

Data File : BE098495.D
Acq On : 16 Dec 2018 6:45
Operator : SJ/JU
Sample : J6398-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Quant Time: Dec 17 02:03:30 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

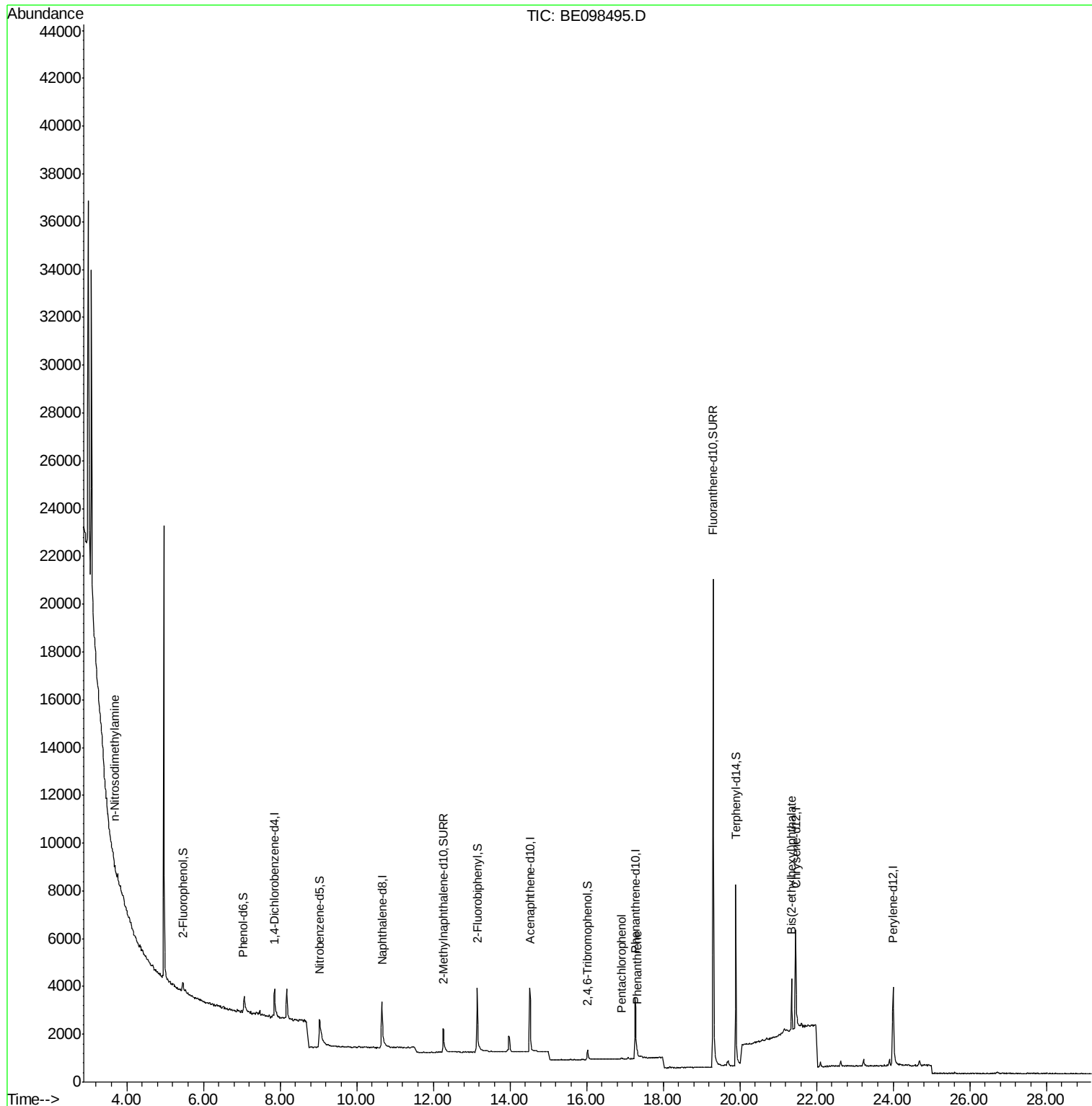
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	697	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	2971	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	1915	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5071	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6093	0.40	ng	0.00
34) Perylene-d12	24.00	264	5839	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	343	0.21	ng	0.00
5) Phenol-d6	7.04	99	290	0.13	ng	0.00
8) Nitrobenzene-d5	9.03	82	1050	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2107	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	355	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3805	0.47	ng	0.00
25) Fluoranthene-d10	19.30	212	32372	0.50	ng	0.00
29) Terphenyl-d14	19.89	244	7389	0.50	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.69	42	111	0.102	ng	Qvalue # 100
22) Pentachlorophenol	16.91	266	36	0.096	ng	98
23) Phenanthrene	17.31	178	280	0.023	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.35	149	2606	0.074	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

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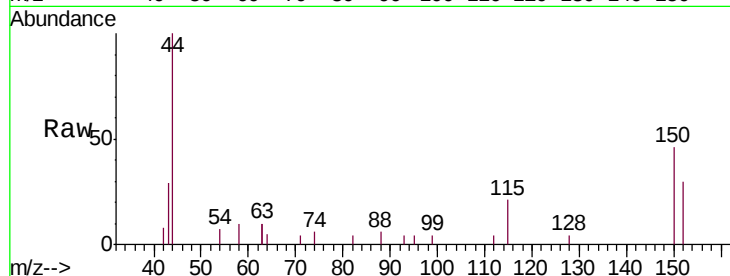
Tgt Ion:152 Resp: 697

Ion Ratio Lower Upper

152 100

150 150.3 124.2 186.4

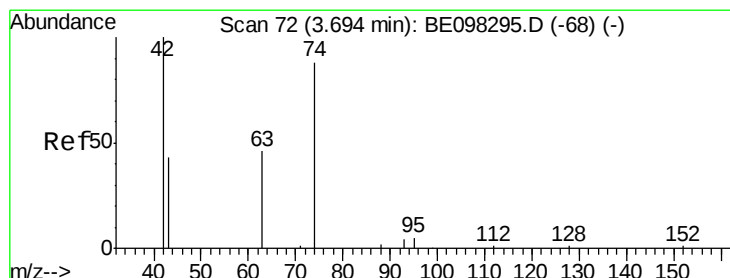
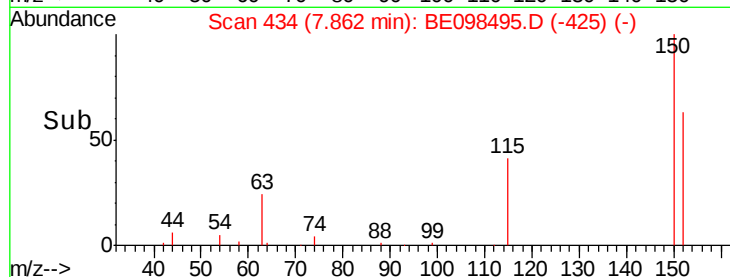
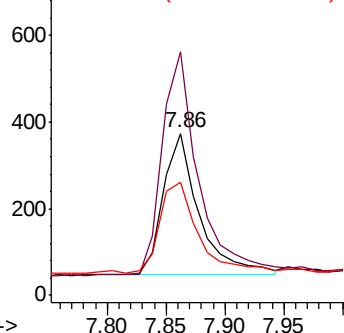
115 69.5 53.9 80.9



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



#3

n-Nitrosodimethylamine

Concen: 0.102 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

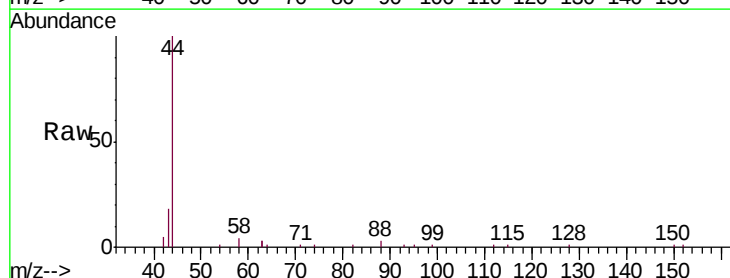
Tgt Ion: 42 Resp: 111

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

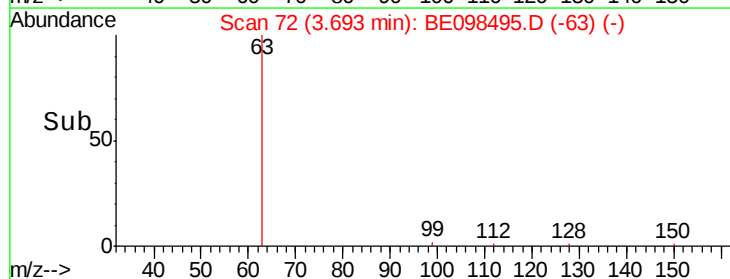
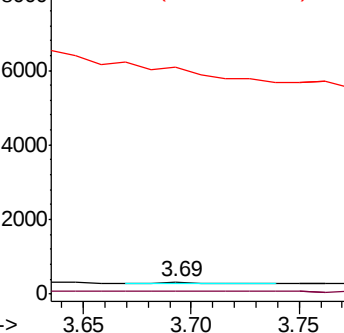
44 0.0 0.0 0.0

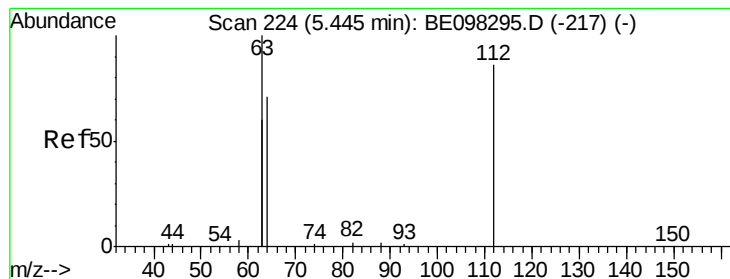


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.210 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

Instrument :

BNA_E

ClientSampleId :

C-MW-05-121118

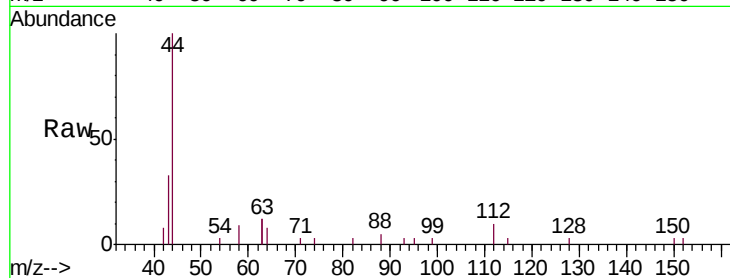
Tgt Ion: 112 Resp: 343

Ion Ratio Lower Upper

112 100

64 79.3 59.8 89.8

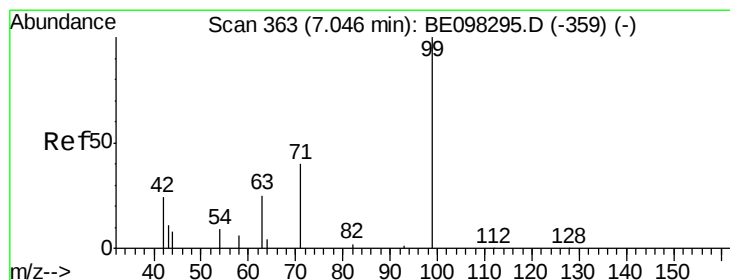
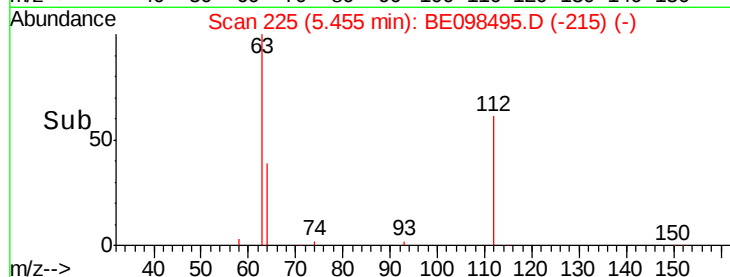
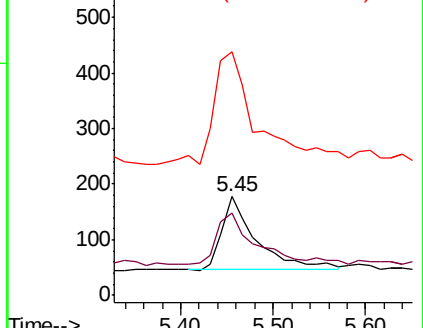
63 197.1 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.126 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

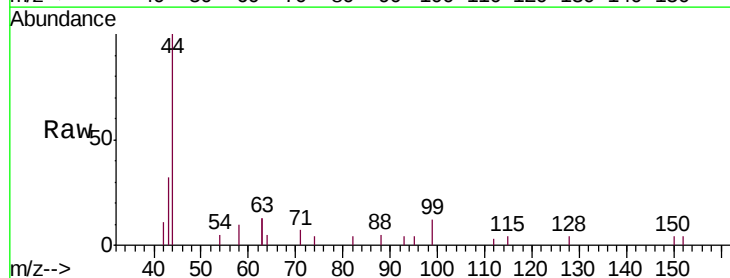
Tgt Ion: 99 Resp: 290

Ion Ratio Lower Upper

99 100

42 56.9 26.3 39.5#

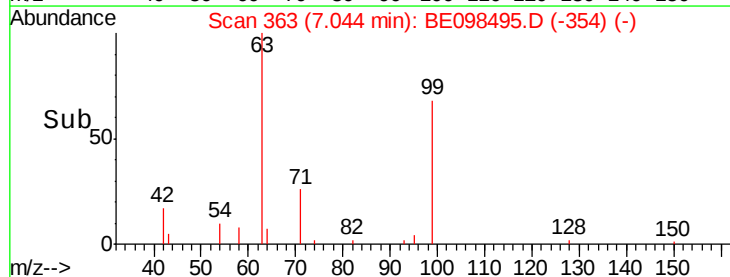
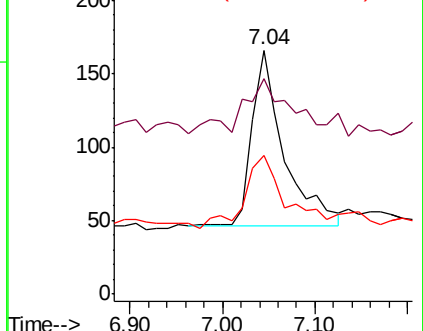
71 52.1 33.6 50.4#



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

Instrument :

BNA_E

ClientSampleId :

C-MW-05-121118

Tgt Ion: 136 Resp: 2971

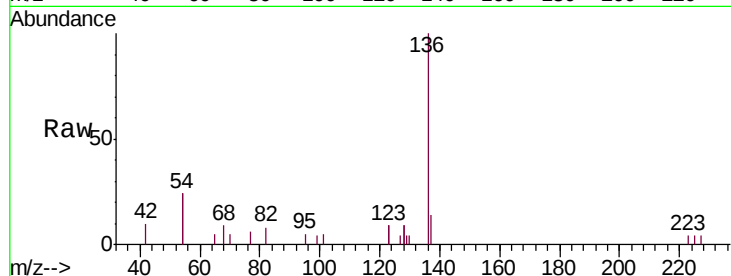
Ion Ratio Lower Upper

136 100

137 14.3 9.2 13.8#

54 48.3 28.4 42.6#

68 8.9 5.4 8.0#

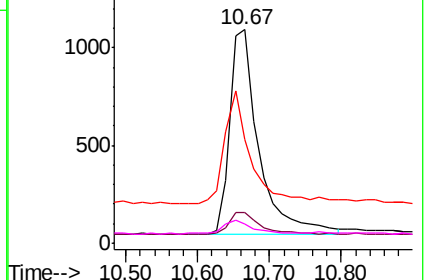
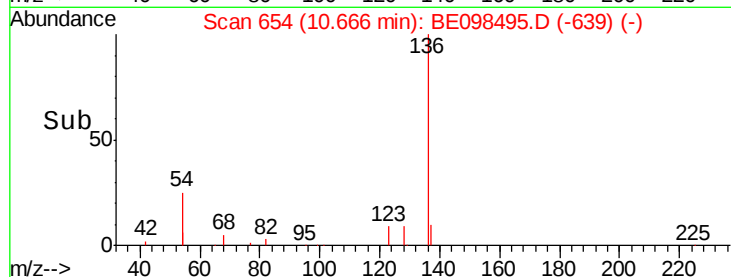


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

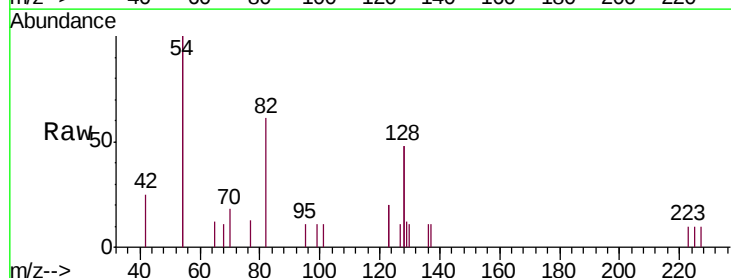
Tgt Ion: 82 Resp: 1050

Ion Ratio Lower Upper

82 100

128 155.1 102.4 153.6#

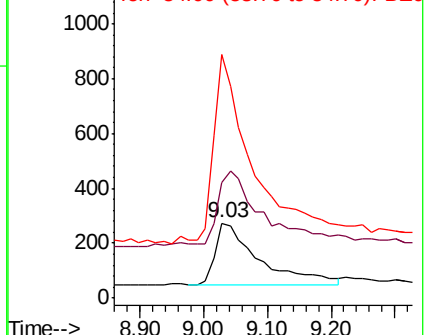
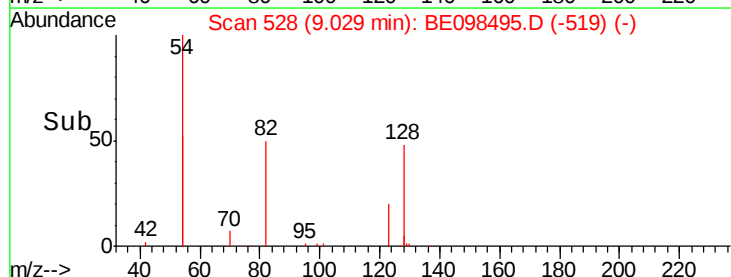
54 326.5 221.8 332.8



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: 0.436 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

Instrument :

BNA_E

ClientSampleId :

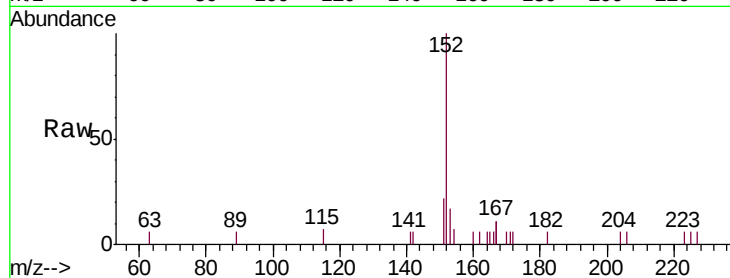
C-MW-05-121118

Tgt Ion:152 Resp: 2107

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

800

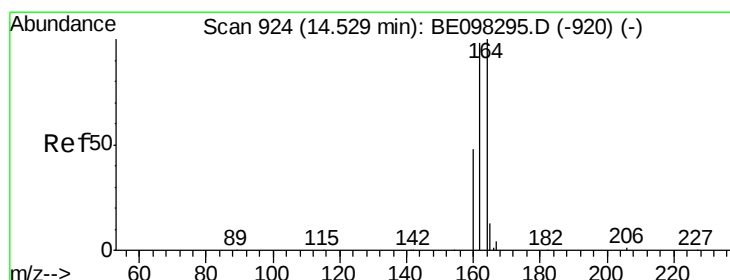
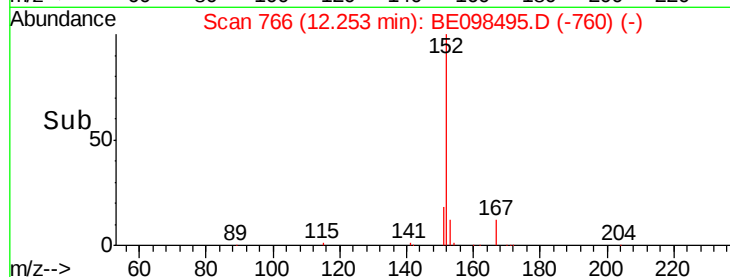
600

400

200

0

Time--> 12.10 12.20 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

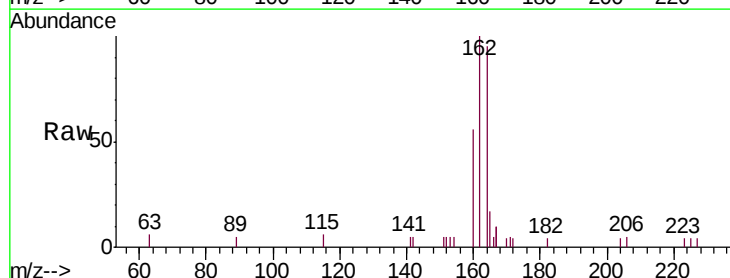
Tgt Ion:164 Resp: 1915

Ion Ratio Lower Upper

164 100

162 105.3 77.6 116.4

160 58.9 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

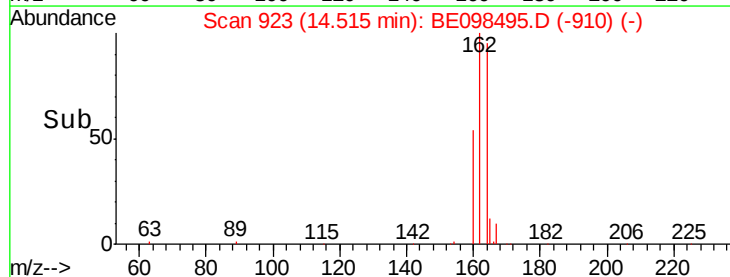
14.52

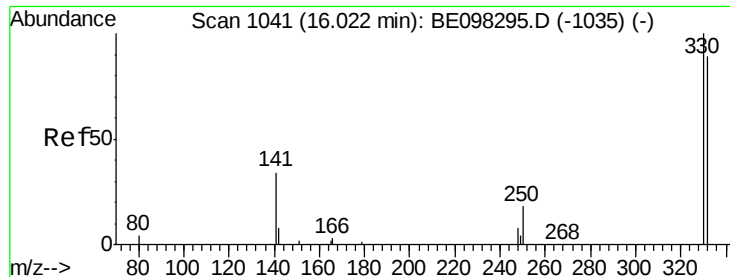
1000

500

0

Time--> 14.40 14.50 14.60 14.70

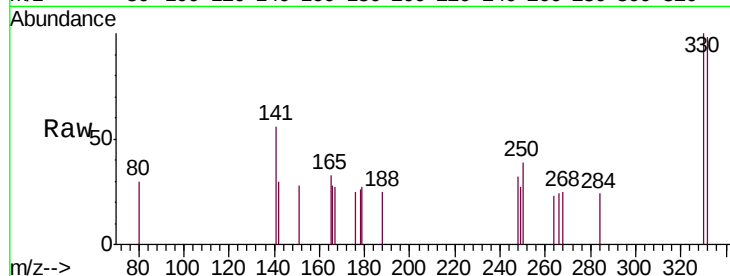




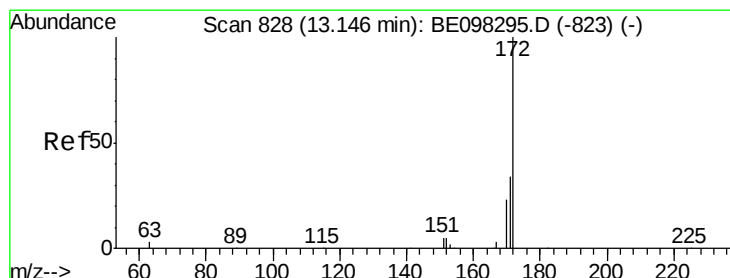
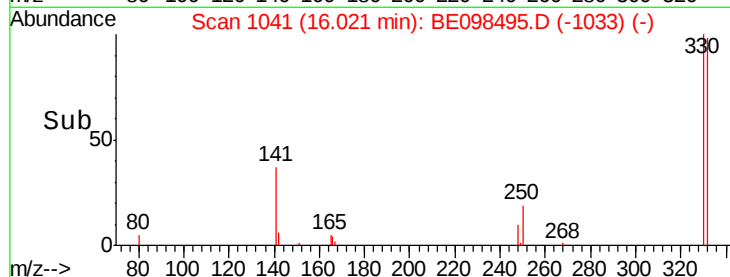
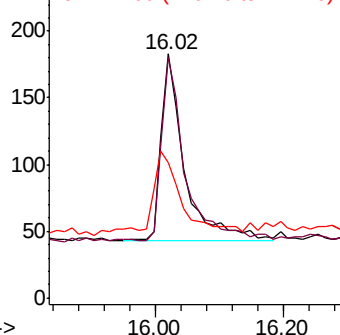
#14
2,4,6-Tribromophenol
Concen: 0.505 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Tgt Ion: 330 Resp: 355
Ion Ratio Lower Upper
330 100
332 99.7 76.2 114.4
141 46.2 39.0 58.4

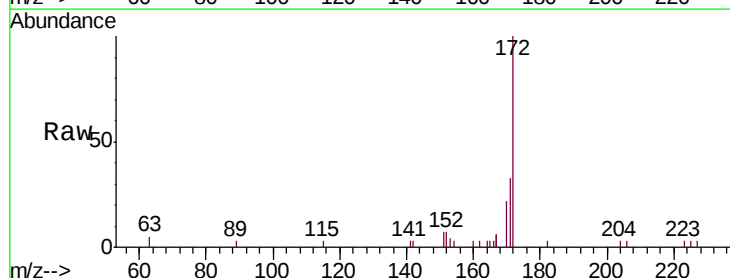


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

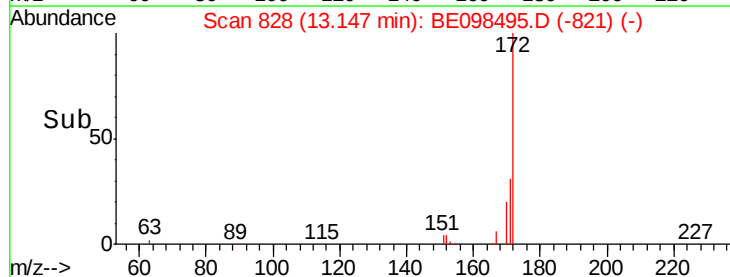
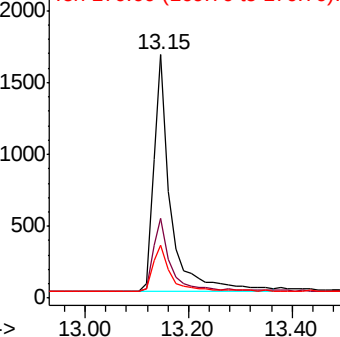


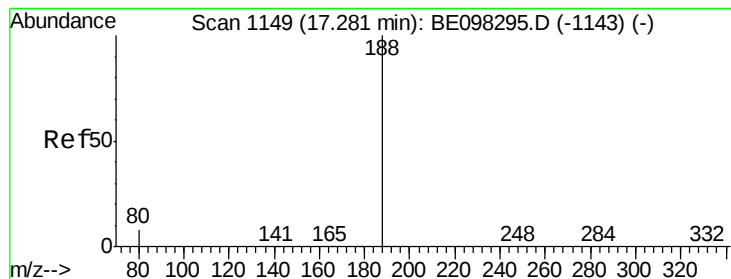
#15
2-Fluorobiphenyl
Concen: 0.471 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Tgt Ion: 172 Resp: 3805
Ion Ratio Lower Upper
172 100
171 32.5 27.5 41.3
170 22.0 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: BE098495.D

Acq: 16 Dec 2018 6:45

Instrument :

BNA_E

ClientSampleId :

C-MW-05-121118

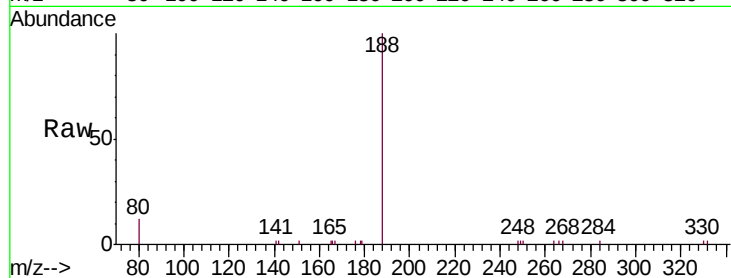
Tgt Ion:188 Resp: 5071

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

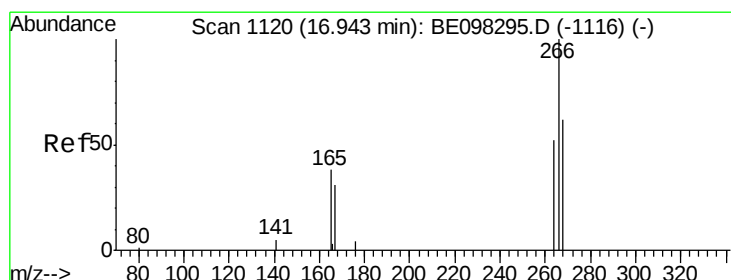
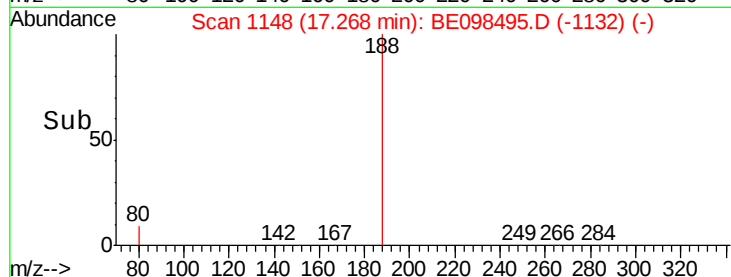
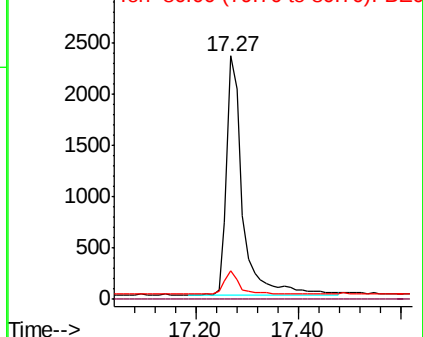
80 11.6 7.2 10.8#



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



#22

Pentachlorophenol

Concen: 0.096 ng

RT: 16.91 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

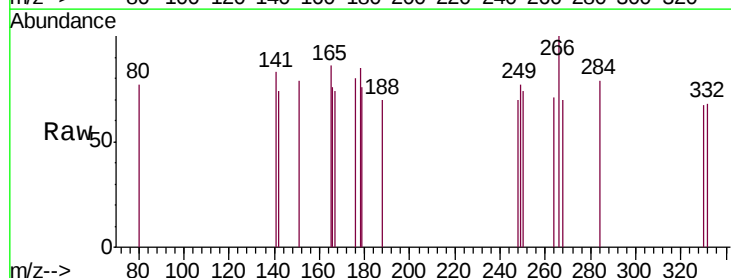
Tgt Ion:266 Resp: 36

Ion Ratio Lower Upper

266 100

264 71.2 59.0 88.4

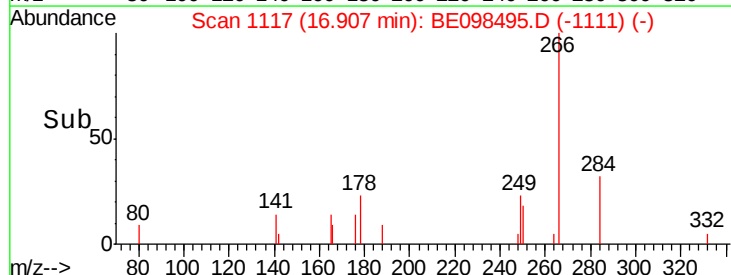
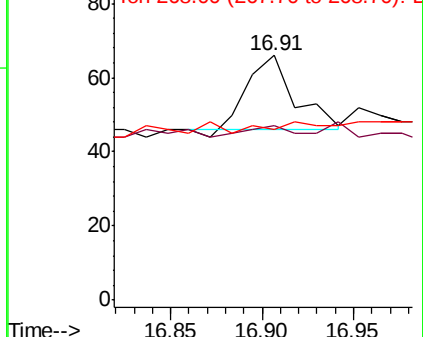
268 69.7 55.1 82.7

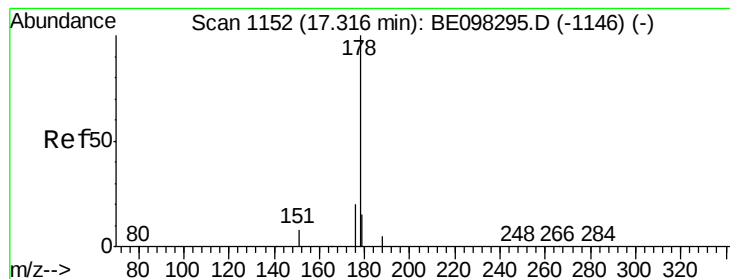


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.023 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

Instrument :

BNA_E

ClientSampleId :

C-MW-05-121118

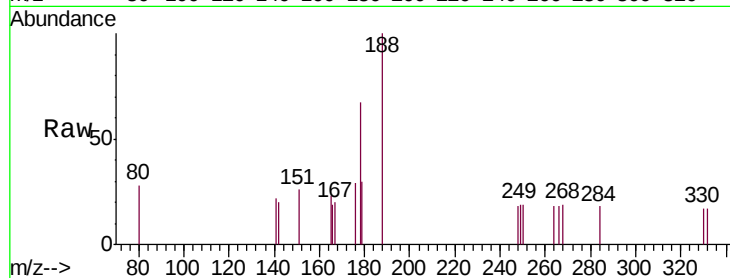
Tgt Ion:178 Resp: 280

Ion Ratio Lower Upper

178 100

176 18.6 15.9 23.9

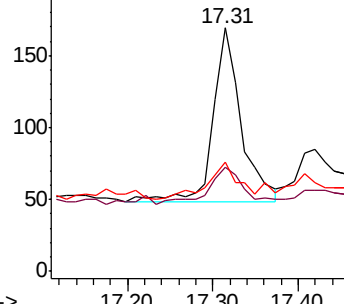
179 23.6 12.3 18.5#



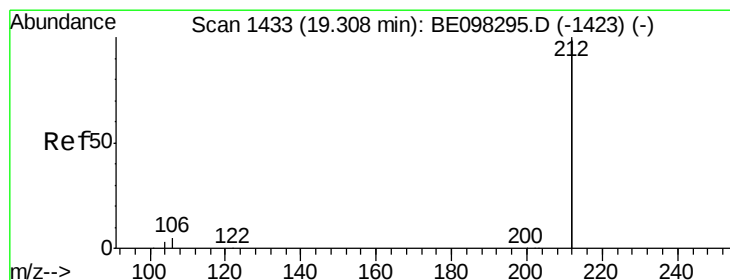
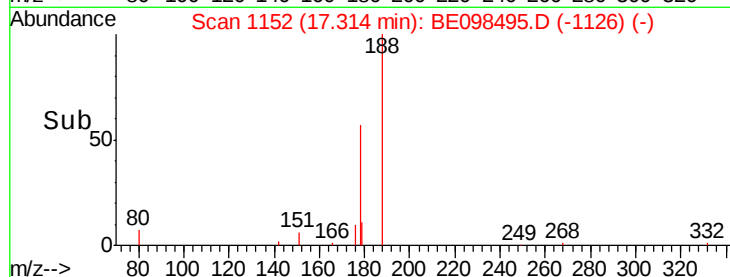
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.498 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

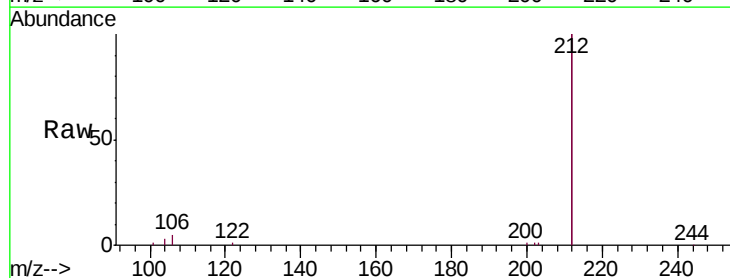
Tgt Ion:212 Resp: 32372

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

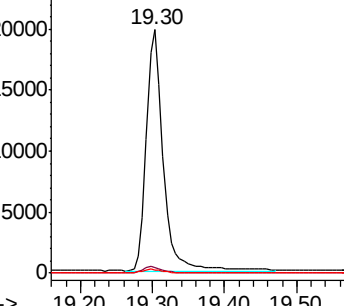
104 1.3 1.3 1.9



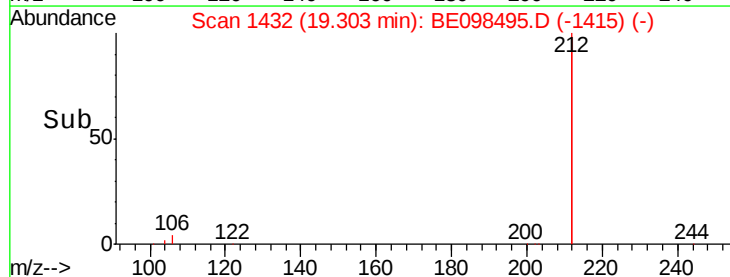
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

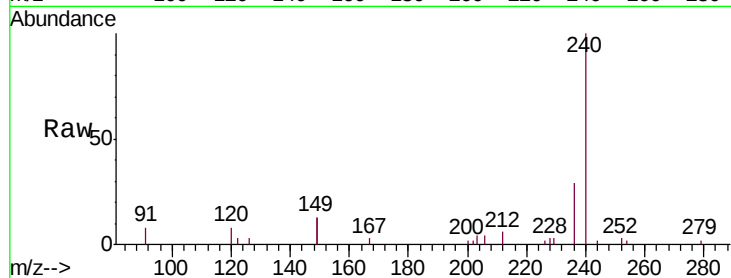




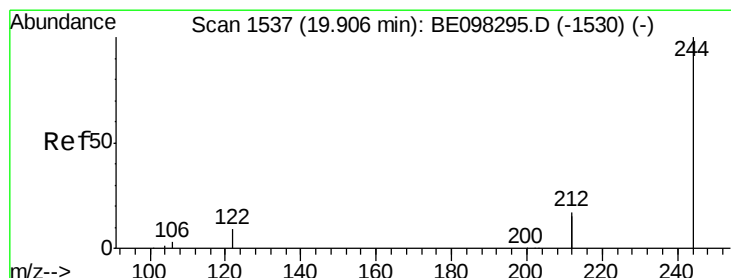
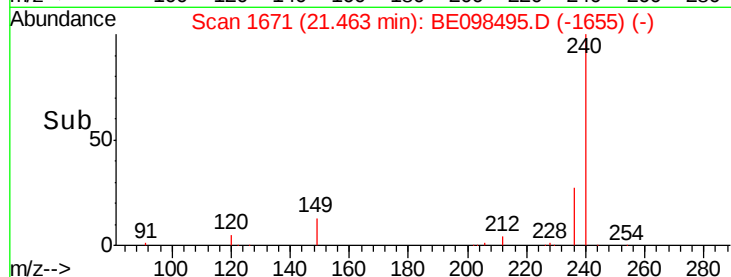
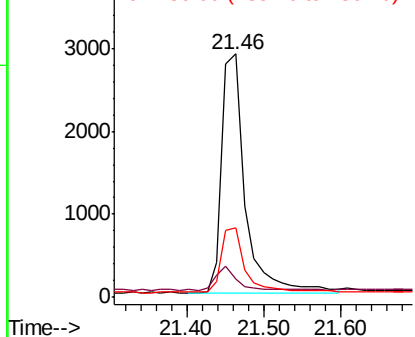
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098495.D
 Acq: 16 Dec 2018 6:45

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-05-121118

Tgt Ion:240 Resp: 6093
 Ion Ratio Lower Upper
 240 100
 120 7.7 9.5 14.3#
 236 28.8 22.7 34.1

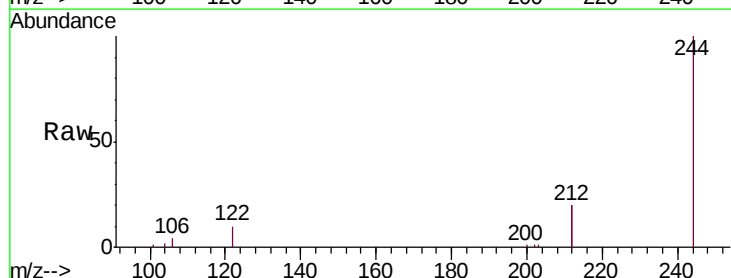


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

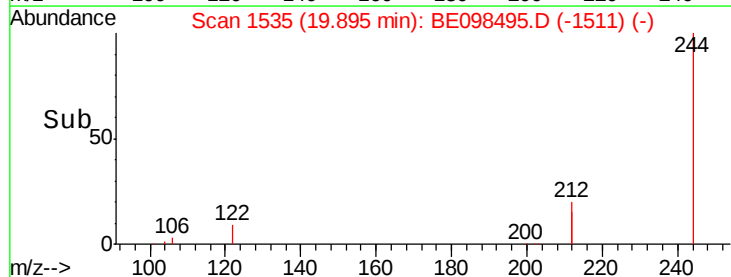
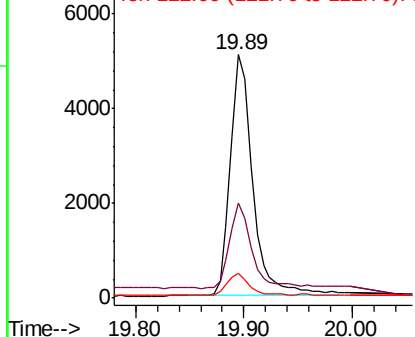


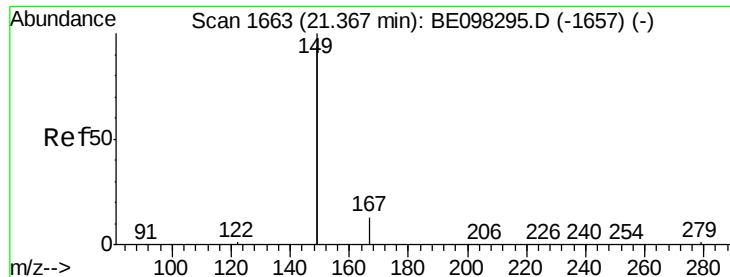
#29
 Terphenyl-d14
 Concen: 0.499 ng
 RT: 19.89 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BE098495.D
 Acq: 16 Dec 2018 6:45

Tgt Ion:244 Resp: 7389
 Ion Ratio Lower Upper
 244 100
 212 39.3 27.4 41.0
 122 10.2 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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.074 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

Instrument :

BNA_E

ClientSampleId :

C-MW-05-121118

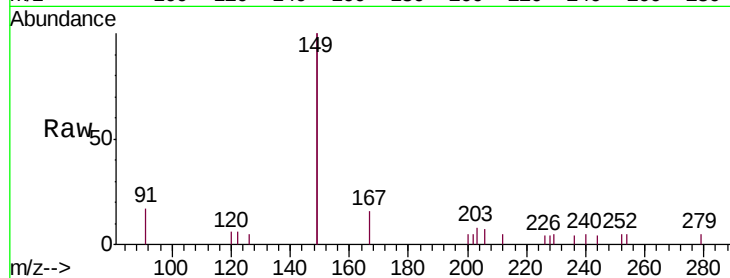
Tgt Ion:149 Resp: 2606

Ion Ratio Lower Upper

149 100

167 6.6 5.7 8.5

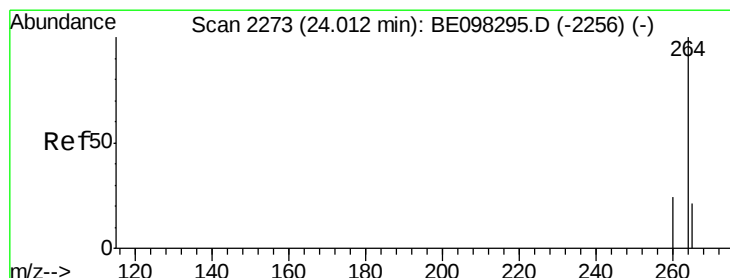
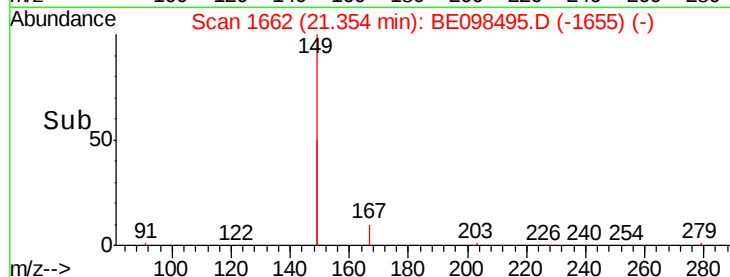
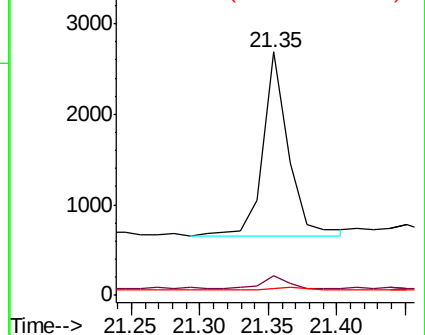
279 1.3 1.0 1.4



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

Perylene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098495.D

Acq: 16 Dec 2018 6:45

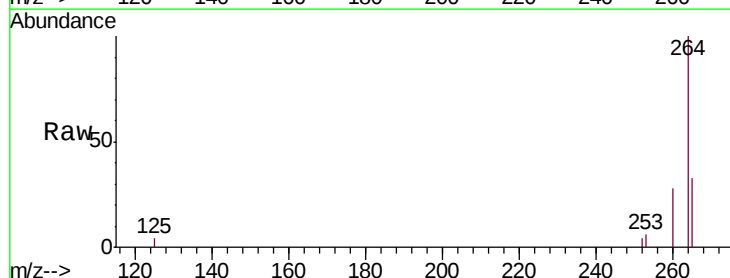
Tgt Ion:264 Resp: 5839

Ion Ratio Lower Upper

264 100

260 27.6 20.2 30.2

265 32.9 25.2 37.8



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

