

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097577.D
 Acq On : 20 Sep 2018 17:13
 Operator : SJ/JU
 Sample : J4913-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20180912

Quant Time: Sep 21 06:37:52 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

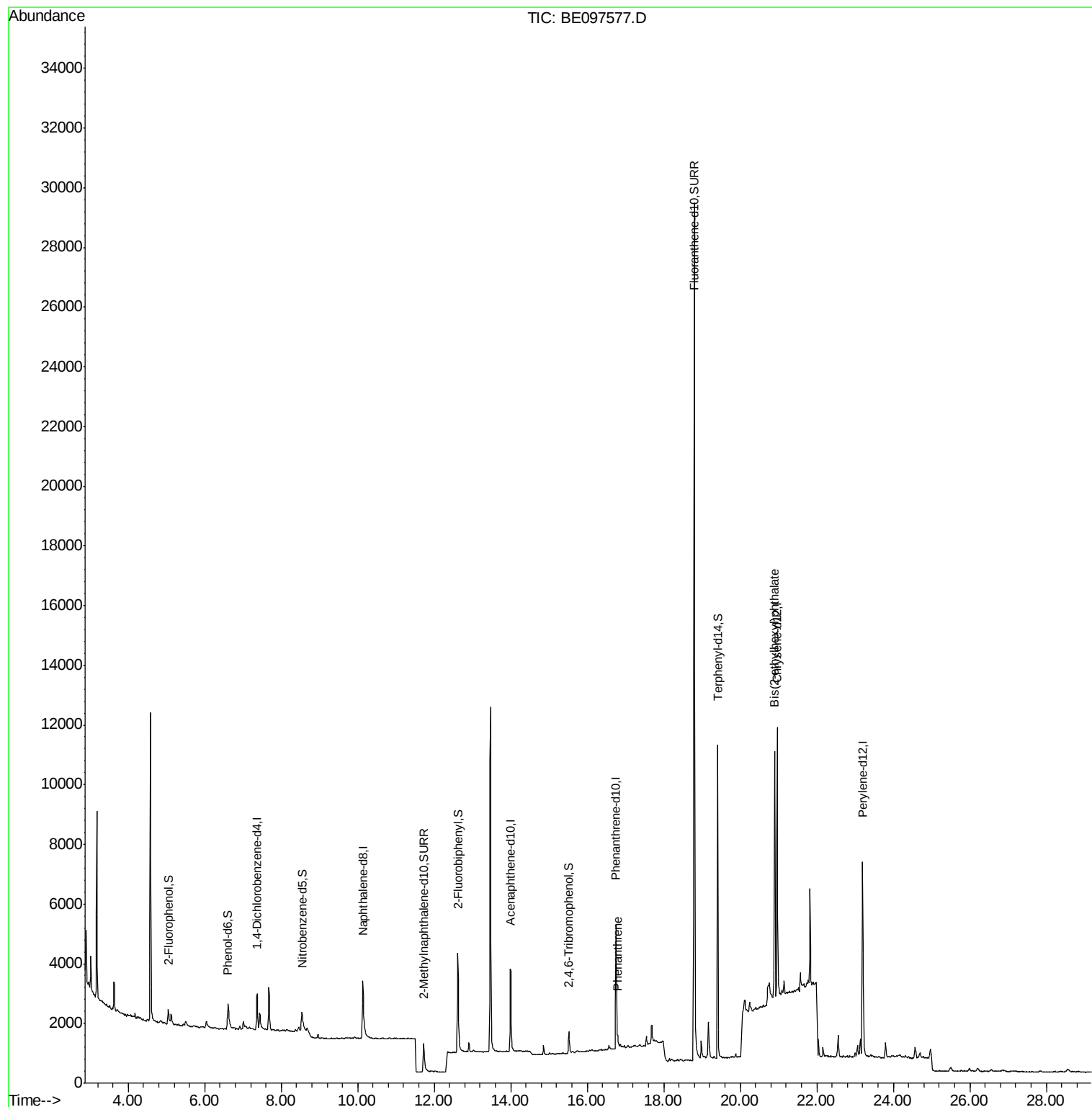
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	681	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3122	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1966	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6309	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9018	0.40	ng	0.00
34) Perylene-d12	23.20	264	8972	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	398	0.20	ng	0.00
5) Phenol-d6	6.59	99	330	0.13	ng	-0.01
8) Nitrobenzene-d5	8.54	82	1068	0.44	ng	0.01
11) 2-Methylnaphthalene-d10	11.72	152	2011	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	486	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3967	0.57	ng	0.00
25) Fluoranthene-d10	18.80	212	40171	0.50	ng	0.00
29) Terphenyl-d14	19.41	244	9121	0.55	ng	0.00
Target Compounds						
23) Phenanthrene	16.80	178	434	0.029	ng	# 88
32) Bis(2-ethylhexyl)phthalate	20.89	149	12347	0.334	ng	# 100

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

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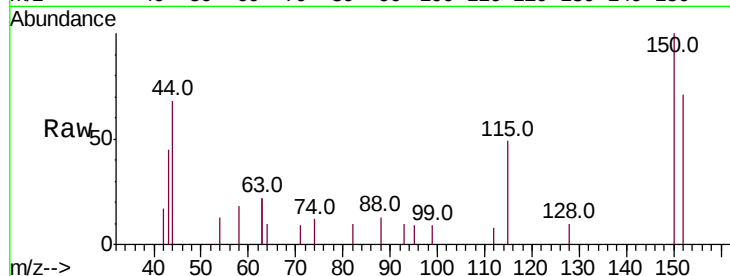


#1

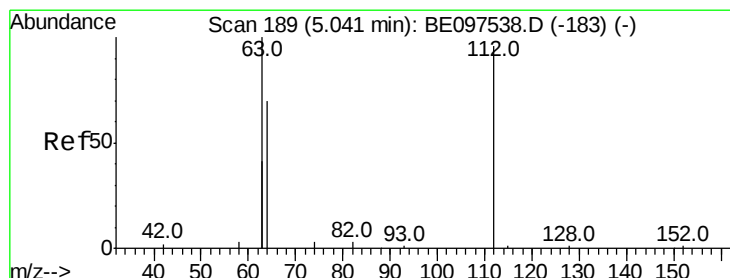
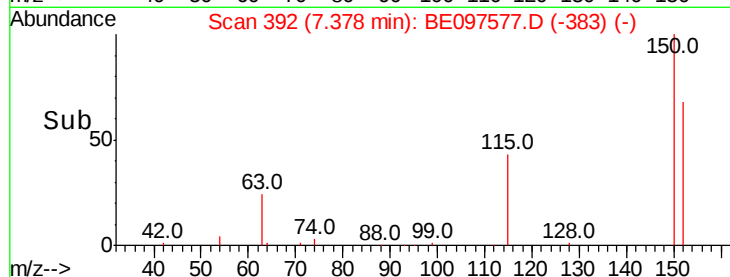
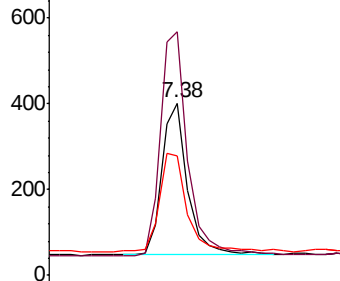
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097577.D
Acq: 20 Sep 2018 17:13

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW08-20180912

Tot Ion:152 Resp: 681
Ion Ratio Lower Upper
152 100
150 141.6 117.2 175.8
115 69.6 57.0 85.6



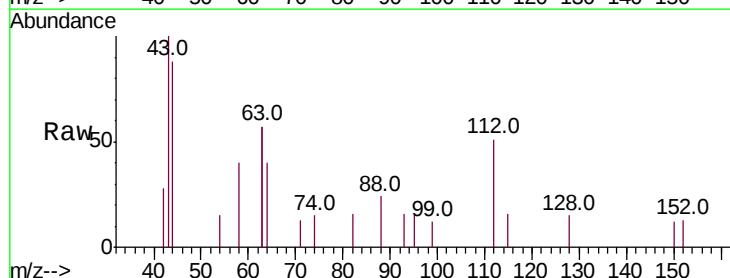
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



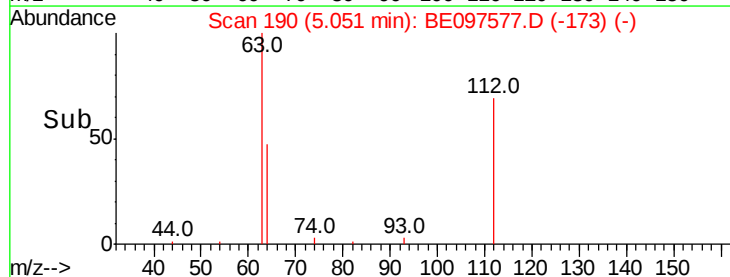
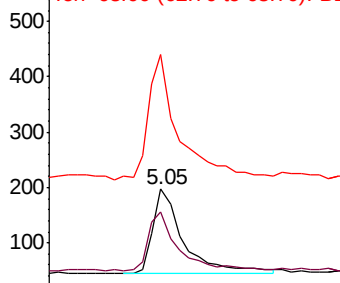
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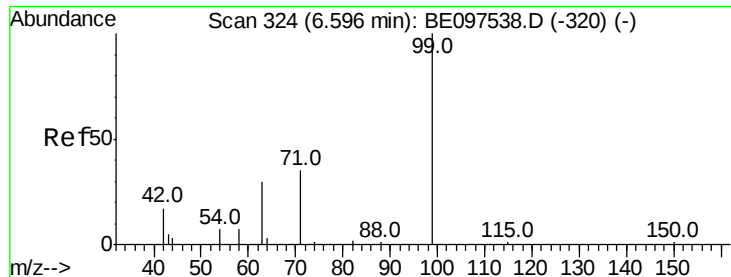
2-Fluorophenol
Concen: 0.195 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097577.D
Acq: 20 Sep 2018 17:13

Tgt Ion:112 Resp: 398
Ion Ratio Lower Upper
112 100
64 70.4 60.1 90.1
63 150.3 116.8 175.2



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: 0.126 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097577.D

Acq: 20 Sep 2018 17:13

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20180912

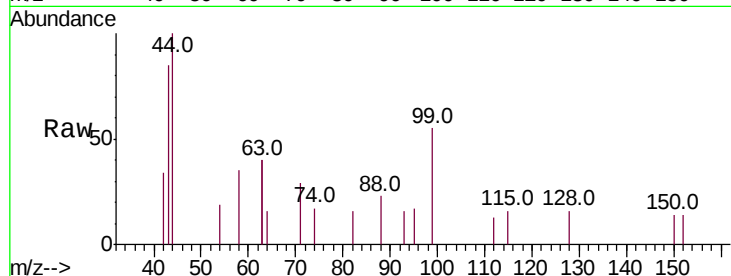
Tot Ion: 99 Resp: 330

Ion Ratio Lower Upper

99 100

42 30.0 20.2 30.2

71 37.9 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

250

200

150

100

50

0

6.59

6.50

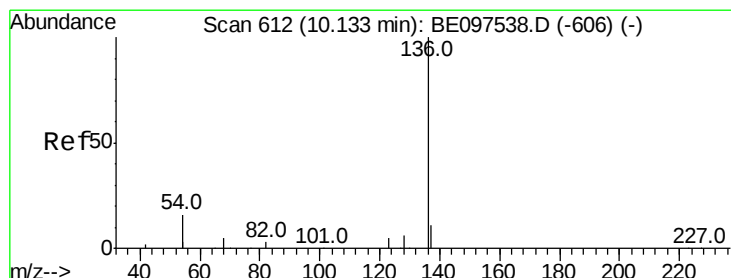
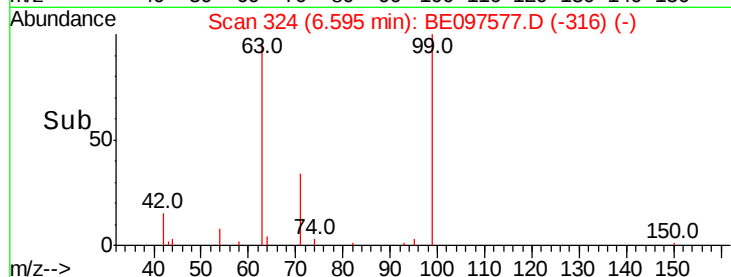
6.55

6.60

6.65

6.70

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097577.D

Acq: 20 Sep 2018 17:13

Tgt Ion: 136 Resp: 3122

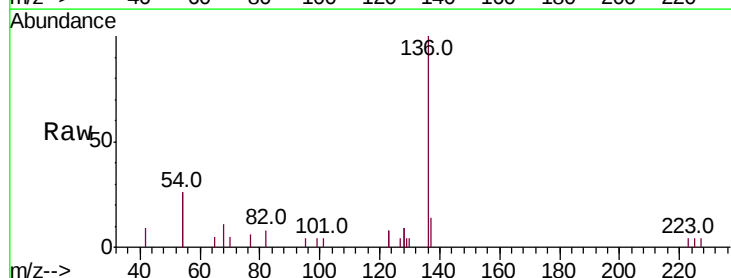
Ion Ratio Lower Upper

136 100

137 14.0 9.5 14.3

54 52.0 29.1 43.7#

68 11.1 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

1500

1000

500

0

10.13

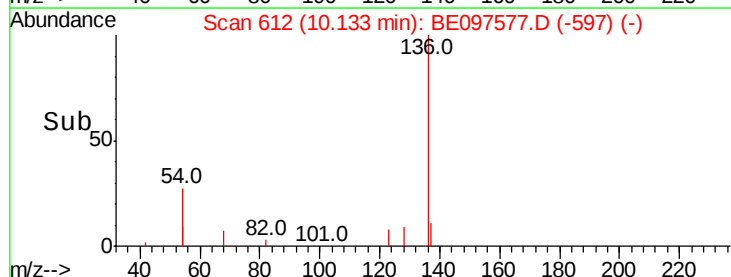
10.00

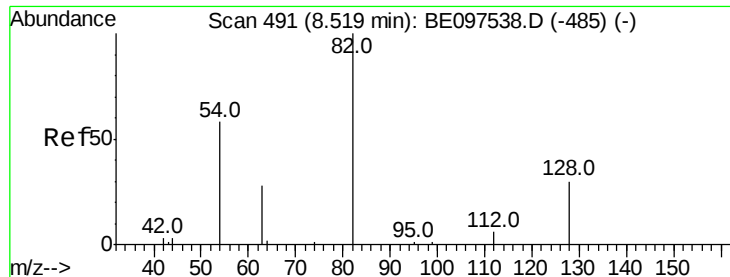
10.10

10.20

10.30

Time-->

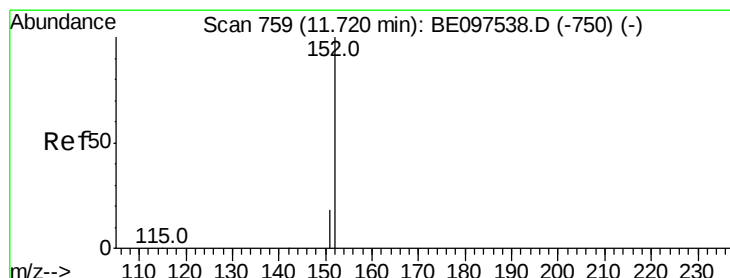
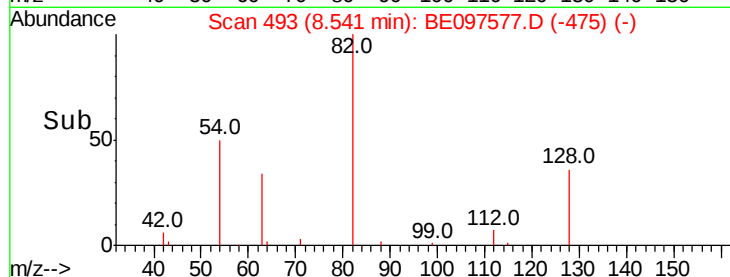
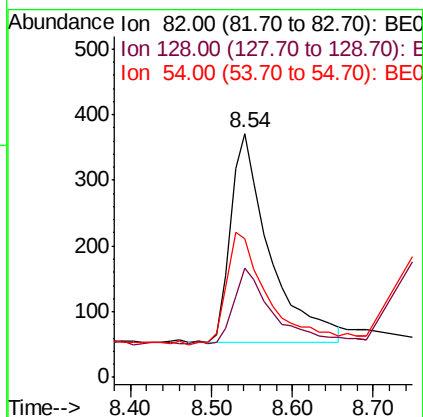
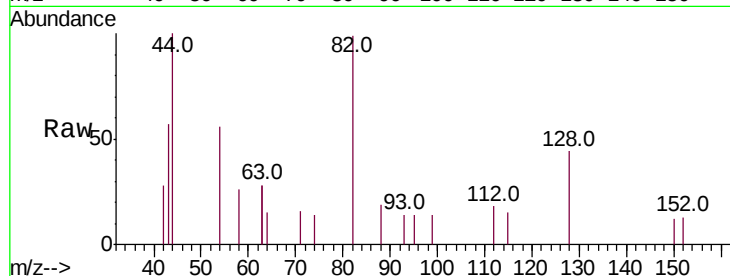




#8
 Nitrobenzene-d5
 Concen: 0.443 ng
 RT: 8.54 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: BE097577.D
 Acq: 20 Sep 2018 17:13

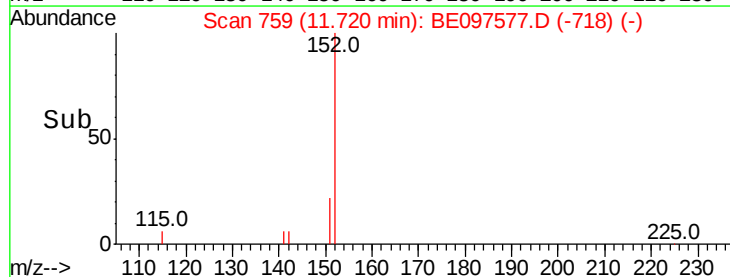
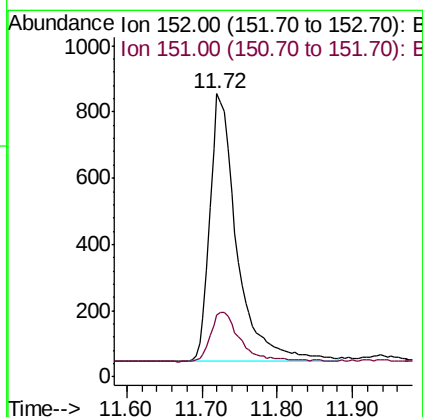
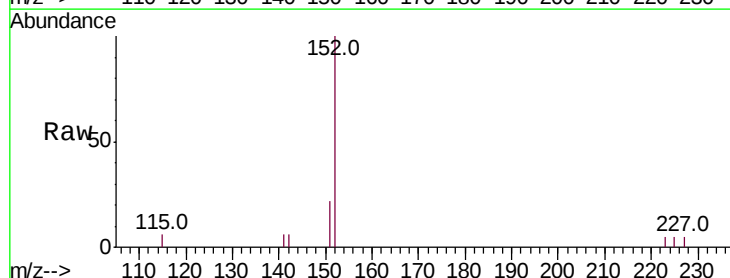
Instrument :
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 BP-TT-AOC22-MW08-20180912

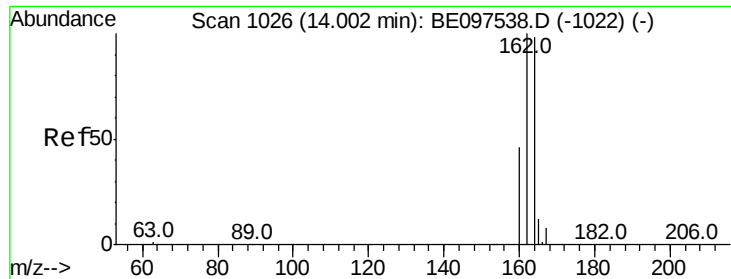
Tot Ion: 82 Resp: 1068
 Ion Ratio Lower Upper
 82 100
 128 44.7 24.0 36.0#
 54 56.9 40.0 60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.467 ng
 RT: 11.72 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BE097577.D
 Acq: 20 Sep 2018 17:13

Tgt Ion: 152 Resp: 2011
 Ion Ratio Lower Upper
 152 100
 151 18.1 15.4 23.0

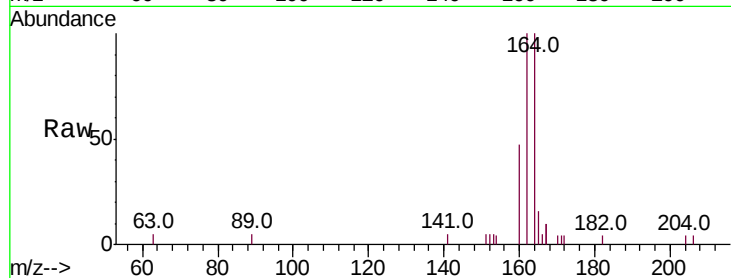




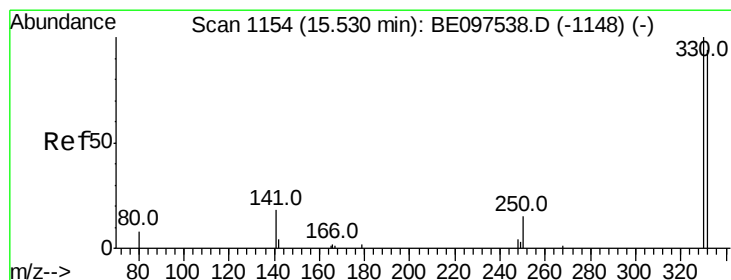
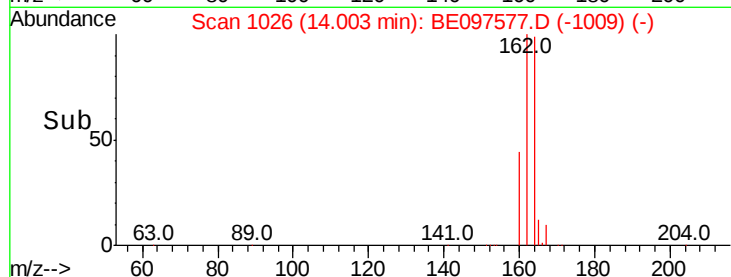
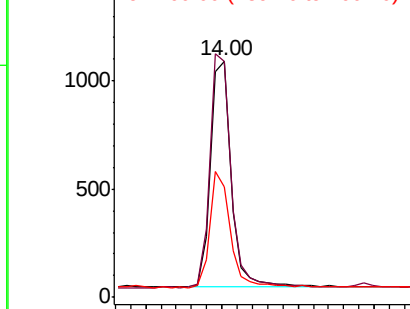
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE097577.D
 Acq: 20 Sep 2018 17:13

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20180912

Tot Ion:164 Resp: 1966
 Ion Ratio Lower Upper
 164 100
 162 100.2 83.1 124.7
 160 46.9 37.1 55.7

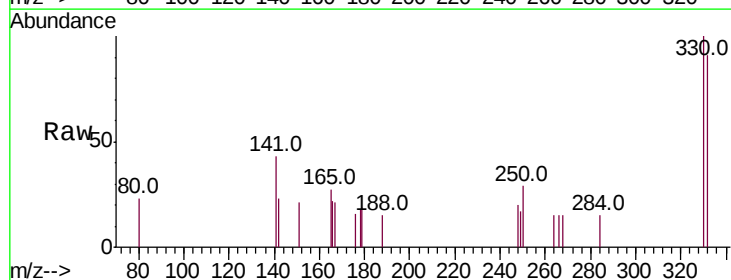


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

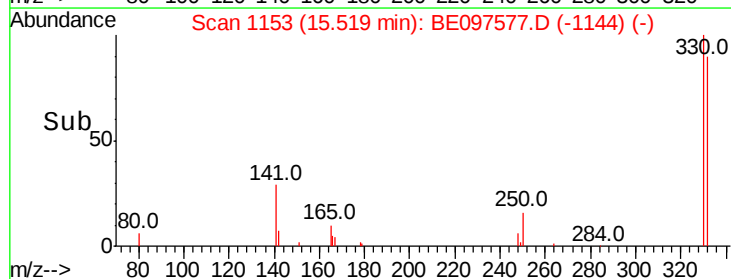
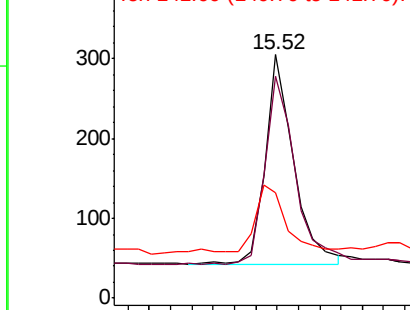


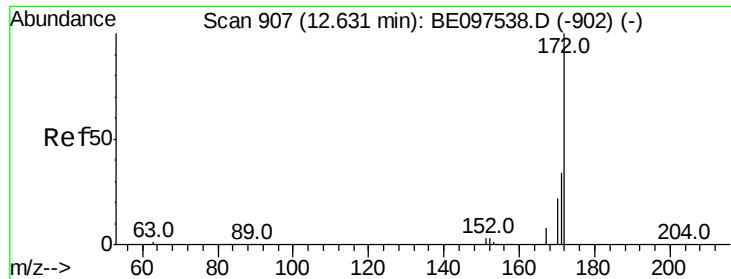
#14
 2,4,6-Tribromophenol
 Concen: 0.595 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE097577.D
 Acq: 20 Sep 2018 17:13

Tgt Ion:330 Resp: 486
 Ion Ratio Lower Upper
 330 100
 332 95.3 152.7 229.1#
 141 32.3 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

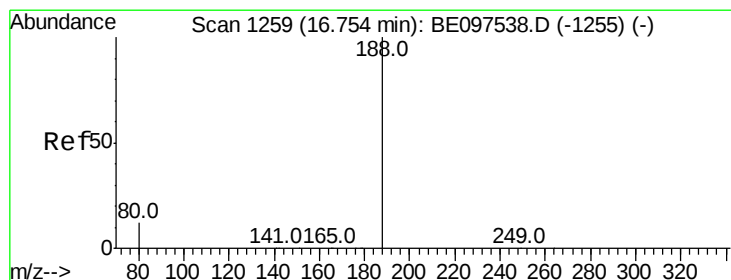
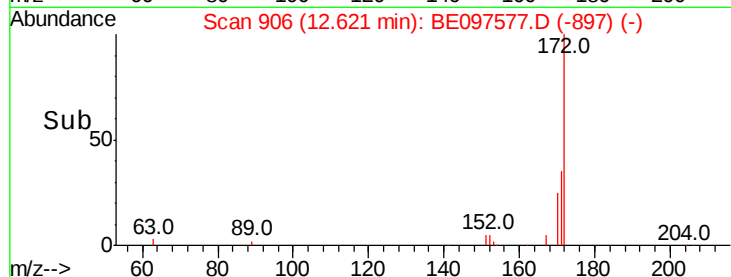
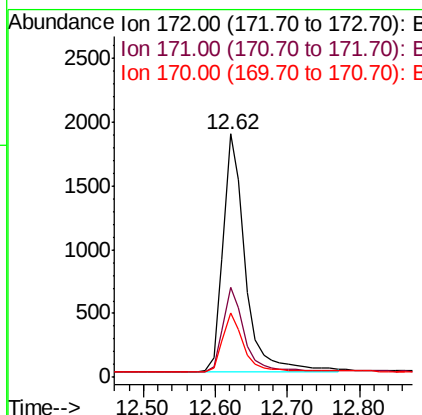
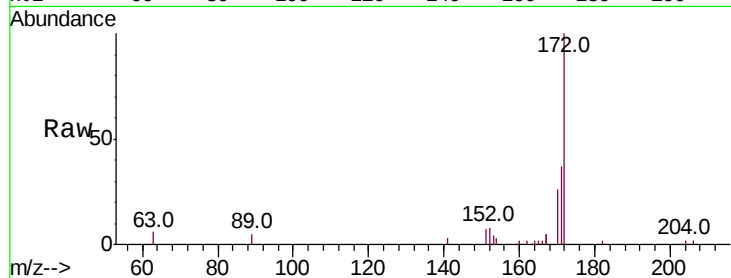




#15
2-Fluorobiphenyl
Concen: 0.571 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097577.D
Acq: 20 Sep 2018 17:13

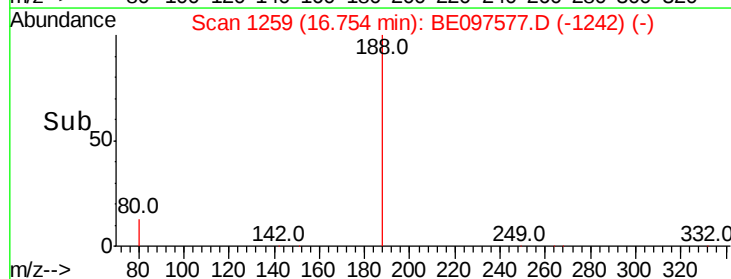
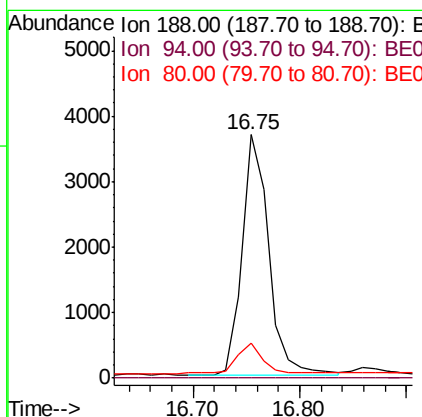
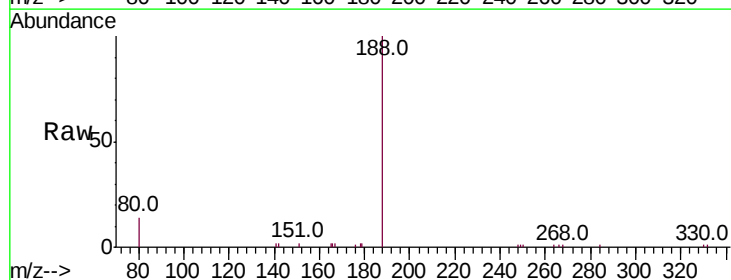
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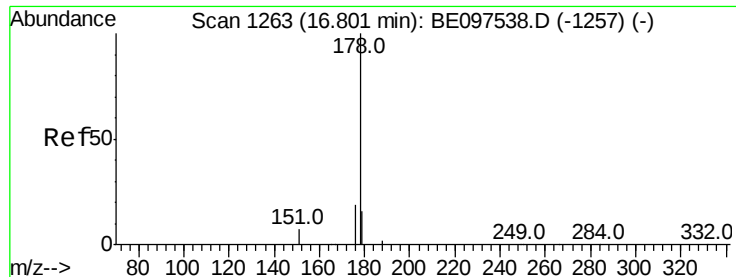
Tot Ion:172 Resp: 3967
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 26.4 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097577.D
Acq: 20 Sep 2018 17:13

Tgt Ion:188 Resp: 6309
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.5 3.6 5.4#





#23

Phenanthrene

Concen: 0.029 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097577.D

Acq: 20 Sep 2018 17:13

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20180912

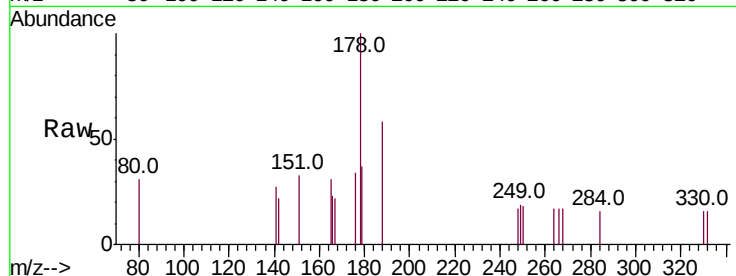
Tot Ion:178 Resp: 434

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

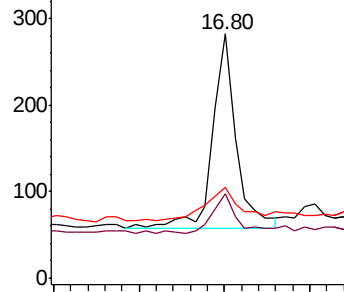
179 24.7 11.8 17.6#



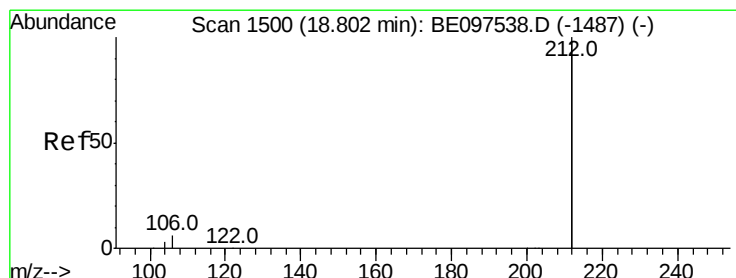
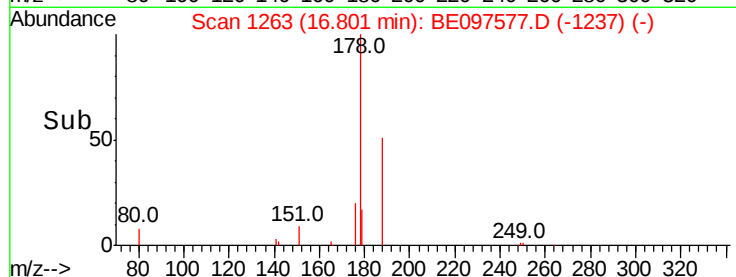
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.60 16.70 16.80 16.90



#25

Fluoranthene-d10

Concen: 0.497 ng

RT: 18.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE097577.D

Acq: 20 Sep 2018 17:13

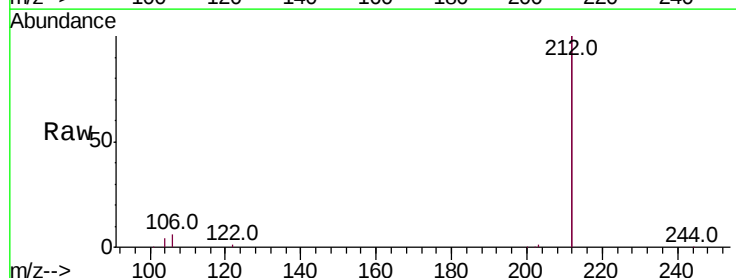
Tgt Ion:212 Resp: 40171

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

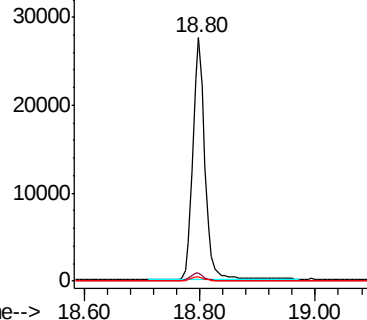
104 1.7 1.6 2.4



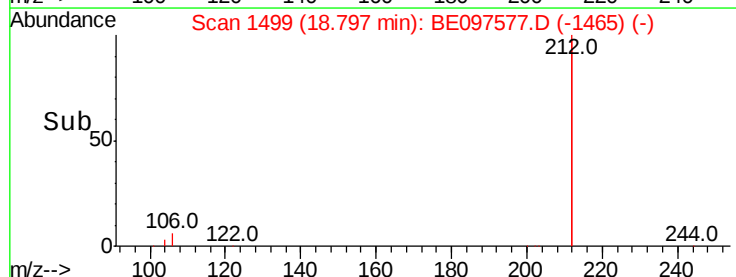
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.60 18.80 19.00

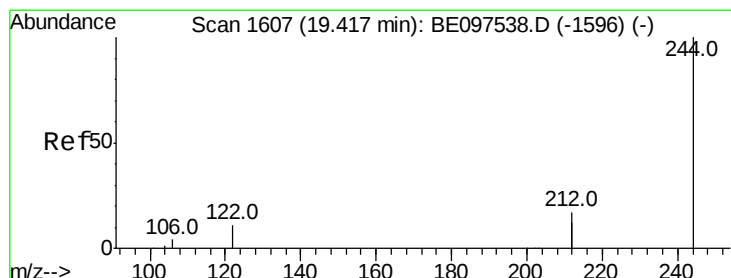
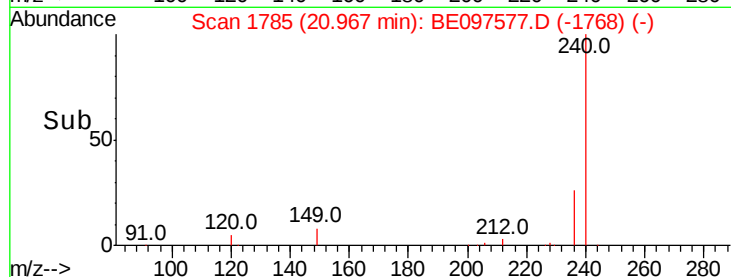
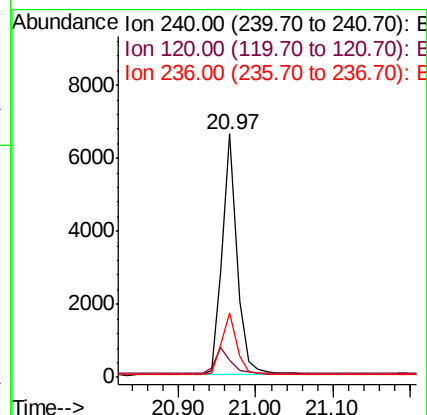
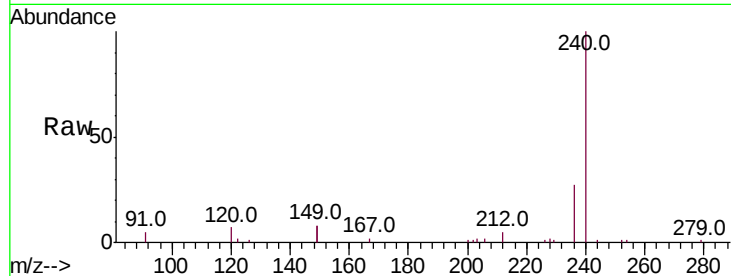




#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097577.D
Acq: 20 Sep 2018 17:13

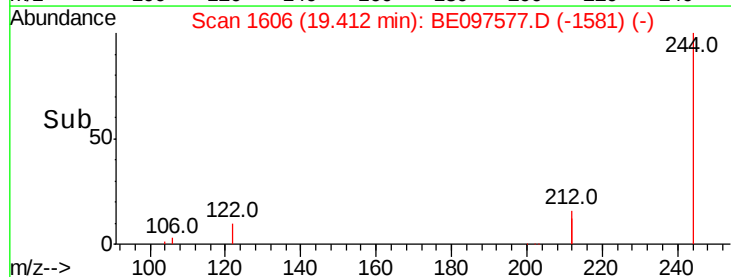
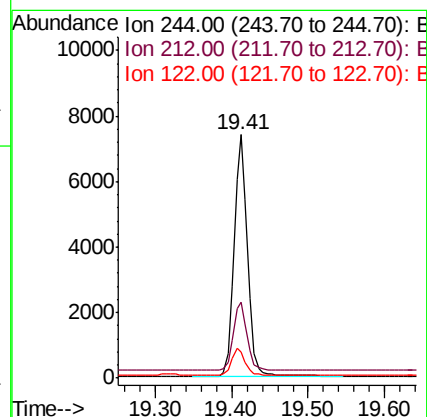
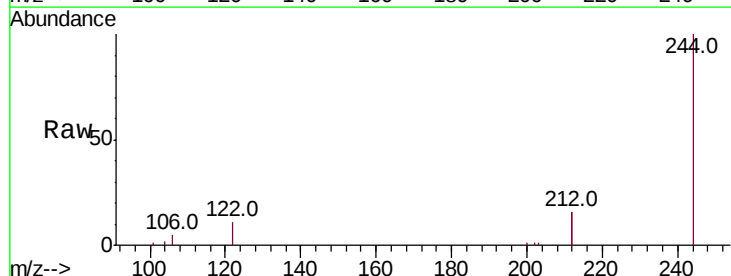
Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW08-20180912

Tot Ion:240 Resp: 9018
Ion Ratio Lower Upper
240 100
120 6.9 5.5 8.3
236 26.6 20.7 31.1



#29
Terphenyl-d14
Concen: 0.553 ng
RT: 19.41 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BE097577.D
Acq: 20 Sep 2018 17:13

Tgt Ion:244 Resp: 9121
Ion Ratio Lower Upper
244 100
212 31.0 25.4 38.0
122 10.9 8.1 12.1

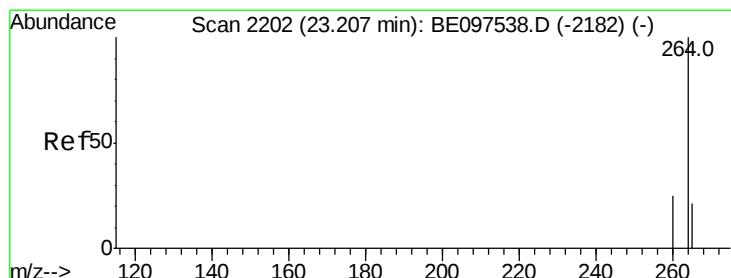
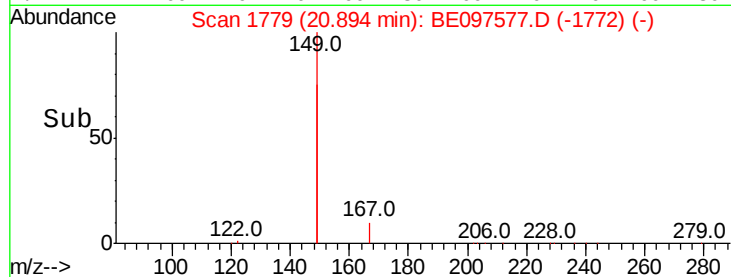
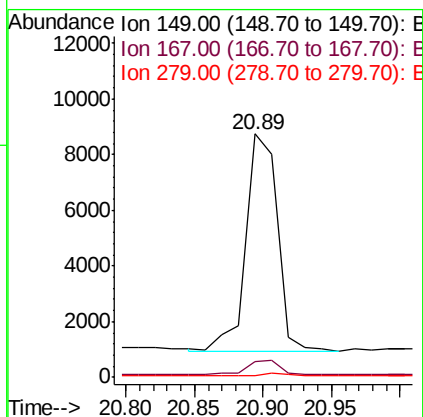
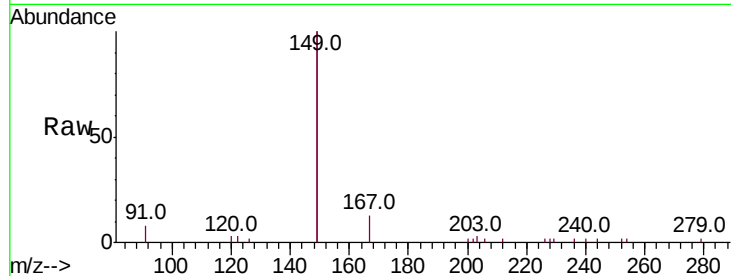




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.334 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BE097577.D
 Acq: 20 Sep 2018 17:13

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20180912

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.2	0.7	1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BE097577.D
 Acq: 20 Sep 2018 17:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	28.8	22.8	34.2

