

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011117\
 Data File : BE092646.D
 Acq On : 11 Jan 2017 18:47
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 12 00:12:25 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	8877	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	44168	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	31375	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	67342	5.00	ng	-0.02
24) Chrysene-d12	21.72	240	85432	5.00	ng	0.00
31) Perylene-d12	24.06	264	80453	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	550	0.46	ng	0.00
5) Phenol-d6	7.36	99	739	0.45	ng	-0.02
8) Nitrobenzene-d5	9.20	82	105	0.21	ng	-0.16
13) 2,4,6-Tribromophenol	16.31	330	238	0.43	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2782	0.37	ng	0.00
26) Terphenyl-d14	20.16	244	4011	0.38	ng	-0.02

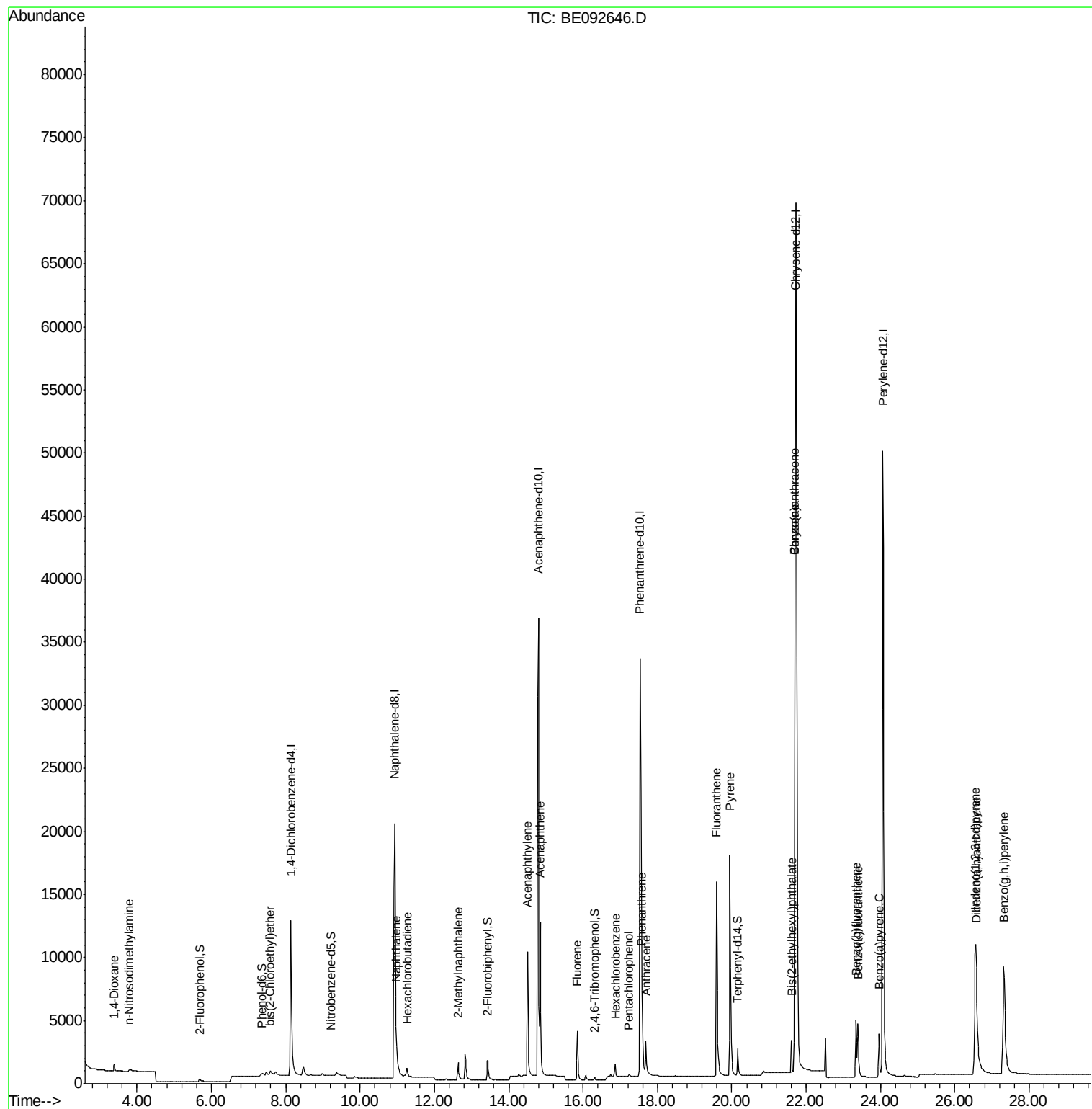
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	527	0.36	ng	92
3) n-Nitrosodimethylamine	3.79	42	390	0.45	ng	# 98
6) bis(2-Chloroethyl)ether	7.59	93	789	0.41	ng	# 79
9) Naphthalene	10.97	128	3404	0.38	ng	97
10) Hexachlorobutadiene	11.26	225	523	0.38	ng	97
11) 2-Methylnaphthalene	12.64	142	2070	0.36	ng	93
15) Acenaphthylene	14.51	152	15721	0.36	ng	100
16) Acenaphthene	14.85	154	2661	0.37	ng	97
17) Fluorene	15.84	166	3269	0.37	ng	99
19) Hexachlorobenzene	16.87	284	2290	0.80	ng	# 56
20) Pentachlorophenol	17.23	266	189	0.49	ng	94
21) Phenanthrene	17.58	178	6313	0.37	ng	# 95
22) Anthracene	17.69	178	5193	0.33	ng	99
23) Fluoranthene	19.59	202	26125	0.36	ng	99
25) Pyrene	19.95	202	27387	0.36	ng	99
27) Benzo(a)anthracene	21.70	228	28481	0.37	ng	# 88
28) Chrysene	21.70	228	28481	0.32	ng	# 68
29) Bis(2-ethylhexyl)phthalate	21.61	149	3069	0.46	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.55	276	29668	0.37	ng	99
32) Benzo(b)fluoranthene	23.35	252	6781	0.37	ng	97
33) Benzo(k)fluoranthene	23.39	252	7293	0.35	ng	98
34) Benzo(a)pyrene	23.96	252	6361	0.36	ng	98
35) Dibenzo(a,h)anthracene	26.58	278	5892	0.35	ng	# 97
36) Benzo(g,h,i)perylene	27.31	276	26286	0.36	ng	98

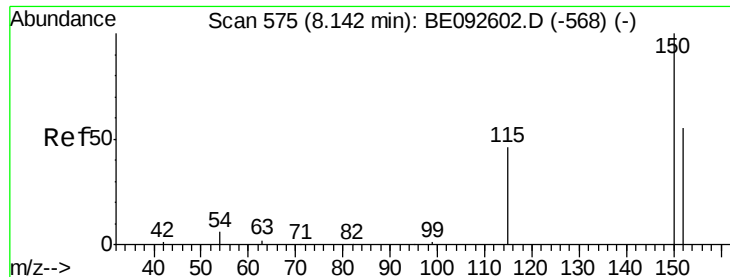
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

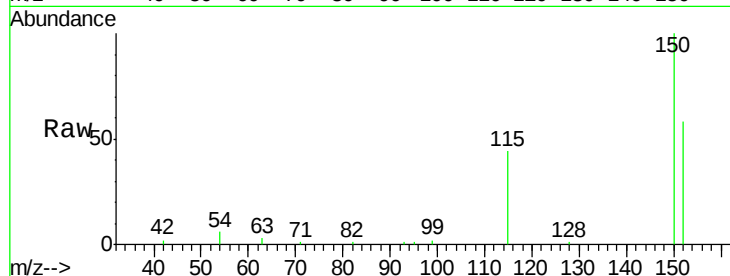
Tgt Ion:152 Resp: 8877

Ion Ratio Lower Upper

152 100

150 172.5 106.0 159.0#

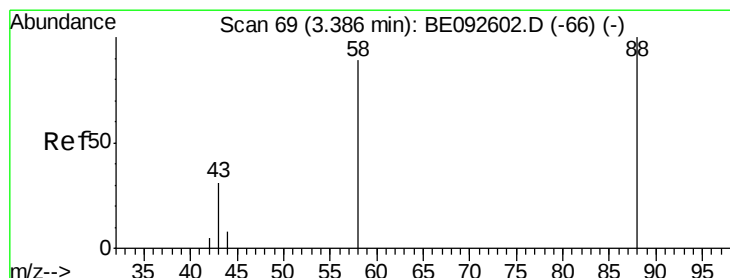
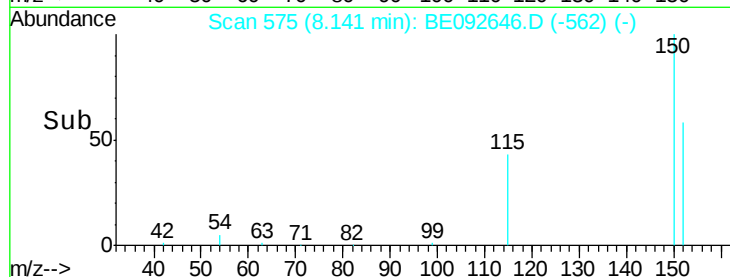
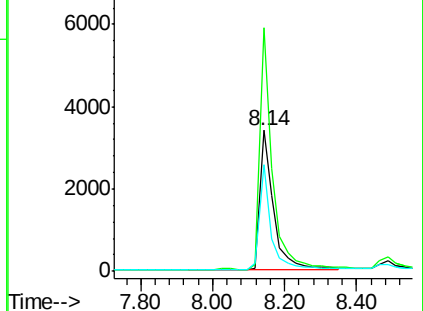
115 75.5 31.2 46.8#



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: BE092646.D

Acq: 11 Jan 2017 18:47

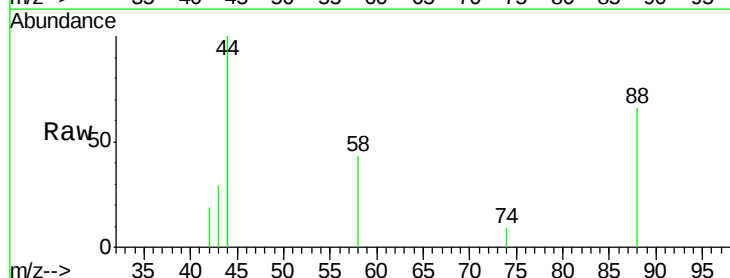
Tgt Ion: 88 Resp: 527

Ion Ratio Lower Upper

88 100

58 70.2 63.6 95.4

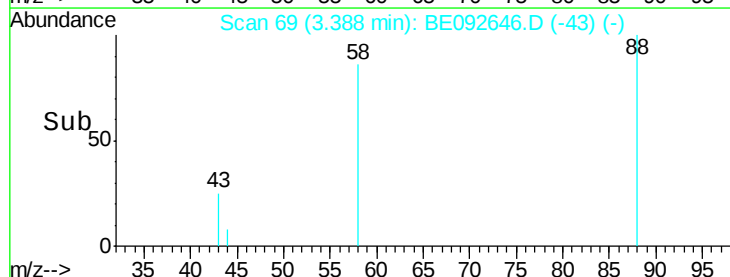
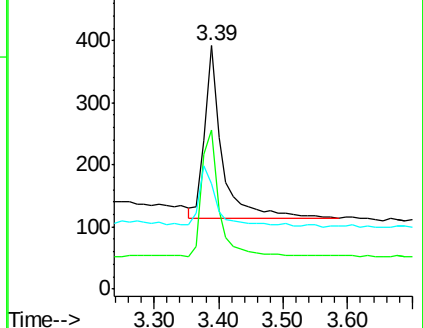
43 34.2 28.0 42.0

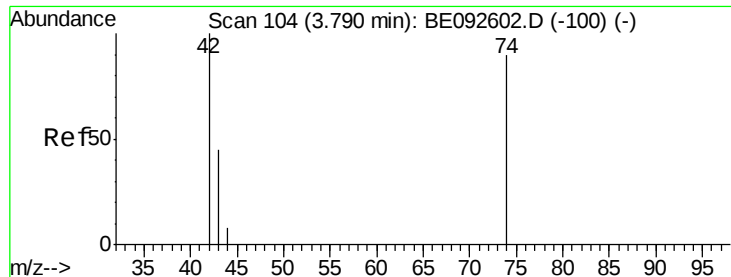


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.45 ng

RT: 3.79 min Scan# 104

Delta R.T. 0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

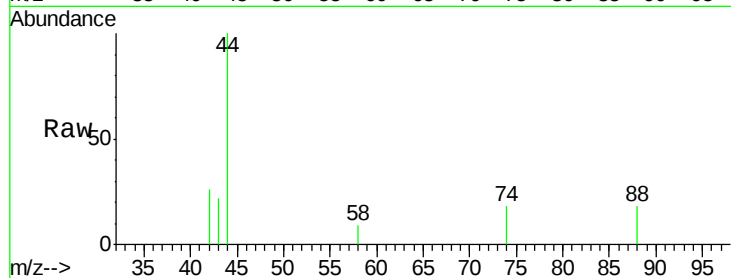
Tgt Ion: 42 Resp: 390

Ion Ratio Lower Upper

42 100

74 105.4 86.0 129.0

44 4.1 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

800

600

400

200

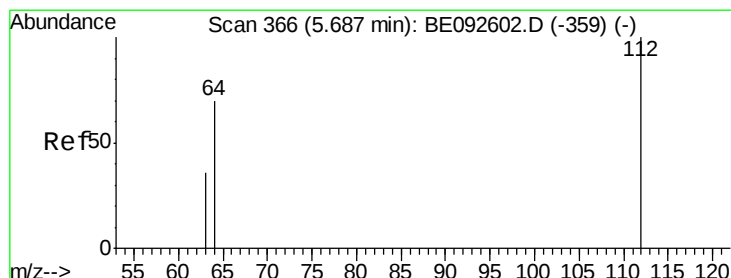
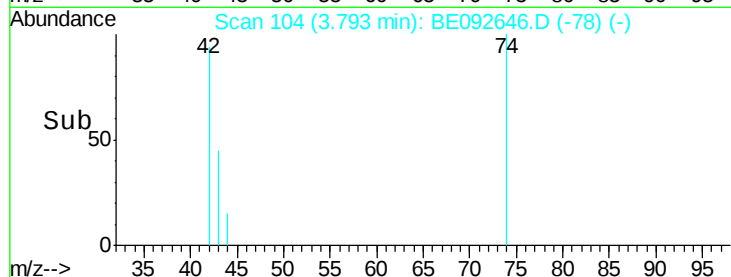
0

3.79

3.80

4.00

Time-->



#4

2-Fluorophenol

Concen: 0.46 ng

RT: 5.68 min Scan# 365

Delta R.T. -0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

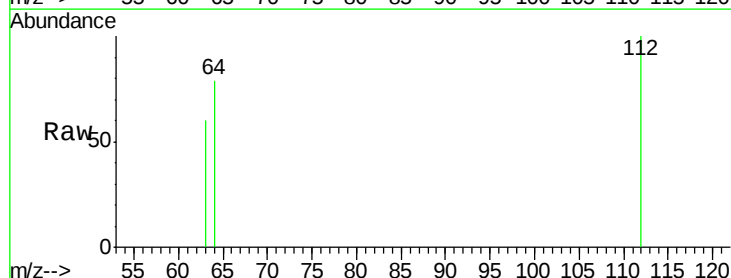
Tgt Ion: 112 Resp: 550

Ion Ratio Lower Upper

112 100

64 70.0 53.5 80.3

63 33.6 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

200

150

100

50

0

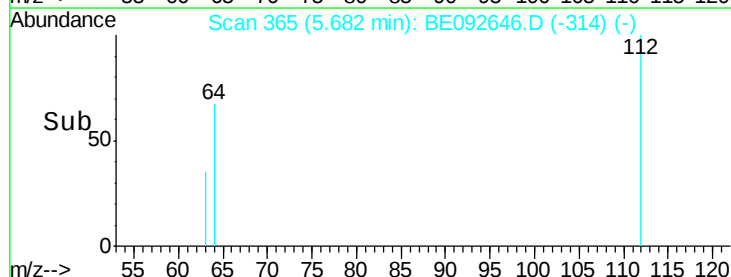
5.68

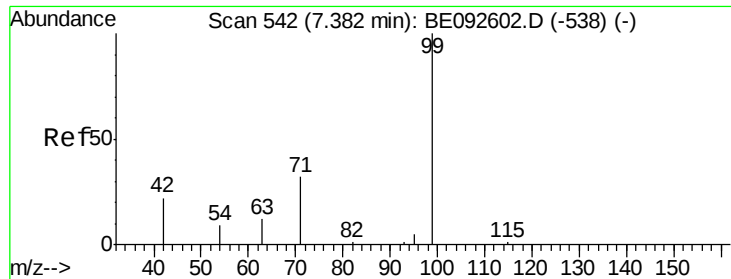
5.60

5.80

6.00

Time-->





#5

Phenol-d6

Concen: 0.45 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

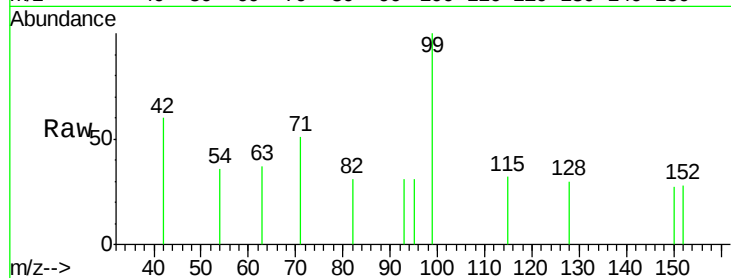
Tgt Ion: 99 Resp: 739

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

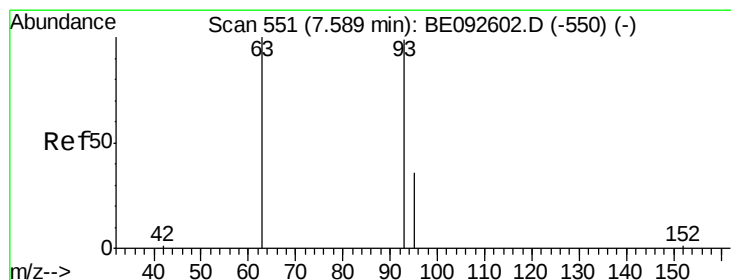
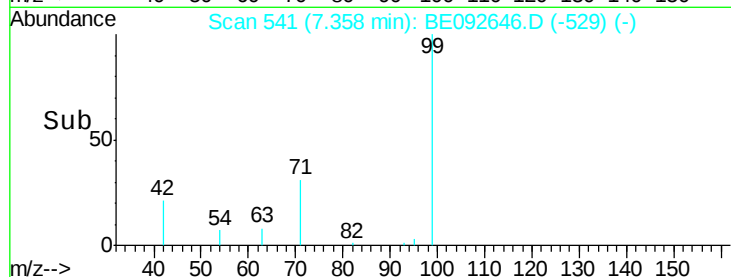
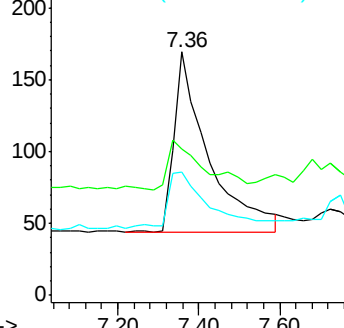
71 36.1 30.6 45.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.41 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

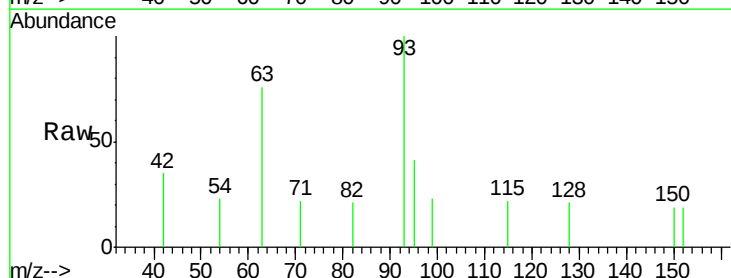
Tgt Ion: 93 Resp: 789

Ion Ratio Lower Upper

93 100

63 63.4 71.6 107.4#

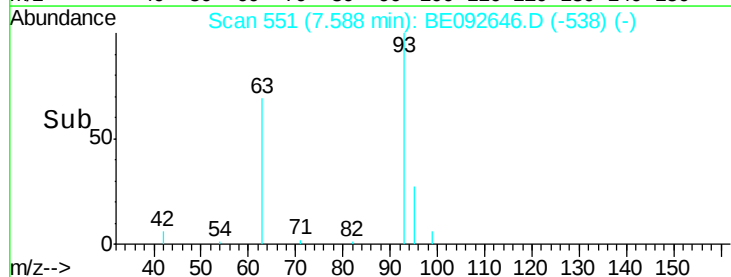
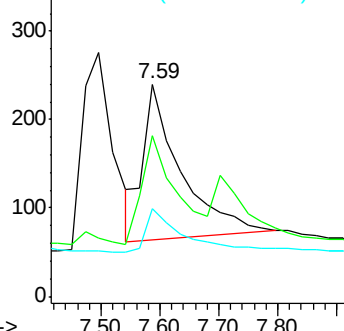
95 28.8 24.0 36.0

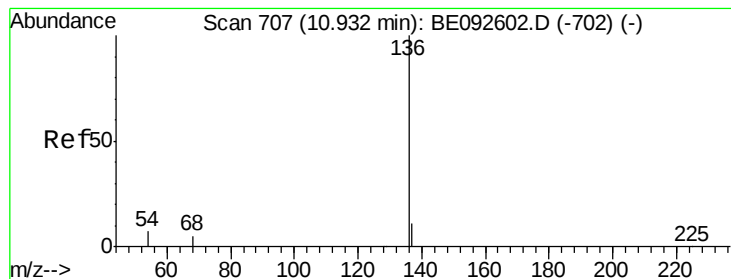


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 44168

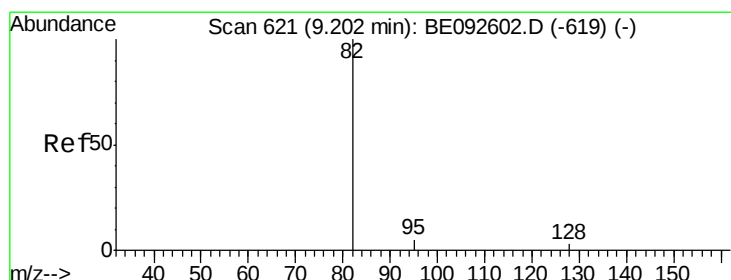
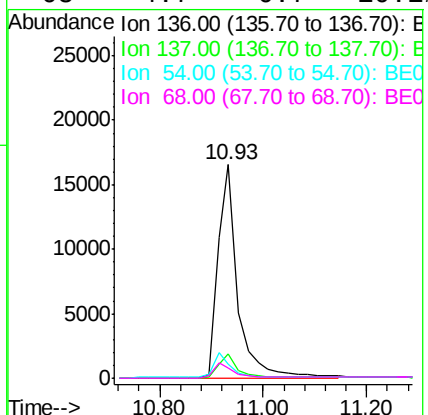
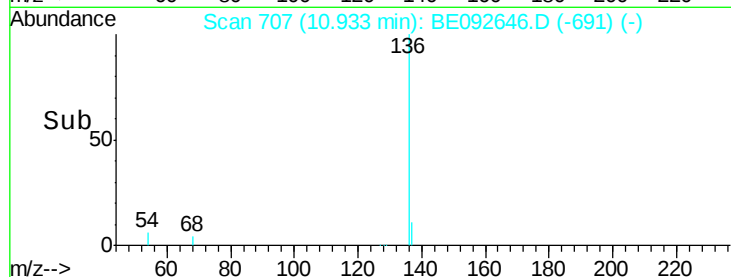
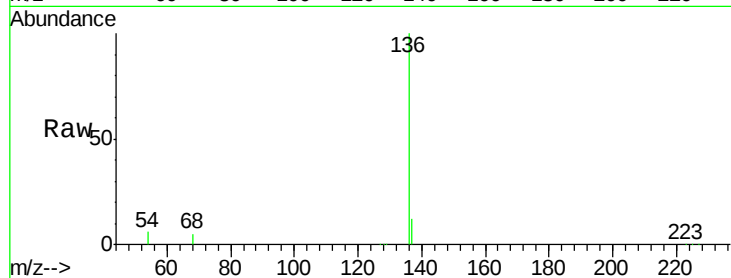
Ion Ratio Lower Upper

136 100

137 11.7 8.2 12.4

54 6.4 9.6 14.4#

68 4.7 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 0.21 ng

RT: 9.20 min Scan# 621

Delta R.T. -0.16 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

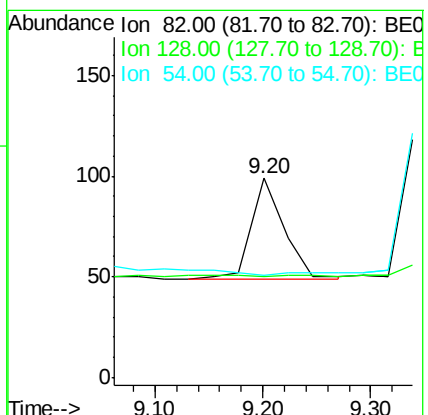
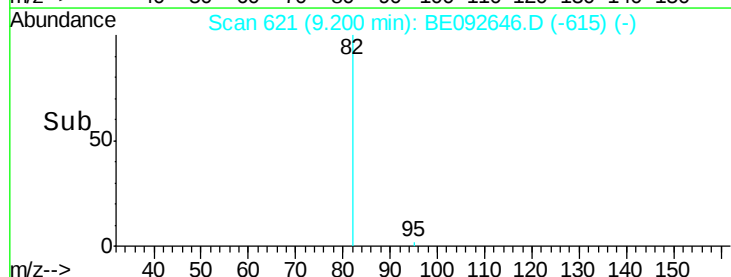
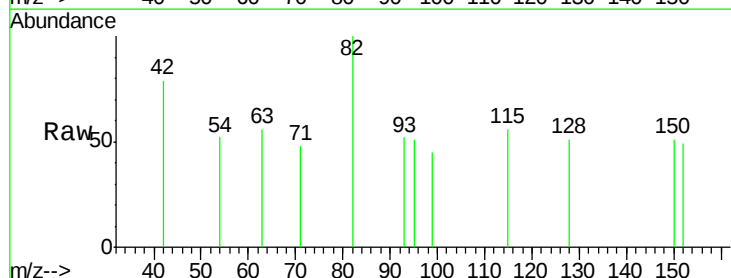
Tgt Ion: 82 Resp: 105

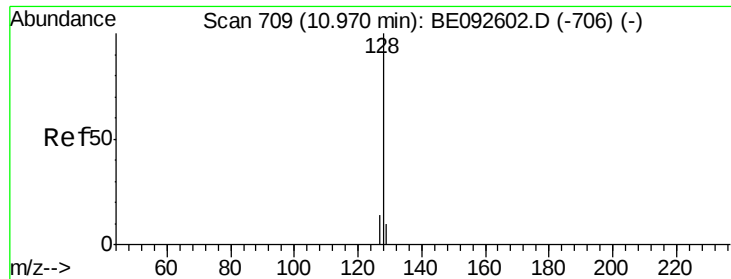
Ion Ratio Lower Upper

82 100

128 50.5 39.0 58.4

54 51.5 44.8 67.2





#9

Naphthalene

Concen: 0.38 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

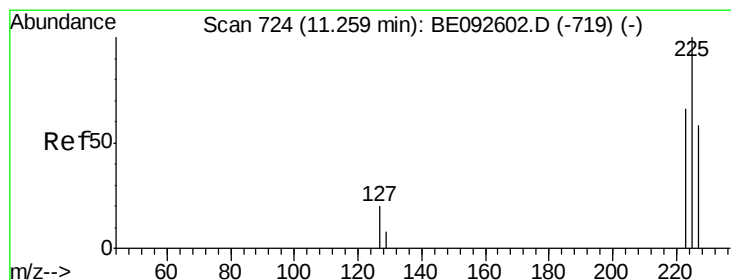
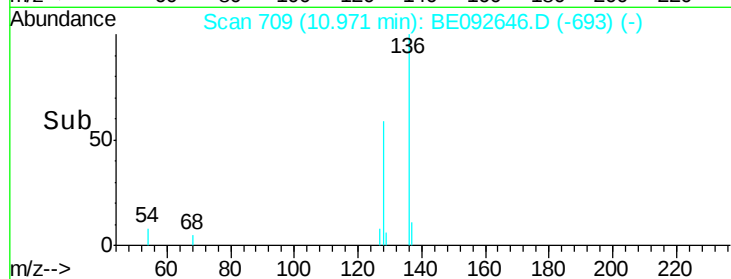
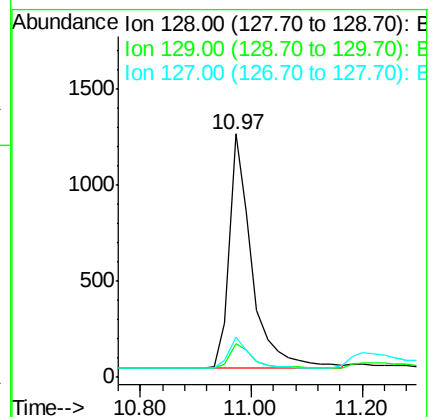
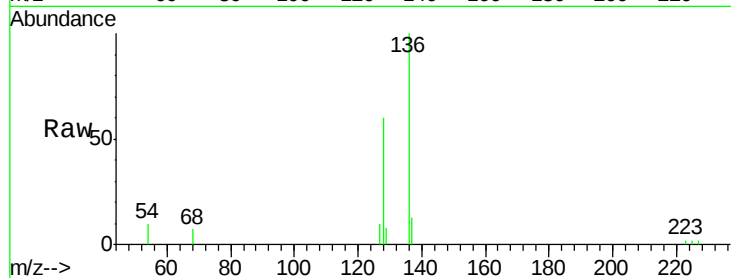
Tgt Ion:128 Resp: 3404

Ion Ratio Lower Upper

128 100

129 13.8 11.2 16.8

127 16.6 11.6 17.4



#10

Hexachlorobutadiene

Concen: 0.38 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

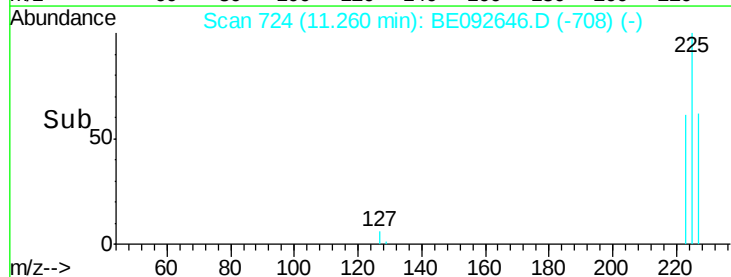
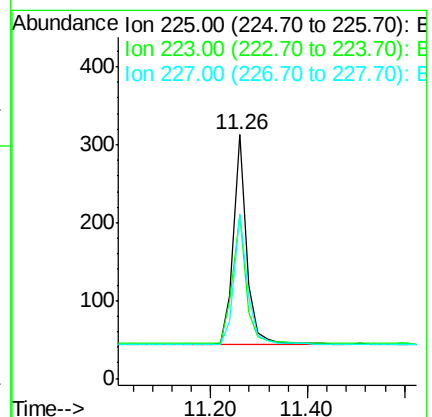
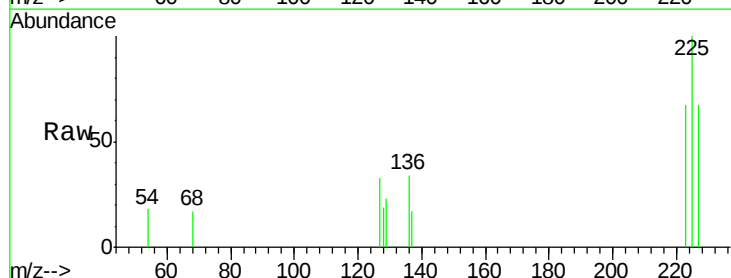
Tgt Ion:225 Resp: 523

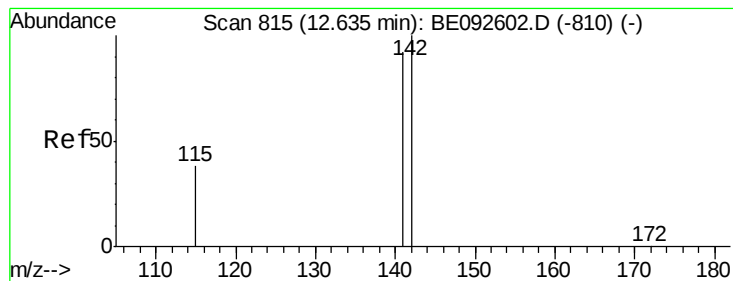
Ion Ratio Lower Upper

225 100

223 62.0 50.6 76.0

227 61.4 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.36 ng

RT: 12.64 min Scan# 815

Delta R.T. 0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

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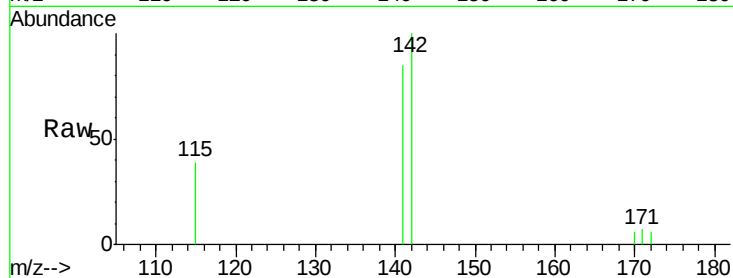
Tgt Ion:142 Resp: 2070

Ion Ratio Lower Upper

142 100

141 84.9 73.7 110.5

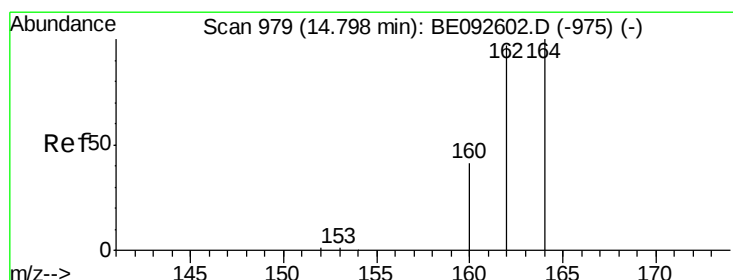
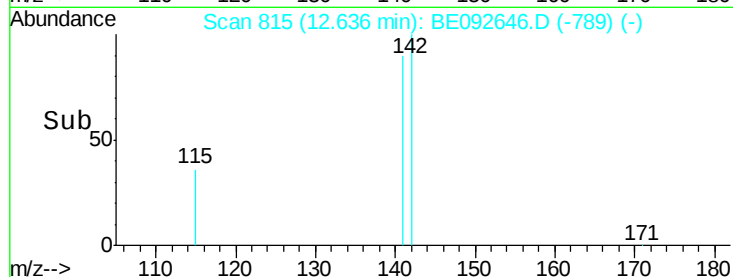
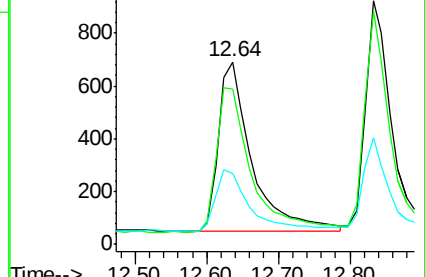
115 38.6 34.0 51.0



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: BE092646.D

Acq: 11 Jan 2017 18:47

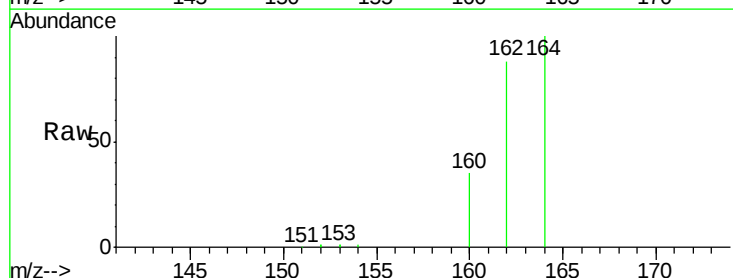
Tgt Ion:164 Resp: 31375

Ion Ratio Lower Upper

164 100

162 87.8 71.4 107.0

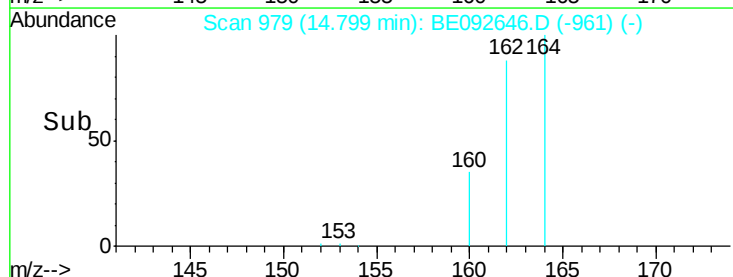
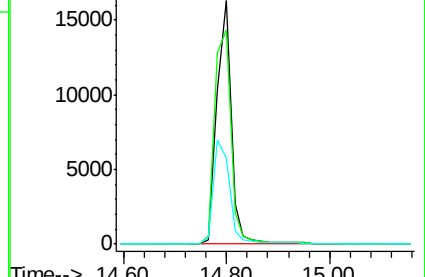
160 35.3 27.4 41.2

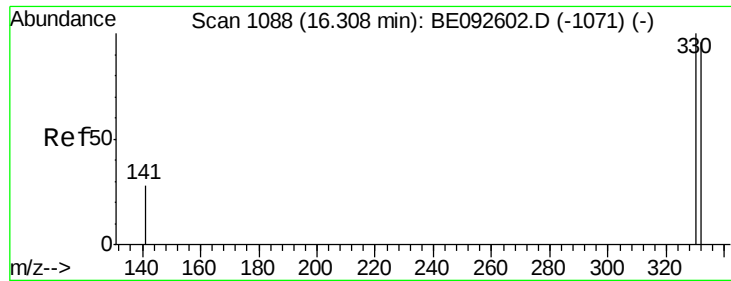


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

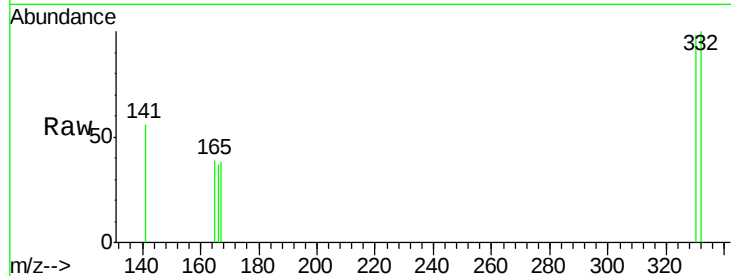




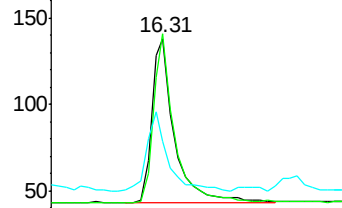
#13
 2,4,6-Tribromophenol
 Concen: 0.43 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092646.D
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Instrument :
 BNA_E
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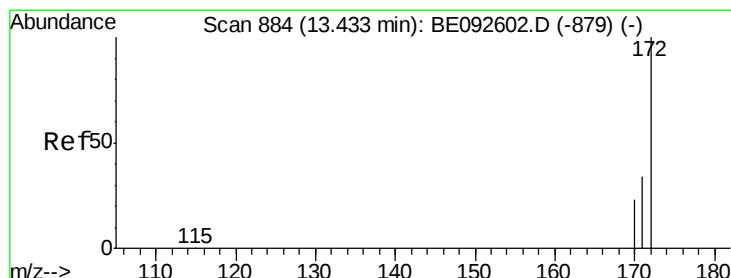
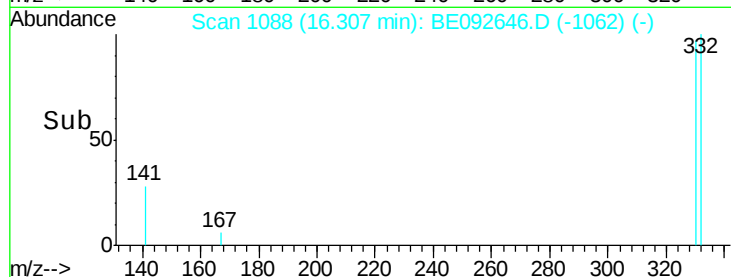
Tgt Ion: 330 Resp: 238
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.4 113.0
 141 44.5 31.0 46.6



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

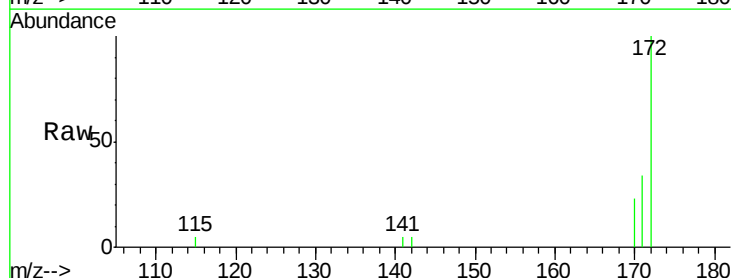


Time-->

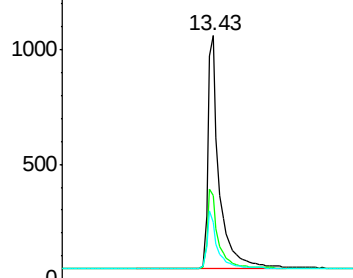


#14
 2-Fluorobiphenyl
 Concen: 0.37 ng
 RT: 13.43 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BE092646.D
 Acq: 11 Jan 2017 18:47

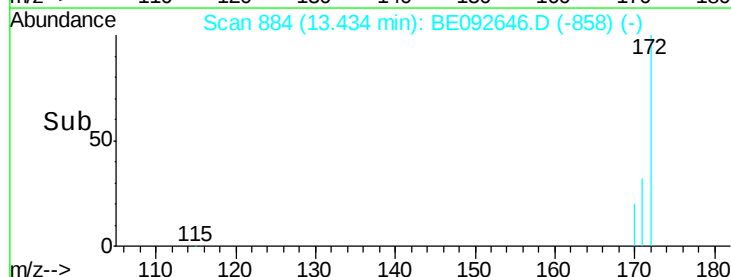
Tgt Ion: 172 Resp: 2782
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.1 45.1
 170 23.1 21.8 32.6

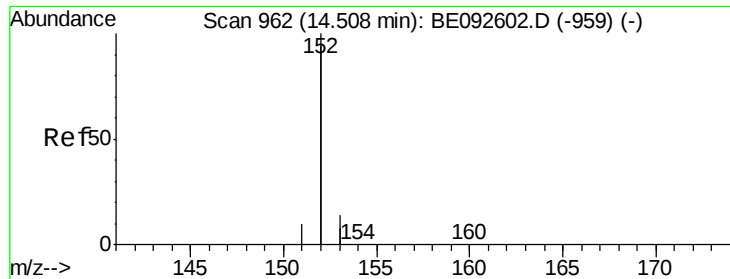


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->

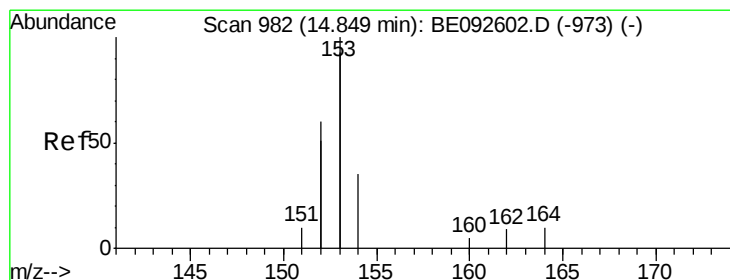
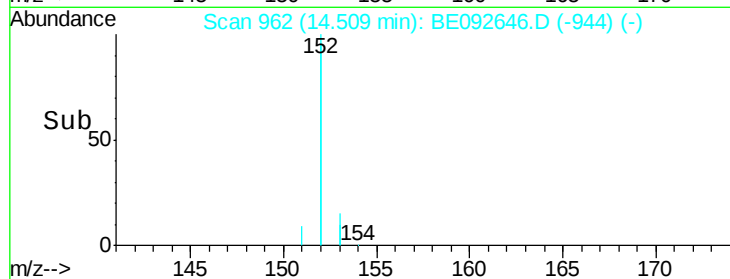
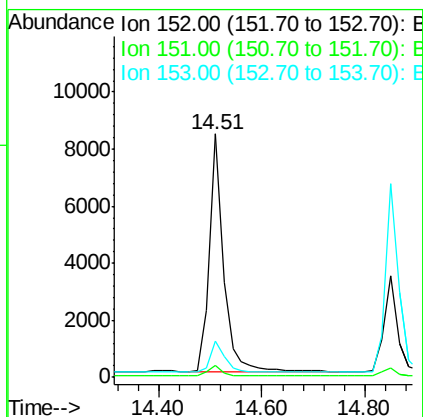
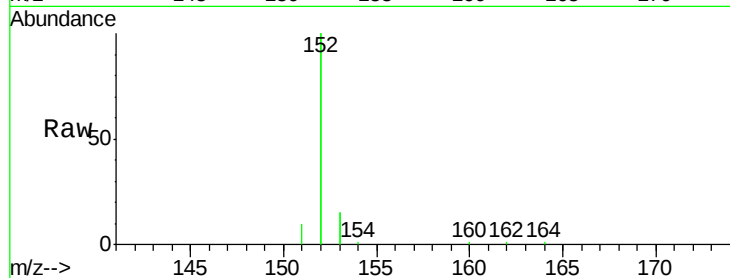




#15
Acenaphthylene
Concen: 0.36 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092646.D
Acq: 11 Jan 2017 18:47

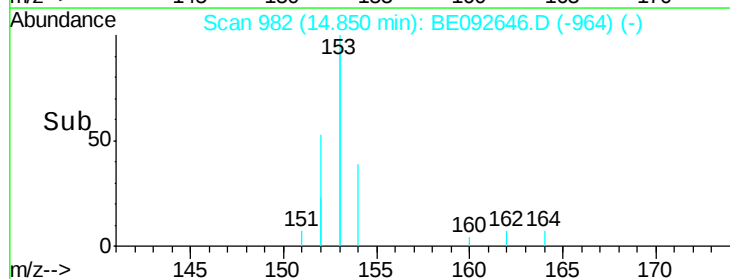
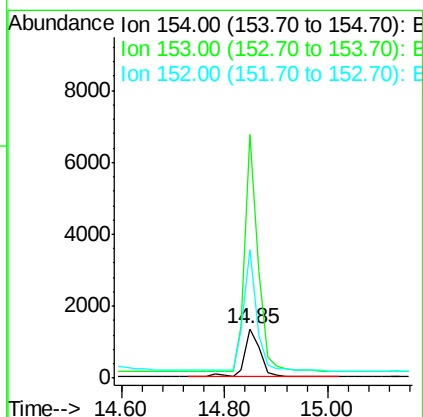
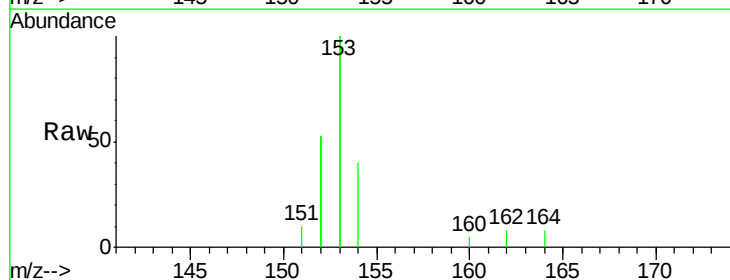
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

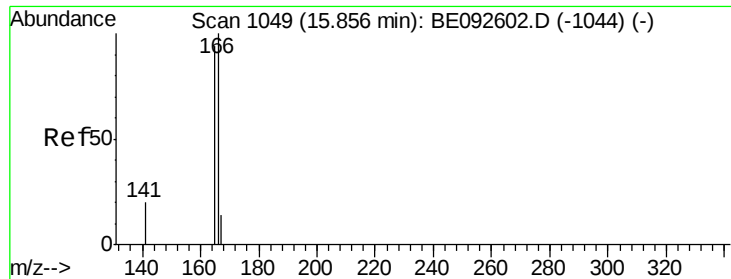
Tgt Ion:152 Resp: 15721
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.0 10.4 15.6



#16
Acenaphthene
Concen: 0.37 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092646.D
Acq: 11 Jan 2017 18:47

Tgt Ion:154 Resp: 2661
Ion Ratio Lower Upper
154 100
153 439.2 350.8 526.2
152 228.3 171.1 256.7

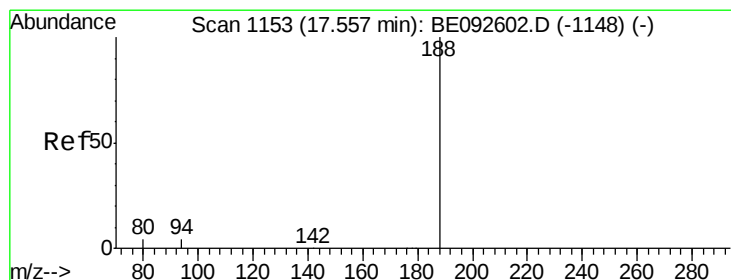
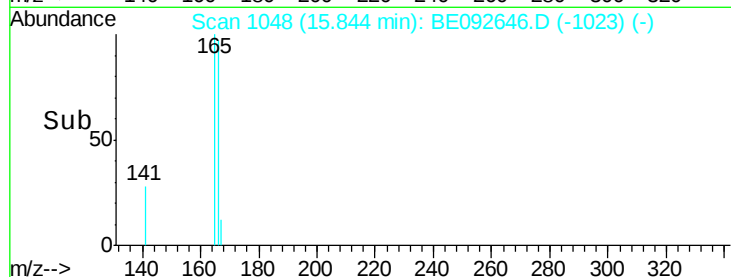
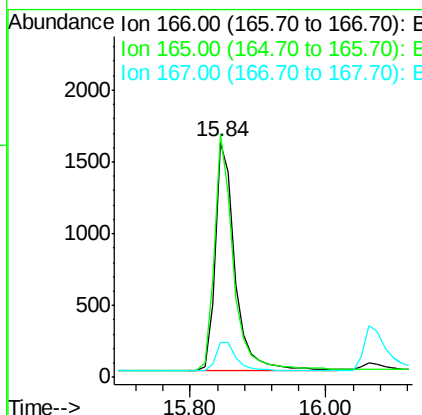
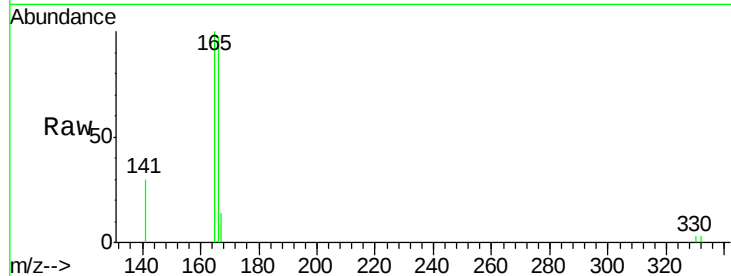




#17
Fluorene
 Concen: 0.37 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092646.D
 Acq: 11 Jan 2017 18:47

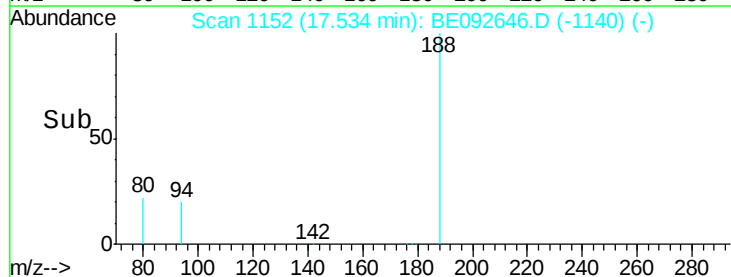
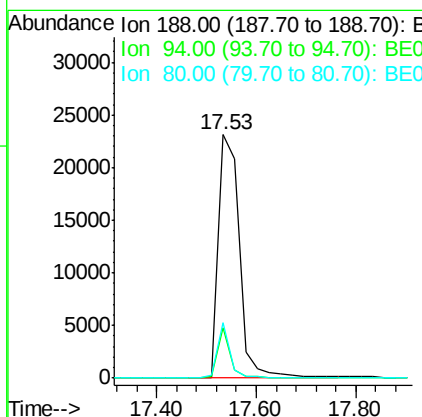
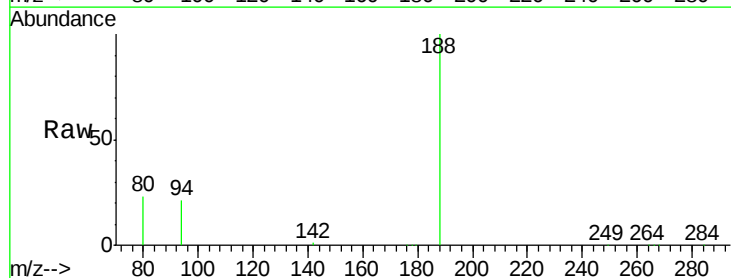
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

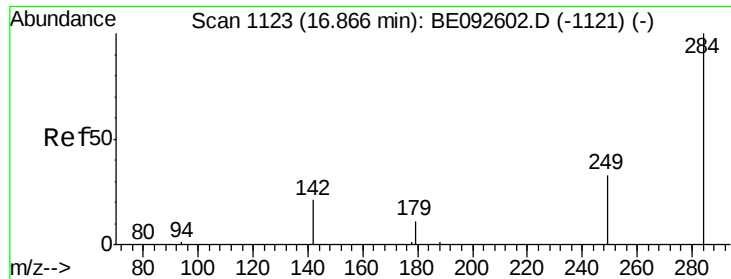
Tgt Ion:166 Resp: 3269
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.2 117.4
 167 13.7 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.53 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BE092646.D
 Acq: 11 Jan 2017 18:47

Tgt Ion:188 Resp: 67342
 Ion Ratio Lower Upper
 188 100
 94 20.6 3.2 4.8#
 80 22.6 2.6 3.8#

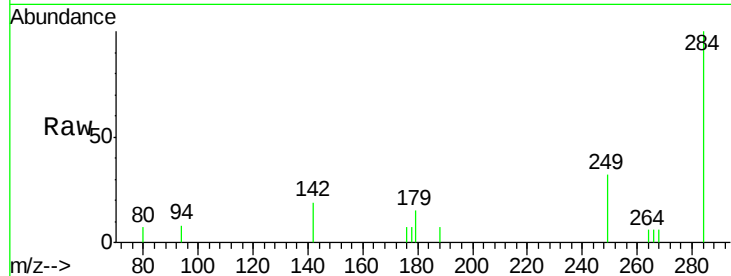




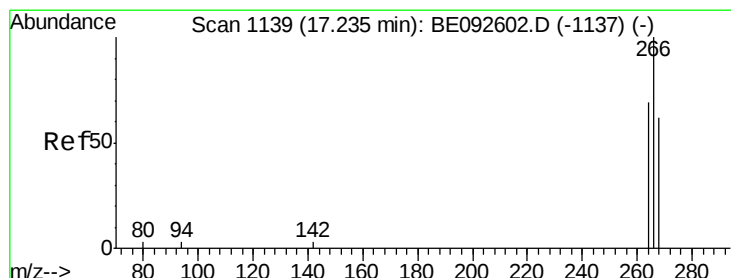
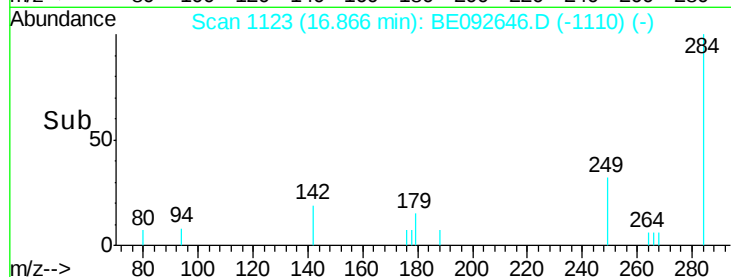
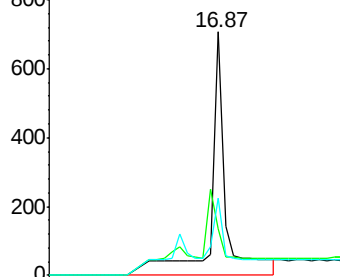
#19
Hexachlorobenzene
Concen: 0.80 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092646.D
Acq: 11 Jan 2017 18:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 2290
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 19.4 27.9 41.9#

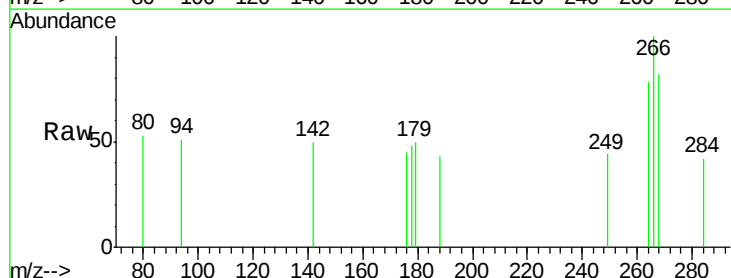


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

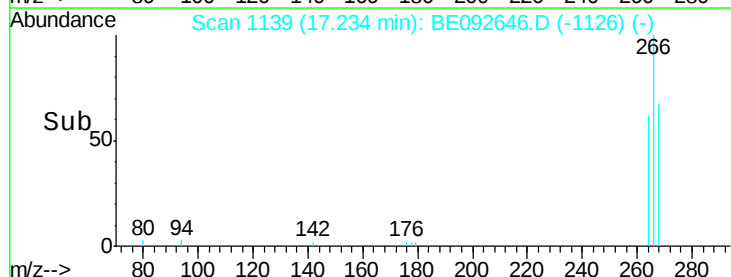
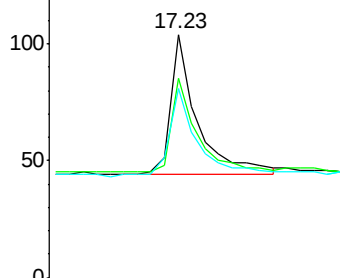


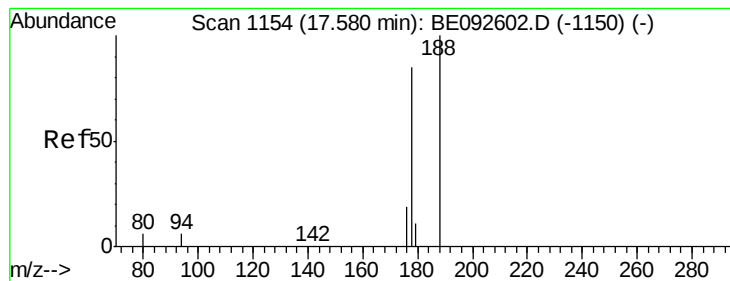
#20
Pentachlorophenol
Concen: 0.49 ng
RT: 17.23 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092646.D
Acq: 11 Jan 2017 18:47

Tgt Ion: 266 Resp: 189
Ion Ratio Lower Upper
266 100
268 81.7 62.5 93.7
264 77.9 57.2 85.8



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





#21

Phenanthrene

Concen: 0.37 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

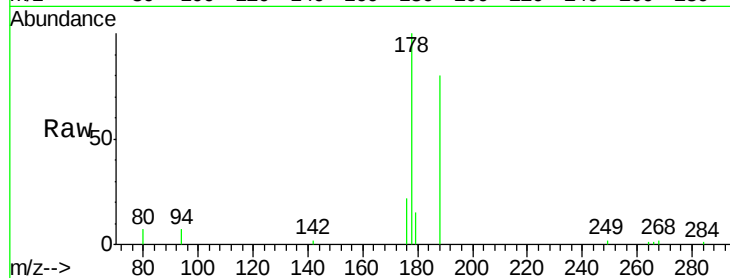
Tgt Ion:178 Resp: 6313

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

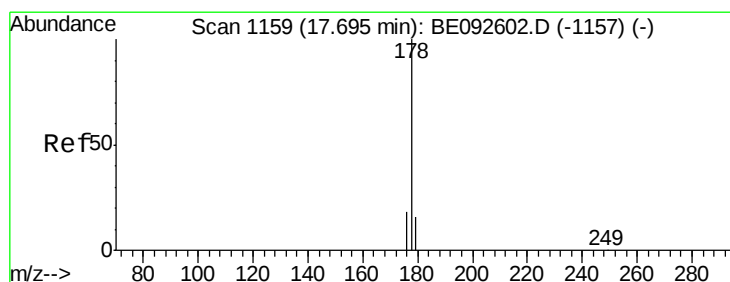
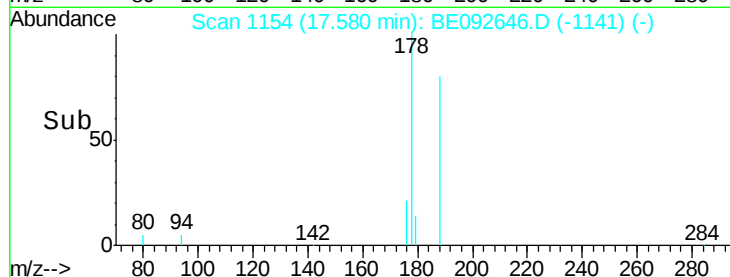
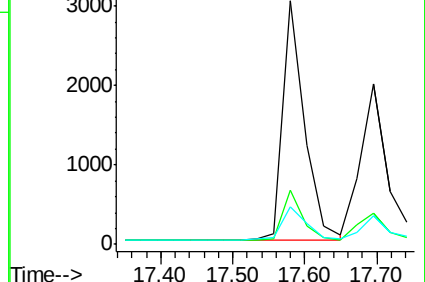
179 15.8 16.0 24.0#



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



#22

Anthracene

Concen: 0.33 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

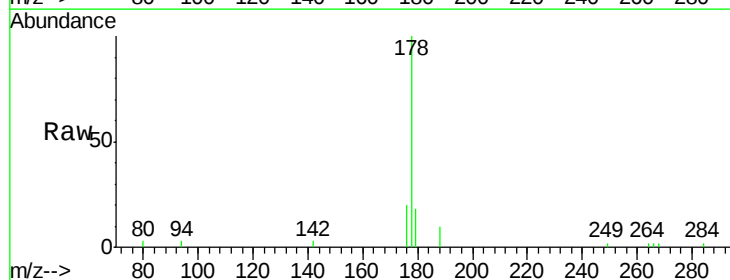
Tgt Ion:178 Resp: 5193

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

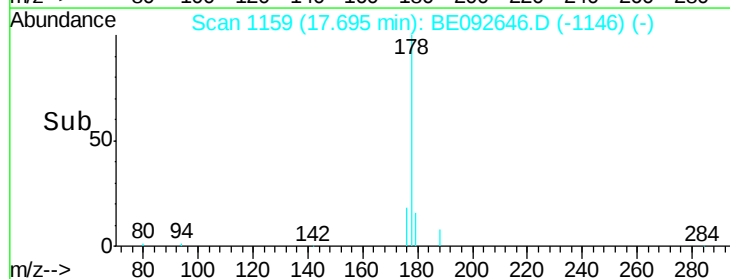
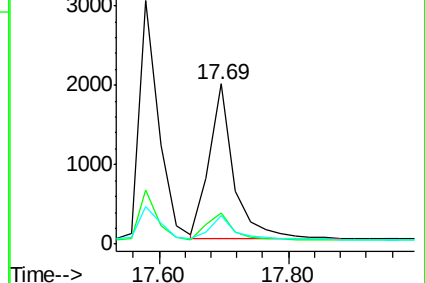
179 15.5 12.2 18.2

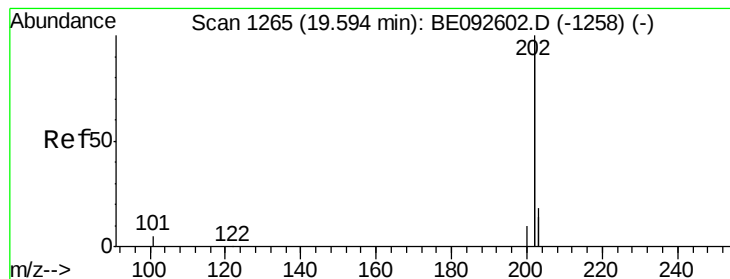


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.36 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

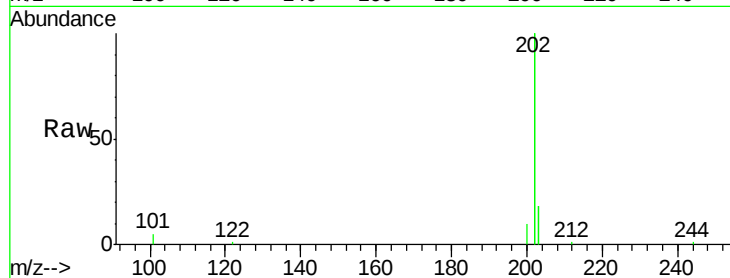
Tgt Ion:202 Resp: 26125

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

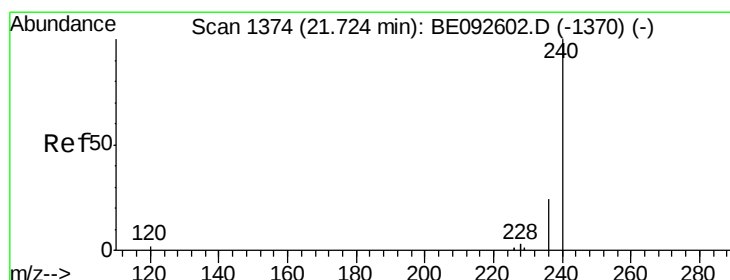
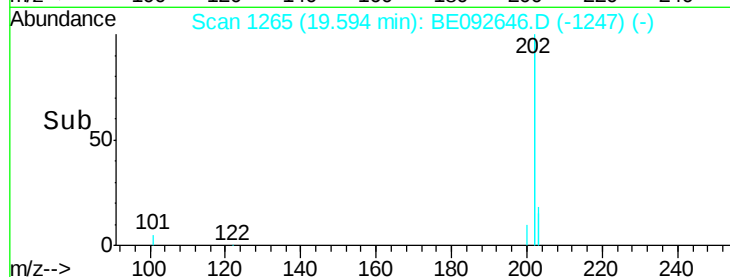
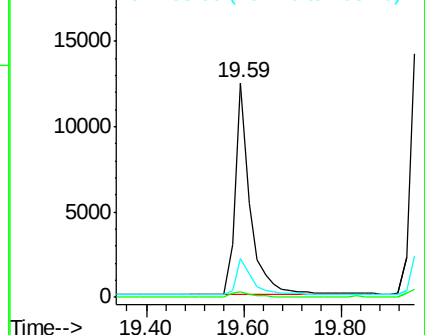
203 17.7 13.7 20.5



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: BE092646.D

Acq: 11 Jan 2017 18:47

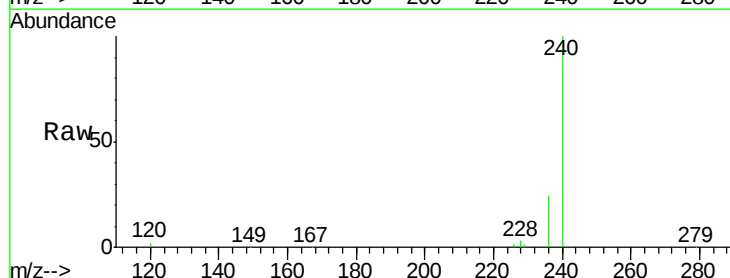
Tgt Ion:240 Resp: 85432

Ion Ratio Lower Upper

240 100

120 1.7 2.6 4.0#

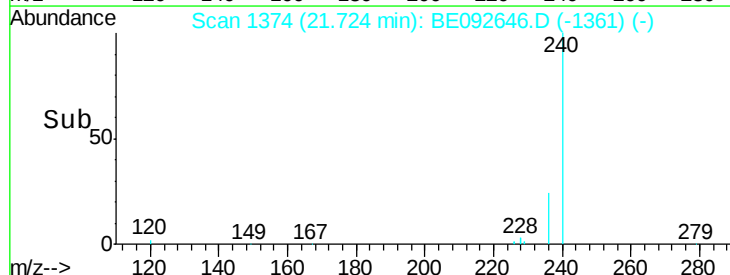
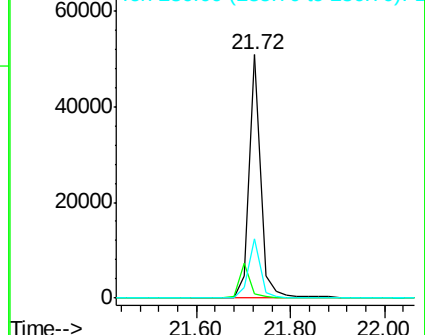
236 24.4 24.6 37.0#

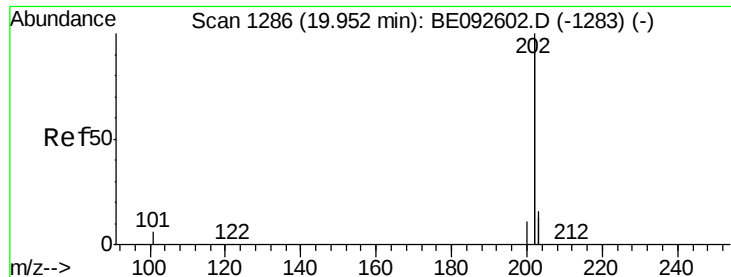


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

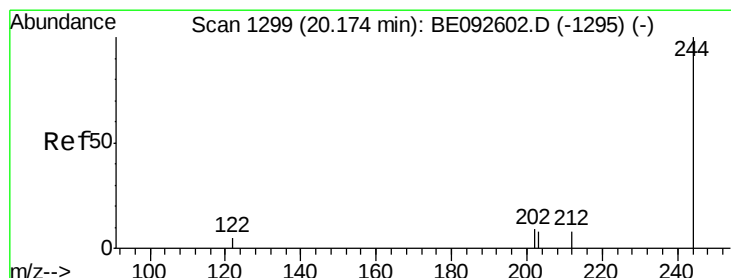
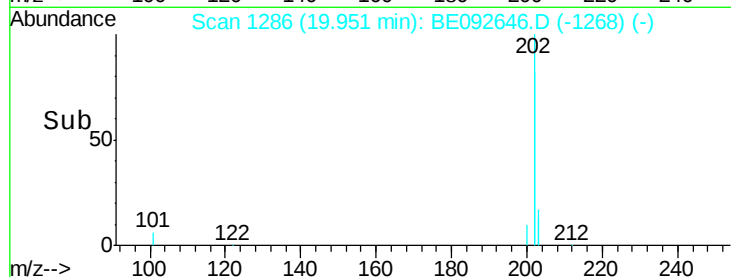
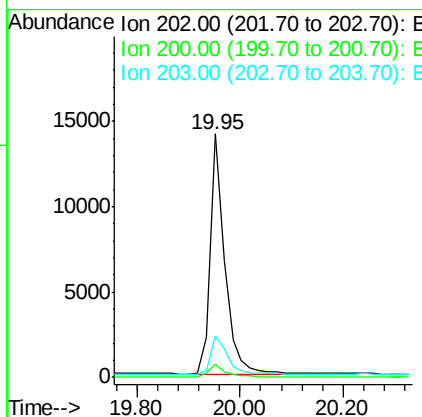
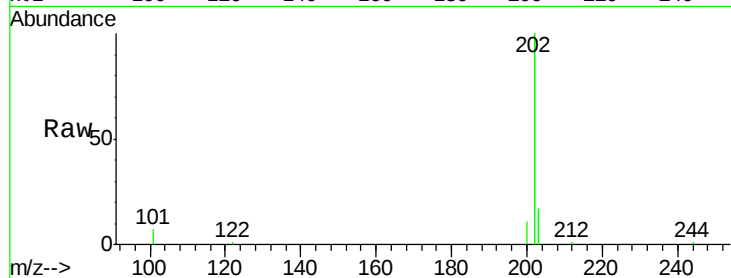




#25
Pyrene
Concen: 0.36 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092646.D
Acq: 11 Jan 2017 18:47

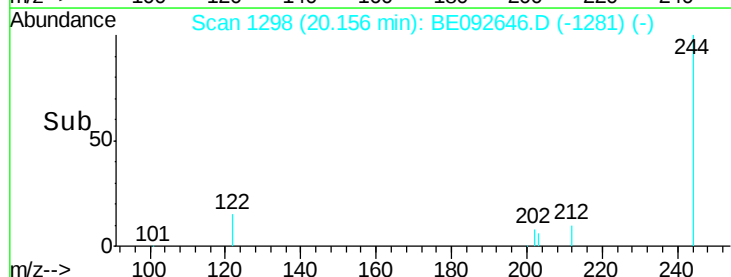
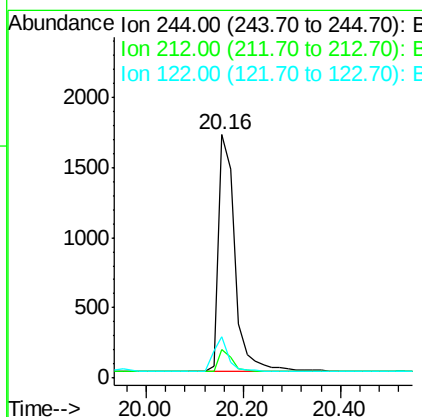
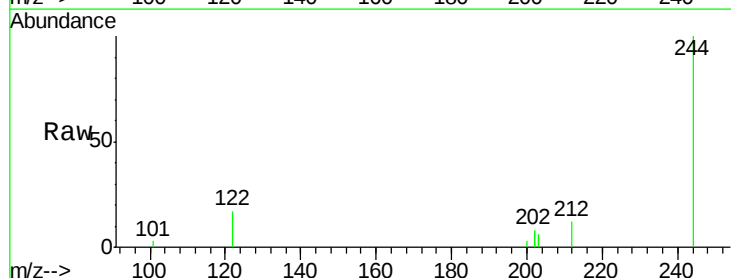
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

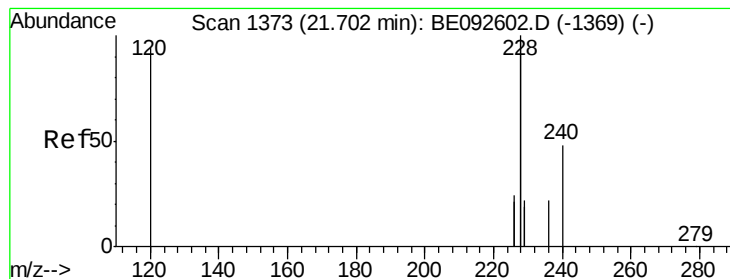
Tgt Ion: 202 Resp: 27387
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.7 13.9 20.9



#26
Terphenyl-d14
Concen: 0.38 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092646.D
Acq: 11 Jan 2017 18:47

Tgt Ion: 244 Resp: 4011
Ion Ratio Lower Upper
244 100
212 11.9 6.7 10.1#
122 17.3 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.37 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

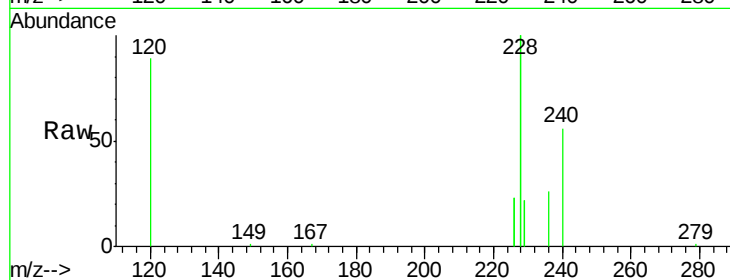
Tgt Ion:228 Resp: 28481

Ion Ratio Lower Upper

228 100

226 22.6 23.6 35.4#

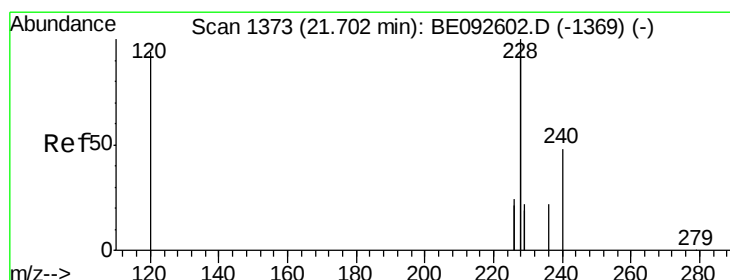
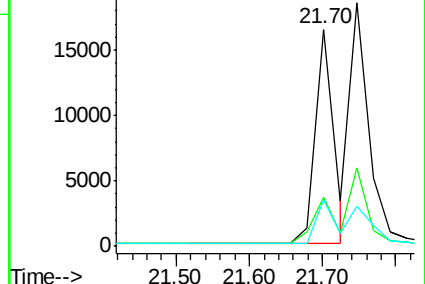
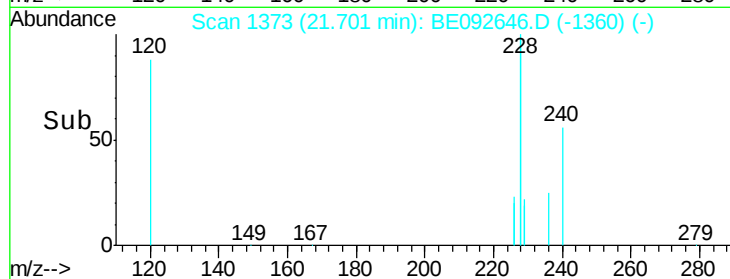
229 21.7 13.3 19.9#



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: 0.32 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.05 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

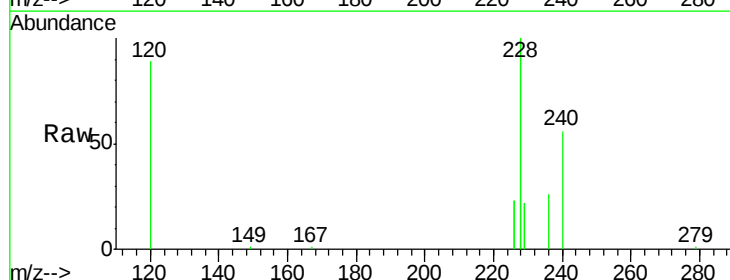
Tgt Ion:228 Resp: 28481

Ion Ratio Lower Upper

228 100

226 22.6 36.3 54.5#

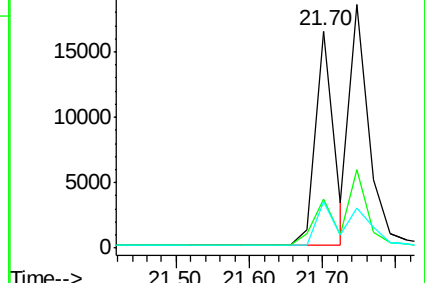
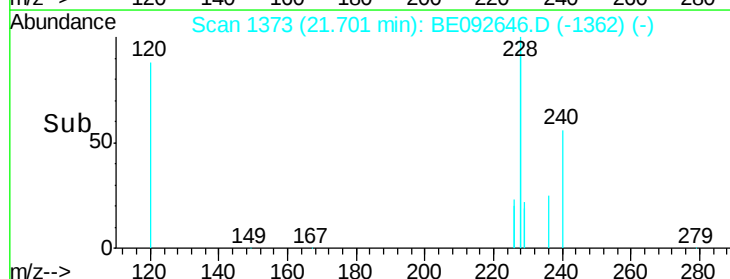
229 21.7 10.6 16.0#

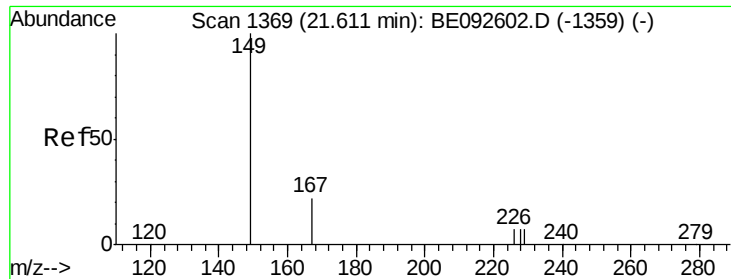


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.46 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

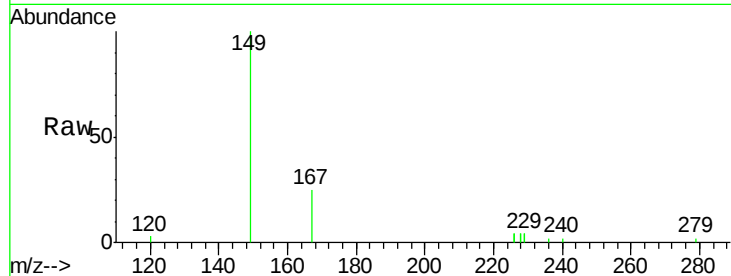
Tgt Ion:149 Resp: 3069

Ion Ratio Lower Upper

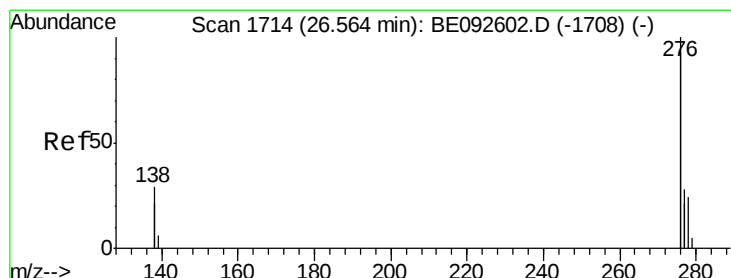
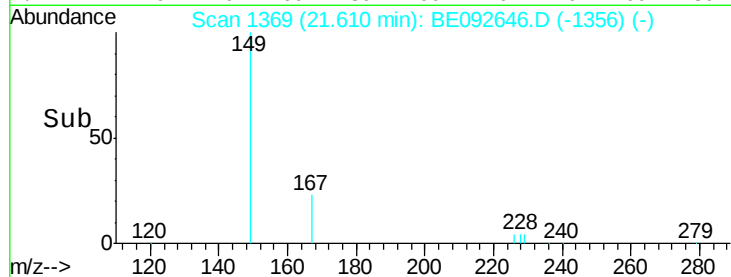
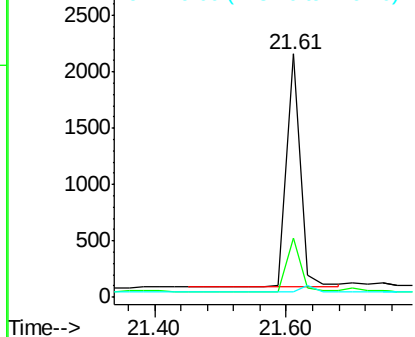
149 100

167 23.2 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: 0.37 ng

RT: 26.55 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

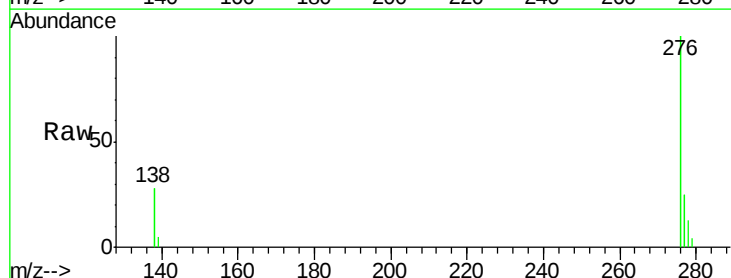
Tgt Ion:276 Resp: 29668

Ion Ratio Lower Upper

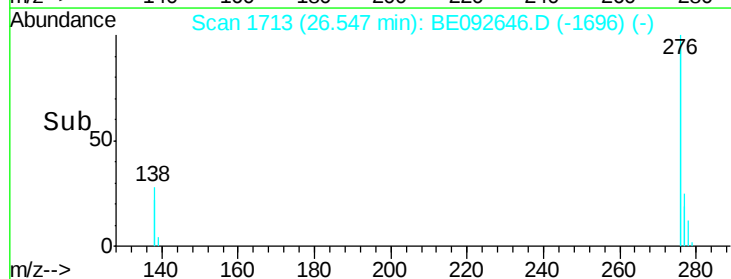
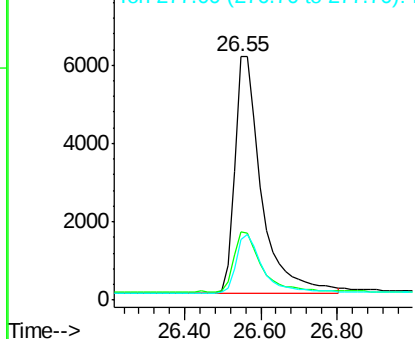
276 100

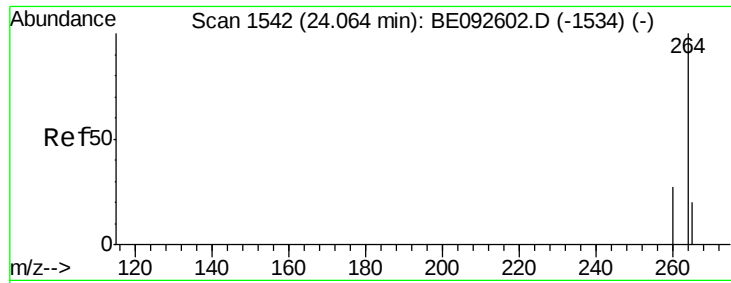
138 26.3 20.3 30.5

277 24.7 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.06 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

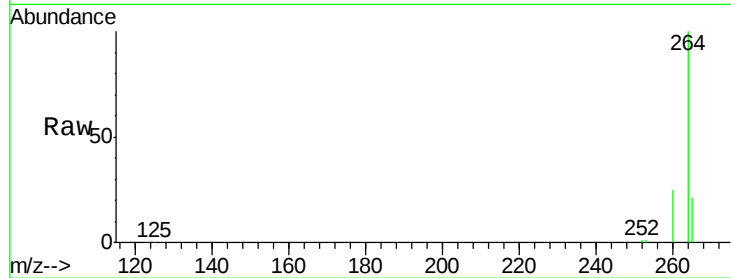
Tgt Ion:264 Resp: 80453

Ion Ratio Lower Upper

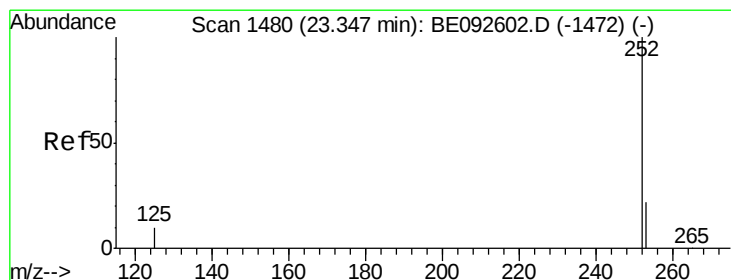
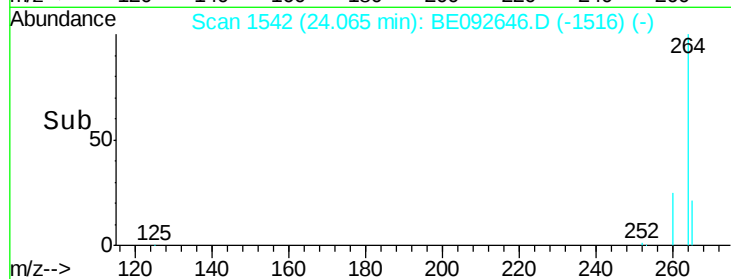
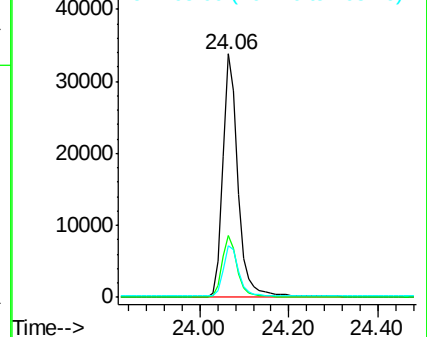
264 100

260 25.4 20.1 30.1

265 21.3 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#32

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 23.35 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

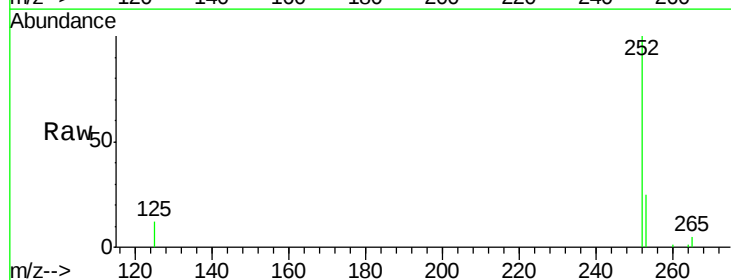
Tgt Ion:252 Resp: 6781

Ion Ratio Lower Upper

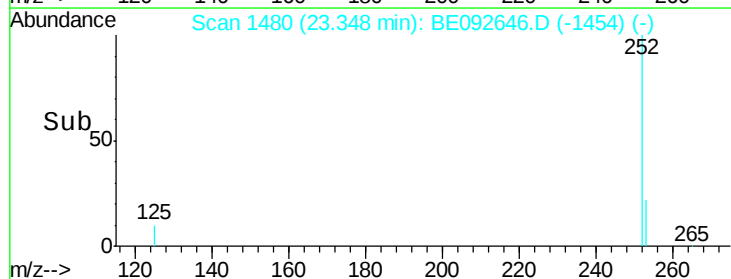
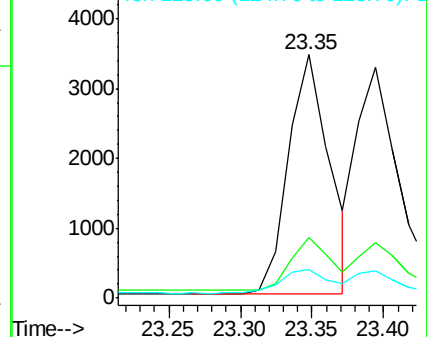
252 100

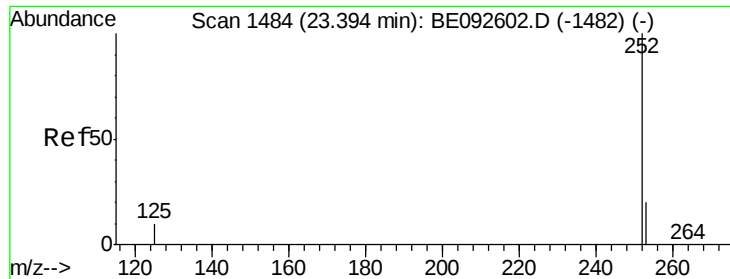
253 24.9 18.7 28.1

125 11.7 10.5 15.7



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





#33

Benzo(k)fluoranthene

Concen: 0.35 ng

RT: 23.39 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

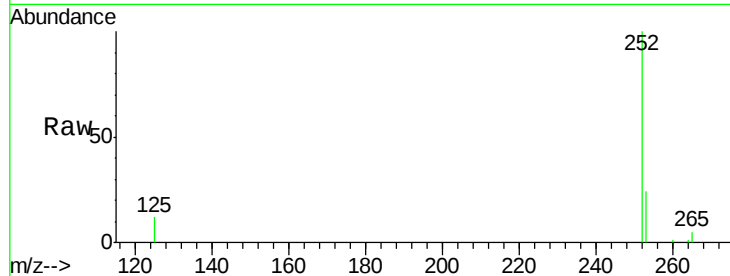
Tgt Ion:252 Resp: 7293

Ion Ratio Lower Upper

252 100

253 24.2 20.3 30.5

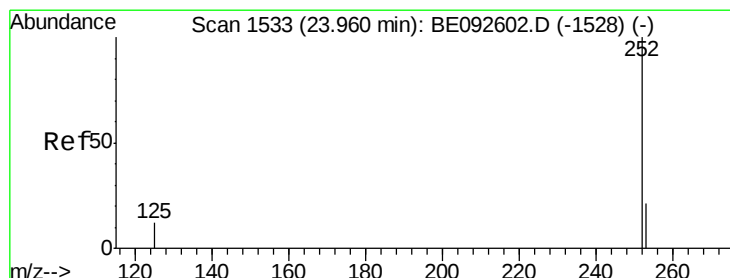
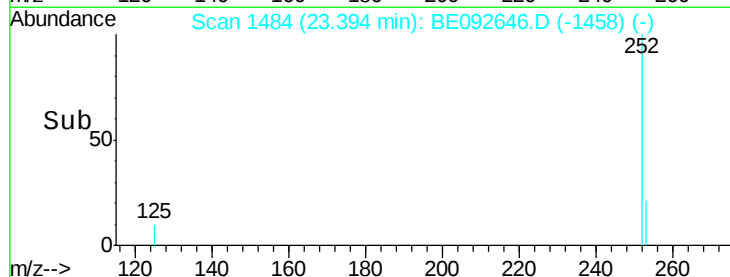
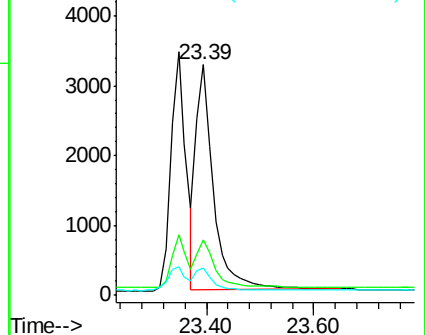
125 11.9 9.6 14.4



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: 0.36 ng

RT: 23.96 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

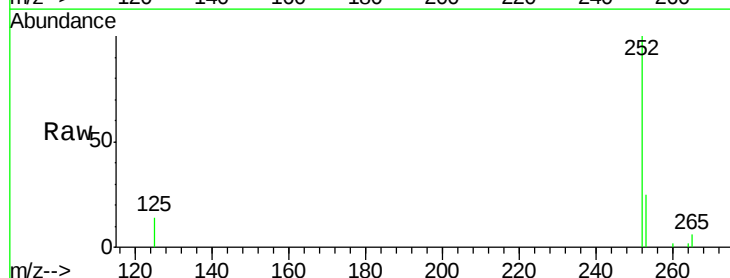
Tgt Ion:252 Resp: 6361

Ion Ratio Lower Upper

252 100

253 25.0 19.0 28.6

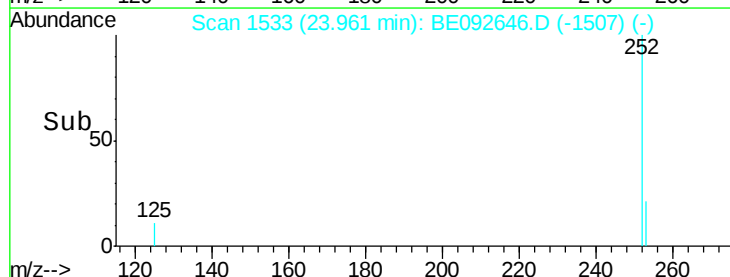
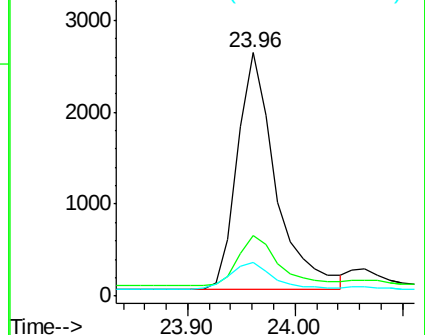
125 13.8 11.8 17.8

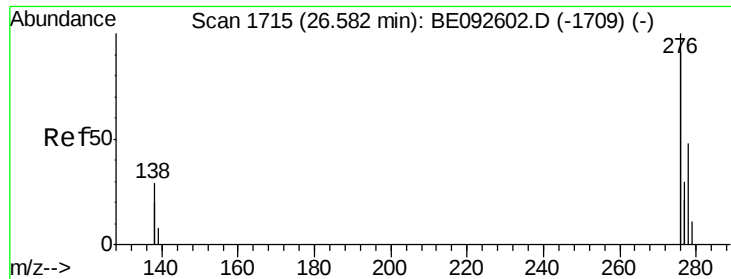


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

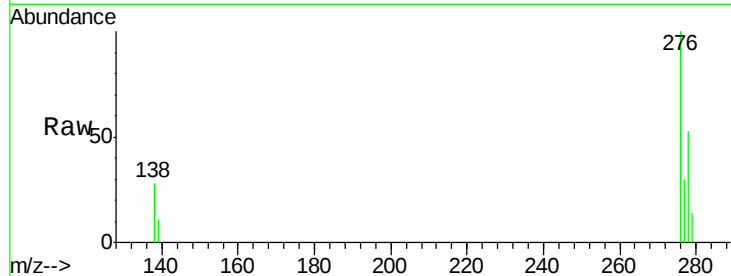
Tgt Ion:278 Resp: 5892

Ion Ratio Lower Upper

278 100

139 21.2 13.8 20.8#

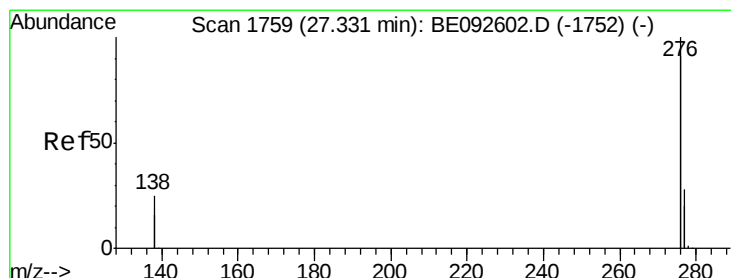
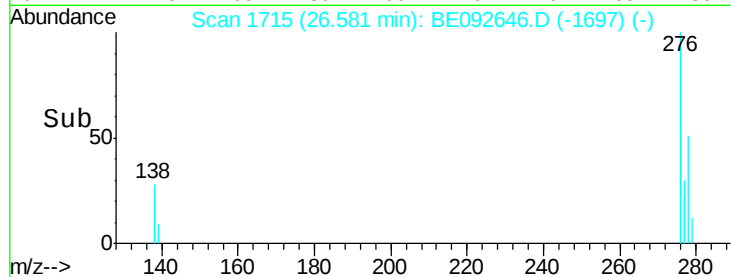
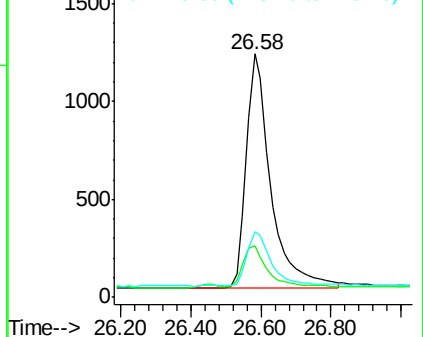
279 26.8 21.4 32.2



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: 0.36 ng

RT: 27.31 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BE092646.D

Acq: 11 Jan 2017 18:47

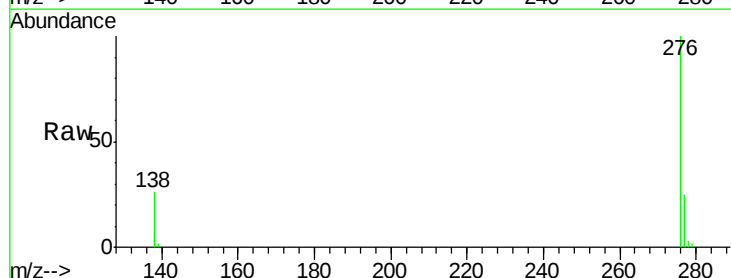
Tgt Ion:276 Resp: 26286

Ion Ratio Lower Upper

276 100

277 24.6 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

