

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 06:00:06 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

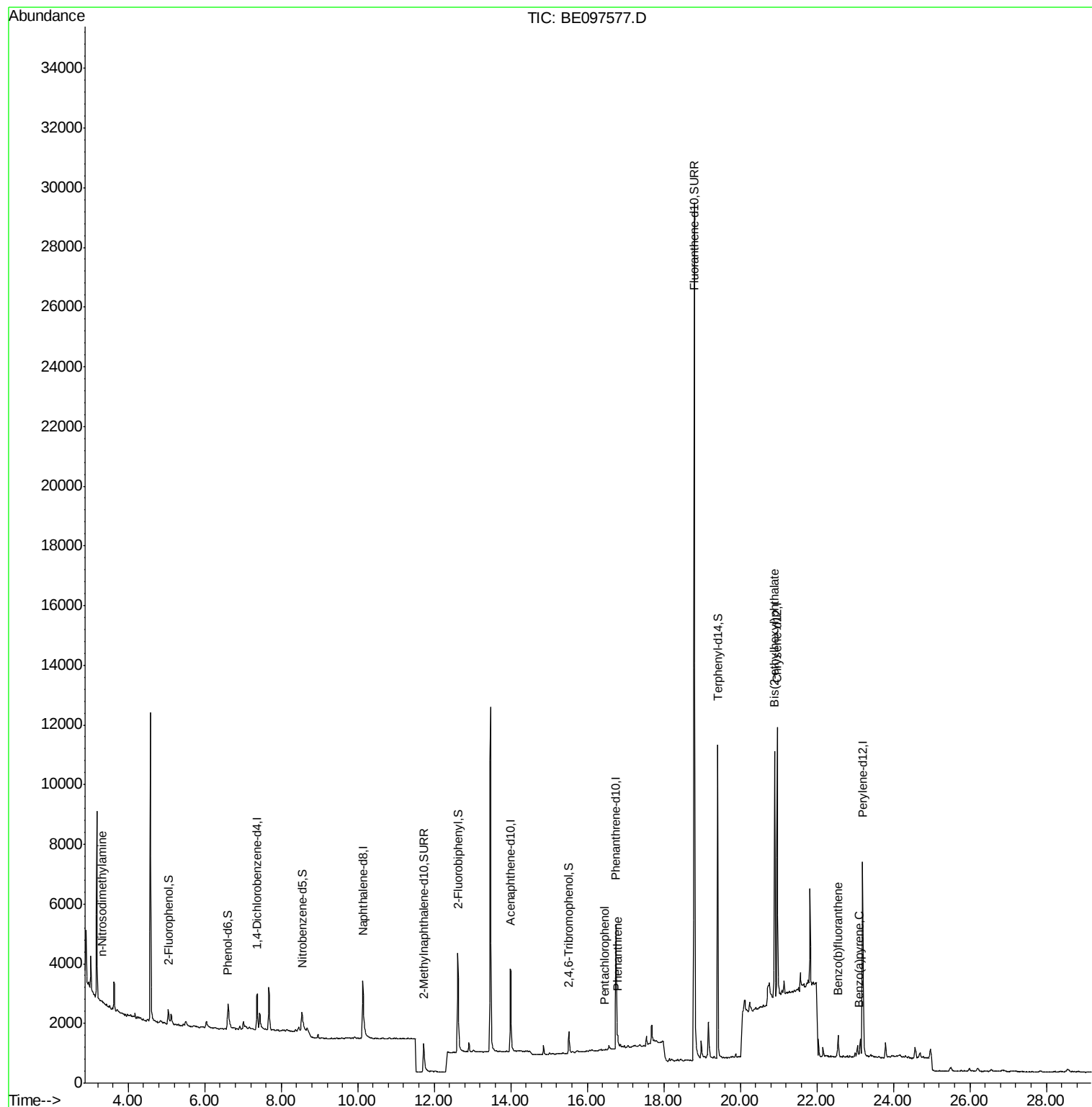
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.31	42	6	0.022	ng	# 1
22) Pentachlorophenol	16.45	266	13	0.139	ng	92
23) Phenanthrene	16.80	178	434	0.029	ng	# 88
32) Bis(2-ethylhexyl)phthalate	20.89	149	12347	0.334	ng	# 100
35) Benzo(b)fluoranthene	22.54	252	491	0.021	ng	# 1
37) Benzo(a)pyrene	23.11	252	139	0.026	ng	# 1

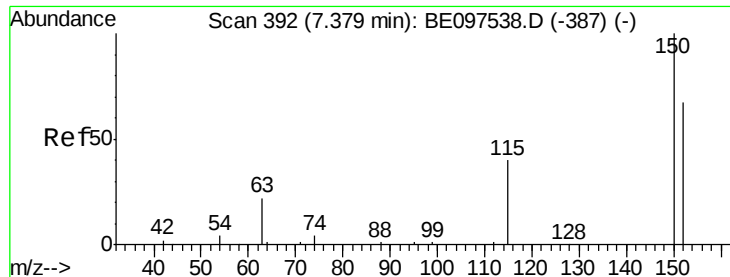
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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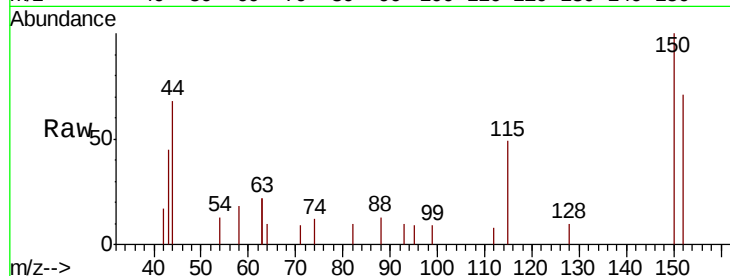


#1

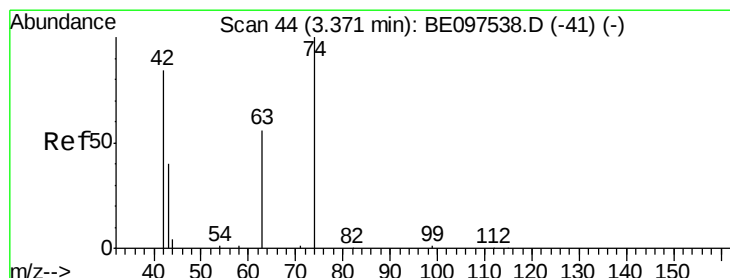
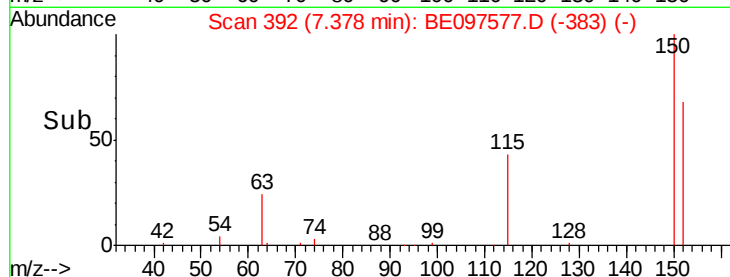
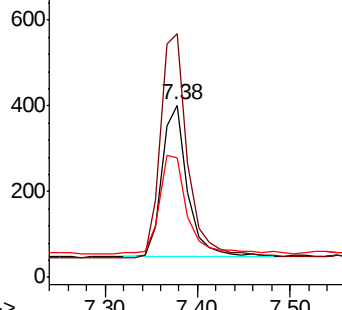
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097577.D
Acq: 20 Sep 2018 17:13

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

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



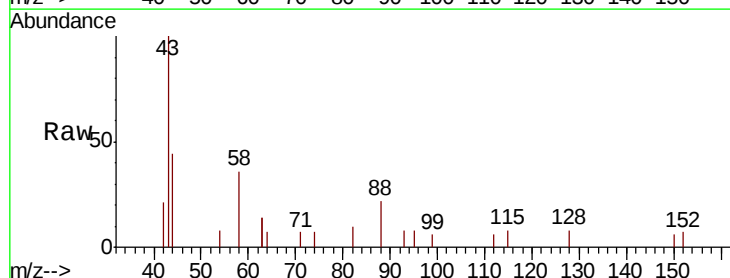
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



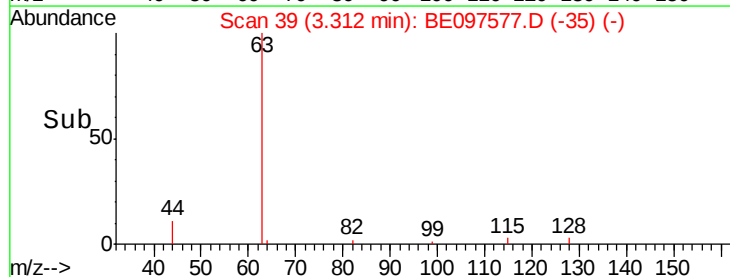
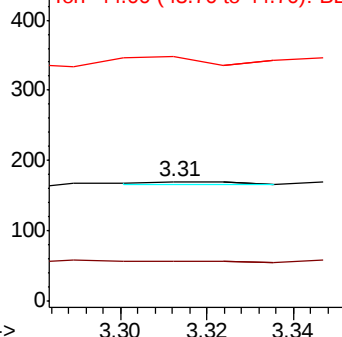
#3

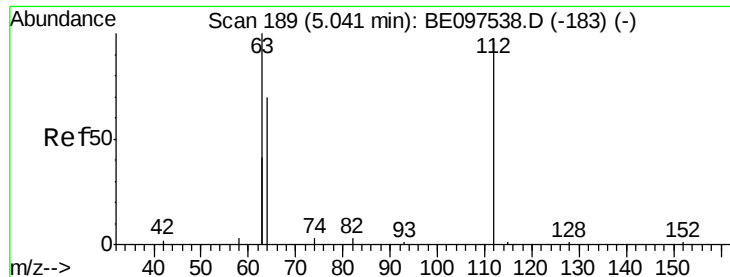
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.06 min
Lab File: BE097577.D
Acq: 20 Sep 2018 17:13

Tgt Ion: 42 Resp: 6
Ion Ratio Lower Upper
42 100
74 0.0 96.0 144.0#
44 316.7 12.0 18.0#



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: 0.195 ng

RT: 5.05 min Scan# 190

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

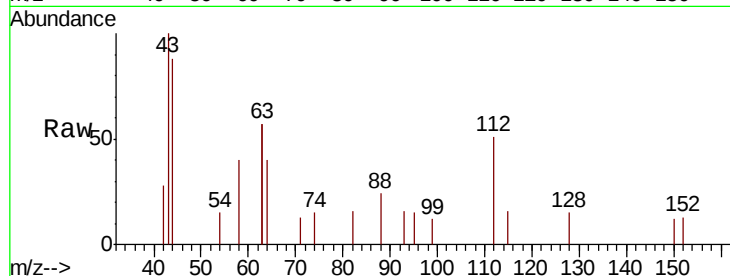
Tgt Ion: 112 Resp: 398

Ion Ratio Lower Upper

112 100

64 70.4 60.1 90.1

63 150.3 116.8 175.2



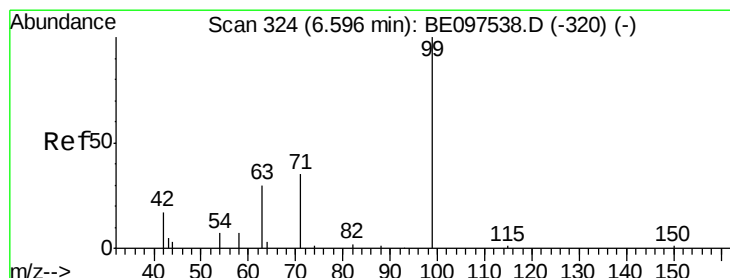
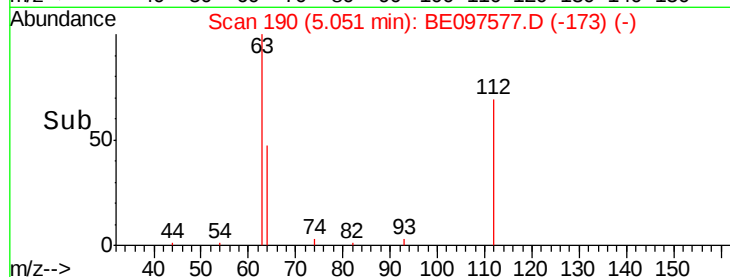
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.05

Time-->



#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

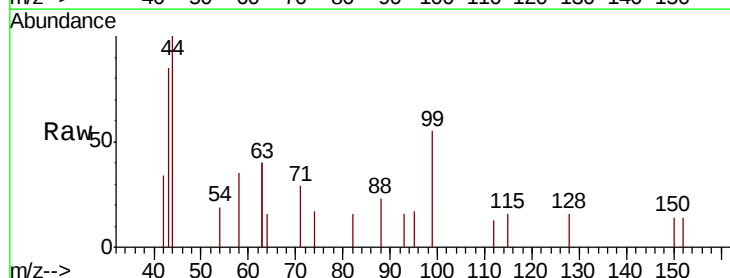
Tgt Ion: 99 Resp: 330

Ion Ratio Lower Upper

99 100

42 30.0 20.2 30.2

71 37.9 28.4 42.6



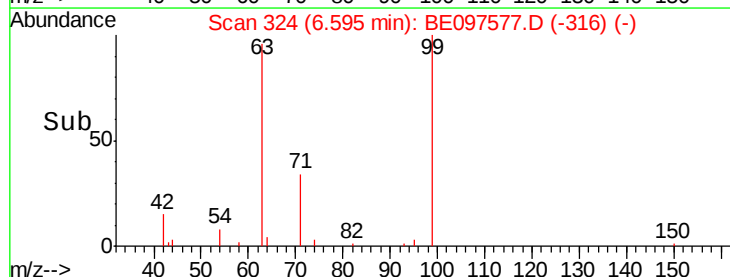
Abundance Ion 99.00 (98.70 to 99.70): BE0

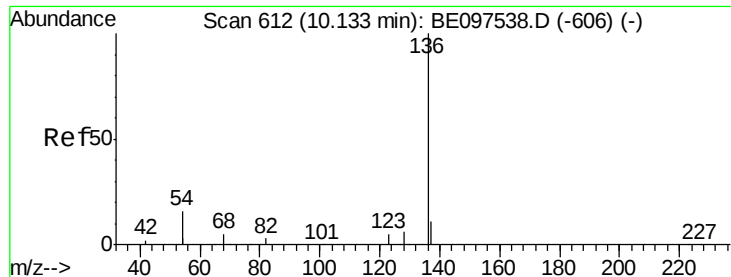
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.59

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

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20180912

Tgt Ion: 136 Resp: 3122

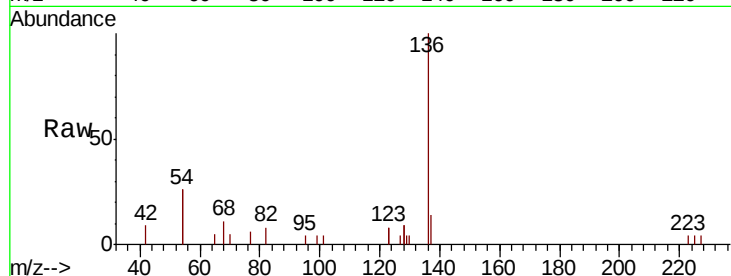
Ion Ratio Lower Upper

136 100

137 14.0 9.5 14.3

54 52.0 29.1 43.7#

68 11.1 6.2 9.2#

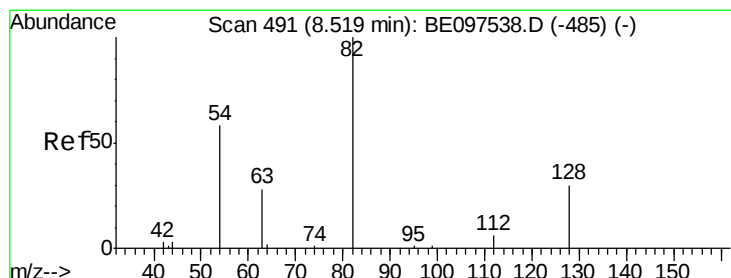
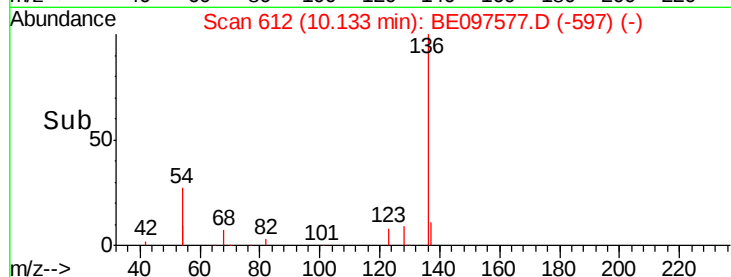
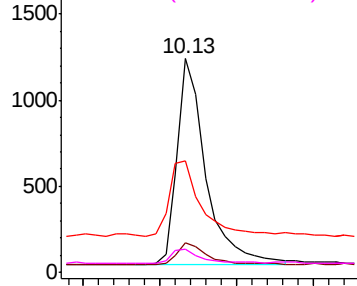


Abundance Ion 136.00 (135.70 to 136.70): E

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



#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

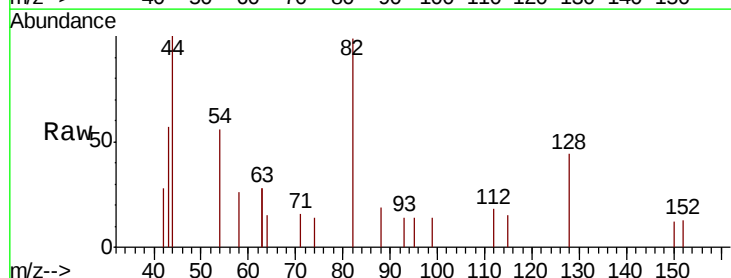
Tgt Ion: 82 Resp: 1068

Ion Ratio Lower Upper

82 100

128 44.7 24.0 36.0#

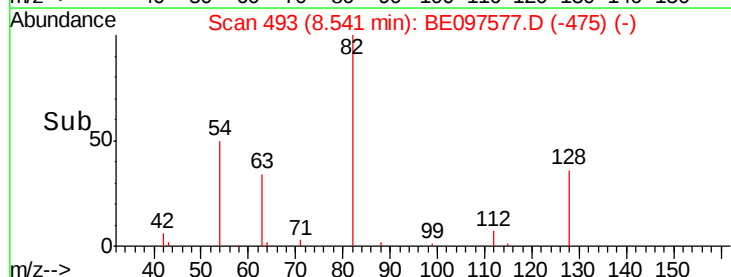
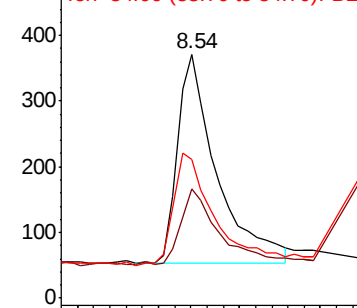
54 56.9 40.0 60.0

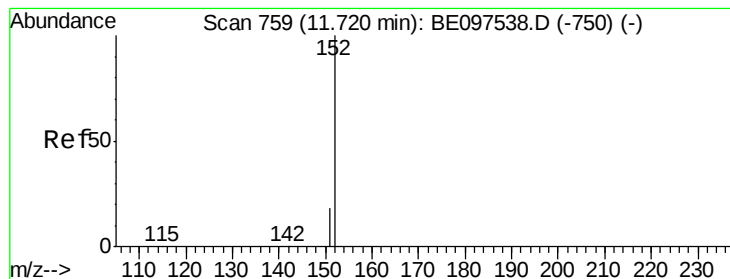


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.467 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097577.D

Acq: 20 Sep 2018 17:13

Instrument :

BNA_E

ClientSampleId :

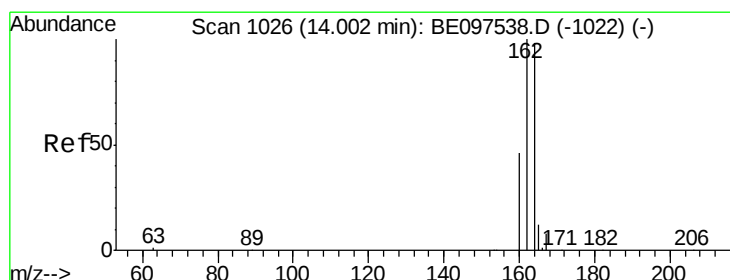
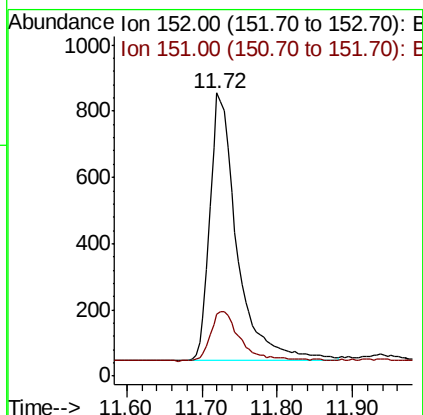
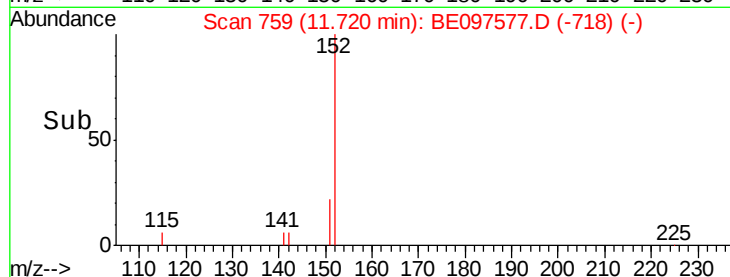
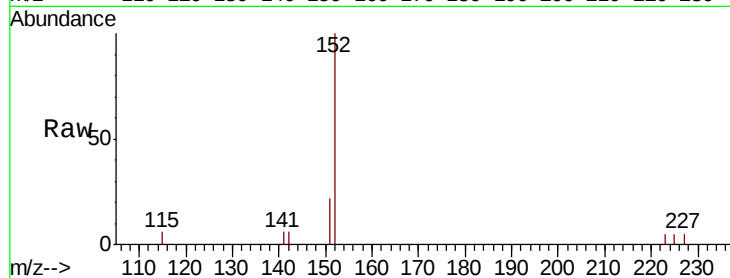
BP-TT-AOC22-MW08-20180912

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

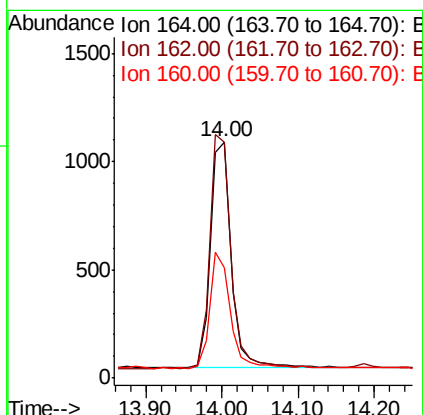
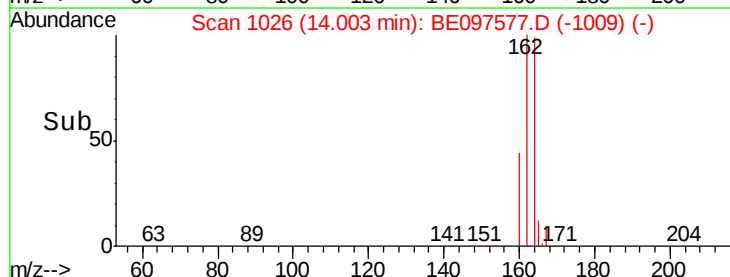
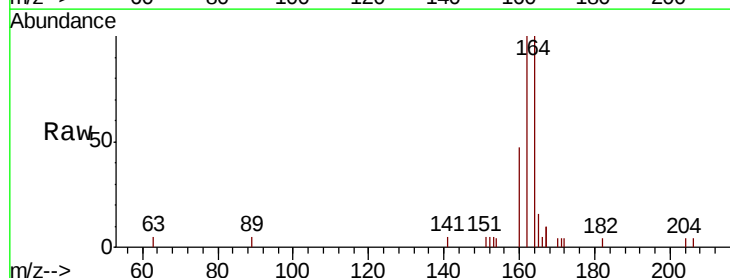
Tgt Ion:164 Resp: 1966

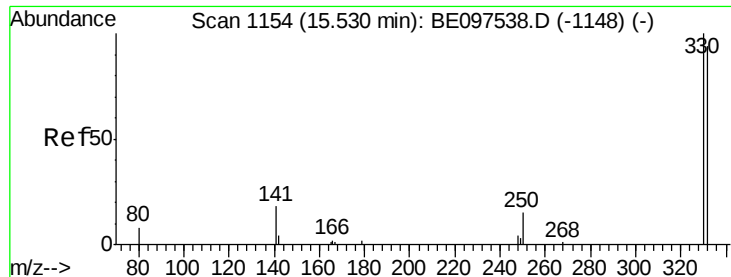
Ion Ratio Lower Upper

164 100

162 100.2 83.1 124.7

160 46.9 37.1 55.7

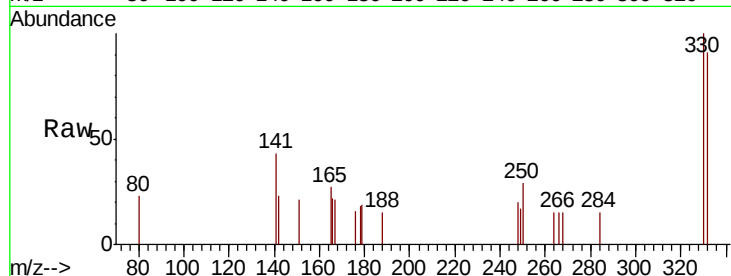




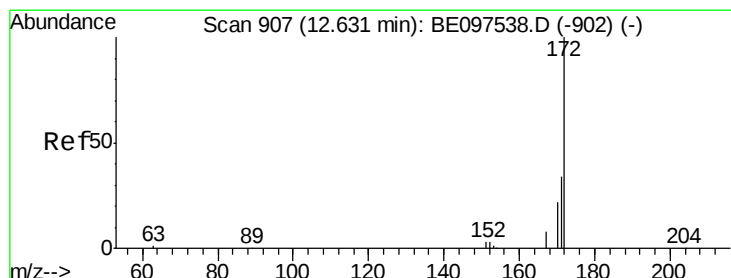
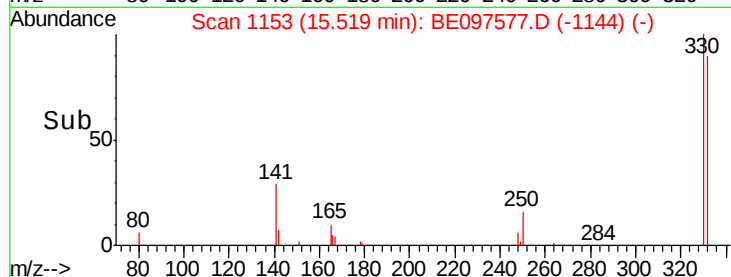
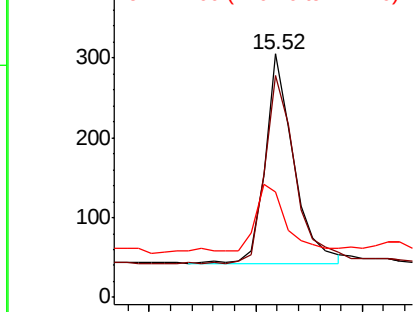
#14
 2,4,6-Tribromophenol
 Concen: 0.595 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE097577.D
 Acq: 20 Sep 2018 17:13

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

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#

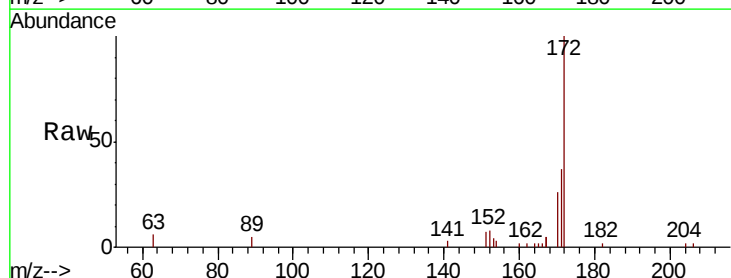


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

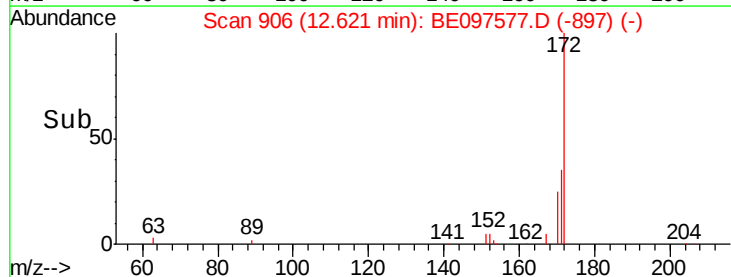
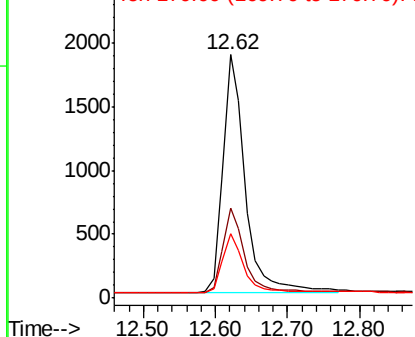


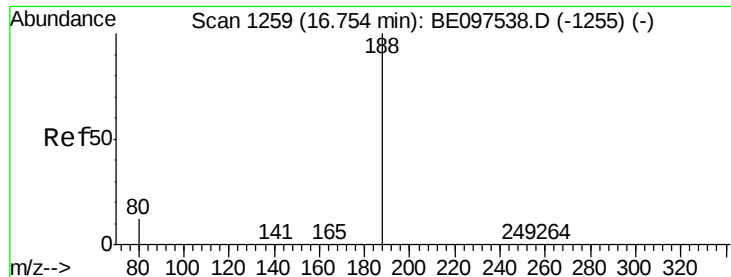
#15
 2-Fluorobiphenyl
 Concen: 0.571 ng
 RT: 12.62 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BE097577.D
 Acq: 20 Sep 2018 17:13

Tgt Ion: 172 Resp: 3967
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.9 44.9
 170 26.4 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: 16.75 min Scan# 1259

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

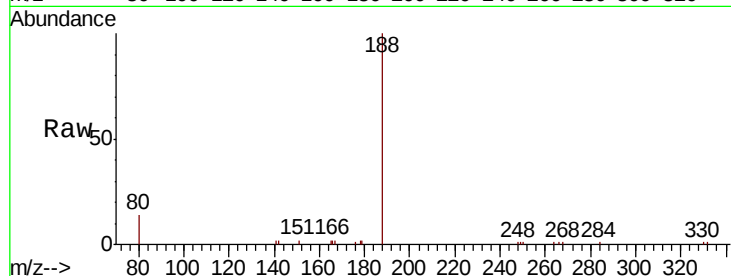
Tgt Ion:188 Resp: 6309

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

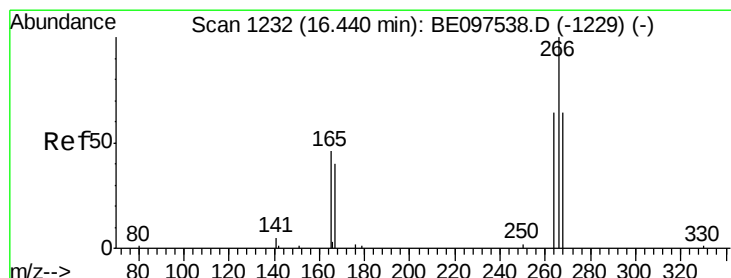
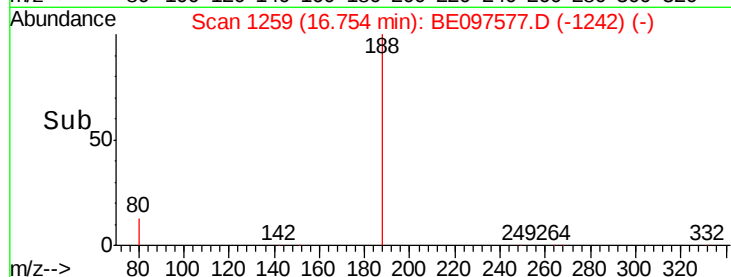
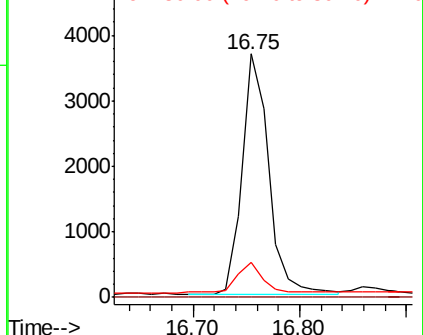
80 14.5 3.6 5.4#



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: 0.139 ng

RT: 16.45 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BE097577.D

Acq: 20 Sep 2018 17:13

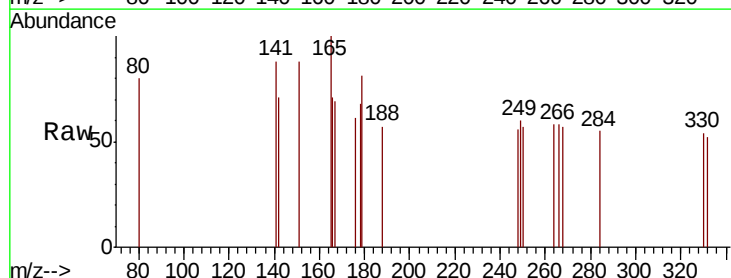
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 100.0 72.5 108.7

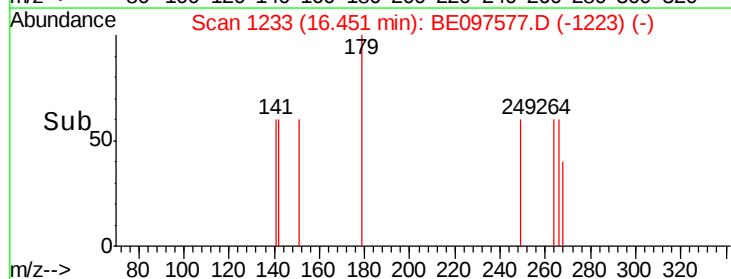
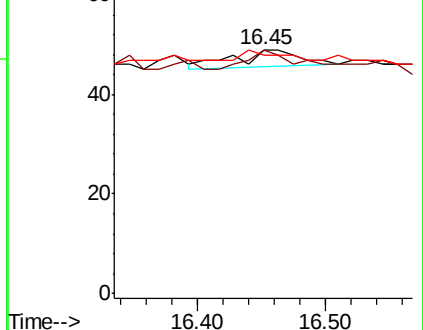
268 98.0 73.8 110.6

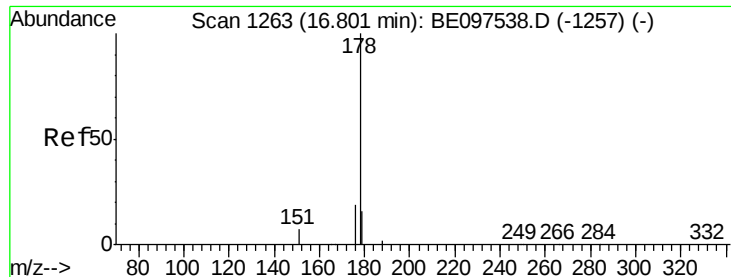


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.029 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097577.D

Acq: 20 Sep 2018 17:13

Instrument :

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BP-TT-AOC22-MW08-20180912

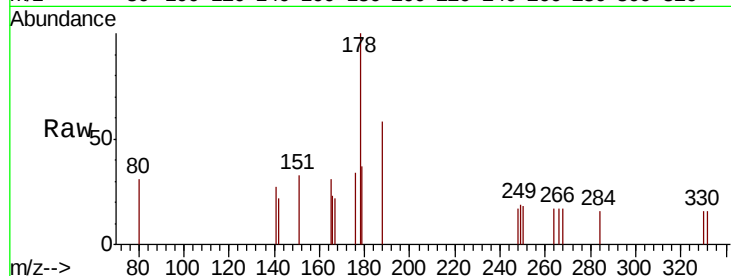
Tgt Ion:178 Resp: 434

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

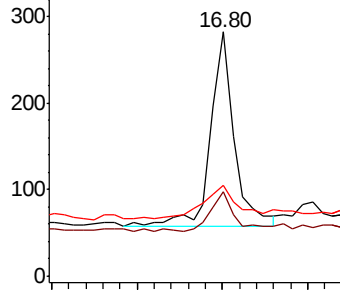
179 24.7 11.8 17.6#



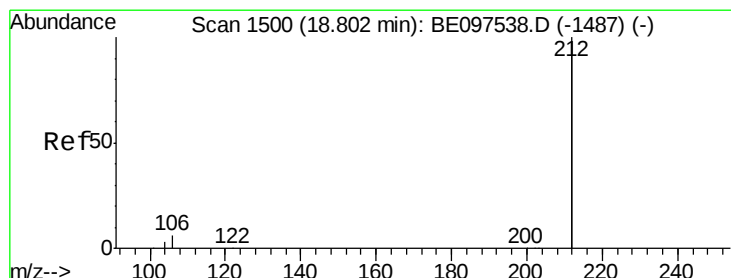
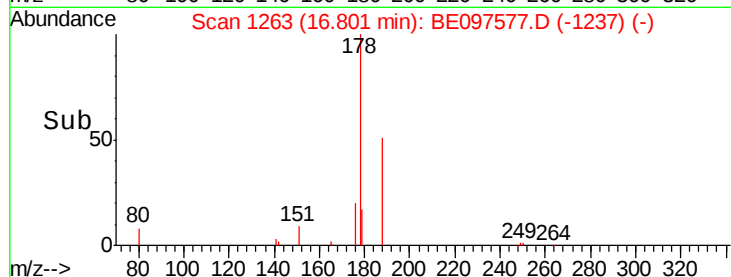
Abundance Ion 178.00 (177.70 to 178.70): E

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

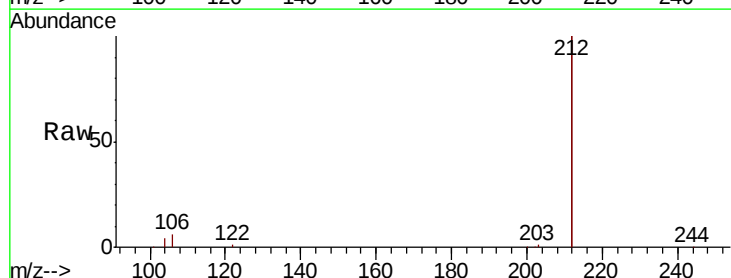
Tgt Ion:212 Resp: 40171

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

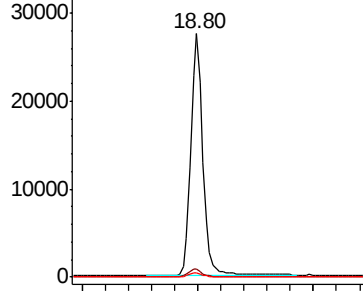
104 1.7 1.6 2.4



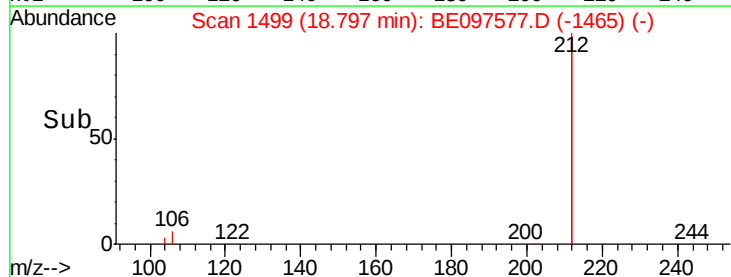
Abundance Ion 212.00 (211.70 to 212.70): E

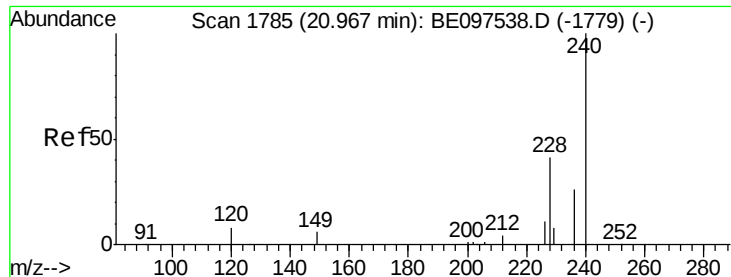
Ion 106.00 (105.70 to 106.70): E

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

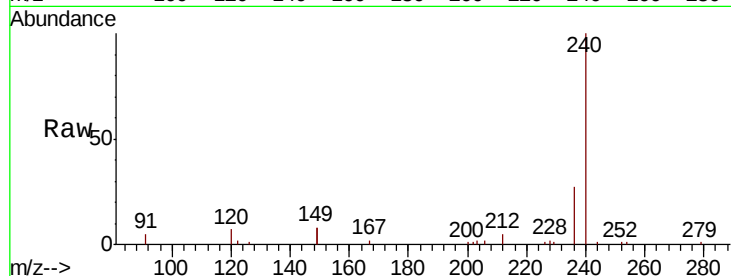
Tgt Ion:240 Resp: 9018

Ion Ratio Lower Upper

240 100

120 6.9 5.5 8.3

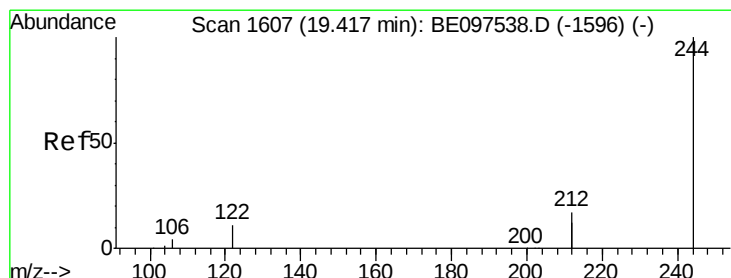
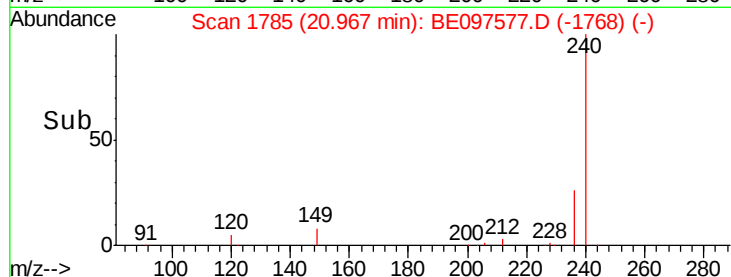
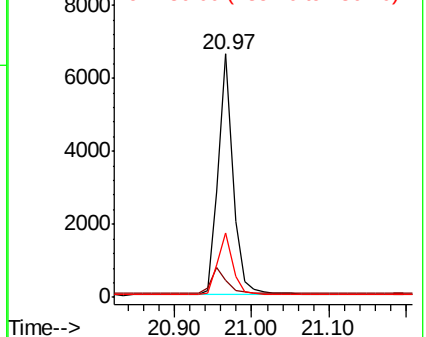
236 26.6 20.7 31.1



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: 0.553 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097577.D

Acq: 20 Sep 2018 17:13

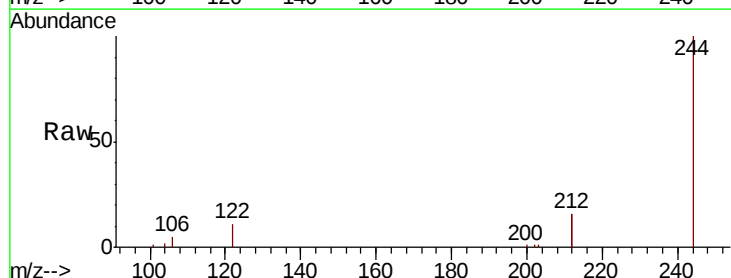
Tgt Ion:244 Resp: 9121

Ion Ratio Lower Upper

244 100

212 31.0 25.4 38.0

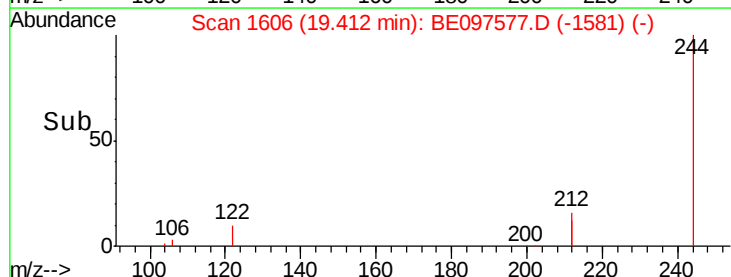
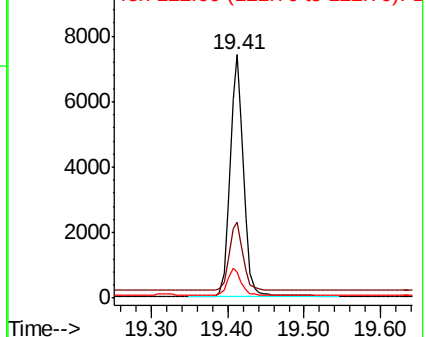
122 10.9 8.1 12.1

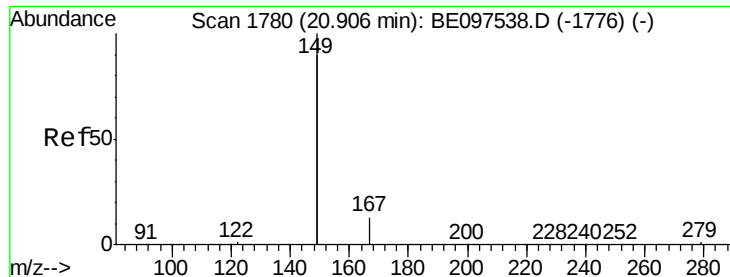


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

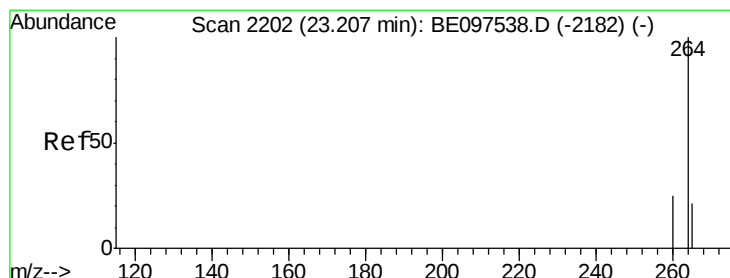
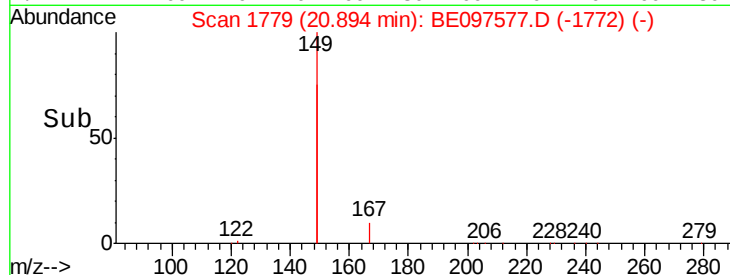
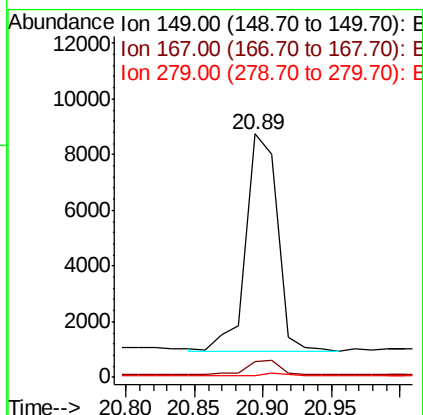
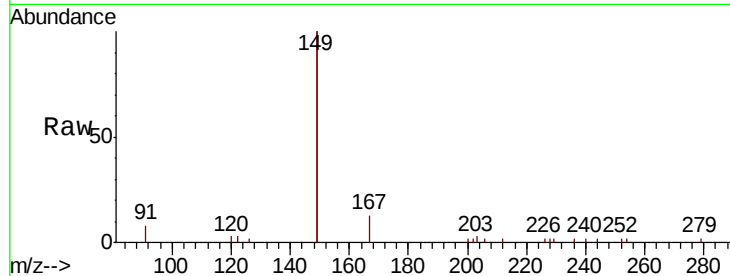




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.334 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BE097577.D
 Acq: 20 Sep 2018 17:13

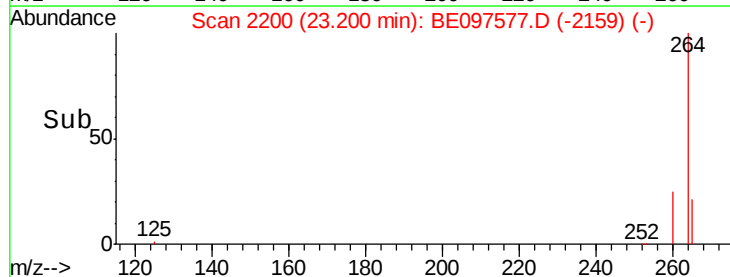
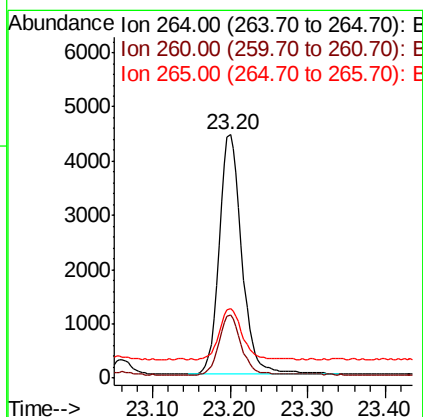
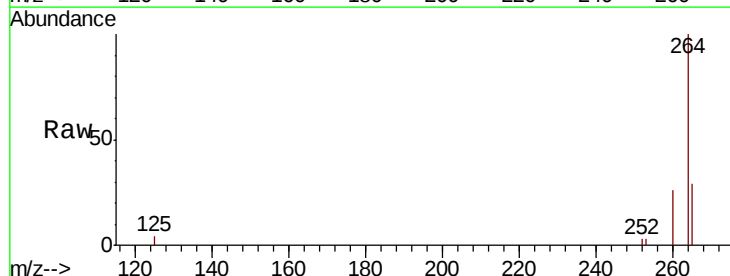
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20180912

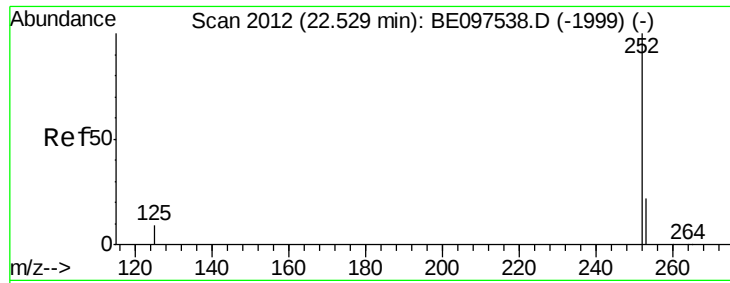
Tgt Ion: 149 Resp: 12347
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.2 0.7 1.1#



#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: 264 Resp: 8972
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 28.8 22.8 34.2

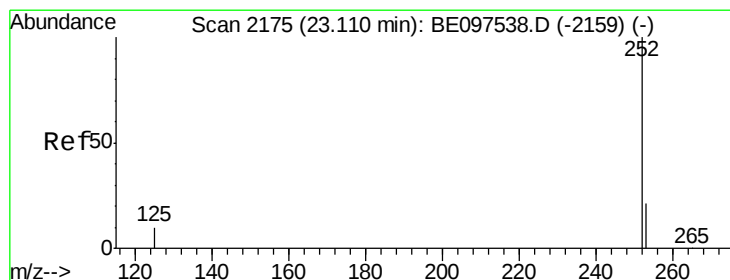
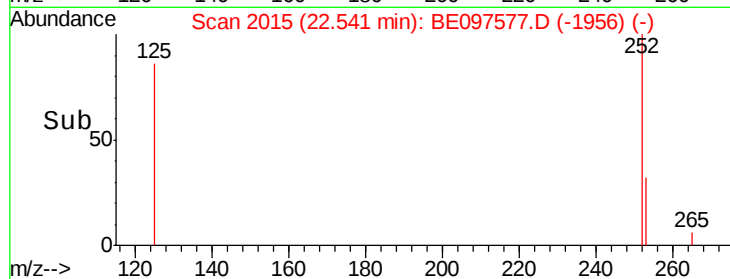
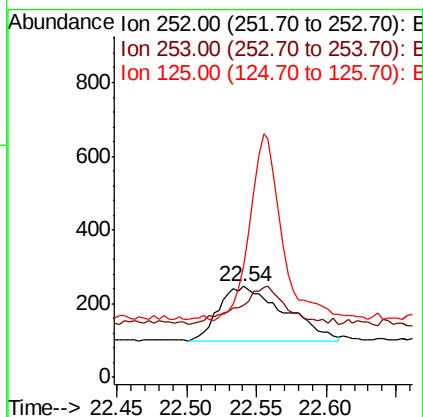
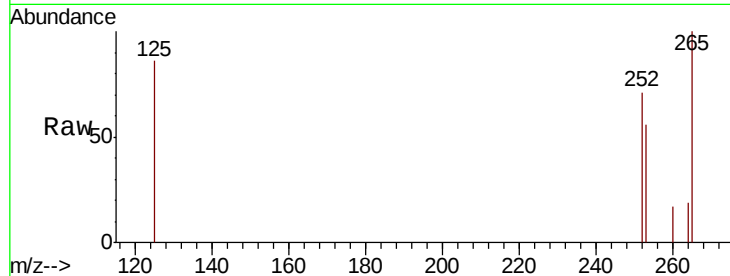




#35
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BE097577.D
Acq: 20 Sep 2018 17:13

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

Tgt Ion: 252 Resp: 491
Ion Ratio Lower Upper
252 100
253 78.9 20.0 30.0#
125 121.1 16.0 24.0#



#37
Benzo(a)pyrene
Concen: 0.026 ng
RT: 23.11 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE097577.D
Acq: 20 Sep 2018 17:13

Tgt Ion: 252 Resp: 139
Ion Ratio Lower Upper
252 100
253 89.3 16.0 24.0#
125 104.5 12.0 18.0#

