

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093104.D
 Acq On : 12 Jun 2017 16:00
 Operator : SJ/MA
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 13 01:10:35 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 14:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	757	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3441	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	1750	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3722	0.40	ng	0.00
27) Chrysene-d12	21.27	240	5569	0.40	ng	0.00
34) Perylene-d12	23.67	264	4664	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	727	0.33	ng	0.00
5) Phenol-d6	6.90	99	1041	0.32	ng	0.00
8) Nitrobenzene-d5	8.88	82	958	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1811	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	128	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	2693	0.36	ng	0.00
25) Fluoranthene-d10	19.11	212	4132	0.34	ng	0.00
29) Terphenyl-d14	19.72	244	3961	0.37	ng	0.00

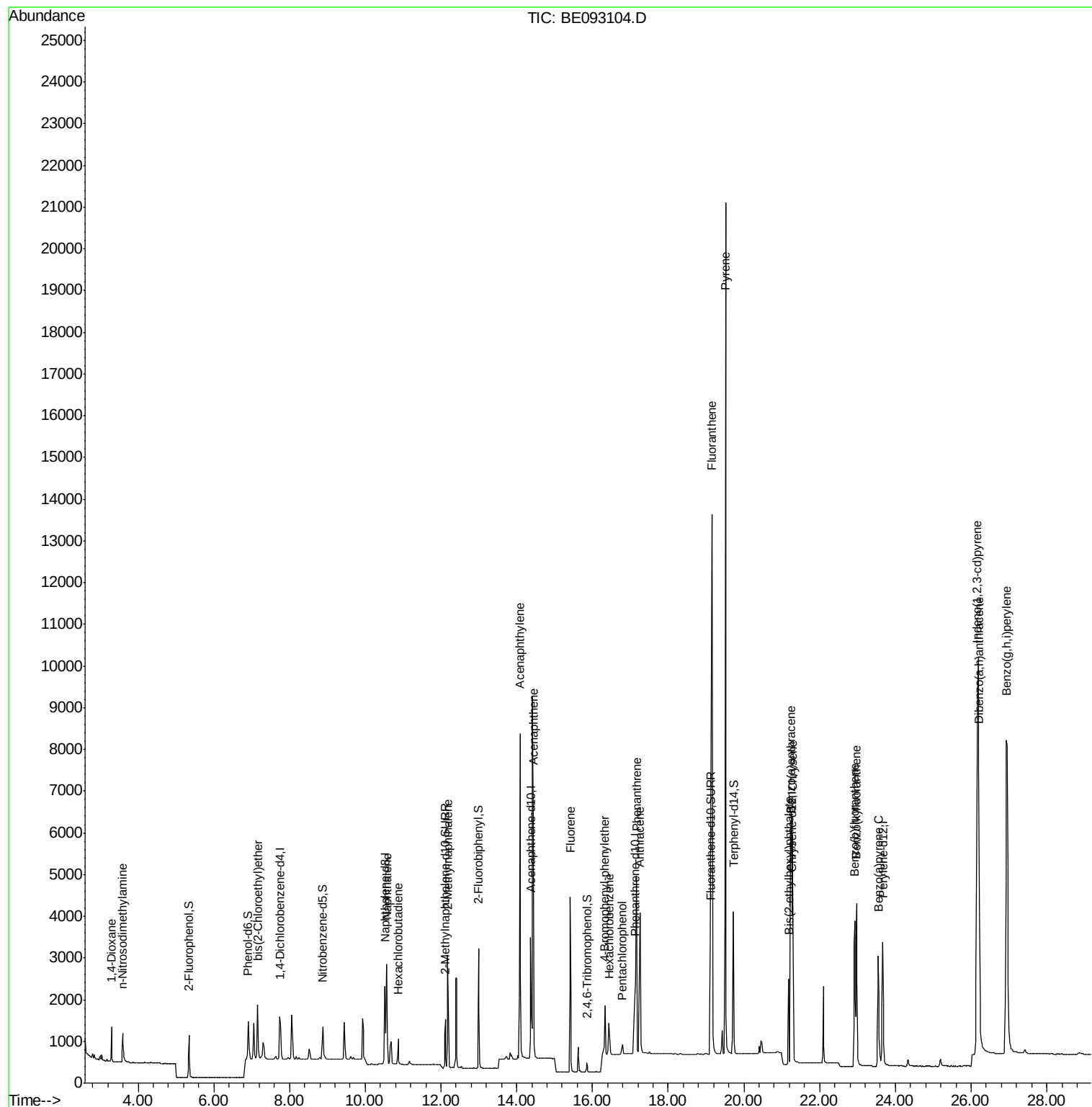
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	594	0.354	ng	99
3) n-Nitrosodimethylamine	3.59	42	512	0.357	ng	96
6) bis(2-Chloroethyl)ether	7.15	93	991	0.347	ng	# 100
9) Naphthalene	10.56	128	3291	0.356	ng	98
10) Hexachlorobutadiene	10.87	225	452	0.361	ng	99
12) 2-Methylnaphthalene	12.18	142	2039	0.356	ng	95
16) Acenaphthylene	14.08	152	10326	0.339	ng	100
17) Acenaphthene	14.44	154	2052	0.362	ng	92
18) Fluorene	15.41	166	2437	0.356	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	806	0.356	ng	# 80
21) Hexachlorobenzene	16.44	284	673	0.337	ng	# 100
22) Pentachlorophenol	16.79	266	200	0.311	ng	90
23) Phenanthrene	17.16	178	5679	0.338	ng	99
24) Anthracene	17.25	178	4683	0.329	ng	98
26) Fluoranthene	19.16	202	20693	0.339	ng	# 99
28) Pyrene	19.51	202	25463	0.376	ng	# 98
30) Benzo(a)anthracene	21.23	228	5159	0.343	ng	# 86
31) Chrysene	21.28	228	5527	0.344	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.18	149	2015	0.325	ng	97
33) Indeno(1,2,3-cd)pyrene	26.17	276	20117	0.336	ng	99
35) Benzo(b)fluoranthene	22.93	252	5262	0.351	ng	96
36) Benzo(k)fluoranthene	22.97	252	4993	0.345	ng	97
37) Benzo(a)pyrene	23.55	252	4281	0.330	ng	97
38) Dibenzo(a,h)anthracene	26.20	278	4655	0.345	ng	95
39) Benzo(g,h,i)perylene	26.93	276	18625	0.341	ng	98

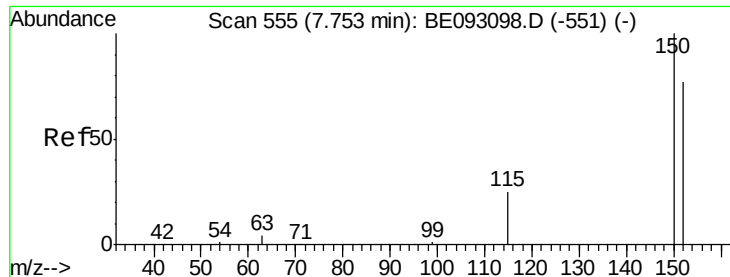
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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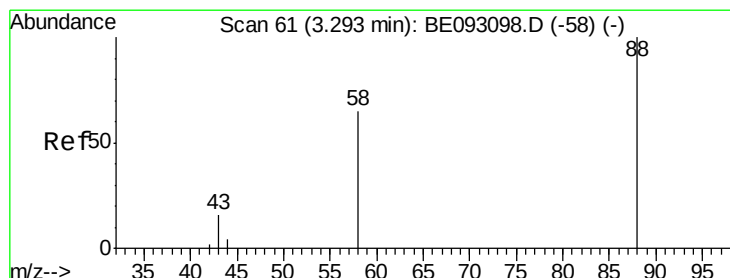
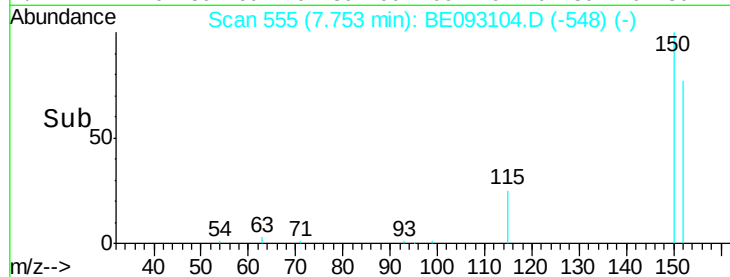
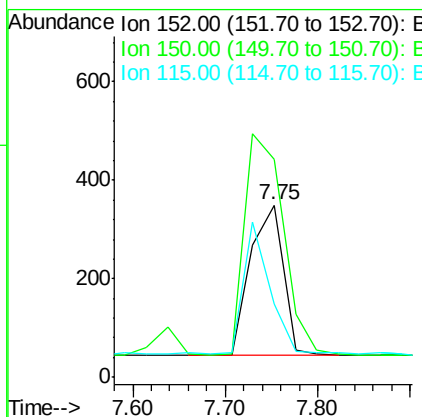
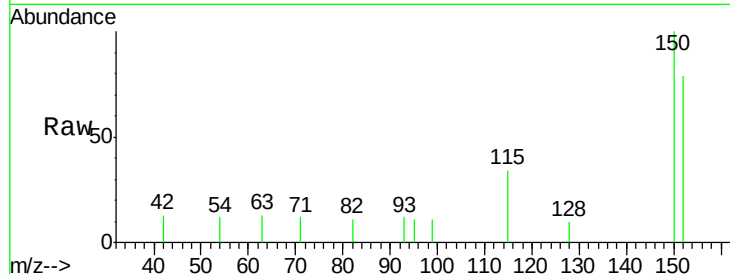




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.75 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BE093104.D
 Acq: 12 Jun 2017 16:00

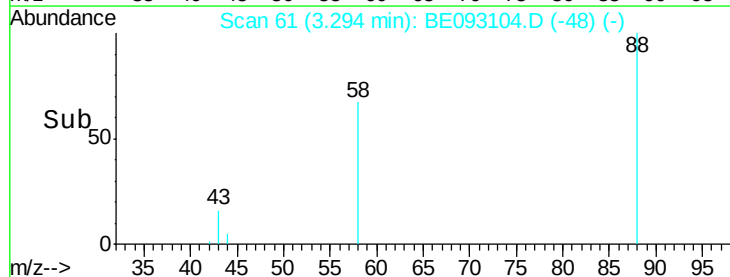
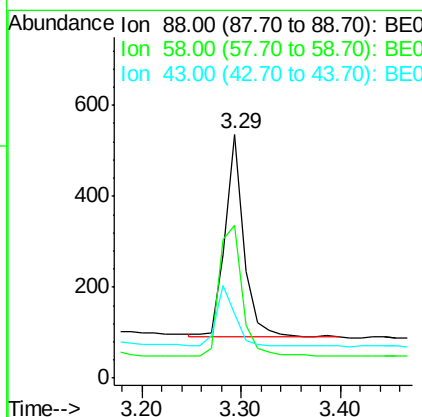
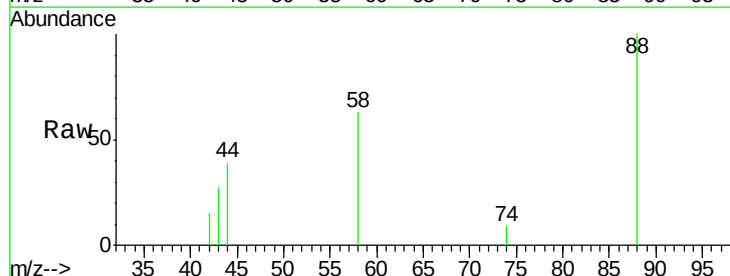
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

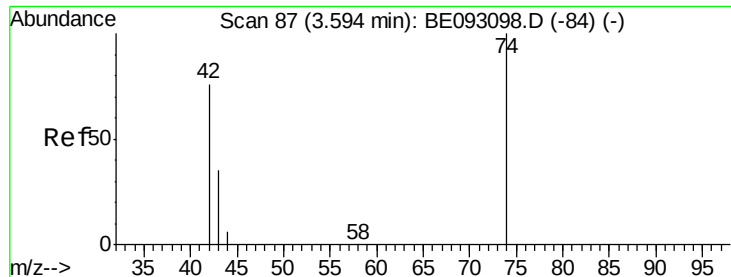
Tgt Ion: 152 Resp: 757
 Ion Ratio Lower Upper
 152 100
 150 126.3 125.1 187.7
 115 42.9 55.7 83.5#



#2
 1,4-Dioxane
 Concen: 0.354 ng
 RT: 3.29 min Scan# 61
 Delta R.T. 0.00 min
 Lab File: BE093104.D
 Acq: 12 Jun 2017 16:00

Tgt Ion: 88 Resp: 594
 Ion Ratio Lower Upper
 88 100
 58 76.9 62.2 93.4
 43 29.6 23.2 34.8





#3

n-Nitrosodimethylamine

Concen: 0.357 ng

RT: 3.59 min Scan# 87

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

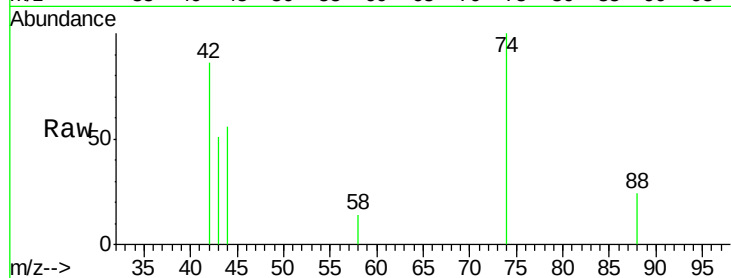
Tgt Ion: 42 Resp: 512

Ion Ratio Lower Upper

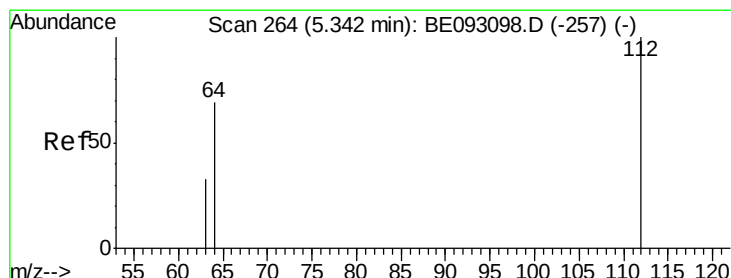
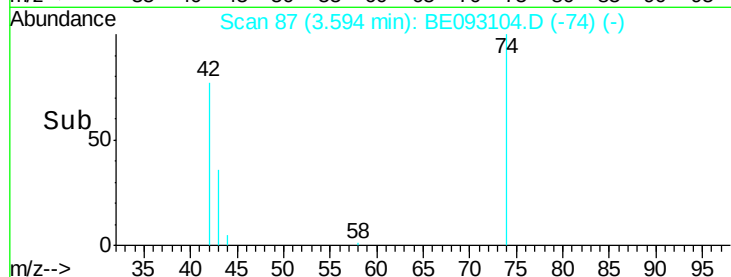
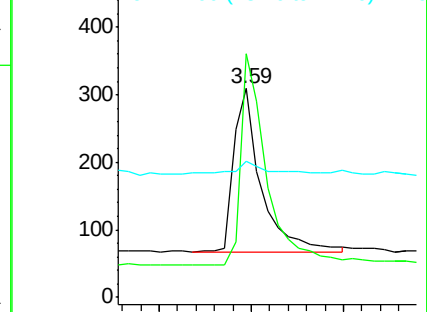
42 100

74 118.8 99.1 148.7

44 10.0 7.4 11.2



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: 0.325 ng

RT: 5.34 min Scan# 264

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

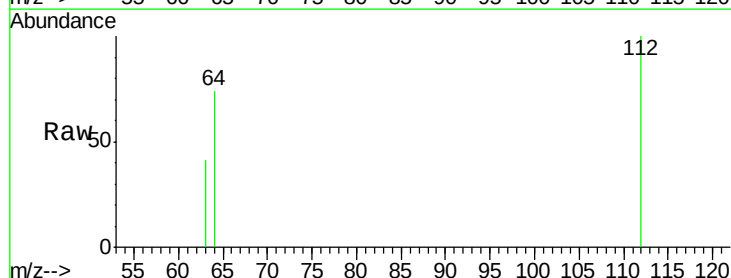
Tgt Ion: 112 Resp: 727

Ion Ratio Lower Upper

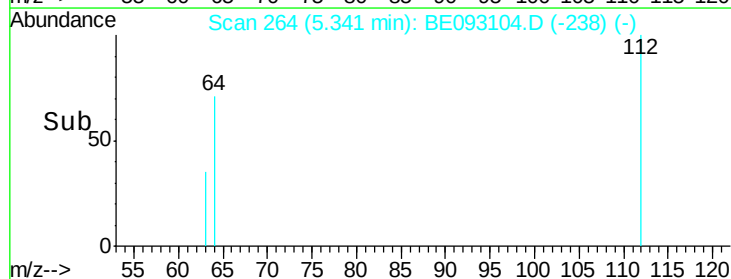
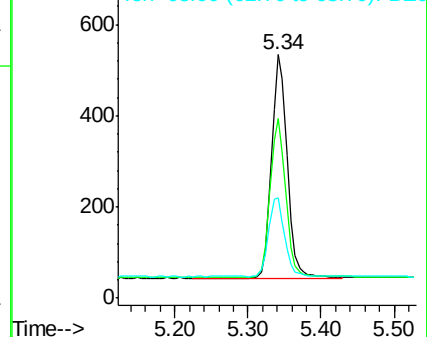
112 100

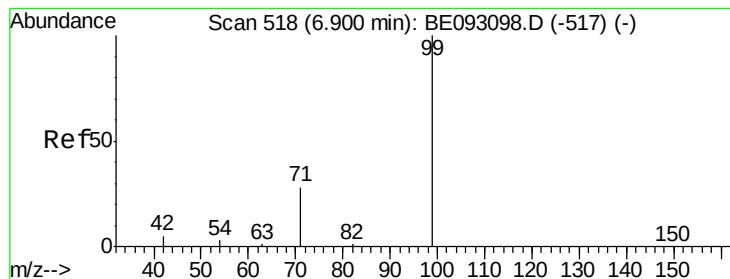
64 70.7 56.4 84.6

63 36.6 29.3 43.9



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: 0.318 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

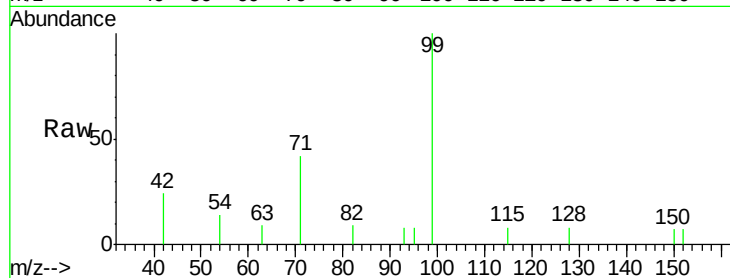
Tgt Ion: 99 Resp: 1041

Ion Ratio Lower Upper

99 100

42 20.9 0.0 0.0#

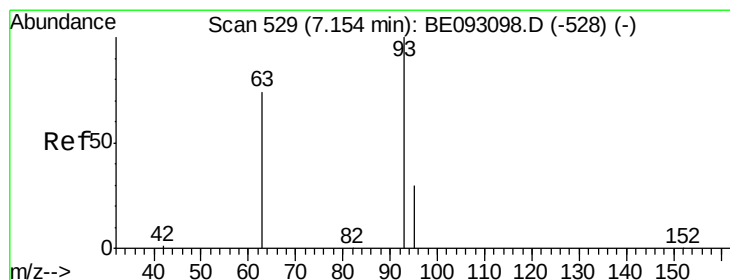
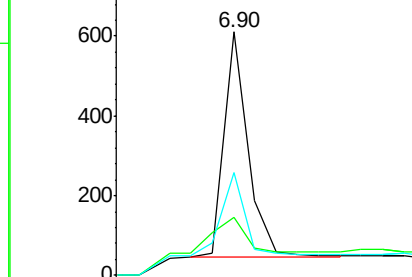
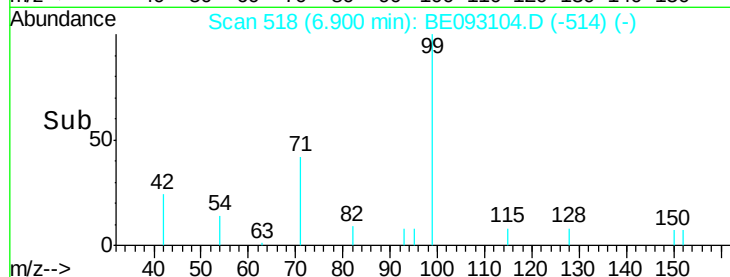
71 34.5 0.0 0.0#



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: 0.347 ng

RT: 7.15 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

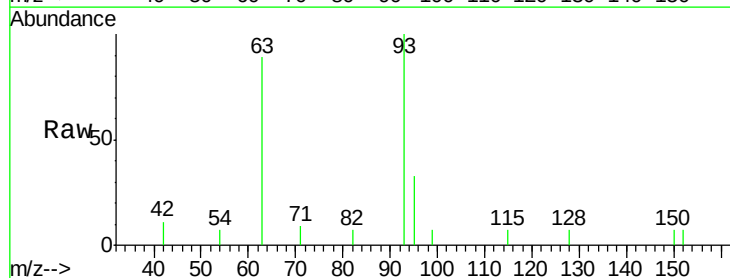
Tgt Ion: 93 Resp: 991

Ion Ratio Lower Upper

93 100

63 89.5 0.0 0.0#

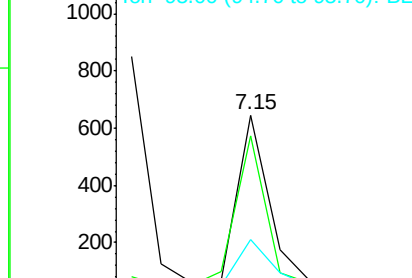
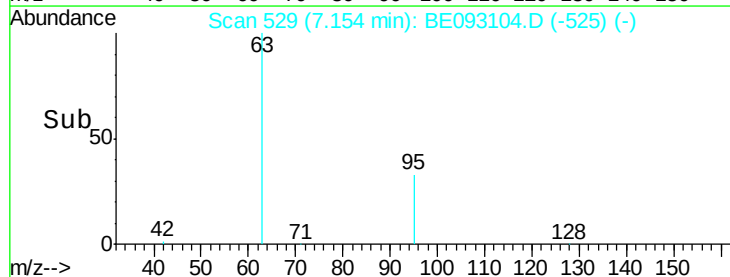
95 31.5 25.4 38.0

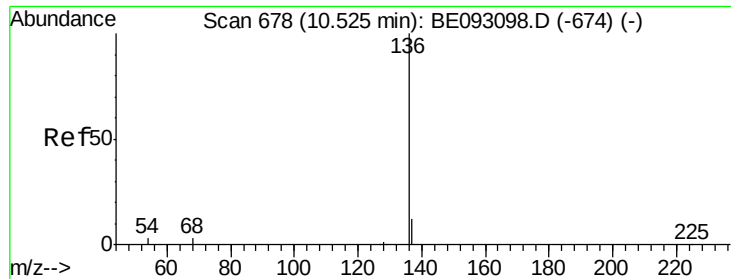


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

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Tgt Ion:136 Resp: 3441

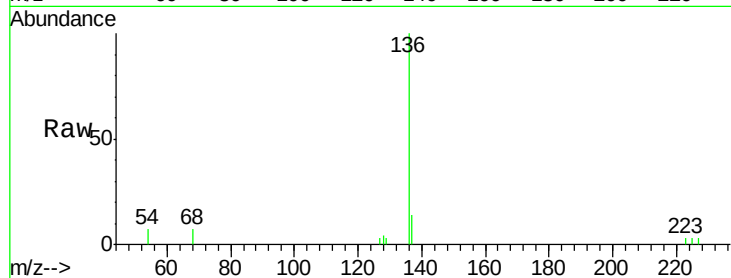
Ion Ratio Lower Upper

136 100

137 14.4 9.8 14.8

54 6.9 10.3 15.5#

68 6.9 9.0 13.4#

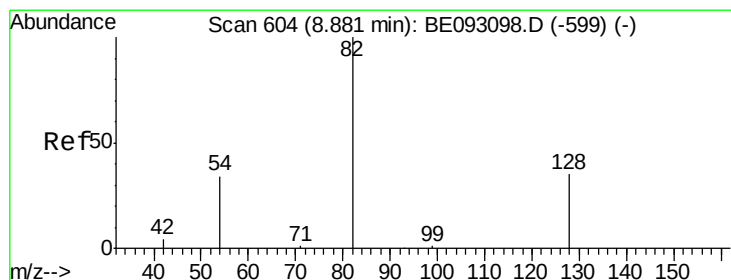
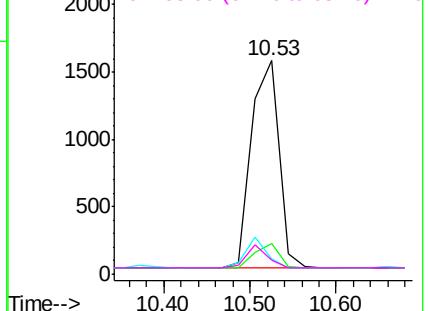
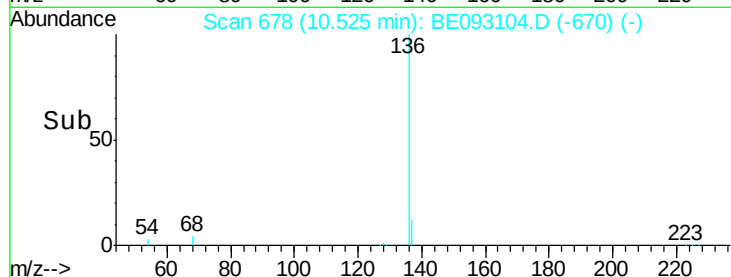


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.349 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

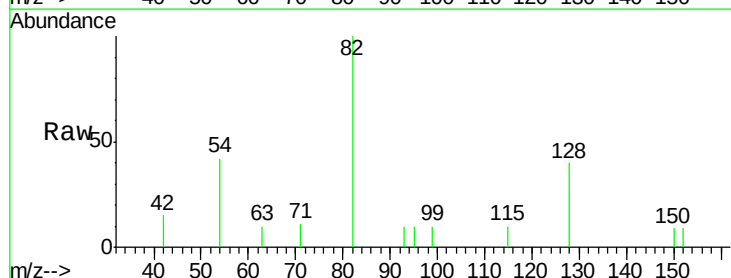
Tgt Ion: 82 Resp: 958

Ion Ratio Lower Upper

82 100

128 40.1 17.0 25.4#

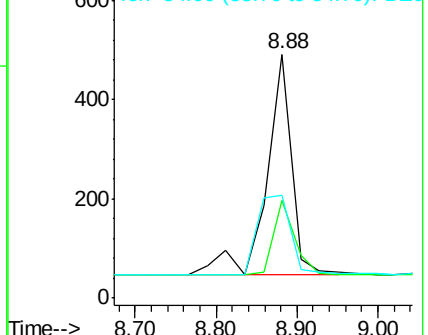
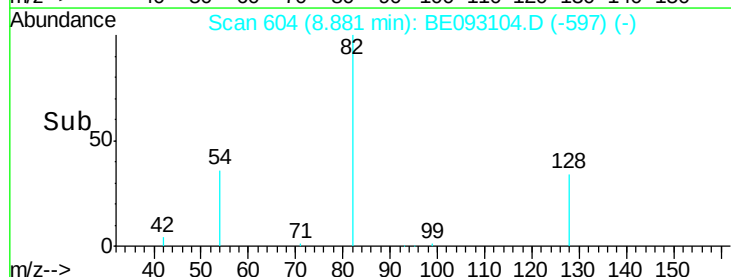
54 42.2 53.8 80.6#

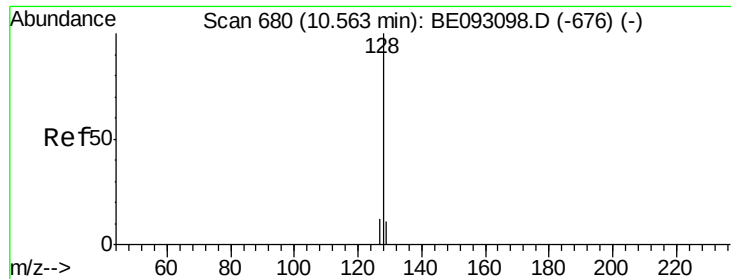


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.356 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

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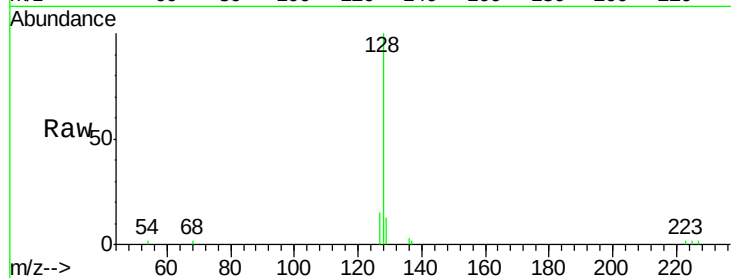
Tgt Ion:128 Resp: 3291

Ion Ratio Lower Upper

128 100

129 13.0 11.4 17.0

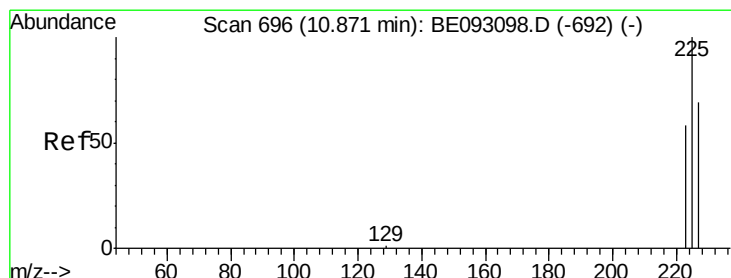
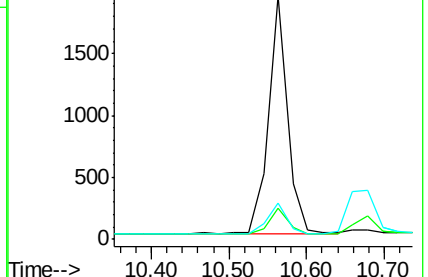
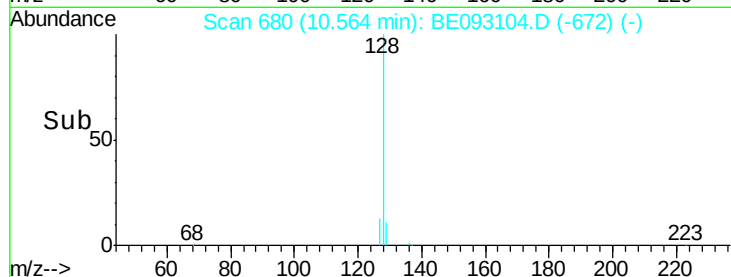
127 14.6 11.2 16.8



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: 0.361 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

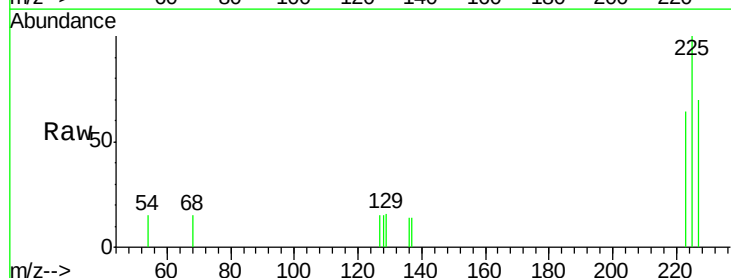
Tgt Ion:225 Resp: 452

Ion Ratio Lower Upper

225 100

223 61.7 49.7 74.5

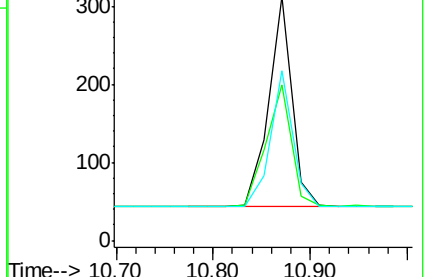
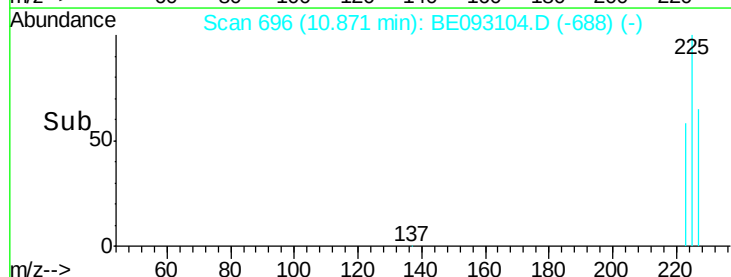
227 61.7 50.3 75.5

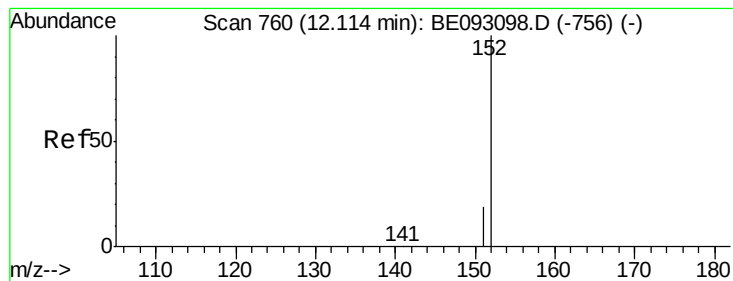


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

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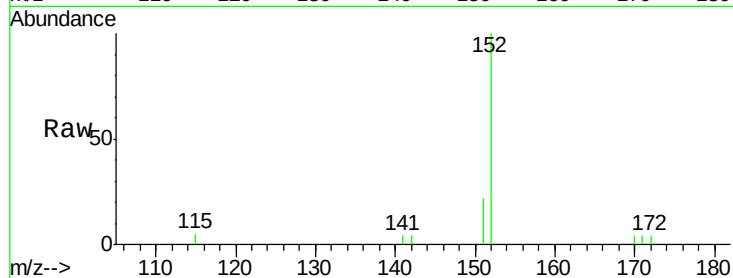
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1811

Ion Ratio Lower Upper

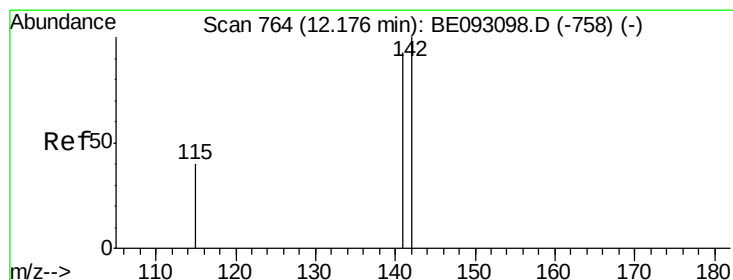
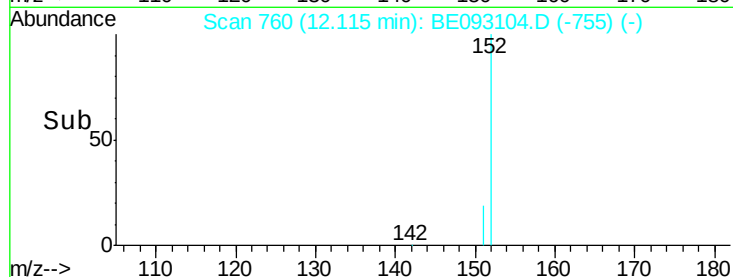
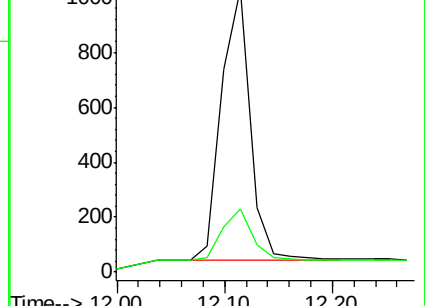
152 100

151 19.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.356 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

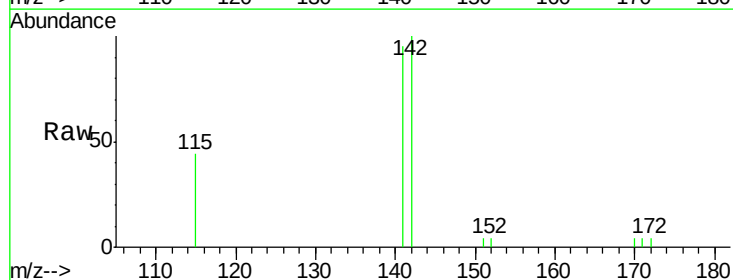
Tgt Ion:142 Resp: 2039

Ion Ratio Lower Upper

142 100

141 95.1 72.6 108.8

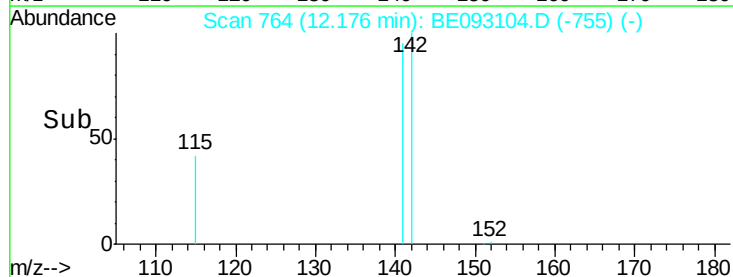
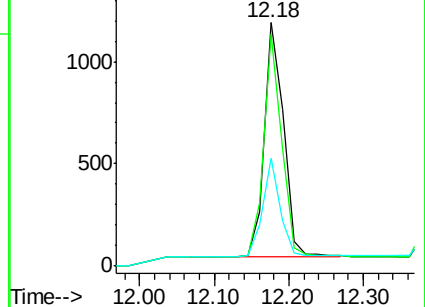
115 44.2 32.2 48.2

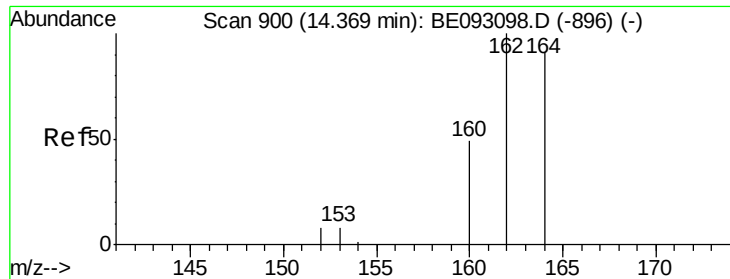


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

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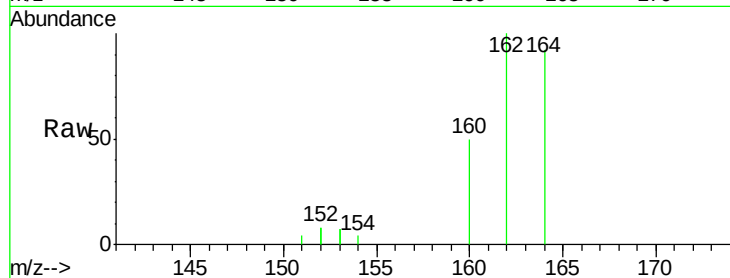
Tgt Ion:164 Resp: 1750

Ion Ratio Lower Upper

164 100

162 108.9 84.6 127.0

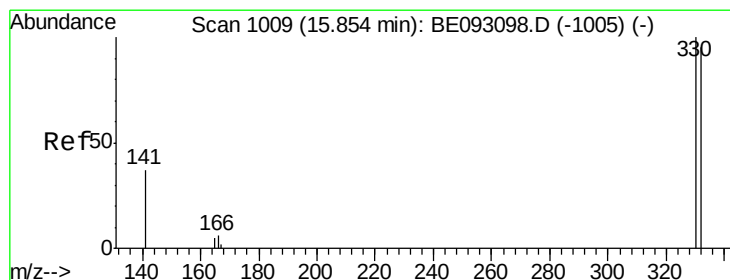
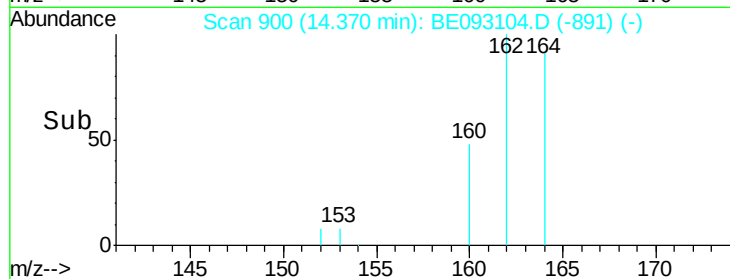
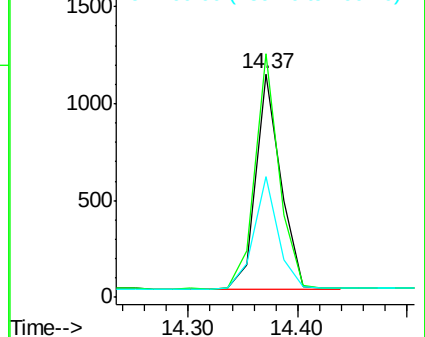
160 54.1 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 0.321 ng

RT: 15.85 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

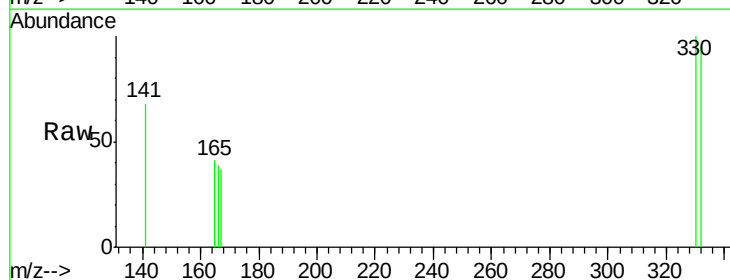
Tgt Ion:330 Resp: 128

Ion Ratio Lower Upper

330 100

332 98.4 77.7 116.5

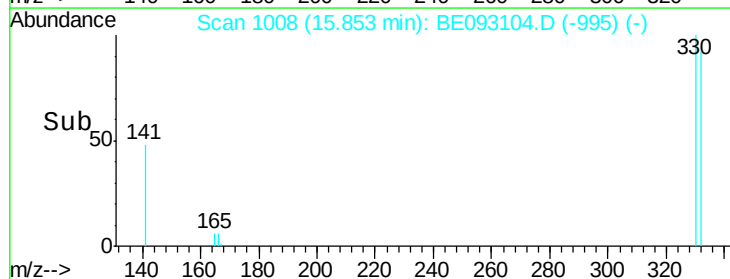
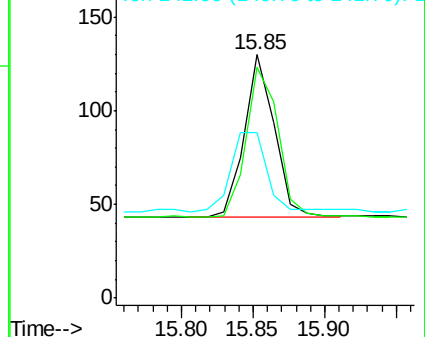
141 57.8 56.2 84.4

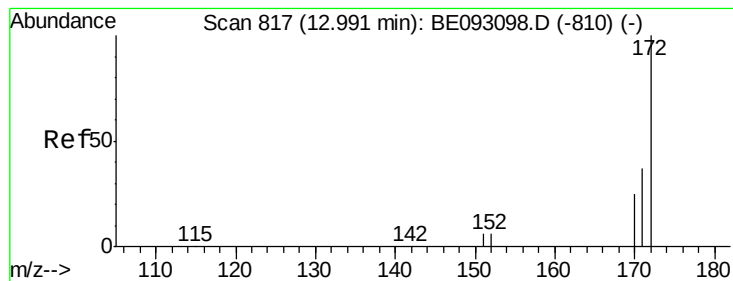


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.360 ng

RT: 12.99 min Scan# 817

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

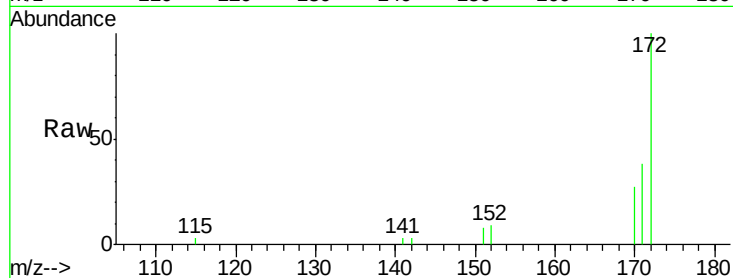
Tgt Ion:172 Resp: 2693

Ion Ratio Lower Upper

172 100

171 38.4 29.8 44.6

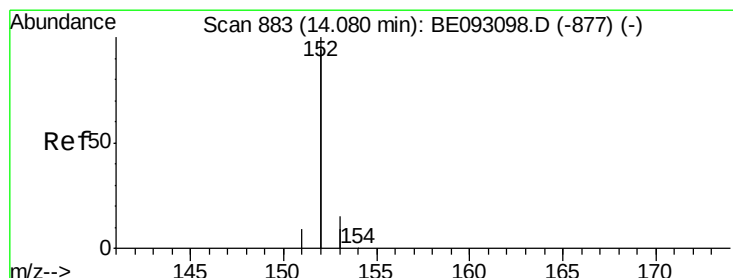
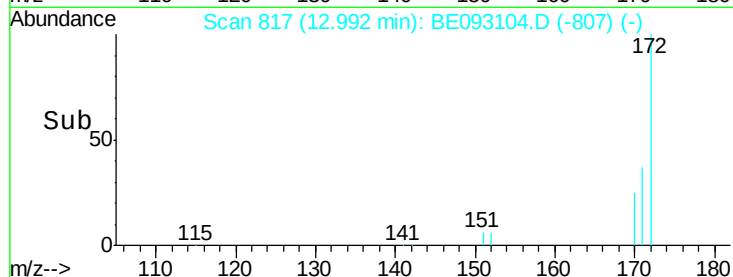
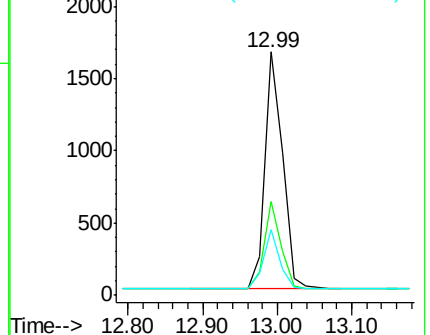
170 27.2 20.7 31.1



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



#16

Acenaphthylene

Concen: 0.339 ng

RT: 14.08 min Scan# 883

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

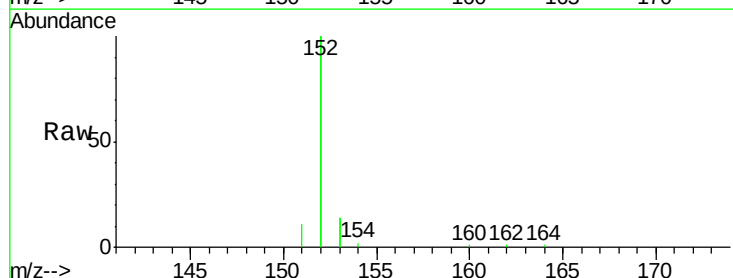
Tgt Ion:152 Resp: 10326

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

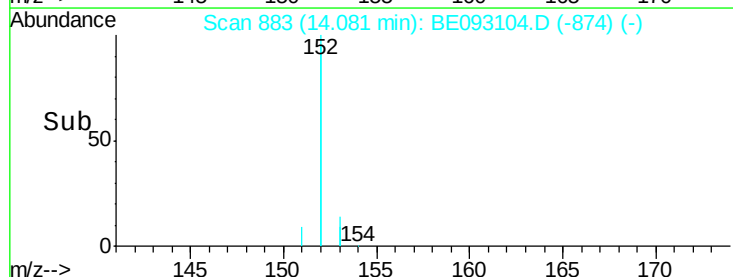
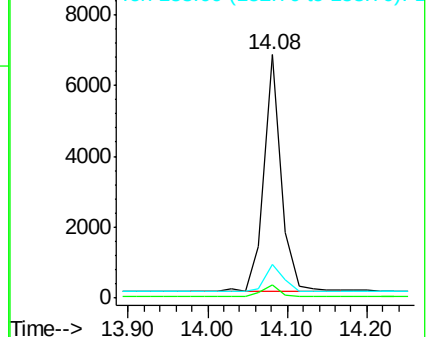
153 12.7 10.3 15.5

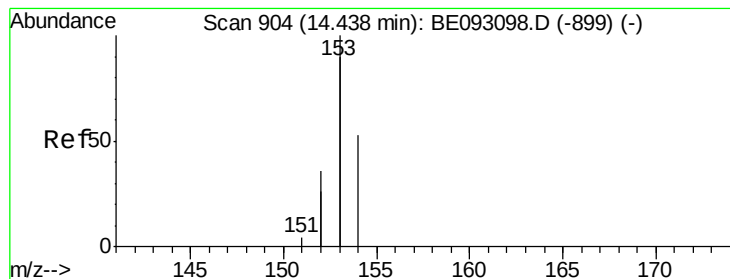


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.362 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

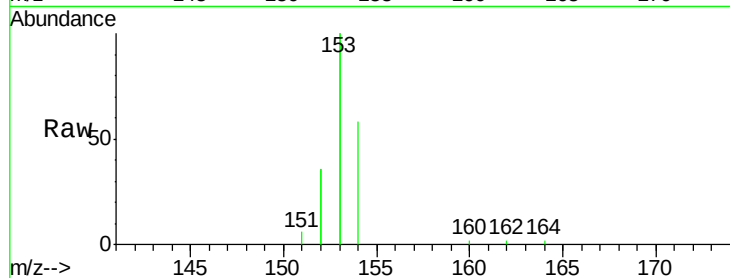
Tgt Ion:154 Resp: 2052

Ion Ratio Lower Upper

154 100

153 438.7 367.8 551.6

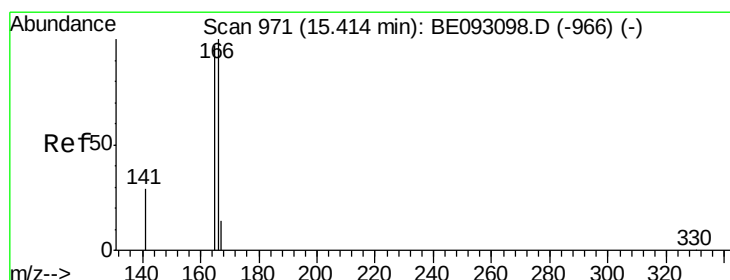
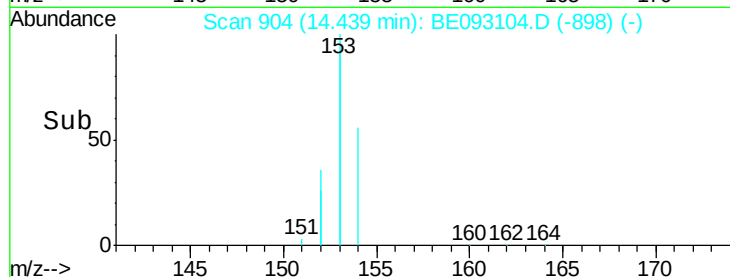
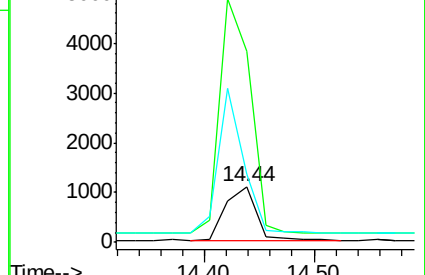
152 224.0 188.2 282.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.356 ng

RT: 15.41 min Scan# 970

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

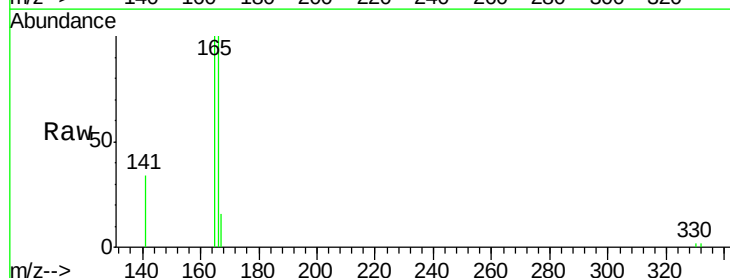
Tgt Ion:166 Resp: 2437

Ion Ratio Lower Upper

166 100

165 98.9 78.6 117.8

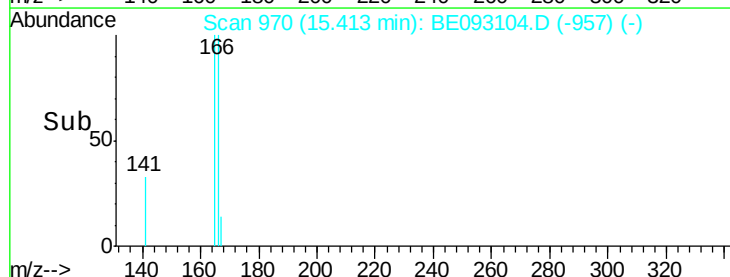
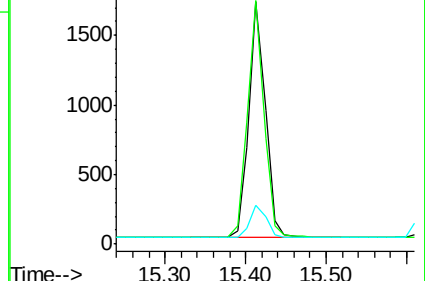
167 13.9 11.1 16.7

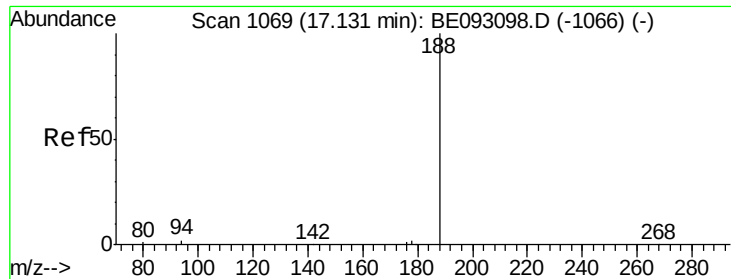


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

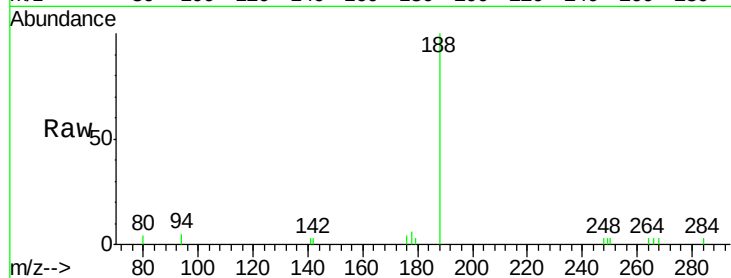
Tgt Ion:188 Resp: 3722

Ion Ratio Lower Upper

188 100

94 4.6 11.3 16.9#

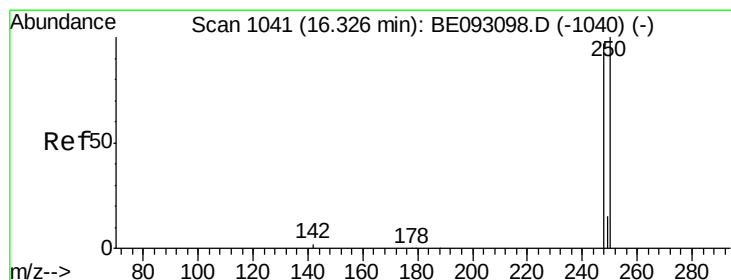
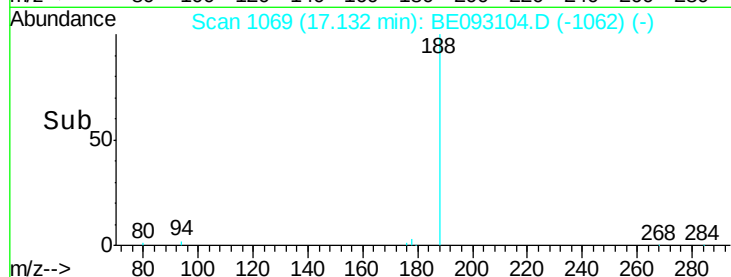
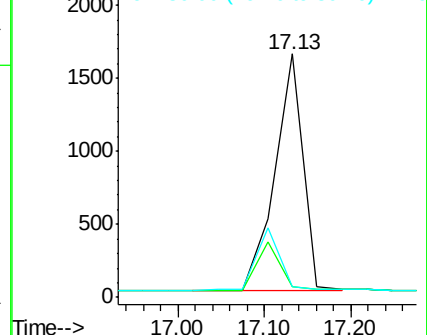
80 4.5 11.7 17.5#



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



#20

4-Bromophenyl-phenylether

Concen: 0.356 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

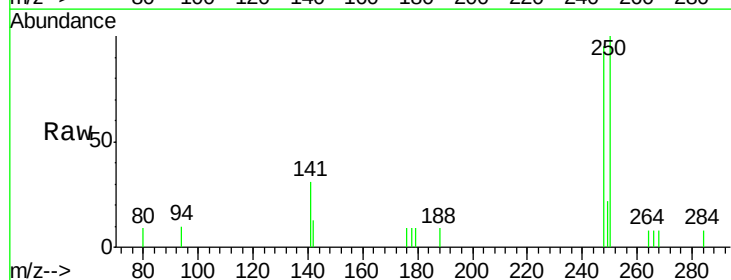
Tgt Ion:248 Resp: 806

Ion Ratio Lower Upper

248 100

250 105.5 100.0 150.0

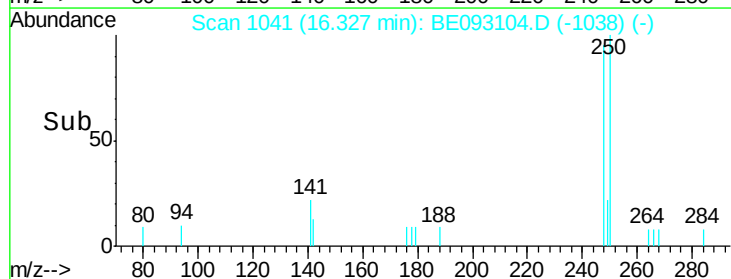
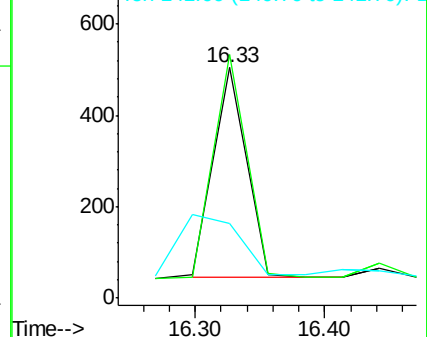
141 32.3 40.0 60.0#

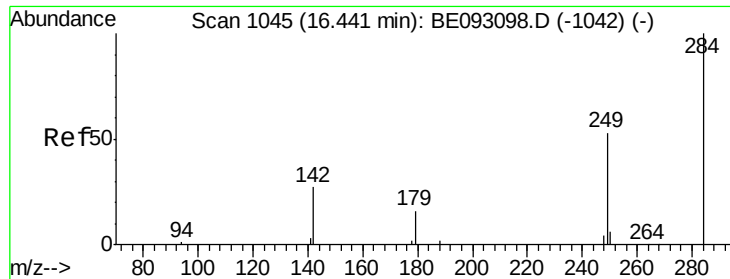


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

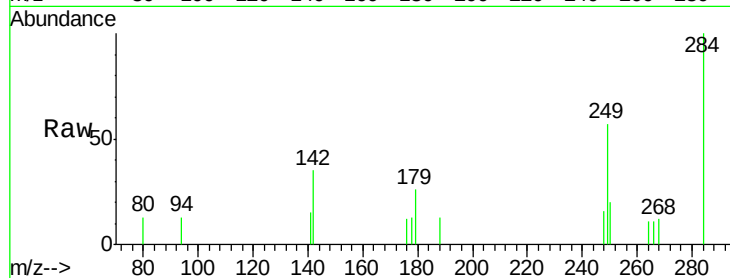




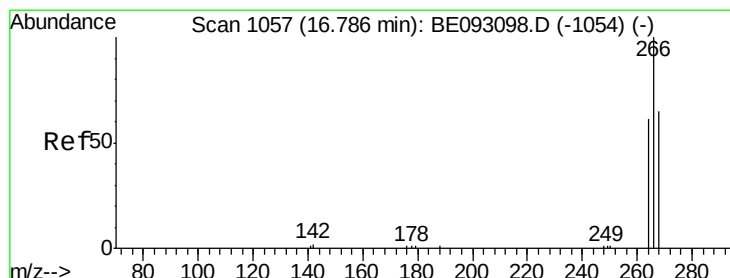
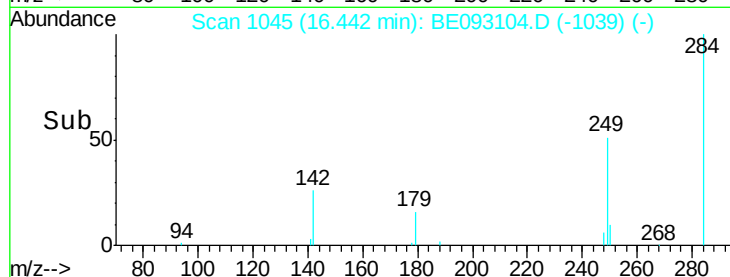
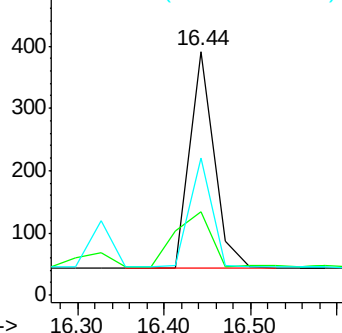
#21
Hexachlorobenzene
Concen: 0.337 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093104.D
Acq: 12 Jun 2017 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 673
Ion Ratio Lower Upper
284 100
142 37.7 0.0 0.0#
249 46.2 0.0 0.0#

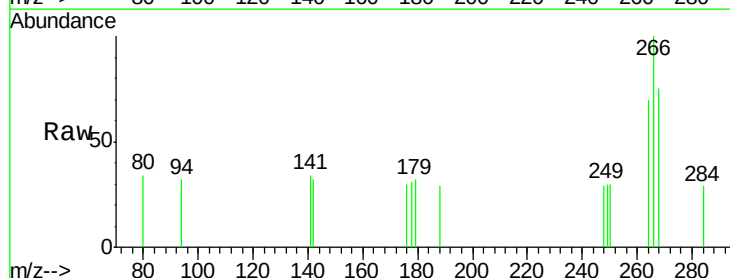


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

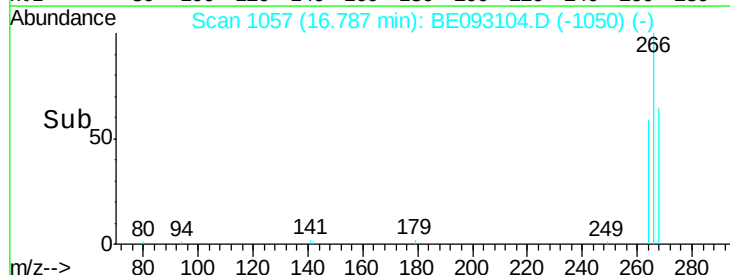
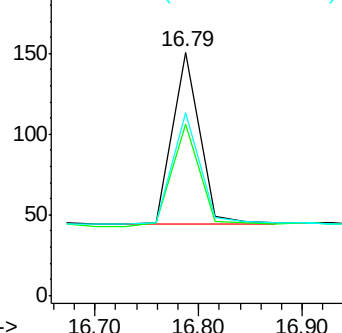


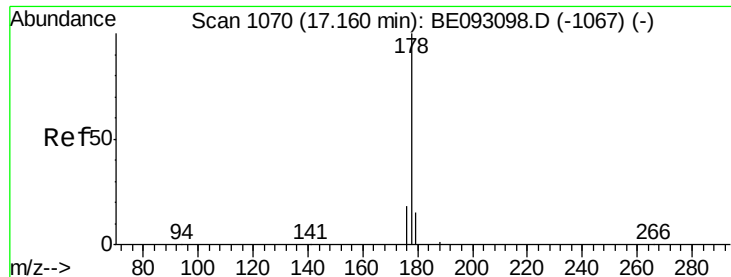
#22
Pentachlorophenol
Concen: 0.311 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093104.D
Acq: 12 Jun 2017 16:00

Tgt Ion: 266 Resp: 200
Ion Ratio Lower Upper
266 100
264 70.2 58.2 87.2
268 74.8 71.9 107.9



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.338 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

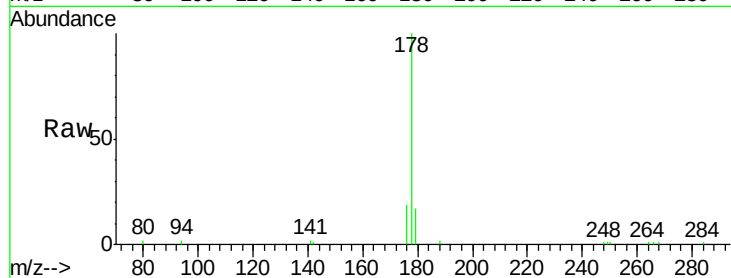
Tgt Ion:178 Resp: 5679

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

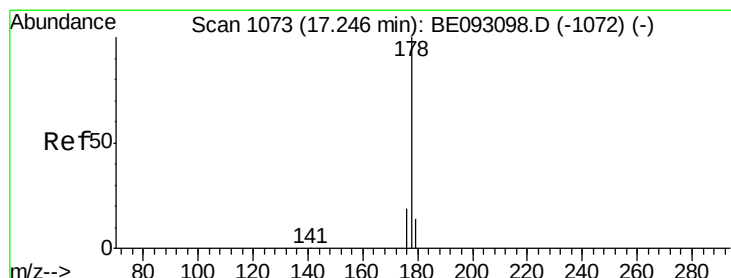
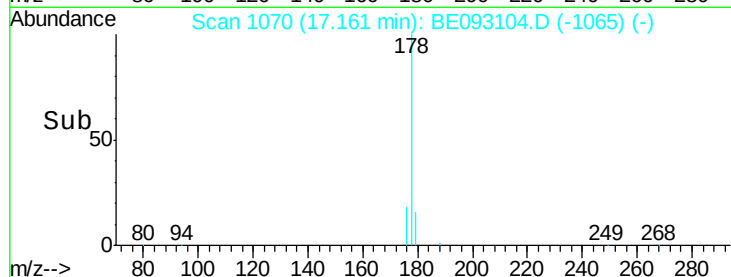
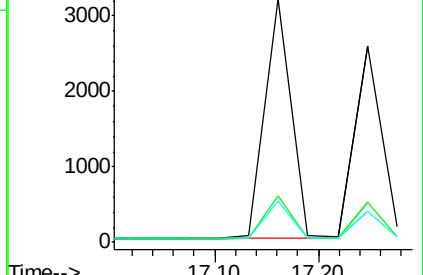
179 15.8 12.7 19.1



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



#24

Anthracene

Concen: 0.329 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

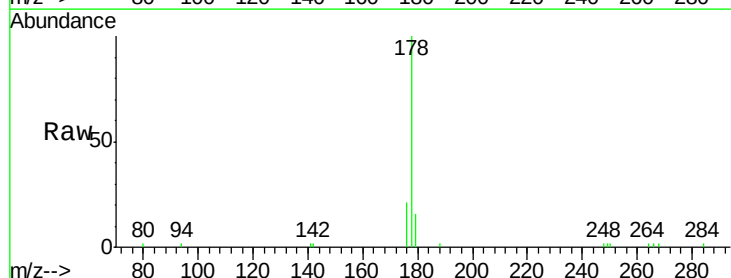
Tgt Ion:178 Resp: 4683

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

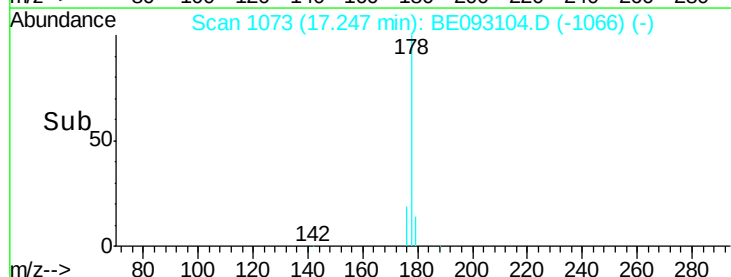
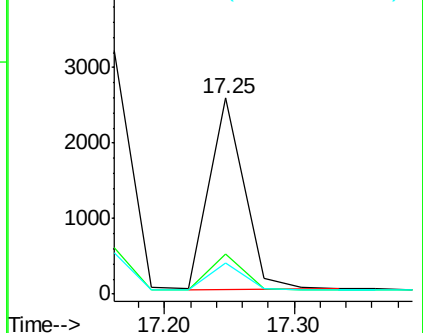
179 14.4 12.0 18.0

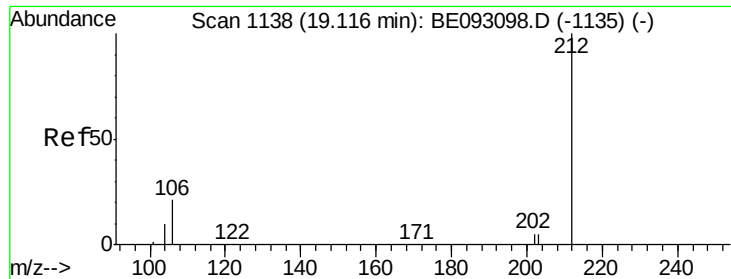


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.11 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

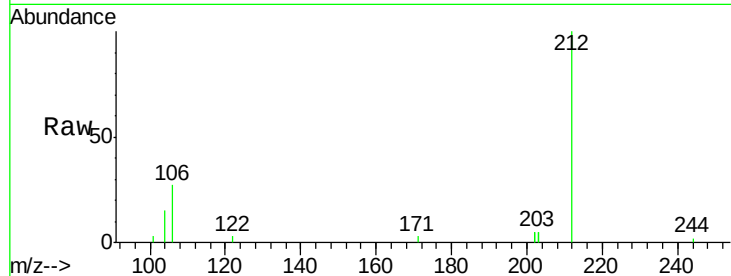
Tgt Ion:212 Resp: 4132

Ion Ratio Lower Upper

212 100

106 17.3 0.0 0.0#

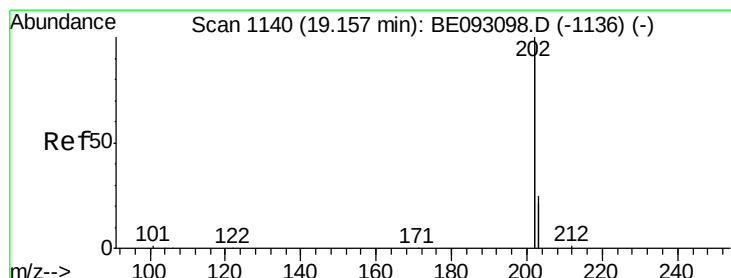
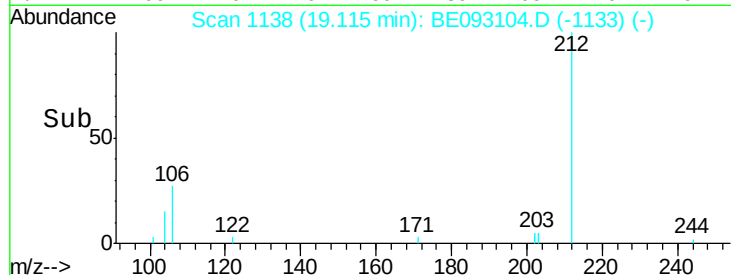
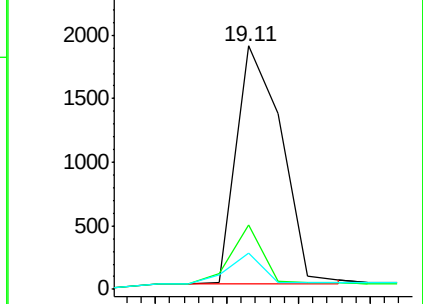
104 9.4 0.0 0.0#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.339 ng

RT: 19.16 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

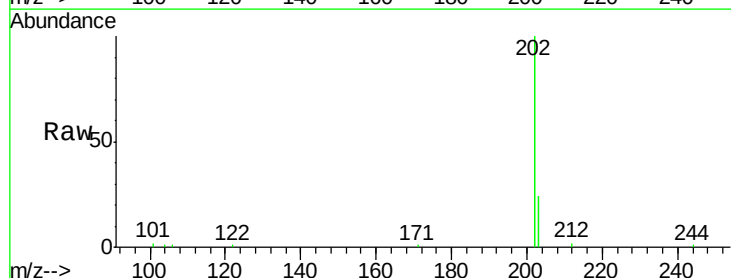
Tgt Ion:202 Resp: 20693

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

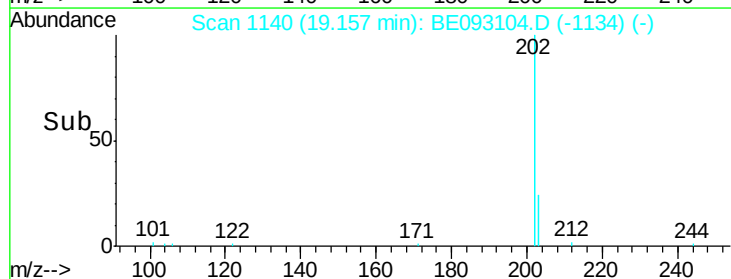
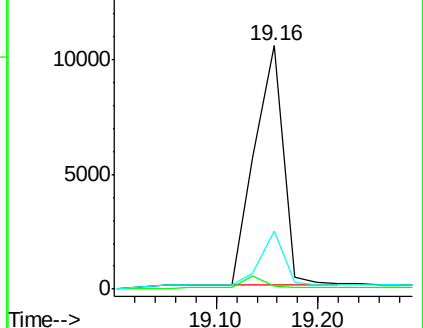
203 18.3 14.4 21.6

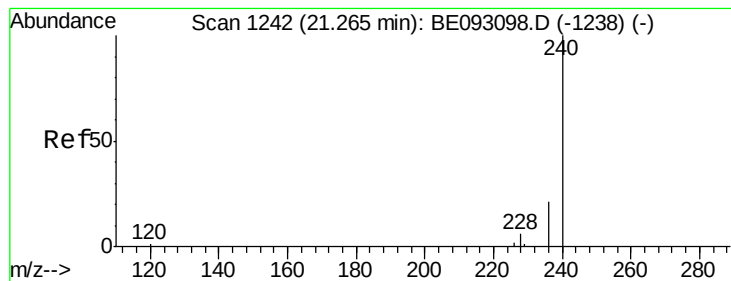


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

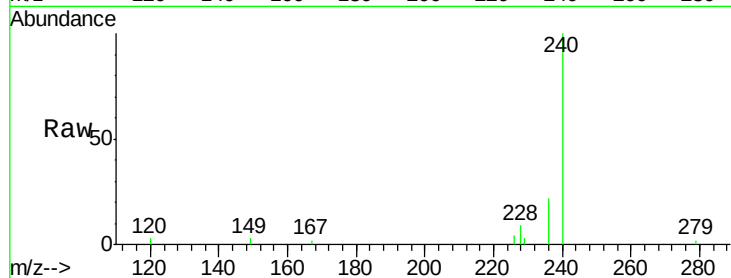
Tgt Ion:240 Resp: 5569

Ion Ratio Lower Upper

240 100

120 3.2 4.6 7.0#

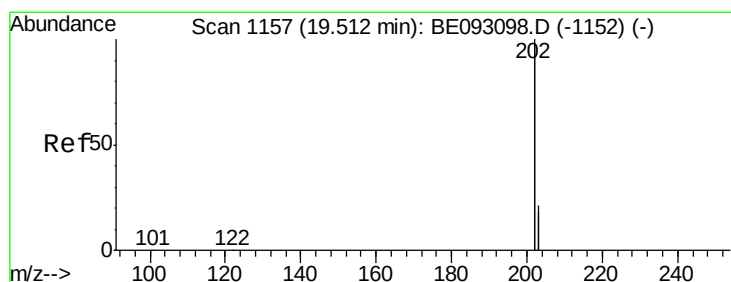
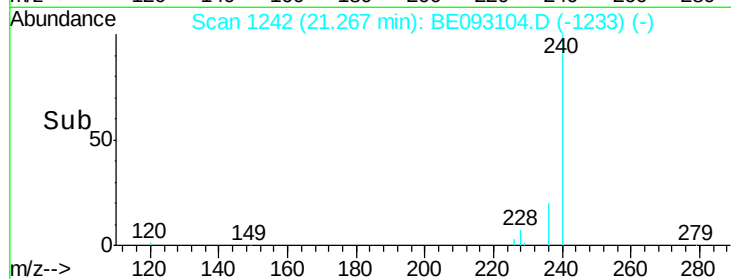
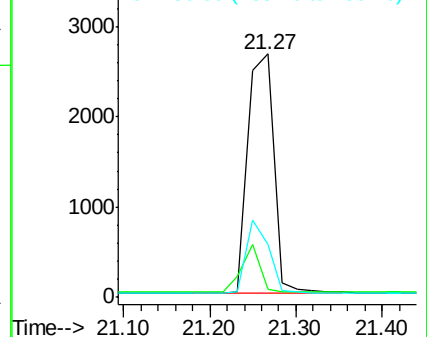
236 21.8 20.8 31.2



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



#28

Pyrene

Concen: 0.376 ng

RT: 19.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

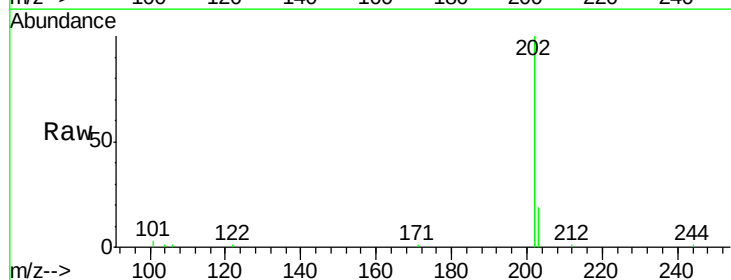
Tgt Ion:202 Resp: 25463

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

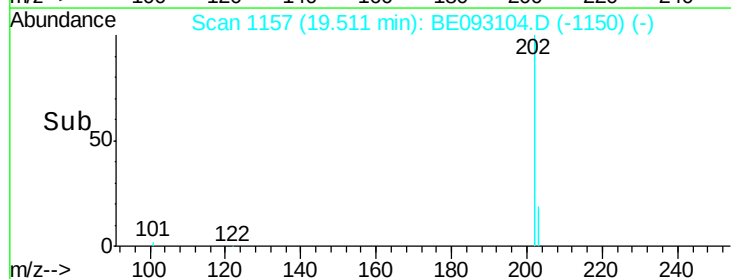
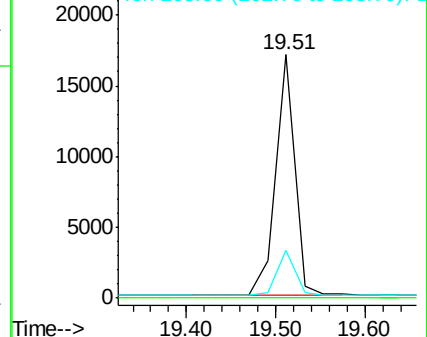
203 17.9 13.7 20.5

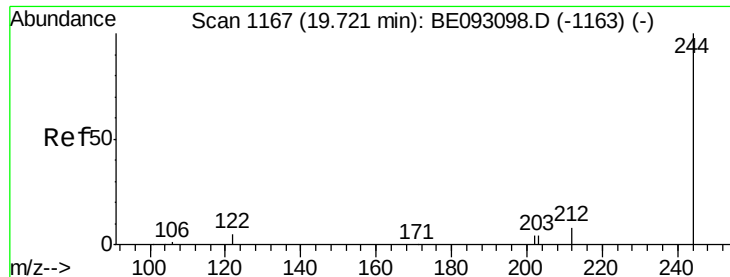


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.369 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

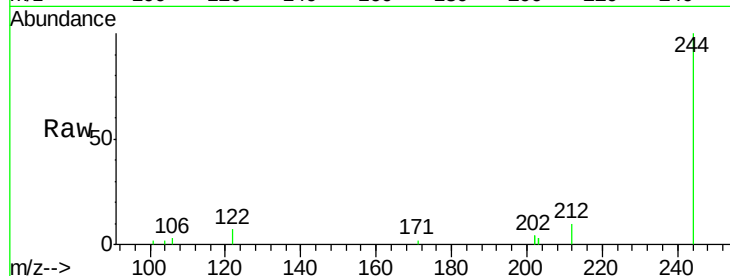
Tgt Ion:244 Resp: 3961

Ion Ratio Lower Upper

244 100

212 10.3 10.6 16.0#

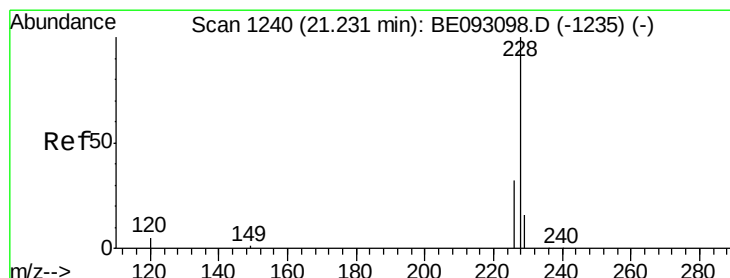
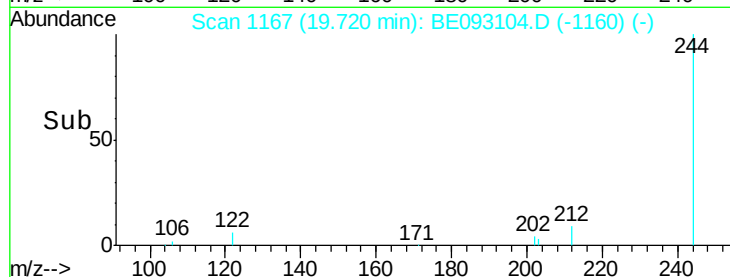
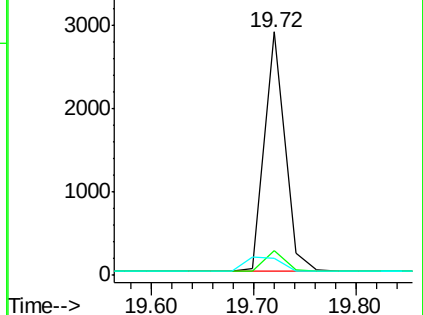
122 7.2 15.4 23.0#



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



#30

Benzo(a)anthracene

Concen: 0.343 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

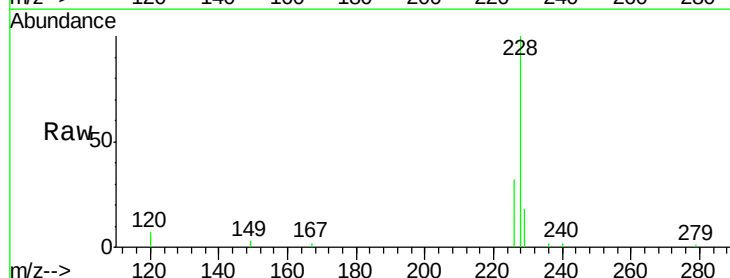
Tgt Ion:228 Resp: 5159

Ion Ratio Lower Upper

228 100

226 32.4 19.7 29.5#

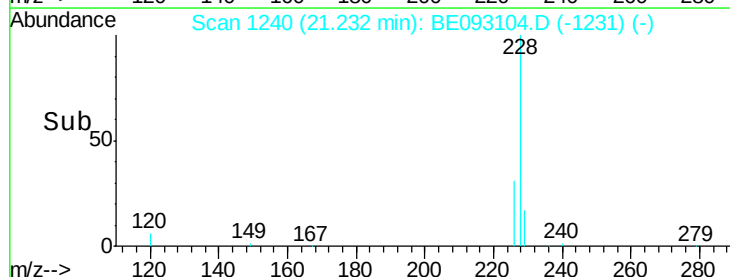
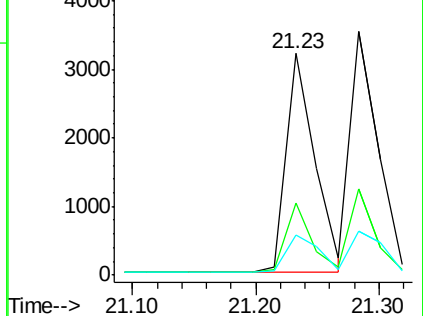
229 17.9 19.2 28.8#

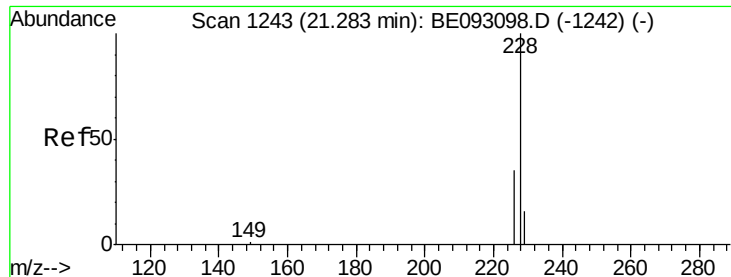


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.344 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

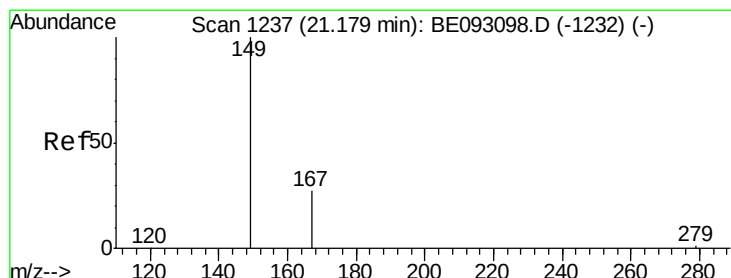
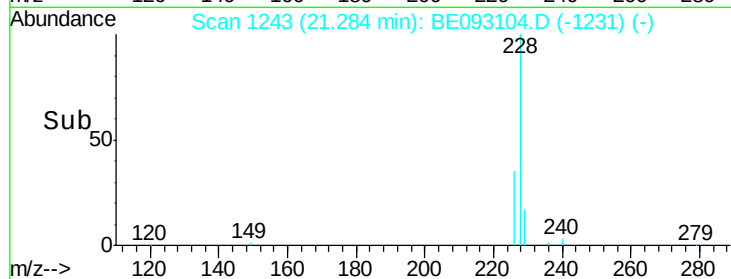
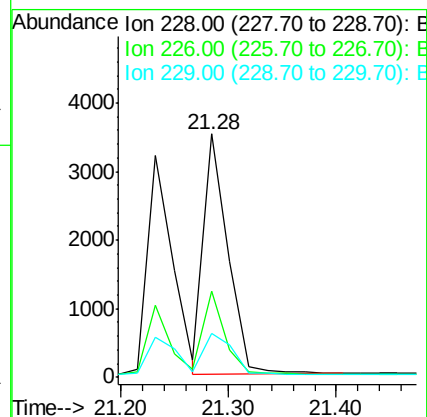
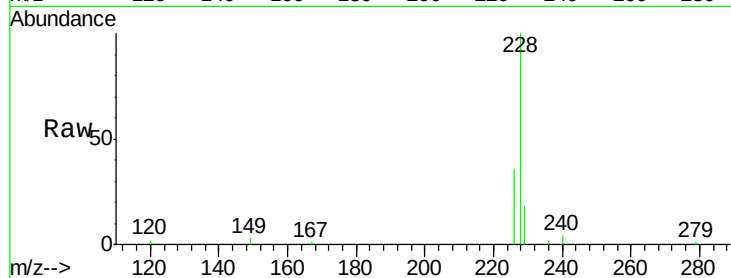
Tgt Ion:228 Resp: 5527

Ion Ratio Lower Upper

228 100

226 35.6 21.5 32.3#

229 18.0 18.6 28.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.325 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

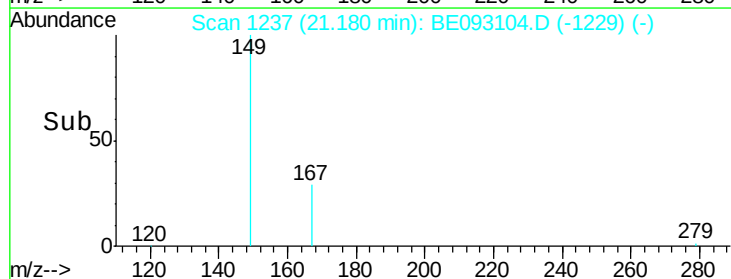
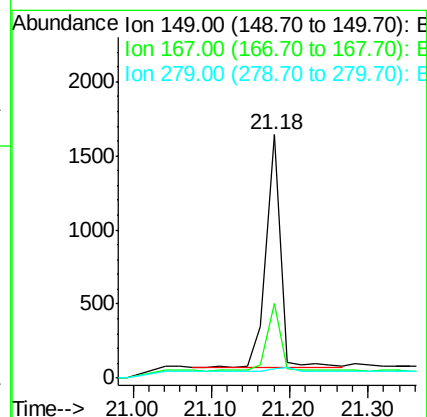
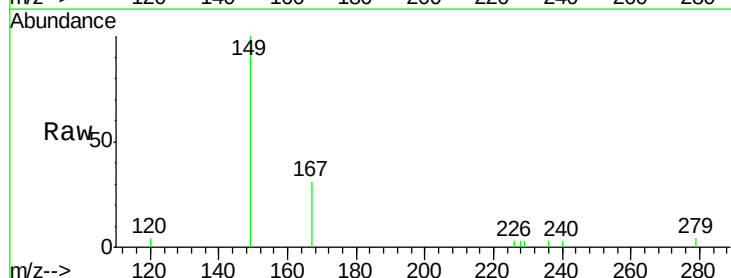
Tgt Ion:149 Resp: 2015

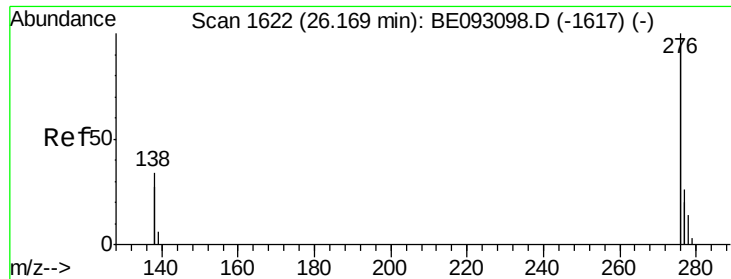
Ion Ratio Lower Upper

149 100

167 26.9 20.1 30.1

279 2.4 2.2 3.4

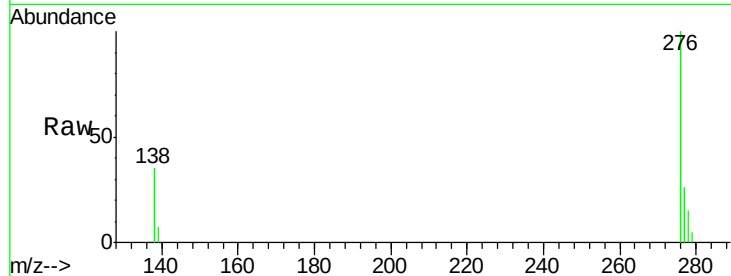




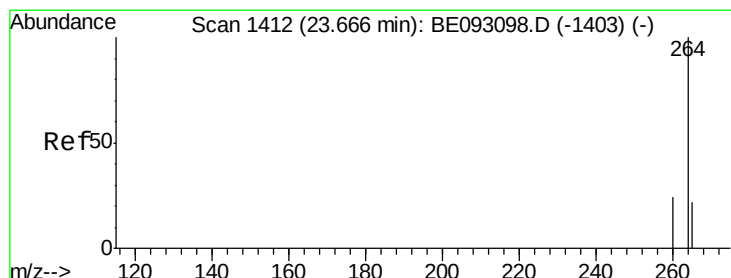
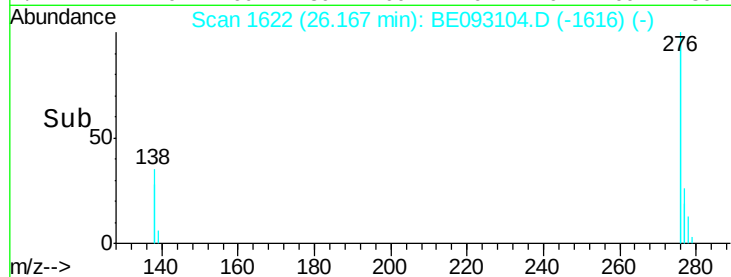
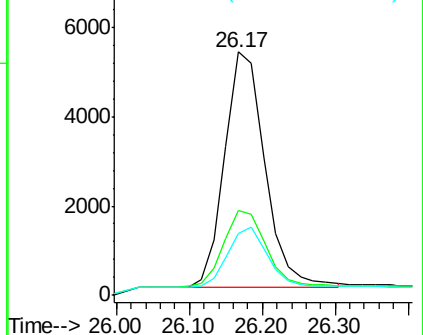
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.336 ng
 RT: 26.17 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE093104.D
 Acq: 12 Jun 2017 16:00

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:276 Resp: 20117
 Ion Ratio Lower Upper
 276 100
 138 33.9 27.4 41.2
 277 25.4 20.1 30.1

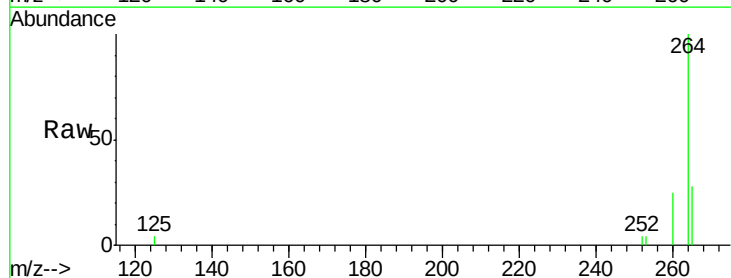


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

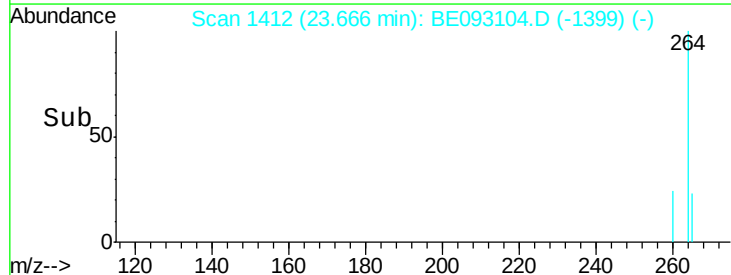
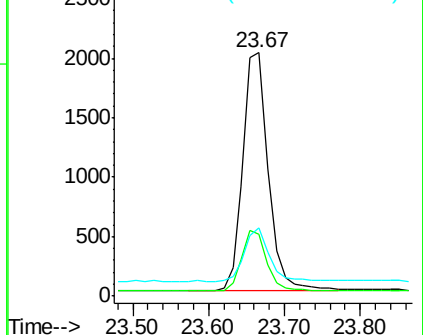


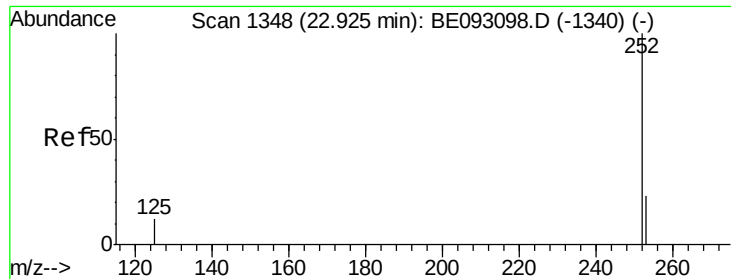
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BE093104.D
 Acq: 12 Jun 2017 16:00

Tgt Ion:264 Resp: 4664
 Ion Ratio Lower Upper
 264 100
 260 25.2 21.0 31.4
 265 28.2 24.6 36.8



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





#35

Benzo(b)fluoranthene

Concen: 0.351 ng

RT: 22.93 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

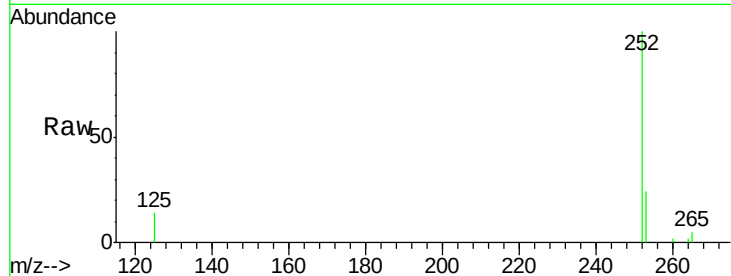
Tgt Ion:252 Resp: 5262

Ion Ratio Lower Upper

252 100

253 24.2 18.5 27.7

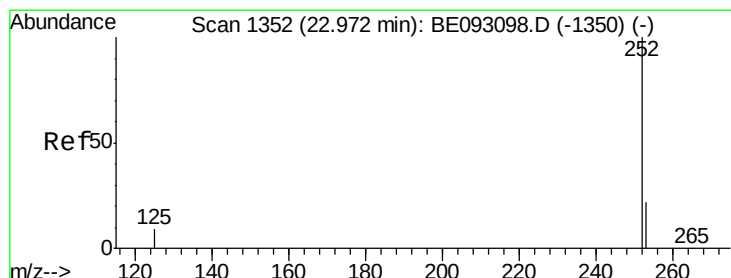
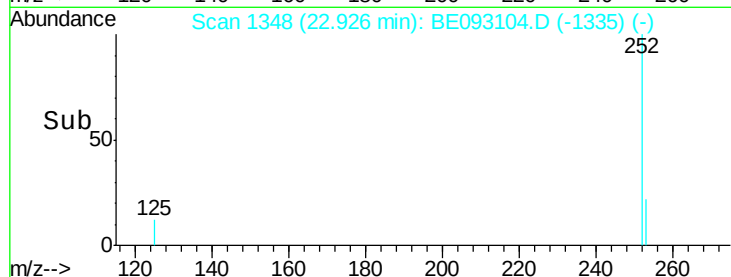
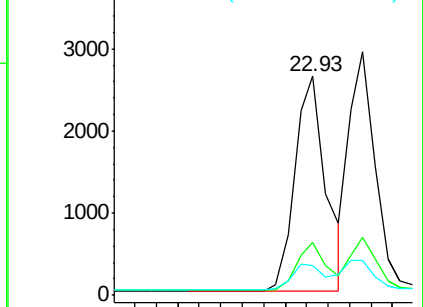
125 13.8 13.4 20.0



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



#36

Benzo(k)fluoranthene

Concen: 0.345 ng

RT: 22.97 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

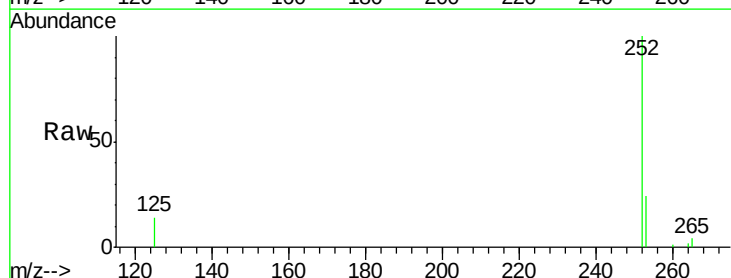
Tgt Ion:252 Resp: 4993

Ion Ratio Lower Upper

252 100

253 24.1 20.3 30.5

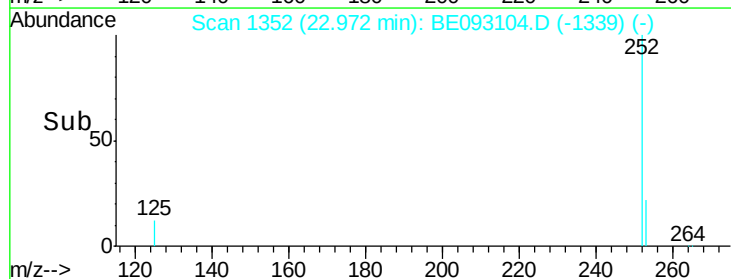
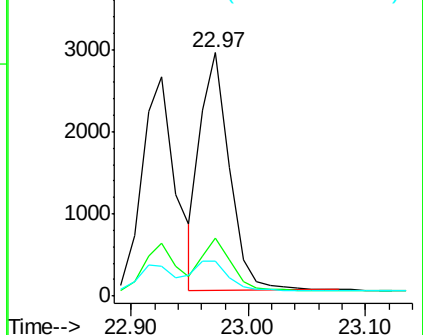
125 14.1 12.2 18.4

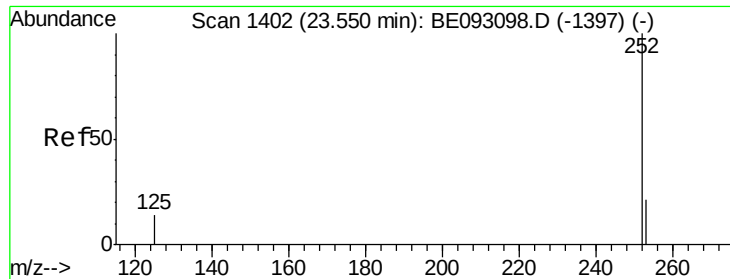


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.330 ng

RT: 23.55 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

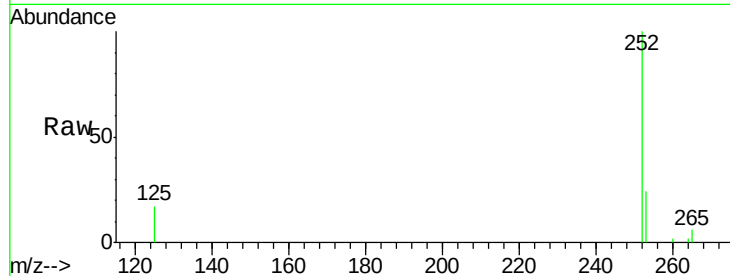
Tgt Ion:252 Resp: 4281

Ion Ratio Lower Upper

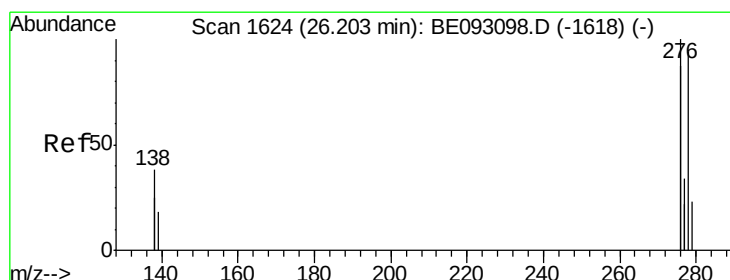
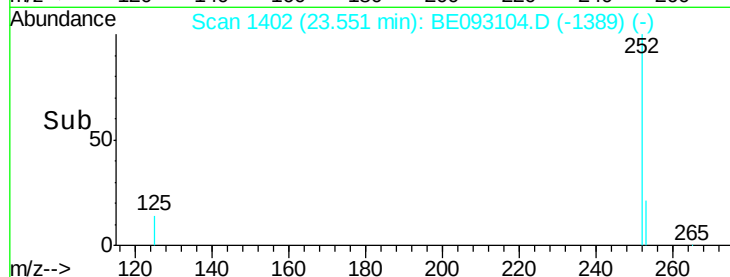
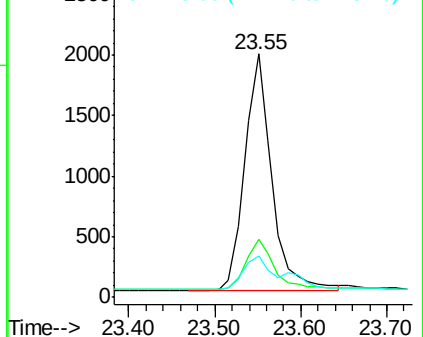
252 100

253 23.9 19.9 29.9

125 16.8 14.6 21.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.345 ng

RT: 26.20 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

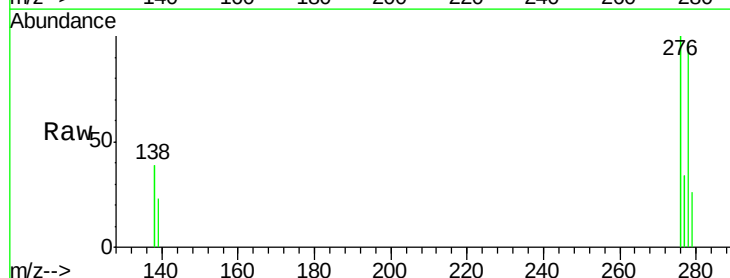
Tgt Ion:278 Resp: 4655

Ion Ratio Lower Upper

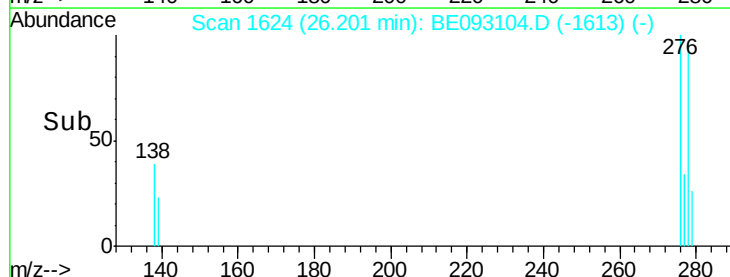
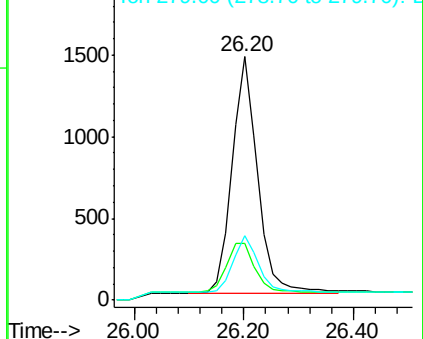
278 100

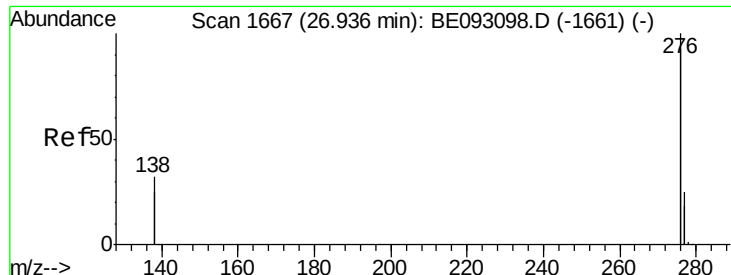
139 23.2 21.4 32.0

279 26.4 22.2 33.2



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





#39

Benzo(g,h,i)perylene

Concen: 0.341 ng

RT: 26.93 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BE093104.D

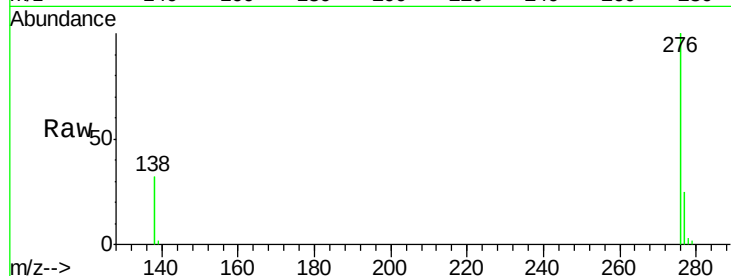
Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 18625

Ion Ratio Lower Upper

276 100

277 25.3 21.2 31.8

138 32.0 24.5 36.7

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

