

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 :

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

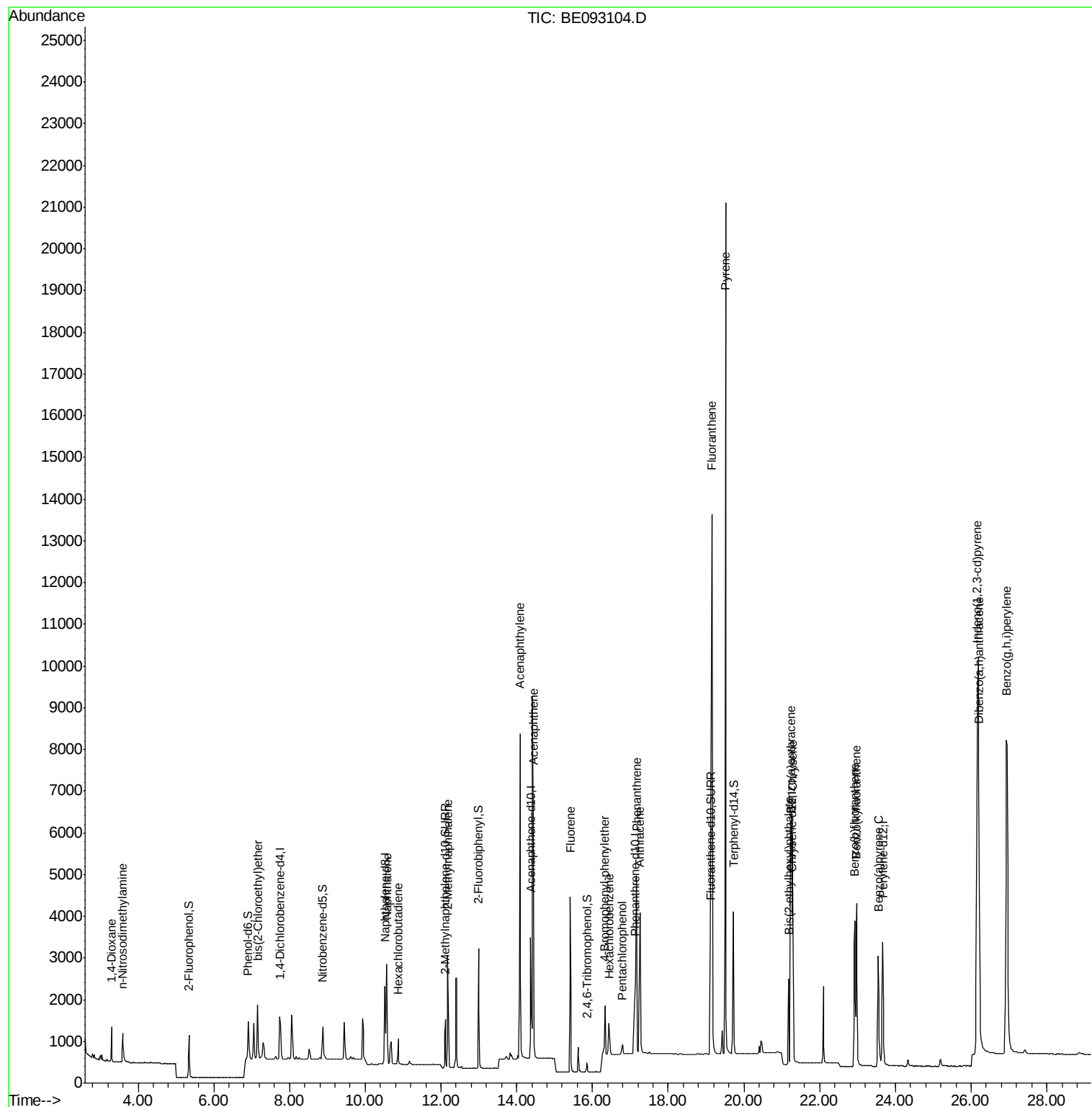
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	594	0.35	ng	99
3) n-Nitrosodimethylamine	3.59	42	512	0.36	ng	96
6) bis(2-Chloroethyl)ether	7.15	93	991	0.35	ng	# 100
9) Naphthalene	10.56	128	3291	0.36	ng	98
10) Hexachlorobutadiene	10.87	225	452	0.36	ng	99
12) 2-Methylnaphthalene	12.18	142	2039	0.36	ng	95
16) Acenaphthylene	14.08	152	10326	0.34	ng	100
17) Acenaphthene	14.44	154	2052	0.36	ng	92
18) Fluorene	15.41	166	2437	0.36	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	806	0.36	ng	# 80
21) Hexachlorobenzene	16.44	284	673	0.34	ng	# 100
22) Pentachlorophenol	16.79	266	200	0.31	ng	90
23) Phenanthrene	17.16	178	5679	0.34	ng	99
24) Anthracene	17.25	178	4683	0.33	ng	98
26) Fluoranthene	19.16	202	20693	0.34	ng	# 99
28) Pyrene	19.51	202	25463	0.38	ng	# 98
30) Benzo(a)anthracene	21.23	228	5159	0.34	ng	# 86
31) Chrysene	21.28	228	5527	0.34	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.18	149	2015	0.32	ng	97
33) Indeno(1,2,3-cd)pyrene	26.17	276	20117	0.34	ng	99
35) Benzo(b)fluoranthene	22.93	252	5262	0.35	ng	96
36) Benzo(k)fluoranthene	22.97	252	4993	0.35	ng	97
37) Benzo(a)pyrene	23.55	252	4281	0.33	ng	97
38) Dibenzo(a,h)anthracene	26.20	278	4655	0.34	ng	95
39) Benzo(g,h,i)perylene	26.93	276	18625	0.34	ng	98

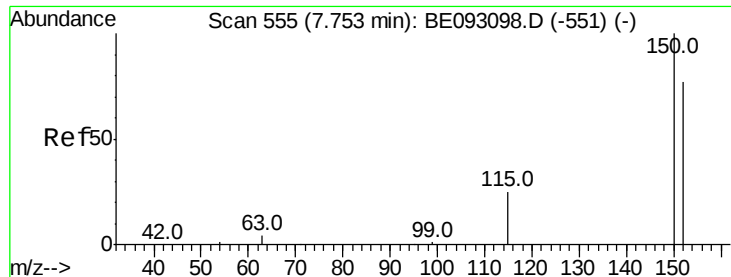
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
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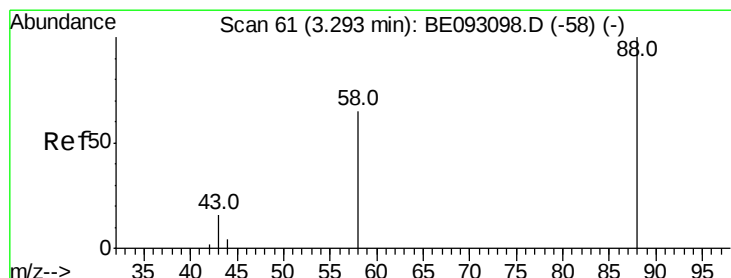
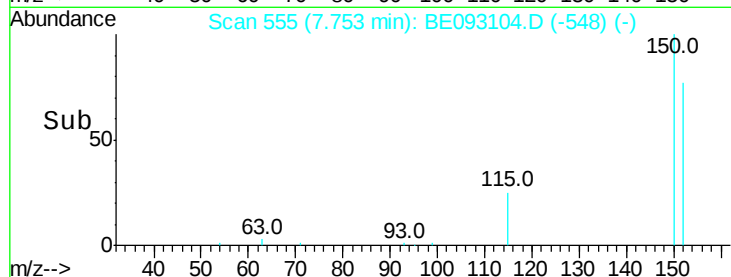
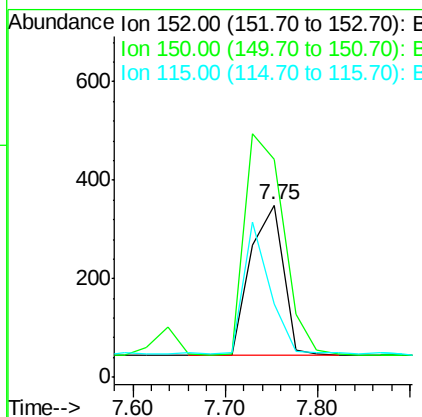
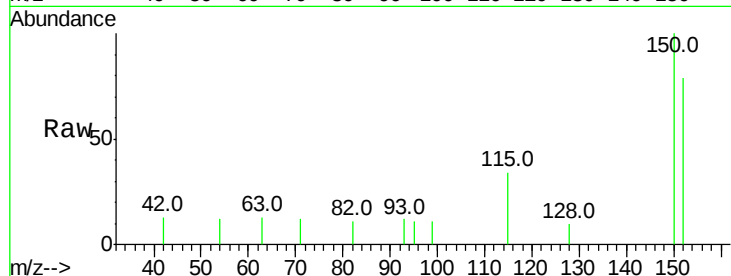


#1

1,4-Dichlorobenzene-d4
Concen: 0.40 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 :

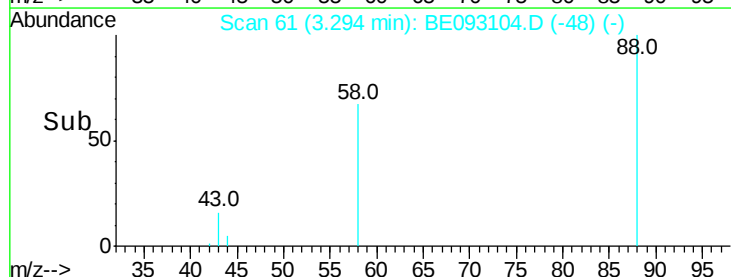
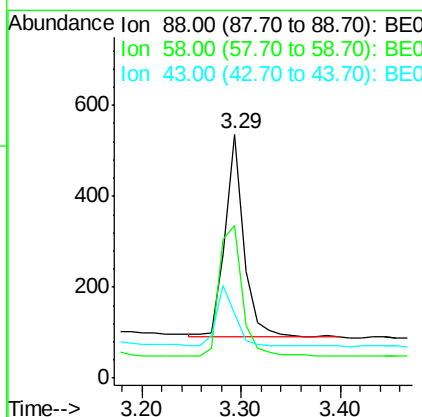
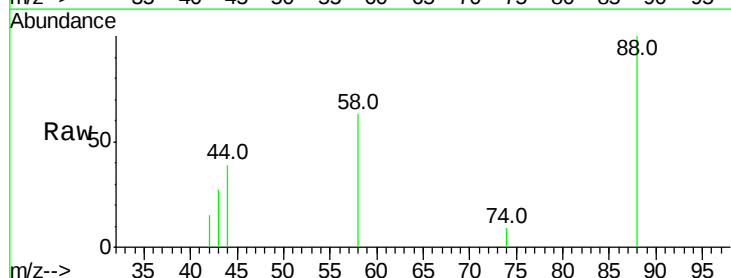
Tot Ion:152 Resp: 757
Ion Ratio Lower Upper
152 100
150 126.3 125.1 187.7
115 42.9 55.7 83.5#

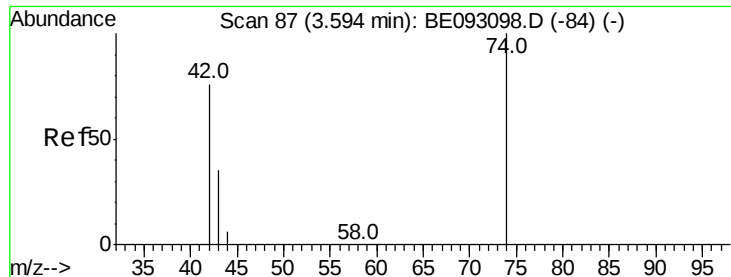


#2

1,4-Dioxane
Concen: 0.35 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: 0.36 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

ClientSampled :

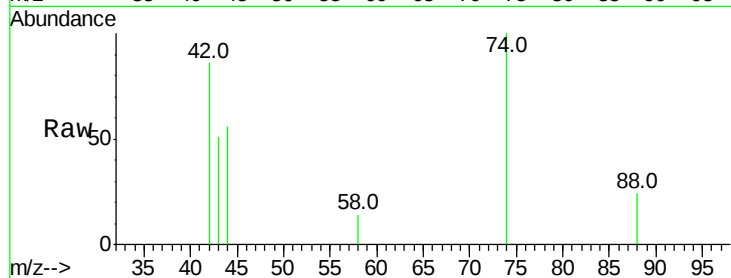
Tot Ion: 42 Resp: 512

Ion Ratio Lower Upper

42 100

74 118.8 99.1 148.7

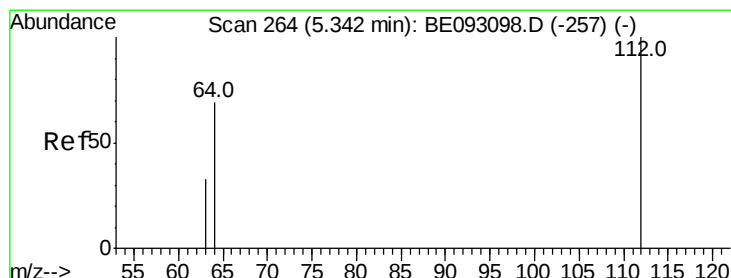
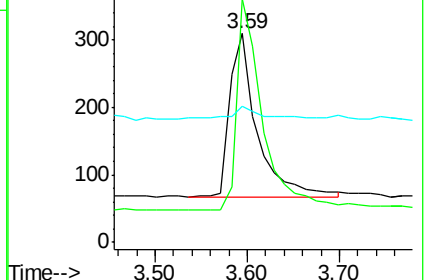
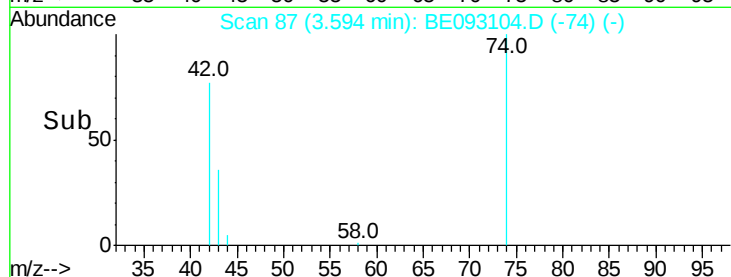
44 10.0 7.4 11.2



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: 0.33 ng

RT: 5.34 min Scan# 264

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

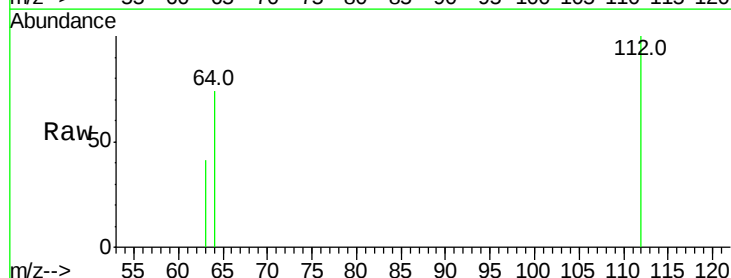
Tgt Ion: 112 Resp: 727

Ion Ratio Lower Upper

112 100

64 70.7 56.4 84.6

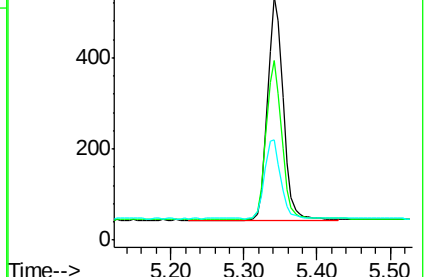
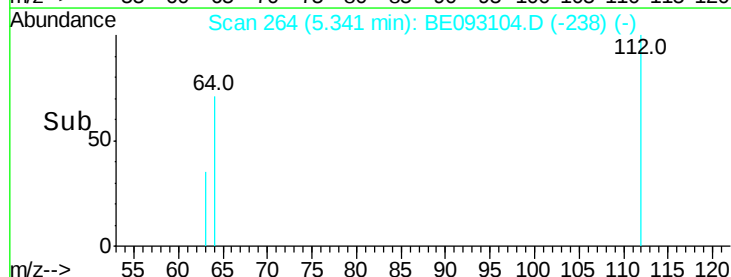
63 36.6 29.3 43.9

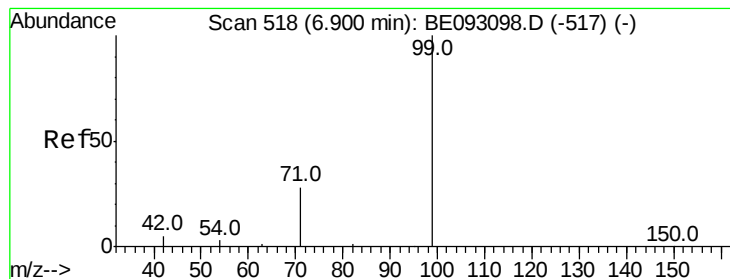


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.32 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 :

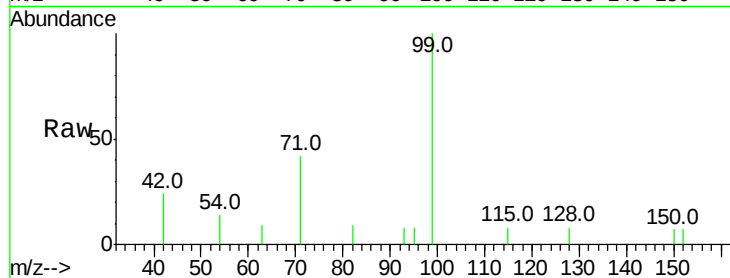
Tot Ion: 99 Resp: 1041

Ion Ratio Lower Upper

99 100

42 20.9 0.0 0.0#

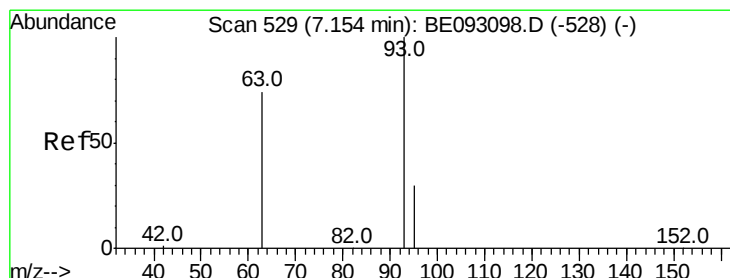
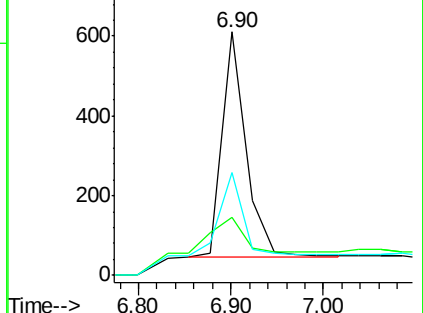
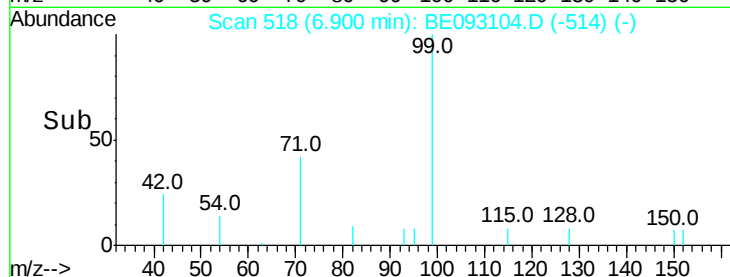
71 34.5 0.0 0.0#



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: 0.35 ng

RT: 7.15 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

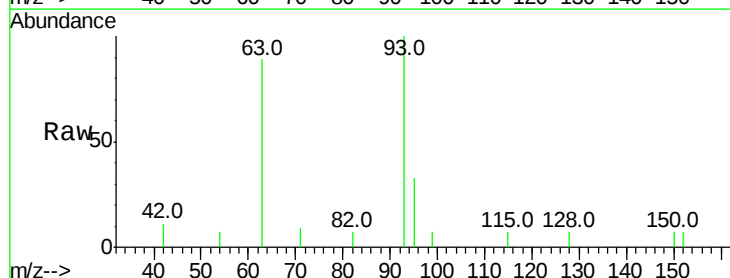
Tgt Ion: 93 Resp: 991

Ion Ratio Lower Upper

93 100

63 89.5 0.0 0.0#

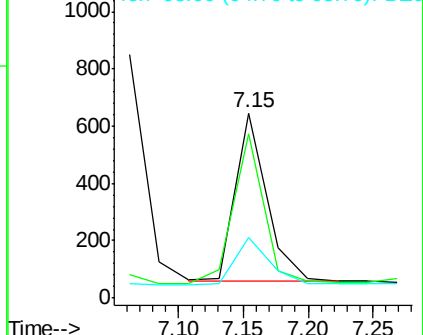
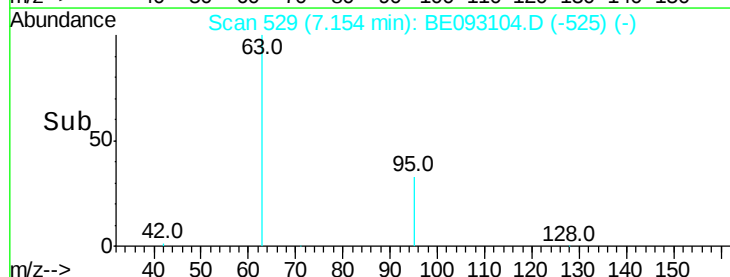
95 31.5 25.4 38.0

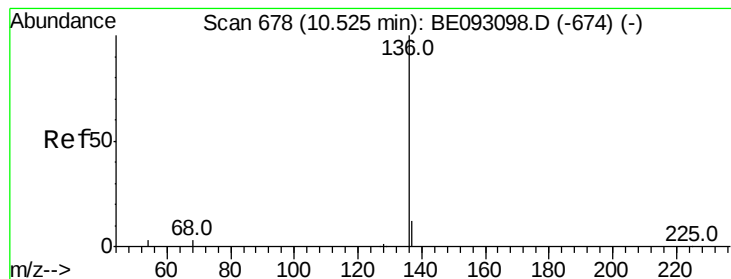


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3441

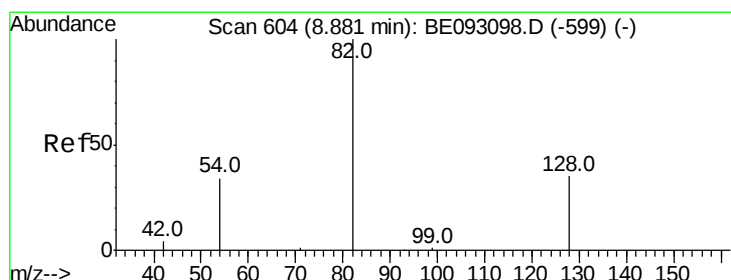
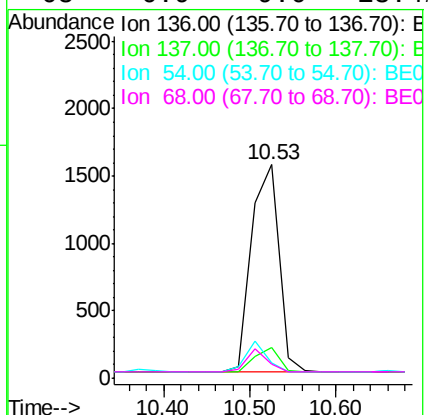
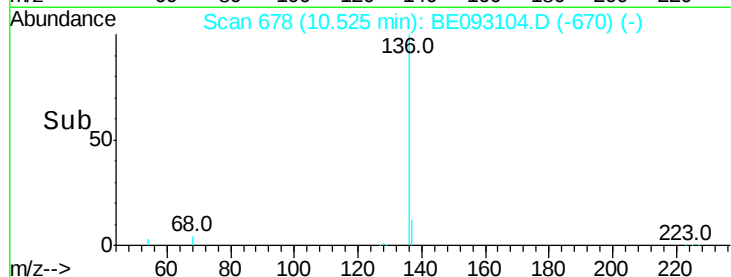
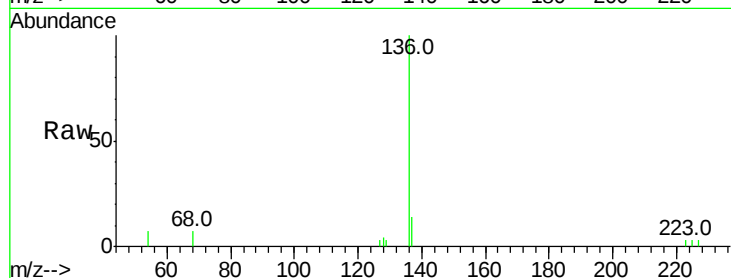
Ion Ratio Lower Upper

136 100

137 14.4 9.8 14.8

54 6.9 10.3 15.5#

68 6.9 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.35 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

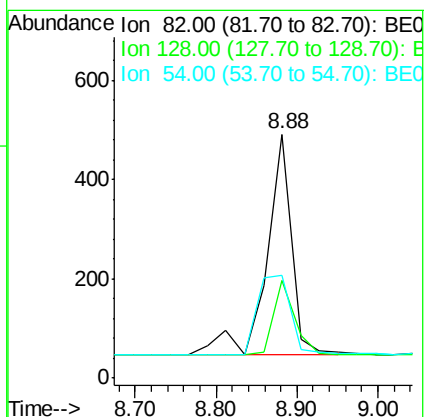
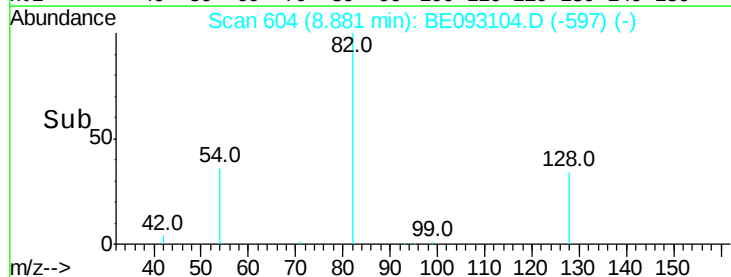
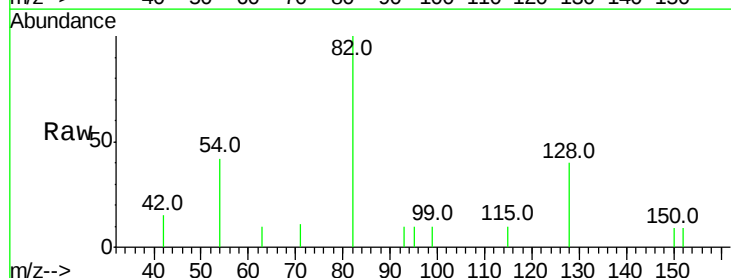
Tgt Ion: 82 Resp: 958

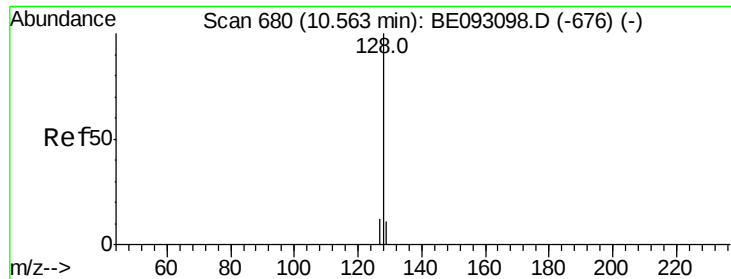
Ion Ratio Lower Upper

82 100

128 40.1 17.0 25.4#

54 42.2 53.8 80.6#





#9

Naphthalene

Concen: 0.36 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

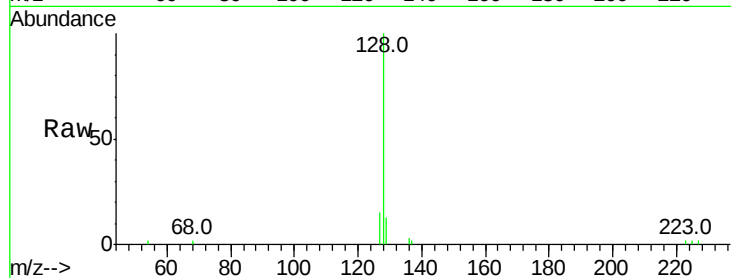
Tot Ion:128 Resp: 3291

Ion Ratio Lower Upper

128 100

129 13.0 11.4 17.0

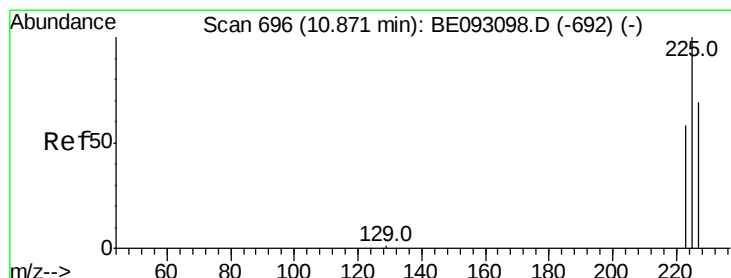
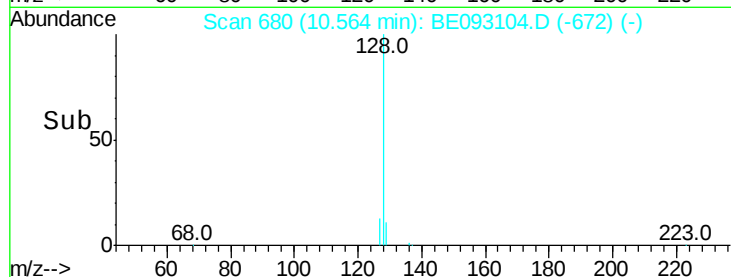
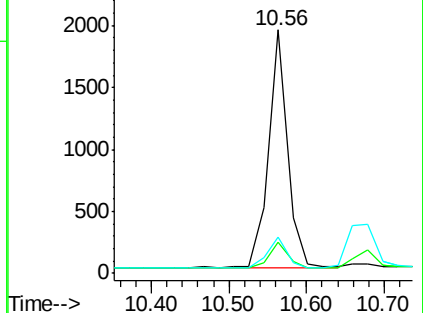
127 14.6 11.2 16.8



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: 0.36 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

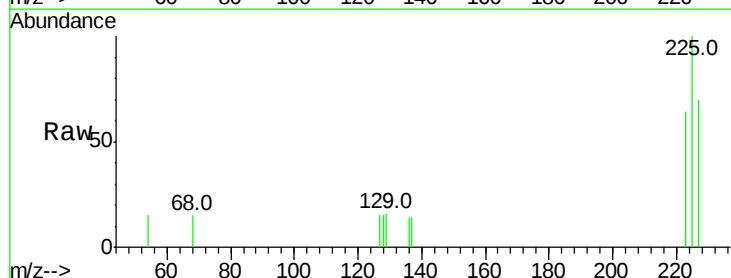
Tgt Ion:225 Resp: 452

Ion Ratio Lower Upper

225 100

223 61.7 49.7 74.5

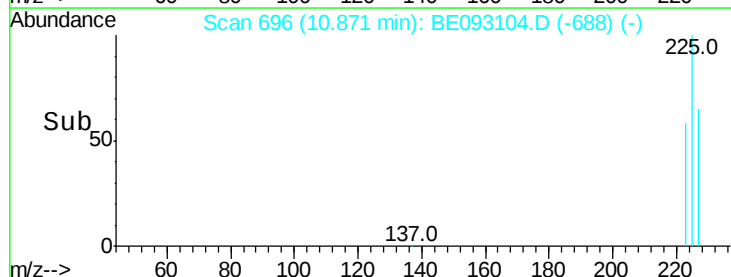
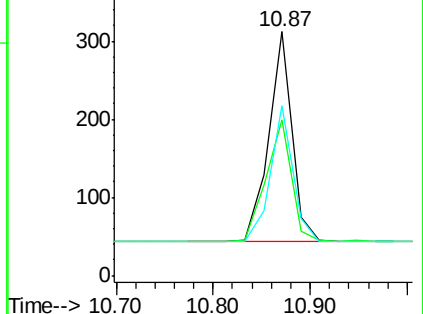
227 61.7 50.3 75.5

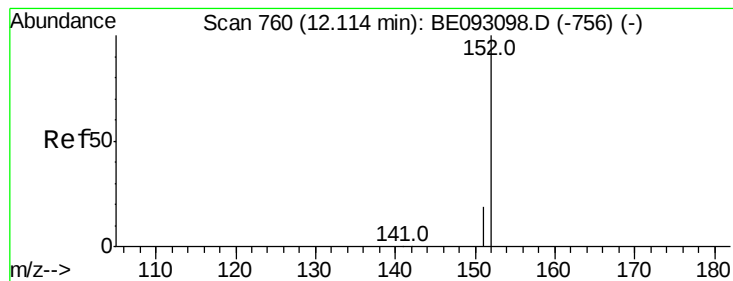


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

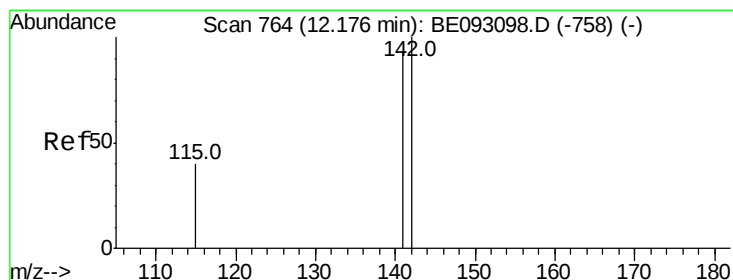
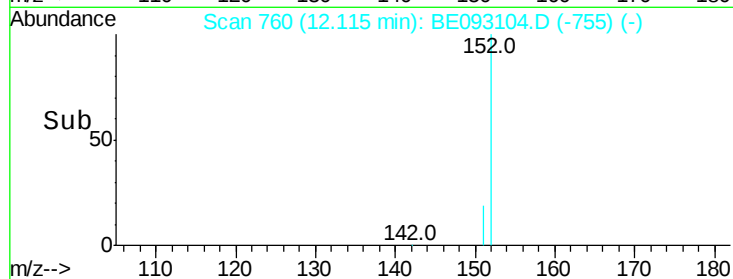
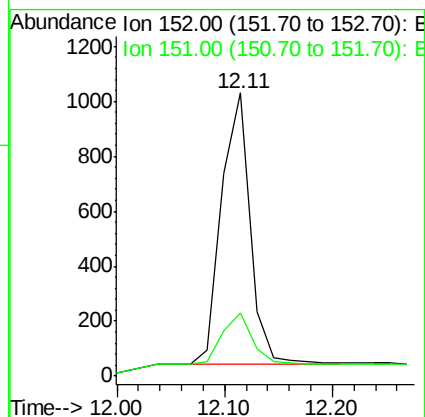
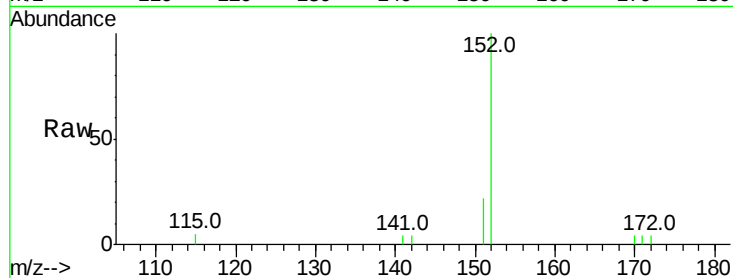




#11
 2-Methylnaphthalene-d10
 Concen: 0.35 ng
 RT: 12.11 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BE093104.D
 Acq: 12 Jun 2017 16:00

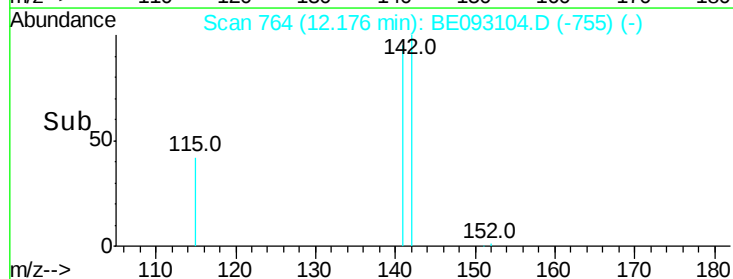
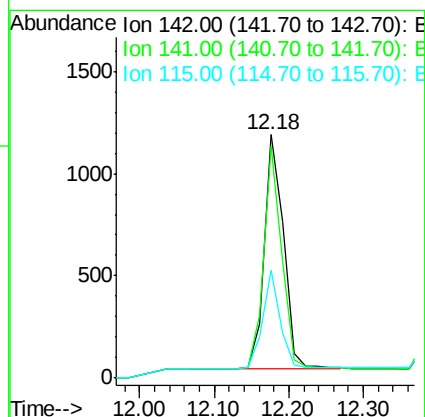
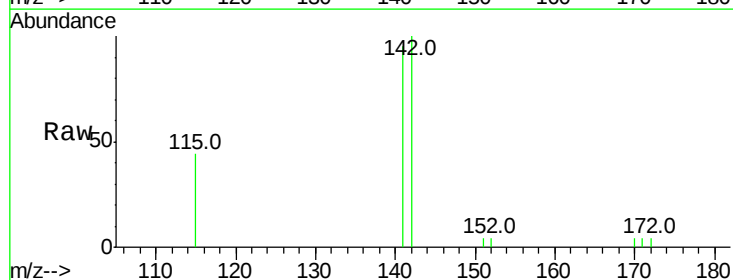
Instrument :
 BNA_E
 ClientSampleId :

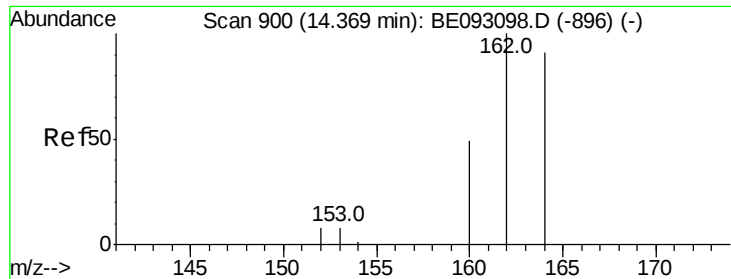
Tot Ion:152 Resp: 1811
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.36 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





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :

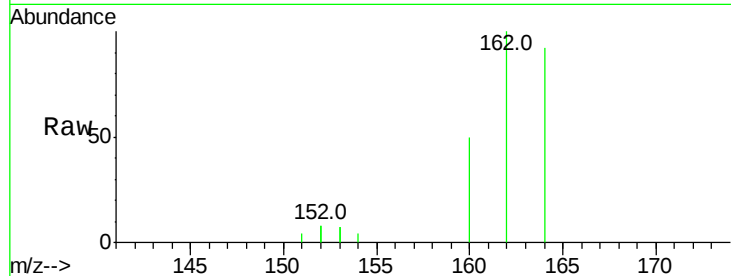
Tot Ion:164 Resp: 1750

Ion Ratio Lower Upper

164 100

162 108.9 84.6 127.0

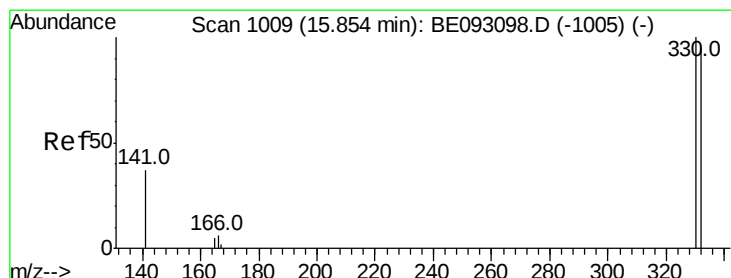
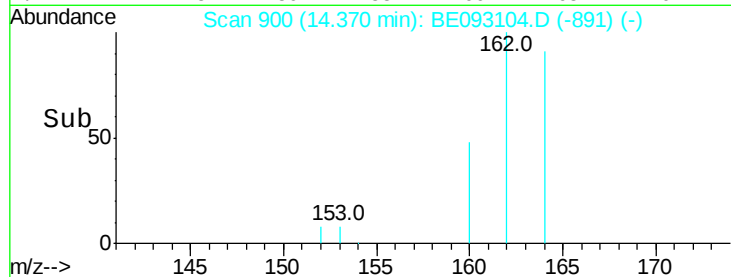
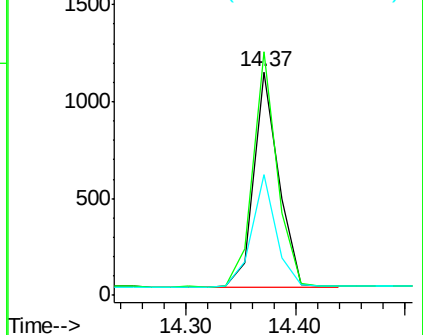
160 54.1 41.8 62.6



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: 0.32 ng

RT: 15.85 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

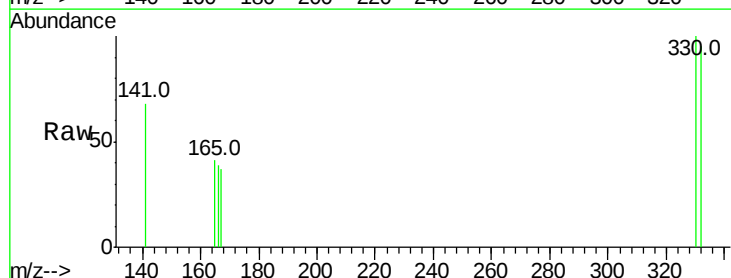
Tgt Ion:330 Resp: 128

Ion Ratio Lower Upper

330 100

332 98.4 77.7 116.5

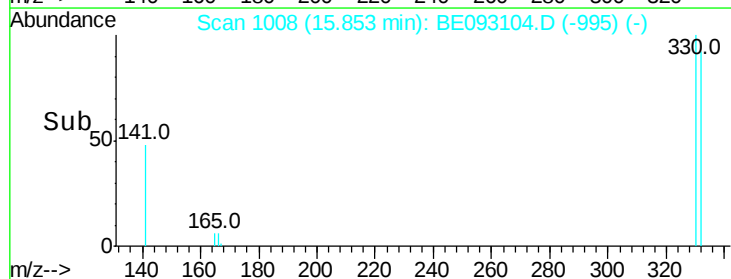
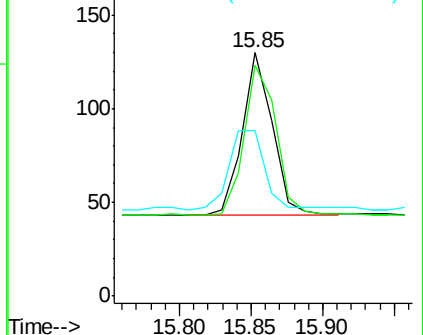
141 57.8 56.2 84.4

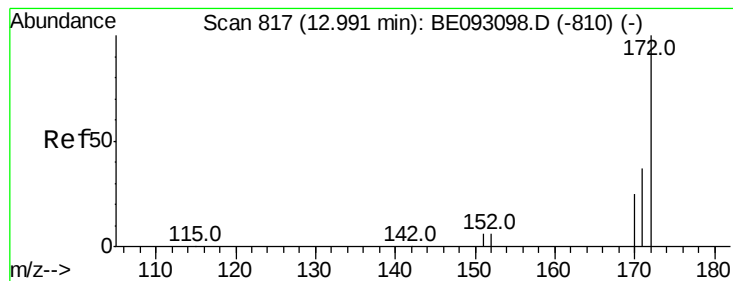


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

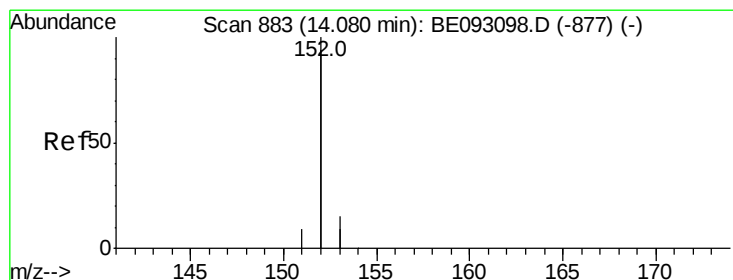
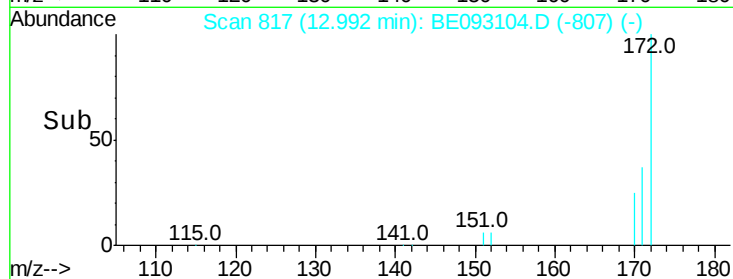
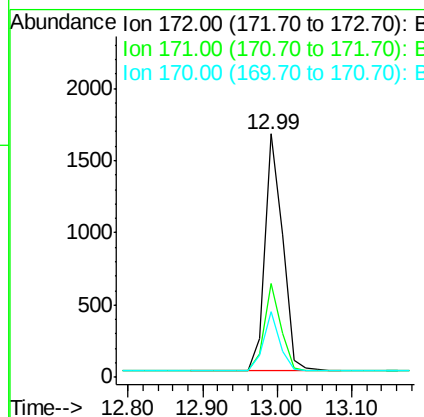
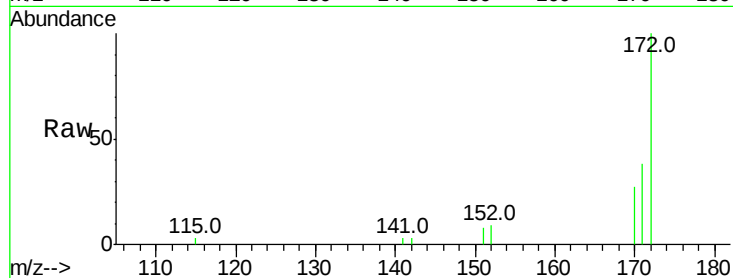




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093104.D
Acq: 12 Jun 2017 16:00

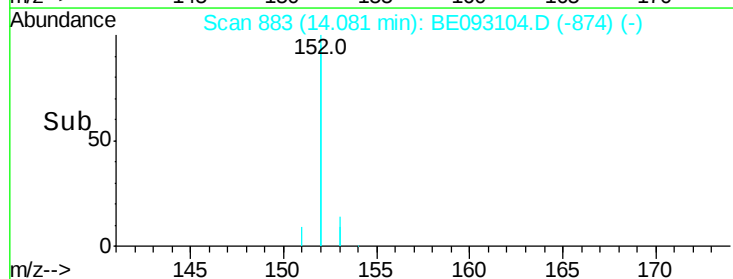
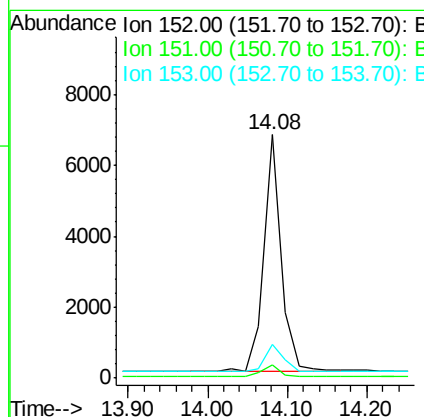
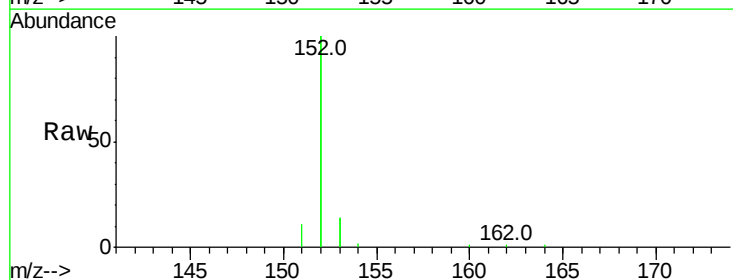
Instrument :
BNA_E
ClientSampleId :

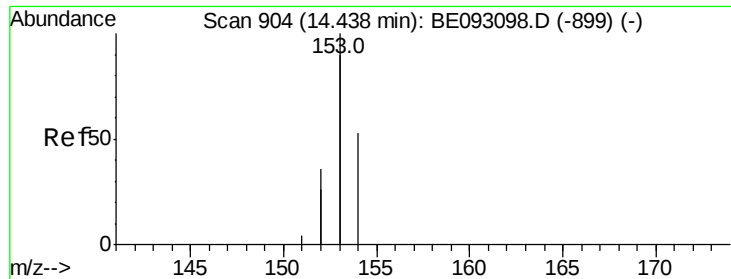
Tot Ion:172 Resp: 2693
Ion Ratio Lower Upper
172 100
171 38.4 29.8 44.6
170 27.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.34 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

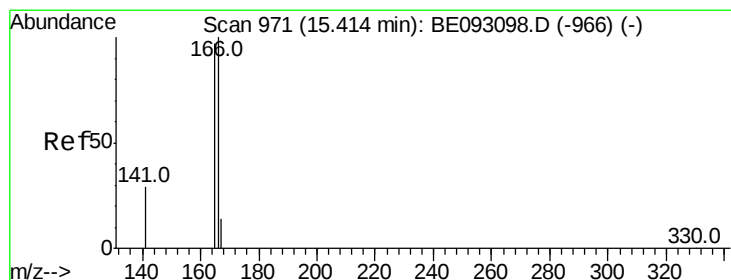
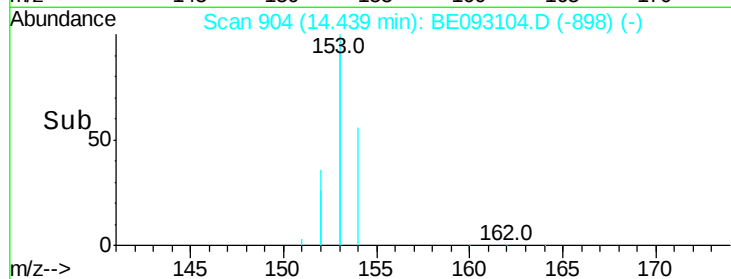
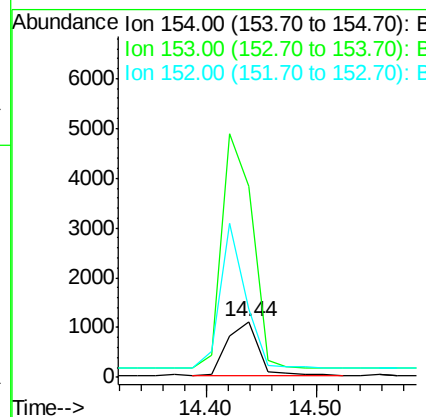
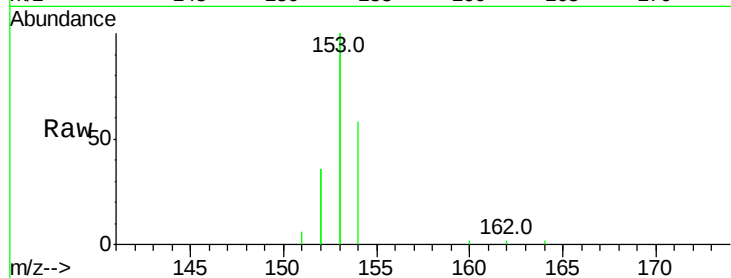




#17
Acenaphthene
Concen: 0.36 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093104.D
Acq: 12 Jun 2017 16:00

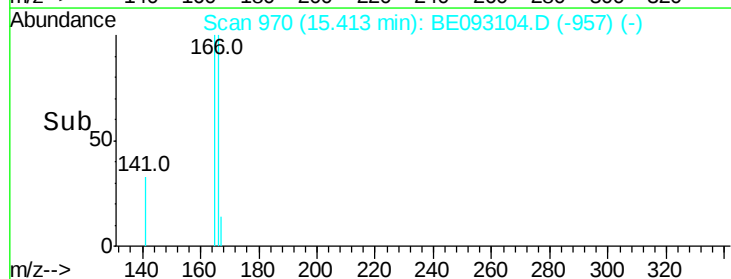
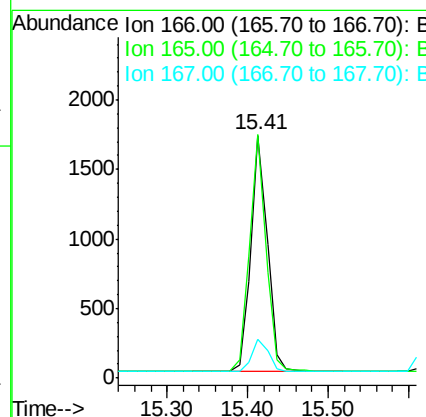
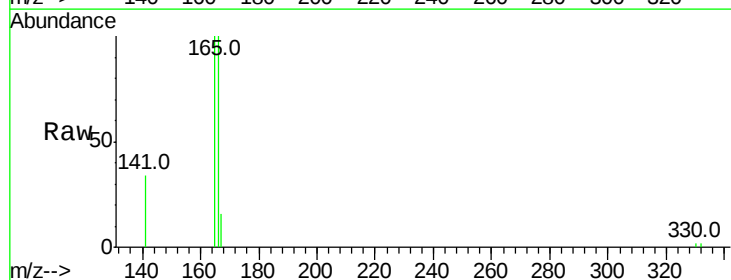
Instrument :
BNA_E
ClientSampleId :

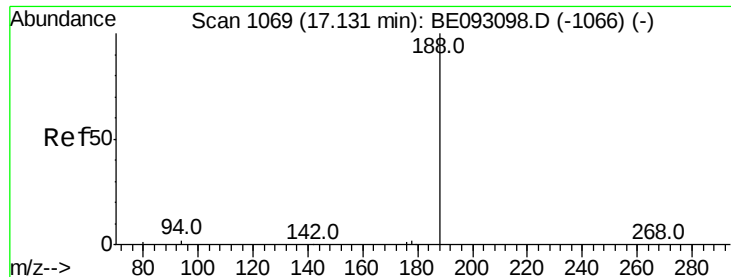
Tot Ion:154 Resp: 2052
Ion Ratio Lower Upper
154 100
153 438.7 367.8 551.6
152 224.0 188.2 282.2



#18
Fluorene
Concen: 0.36 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





#19

Phenanthrene-d10

Concen: 0.40 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 :

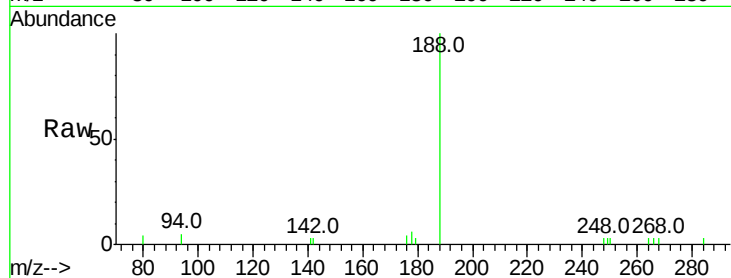
Tot Ion:188 Resp: 3722

Ion Ratio Lower Upper

188 100

94 4.6 11.3 16.9#

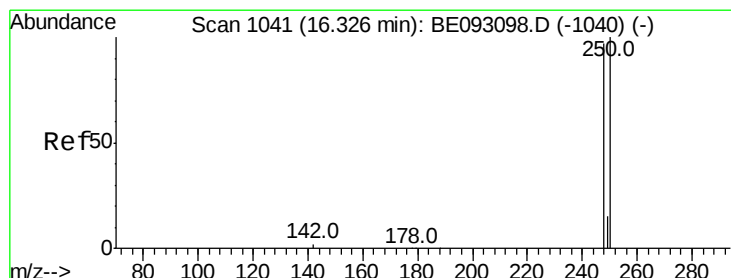
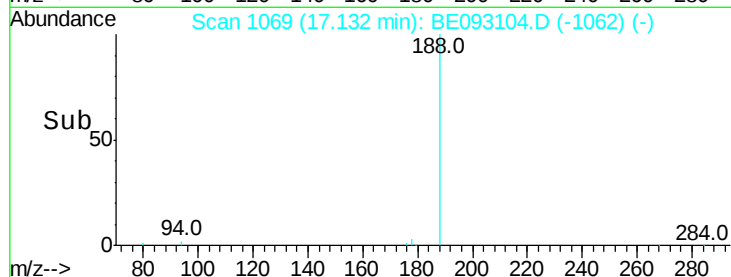
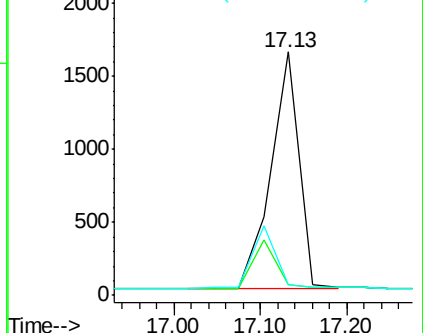
80 4.5 11.7 17.5#



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: 0.36 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

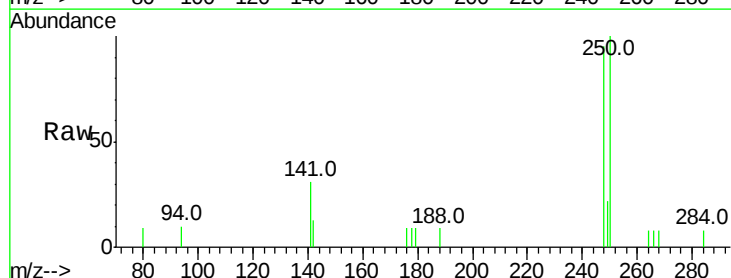
Tgt Ion:248 Resp: 806

Ion Ratio Lower Upper

248 100

250 105.5 100.0 150.0

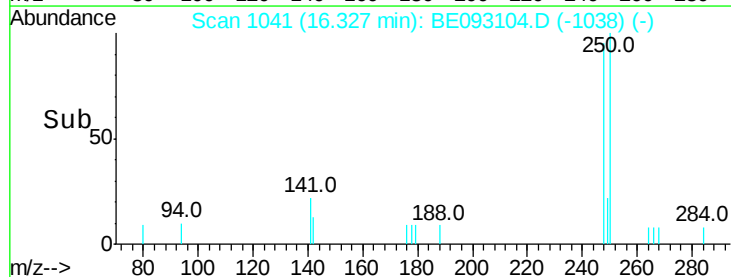
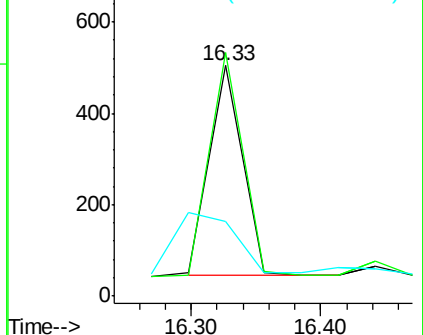
141 32.3 40.0 60.0#

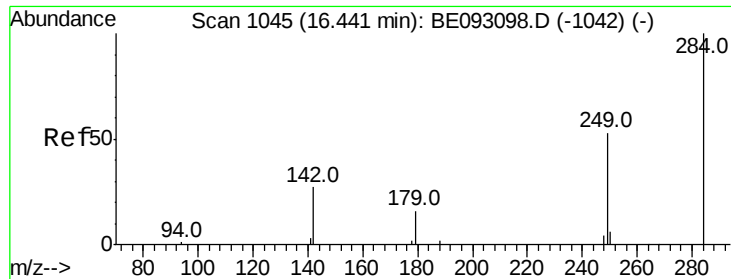


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

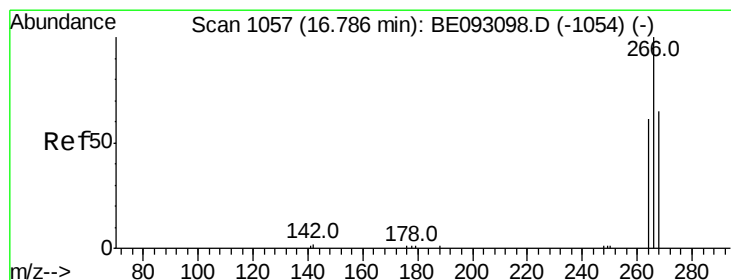
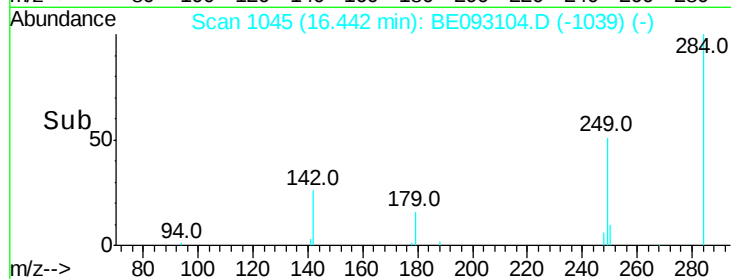
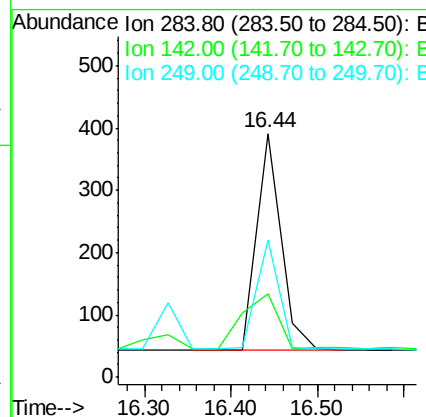
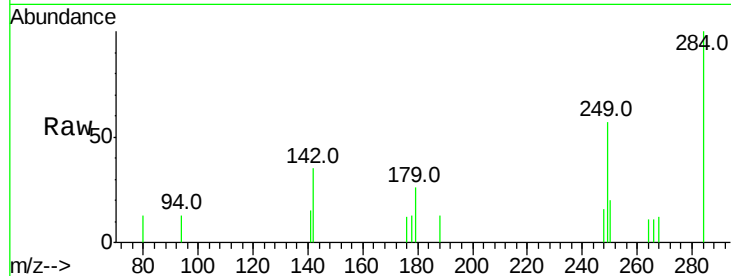




#21
Hexachlorobenzene
Concen: 0.34 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093104.D
Acq: 12 Jun 2017 16:00

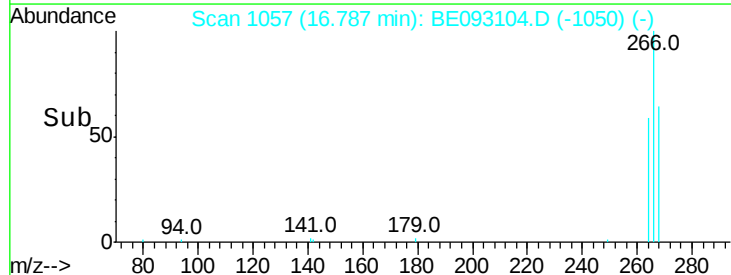
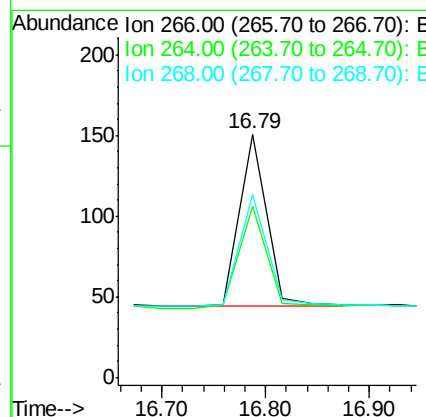
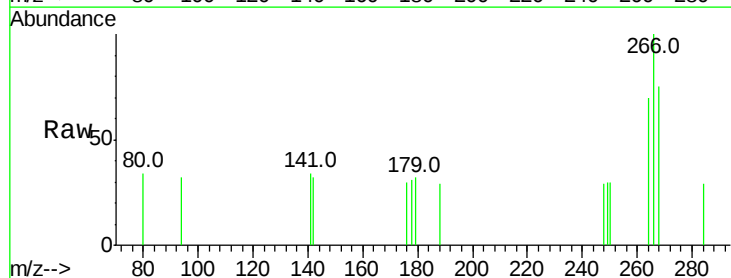
Instrument :
BNA_E
ClientSampleId :

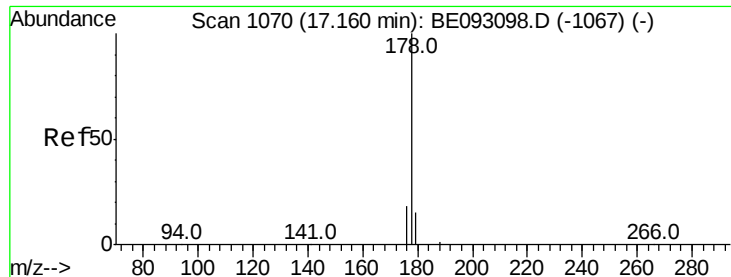
Tot Ion:284 Resp: 673
Ion Ratio Lower Upper
284 100
142 37.7 0.0 0.0#
249 46.2 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.31 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





#23

Phenanthrene

Concen: 0.34 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 :

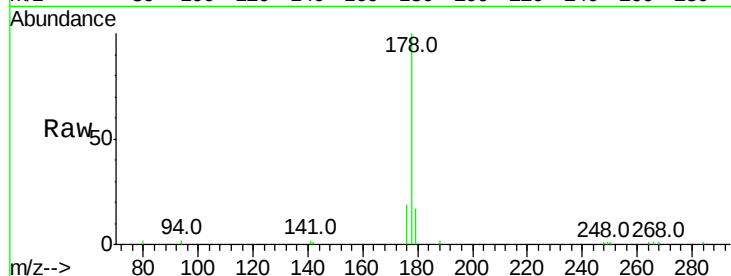
Tot Ion:178 Resp: 5679

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

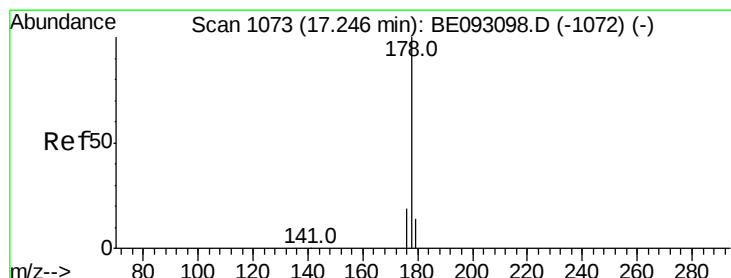
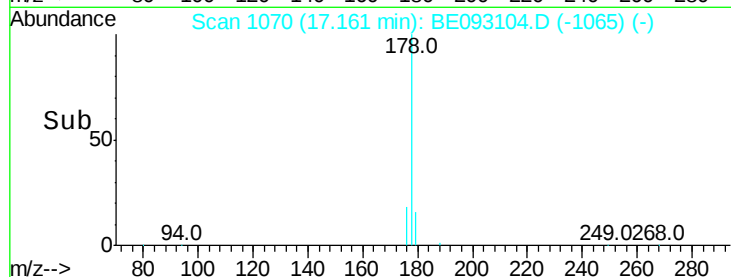
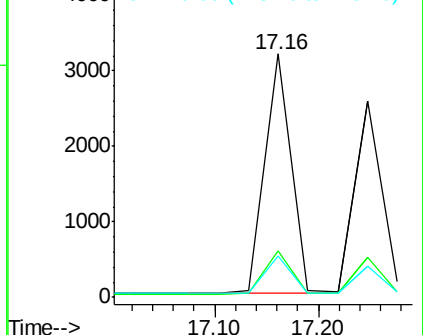
179 15.8 12.7 19.1



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: 0.33 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

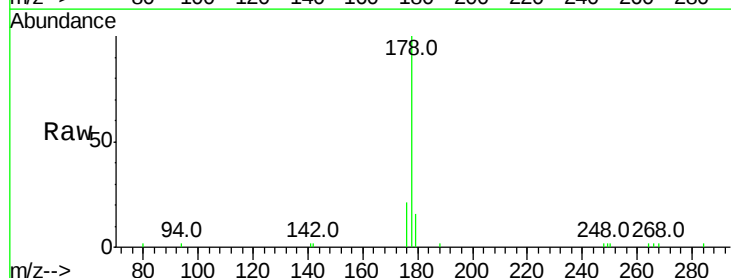
Tgt Ion:178 Resp: 4683

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

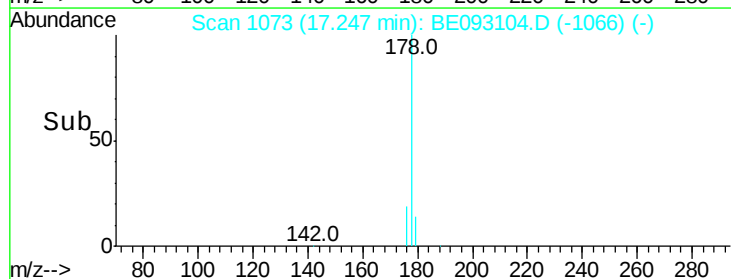
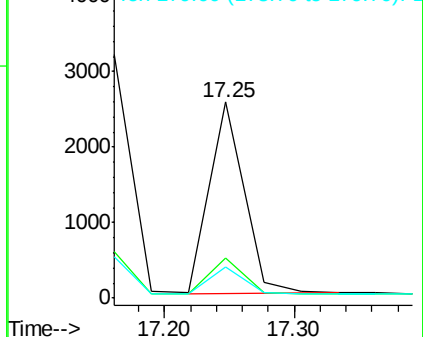
179 14.4 12.0 18.0

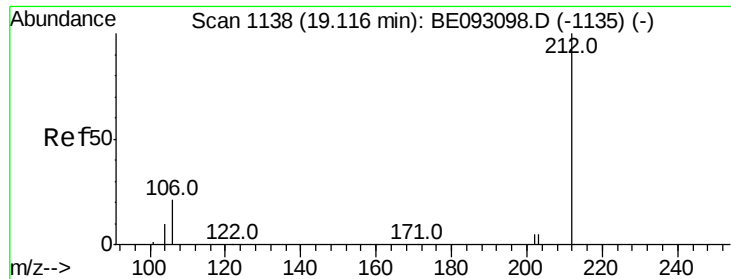


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

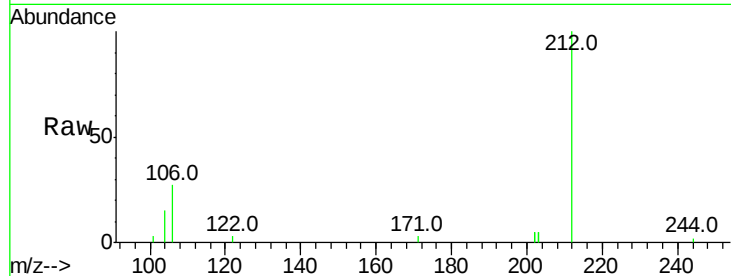




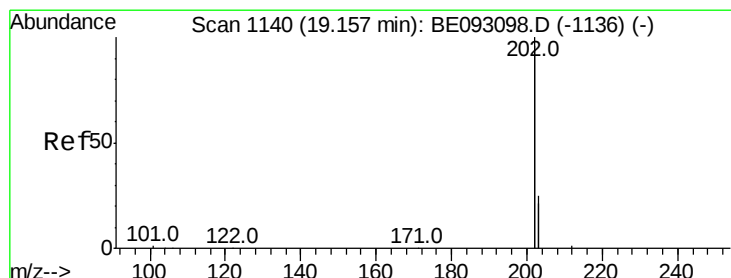
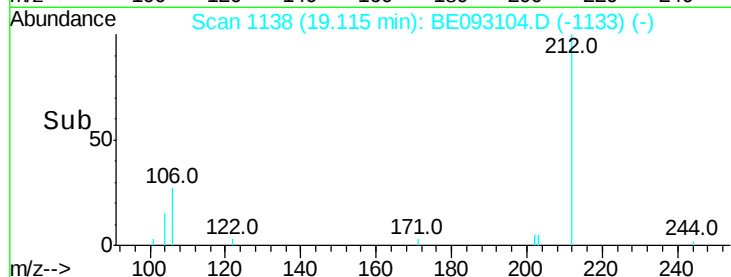
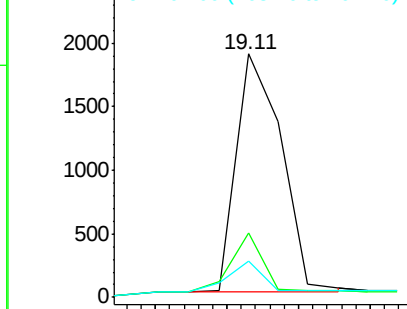
#25
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.11 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BE093104.D
Acq: 12 Jun 2017 16:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:212 Resp: 4132
Ion Ratio Lower Upper
212 100
106 17.3 0.0 0.0#
104 9.4 0.0 0.0#

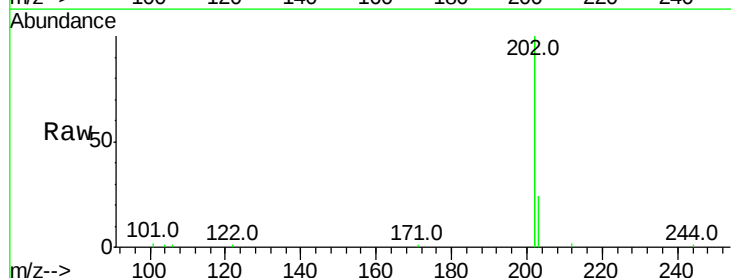


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

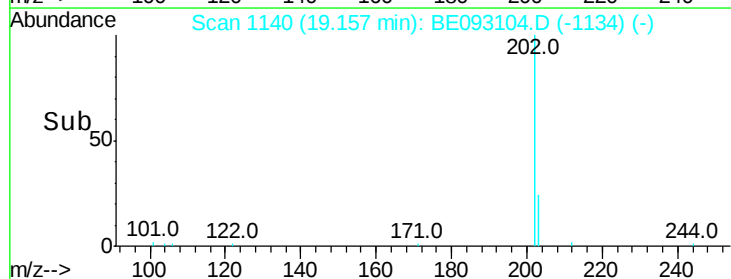
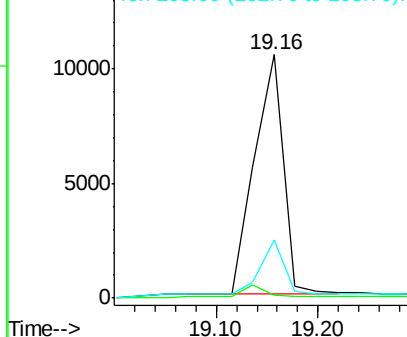


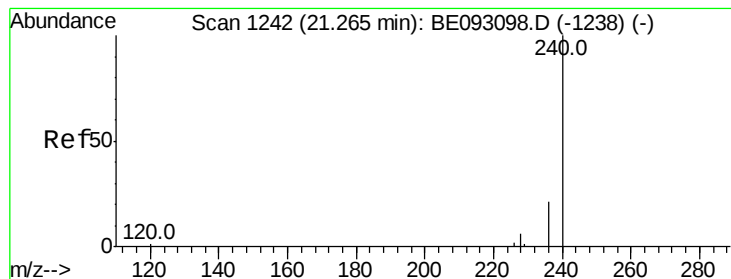
#26
Fluoranthene
Concen: 0.34 ng
RT: 19.16 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE093104.D
Acq: 12 Jun 2017 16:00

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: 0.40 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 :

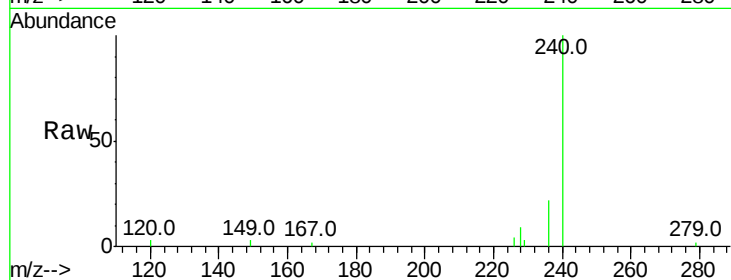
Tot Ion:240 Resp: 5569

Ion Ratio Lower Upper

240 100

120 3.2 4.6 7.0#

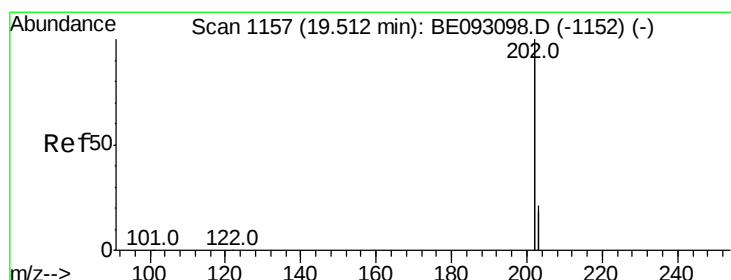
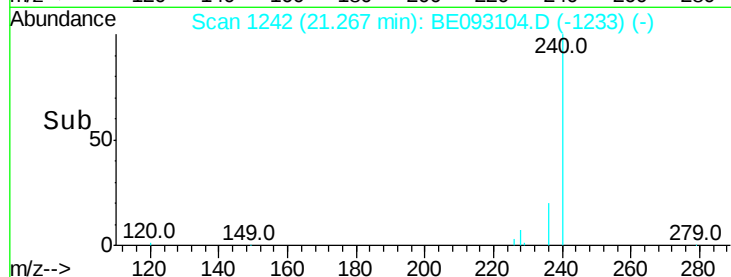
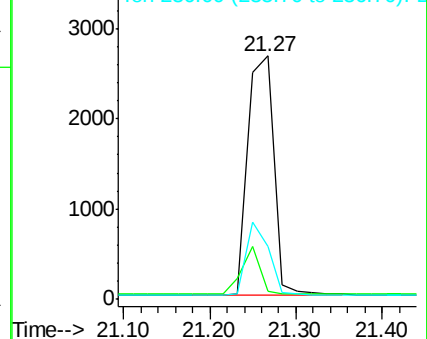
236 21.8 20.8 31.2



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: 0.38 ng

RT: 19.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

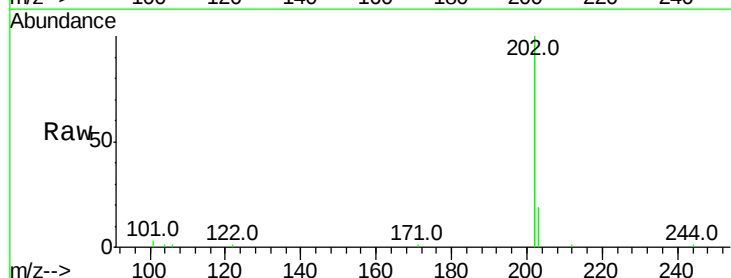
Tgt Ion:202 Resp: 25463

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

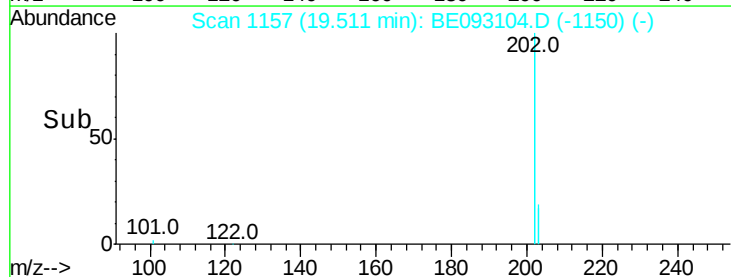
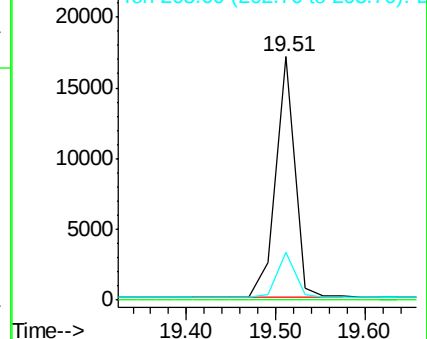
203 17.9 13.7 20.5

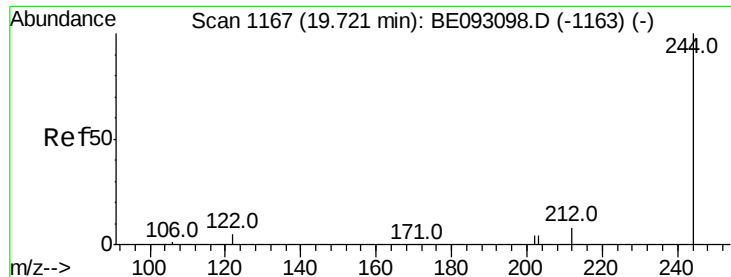


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.37 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

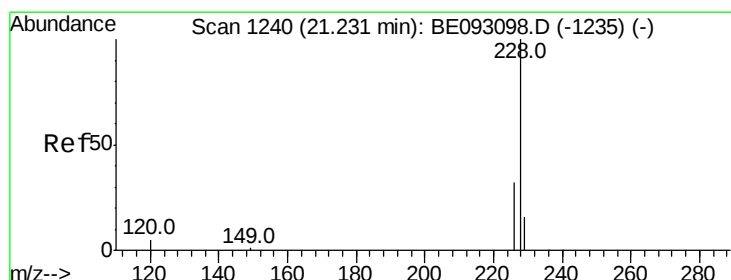
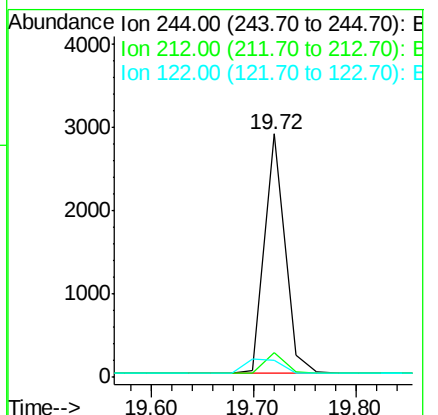
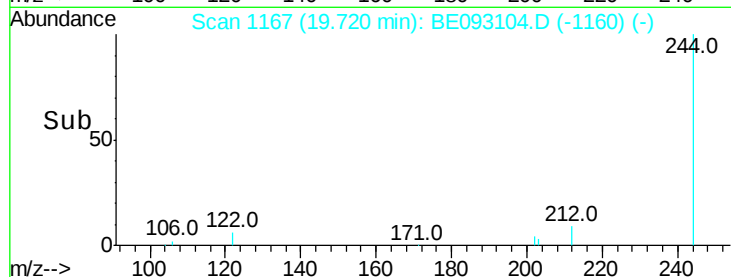
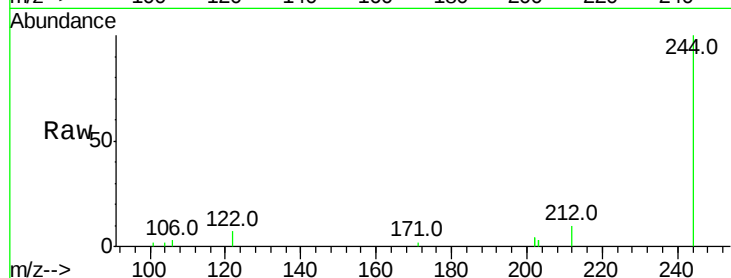
Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :



#30

Benzo(a)anthracene

Concen: 0.34 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

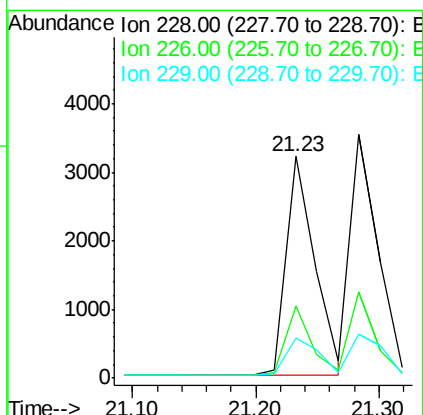
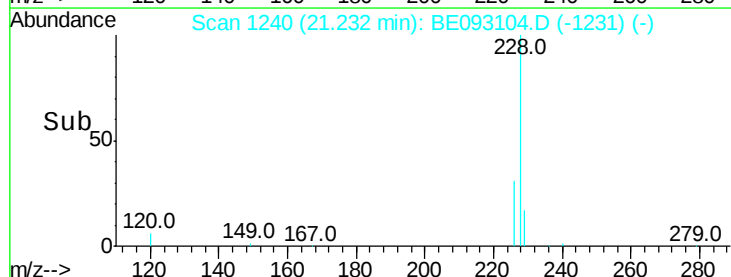
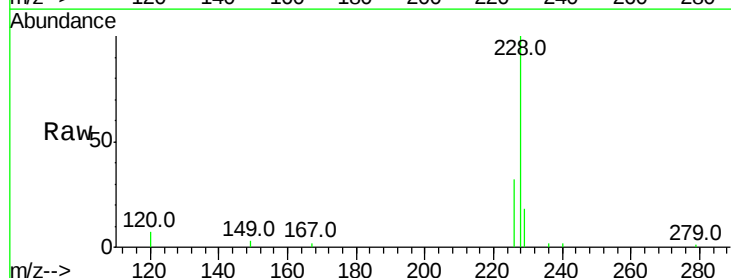
Tgt Ion:228 Resp: 5159

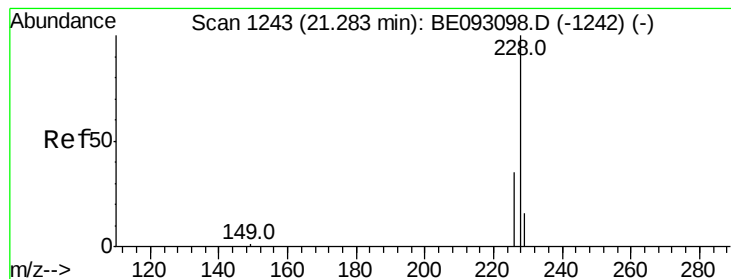
Ion Ratio Lower Upper

228 100

226 32.4 19.7 29.5#

229 17.9 19.2 28.8#





#31

Chrysene

Concen: 0.34 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 :

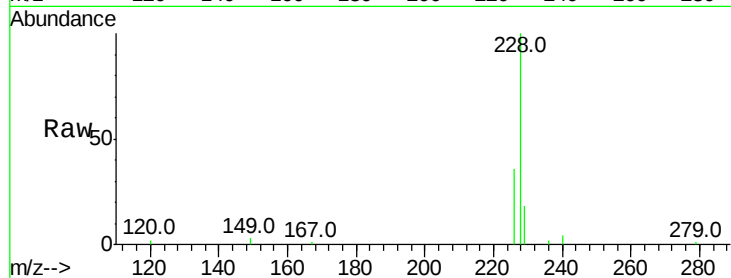
Tot Ion:228 Resp: 5527

Ion Ratio Lower Upper

228 100

226 35.6 21.5 32.3#

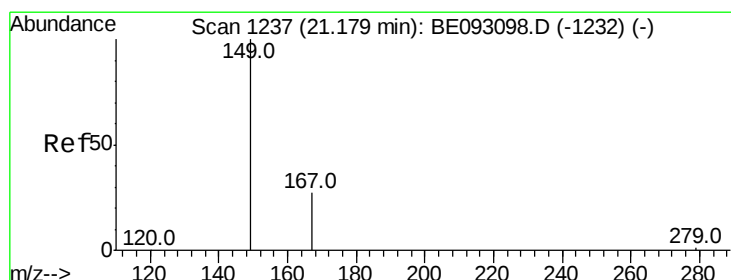
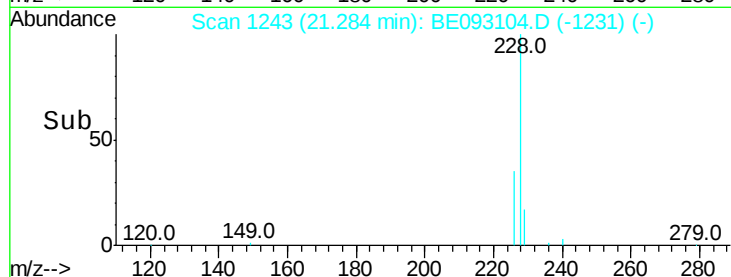
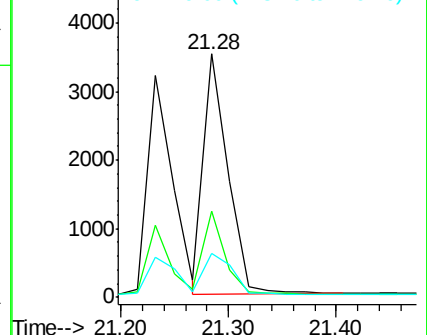
229 18.0 18.6 28.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.32 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

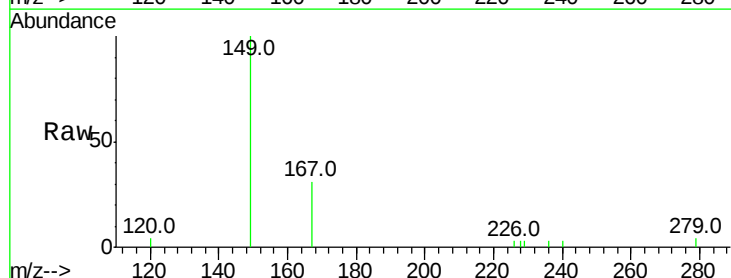
Tgt Ion:149 Resp: 2015

Ion Ratio Lower Upper

149 100

167 26.9 20.1 30.1

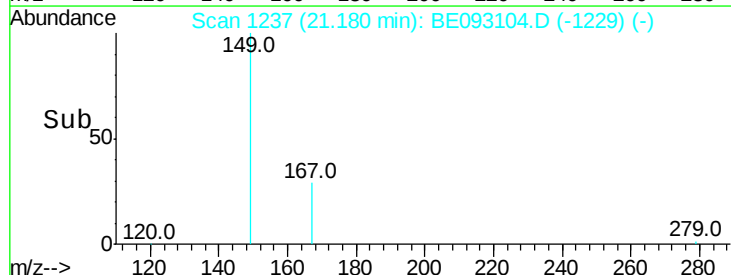
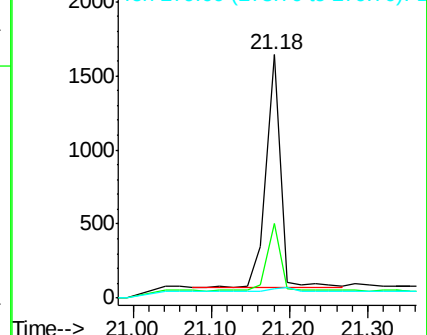
279 2.4 2.2 3.4

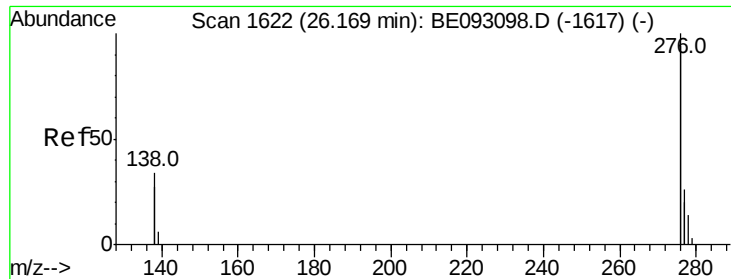


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

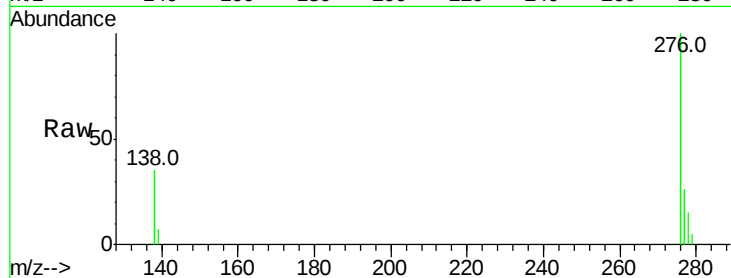




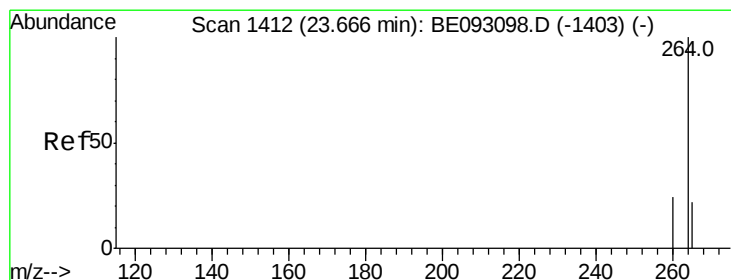
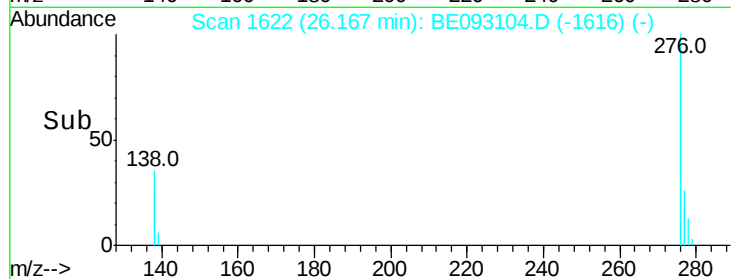
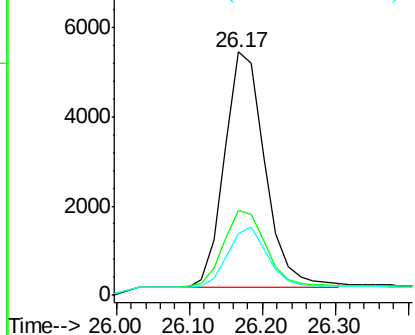
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.34 ng
 RT: 26.17 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE093104.D
 Acq: 12 Jun 2017 16:00

Instrument :
 BNA_E
 ClientSampleId :

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

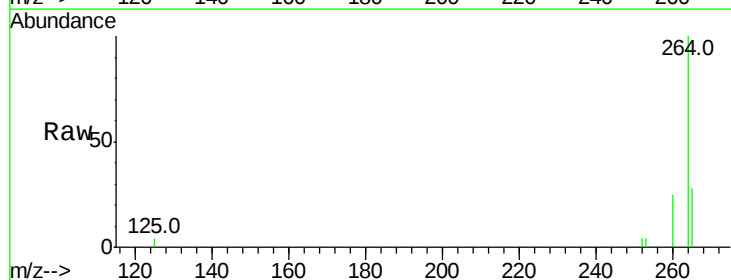


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

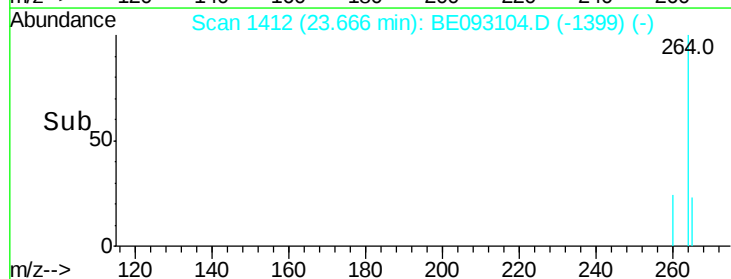
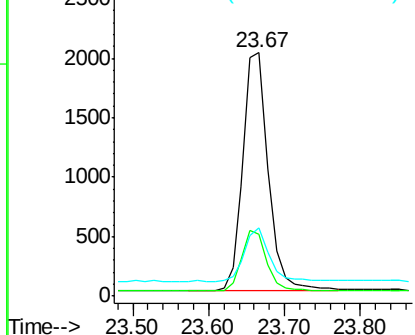


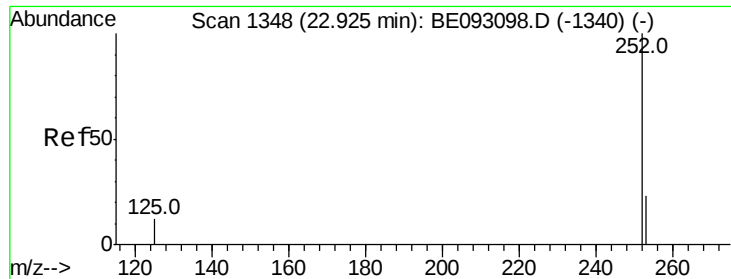
#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.67 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BE093104.D
 Acq: 12 Jun 2017 16:00

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

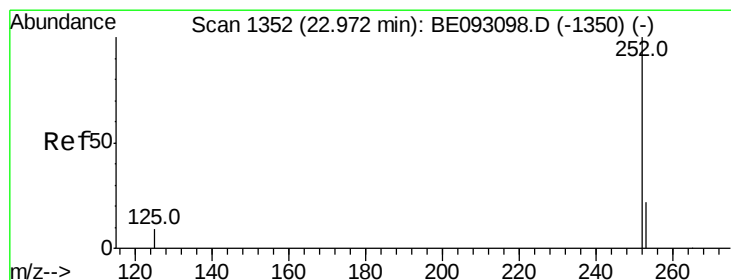
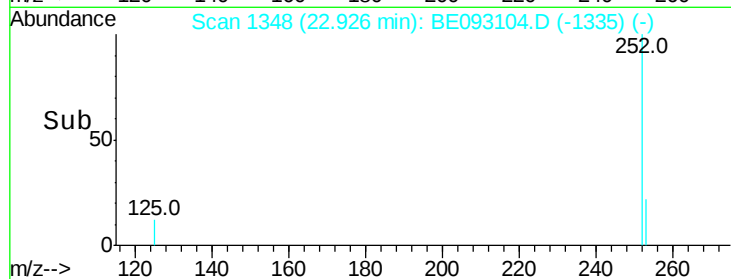
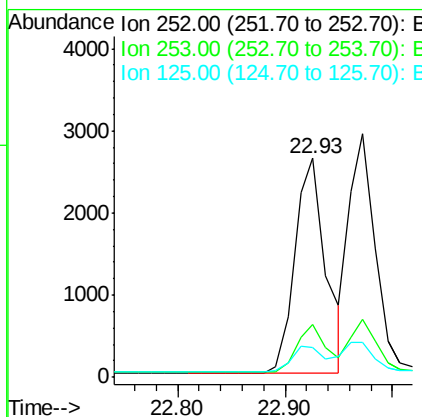
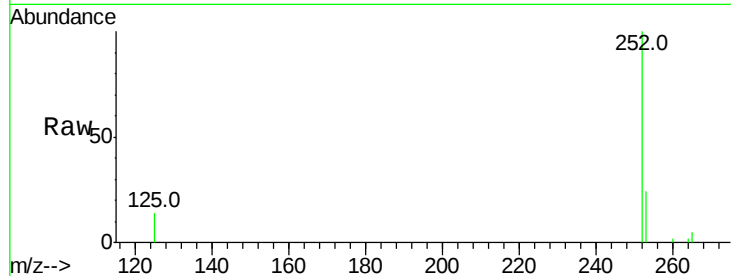




#35
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.93 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE093104.D
Acq: 12 Jun 2017 16:00

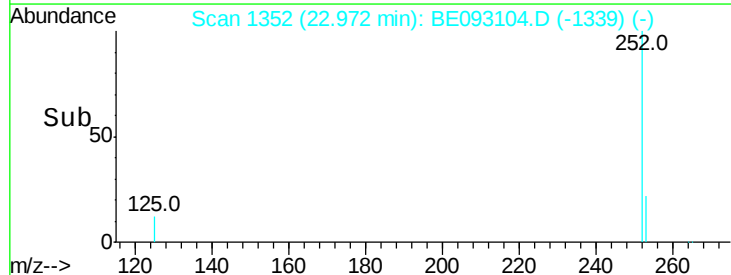
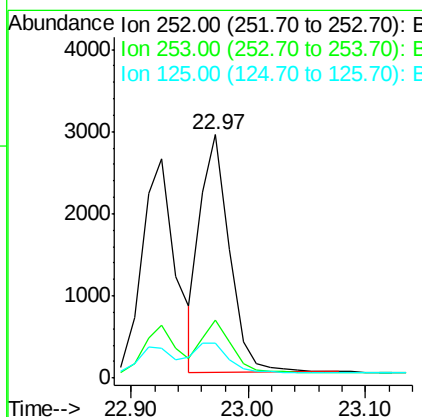
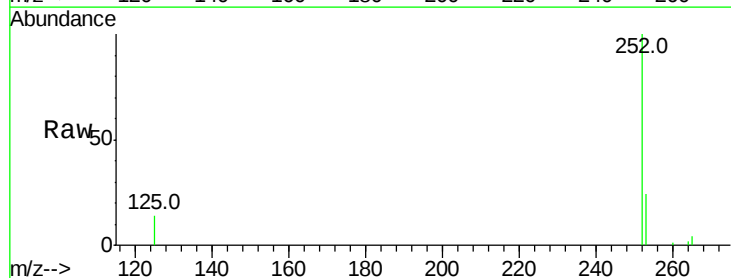
Instrument :
BNA_E
ClientSampleId :

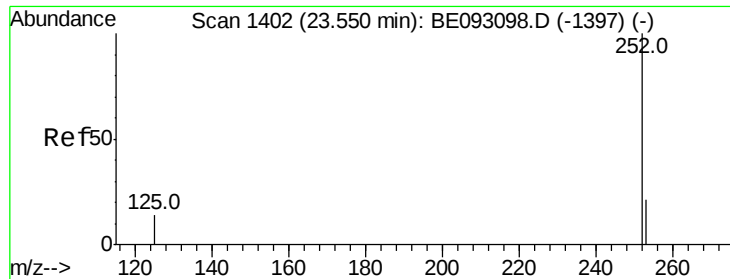
Tot Ion:252 Resp: 5262
Ion Ratio Lower Upper
252 100
253 24.2 18.5 27.7
125 13.8 13.4 20.0



#36
Benzo(k)fluoranthene
Concen: 0.35 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





#37

Benzo(a)pyrene

Concen: 0.33 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 :

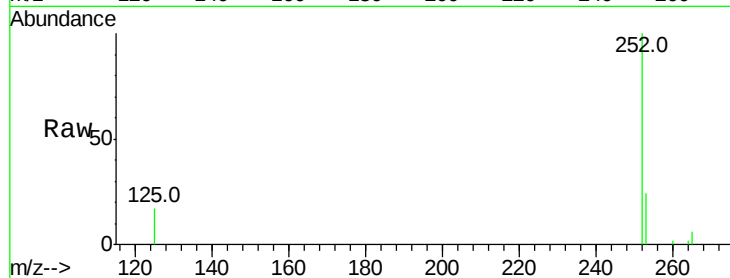
Tot Ion:252 Resp: 4281

Ion Ratio Lower Upper

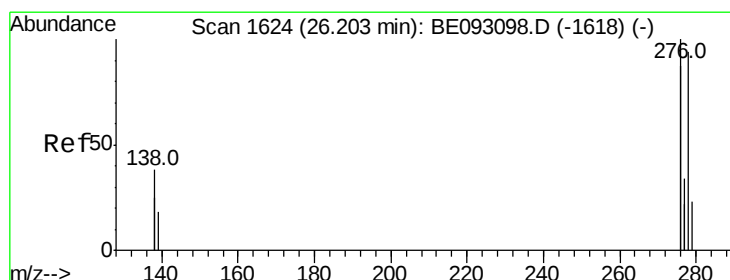
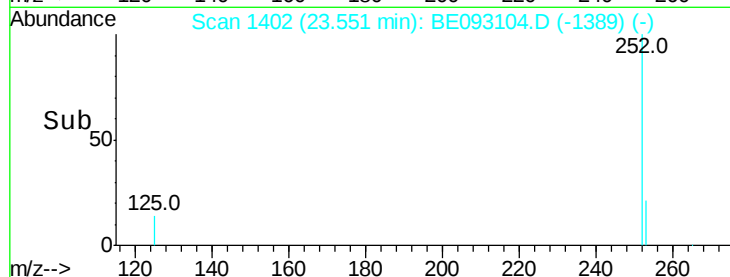
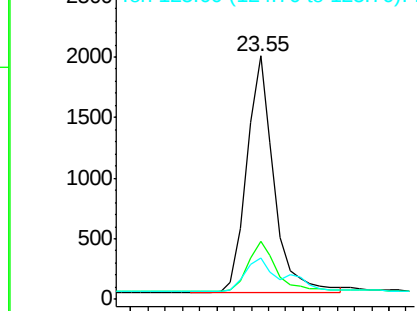
252 100

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: 0.34 ng

RT: 26.20 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

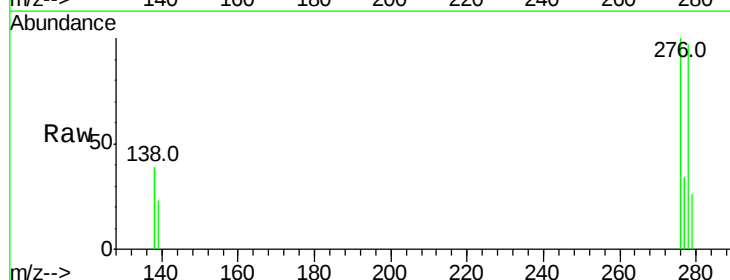
Tgt Ion:278 Resp: 4655

Ion Ratio Lower Upper

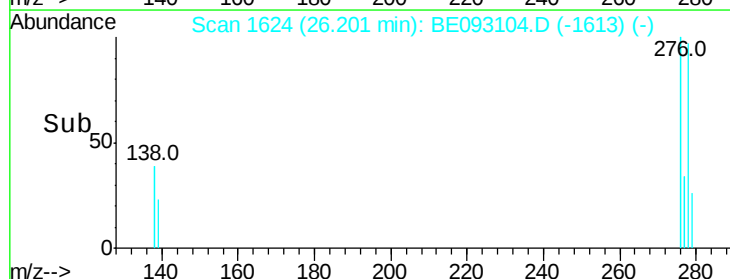
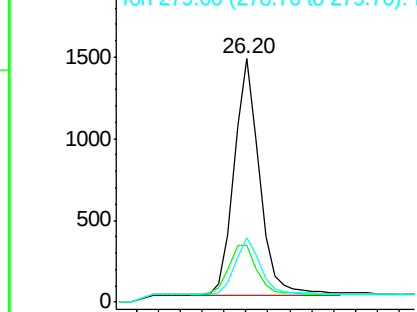
278 100

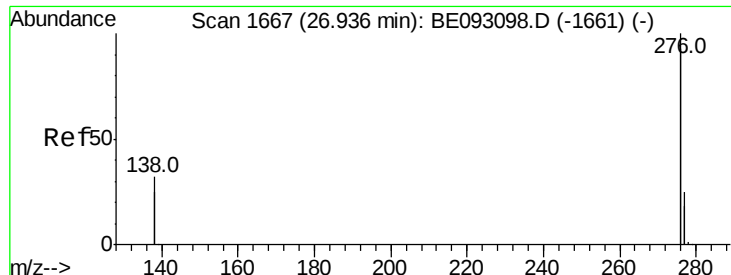
139 23.2 21.4 32.0

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(a,h,i)perylene

Concen: 0.34 ng

RT: 26.93 min Scan# 1667

Delta R.T. -0.00 min

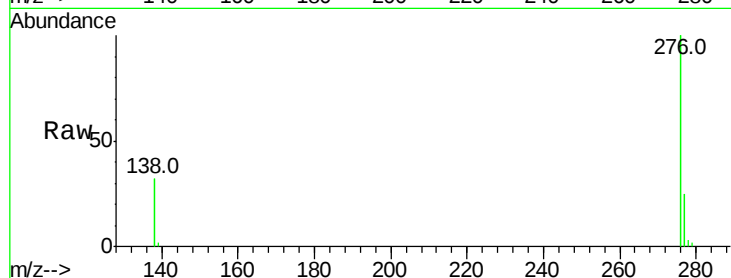
Lab File: BE093104.D

Acq: 12 Jun 2017 16:00

Instrument :

BNA_E

ClientSampleId :



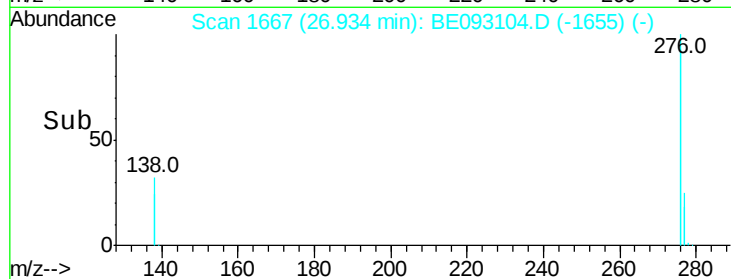
Tot Ion: 276 Resp: 18625

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

