

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097630.D
 Acq On : 22 Sep 2018 3:11
 Operator : SJ/JU
 Sample : J4980-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW02-20180916

Quant Time: Sep 22 04:10:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

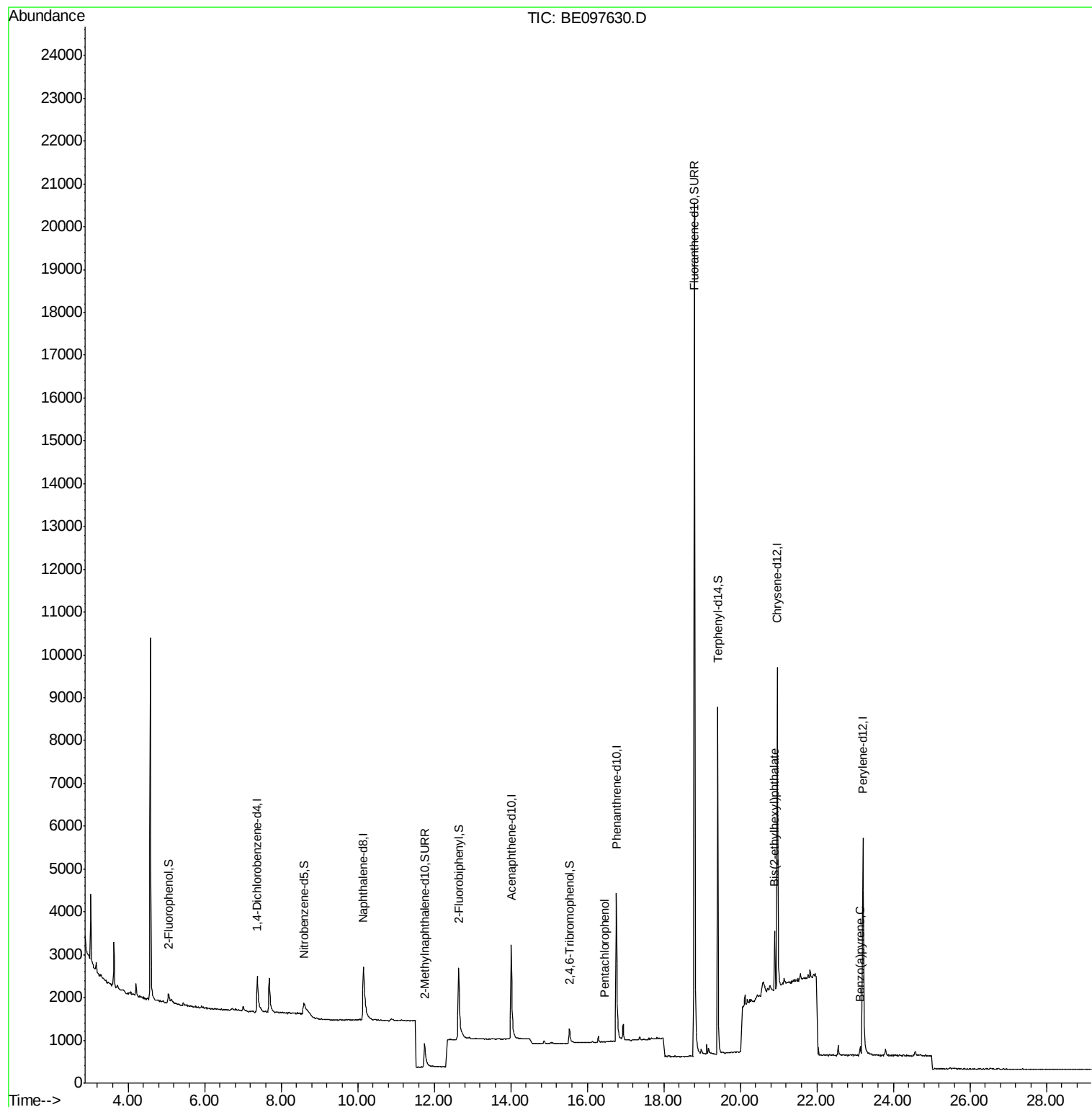
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	640	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2884	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1989	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6561	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8603	0.40	ng	0.00
34) Perylene-d12	23.21	264	8267	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	255	0.13	ng	0.00
5) Phenol-d6	6.57	99	3	0.00	ng	-0.03
8) Nitrobenzene-d5	8.59	82	509	0.23	ng	0.06
11) 2-Methylnaphthalene-d10	11.74	152	1605	0.40	ng	0.03
14) 2,4,6-Tribromophenol	15.53	330	283	0.39	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2889	0.41	ng	0.02
25) Fluoranthene-d10	18.80	212	32329	0.38	ng	0.00
29) Terphenyl-d14	19.41	244	7455	0.47	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.46	266	9	0.136	ng	Qvalue 92
32) Bis(2-ethylhexyl)phthalate	20.89	149	1980	0.065	ng	# 99
37) Benzo(a)pyrene	23.13	252	45	0.023	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.38 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE097630.D

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ClientSampleId :

BP-FW-MW02-20180916

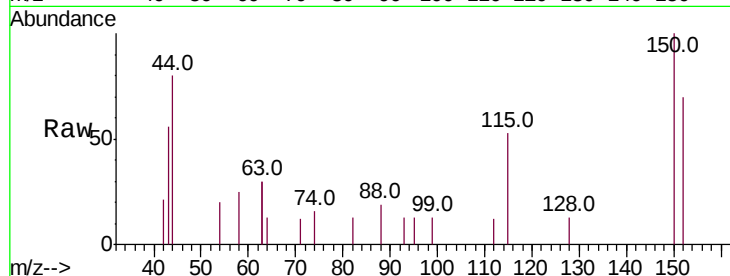
Tot Ion:152 Resp: 640

Ion Ratio Lower Upper

152 100

150 143.1 117.2 175.8

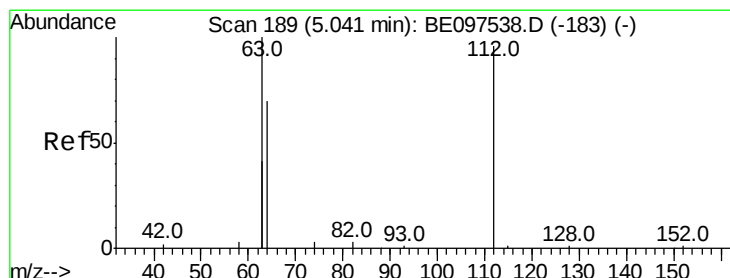
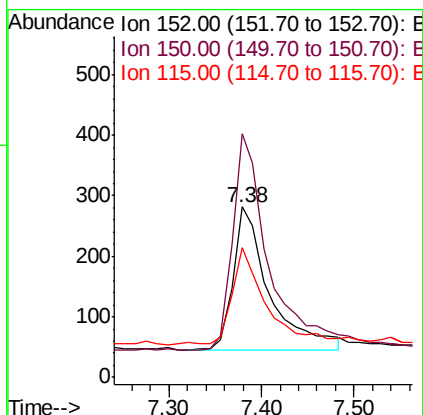
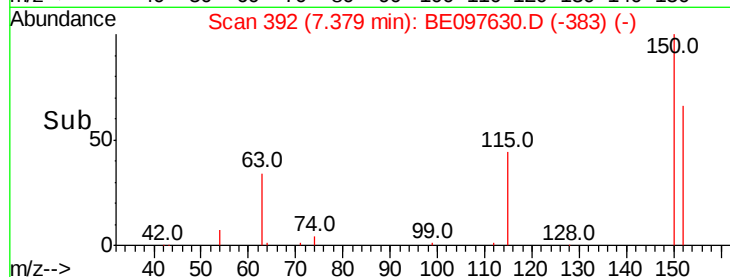
115 76.5 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.133 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

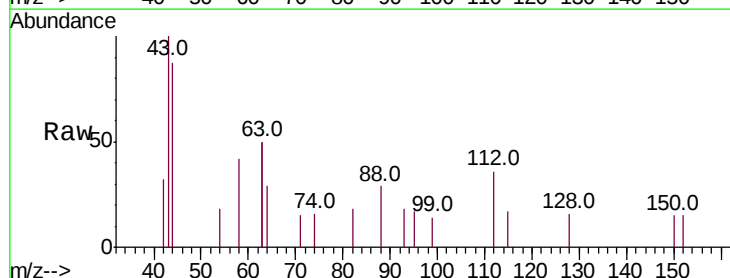
Tgt Ion:112 Resp: 255

Ion Ratio Lower Upper

112 100

64 69.4 60.1 90.1

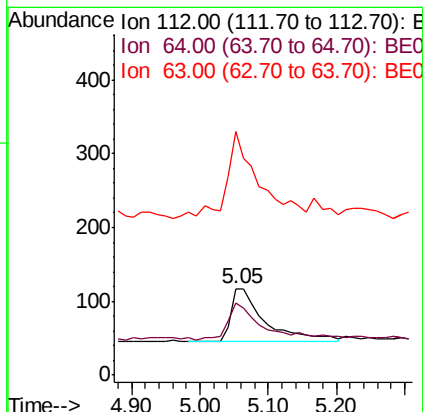
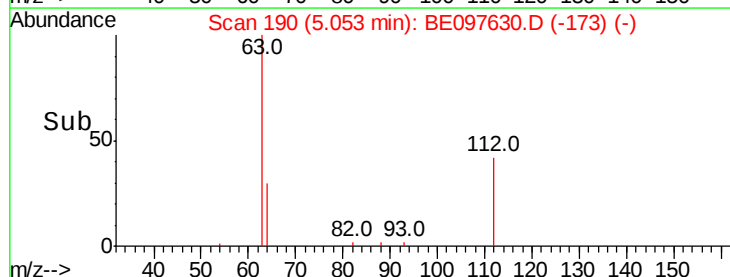
63 152.9 116.8 175.2

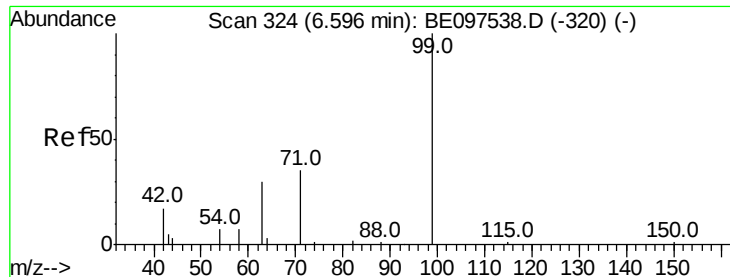


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.57 min Scan# 322

Delta R.T. -0.03 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

Instrument :

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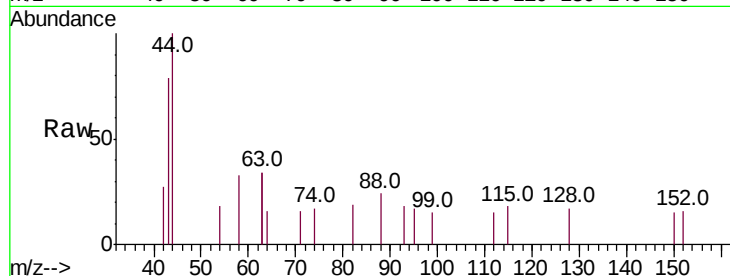
Tot Ion: 99 Resp: 3

Ion Ratio Lower Upper

99 100

42 200.0 20.2 30.2#

71 0.0 28.4 42.6#

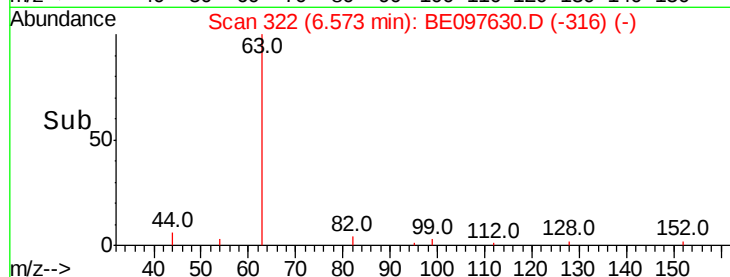


Abundance Ion 99.00 (98.70 to 99.70): BE0

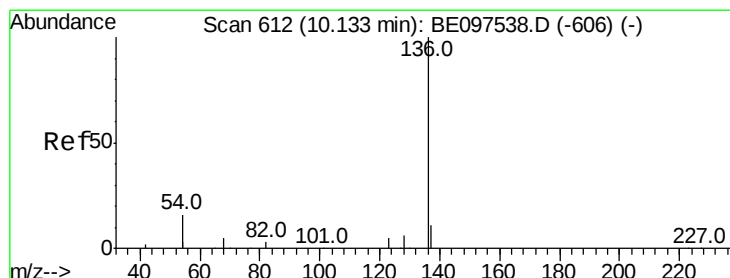
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

Tgt Ion: 136 Resp: 2884

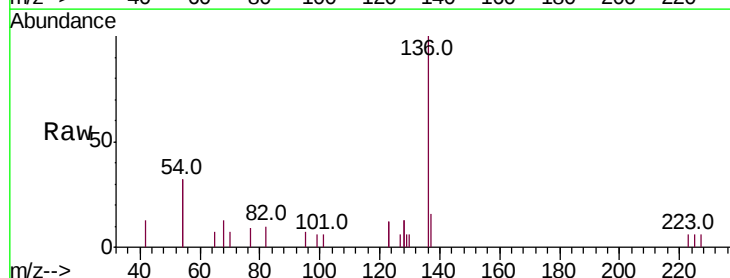
Ion Ratio Lower Upper

136 100

137 16.1 9.5 14.3#

54 64.4 29.1 43.7#

68 13.3 6.2 9.2#



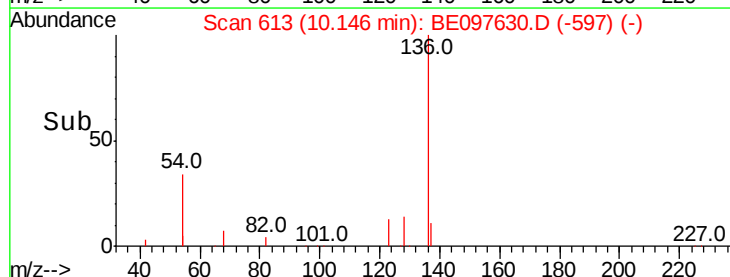
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

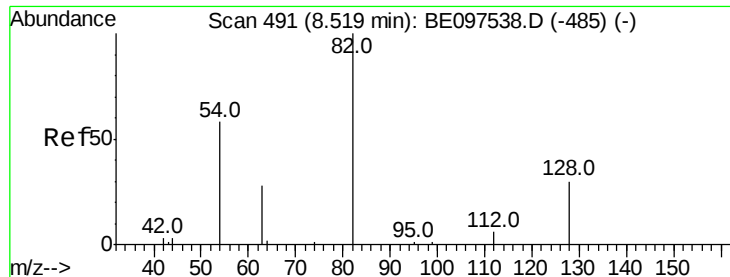
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.228 ng

RT: 8.59 min Scan# 497

Delta R.T. 0.06 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20180916

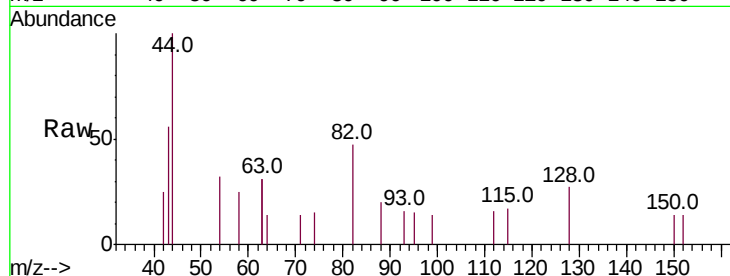
Tot Ion: 82 Resp: 509

Ion Ratio Lower Upper

82 100

128 57.9 24.0 36.0#

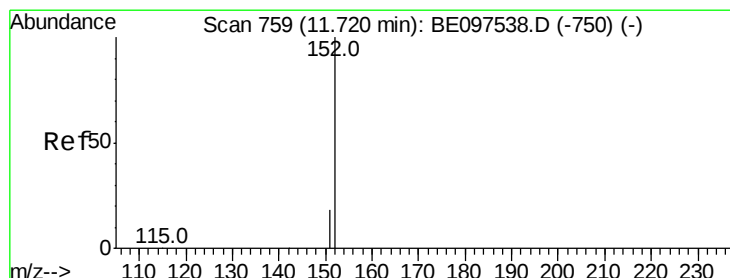
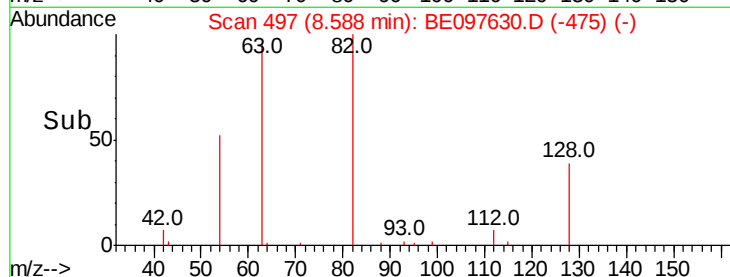
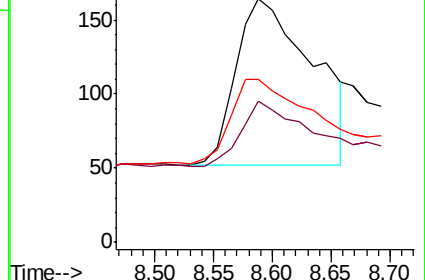
54 67.1 40.0 60.0#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 11.74 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE097630.D

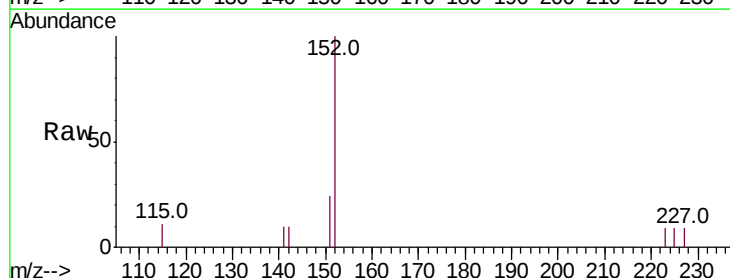
Acq: 22 Sep 2018 3:11

Tgt Ion: 152 Resp: 1605

Ion Ratio Lower Upper

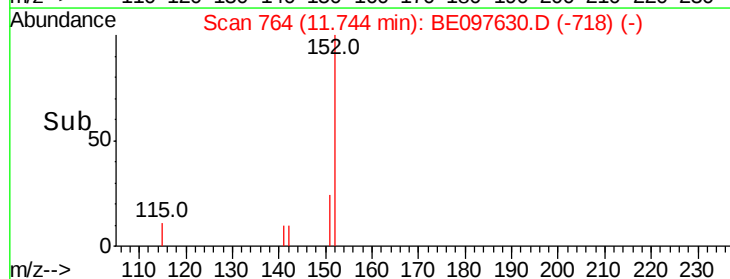
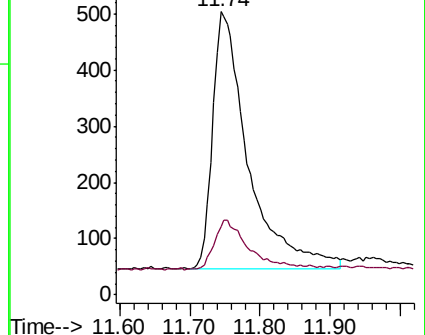
152 100

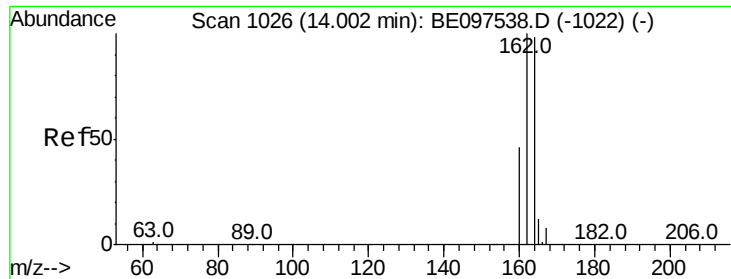
151 17.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

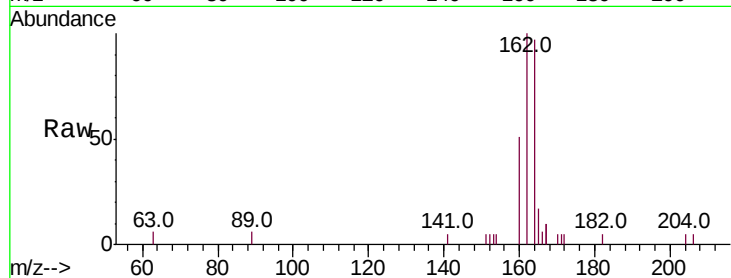




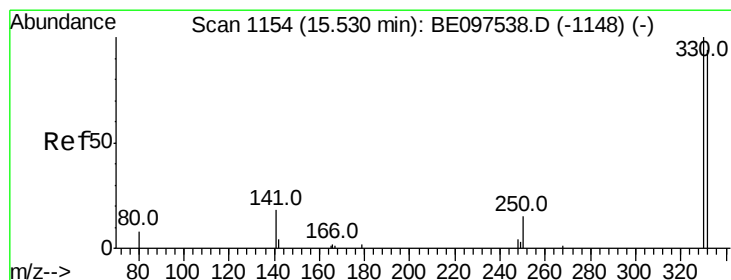
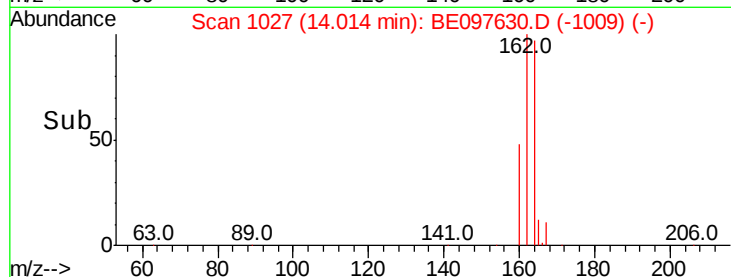
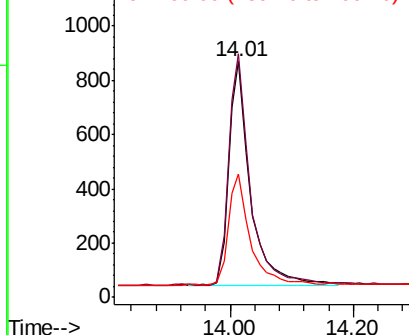
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE097630.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW02-20180916

Tot Ion:164 Resp: 1989
Ion Ratio Lower Upper
164 100
162 103.3 83.1 124.7
160 52.6 37.1 55.7

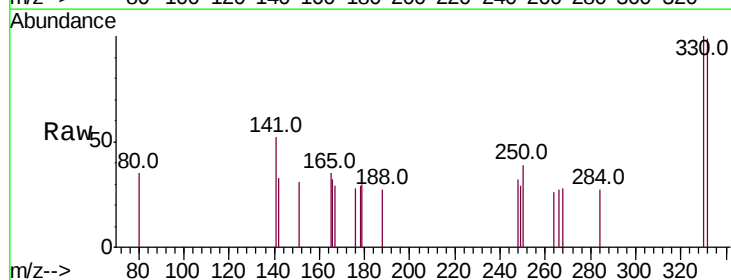


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

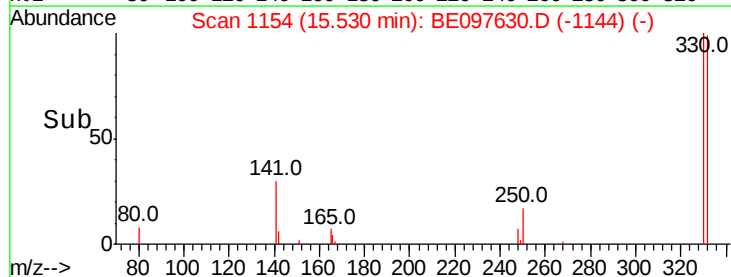
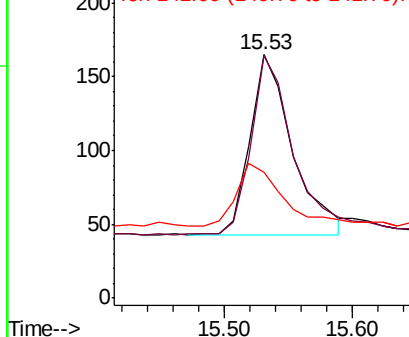


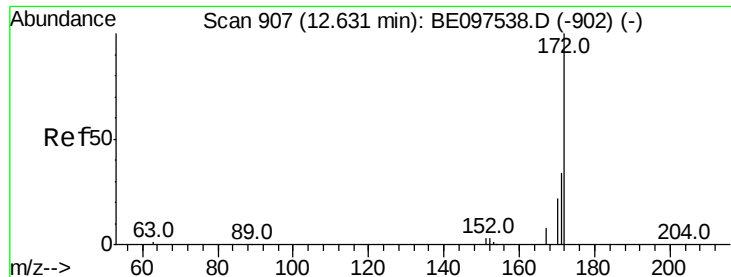
#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097630.D
Acq: 22 Sep 2018 3:11

Tgt Ion:330 Resp: 283
Ion Ratio Lower Upper
330 100
332 98.6 152.7 229.1#
141 36.4 33.7 50.5



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

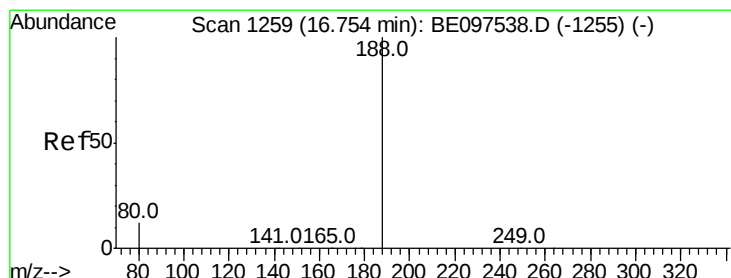
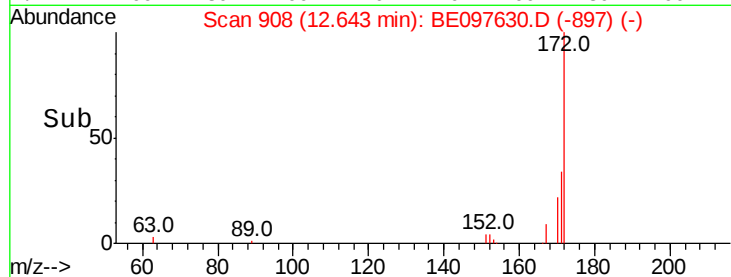
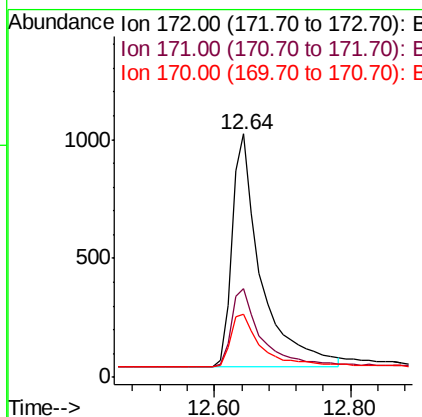
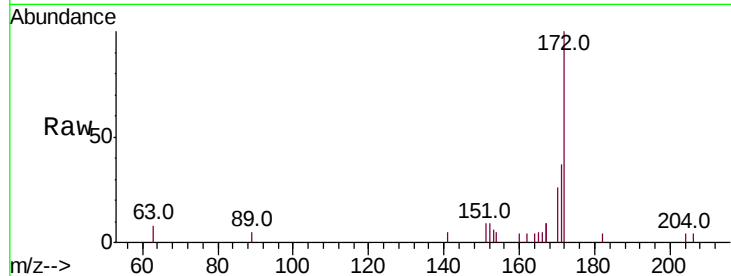




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.02 min
Lab File: BE097630.D
Acq: 22 Sep 2018 3:11

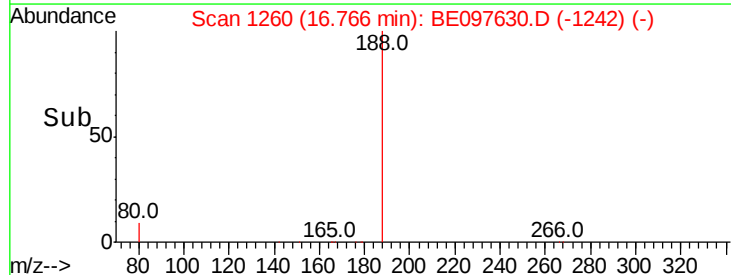
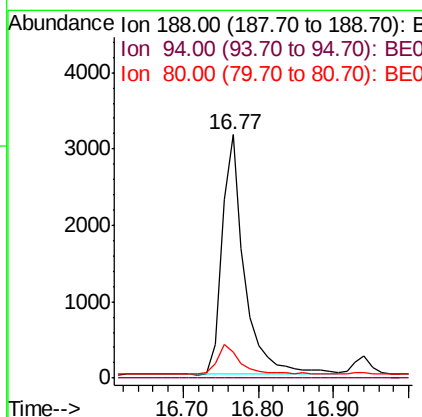
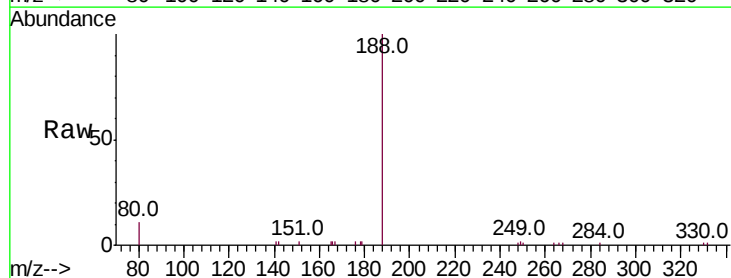
Instrument :
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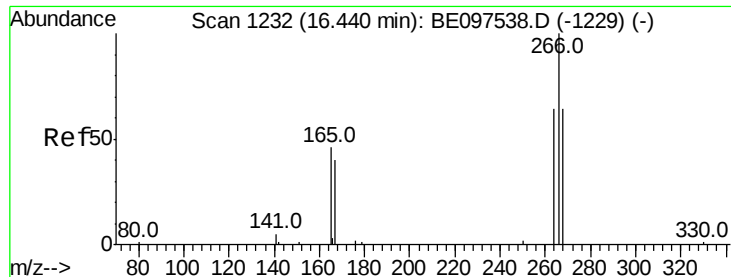
Tot Ion:172 Resp: 2889
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 25.9 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097630.D
Acq: 22 Sep 2018 3:11

Tgt Ion:188 Resp: 6561
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.8 3.6 5.4#

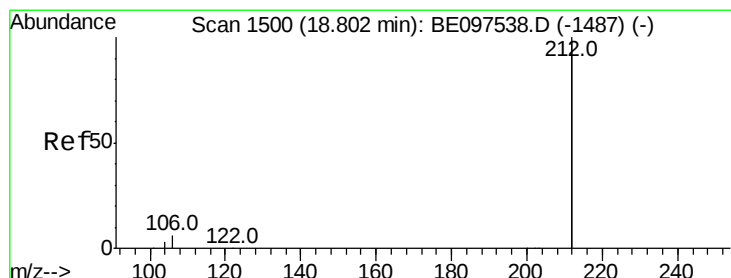
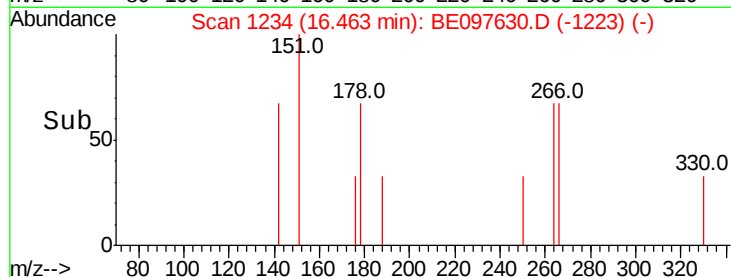
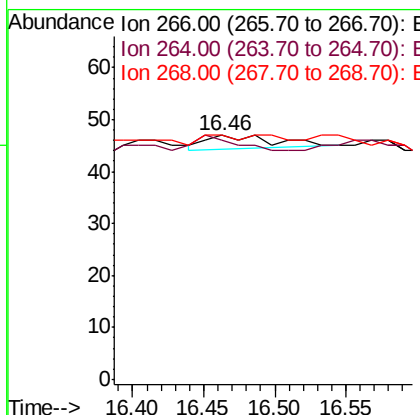
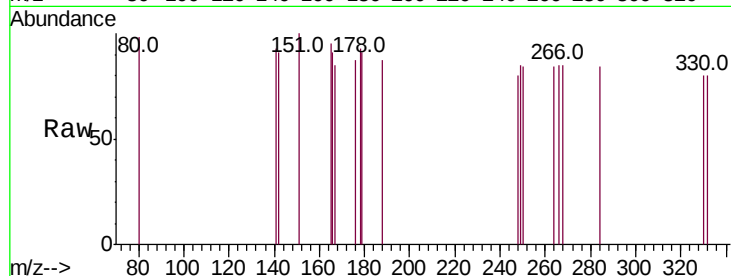




#22
 Pentachlorophenol
 Concen: 0.136 ng
 RT: 16.46 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: BE097630.D
 Acq: 22 Sep 2018 3:11

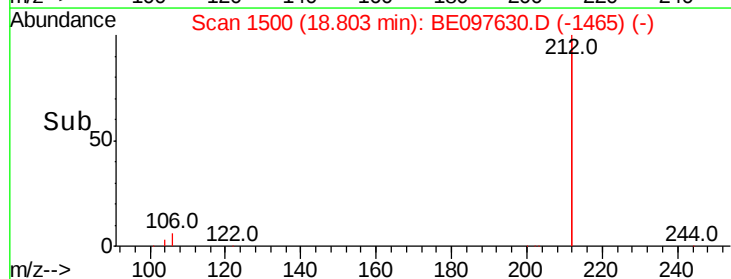
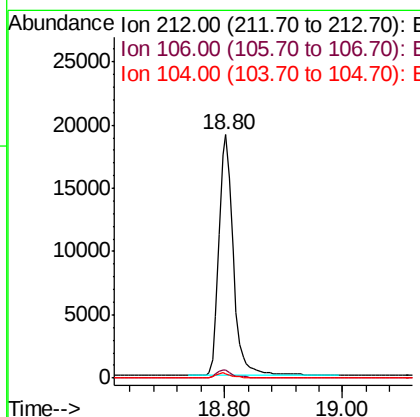
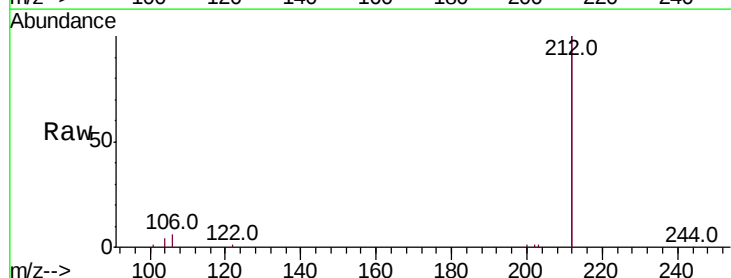
Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW02-20180916

Tot Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 97.9 72.5 108.7
 268 100.0 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.385 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BE097630.D
 Acq: 22 Sep 2018 3:11

Tgt Ion:212 Resp: 32329
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.8 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20180916

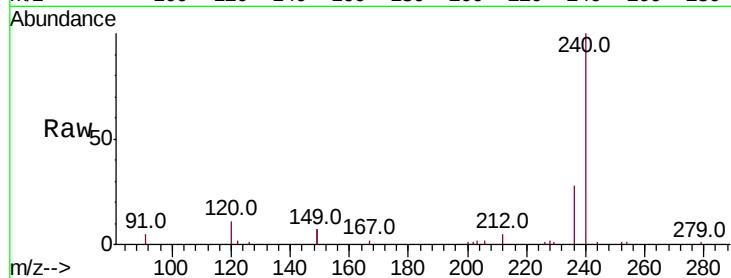
Tot Ion:240 Resp: 8603

Ion Ratio Lower Upper

240 100

120 10.9 5.5 8.3#

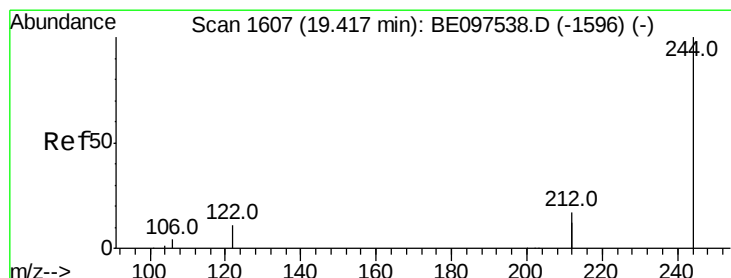
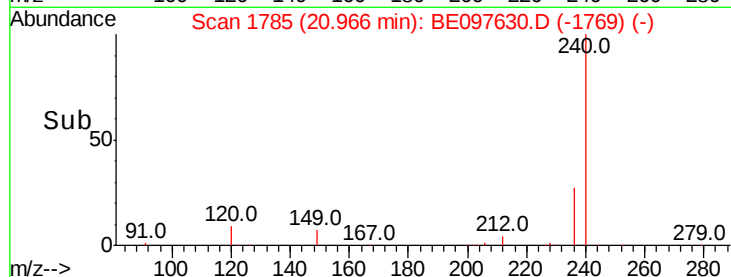
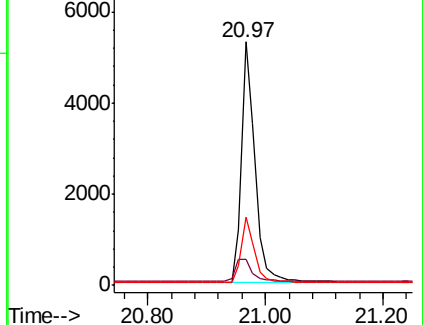
236 27.9 20.7 31.1



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: 0.473 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

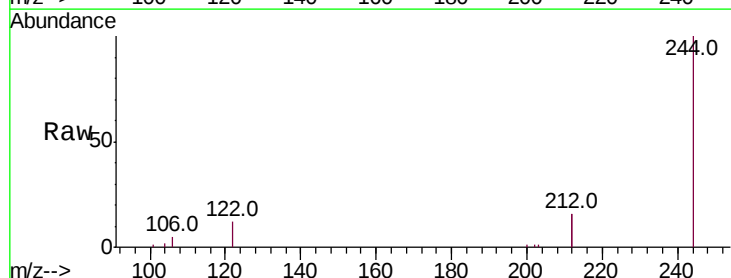
Tgt Ion:244 Resp: 7455

Ion Ratio Lower Upper

244 100

212 32.2 25.4 38.0

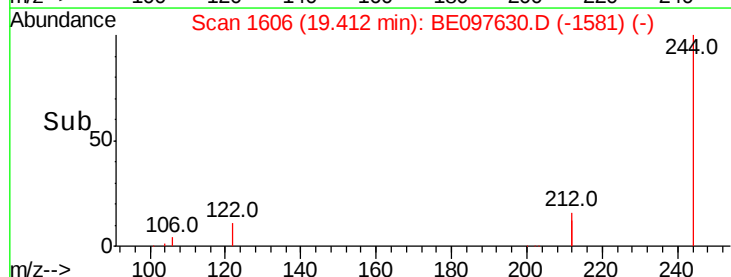
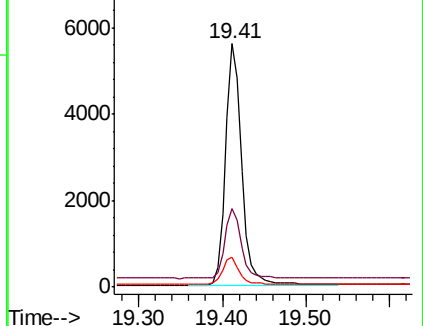
122 12.2 8.1 12.1#



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

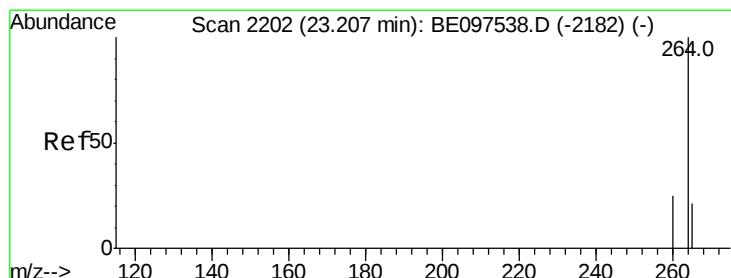
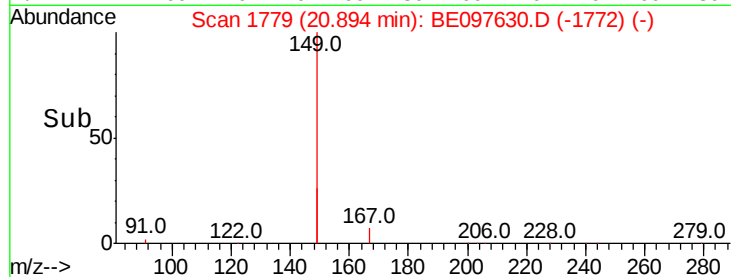
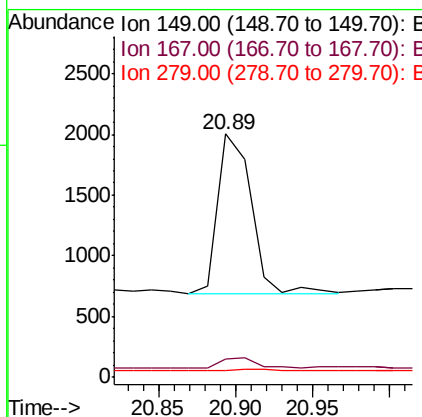
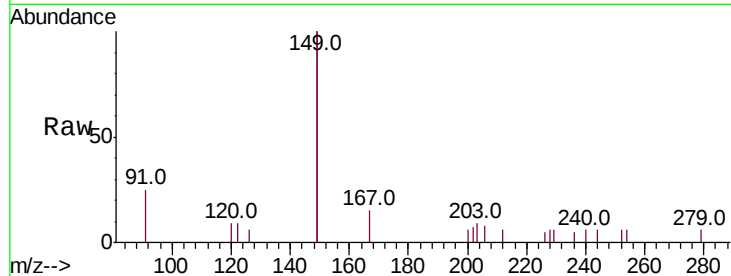




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BE097630.D
 Acq: 22 Sep 2018 3:11

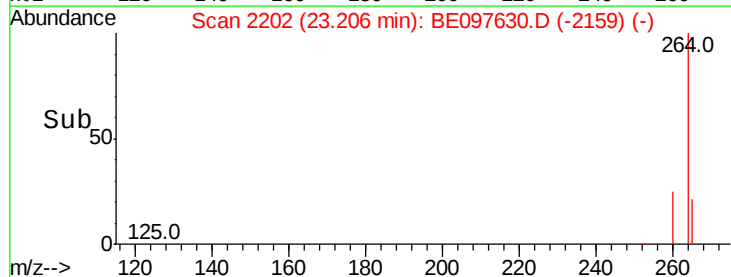
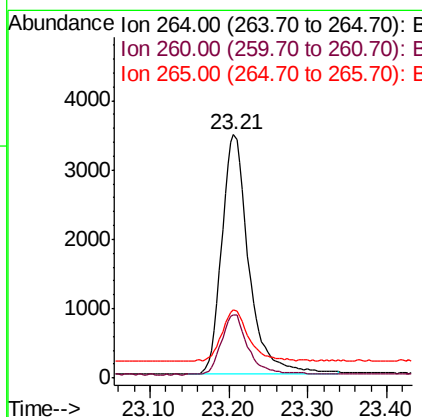
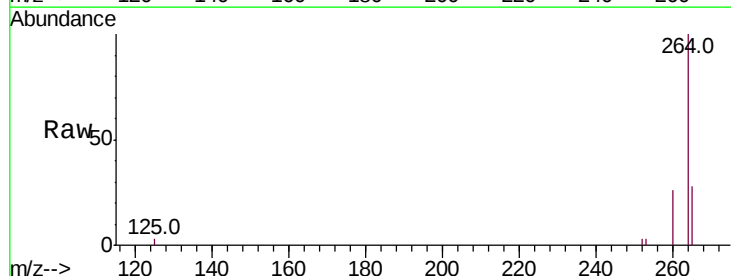
Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW02-20180916

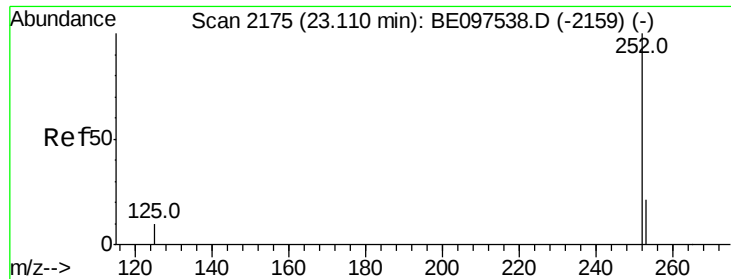
Tot Ion:149 Resp: 1980
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.4 8.0
 279 1.9 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097630.D
 Acq: 22 Sep 2018 3:11

Tgt Ion:264 Resp: 8267
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 27.8 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.023 ng

RT: 23.13 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20180916

Tot Ion: 252 Resp: 45

Ion Ratio Lower Upper

252 100

253 145.5 16.0 24.0#

125 267.7 12.0 18.0#

