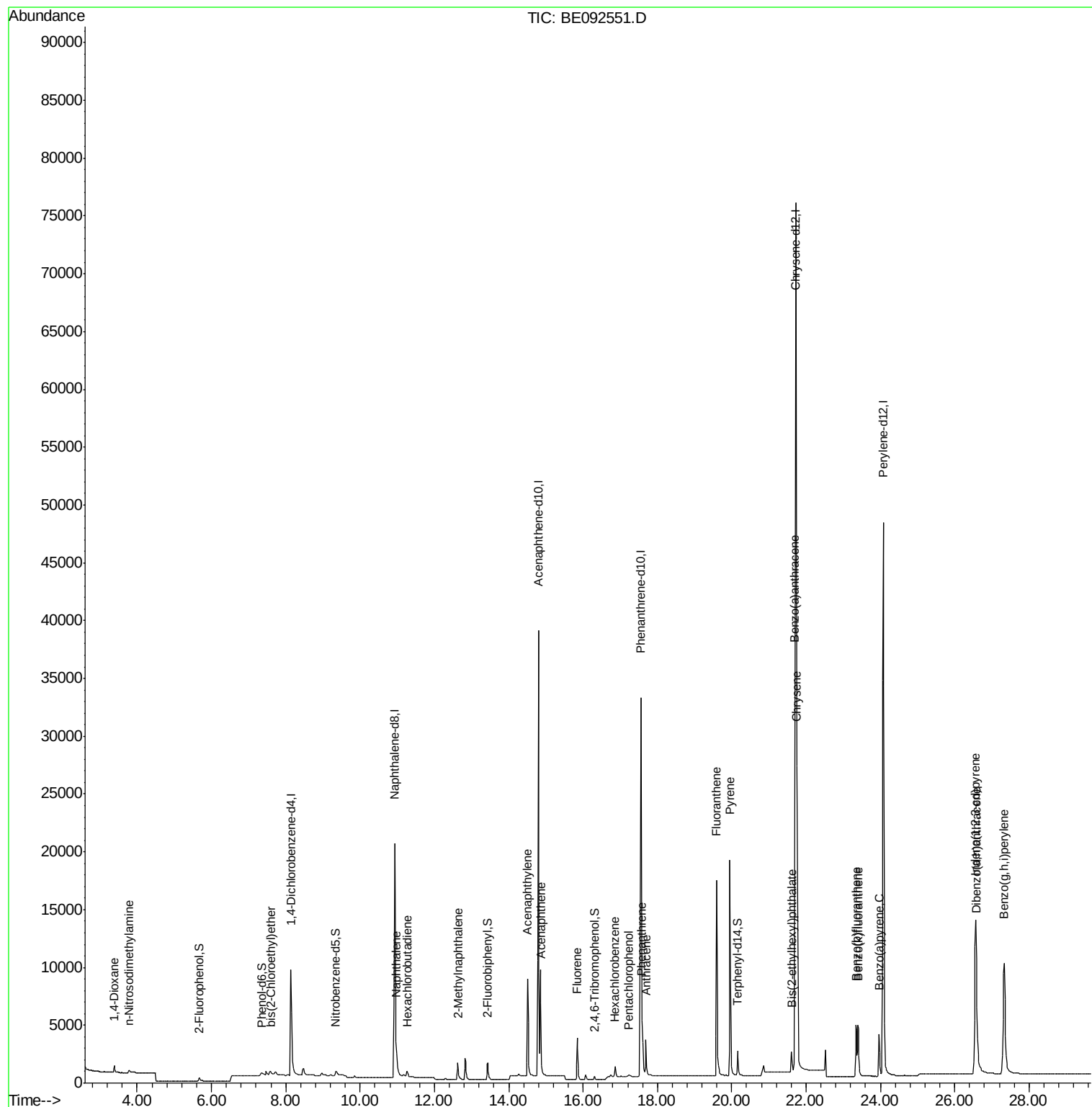
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	487	0.47	ng	87
3) n-Nitrosodimethylamine	3.77	42	386	0.49	ng	# 96
6) bis(2-Chloroethyl)ether	7.59	93	692	0.35	ng	# 29
9) Naphthalene	10.97	128	2846	0.40	ng	# 94
10) Hexachlorobutadiene	11.26	225	462	0.43	ng	98
11) 2-Methylnaphthalene	12.62	142	1834	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	30026m	0.46	ng	
28) Chrysene	21.75	228	30064m	0.41	ng	
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

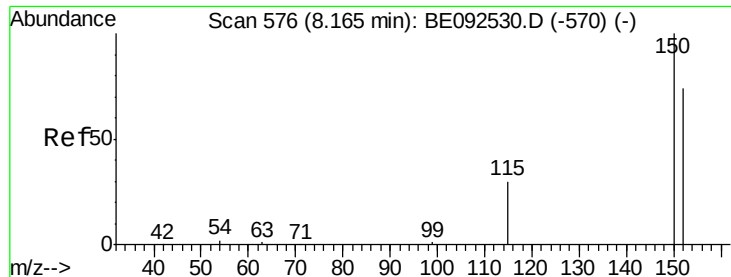
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

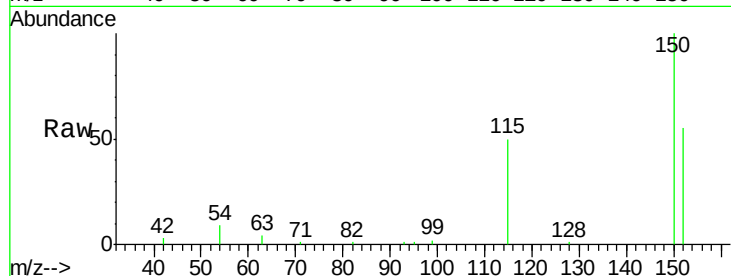
Tot Ion:152 Resp: 7165

Ion Ratio Lower Upper

152 100

150 181.4 106.0 159.0#

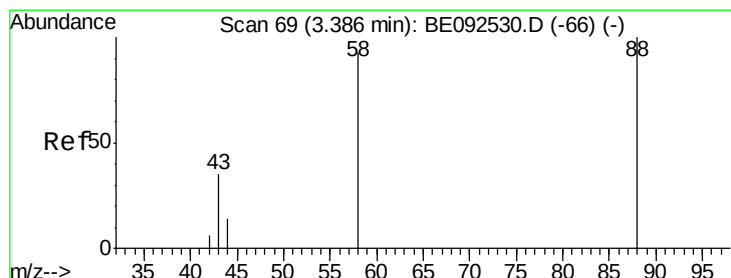
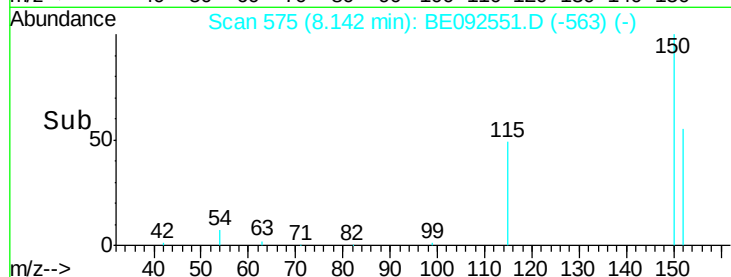
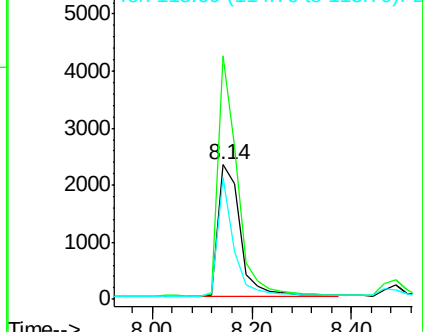
115 90.6 31.2 46.8#



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

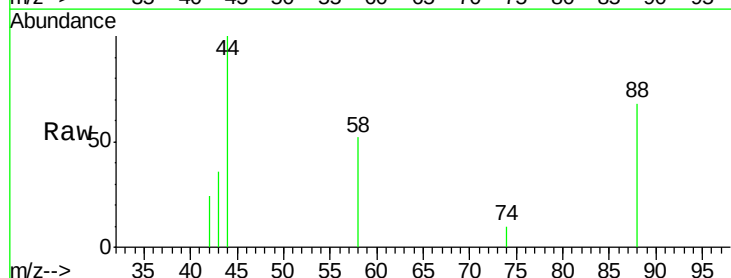
Tgt Ion: 88 Resp: 487

Ion Ratio Lower Upper

88 100

58 67.8 63.6 95.4

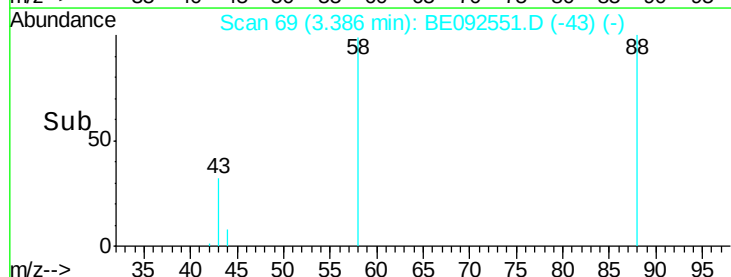
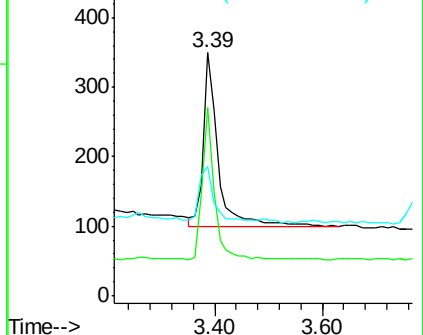
43 28.5 28.0 42.0

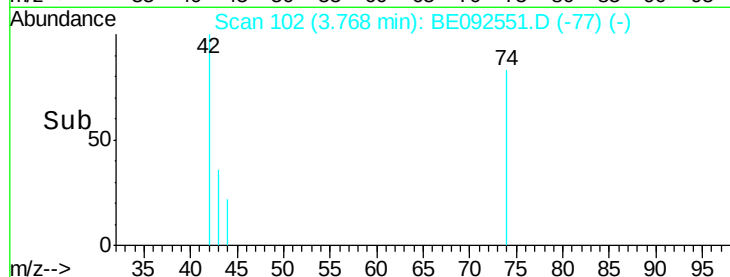
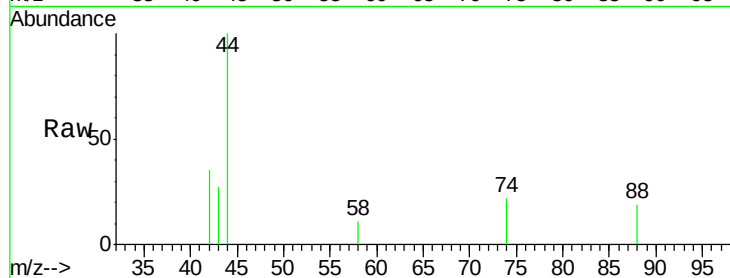
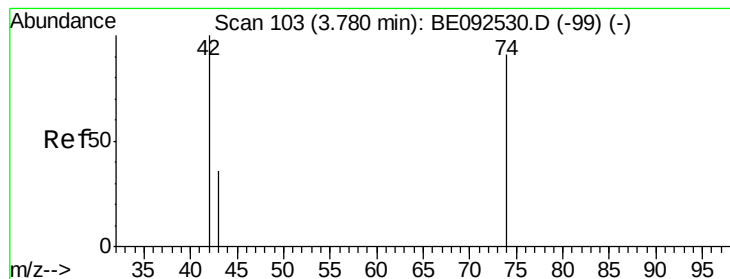


Abundance Ion 88.00 (87.70 to 88.70): BE0

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

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Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

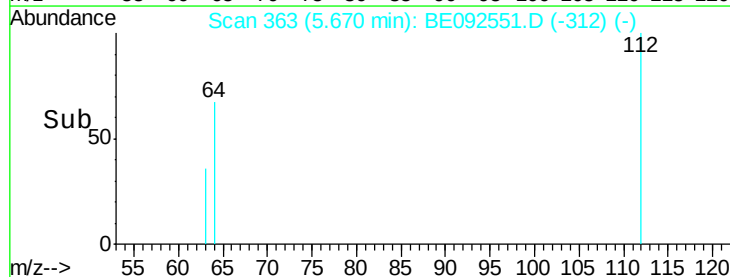
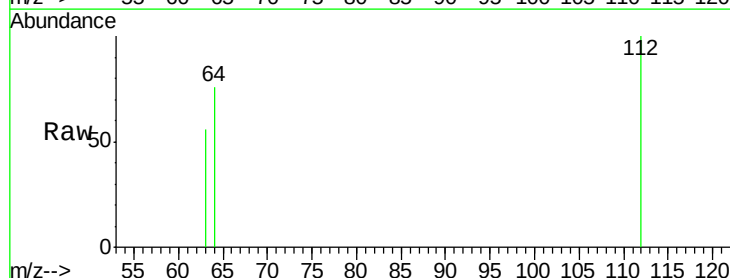
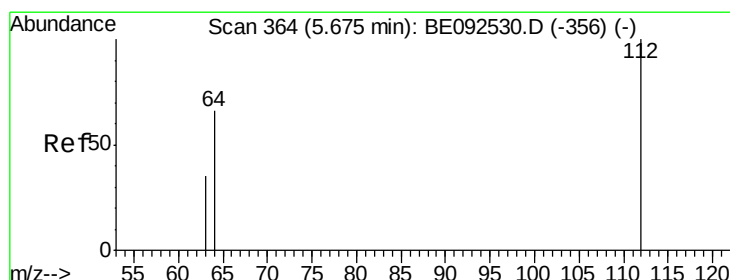
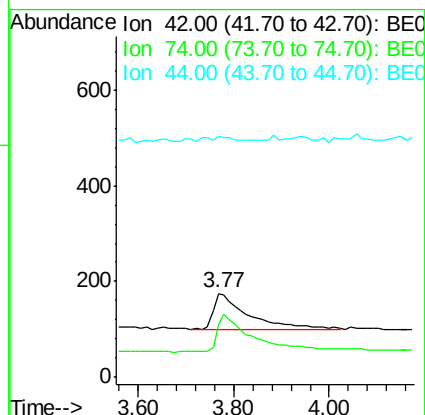
Tot Ion: 42 Resp: 386

Ion Ratio Lower Upper

42 100

74 104.1 86.0 129.0

44 13.7 5.1 7.7#



#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

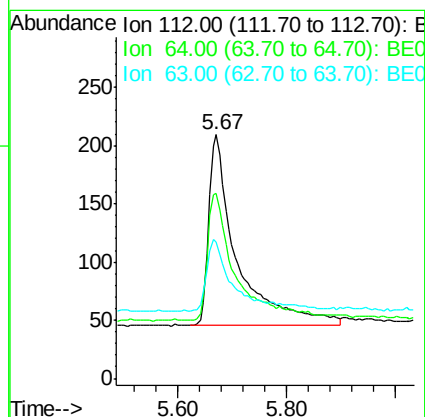
Tgt Ion: 112 Resp: 583

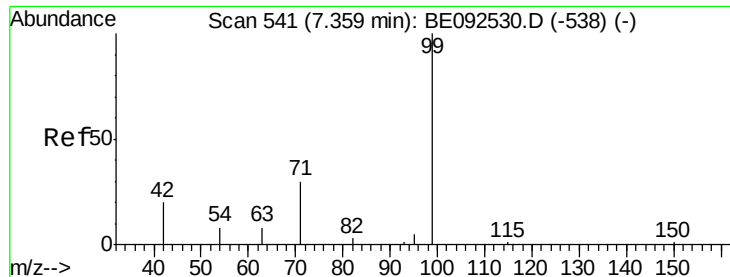
Ion Ratio Lower Upper

112 100

64 64.8 53.5 80.3

63 31.7 27.9 41.9





#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

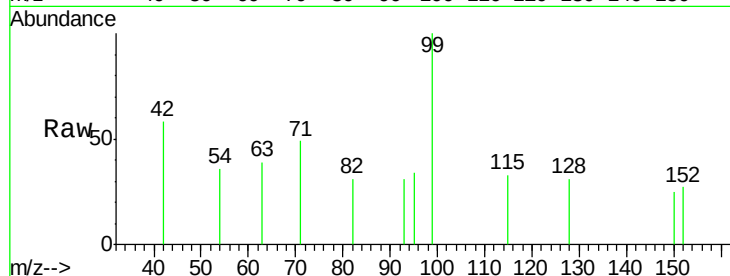
Tot Ion: 99 Resp: 750

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

7.36

250

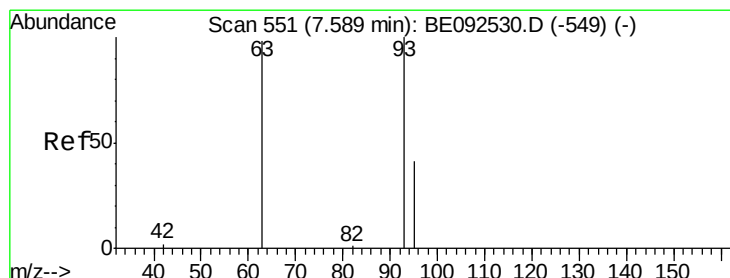
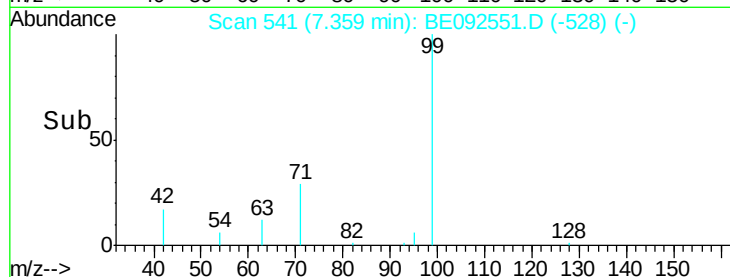
200

150

100

50

0



#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

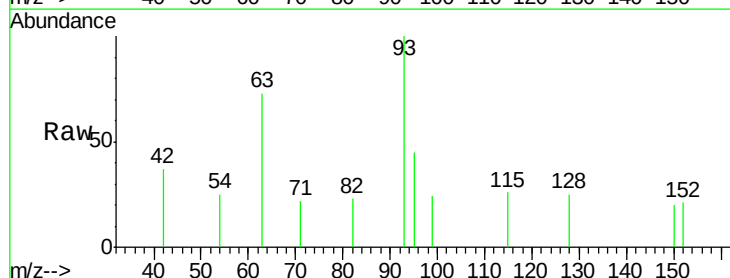
Tgt Ion: 93 Resp: 692

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

7.59

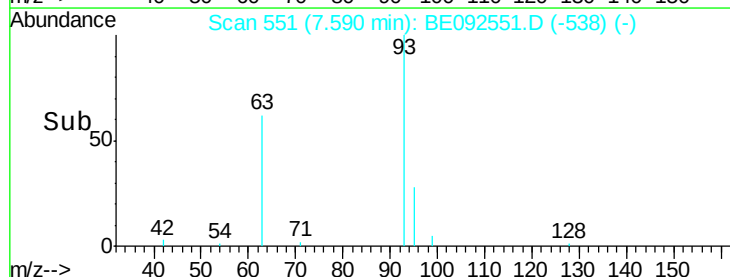
400

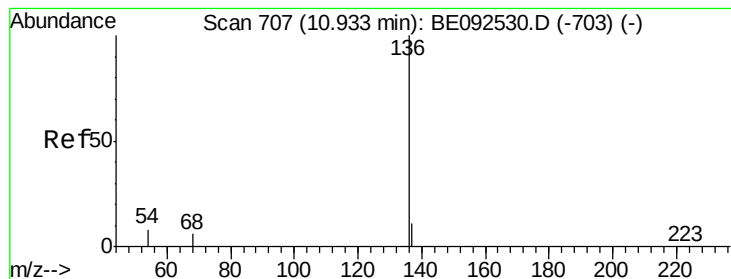
300

200

100

0





#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

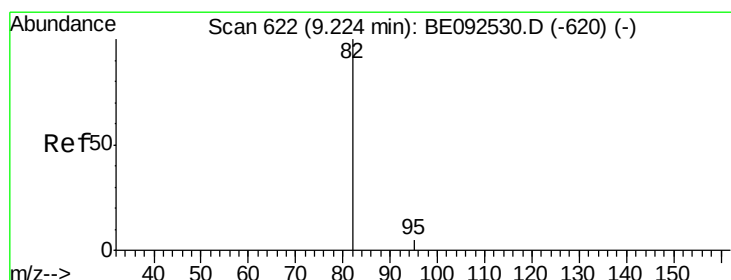
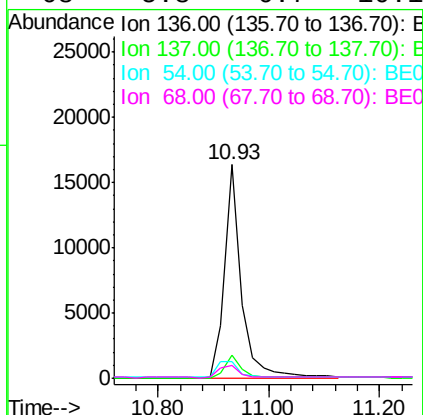
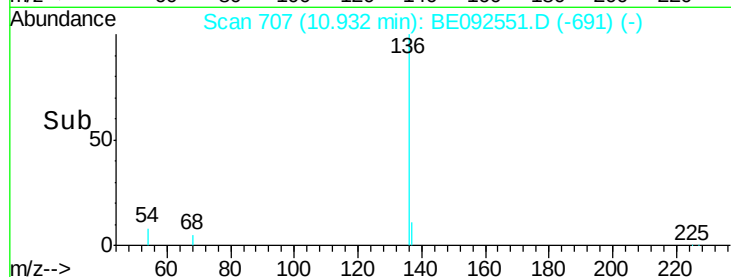
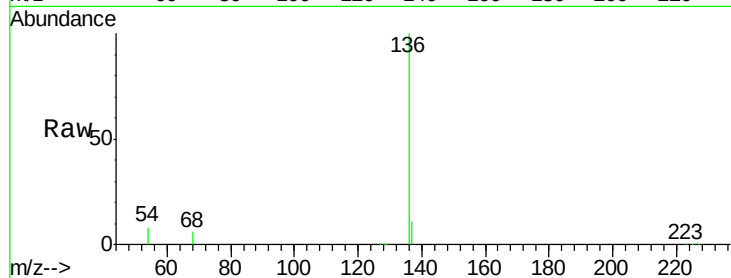
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot 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#



#8

Nitrobenzene-d5

Concen: 0.44 ng

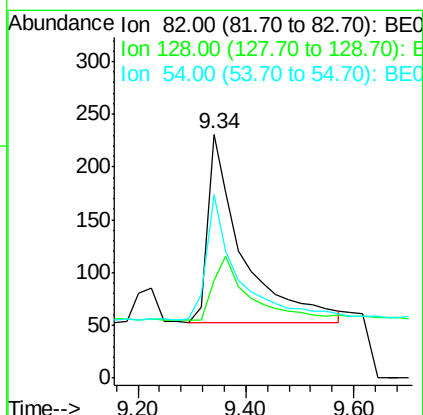
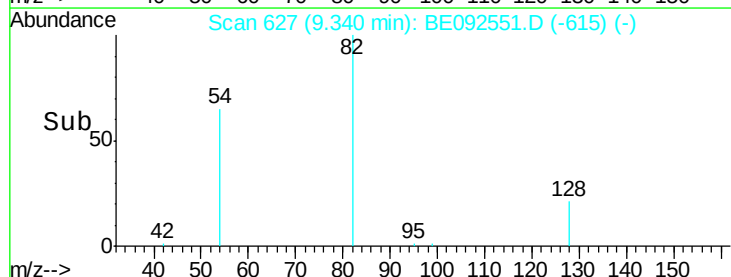
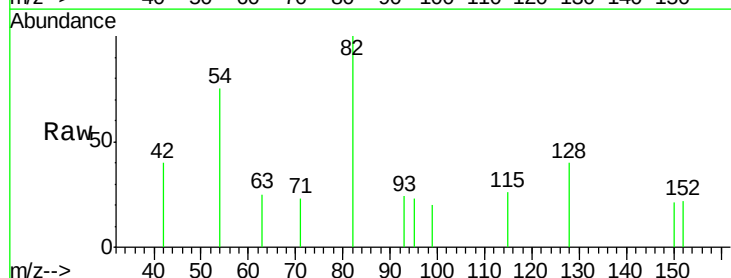
RT: 9.34 min Scan# 627

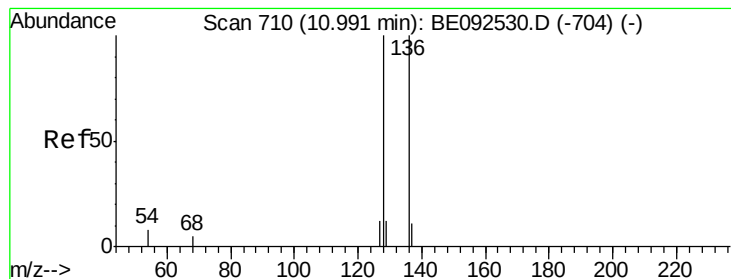
Delta R.T. -0.02 min

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#





#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

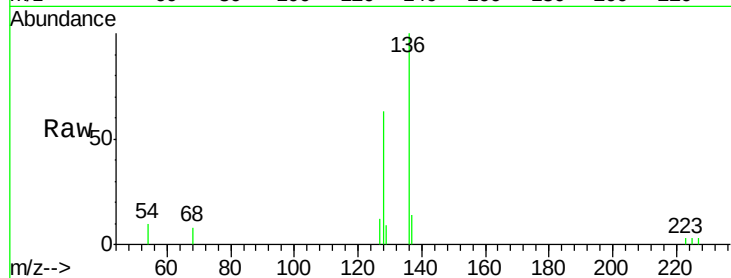
Tot Ion:128 Resp: 2846

Ion Ratio Lower Upper

128 100

129 14.6 11.2 16.8

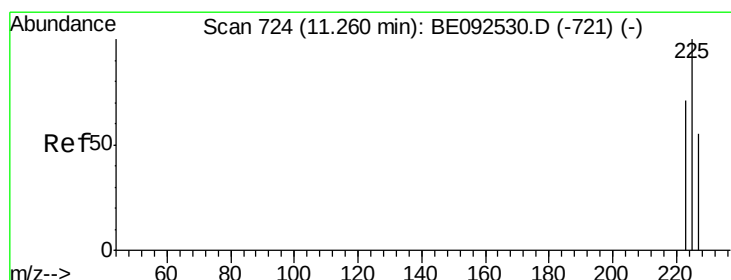
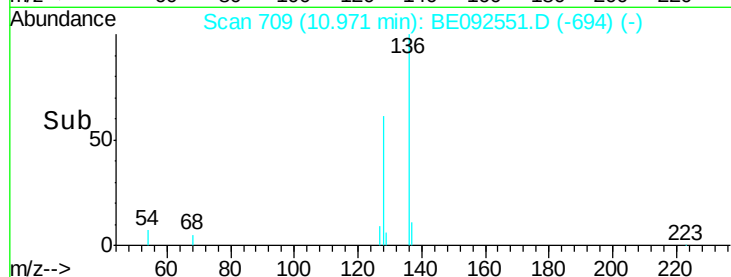
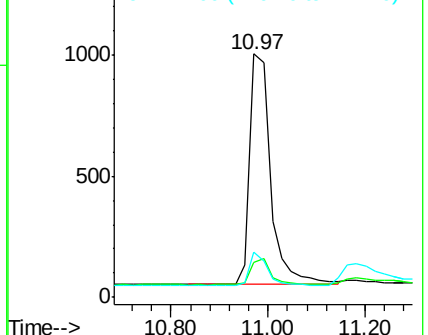
127 18.3 11.6 17.4#



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

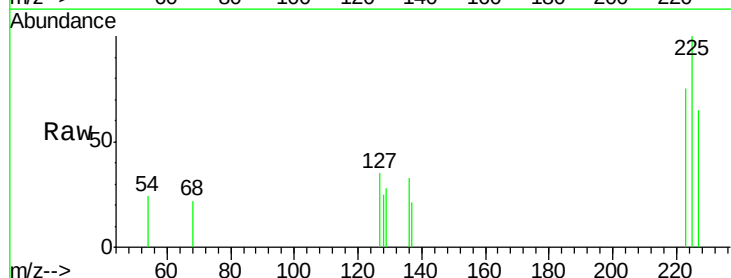
Tgt Ion:225 Resp: 462

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

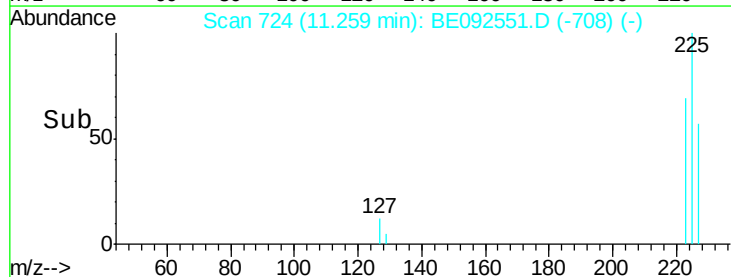
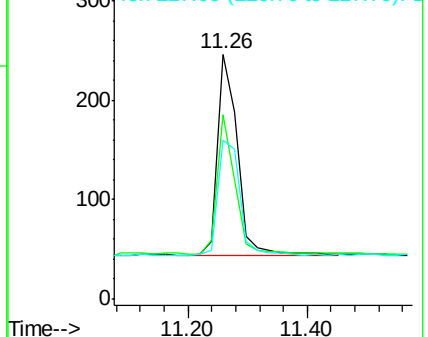
227 62.6 51.4 77.0

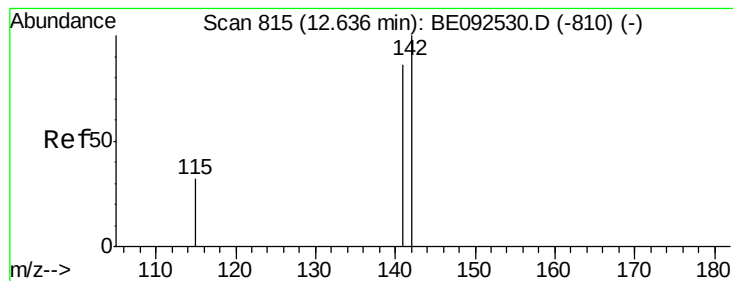


Abundance Ion 225.00 (224.70 to 225.70): E

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

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Instrument :

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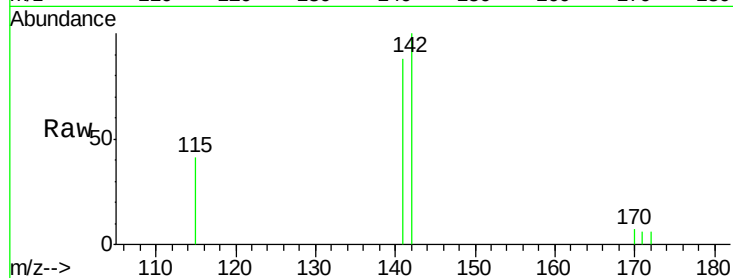
Tot Ion:142 Resp: 1834

Ion Ratio Lower Upper

142 100

141 88.4 73.7 110.5

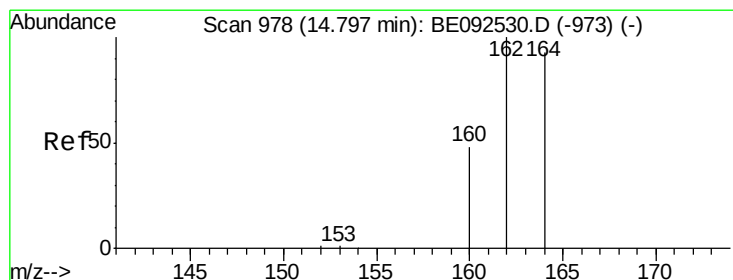
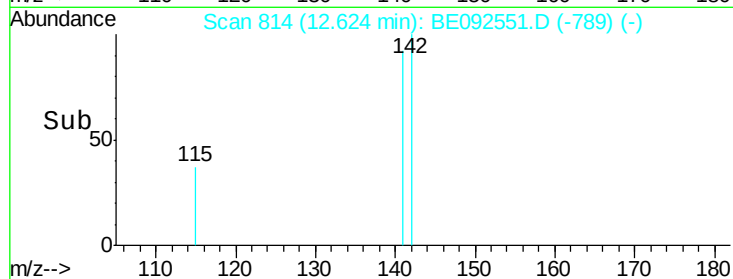
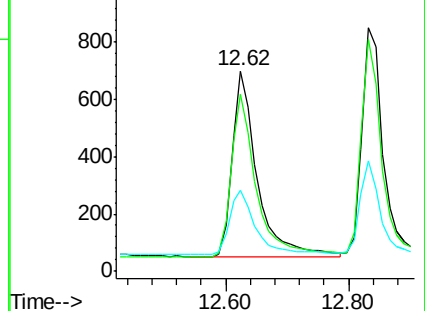
115 40.7 34.0 51.0



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

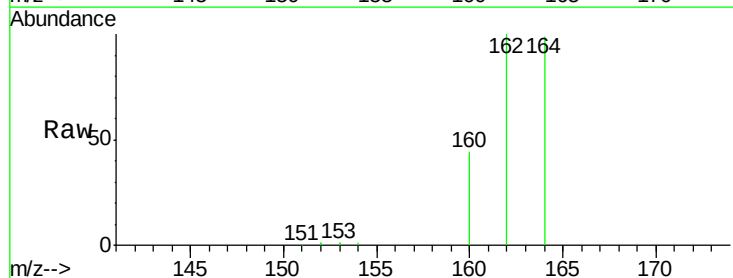
Tgt Ion:164 Resp: 24565

Ion Ratio Lower Upper

164 100

162 101.3 71.4 107.0

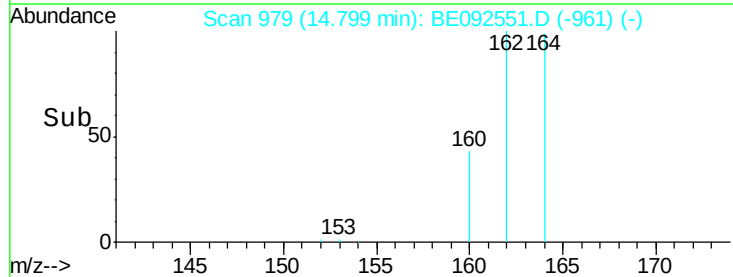
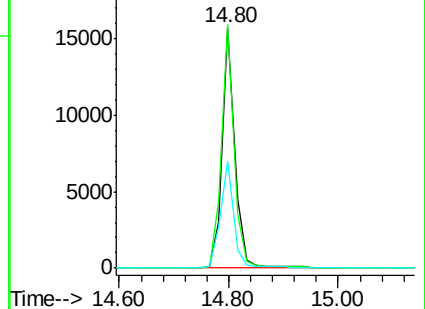
160 44.2 27.4 41.2#

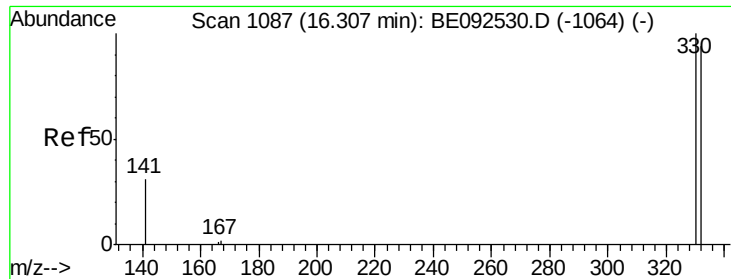


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

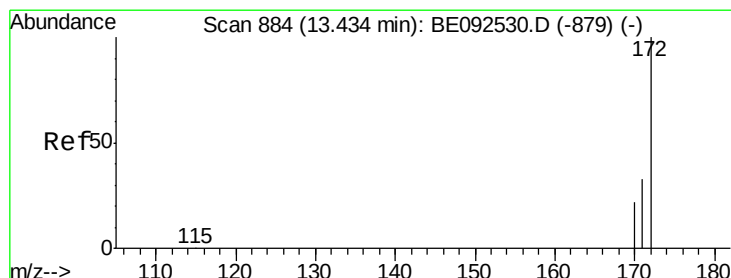
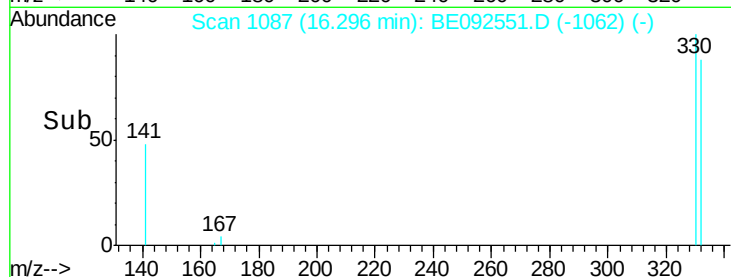
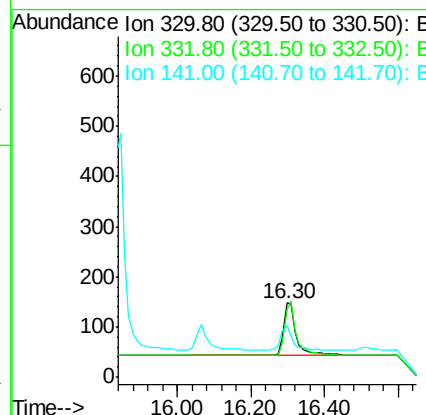
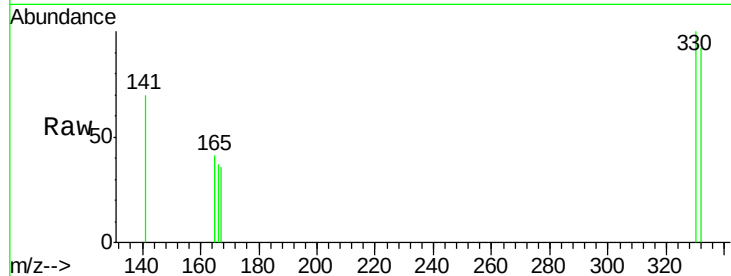




#13
 2,4,6-Tribromophenol
 Concen: 0.44 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092551.D
 Acq: 17 Nov 2016 1:55

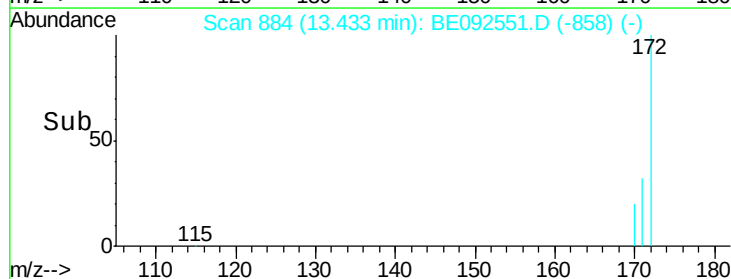
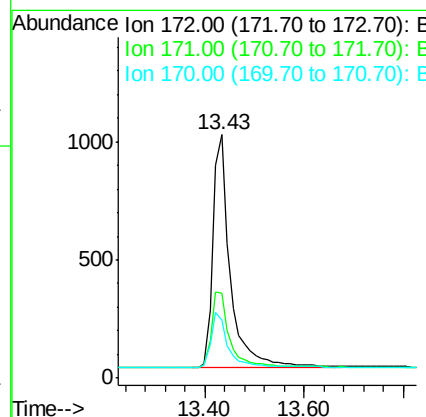
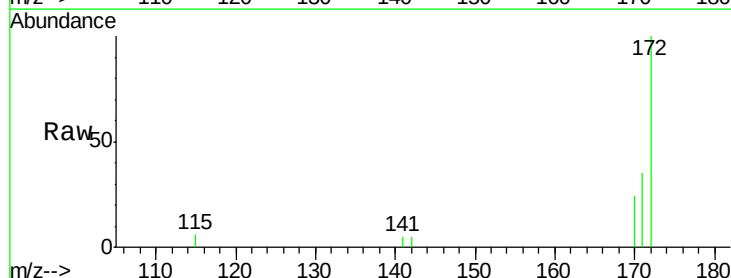
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

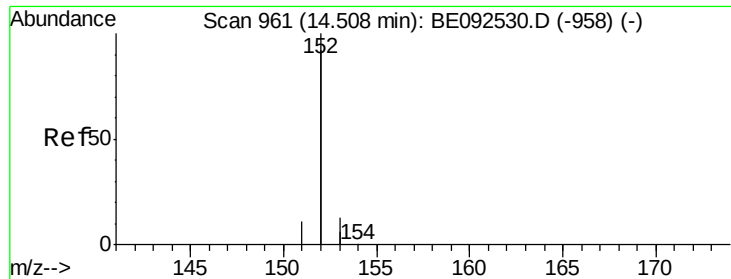
Tot Ion:330 Resp: 243
 Ion Ratio Lower Upper
 330 100
 332 100.8 75.4 113.0
 141 47.3 31.0 46.6#



#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

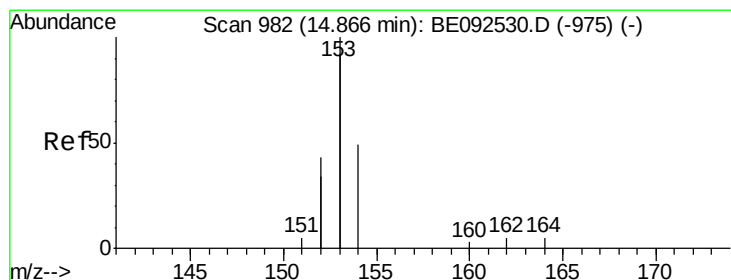
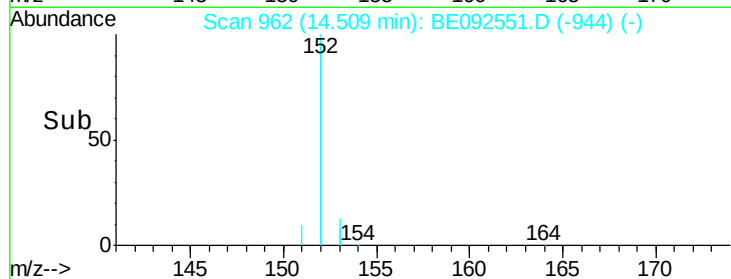
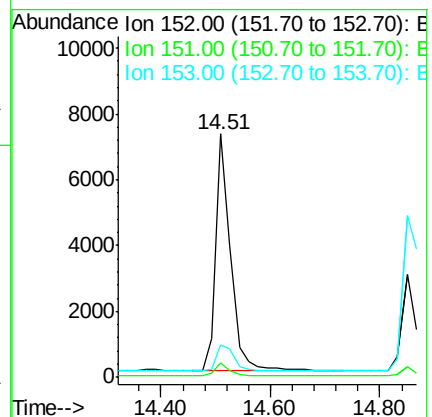
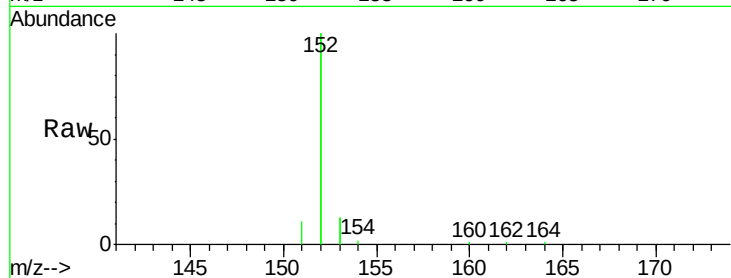
Tot Ion:152 Resp: 13629

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

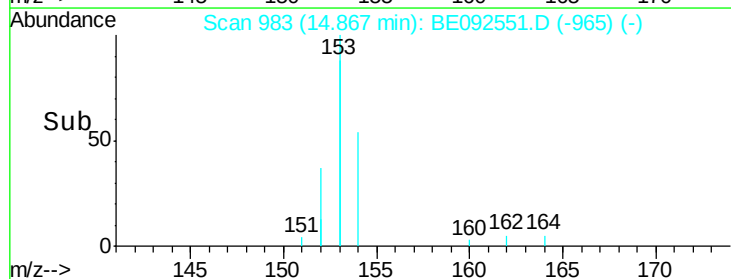
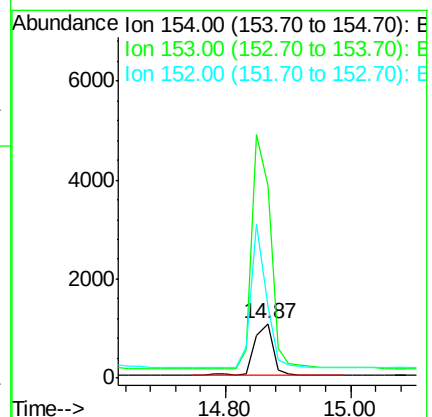
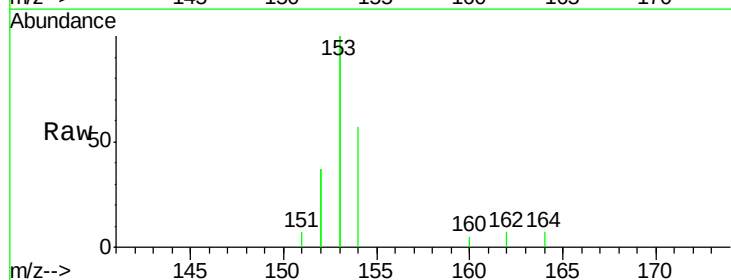
Tgt Ion:154 Resp: 2245

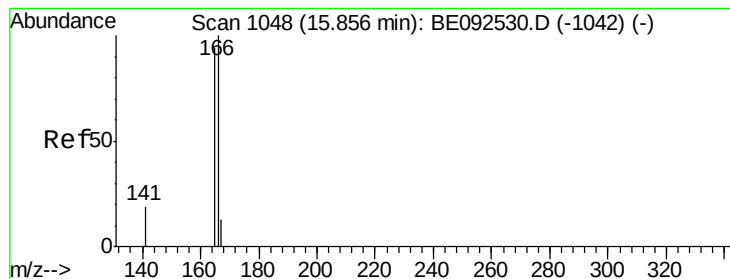
Ion Ratio Lower Upper

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

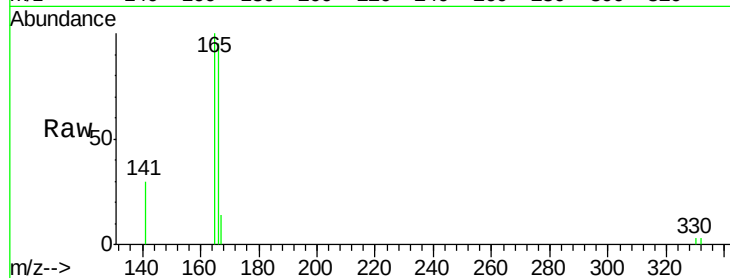
Tot Ion:166 Resp: 2828

Ion Ratio Lower Upper

166 100

165 98.6 78.2 117.4

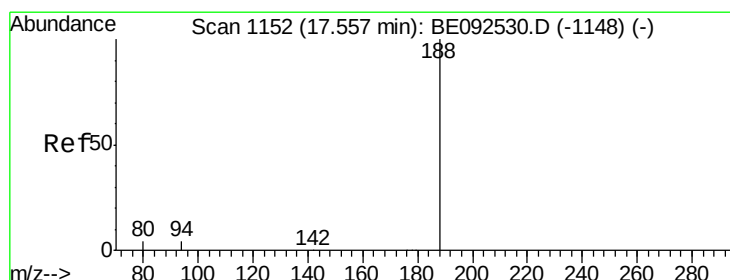
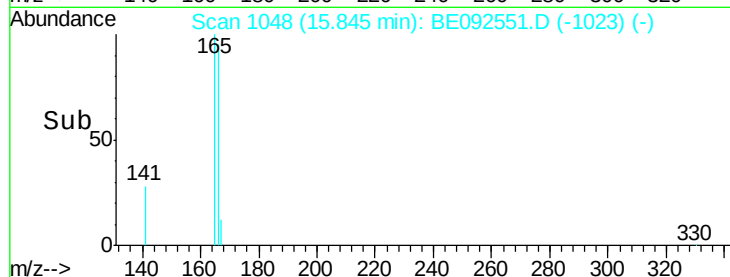
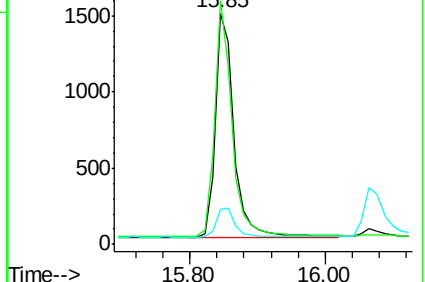
167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

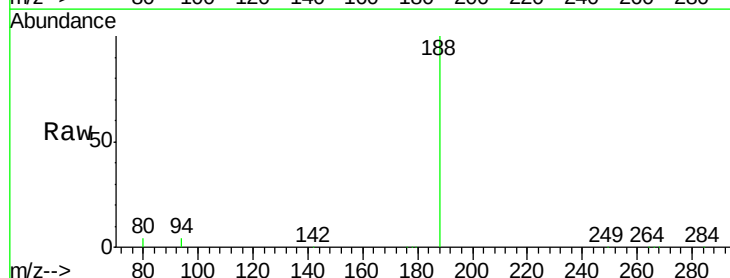
Tgt Ion:188 Resp: 55319

Ion Ratio Lower Upper

188 100

94 4.4 3.2 4.8

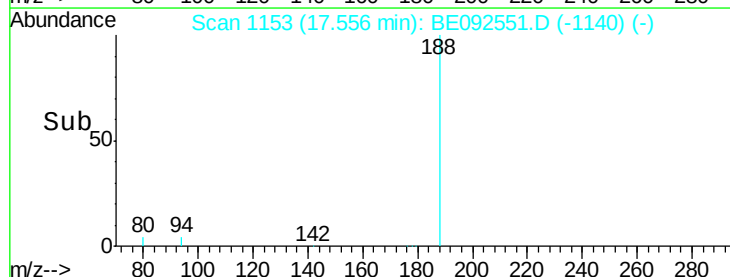
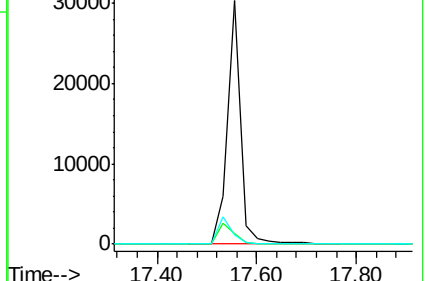
80 3.8 2.6 3.8

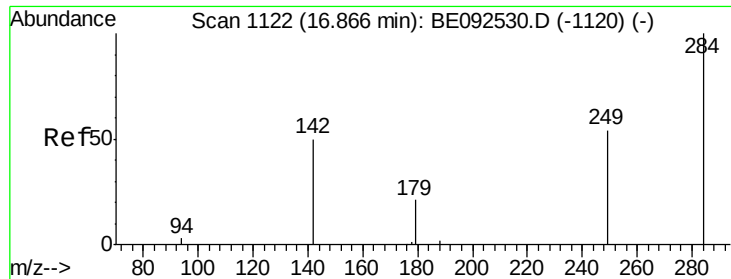


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

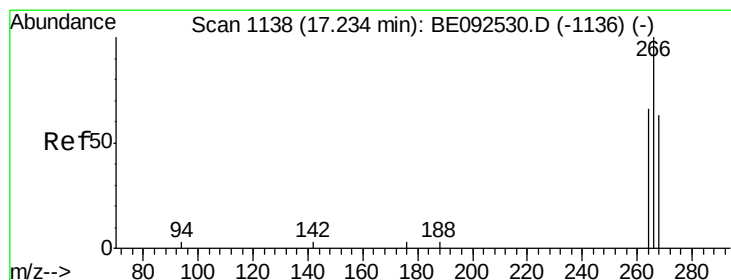
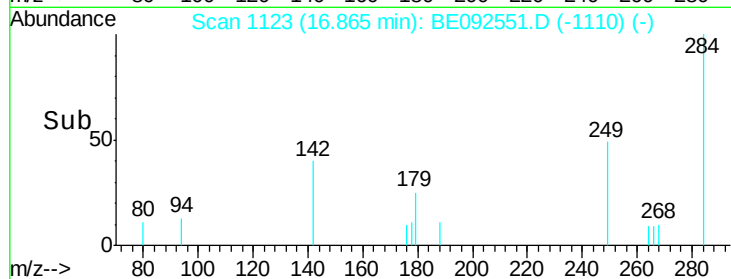
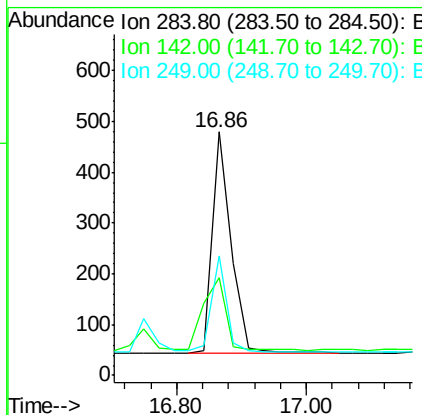
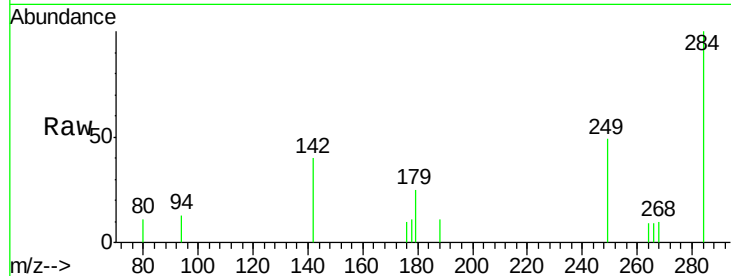




#19
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092551.D
Acq: 17 Nov 2016 1:55

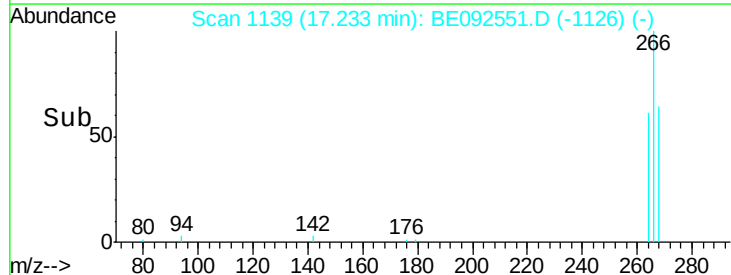
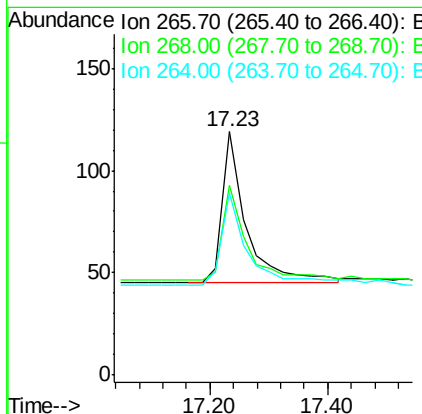
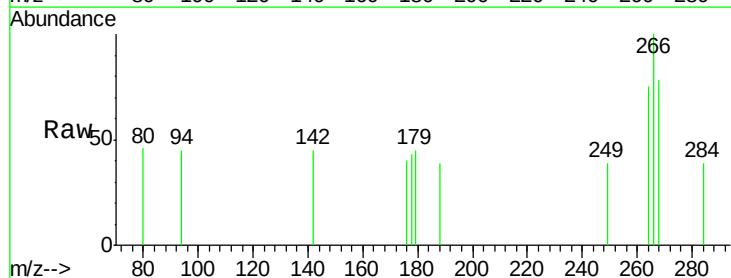
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

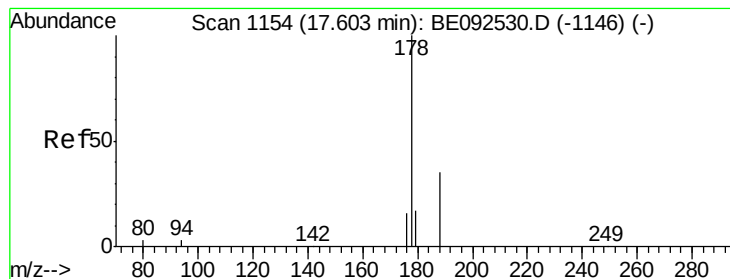
Tot Ion:284 Resp: 868
Ion Ratio Lower Upper
284 100
142 55.3 29.1 43.7#
249 47.5 27.9 41.9#



#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





#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

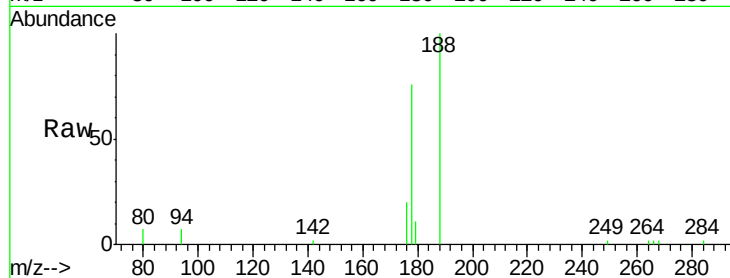
Tot Ion:178 Resp: 5027

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

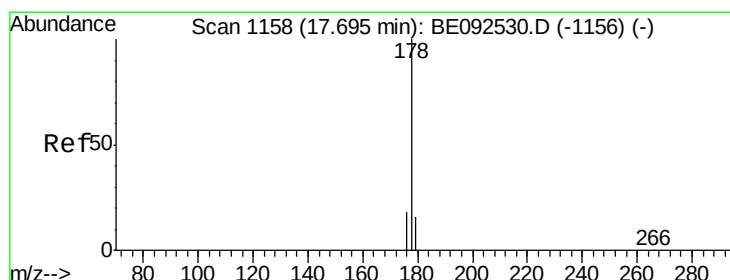
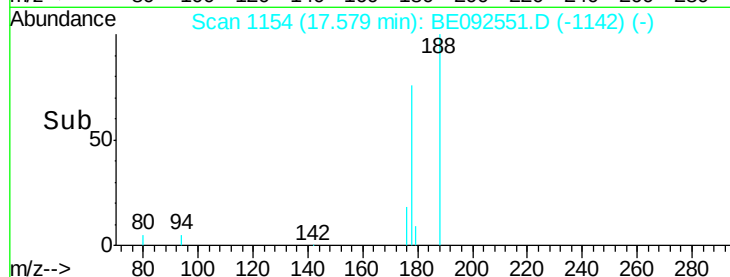
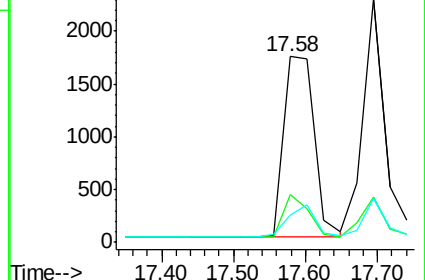
179 0.0 16.0 24.0#



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

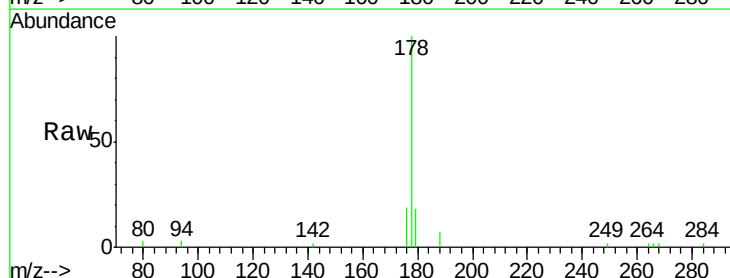
Tgt Ion:178 Resp: 4868

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

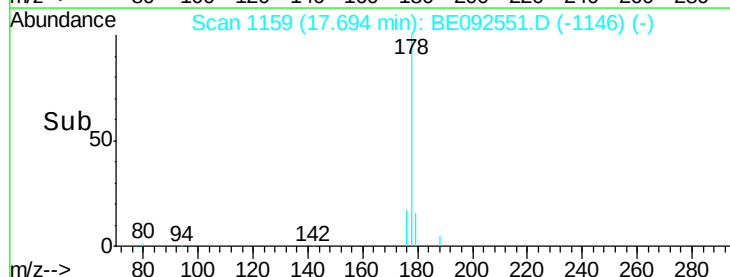
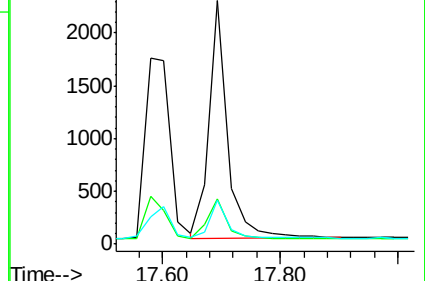
179 16.1 12.2 18.2

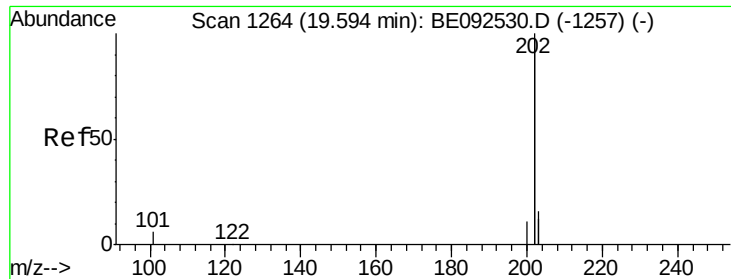


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

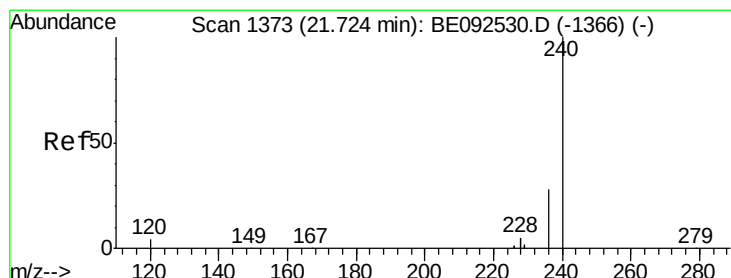
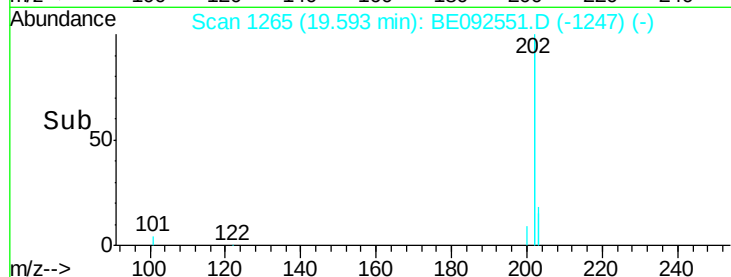
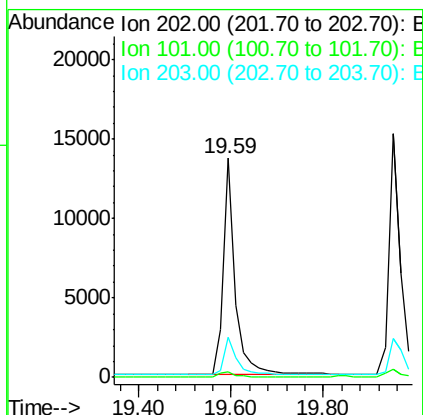
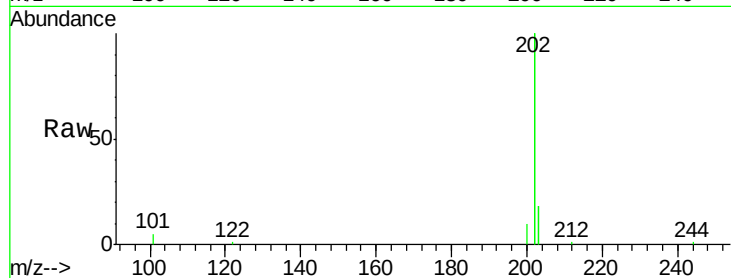




#23
Fluoranthene
Concen: 0.42 ng
RT: 19.59 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE092551.D
Acq: 17 Nov 2016 1:55

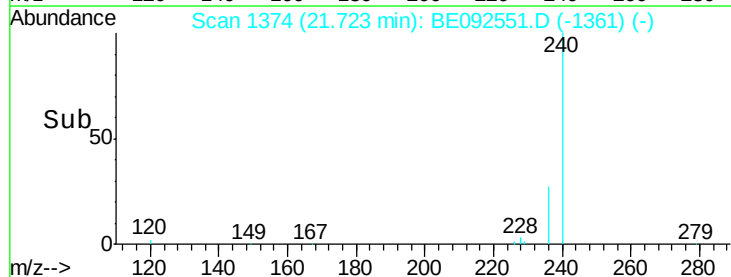
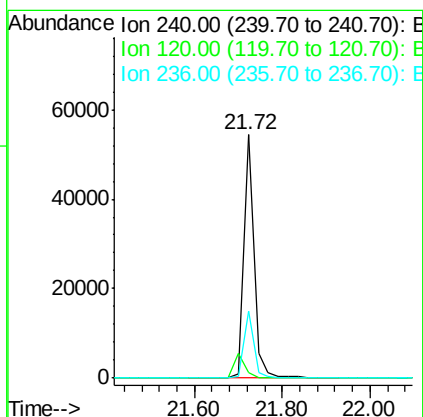
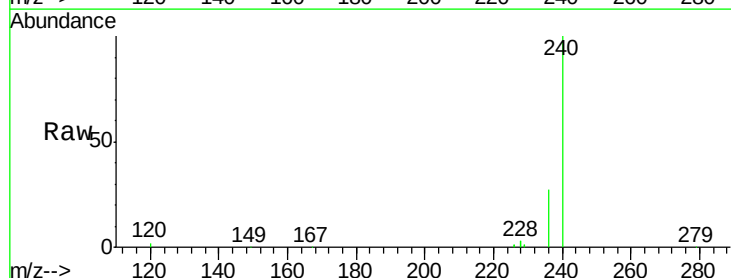
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

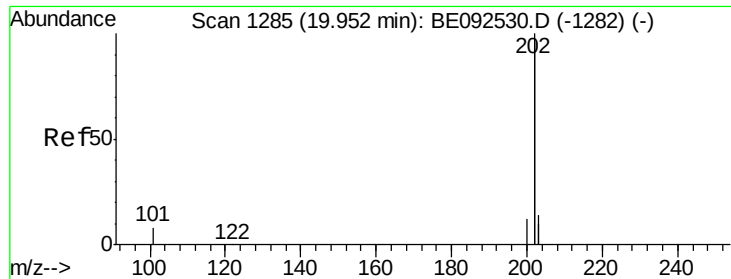
Tot Ion:202 Resp: 24497
Ion Ratio Lower Upper
202 100
101 2.9 2.2 3.4
203 17.7 13.7 20.5



#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

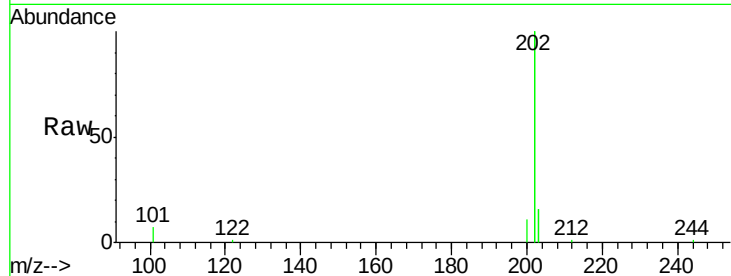




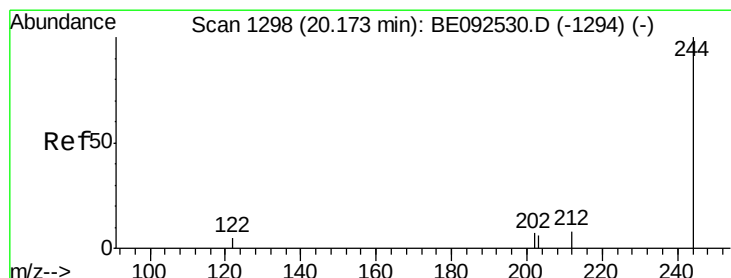
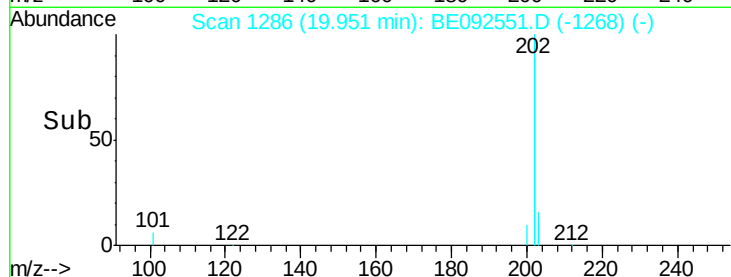
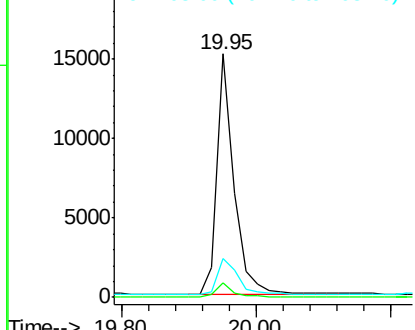
#25
Pvrene
Concen: 0.39 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092551.D
Acq: 17 Nov 2016 1:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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

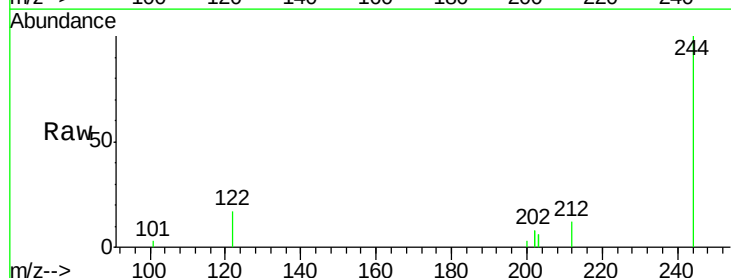


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

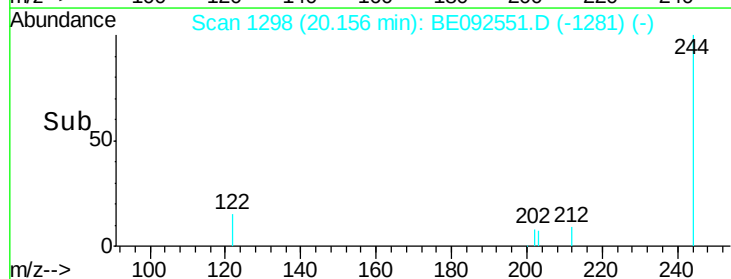
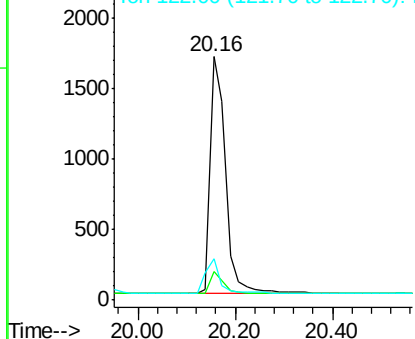


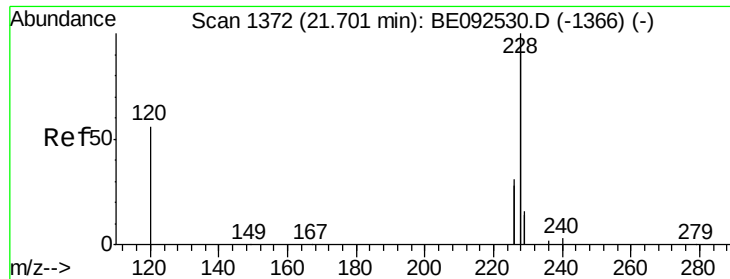
#26
Terphenyl-d14
Concen: 0.38 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092551.D
Acq: 17 Nov 2016 1:55

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#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.46 ng m

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

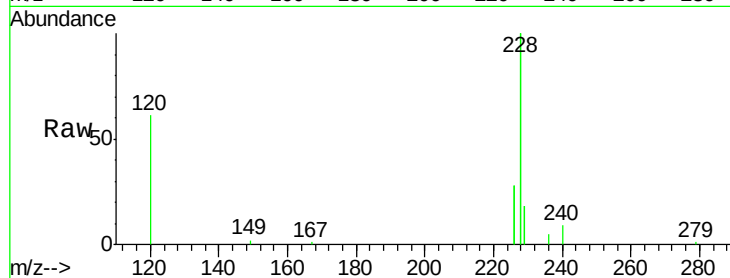
Tot Ion:228 Resp: 30026

Ion Ratio Lower Upper

228 100

226 28.2 23.6 35.4

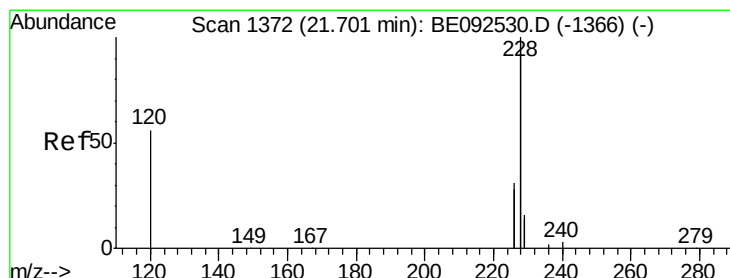
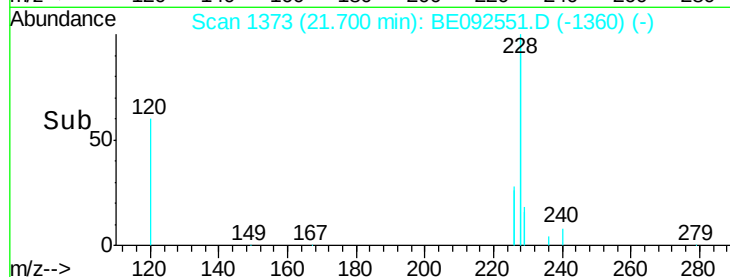
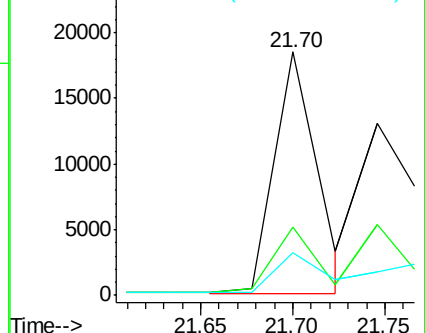
229 17.7 13.3 19.9



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: 0.41 ng m

RT: 21.75 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092551.D

Acq: 17 Nov 2016 1:55

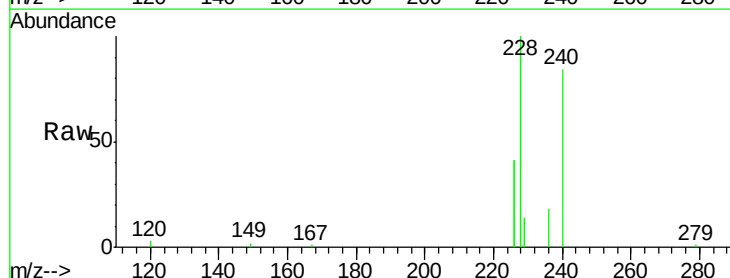
Tgt Ion:228 Resp: 30064

Ion Ratio Lower Upper

228 100

226 41.1 36.3 54.5

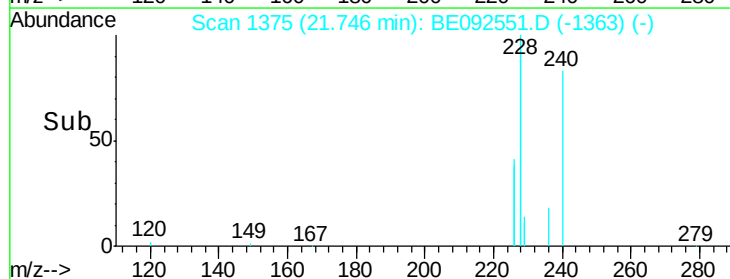
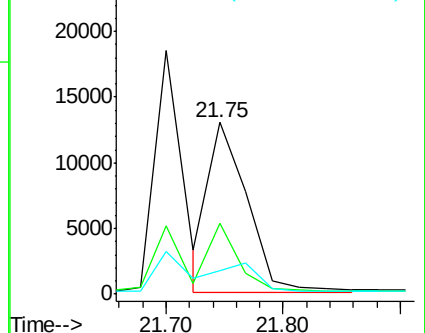
229 14.0 10.6 16.0

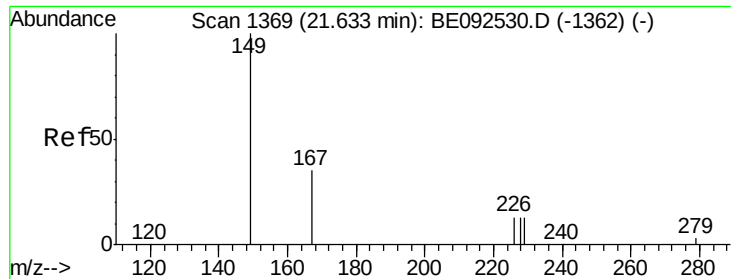


Abundance Ion 228.00 (227.70 to 228.70): E

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

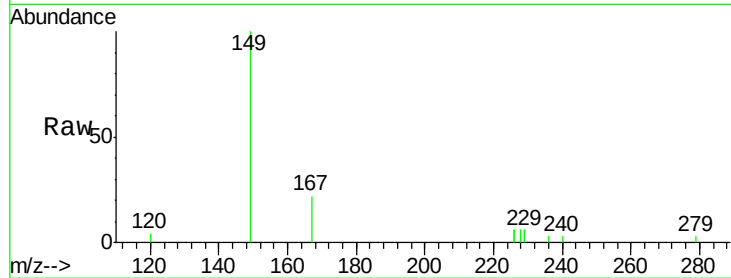
Tot Ion:149 Resp: 2687

Ion Ratio Lower Upper

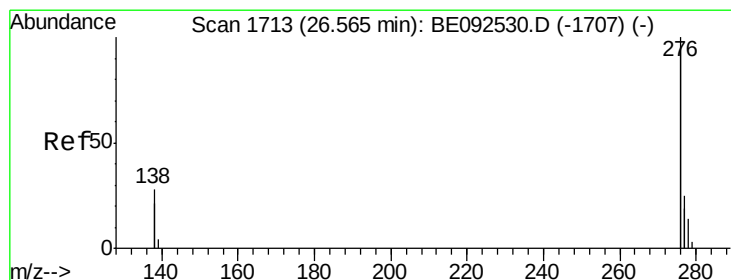
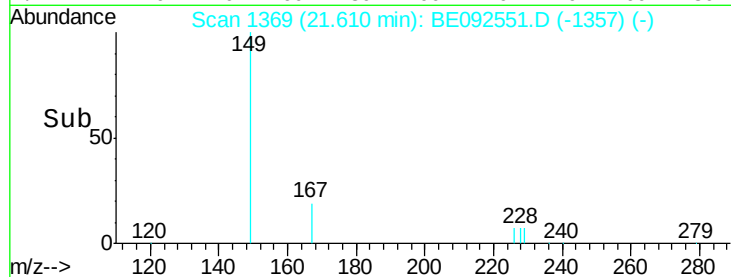
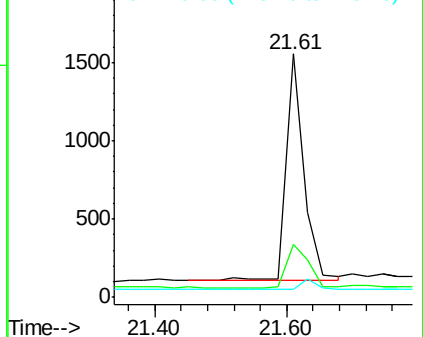
149 100

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

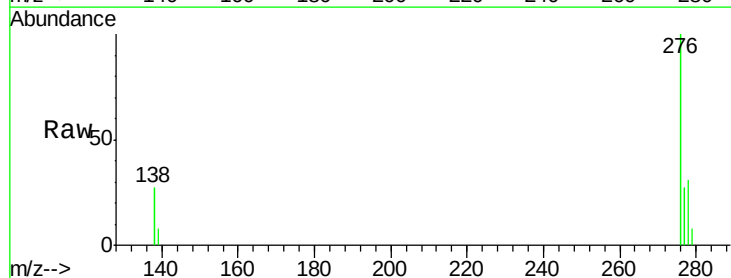
Tgt Ion:276 Resp: 31278

Ion Ratio Lower Upper

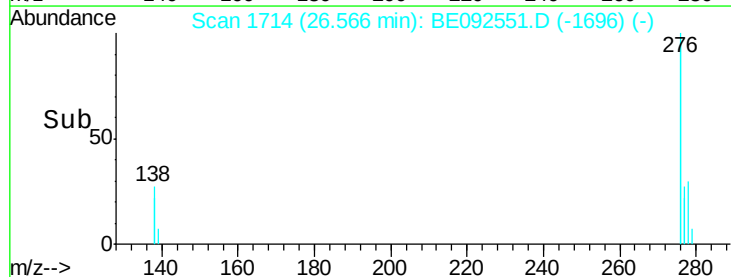
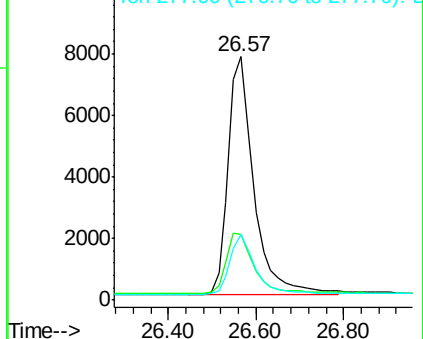
276 100

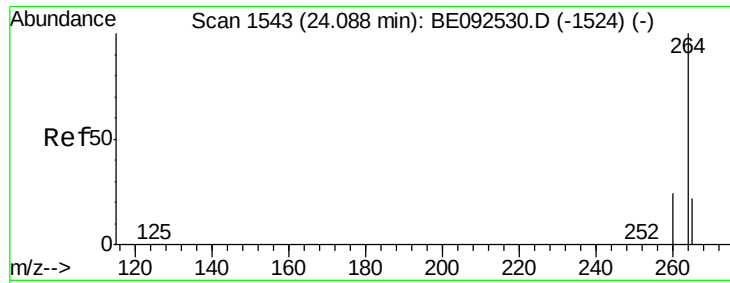
138 27.5 20.3 30.5

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



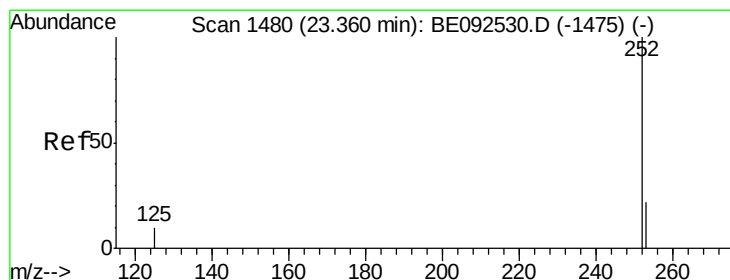
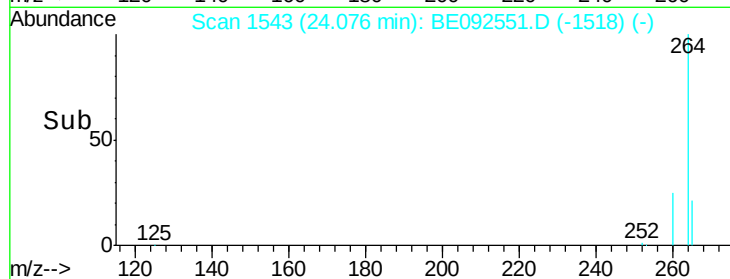
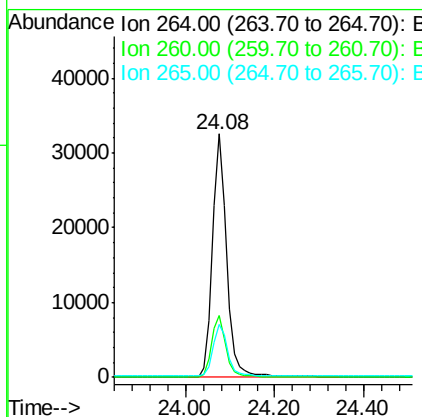
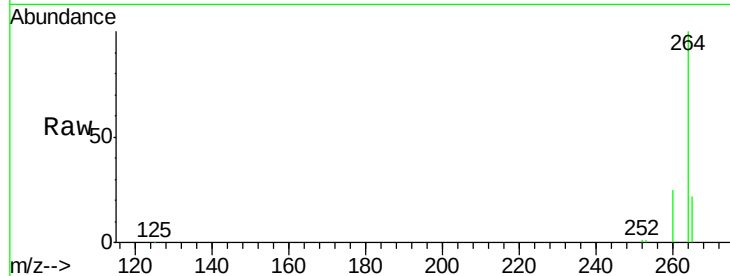


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092551.D
Acq: 17 Nov 2016 1:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:264 Resp: 72921

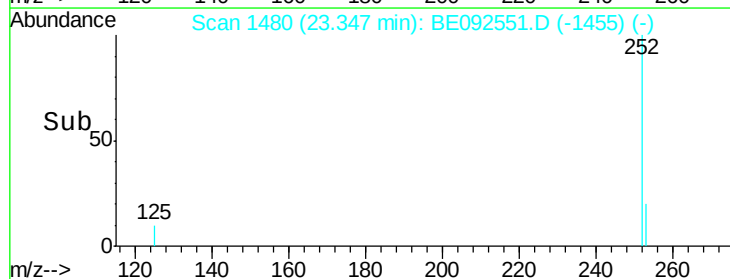
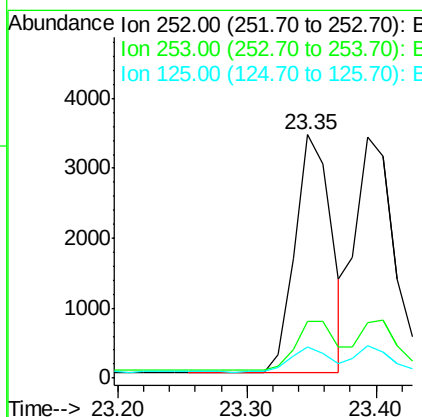
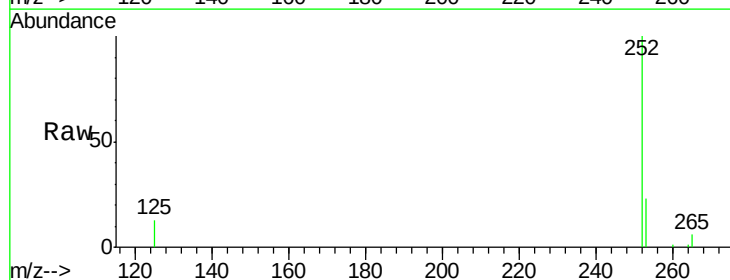
Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	22.0	17.9	26.9

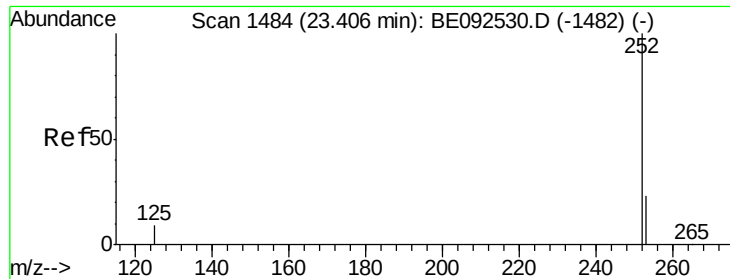


#32
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE092551.D
Acq: 17 Nov 2016 1:55

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

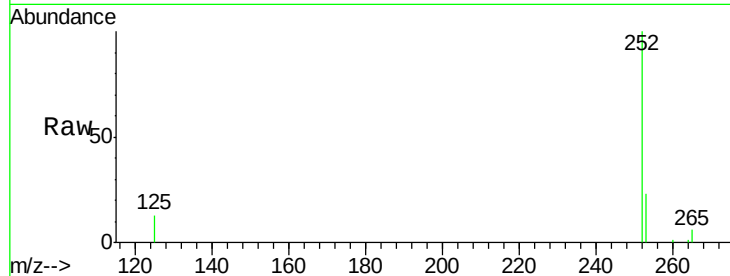
Tot Ion:252 Resp: 7636

Ion Ratio Lower Upper

252 100

253 23.1 20.3 30.5

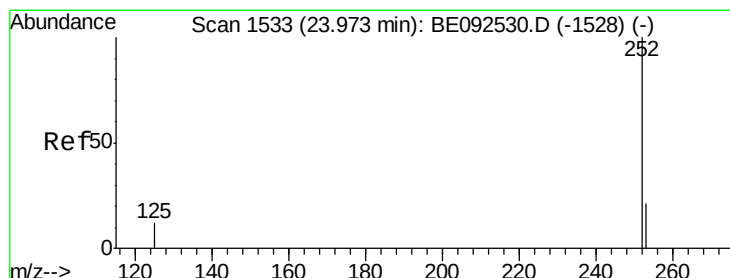
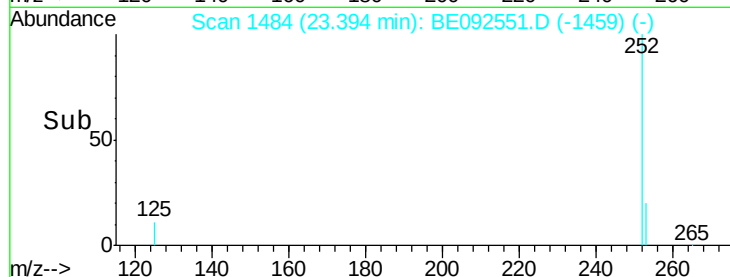
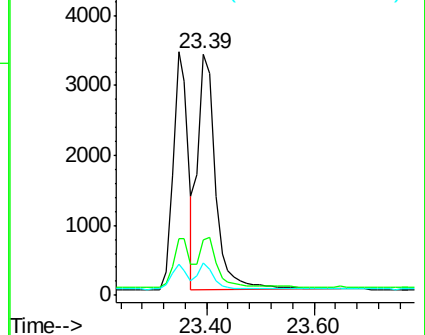
125 13.3 9.6 14.4



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

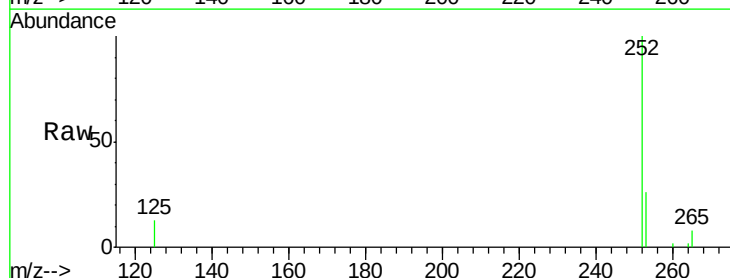
Tgt Ion:252 Resp: 6517

Ion Ratio Lower Upper

252 100

253 26.1 19.0 28.6

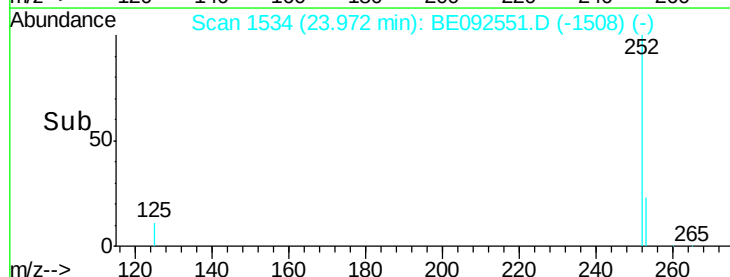
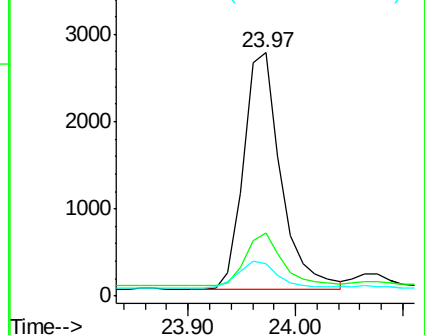
125 13.5 11.8 17.8

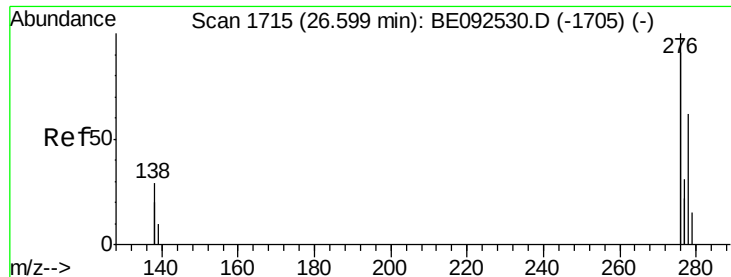


Abundance Ion 252.00 (251.70 to 252.70): E

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

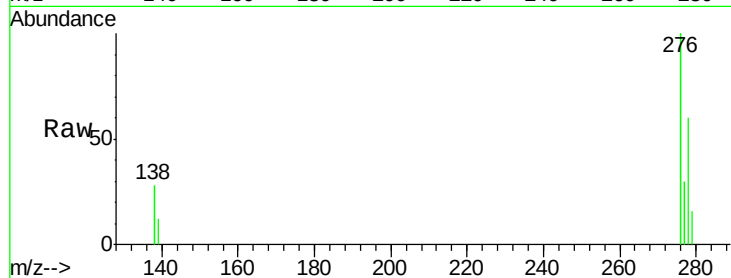
Tot Ion:278 Resp: 6401

Ion Ratio Lower Upper

278 100

139 20.1 13.8 20.8

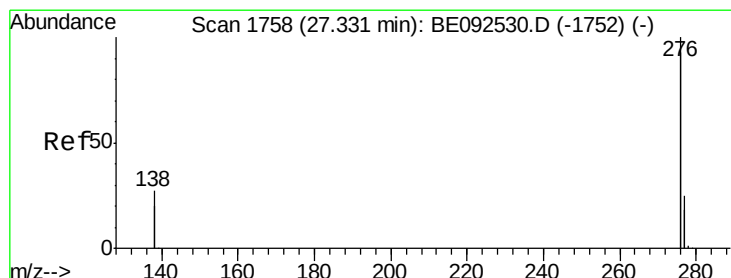
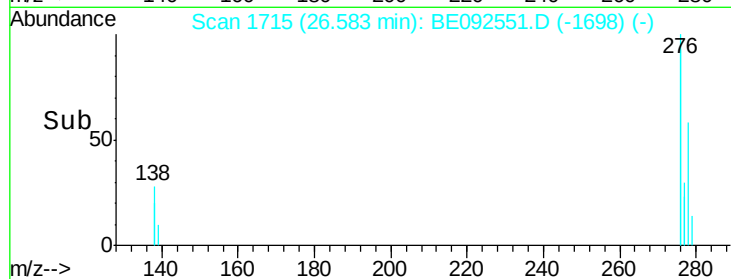
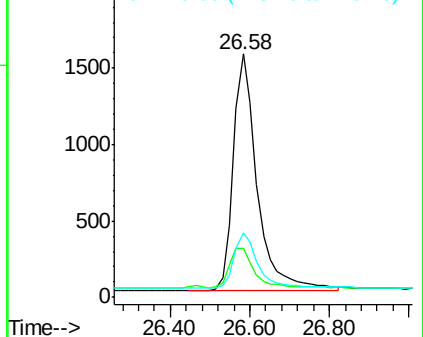
279 26.7 21.4 32.2



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

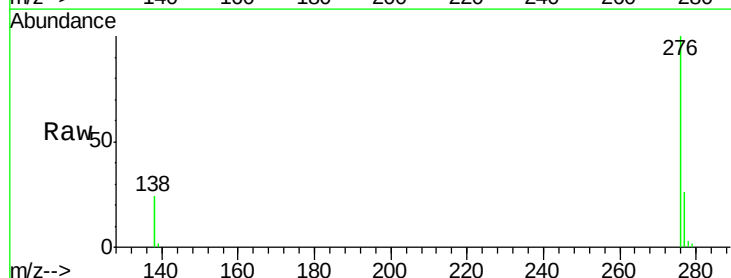
Tgt Ion:276 Resp: 27054

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

