

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098498.D
 Acq On : 16 Dec 2018 8:39
 Operator : SJ/JU
 Sample : J6398-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-11-121118

Quant Time: Dec 17 17:28:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

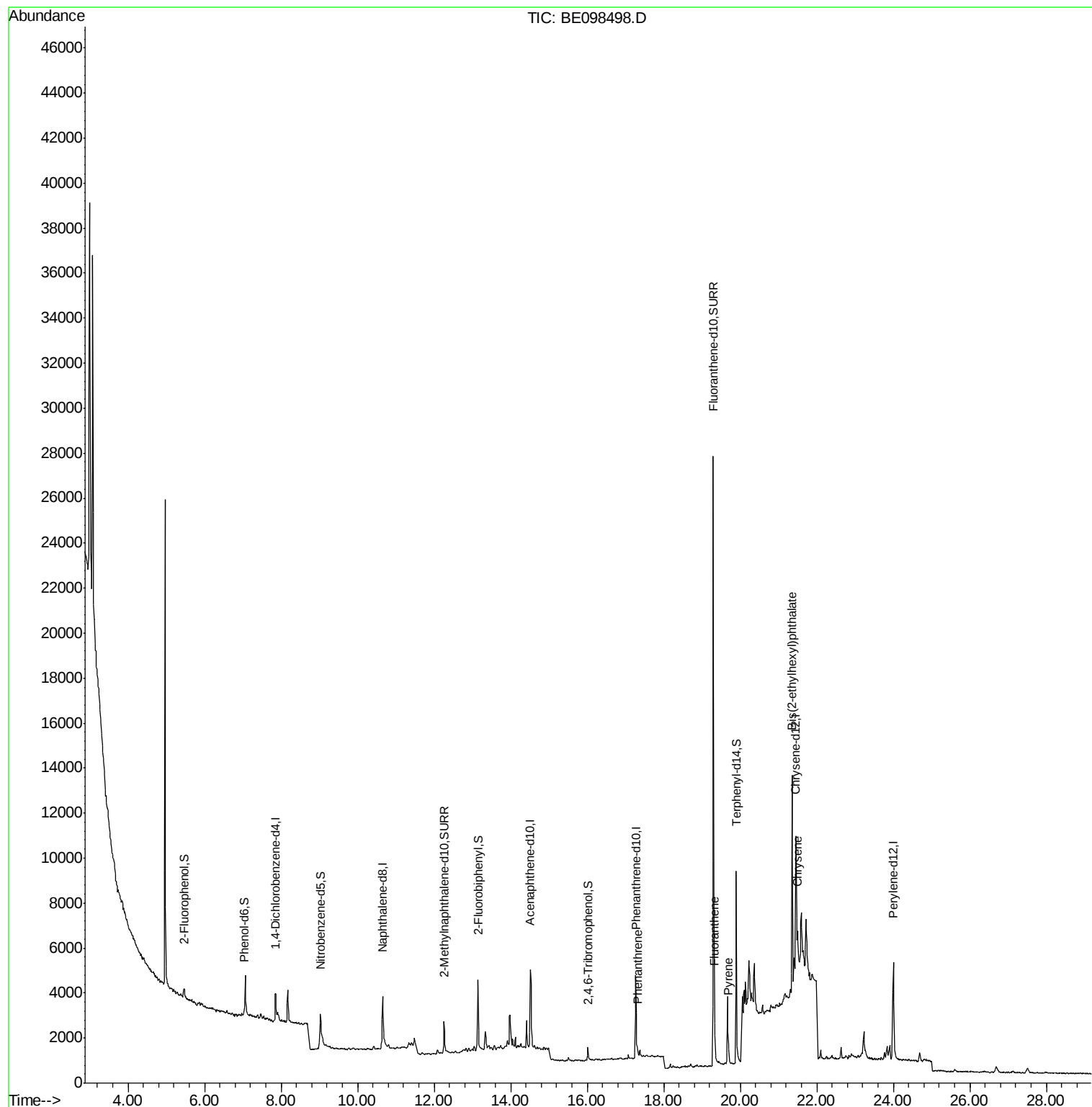
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	804	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3250	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2375	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	5781	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7408	0.40	ng	-0.01
34) Perylene-d12	24.00	264	7027	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	373	0.20	ng	0.01
5) Phenol-d6	7.03	99	305	0.11	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1089	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2434	0.46	ng	-0.02
14) 2,4,6-Tribromophenol	16.02	330	459	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	4029	0.40	ng	0.00
25) Fluoranthene-d10	19.30	212	38299	0.52	ng	-0.01
29) Terphenyl-d14	19.90	244	7813	0.43	ng	-0.01
Target Compounds						
23) Phenanthrene	17.31	178	413	0.029	ng	# 93
26) Fluoranthene	19.33	202	1114	0.060	ng	# 98
28) Pyrene	19.69	202	868	0.037	ng	# 87
31) Chrysene	21.50	228	722	0.033	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.35	149	12544	0.293	ng	# 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121118

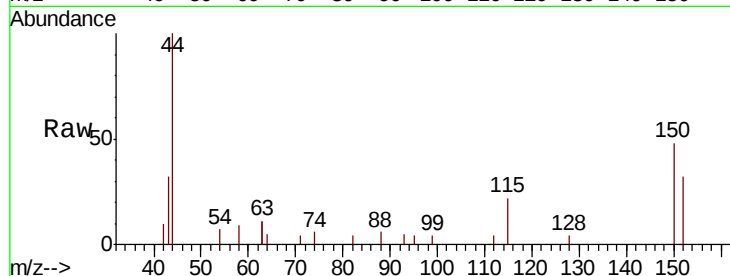
Tot Ion:152 Resp: 804

Ion Ratio Lower Upper

152 100

150 149.9 124.2 186.4

115 67.4 53.9 80.9



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

800

600

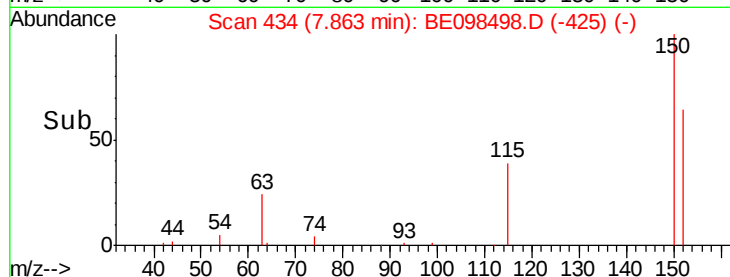
400

200

0

7.70 7.80 7.90 8.00

7.86



#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

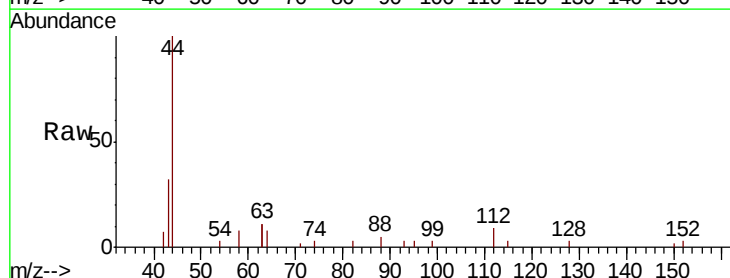
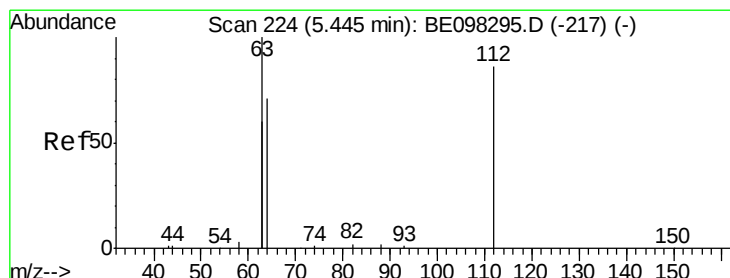
Tgt Ion:112 Resp: 373

Ion Ratio Lower Upper

112 100

64 68.6 59.8 89.8

63 178.3 133.7 200.5



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

600

500

400

300

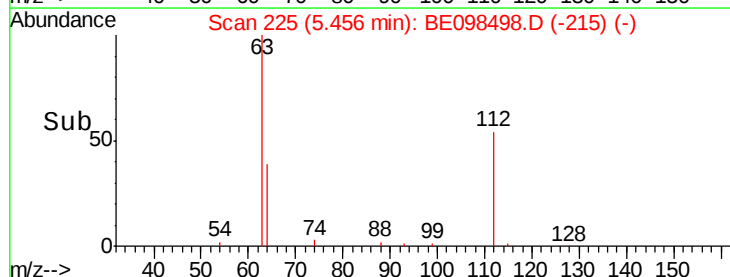
200

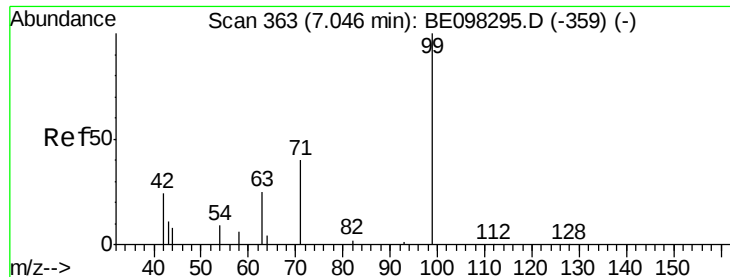
100

0

5.30 5.40 5.50 5.60 5.70

5.46





#5

Phenol-d6

Concen: 0.114 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121118

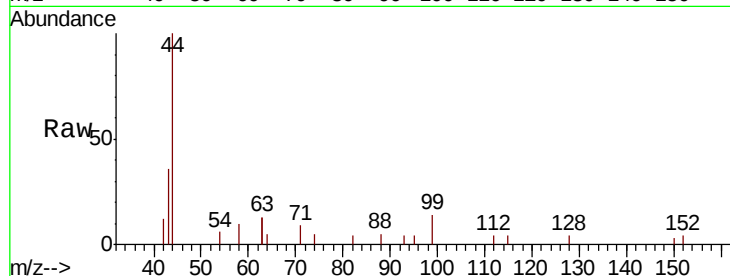
Tot Ion: 99 Resp: 305

Ion Ratio Lower Upper

99 100

42 65.9 26.3 39.5#

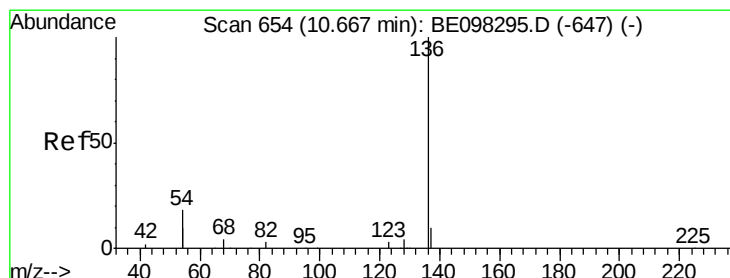
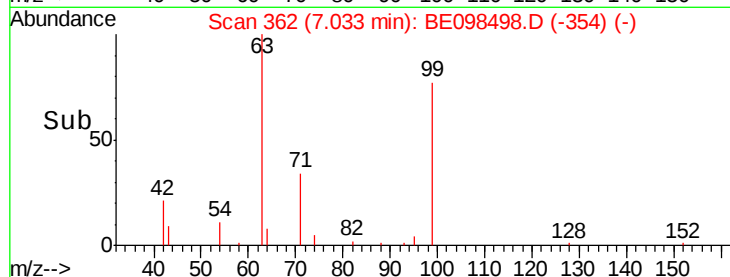
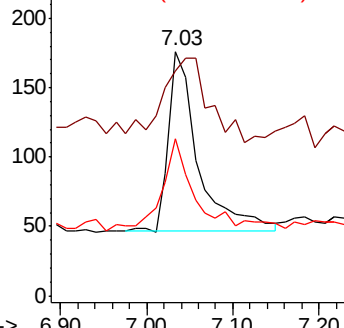
71 46.6 33.6 50.4



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

Tgt Ion: 136 Resp: 3250

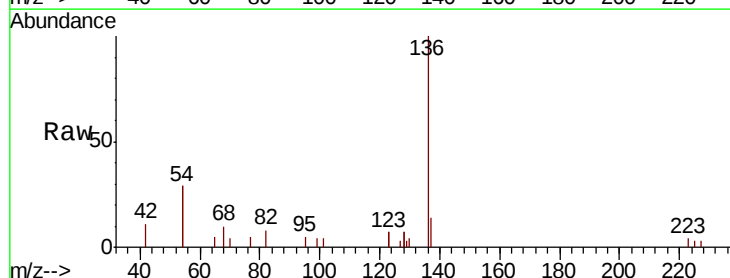
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 58.5 28.4 42.6#

68 9.6 5.4 8.0#

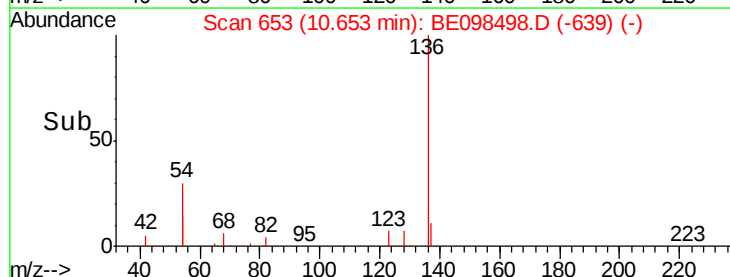
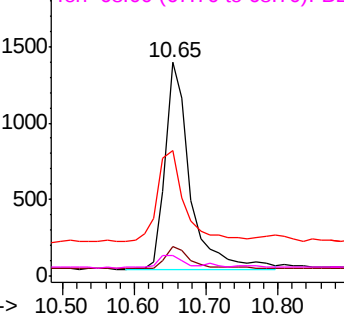


Abundance Ion 136.00 (135.70 to 136.70): E

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

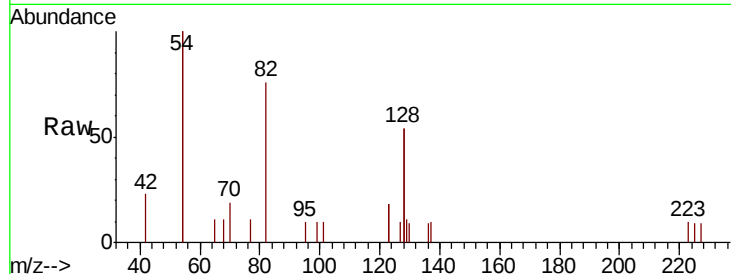




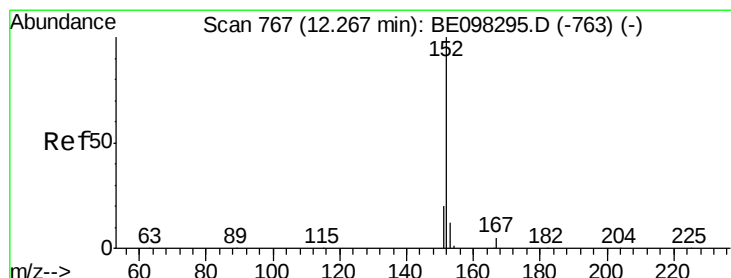
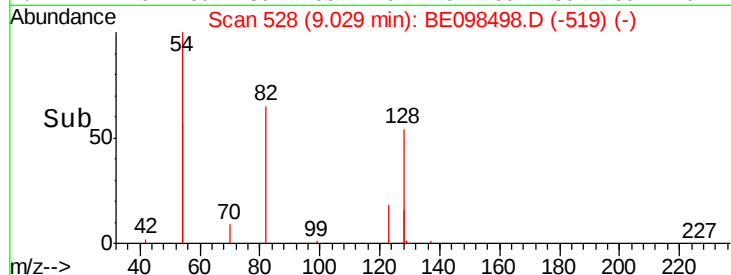
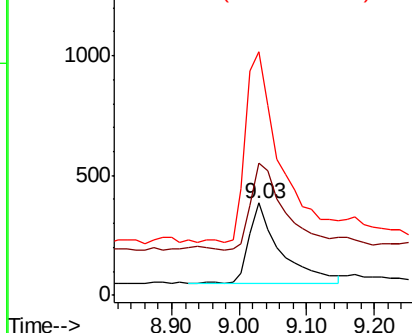
#8
 Nitrobenzene-d5
 Concen: 0.368 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098498.D
 Acq: 16 Dec 2018 8:39

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-11-121118

Tot Ion	82.00	Resp	1089
Ion Ratio	Lower	Upper	
82	100		
128	143.2	102.4	153.6
54	264.6	221.8	332.8

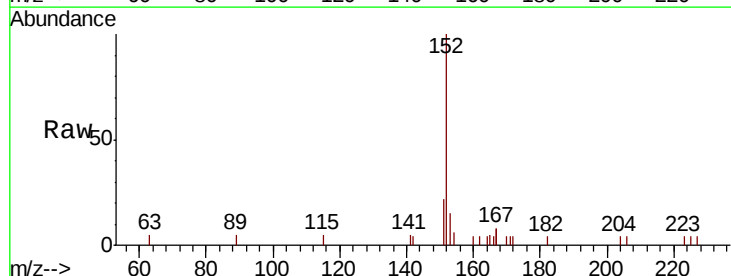


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

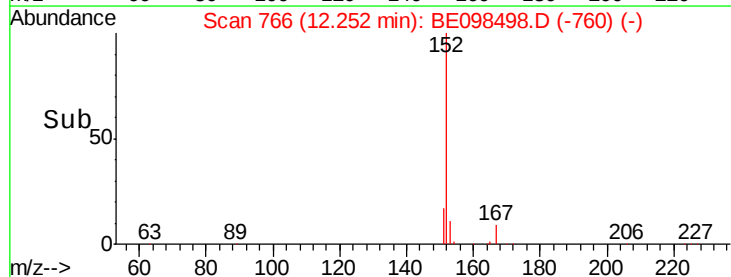
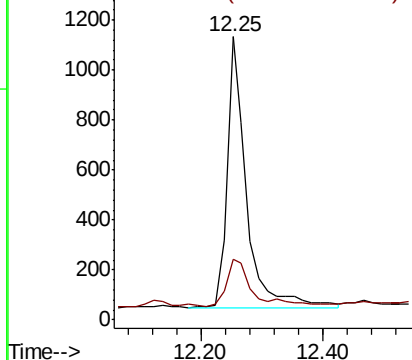


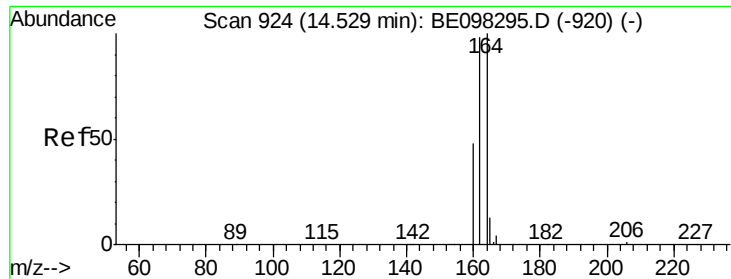
#11
 2-Methylnaphthalene-d10
 Concen: 0.461 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BE098498.D
 Acq: 16 Dec 2018 8:39

Tgt Ion	152.00	Resp	2434
Ion Ratio	Lower	Upper	
152	100		
151	24.6	16.2	24.4#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

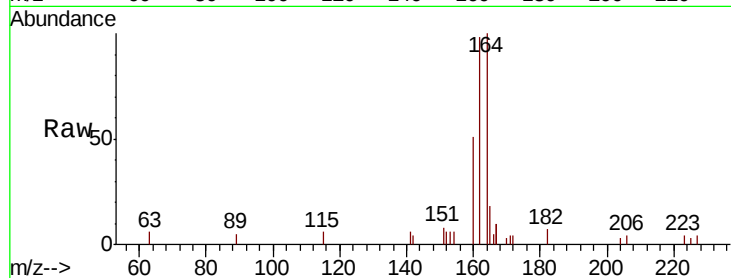




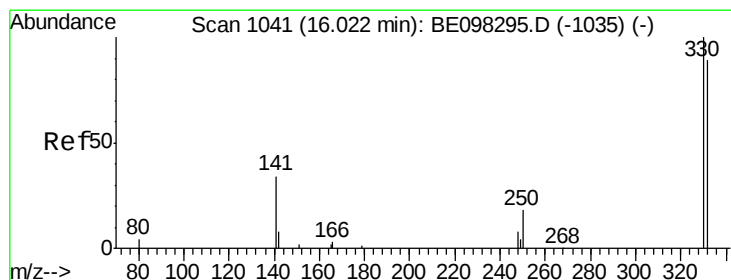
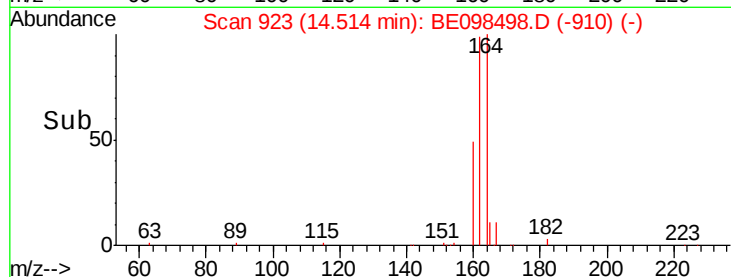
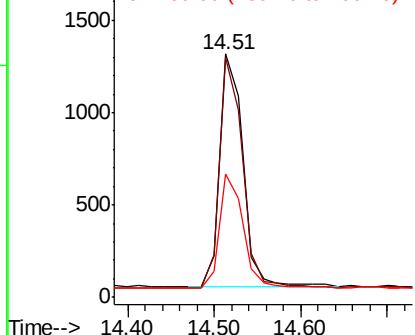
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BE098498.D
 Acq: 16 Dec 2018 8:39

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-11-121118

Tot Ion:164 Resp: 2375
 Ion Ratio Lower Upper
 164 100
 162 98.3 77.6 116.4
 160 50.8 36.0 54.0

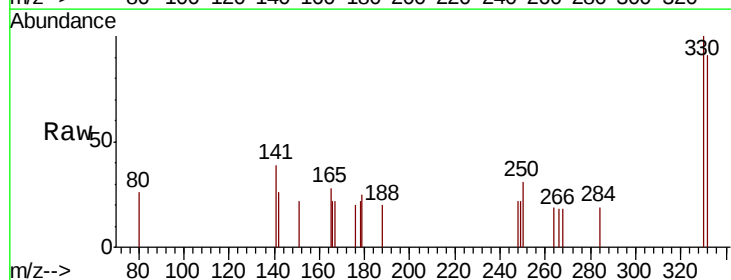


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

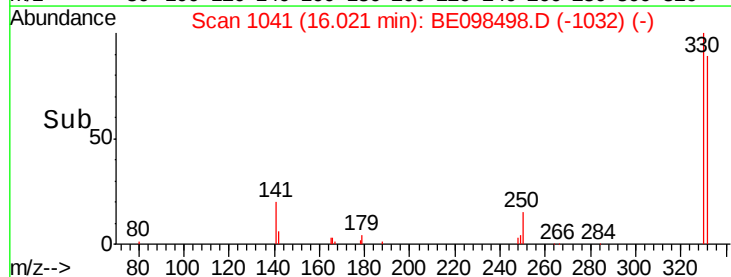
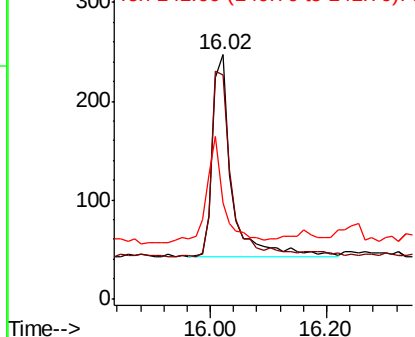


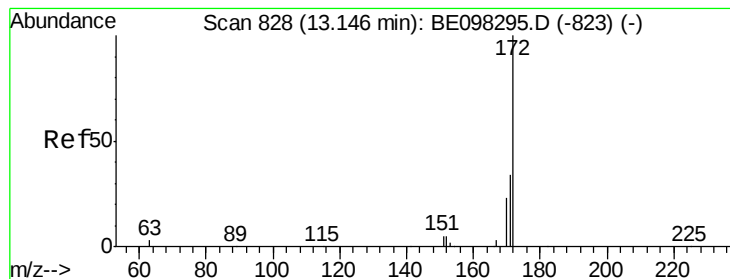
#14
 2,4,6-Tribromophenol
 Concen: 0.526 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098498.D
 Acq: 16 Dec 2018 8:39

Tgt Ion:330 Resp: 459
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.2 114.4
 141 46.8 39.0 58.4



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: 0.402 ng

RT: 13.14 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121118

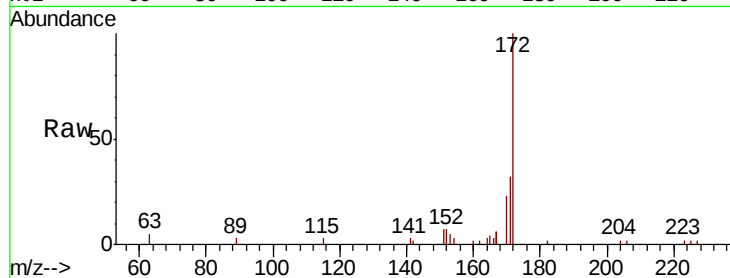
Tot Ion:172 Resp: 4029

Ion Ratio Lower Upper

172 100

171 32.1 27.5 41.3

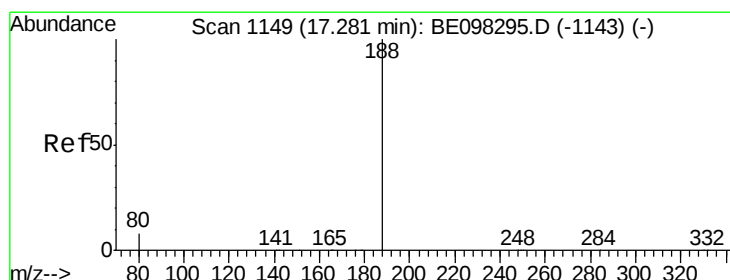
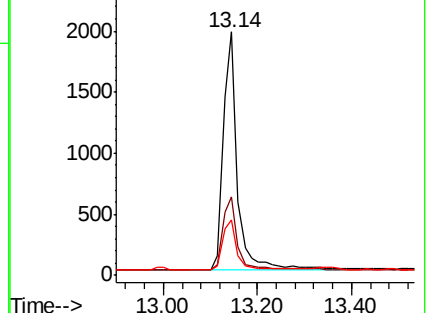
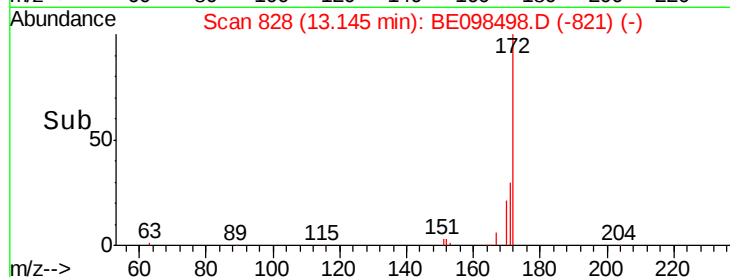
170 22.8 19.6 29.4



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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

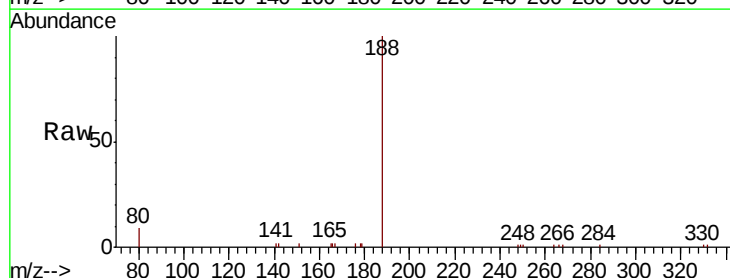
Tgt Ion:188 Resp: 5781

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

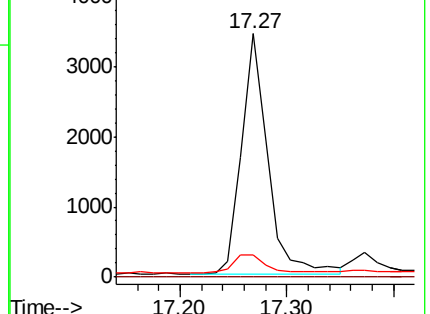
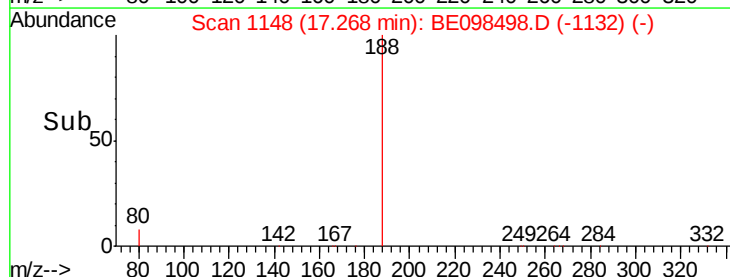
80 9.3 7.2 10.8

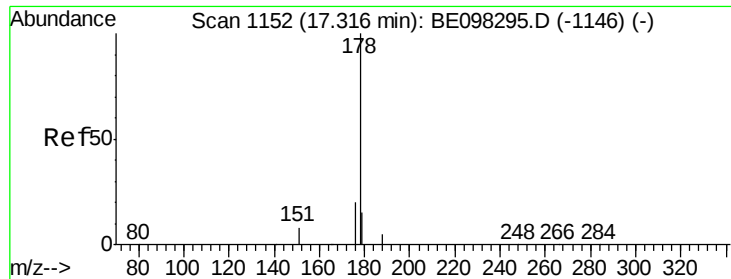


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: 0.029 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

Instrument :

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ClientSampleId :

C-MW-11-121118

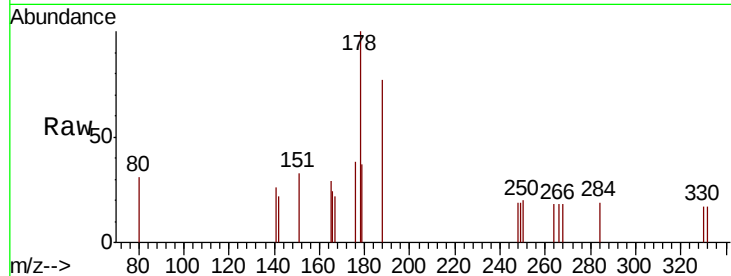
Tot Ion:178 Resp: 413

Ion Ratio Lower Upper

178 100

176 21.3 15.9 23.9

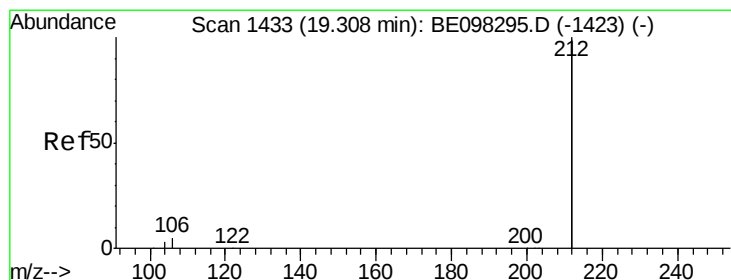
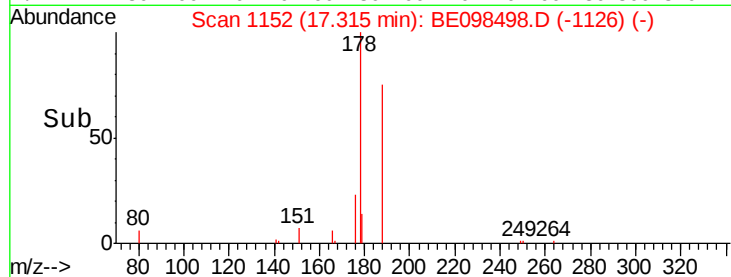
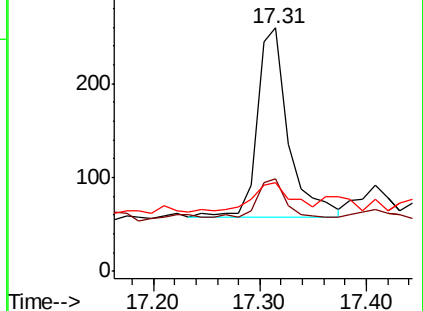
179 20.1 12.3 18.5#



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: 0.516 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

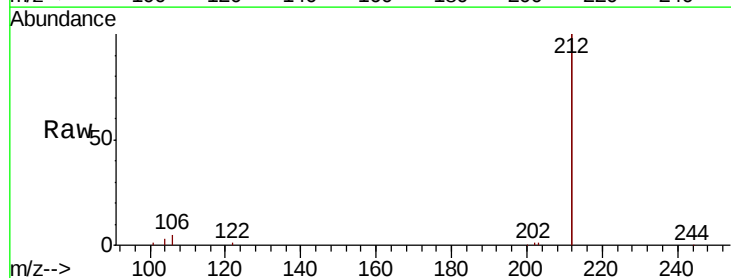
Tgt Ion:212 Resp: 38299

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

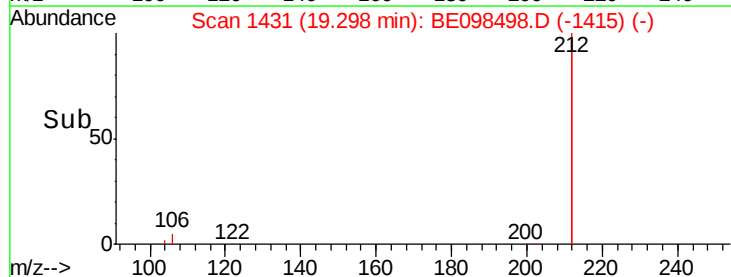
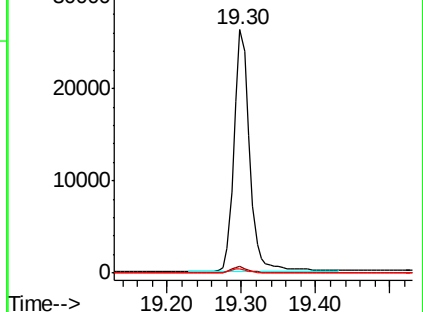
104 1.4 1.3 1.9

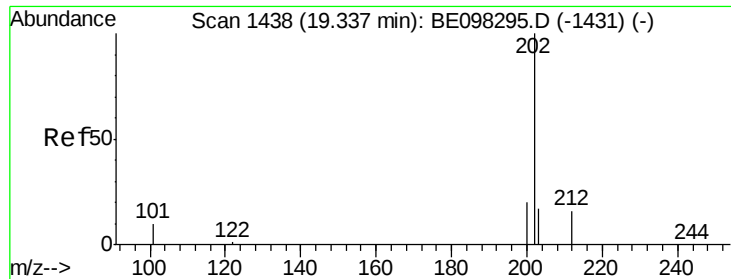


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

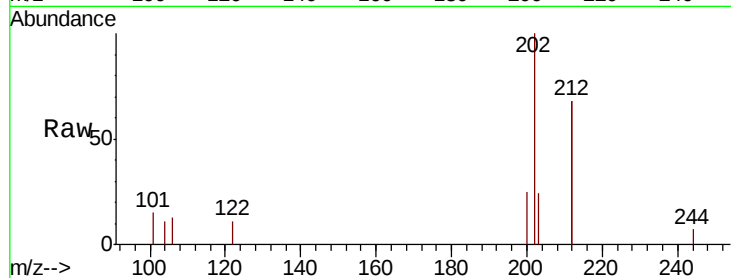




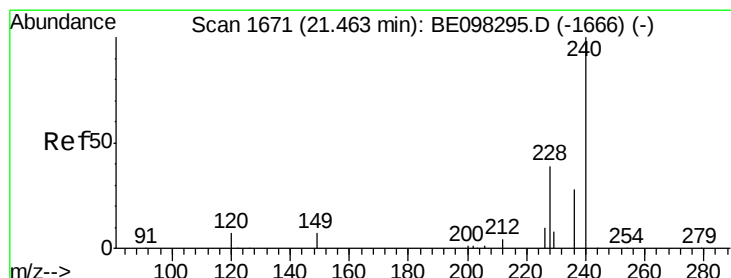
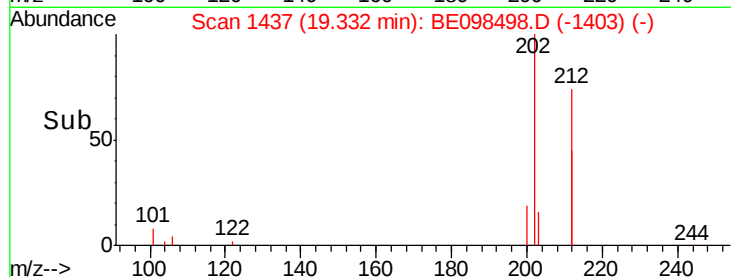
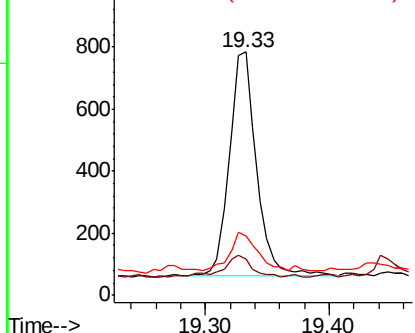
#26
 Fluoranthene
 Concen: 0.060 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE098498.D
 Acq: 16 Dec 2018 8:39

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-11-121118

Tot Ion:202 Resp: 1114
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.0 12.0
 203 17.7 13.8 20.6

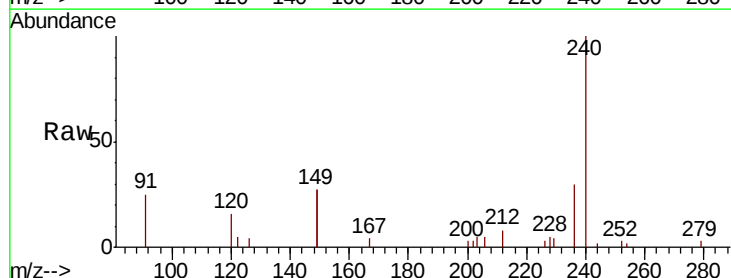


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

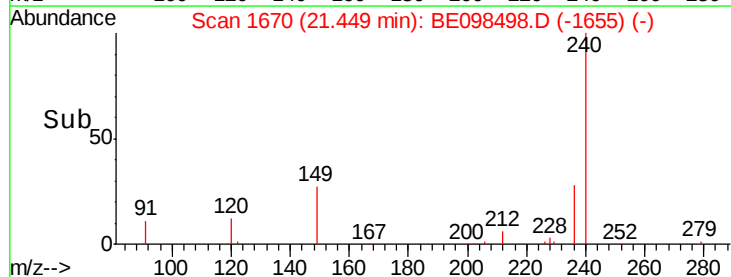
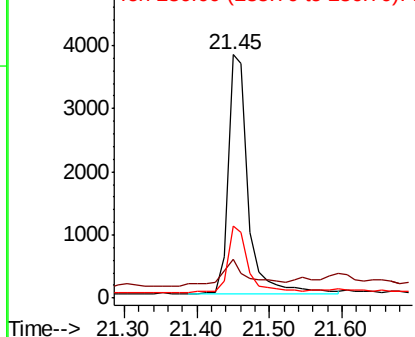


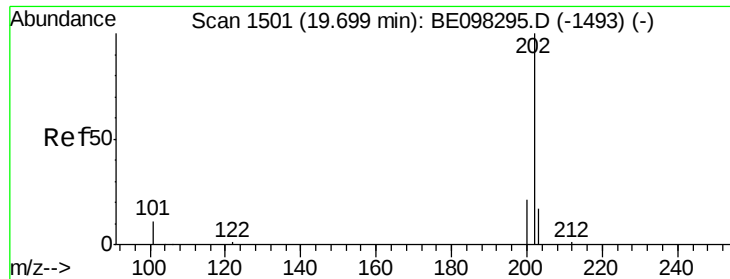
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098498.D
 Acq: 16 Dec 2018 8:39

Tgt Ion:240 Resp: 7408
 Ion Ratio Lower Upper
 240 100
 120 15.9 9.5 14.3#
 236 29.8 22.7 34.1



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

Pvrene

Concen: 0.037 ng

RT: 19.69 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121118

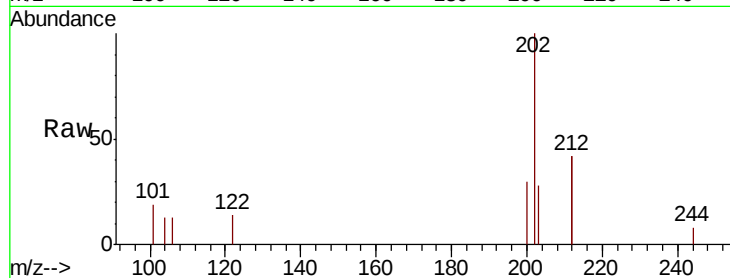
Tot Ion:202 Resp: 868

Ion Ratio Lower Upper

202 100

200 23.5 16.7 25.1

203 26.8 14.1 21.1#

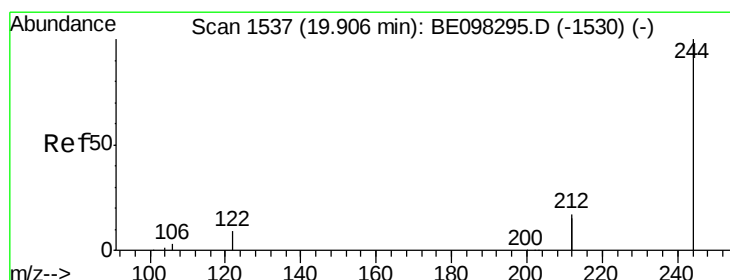
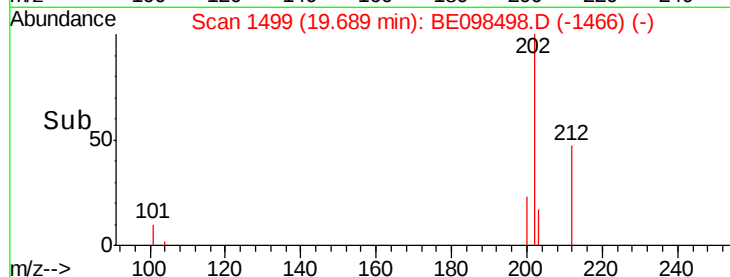
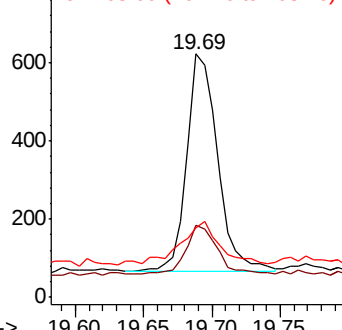


Abundance

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: 0.434 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

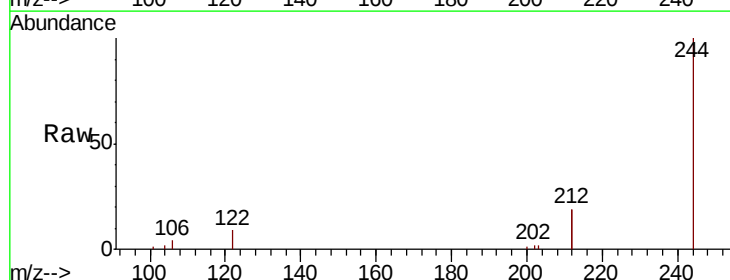
Tgt Ion:244 Resp: 7813

Ion Ratio Lower Upper

244 100

212 37.3 27.4 41.0

122 9.5 8.3 12.5

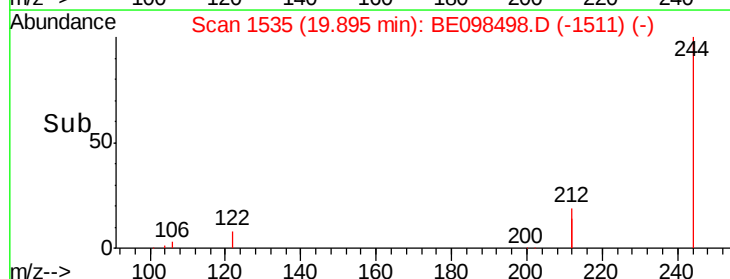
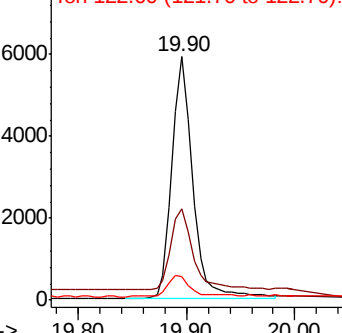


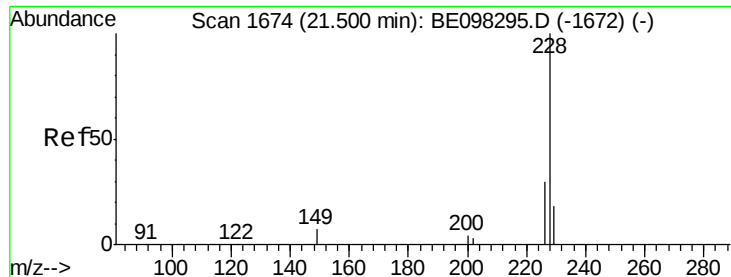
Abundance

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





#31

Chrysene

Concen: 0.033 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121118

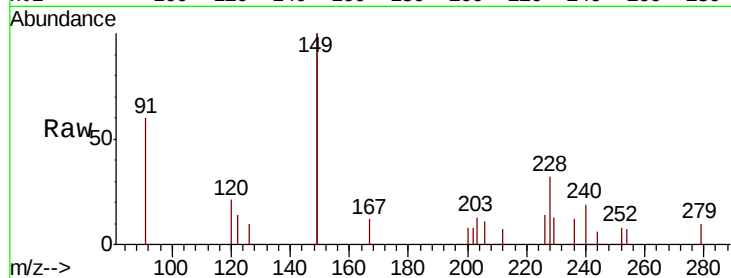
Tot Ion:228 Resp: 722

Ion Ratio Lower Upper

228 100

226 44.3 23.4 35.0#

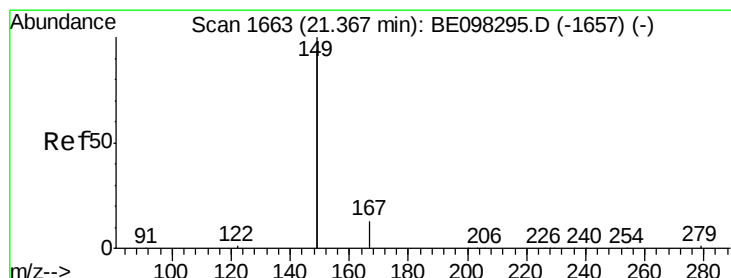
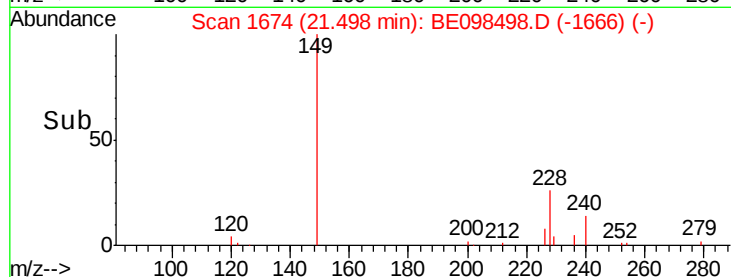
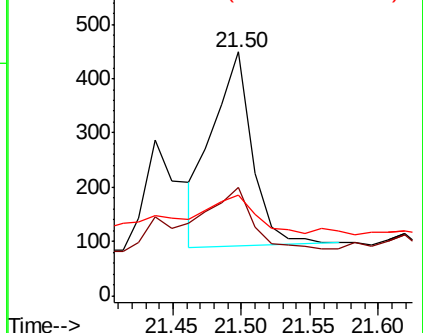
229 41.2 16.2 24.4#



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: 0.293 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

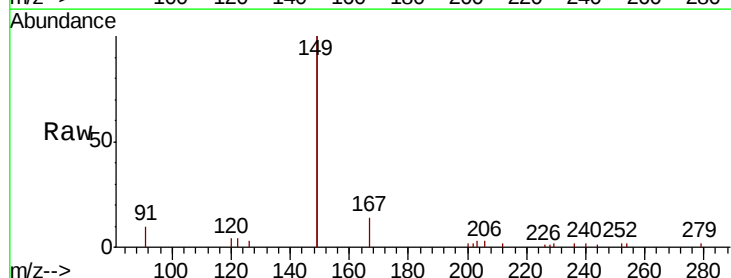
Tgt Ion:149 Resp: 12544

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

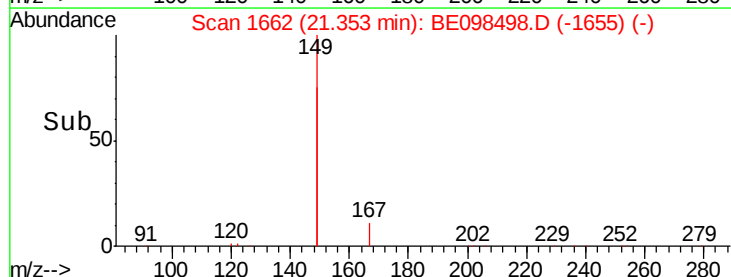
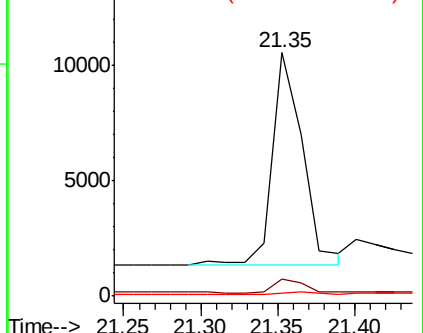
279 0.9 1.0 1.4#

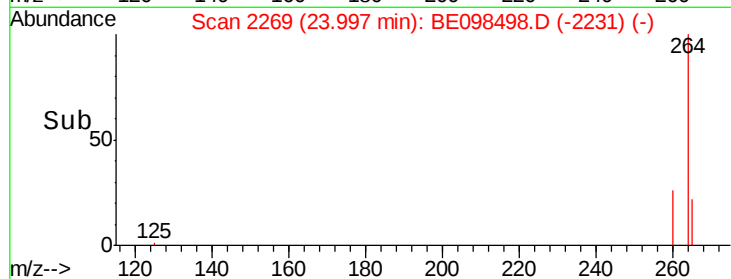
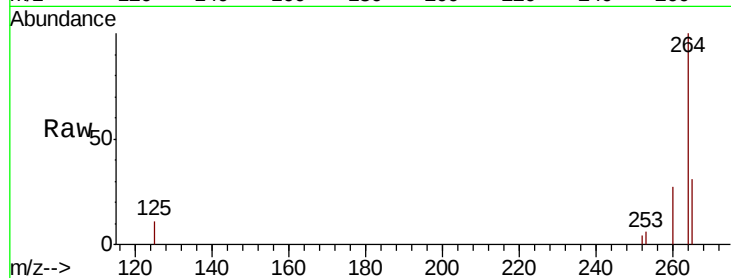
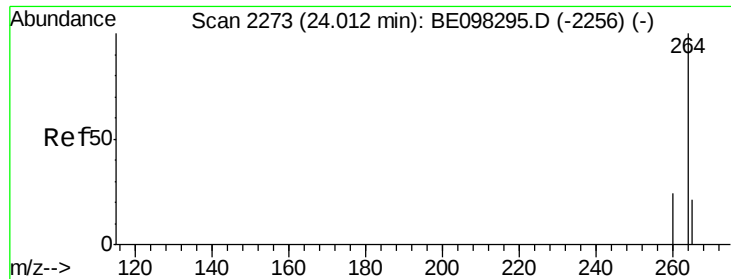


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098498.D

Acq: 16 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121118

Tot Ion:264 Resp: 7027

Ion Ratio Lower Upper

264 100

260 26.9 20.2 30.2

265 30.7 25.2 37.8

