

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095860.D
 Acq On : 27 Mar 2018 4:07
 Operator : SJ/JU
 Sample : J1994-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-09-031918

Quant Time: Mar 27 07:02:22 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

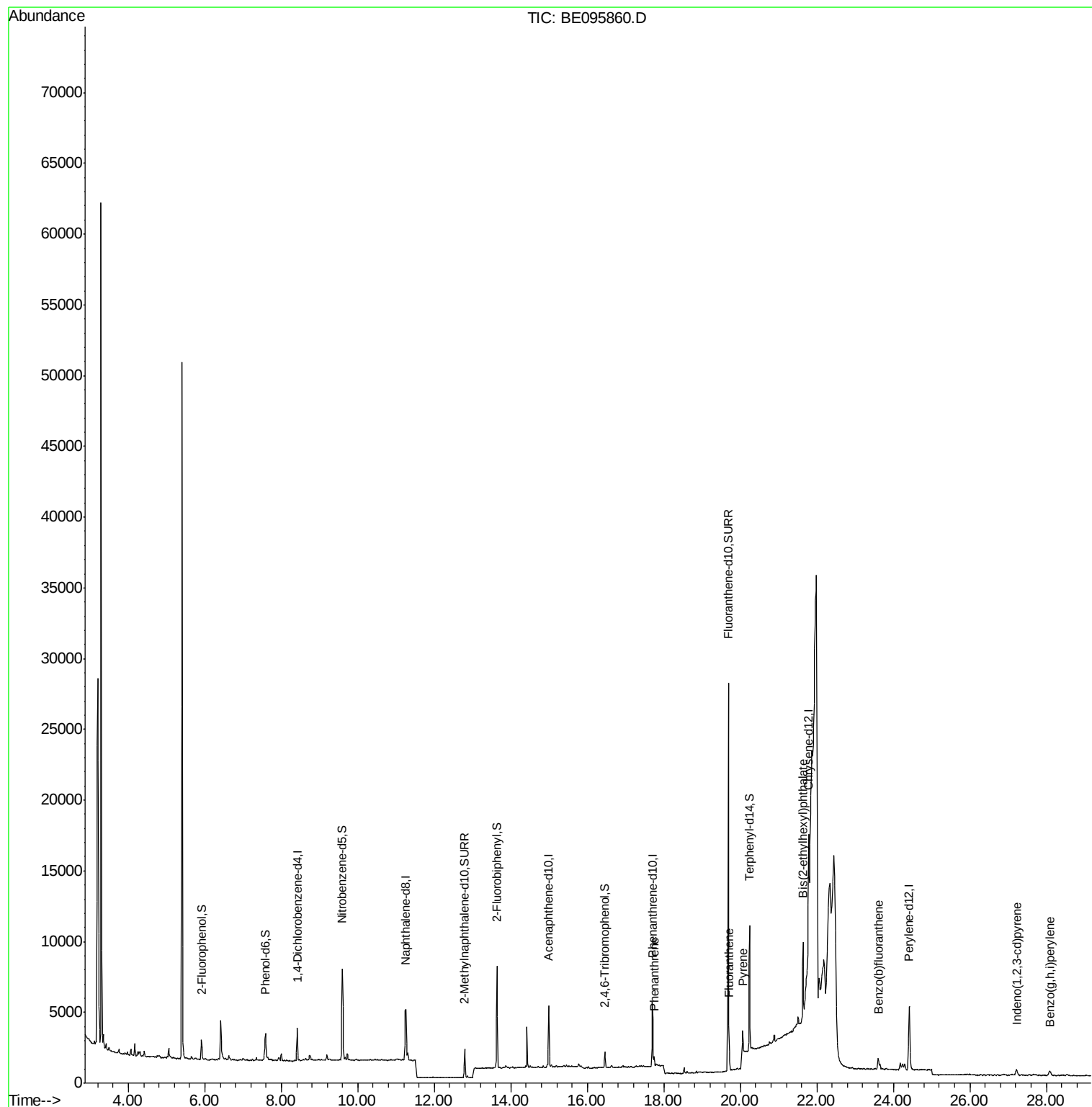
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1179	0.40	ng	-0.01
7) Naphthalene-d8	11.26	136	4417	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2623	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6176	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	8956	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6993	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	694	0.18	ng	-0.01
5) Phenol-d6	7.56	99	619	0.12	ng	0.00
8) Nitrobenzene-d5	9.59	82	2410	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2755	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	594	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	6009	0.54	ng	-0.01
25) Fluoranthene-d10	19.68	212	33997	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	8812	0.46	ng	0.00
Target Compounds						
23) Phenanthrene	17.74	178	722	0.039	ng	Qvalue 96
26) Fluoranthene	19.71	202	1620	0.063	ng	99
28) Pyrene	20.06	202	1836	0.050	ng	97
32) Bis(2-ethylhexyl)phthalate	21.64	149	6955	0.073	ng	# 98
33) Indeno(1,2,3-cd)pyrene	27.22	276	776	0.025	ng	# 67
35) Benzo(b)fluoranthene	23.60	252	1507	0.065	ng	# 60
39) Benzo(g,h,i)perylene	28.09	276	788	0.038	ng	# 54

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

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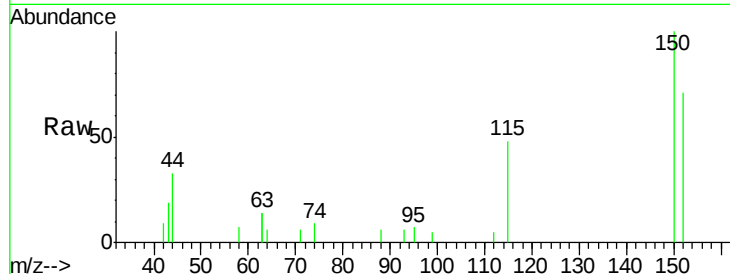


#1

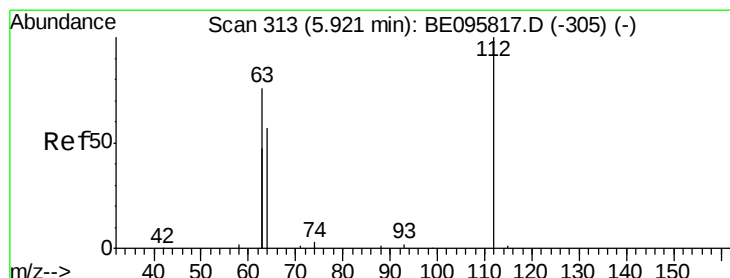
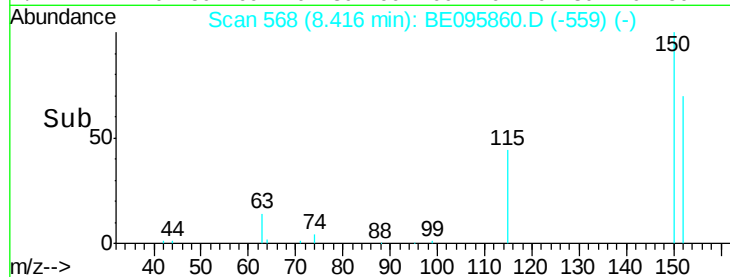
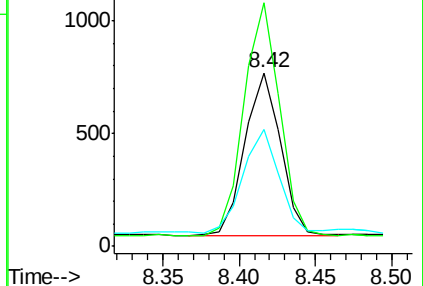
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095860.D
Acq: 27 Mar 2018 4:07

Instrument :
BNA_E
ClientSampleId :
C-MW-09-031918

Tot Ion:152 Resp: 1179
Ion Ratio Lower Upper
152 100
150 140.1 117.2 175.8
115 67.3 57.0 85.6



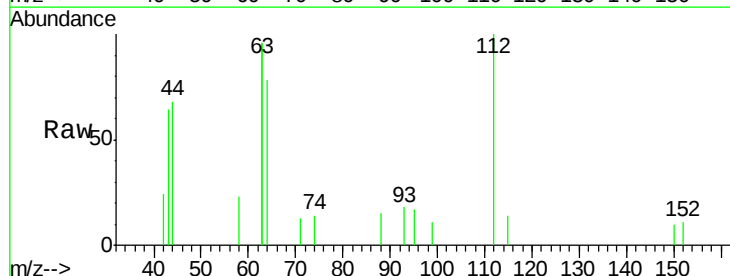
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



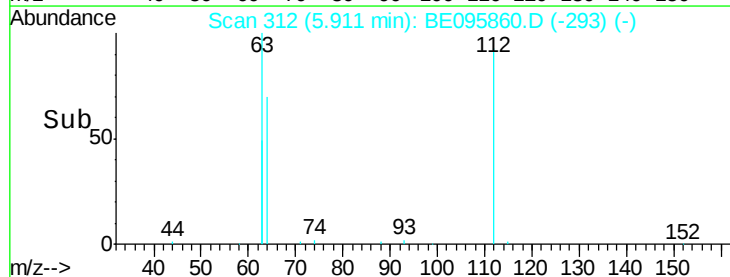
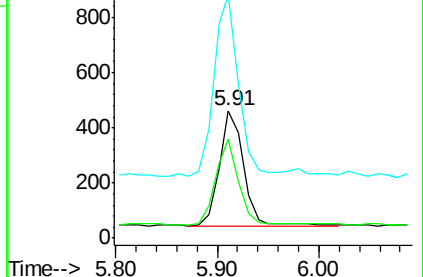
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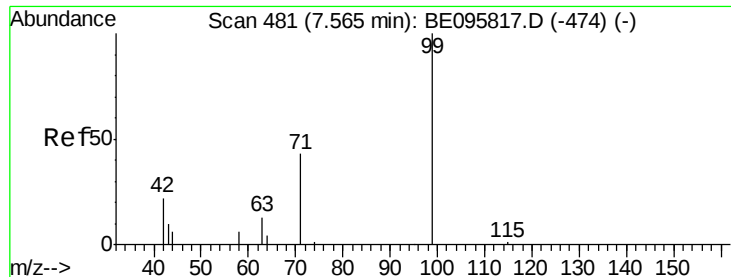
2-Fluorophenol
Concen: 0.179 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095860.D
Acq: 27 Mar 2018 4:07

Tgt Ion:112 Resp: 694
Ion Ratio Lower Upper
112 100
64 70.9 60.1 90.1
63 160.4 116.8 175.2



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: 0.116 ng

RT: 7.56 min Scan# 481

Delta R.T. -0.00 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

Instrument :

BNA_E

ClientSampleId :

C-MW-09-031918

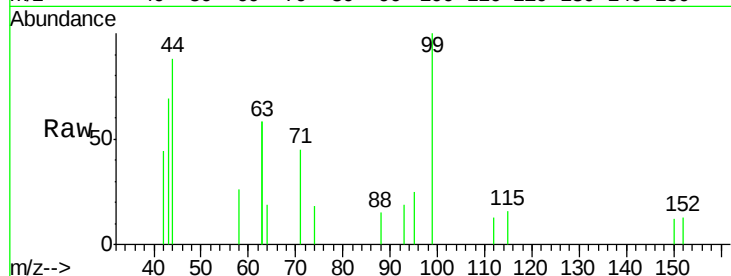
Tot Ion: 99 Resp: 619

Ion Ratio Lower Upper

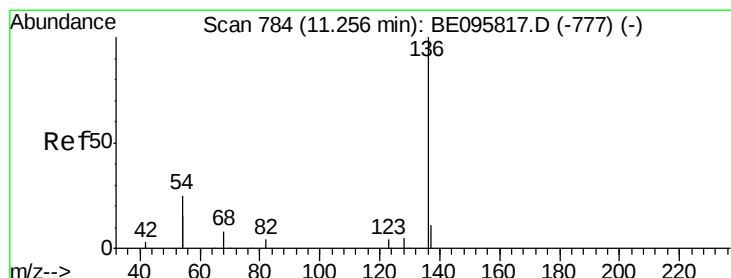
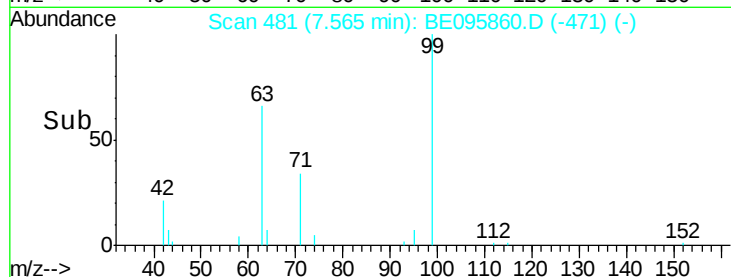
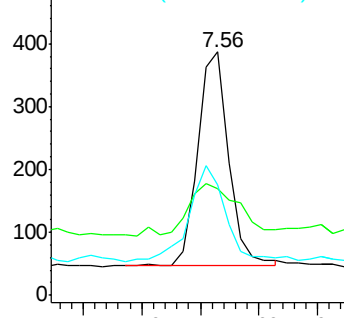
99 100

42 39.1 20.2 30.2#

71 53.2 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

Tgt Ion: 136 Resp: 4417

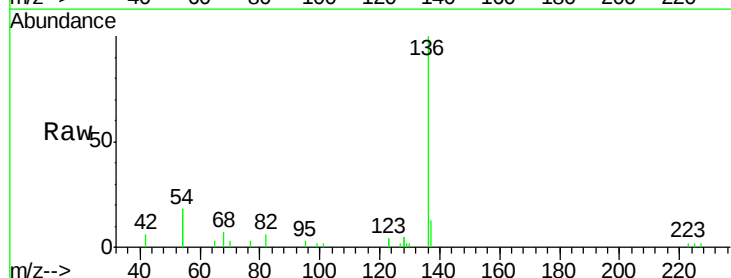
Ion Ratio Lower Upper

136 100

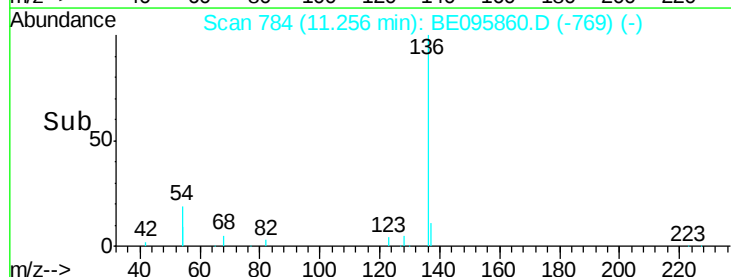
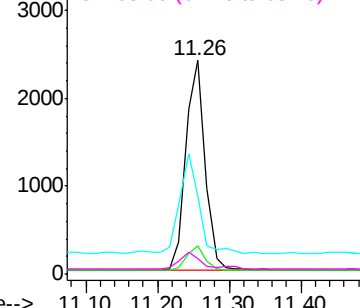
137 12.9 9.5 14.3

54 36.4 29.1 43.7

68 7.3 6.2 9.2



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

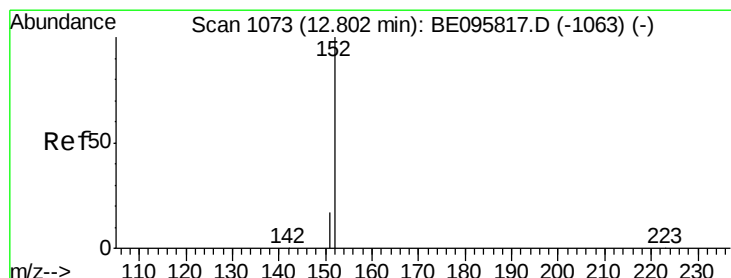
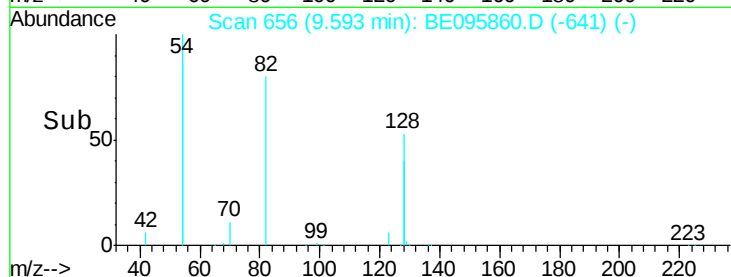
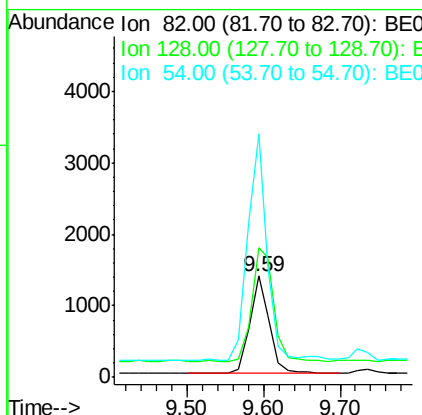
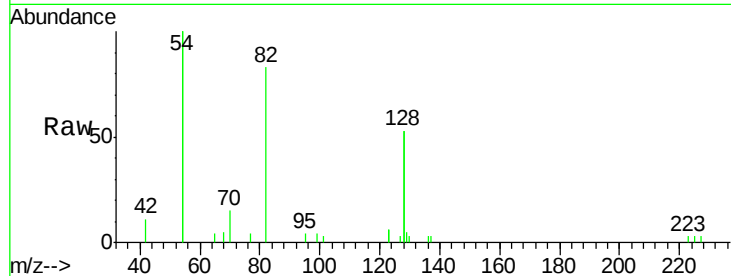




#8
 Nitrobenzene-d5
 Concen: 0.462 ng
 RT: 9.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BE095860.D
 Acq: 27 Mar 2018 4:07

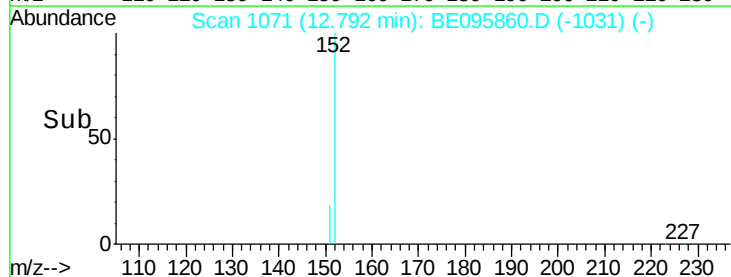
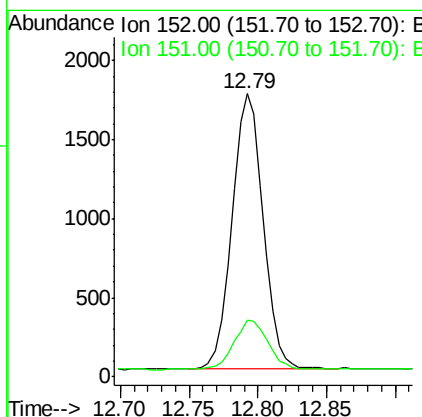
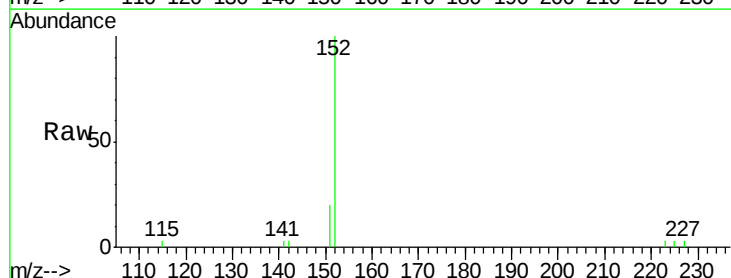
Instrument :
 BNA_E
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 C-MW-09-031918

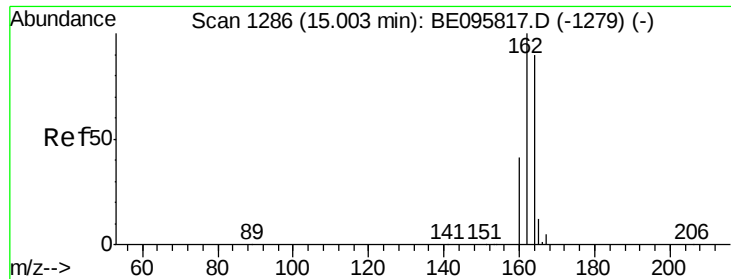
Tot Ion: 82 Resp: 2410
 Ion Ratio Lower Upper
 82 100
 128 128.5 150.0 225.0#
 54 240.2 154.2 231.4#



#11
 2-Methylnaphthalene-d10
 Concen: 0.374 ng
 RT: 12.79 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BE095860.D
 Acq: 27 Mar 2018 4:07

Tgt Ion: 152 Resp: 2755
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

Instrument :

BNA_E

ClientSampleId :

C-MW-09-031918

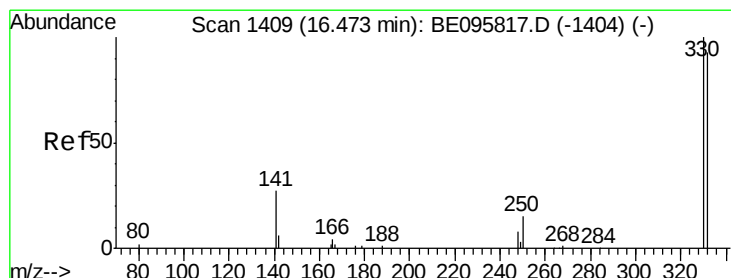
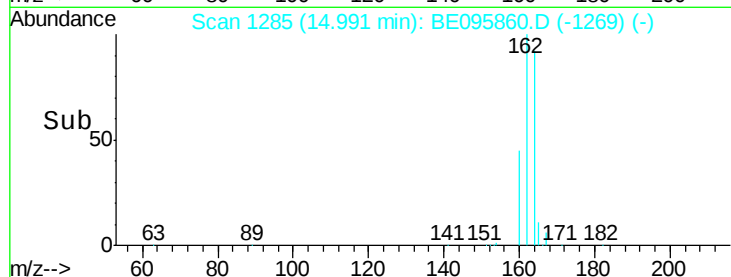
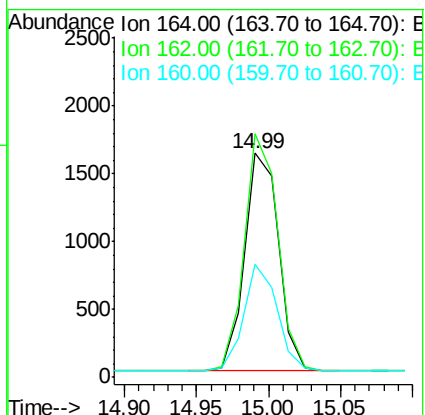
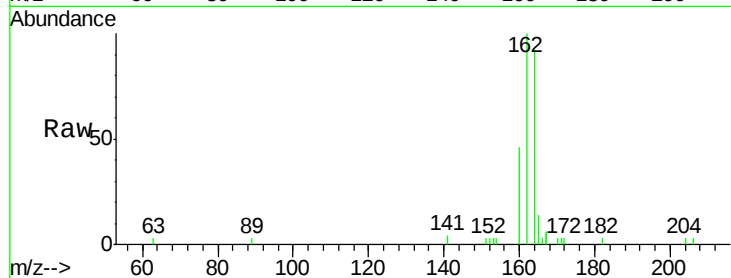
Tot Ion:164 Resp: 2623

Ion Ratio Lower Upper

164 100

162 108.6 83.1 124.7

160 50.2 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.392 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

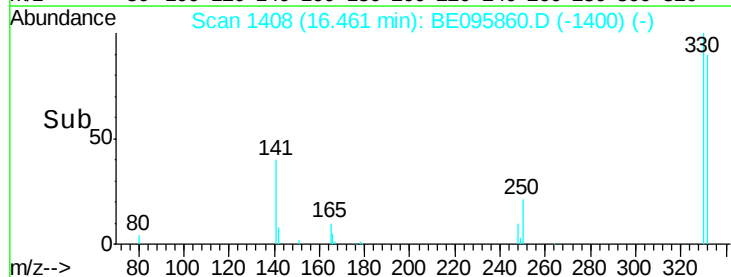
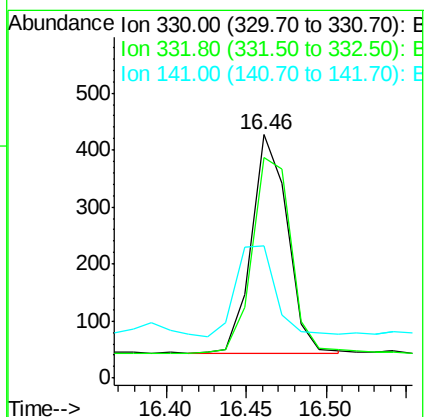
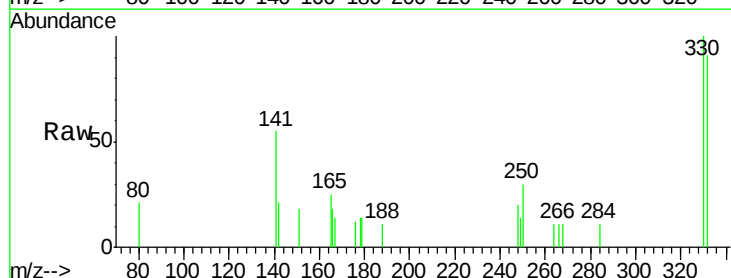
Tgt Ion:330 Resp: 594

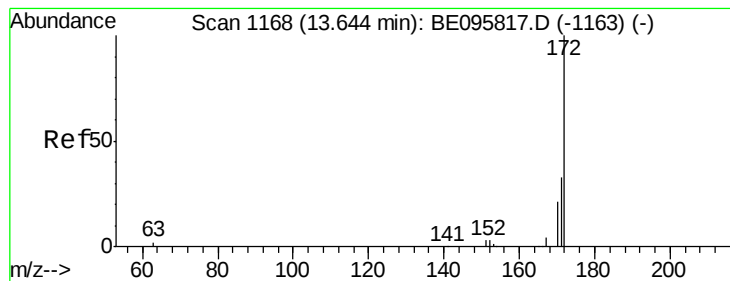
Ion Ratio Lower Upper

330 100

332 96.6 152.7 229.1#

141 46.8 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.544 ng

RT: 13.63 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

Instrument :

BNA_E

ClientSampleId :

C-MW-09-031918

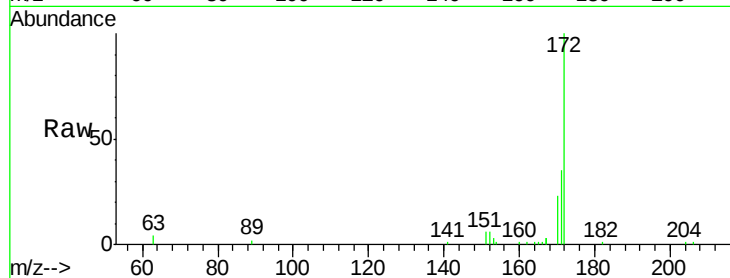
Tot Ion:172 Resp: 6009

Ion Ratio Lower Upper

172 100

171 35.4 29.9 44.9

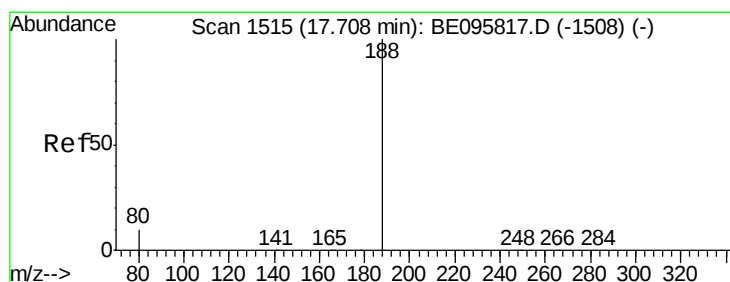
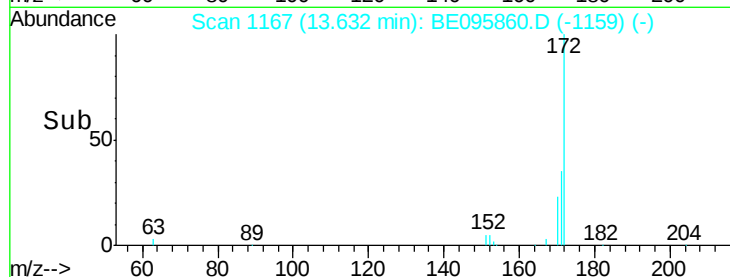
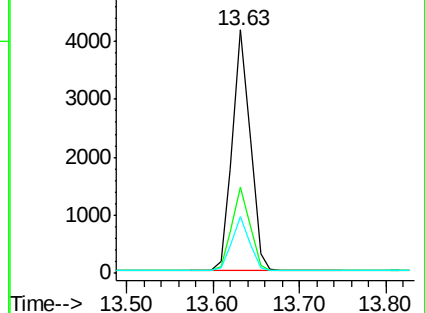
170 23.5 21.8 32.8



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

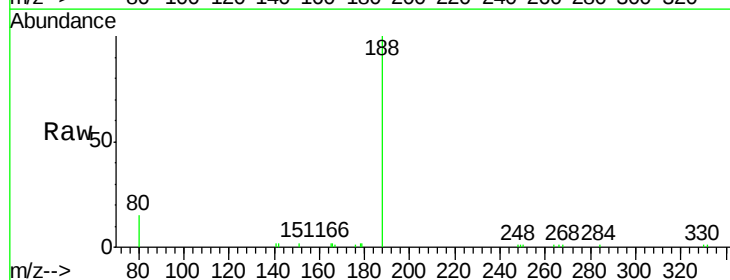
Tgt Ion:188 Resp: 6176

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

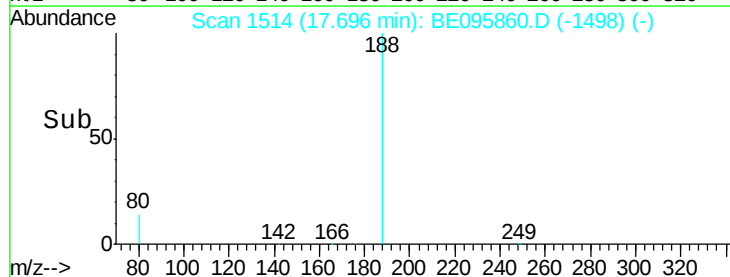
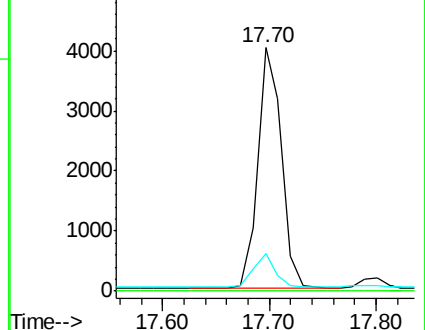
80 15.2 3.6 5.4#

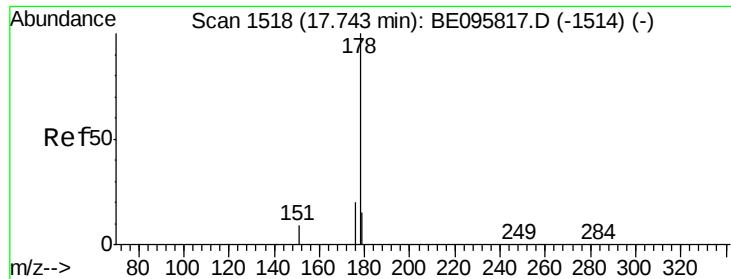


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: 0.039 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

Instrument :

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C-MW-09-031918

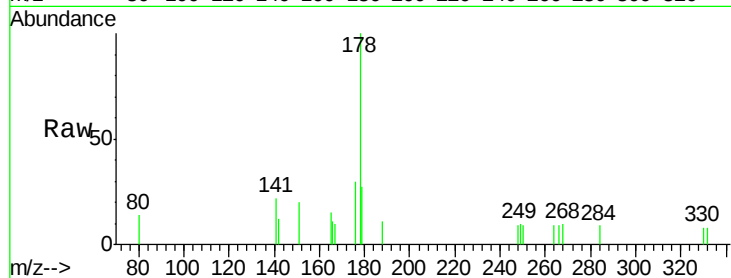
Tot Ion:178 Resp: 722

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

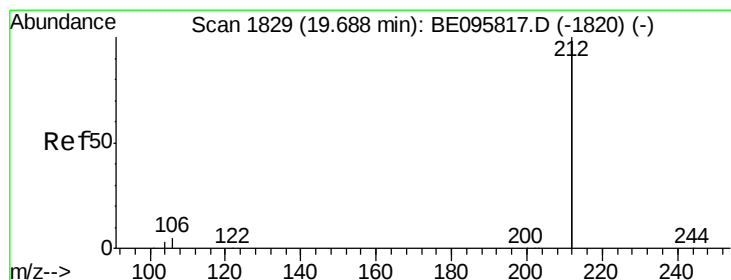
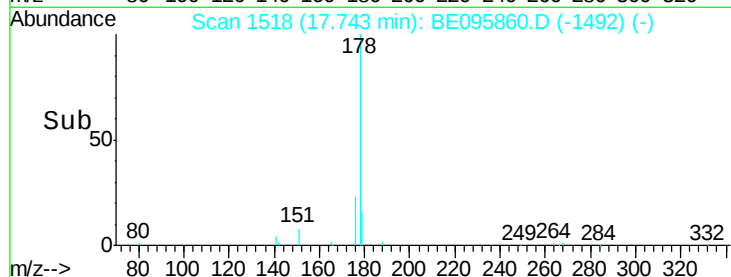
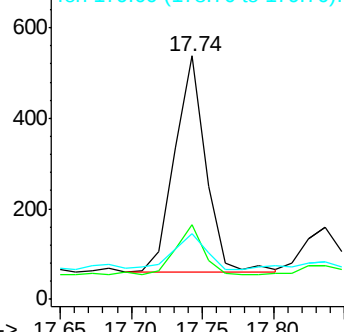
179 16.6 11.8 17.6



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: 0.371 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

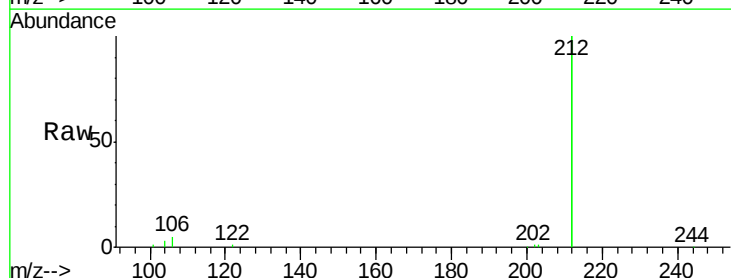
Tgt Ion:212 Resp: 33997

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

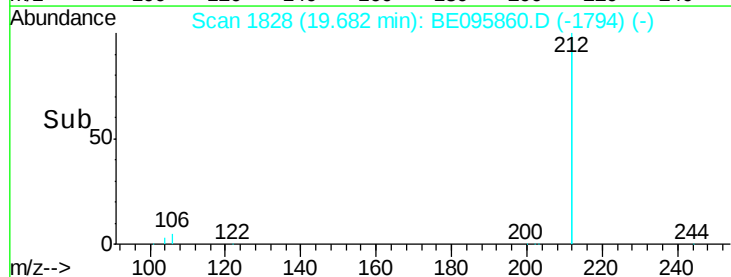
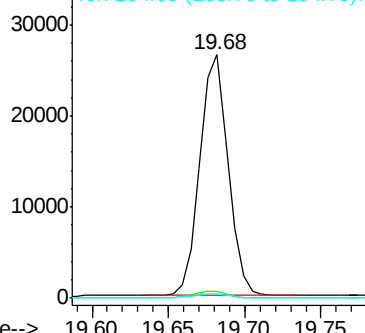
104 1.7 1.6 2.4

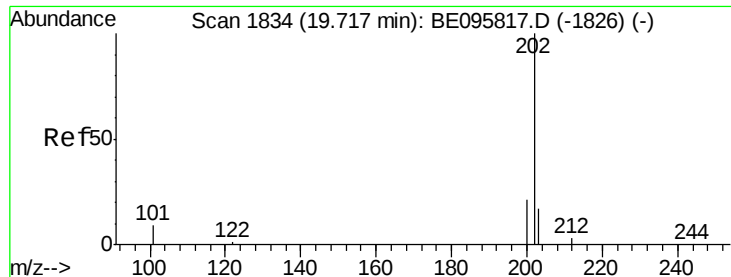


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

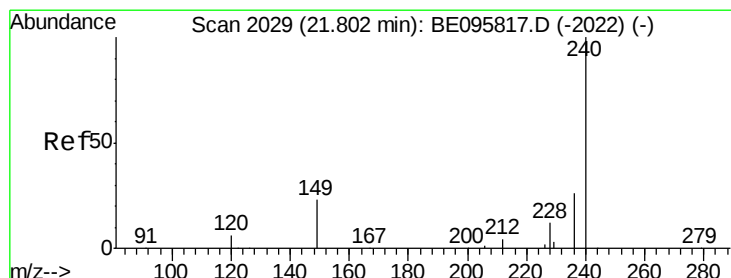
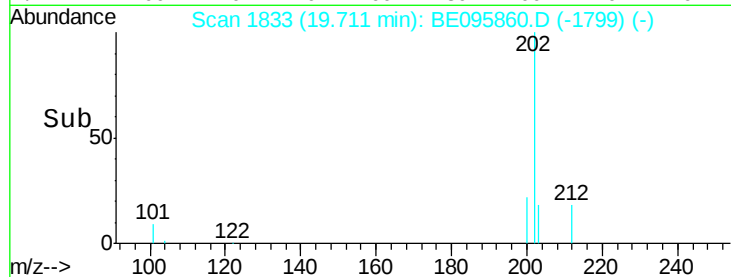
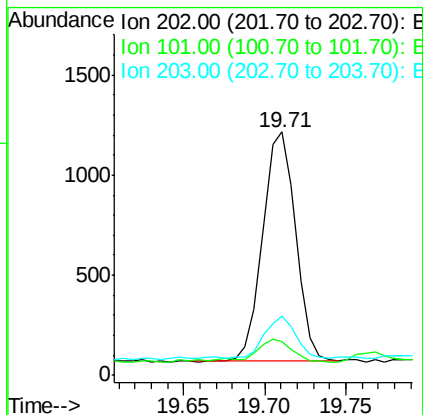
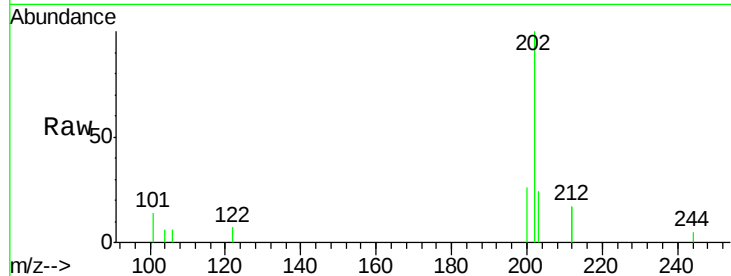




#26
 Fluoranthene
 Concen: 0.063 ng
 RT: 19.71 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BE095860.D
 Acq: 27 Mar 2018 4:07

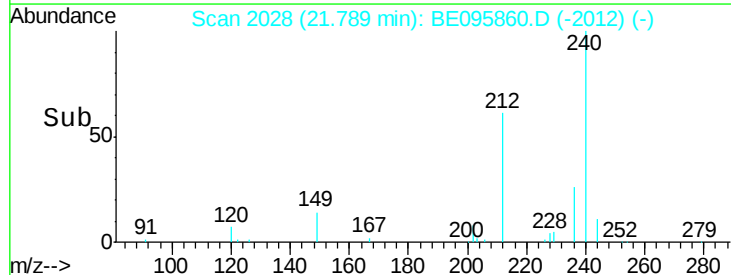
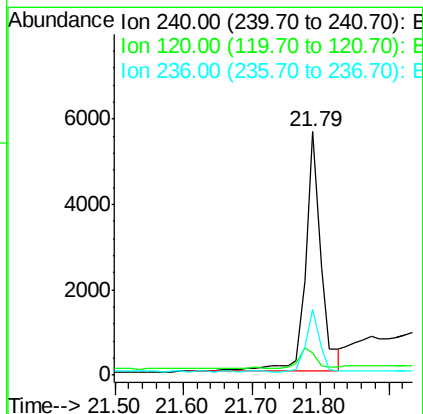
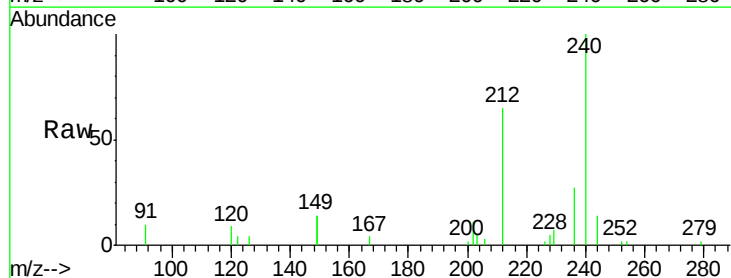
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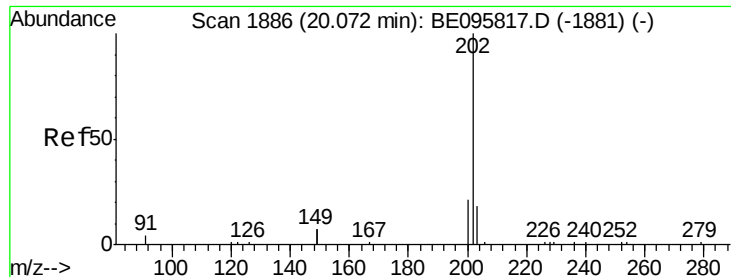
Tot Ion:202 Resp: 1620
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.8 14.8
 203 17.8 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.79 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BE095860.D
 Acq: 27 Mar 2018 4:07

Tgt Ion:240 Resp: 8956
 Ion Ratio Lower Upper
 240 100
 120 9.4 5.5 8.3#
 236 27.1 20.7 31.1





#28

Pvrene

Concen: 0.050 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

Instrument :

BNA_E

ClientSampleId :

C-MW-09-031918

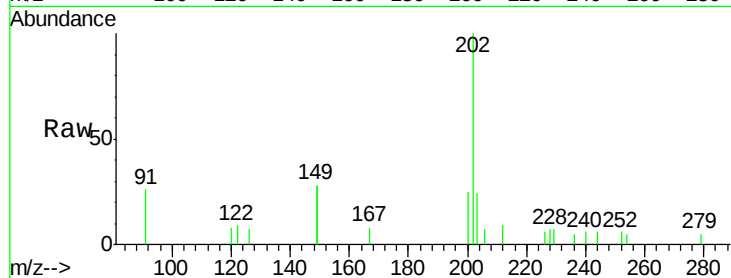
Tot Ion:202 Resp: 1836

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

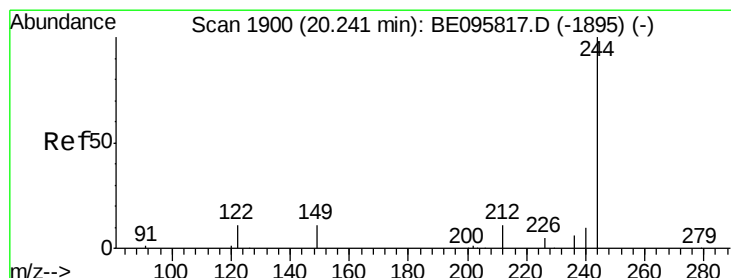
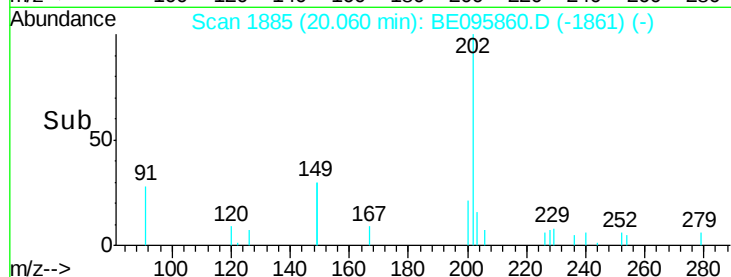
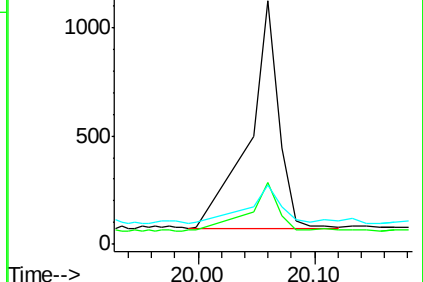
203 19.6 13.8 20.8



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: 0.463 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

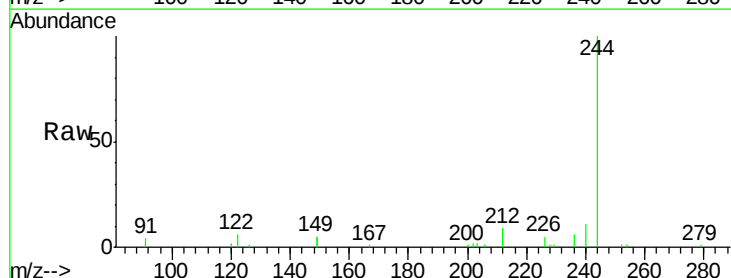
Tgt Ion:244 Resp: 8812

Ion Ratio Lower Upper

244 100

212 8.5 25.4 38.0#

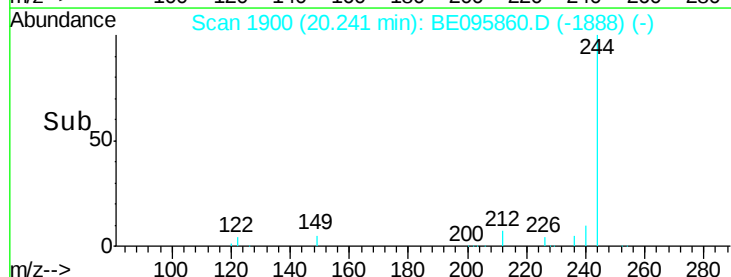
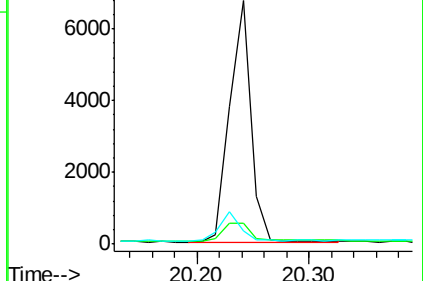
122 5.6 8.1 12.1#

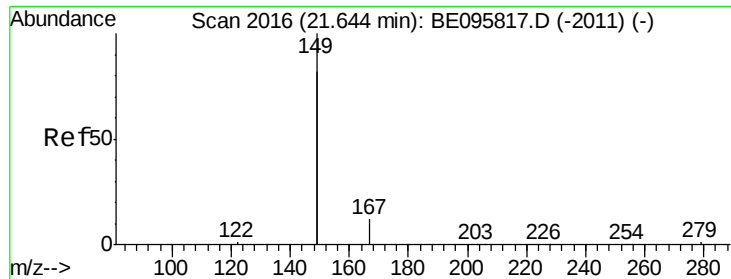


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.073 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

Instrument :

BNA_E

ClientSampleId :

C-MW-09-031918

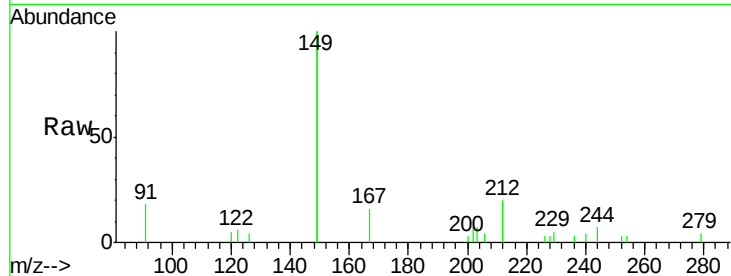
Tot Ion:149 Resp: 6955

Ion Ratio Lower Upper

149 100

167 7.6 5.4 8.0

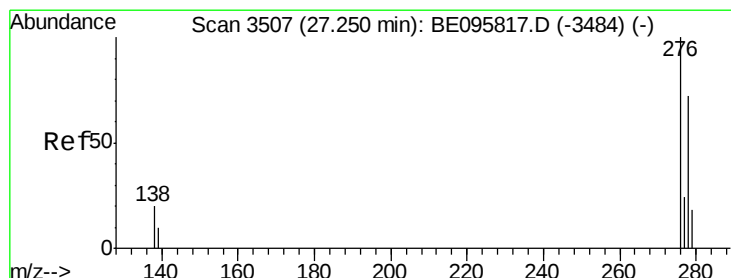
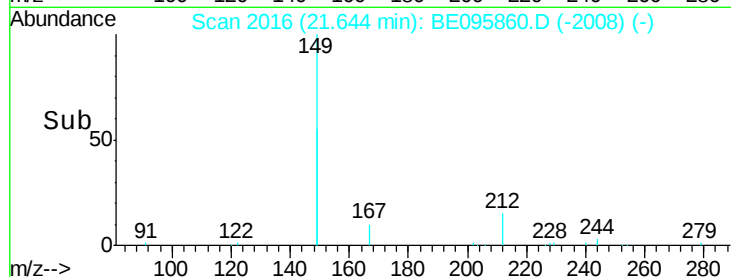
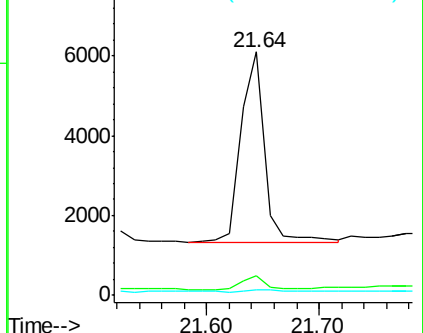
279 1.3 0.7 1.1#



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: 0.025 ng

RT: 27.22 min Scan# 3497

Delta R.T. -0.03 min

Lab File: BE095860.D

Acq: 27 Mar 2018 4:07

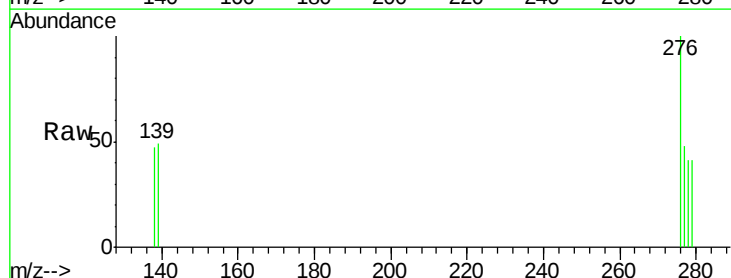
Tgt Ion:276 Resp: 776

Ion Ratio Lower Upper

276 100

138 9.7 22.5 33.7#

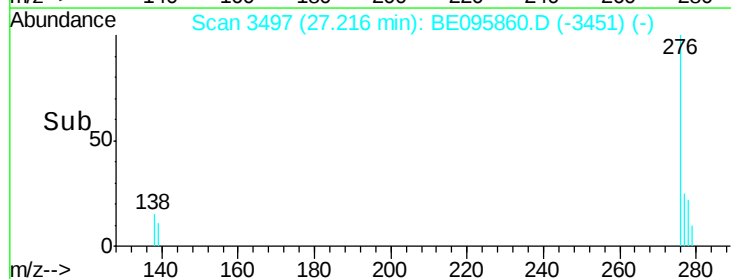
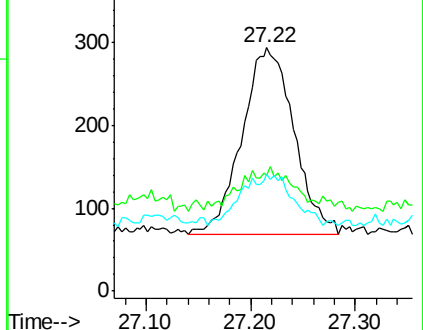
277 9.9 19.9 29.9#

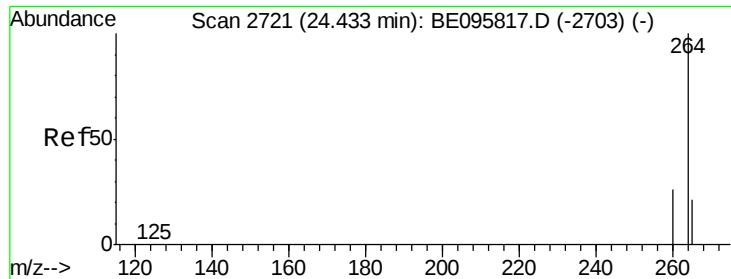


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



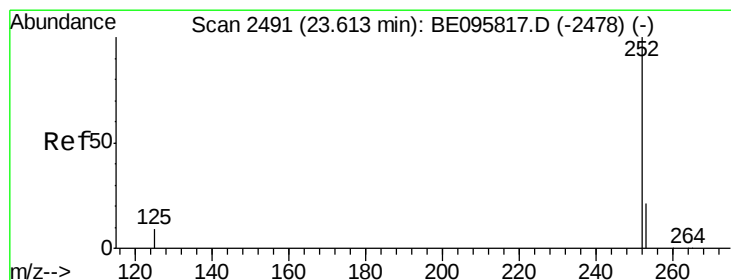
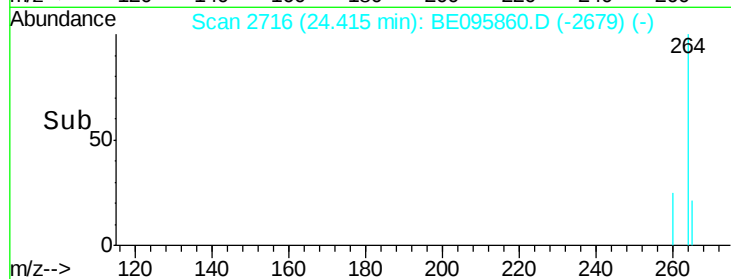
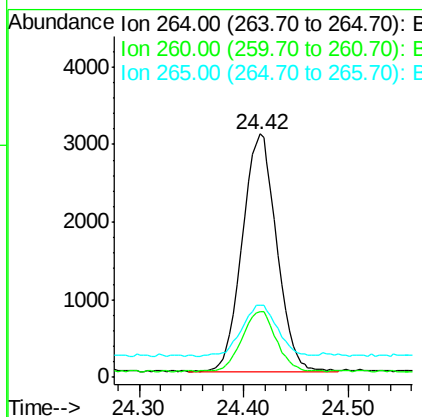
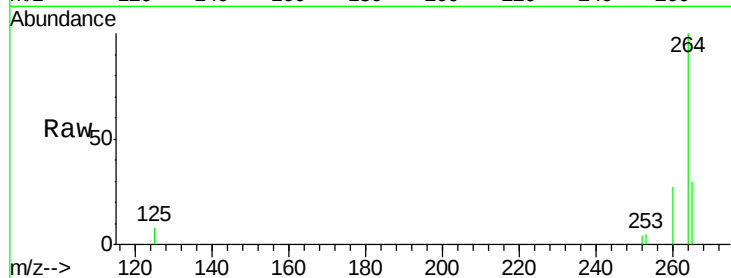


#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2716
Delta R.T. -0.02 min
Lab File: BE095860.D
Acq: 27 Mar 2018 4:07

Instrument :
BNA_E
ClientSampleId :
C-MW-09-031918

Tot Ion:264 Resp: 6993

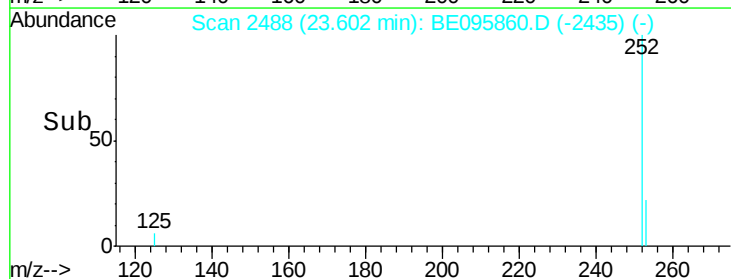
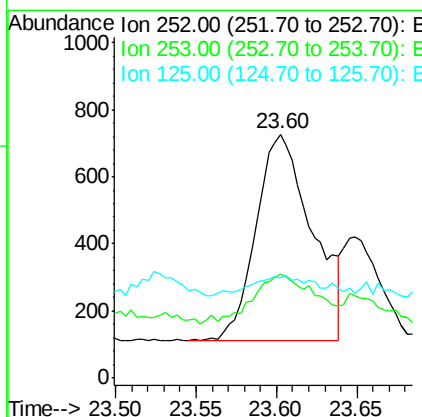
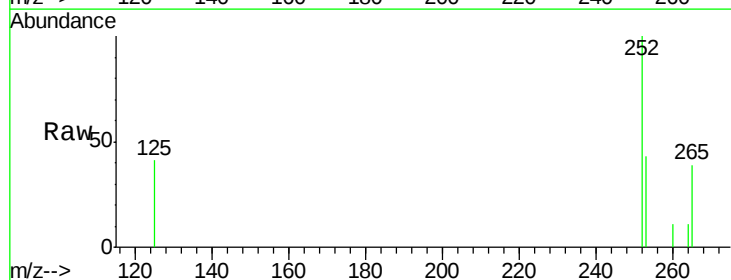
Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.5	30.7
265	29.9	22.8	34.2

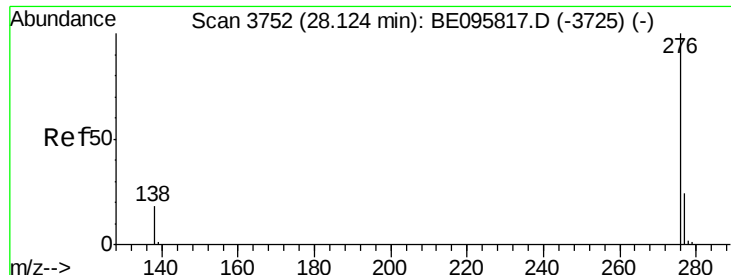


#35
Benzo(b)fluoranthene
Concen: 0.065 ng
RT: 23.60 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BE095860.D
Acq: 27 Mar 2018 4:07

Tgt Ion:252 Resp: 1507

Ion	Ratio	Lower	Upper
252	100		
253	43.0	20.0	30.0#
125	41.0	16.0	24.0#





#39

Benzo(a,h,i)perylene

Concen: 0.038 ng

RT: 28.09 min Scan# 3742

Delta R.T. -0.03 min

Lab File: BE095860.D

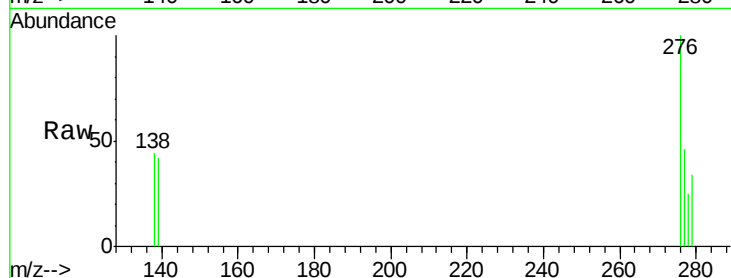
Acq: 27 Mar 2018 4:07

Instrument :

BNA_E

ClientSampleId :

C-MW-09-031918



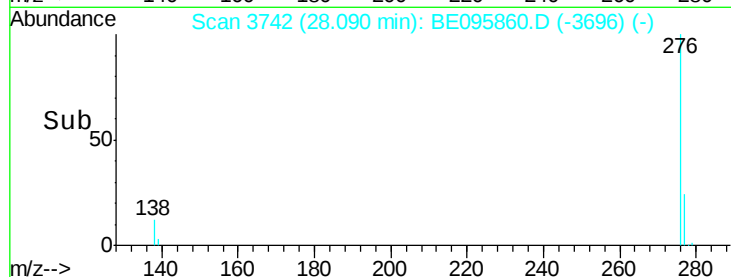
Tot Ion: 276 Resp: 788

Ion Ratio Lower Upper

276 100

277 45.8 16.0 24.0#

138 44.4 20.0 30.0#



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

