

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
 Data File : BE093120.D
 Acq On : 13 Jun 2017 2:29
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 13 04:59:33 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	564	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	2803	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1564	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3164	0.40	ng	0.00
27) Chrysene-d12	21.27	240	4777	0.40	ng	0.00
34) Perylene-d12	23.67	264	4063	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	855	0.51	ng	0.00
5) Phenol-d6	6.90	99	1190	0.49	ng	0.00
8) Nitrobenzene-d5	8.88	82	1108	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1865	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	215	0.60	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	2720	0.41	ng	0.00
25) Fluoranthene-d10	19.11	212	4823	0.46	ng	0.00
29) Terphenyl-d14	19.72	244	3850	0.42	ng	0.00

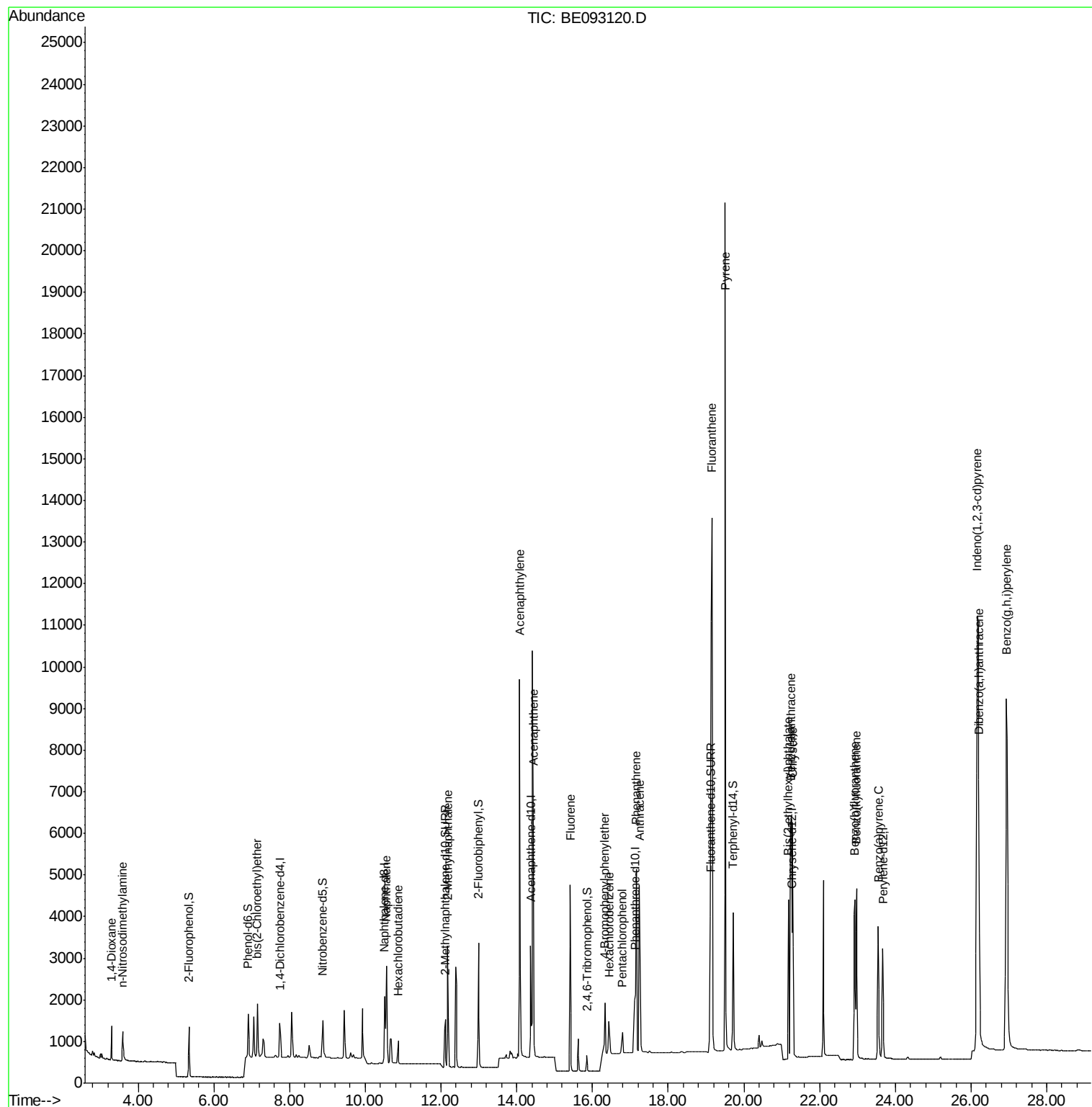
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	552	0.44	ng	98
3) n-Nitrosodimethylamine	3.59	42	502	0.47	ng	97
6) bis(2-Chloroethyl)ether	7.15	93	987	0.46	ng	# 100
9) Naphthalene	10.56	128	3257	0.43	ng	99
10) Hexachlorobutadiene	10.87	225	438	0.43	ng	99
12) 2-Methylnaphthalene	12.18	142	2075	0.44	ng	99
16) Acenaphthylene	14.08	152	11902	0.44	ng	99
17) Acenaphthene	14.44	154	2183	0.43	ng	95
18) Fluorene	15.41	166	2706	0.44	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	846	0.44	ng	# 80
21) Hexachlorobenzene	16.44	284	763	0.45	ng	# 100
22) Pentachlorophenol	16.79	266	423	0.77	ng	# 83
23) Phenanthrene	17.16	178	5897	0.41	ng	99
24) Anthracene	17.25	178	5465	0.45	ng	100
26) Fluoranthene	19.16	202	23009	0.44	ng	# 100
28) Pyrene	19.51	202	25970	0.45	ng	# 98
30) Benzo(a)anthracene	21.23	228	5843	0.45	ng	# 86
31) Chrysene	21.28	228	5843	0.42	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.18	149	3828	0.72	ng	95
33) Indeno(1,2,3-cd)pyrene	26.17	276	21894	0.43	ng	100
35) Benzo(b)fluoranthene	22.93	252	5897	0.45	ng	95
36) Benzo(k)fluoranthene	22.97	252	5084	0.40	ng	99
37) Benzo(a)pyrene	23.55	252	5029	0.45	ng	99
38) Dibenzo(a,h)anthracene	26.20	278	4822	0.41	ng	95
39) Benzo(g,h,i)perylene	26.94	276	19875	0.42	ng	98

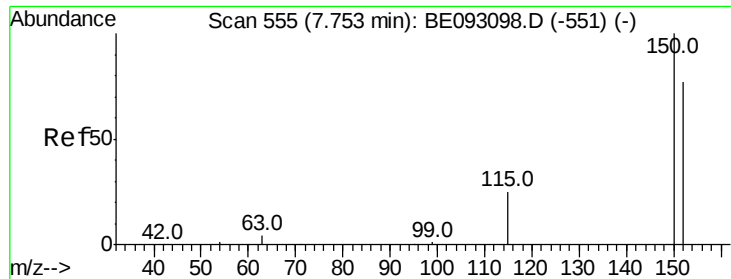
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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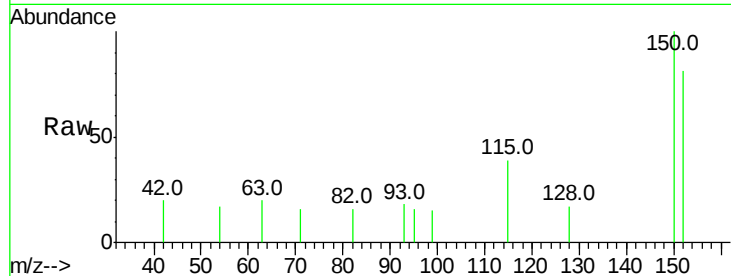


#1

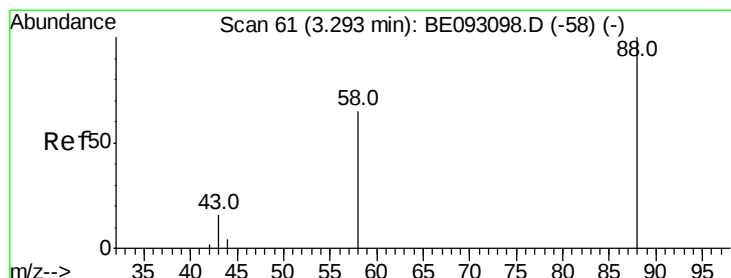
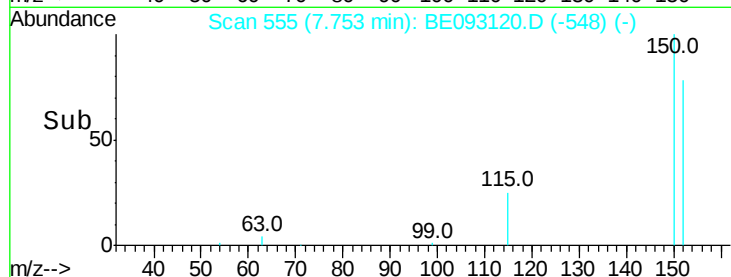
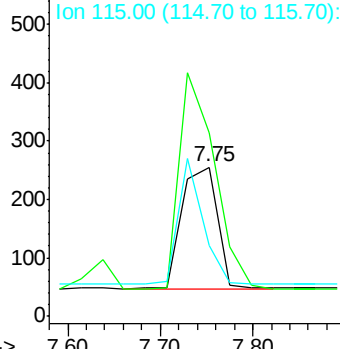
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 564
Ion Ratio Lower Upper
152 100
150 123.1 125.1 187.7#
115 47.8 55.7 83.5#



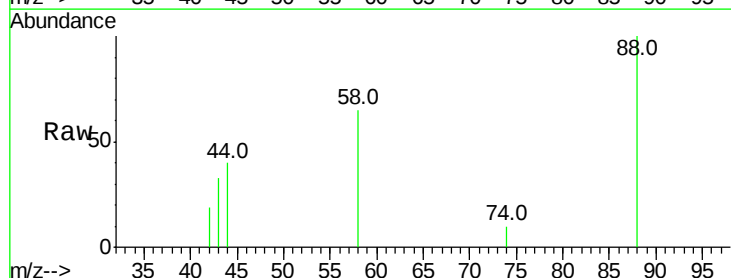
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



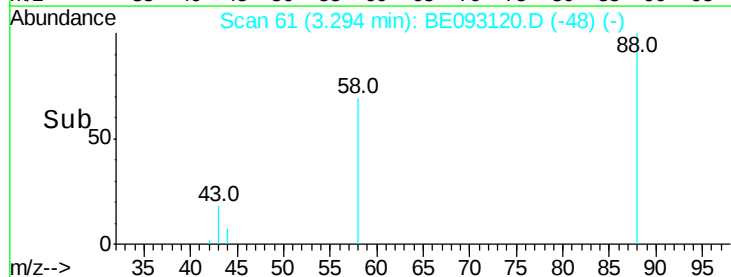
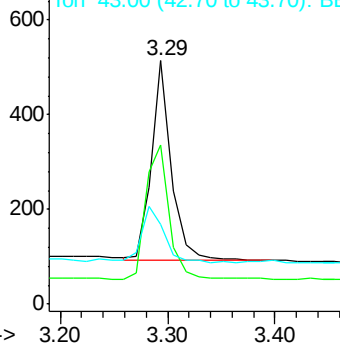
#2

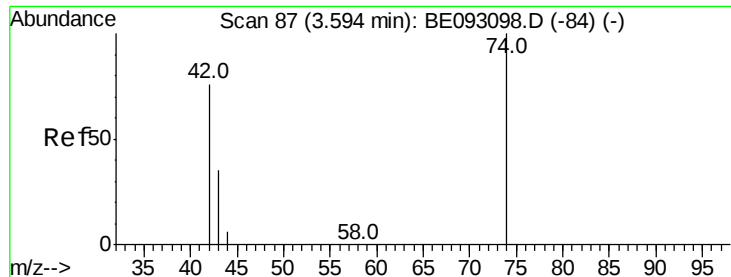
1,4-Dioxane
Concen: 0.44 ng
RT: 3.29 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Tgt Ion: 88 Resp: 552
Ion Ratio Lower Upper
88 100
58 77.7 62.2 93.4
43 33.5 23.2 34.8



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: 0.47 ng

RT: 3.59 min Scan# 87

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

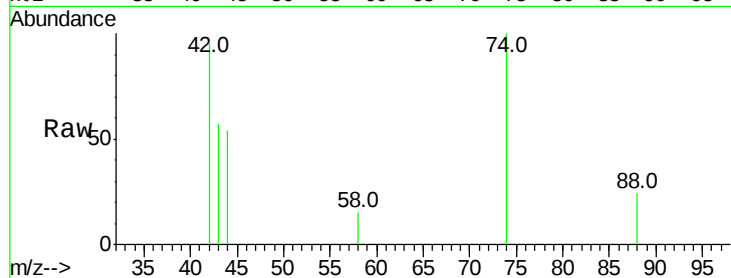
Tot Ion: 42 Resp: 502

Ion Ratio Lower Upper

42 100

74 127.5 99.1 148.7

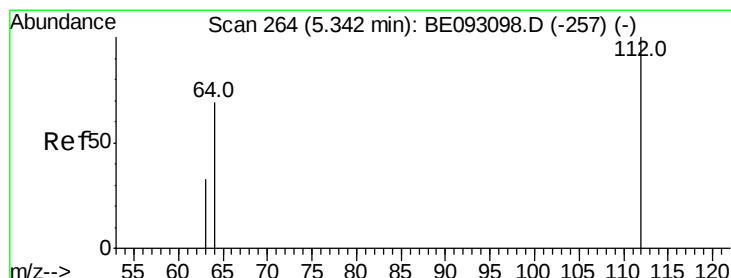
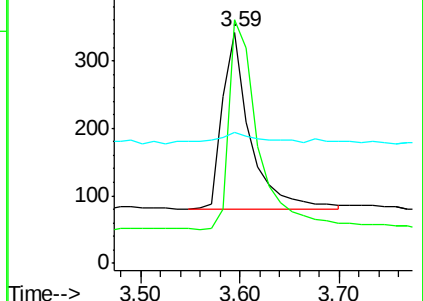
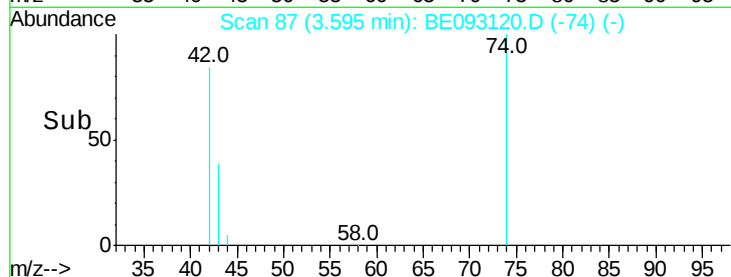
44 10.6 7.4 11.2



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: 0.51 ng

RT: 5.34 min Scan# 264

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

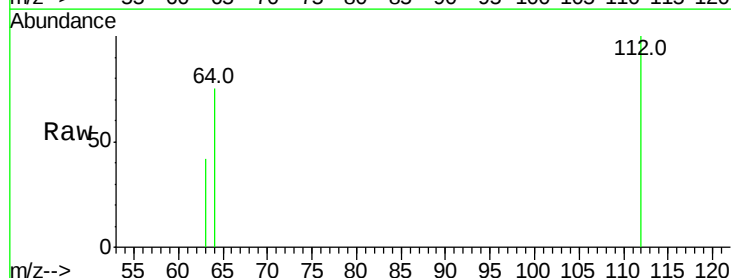
Tgt Ion: 112 Resp: 855

Ion Ratio Lower Upper

112 100

64 73.5 56.4 84.6

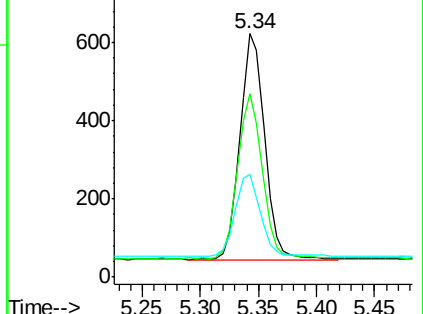
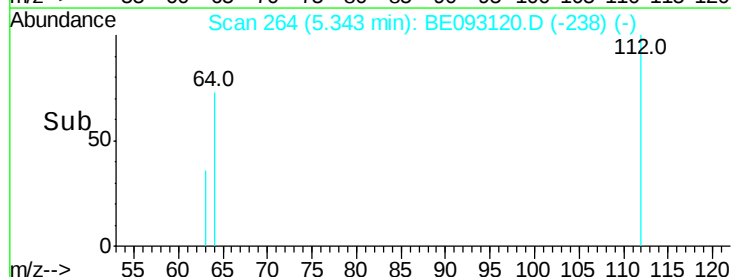
63 37.2 29.3 43.9

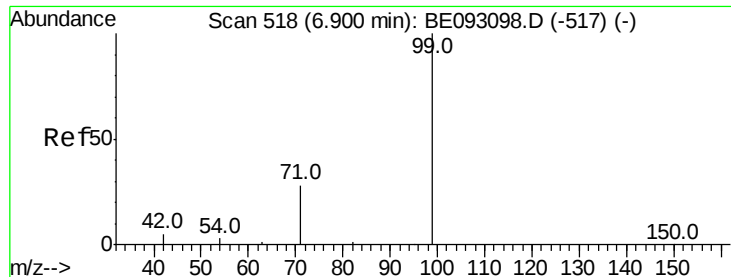


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.49 ng

RT: 6.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampled :

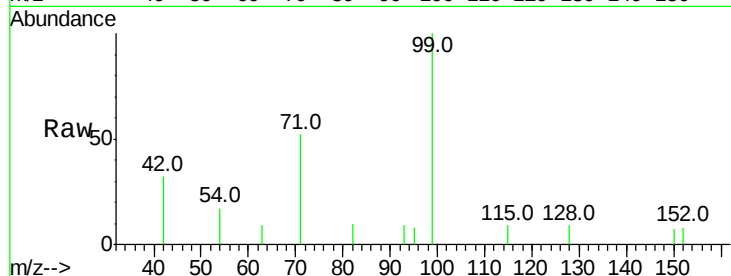
Tot Ion: 99 Resp: 1190

Ion Ratio Lower Upper

99 100

42 23.2 0.0 0.0#

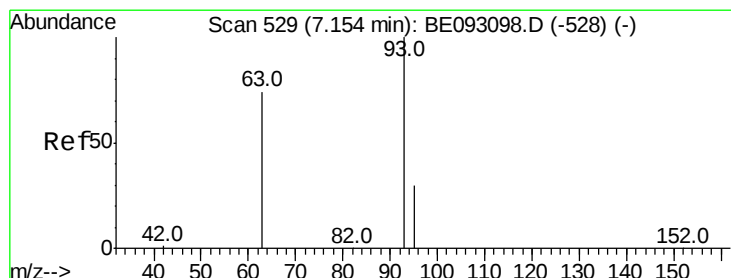
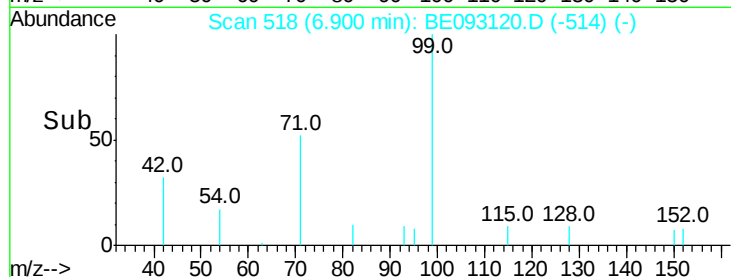
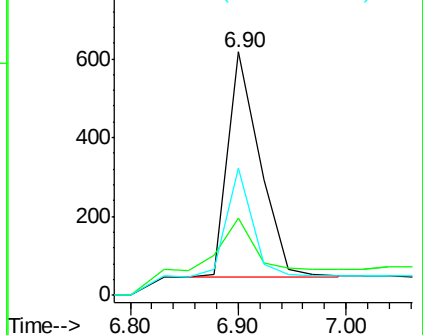
71 38.9 0.0 0.0#



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: 0.46 ng

RT: 7.15 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

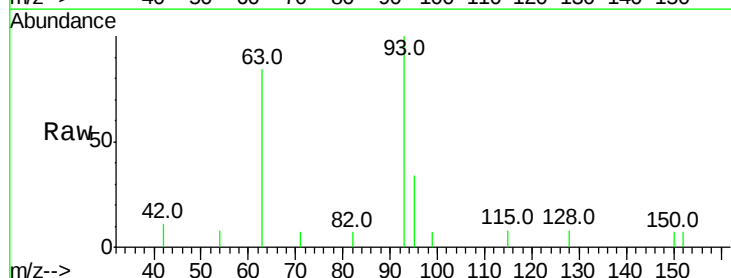
Tgt Ion: 93 Resp: 987

Ion Ratio Lower Upper

93 100

63 87.2 0.0 0.0#

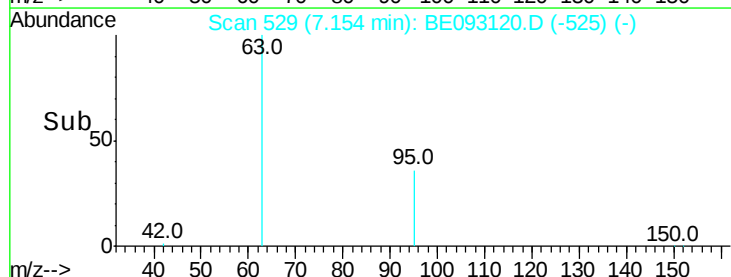
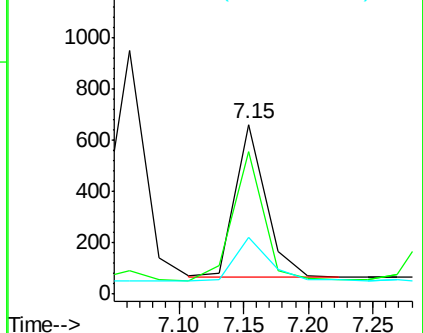
95 31.8 25.4 38.0

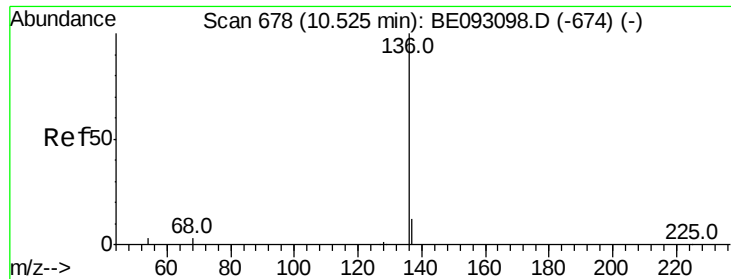


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2803

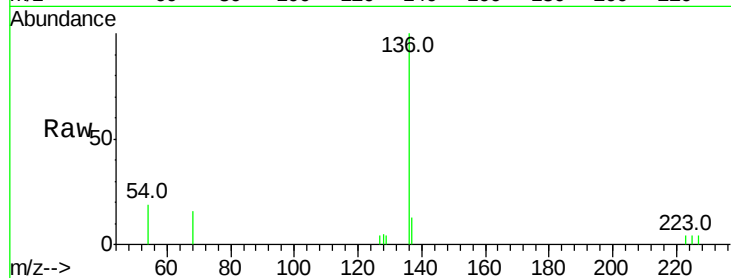
Ion Ratio Lower Upper

136 100

137 12.8 9.8 14.8

54 19.4 10.3 15.5#

68 15.7 9.0 13.4#

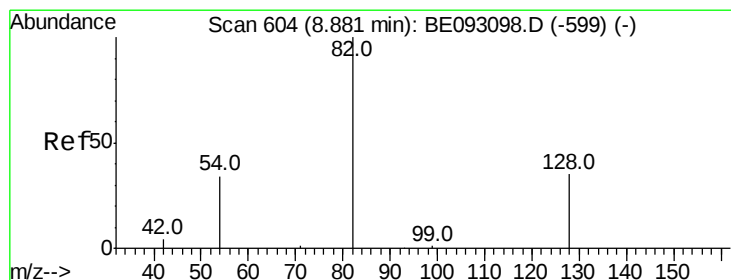
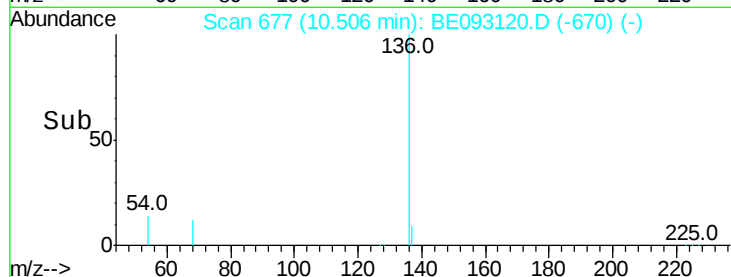
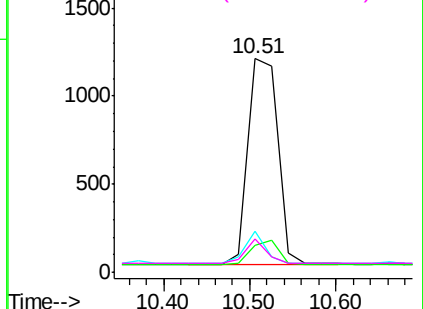


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.50 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

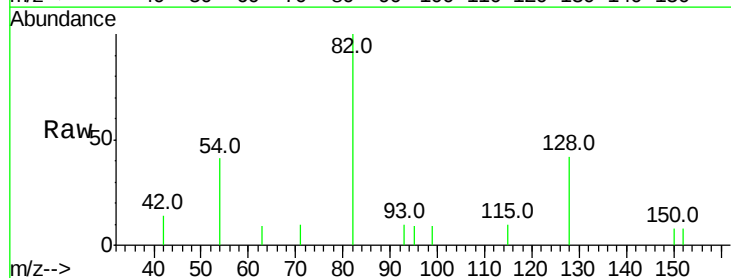
Tgt Ion: 82 Resp: 1108

Ion Ratio Lower Upper

82 100

128 42.3 17.0 25.4#

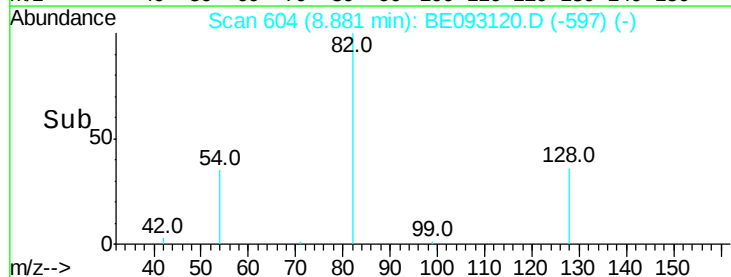
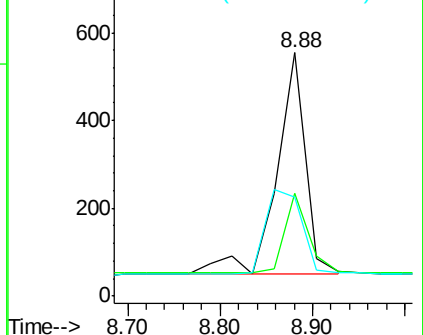
54 40.7 53.8 80.6#

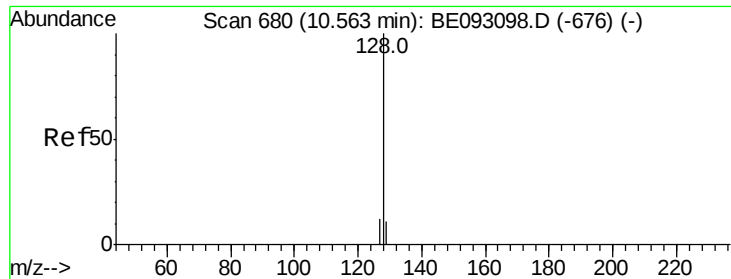


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.43 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampled :

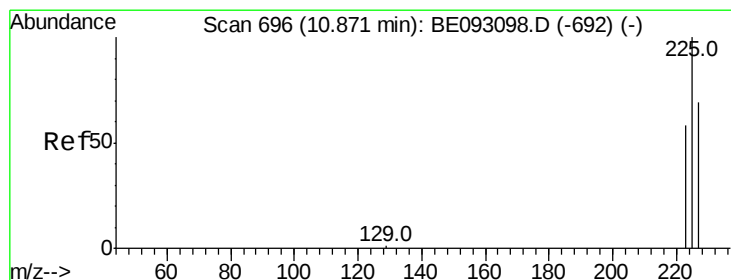
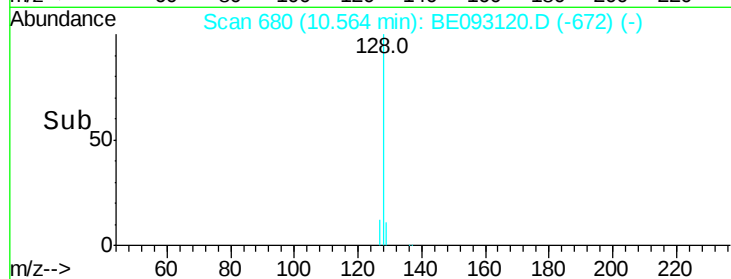
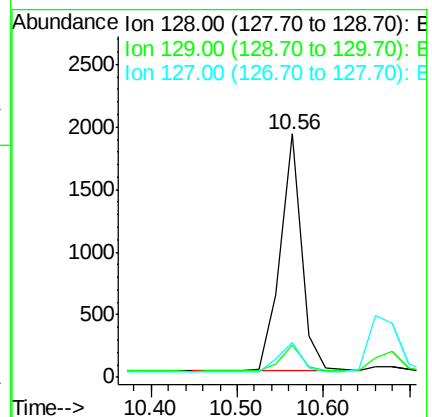
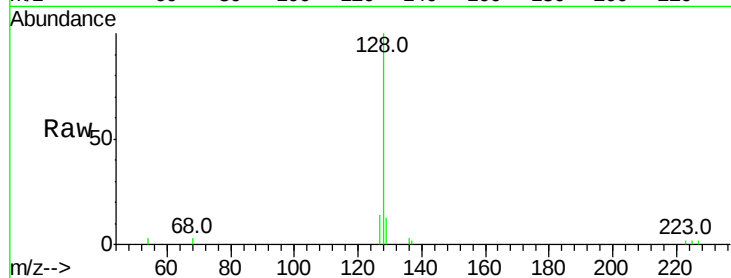
Tot Ion:128 Resp: 3257

Ion Ratio Lower Upper

128 100

129 13.3 11.4 17.0

127 14.2 11.2 16.8



#10

Hexachlorobutadiene

Concen: 0.43 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

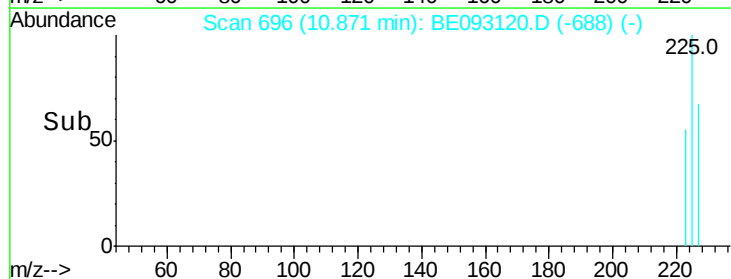
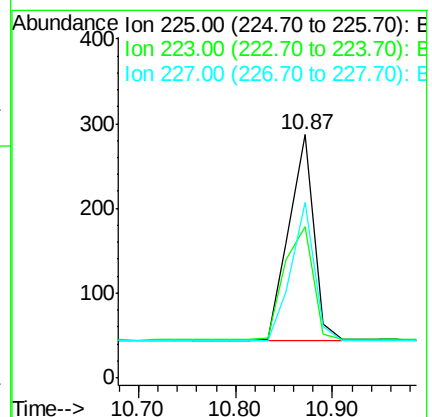
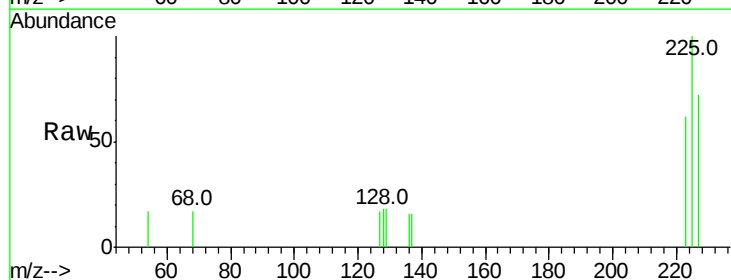
Tgt Ion:225 Resp: 438

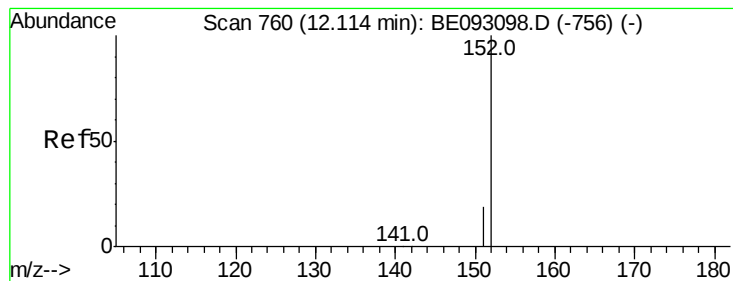
Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

227 62.3 50.3 75.5





#11

2-Methylnaphthalene-d10

Concen: 0.44 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

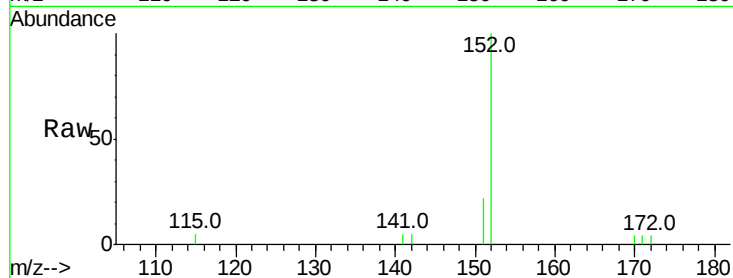
ClientSampleId :

Tot Ion:152 Resp: 1865

Ion Ratio Lower Upper

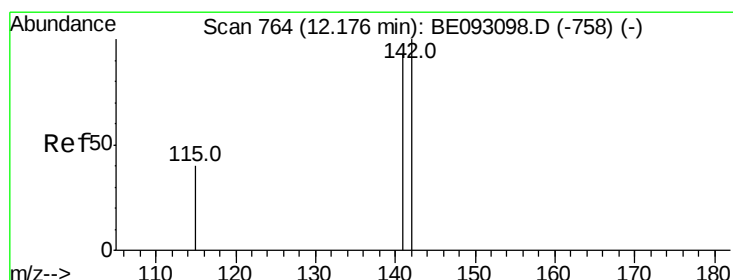
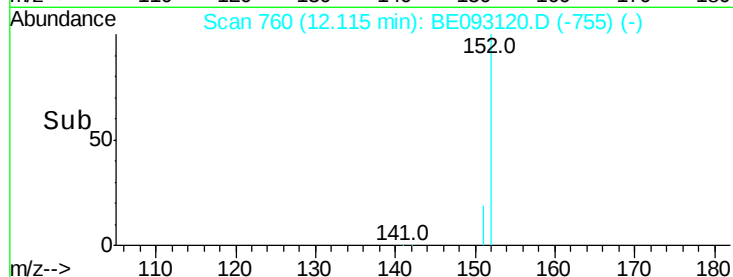
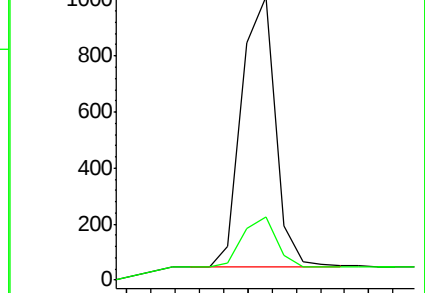
152 100

151 19.0 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: 0.44 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

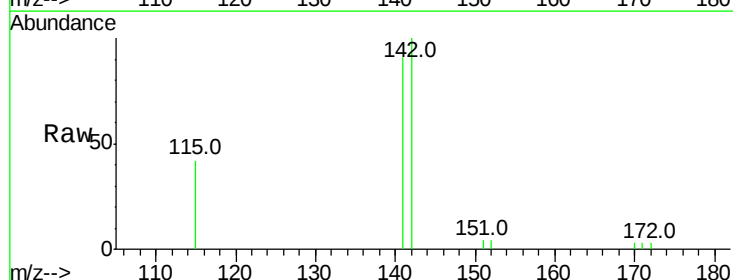
Tgt Ion:142 Resp: 2075

Ion Ratio Lower Upper

142 100

141 91.0 72.6 108.8

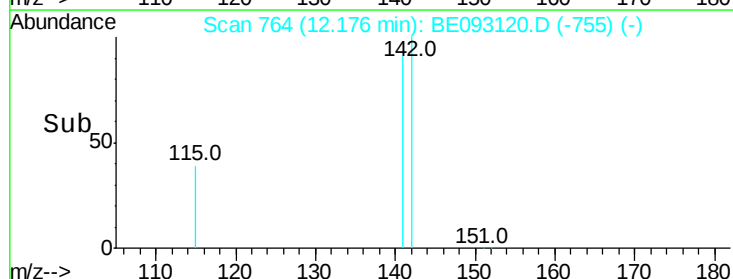
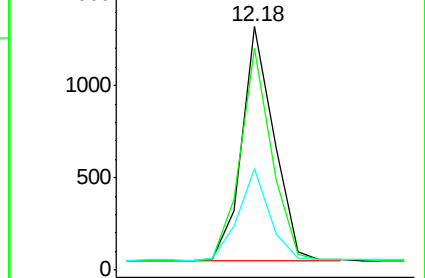
115 41.7 32.2 48.2

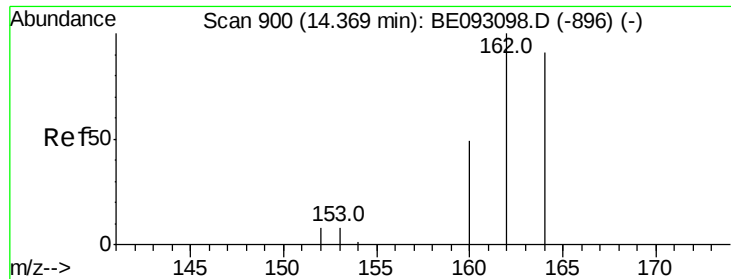


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

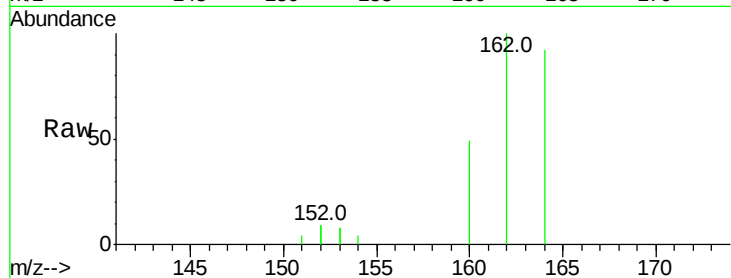
Tot Ion:164 Resp: 1564

Ion Ratio Lower Upper

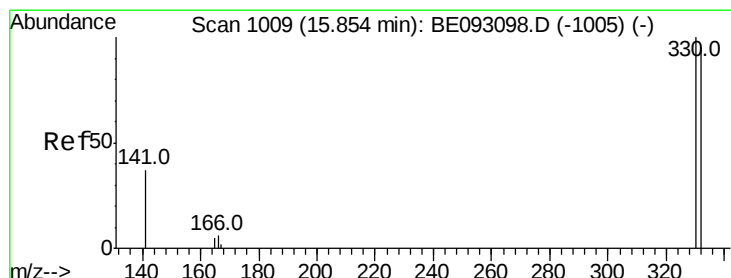
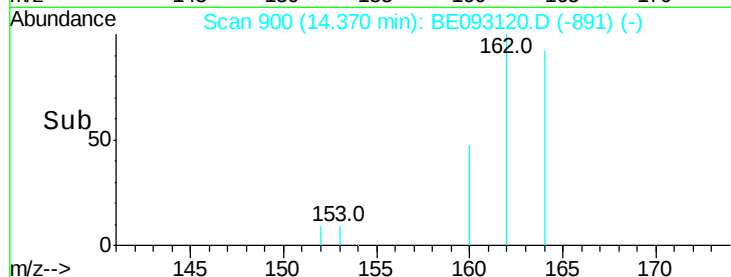
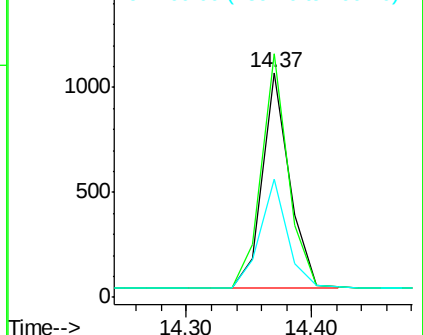
164 100

162 108.3 84.6 127.0

160 52.8 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: 0.60 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

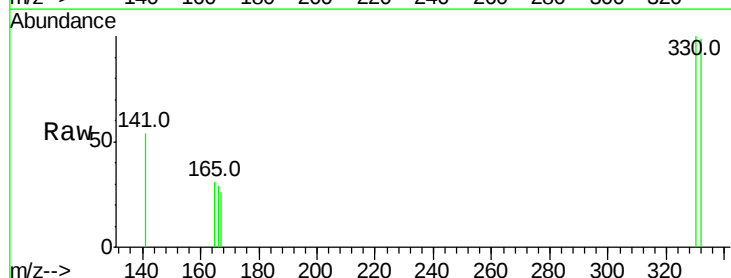
Tgt Ion:330 Resp: 215

Ion Ratio Lower Upper

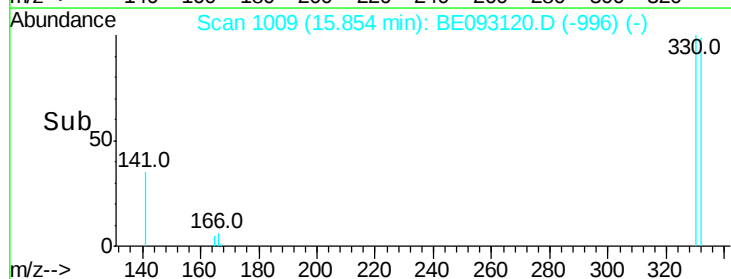
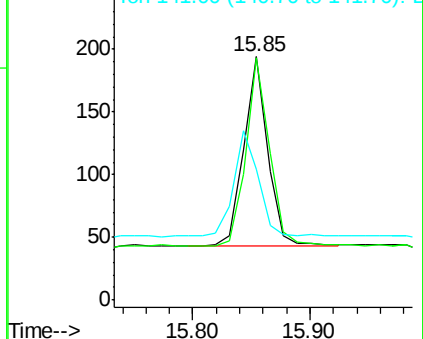
330 100

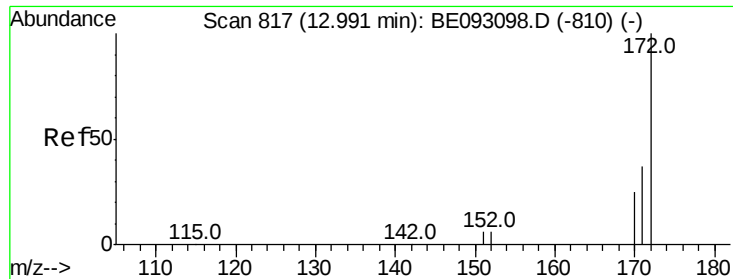
332 98.1 77.7 116.5

141 60.0 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

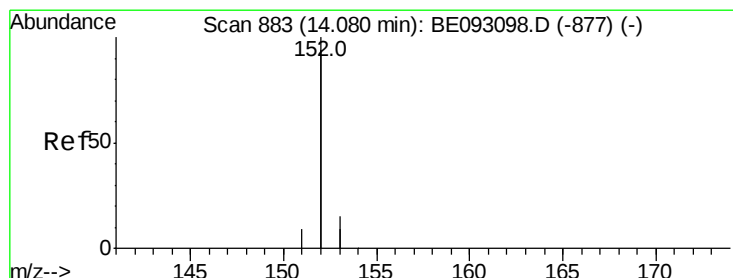
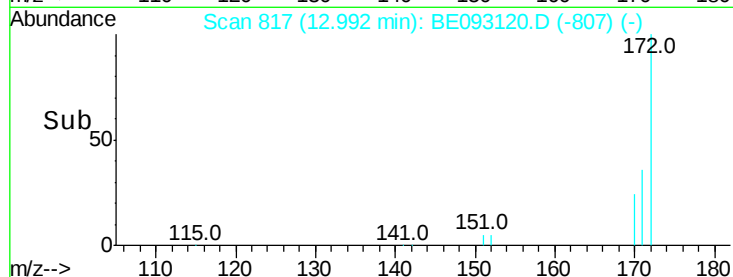
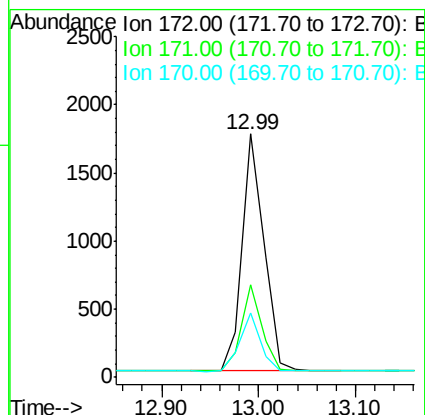
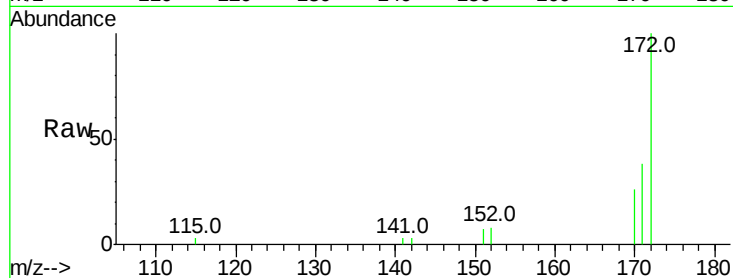




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

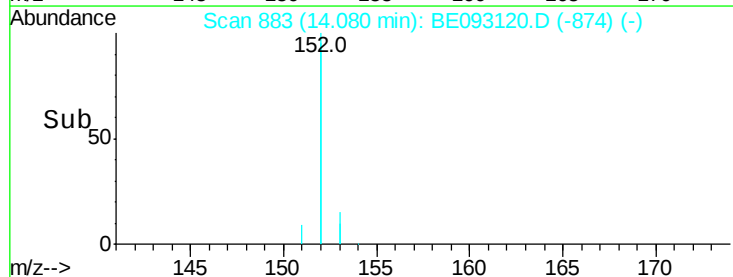
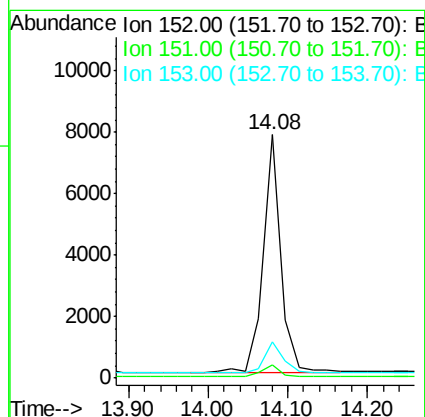
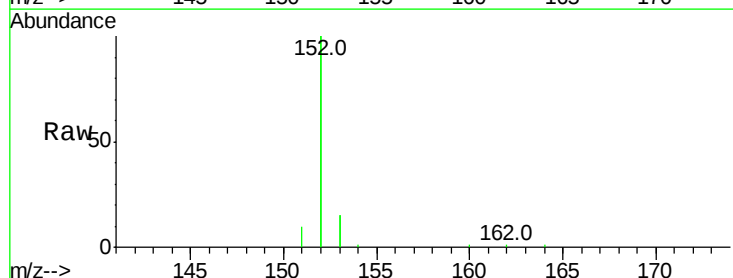
Instrument :
BNA_E
ClientSampleId :

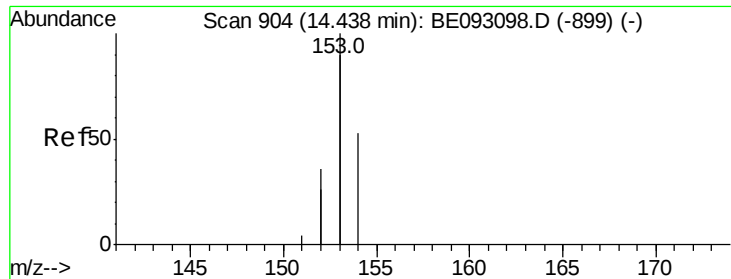
Tot Ion:172 Resp: 2720
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 26.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.44 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Tgt Ion:152 Resp: 11902
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.5 10.3 15.5

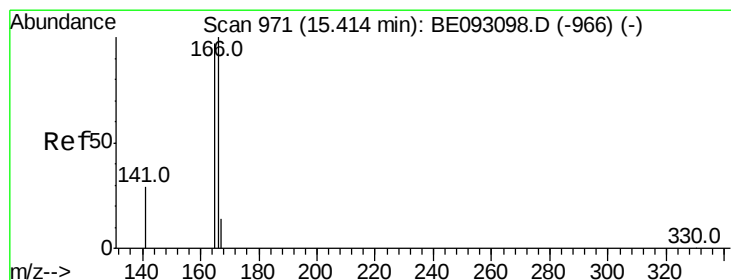
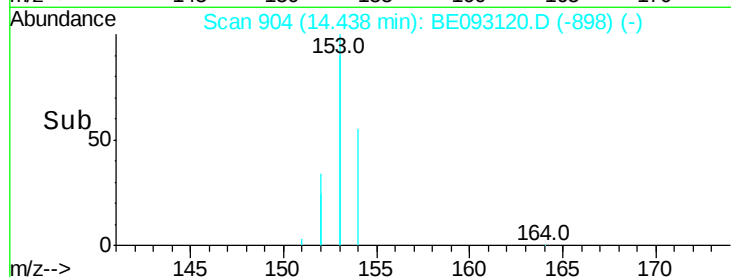
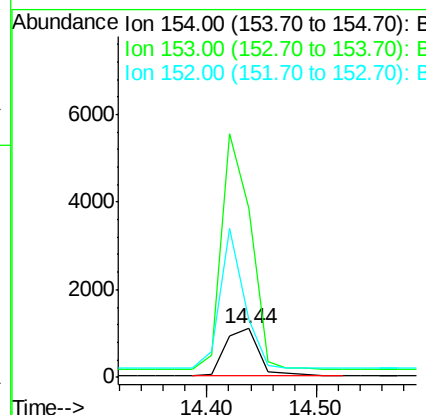
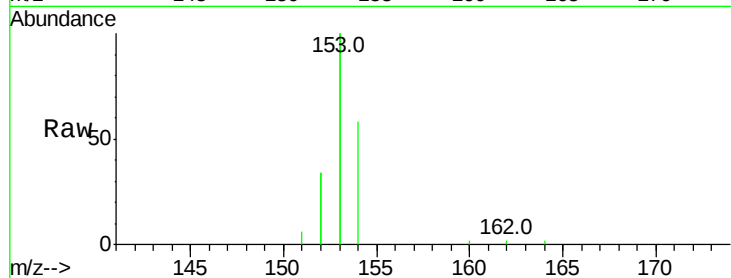




#17
Acenaphthene
Concen: 0.43 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

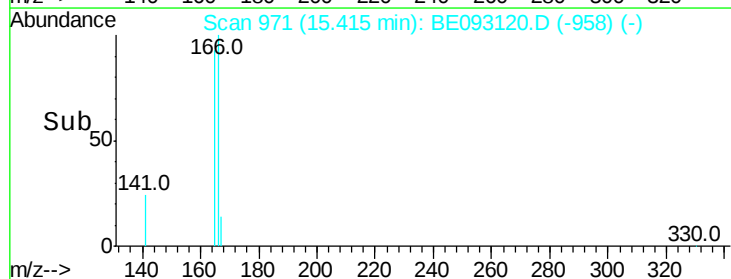
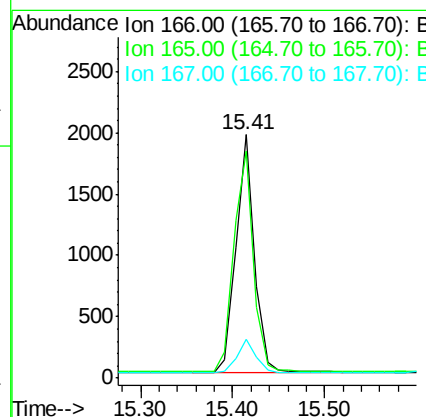
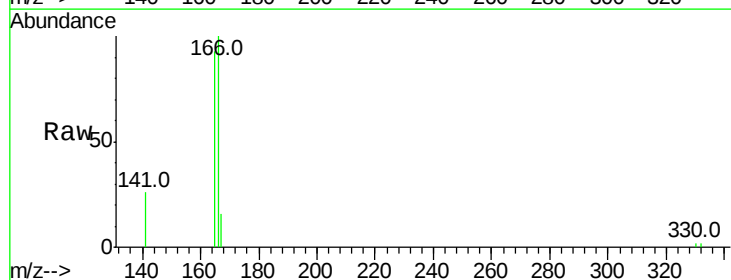
Instrument :
BNA_E
ClientSampleId :

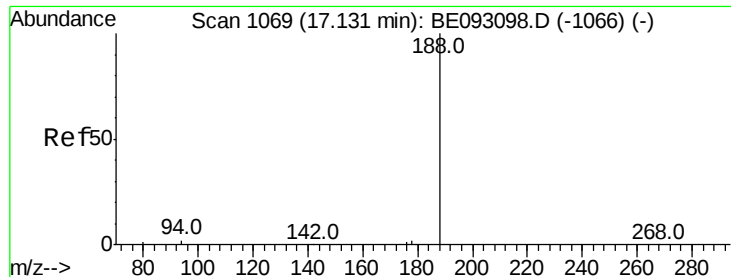
Tot Ion:154 Resp: 2183
Ion Ratio Lower Upper
154 100
153 447.4 367.8 551.6
152 225.0 188.2 282.2



#18
Fluorene
Concen: 0.44 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Tgt Ion:166 Resp: 2706
Ion Ratio Lower Upper
166 100
165 98.5 78.6 117.8
167 14.0 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: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

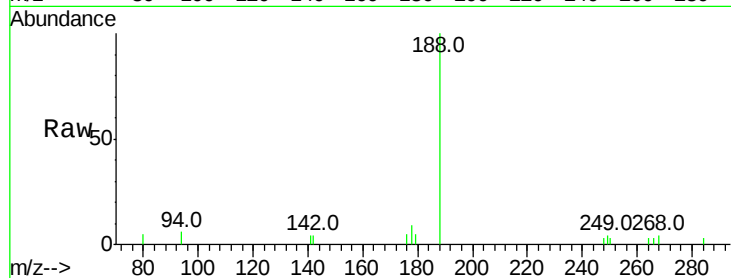
Tot Ion:188 Resp: 3164

Ion Ratio Lower Upper

188 100

94 5.5 11.3 16.9#

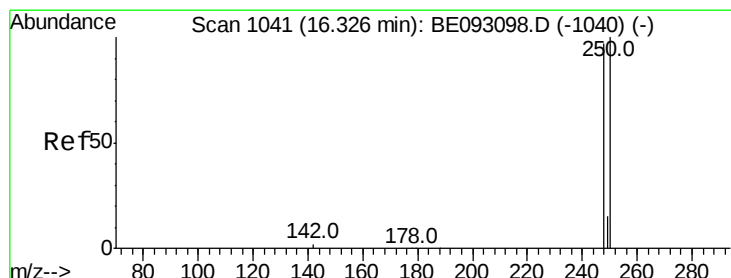
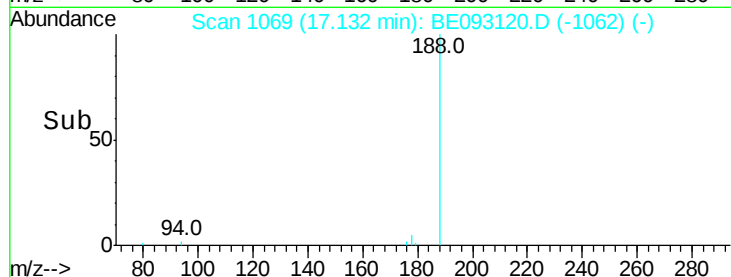
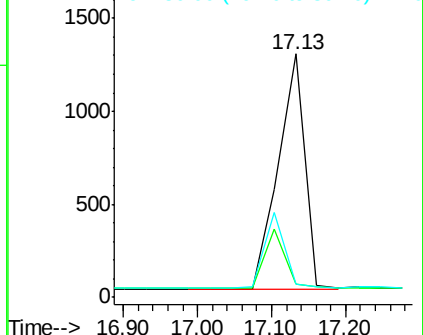
80 5.2 11.7 17.5#



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: 0.44 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

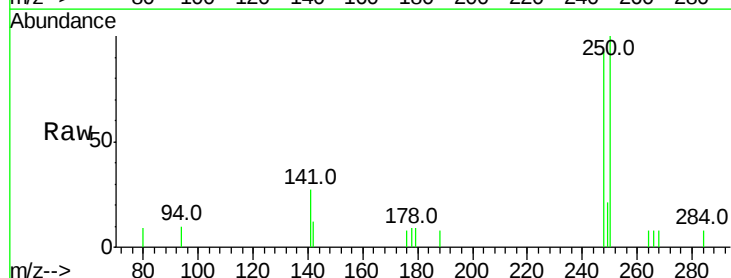
Tgt Ion:248 Resp: 846

Ion Ratio Lower Upper

248 100

250 107.3 100.0 150.0

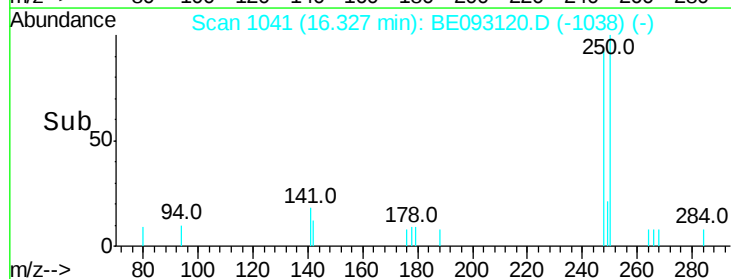
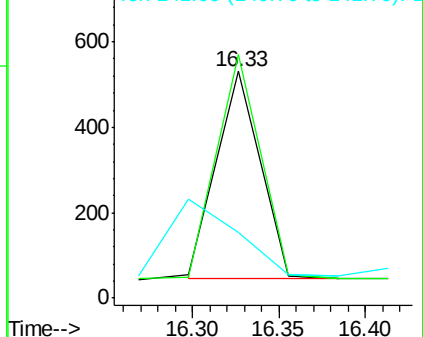
141 28.8 40.0 60.0#

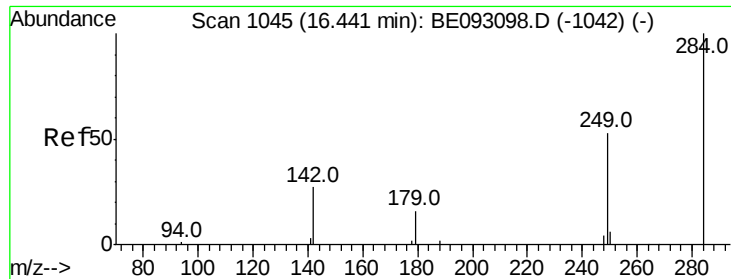


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

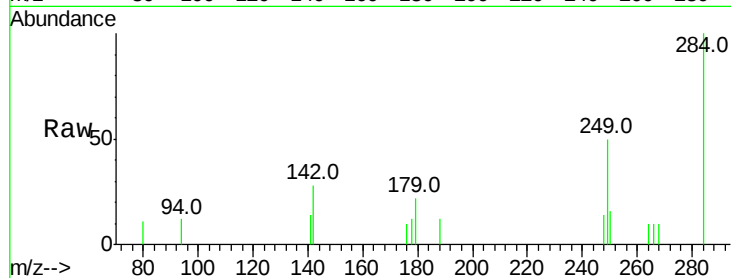




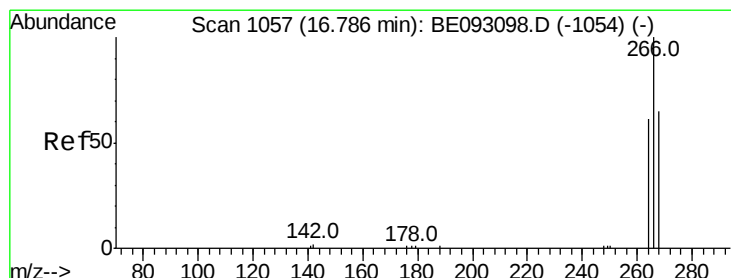
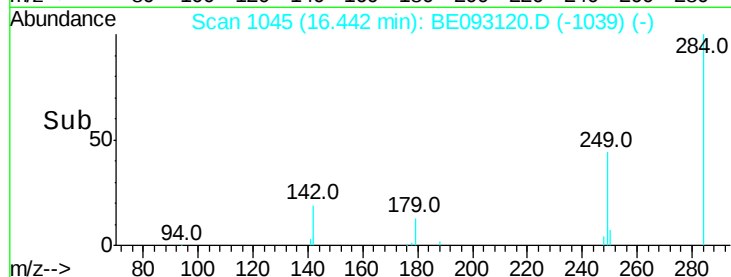
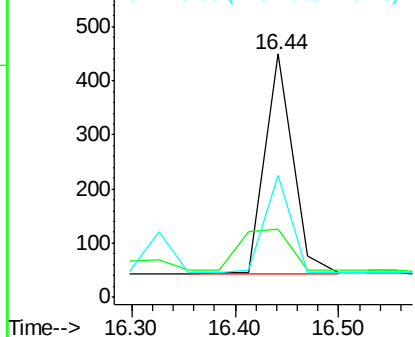
#21
Hexachlorobenzene
Concen: 0.45 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 763
Ion Ratio Lower Upper
284 100
142 33.9 0.0 0.0#
249 41.4 0.0 0.0#

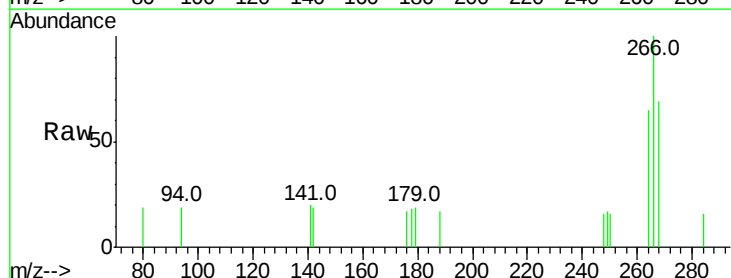


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

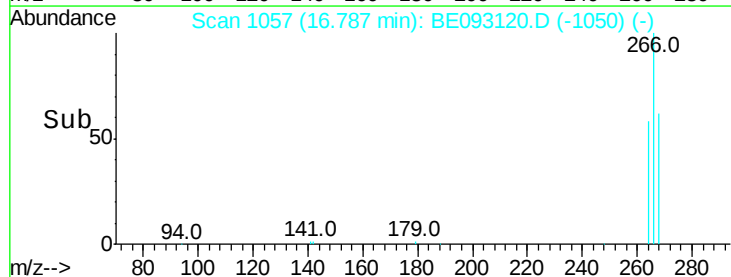
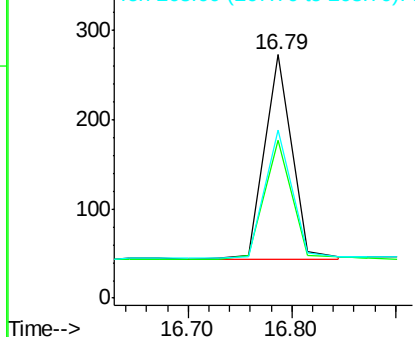


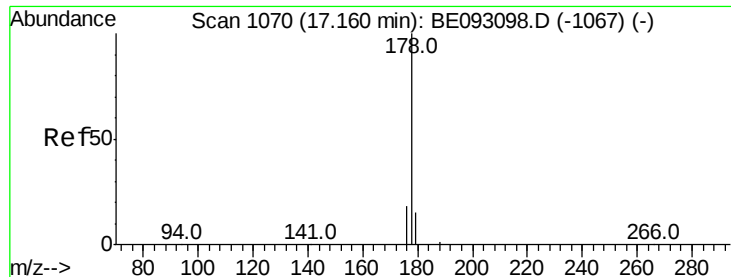
#22
Pentachlorophenol
Concen: 0.77 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Tgt Ion:266 Resp: 423
Ion Ratio Lower Upper
266 100
264 64.8 58.2 87.2
268 68.9 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: 0.41 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

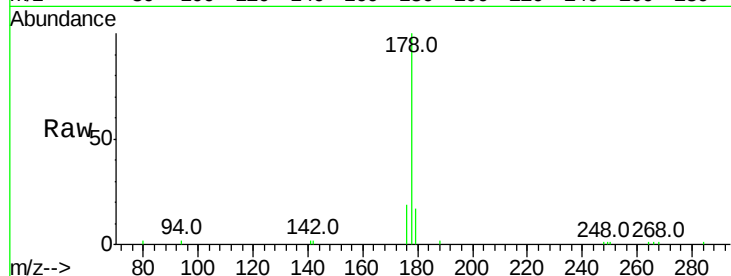
Tot Ion:178 Resp: 5897

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

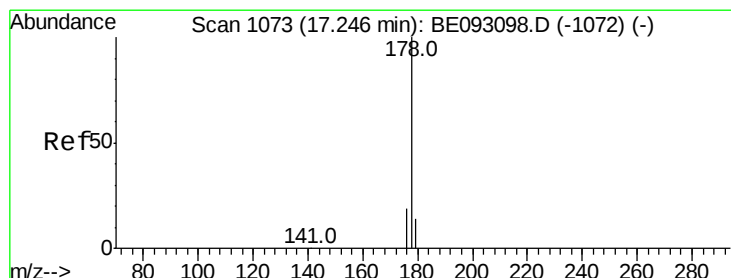
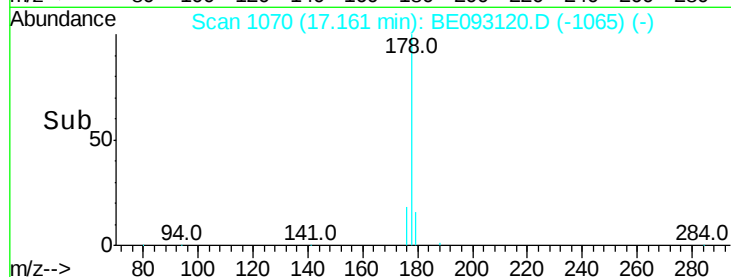
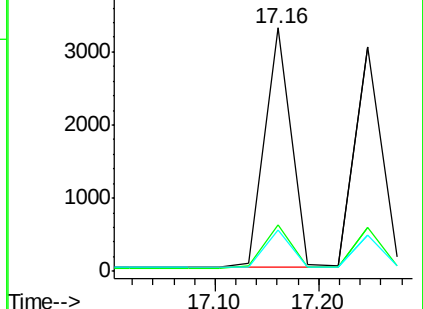
179 15.8 12.7 19.1



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: 0.45 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

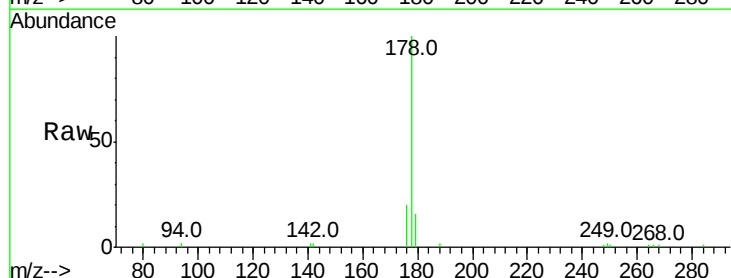
Tgt Ion:178 Resp: 5465

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

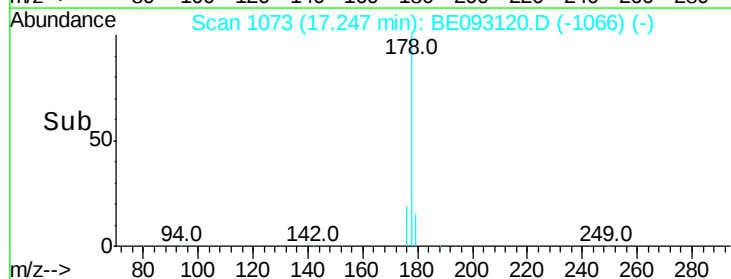
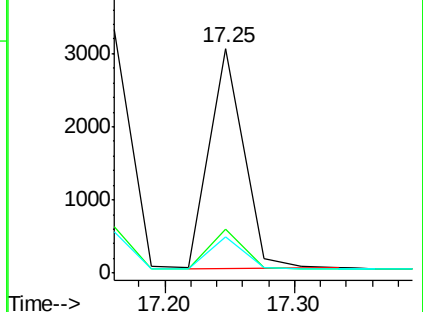
179 14.9 12.0 18.0

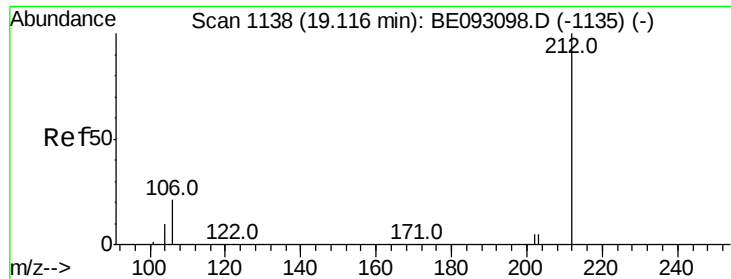


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

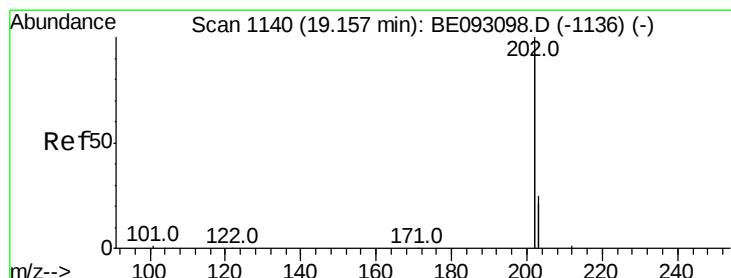
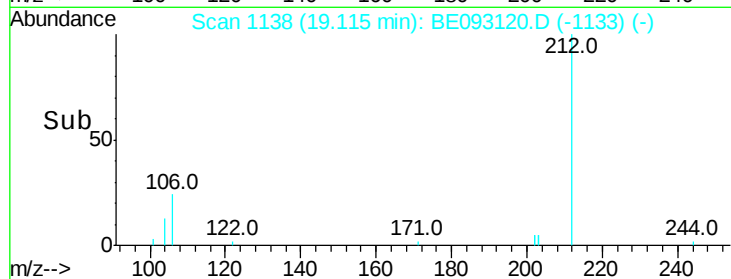
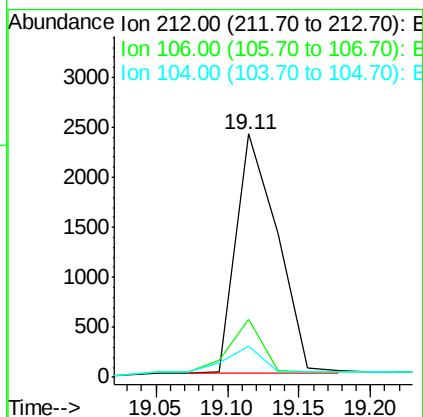
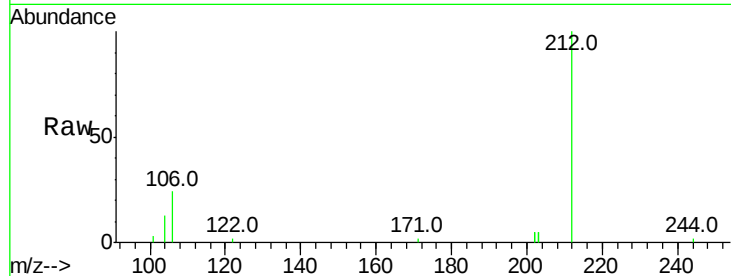




#25
 Fluoranthene-d10
 Concen: 0.46 ng
 RT: 19.11 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BE093120.D
 Acq: 13 Jun 2017 2:29

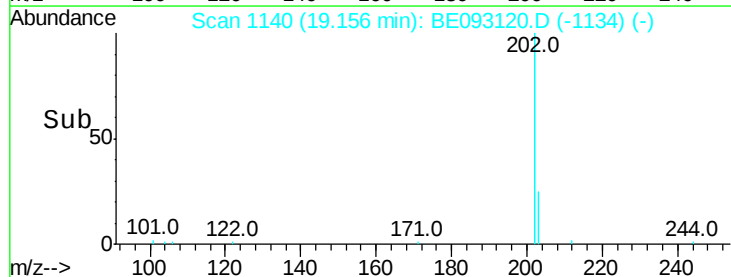
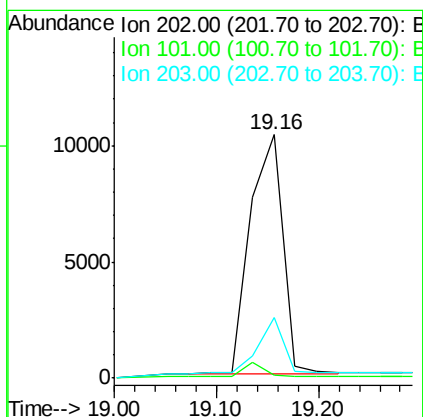
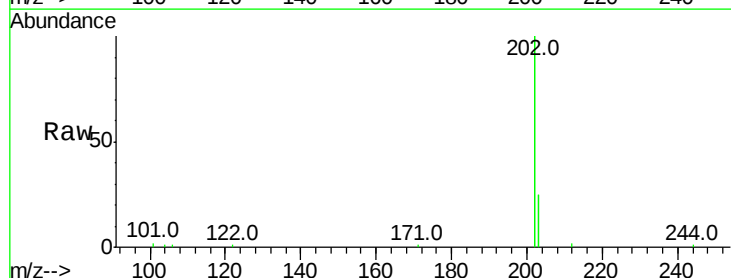
Instrument :
 BNA_E
 ClientSampleId :

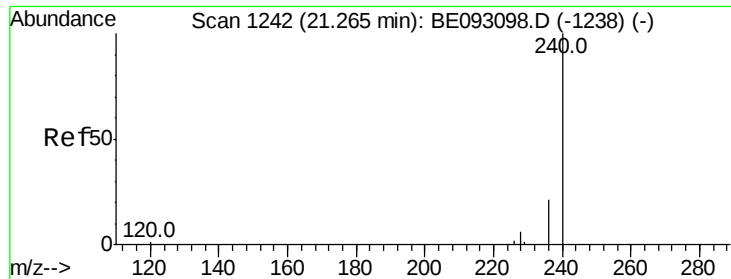
Tot Ion:212 Resp: 4823
 Ion Ratio Lower Upper
 212 100
 106 17.5 0.0 0.0#
 104 9.3 0.0 0.0#



#26
 Fluoranthene
 Concen: 0.44 ng
 RT: 19.16 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BE093120.D
 Acq: 13 Jun 2017 2:29

Tgt Ion:202 Resp: 23009
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 0.0
 203 18.0 14.4 21.6

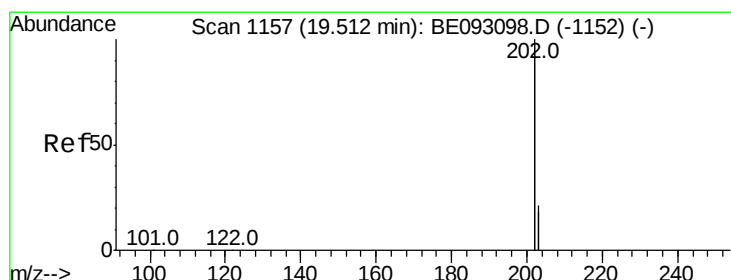
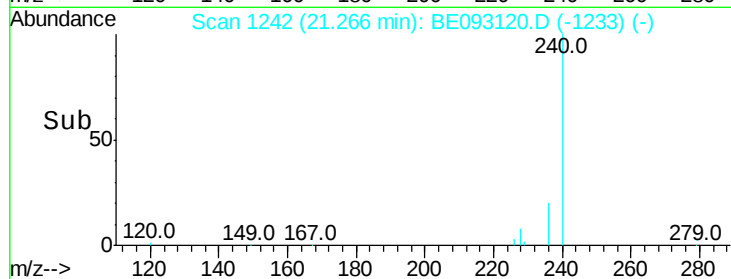
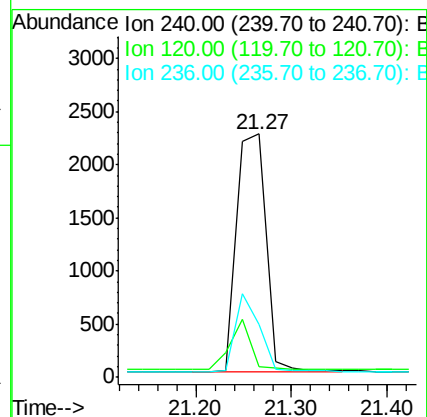
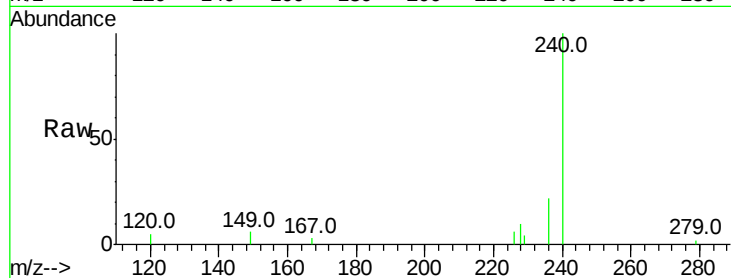




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

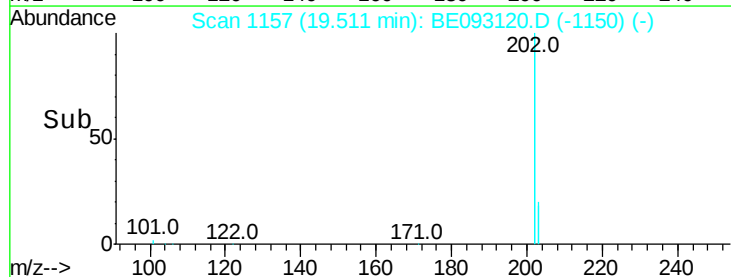
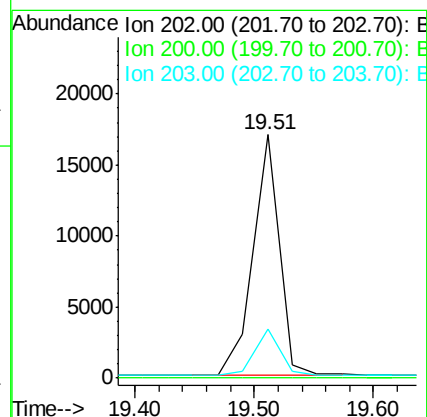
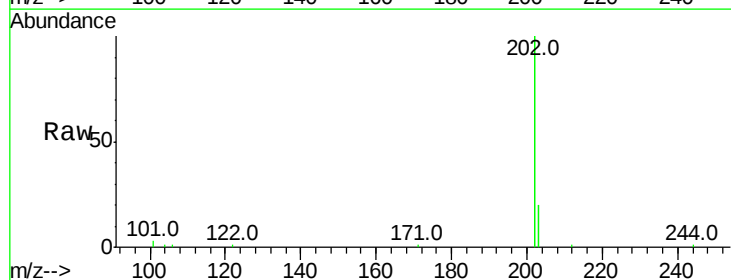
Instrument :
BNA_E
ClientSampleId :

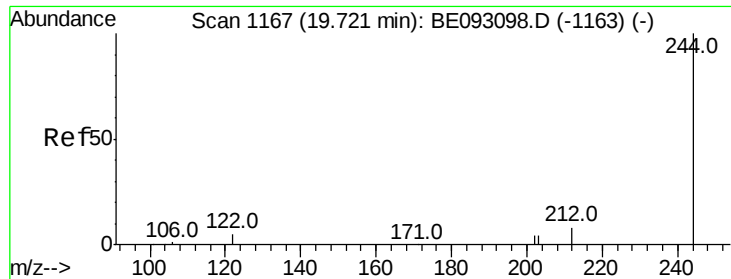
Tot Ion:240 Resp: 4777
Ion Ratio Lower Upper
240 100
120 4.5 4.6 7.0#
236 21.9 20.8 31.2



#28
Pyrene
Concen: 0.45 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Tgt Ion:202 Resp: 25970
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 18.1 13.7 20.5





#29

Terphenyl-d14

Concen: 0.42 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

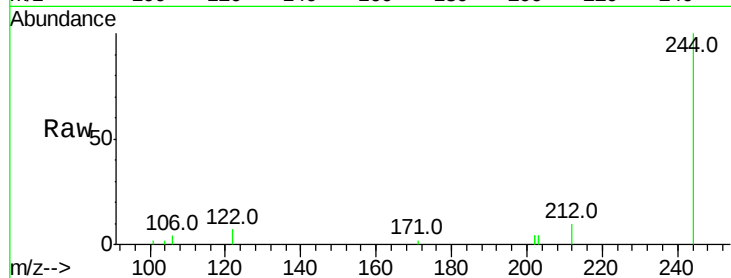
Tot Ion:244 Resp: 3850

Ion Ratio Lower Upper

244 100

212 10.3 10.6 16.0#

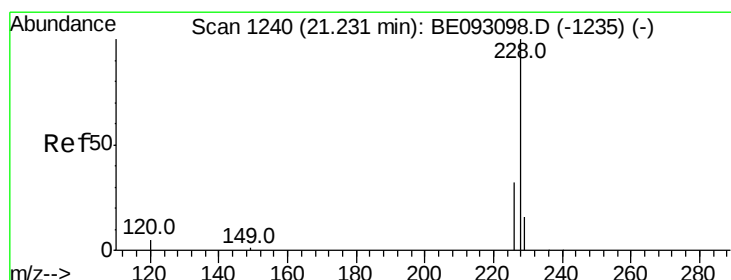
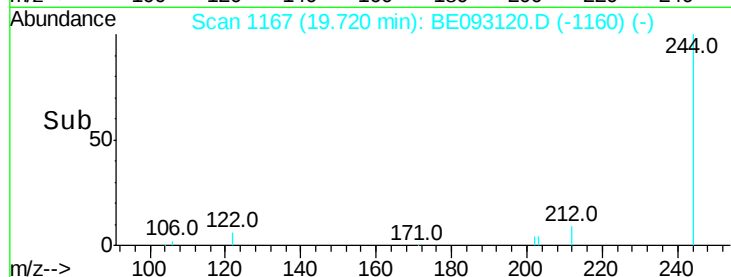
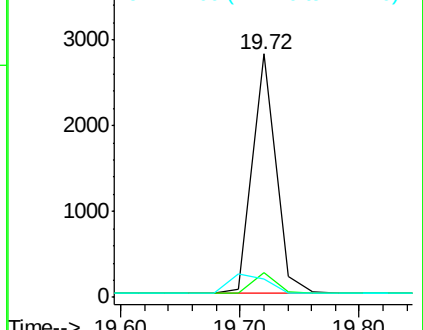
122 7.4 15.4 23.0#



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: 0.45 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

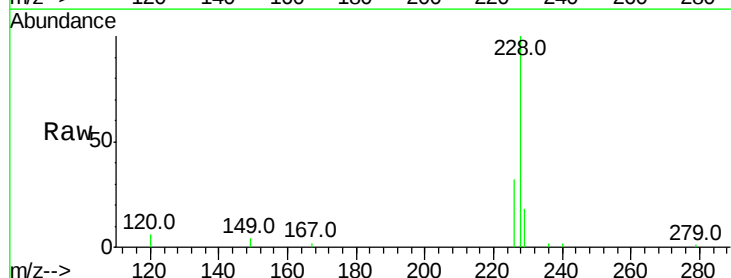
Tgt Ion:228 Resp: 5843

Ion Ratio Lower Upper

228 100

226 32.0 19.7 29.5#

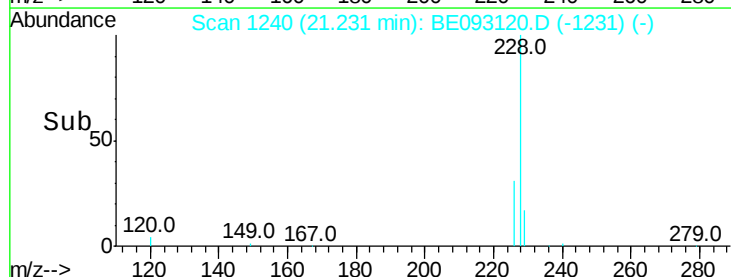
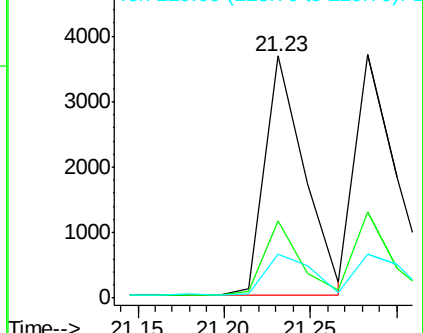
229 18.0 19.2 28.8#

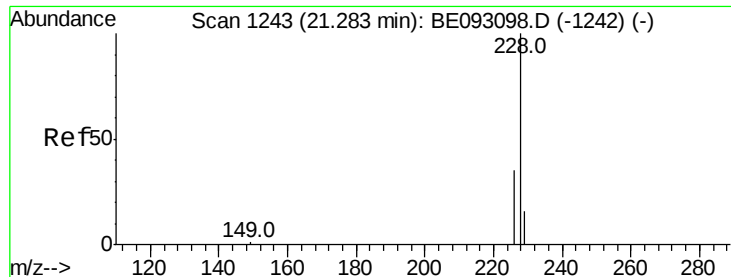


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.42 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

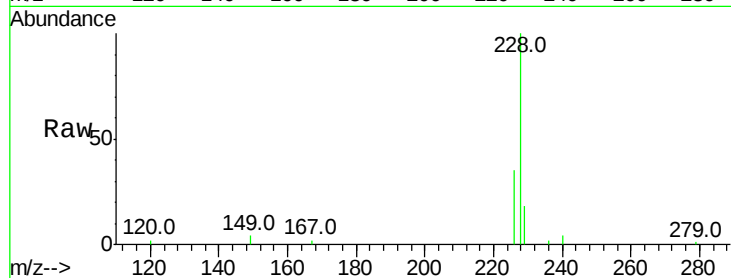
Tot Ion:228 Resp: 5843

Ion Ratio Lower Upper

228 100

226 35.3 21.5 32.3#

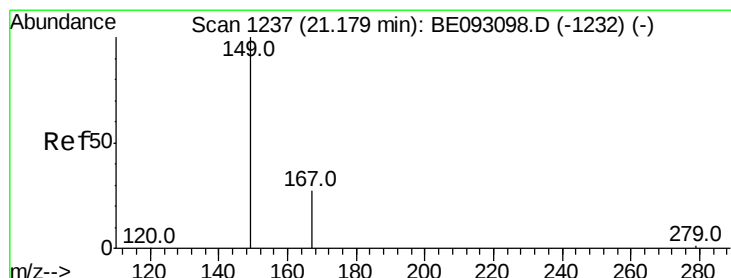
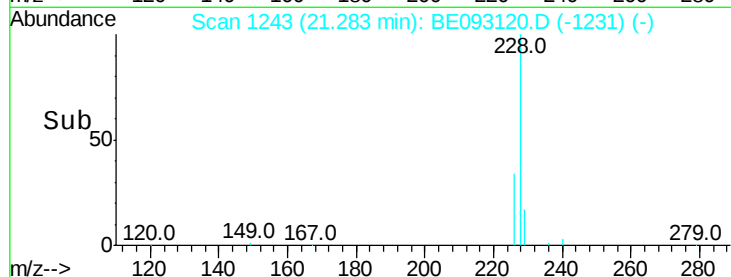
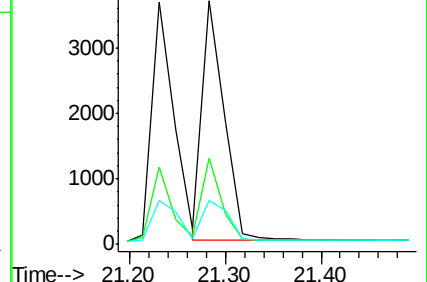
229 17.8 18.6 28.0#



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: 0.72 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

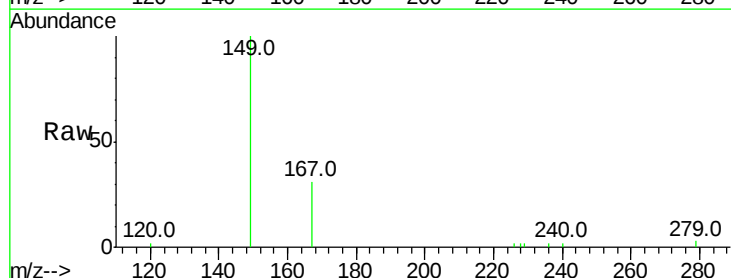
Tgt Ion:149 Resp: 3828

Ion Ratio Lower Upper

149 100

167 27.6 20.1 30.1

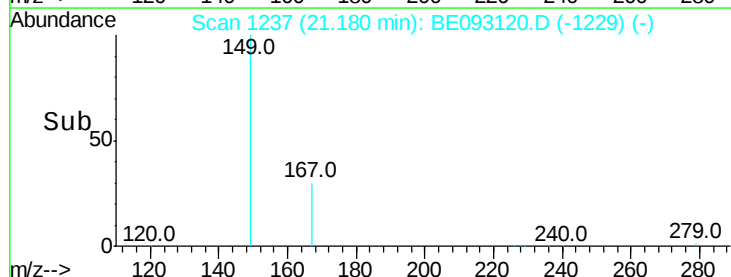
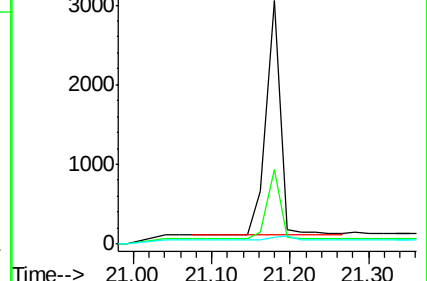
279 2.2 2.2 3.4

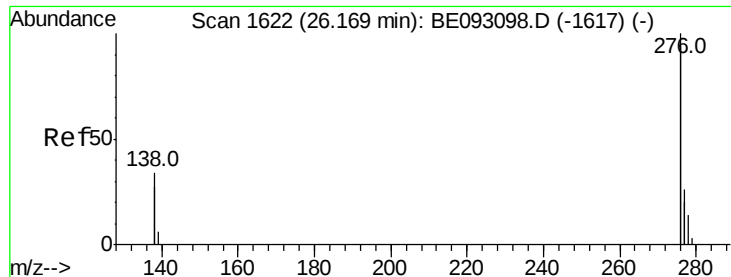


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.43 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

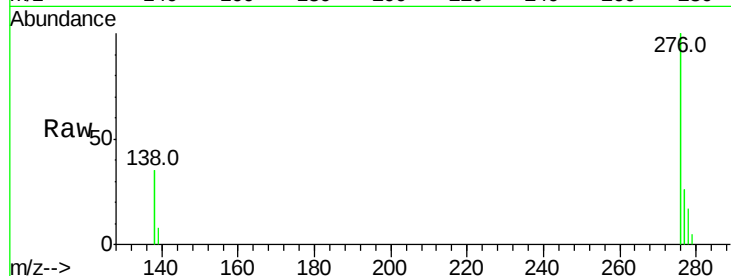
Tot Ion:276 Resp: 21894

Ion Ratio Lower Upper

276 100

138 34.0 27.4 41.2

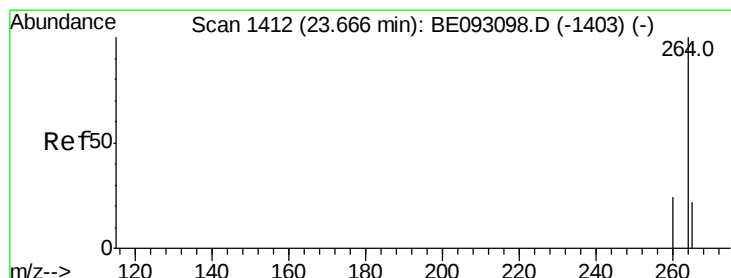
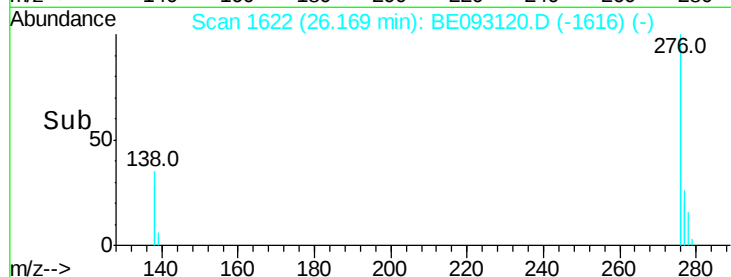
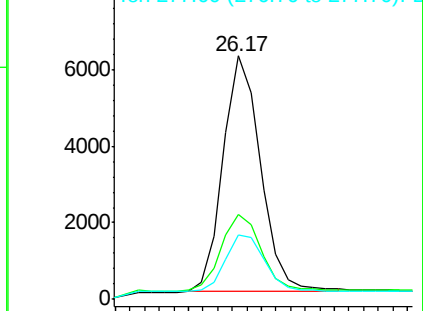
277 25.3 20.1 30.1



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: BE093120.D

Acq: 13 Jun 2017 2:29

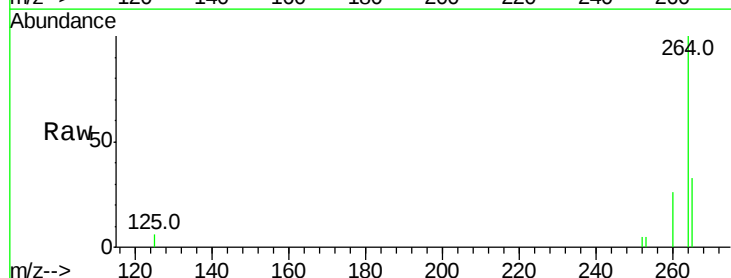
Tgt Ion:264 Resp: 4063

Ion Ratio Lower Upper

264 100

260 25.6 21.0 31.4

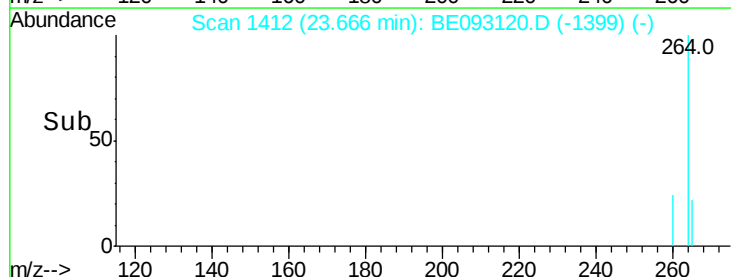
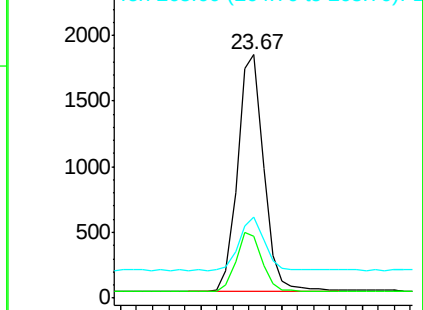
265 33.1 24.6 36.8

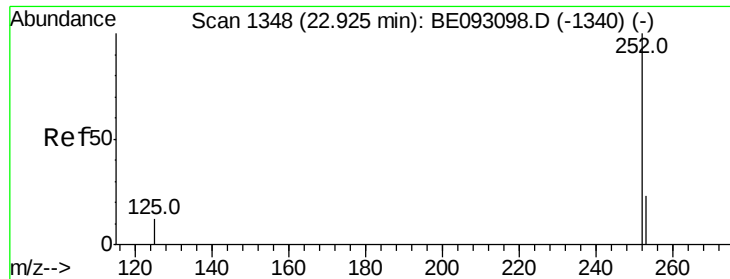


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.45 ng

RT: 22.93 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

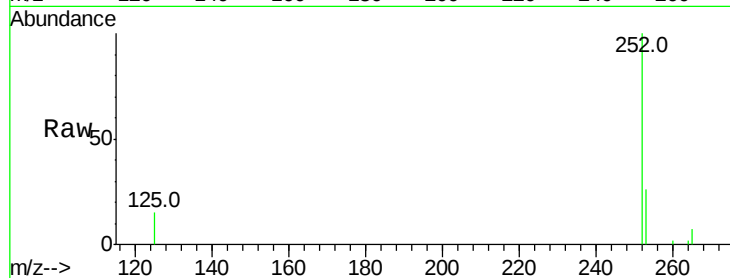
Tot Ion:252 Resp: 5897

Ion Ratio Lower Upper

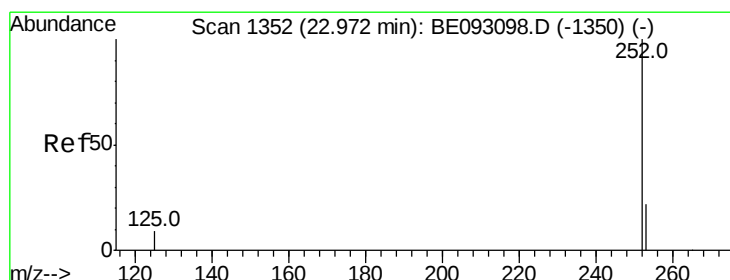
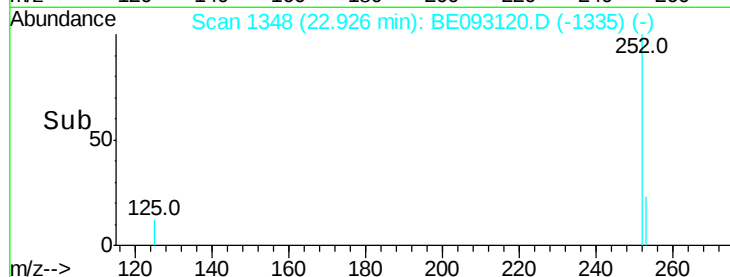
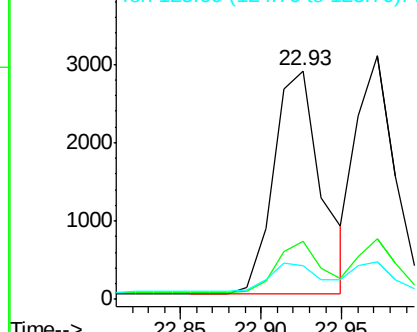
252 100

253 25.6 18.5 27.7

125 15.0 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: 0.40 ng

RT: 22.97 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

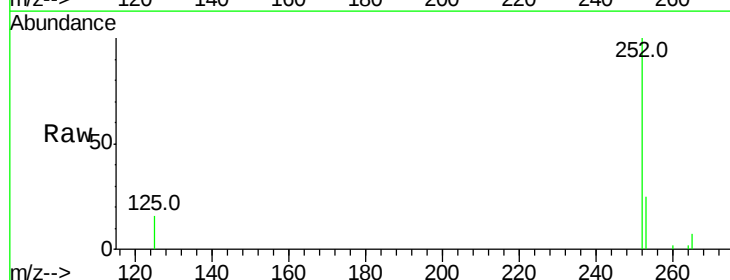
Tgt Ion:252 Resp: 5084

Ion Ratio Lower Upper

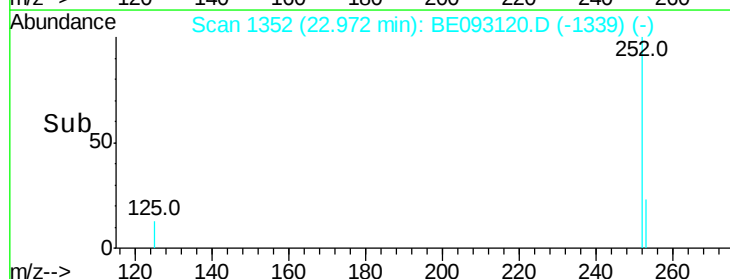
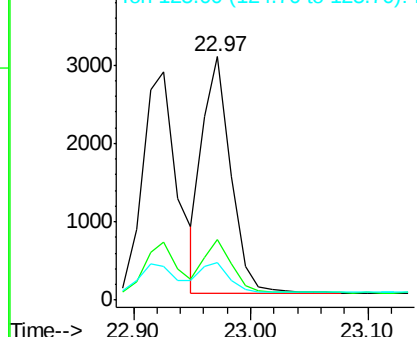
252 100

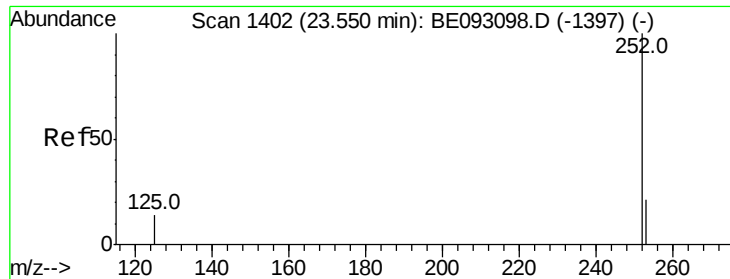
253 25.0 20.3 30.5

125 15.5 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

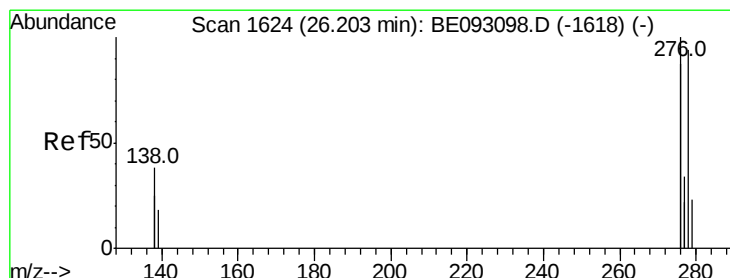
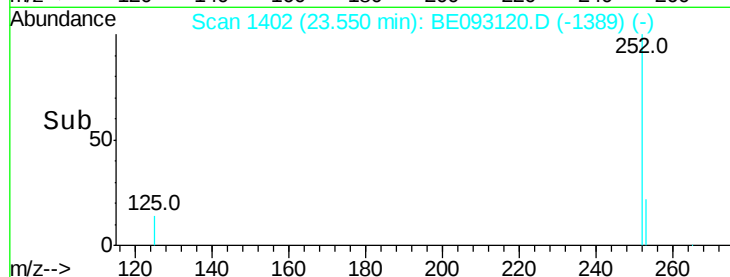
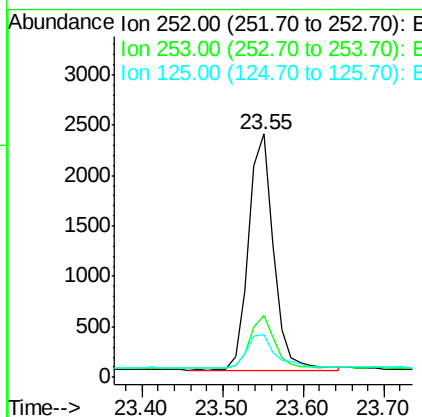
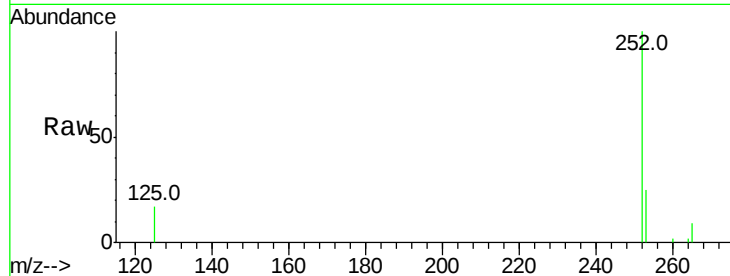




#37
Benzo(a)pyrene
Concen: 0.45 ng
RT: 23.55 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

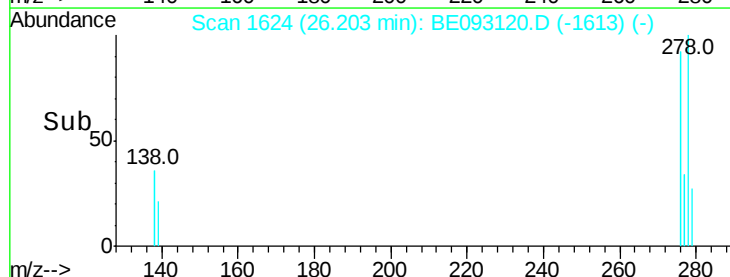
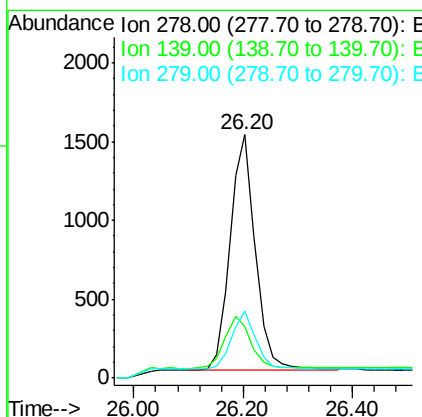
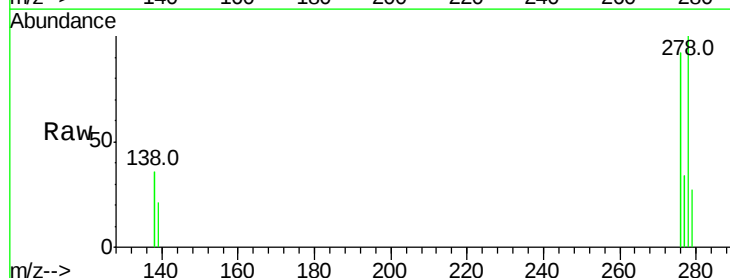
Instrument :
BNA_E
ClientSampleId :

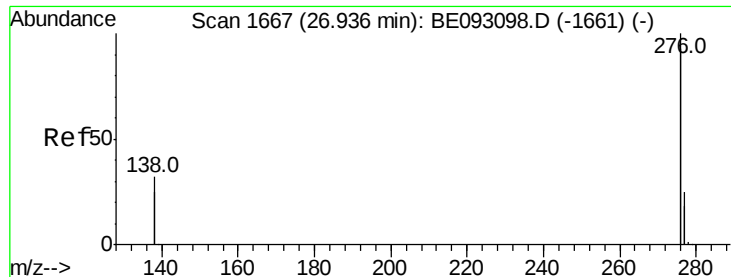
Tot Ion:252 Resp: 5029
Ion Ratio Lower Upper
252 100
253 25.4 19.9 29.9
125 17.5 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 26.20 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Tgt Ion:278 Resp: 4822
Ion Ratio Lower Upper
278 100
139 21.4 21.4 32.0
279 27.3 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.42 ng

RT: 26.94 min Scan# 1667

Delta R.T. -0.00 min

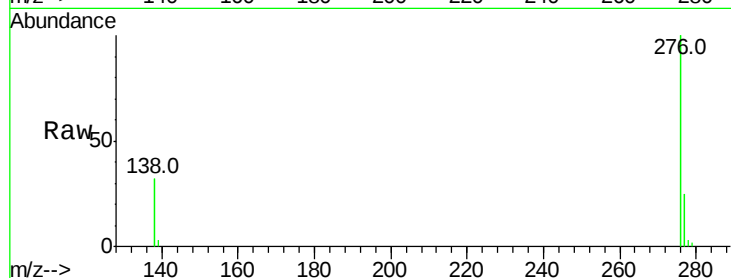
Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 19875

Ion Ratio Lower Upper

276 100

277 25.3 21.2 31.8

138 31.9 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

