

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097557.D
 Acq On : 20 Sep 2018 1:34
 Operator : SJ/JU
 Sample : J4958-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-AOC22-MW03-20180915

Quant Time: Sep 20 06:44:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 16:26:00 2018
 Response via : Initial Calibration

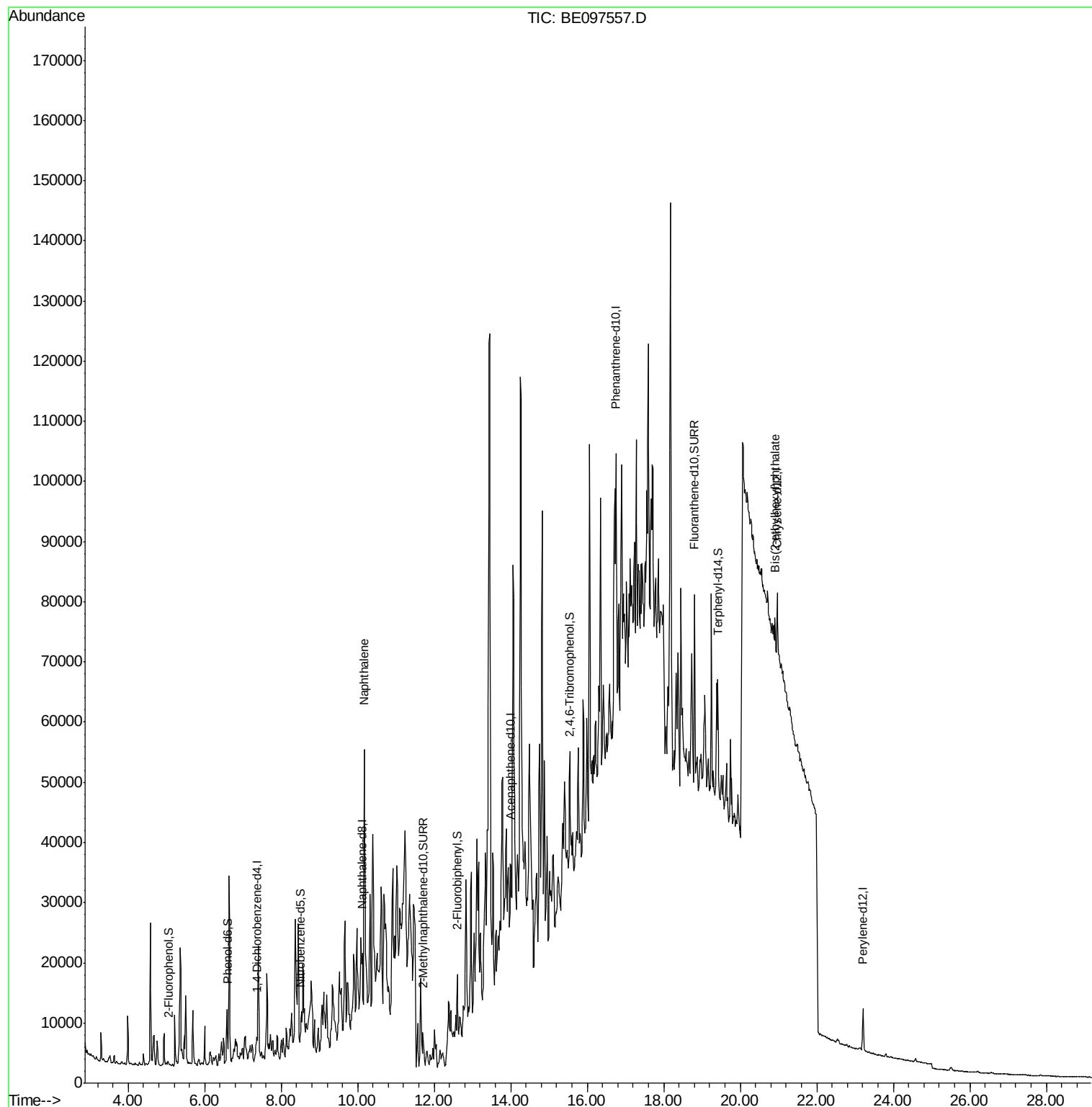
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	955	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	5365	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	4569	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	7948	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10392	0.40	ng	0.00
34) Perylene-d12	23.21	264	9746	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	622	0.22	ng	0.01
5) Phenol-d6	6.59	99	521	0.14	ng	0.00
8) Nitrobenzene-d5	8.51	82	1546	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	11.71	152	3931	0.53	ng	-0.01
14) 2,4,6-Tribromophenol	15.53	330	831	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.61	172	8340	0.52	ng	-0.02
25) Fluoranthene-d10	18.80	212	38303	0.38	ng	0.00
29) Terphenyl-d14	19.42	244	9976	0.52	ng	0.00
Target Compounds						
9) Naphthalene	10.17	128	61802	1.279	ng	# 97
32) Bis(2-ethylhexyl)phthalate	20.91	149	7185	0.174	ng	# 80

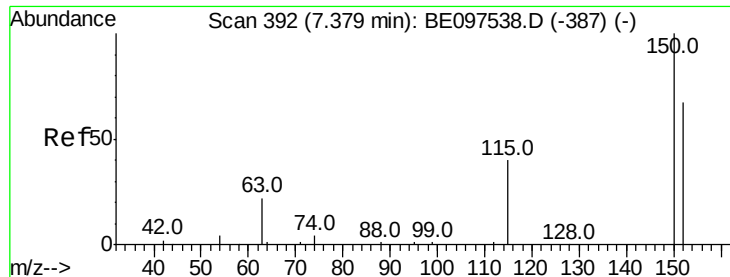
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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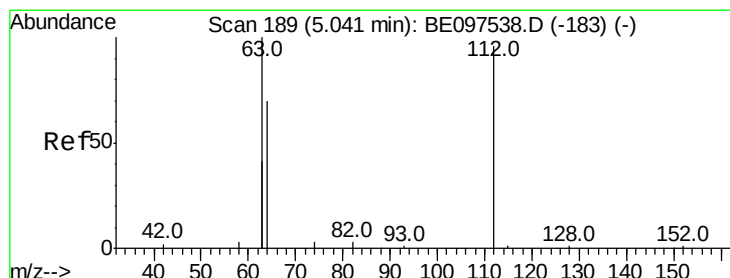
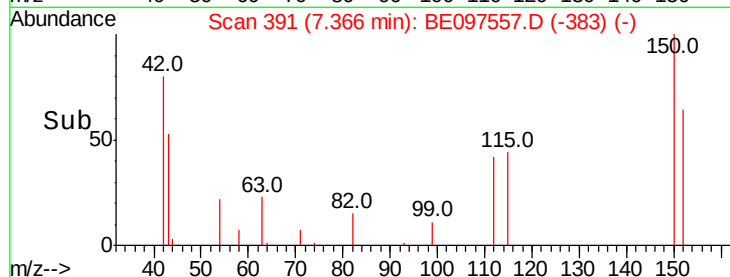
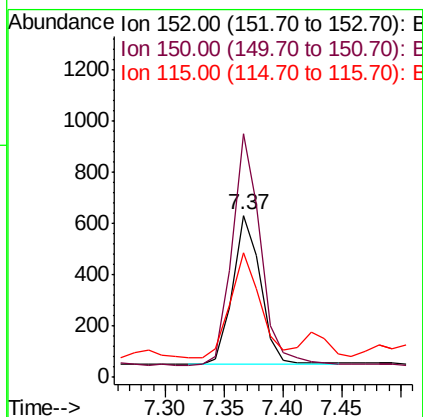
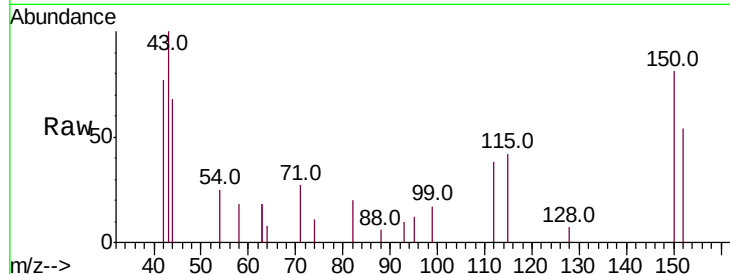


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097557.D
Acq: 20 Sep 2018 1:34

Instrument :
BNA_E
ClientSampleId :
BP-AOC22-MW03-20180915

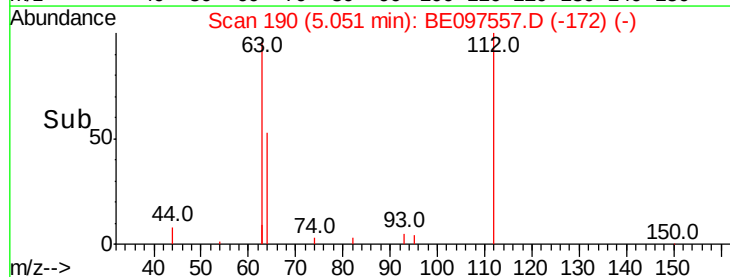
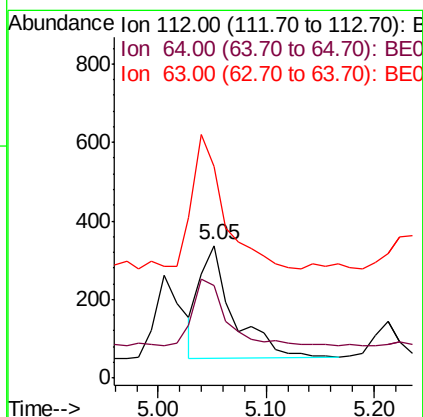
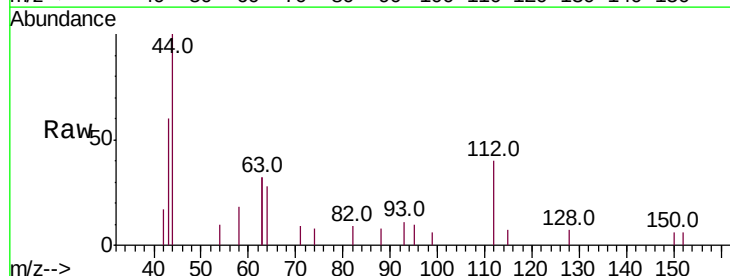
Tot Ion:152 Resp: 955
Ion Ratio Lower Upper
152 100
150 150.3 117.2 175.8
115 77.1 57.0 85.6

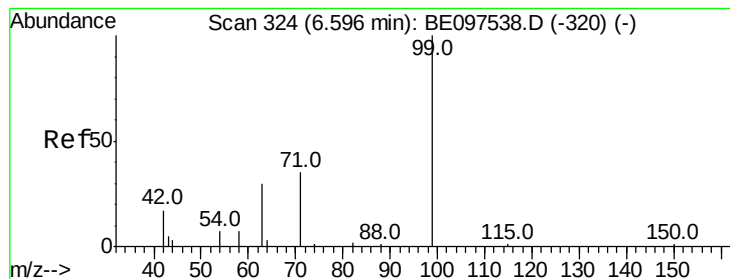


#4

2-Fluorophenol
Concen: 0.217 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.01 min
Lab File: BE097557.D
Acq: 20 Sep 2018 1:34

Tgt Ion:112 Resp: 622
Ion Ratio Lower Upper
112 100
64 61.4 60.1 90.1
63 123.3 116.8 175.2





#5

Phenol-d6

Concen: 0.142 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097557.D

Acq: 20 Sep 2018 1:34

Instrument :

BNA_E

ClientSampleId :

BP-AOC22-MW03-20180915

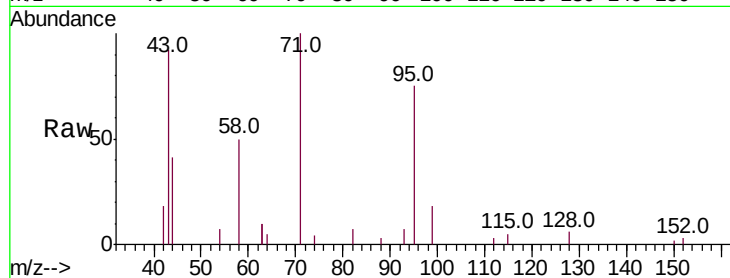
Tot Ion: 99 Resp: 521

Ion Ratio Lower Upper

99 100

42 111.9 20.2 30.2#

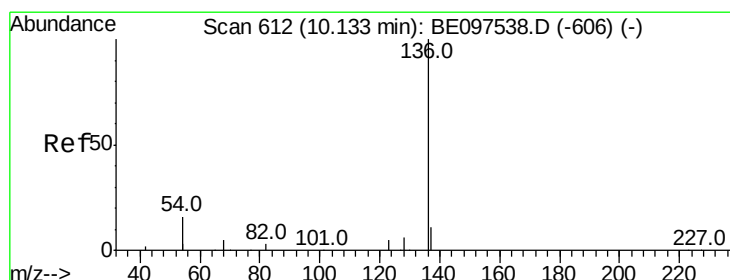
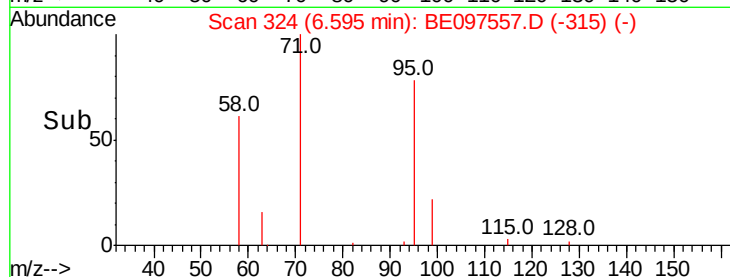
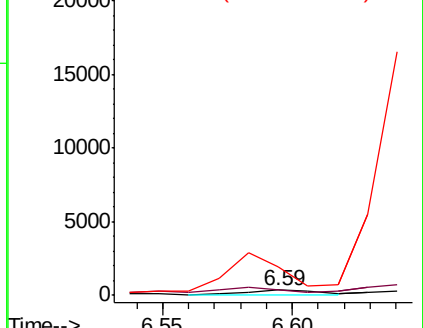
71 818.2 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097557.D

Acq: 20 Sep 2018 1:34

Tgt Ion: 136 Resp: 5365

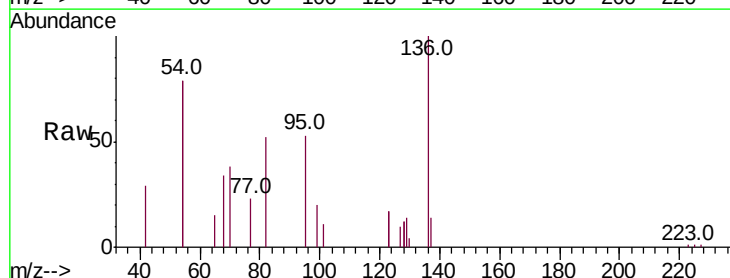
Ion Ratio Lower Upper

136 100

137 14.3 9.5 14.3#

54 158.8 29.1 43.7#

68 34.4 6.2 9.2#

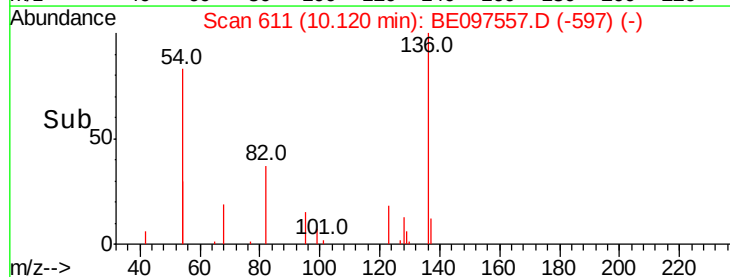
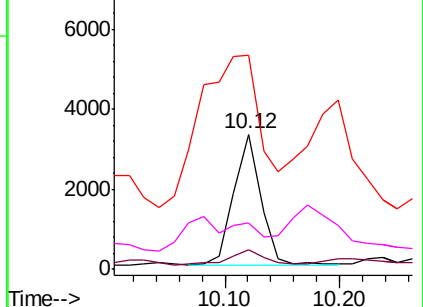


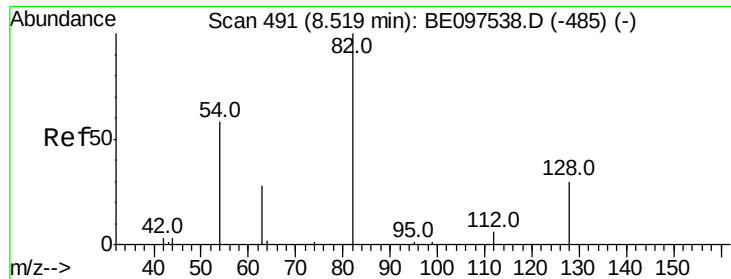
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.01 min

Lab File: BE097557.D

Acq: 20 Sep 2018 1:34

Instrument :

BNA_E

ClientSampleId :

BP-AOC22-MW03-20180915

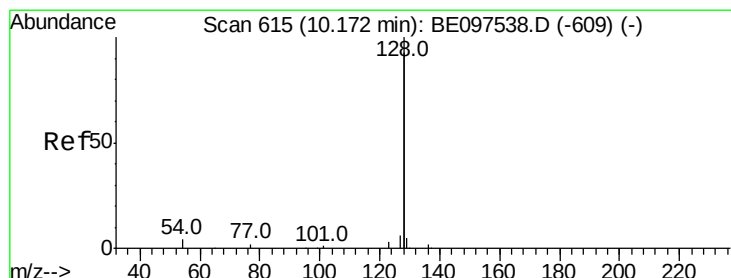
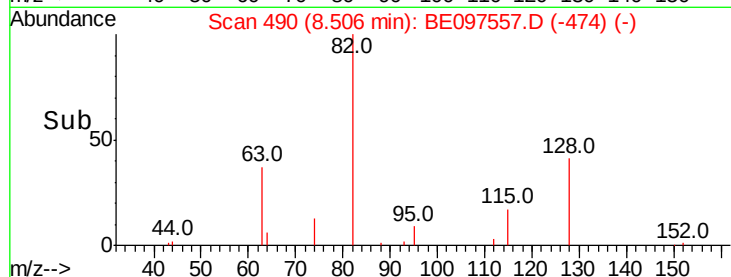
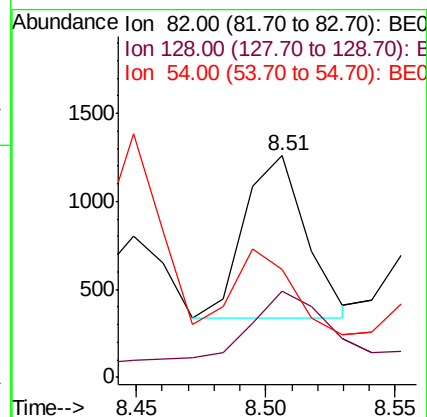
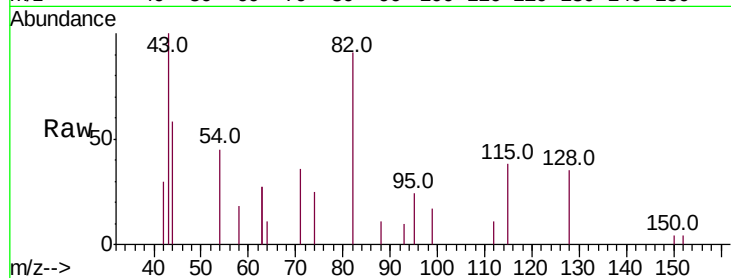
Tot Ion: 82 Resp: 1546

Ion Ratio Lower Upper

82 100

128 38.7 24.0 36.0#

54 49.1 40.0 60.0



#9

Naphthalene

Concen: 1.279 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097557.D

Acq: 20 Sep 2018 1:34

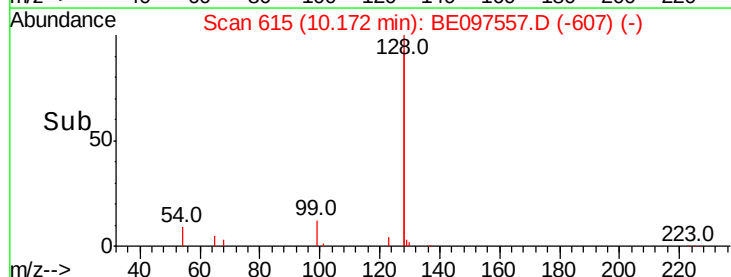
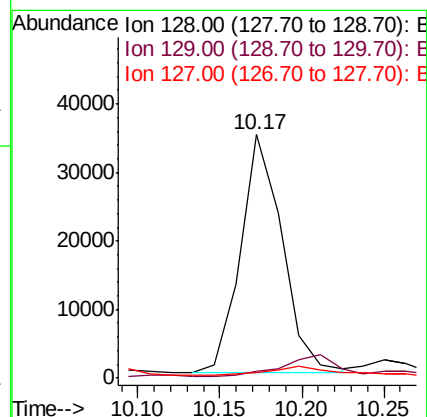
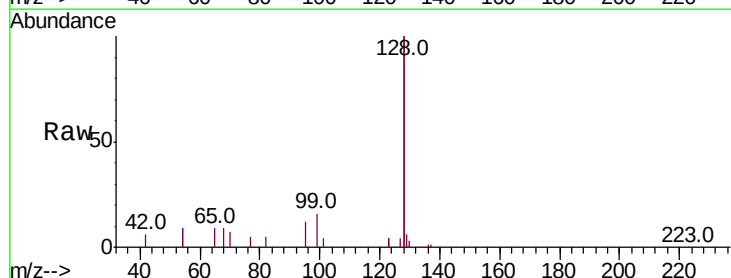
Tgt Ion:128 Resp: 61802

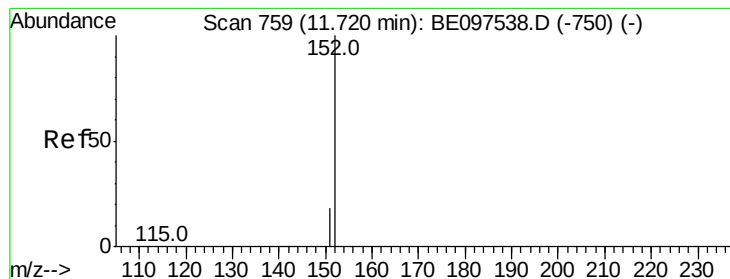
Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

127 2.2 2.8 4.2#





#11

2-Methylnaphthalene-d10

Concen: 0.532 ng

RT: 11.71 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE097557.D

Acq: 20 Sep 2018 1:34

Instrument :

BNA_E

ClientSampleId :

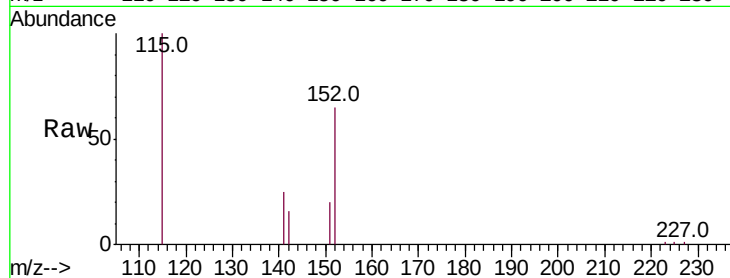
BP-AOC22-MW03-20180915

Tot Ion:152 Resp: 3931

Ion Ratio Lower Upper

152 100

151 33.4 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.71

2500

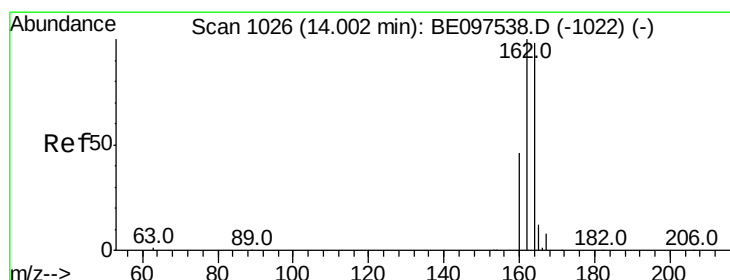
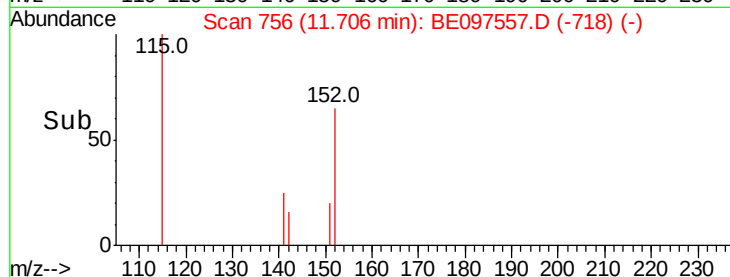
2000

1500

1000

500

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.99 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE097557.D

Acq: 20 Sep 2018 1:34

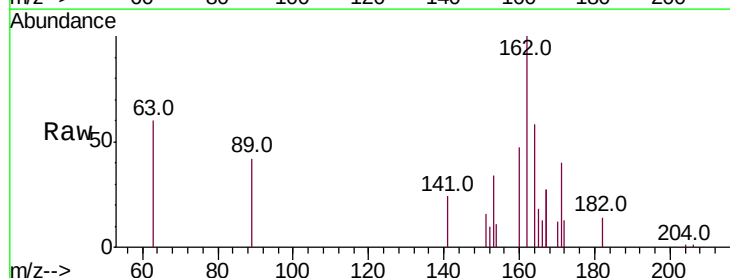
Tgt Ion:164 Resp: 4569

Ion Ratio Lower Upper

164 100

162 173.7 83.1 124.7#

160 81.1 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

30000

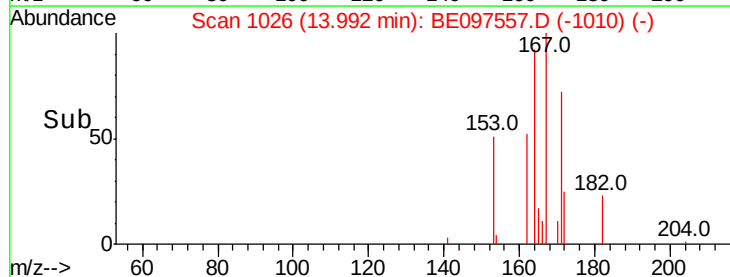
20000

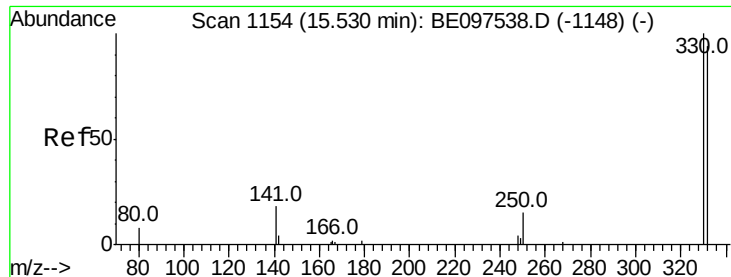
10000

0

13.99

Time-->

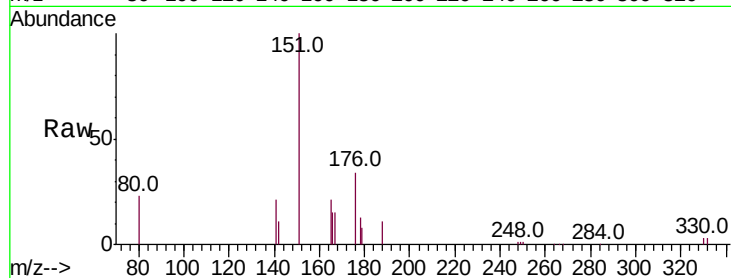




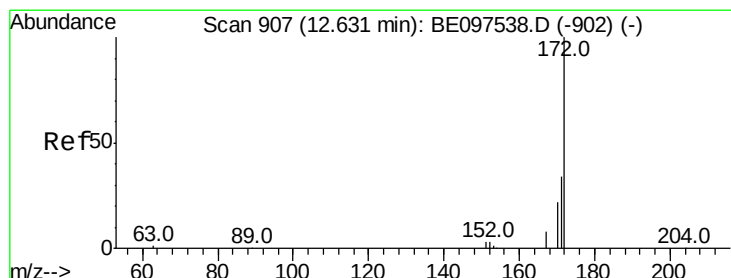
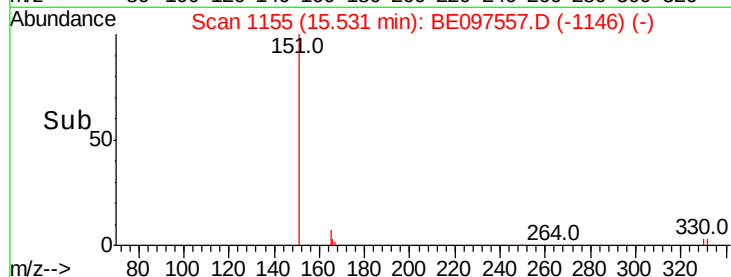
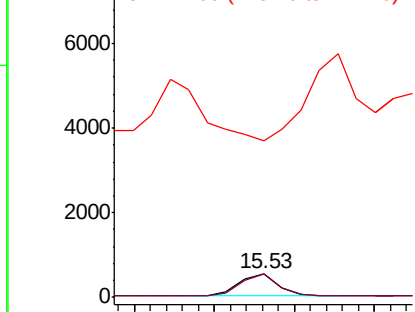
#14
 2,4,6-Tribromophenol
 Concen: 0.465 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BE097557.D
 Acq: 20 Sep 2018 1:34

Instrument :
 BNA_E
 ClientSampleId :
 BP-AOC22-MW03-20180915

Tot Ion:330 Resp: 831
 Ion Ratio Lower Upper
 330 100
 332 95.9 152.7 229.1#
 141 0.0 33.7 50.5#

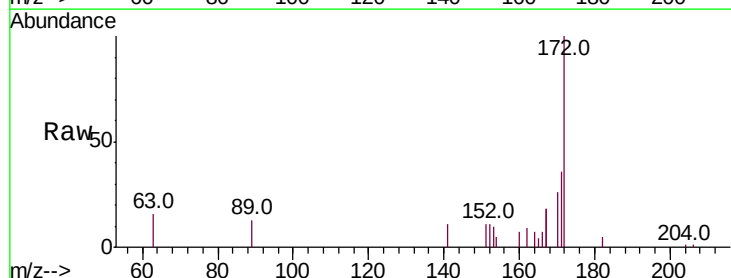


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

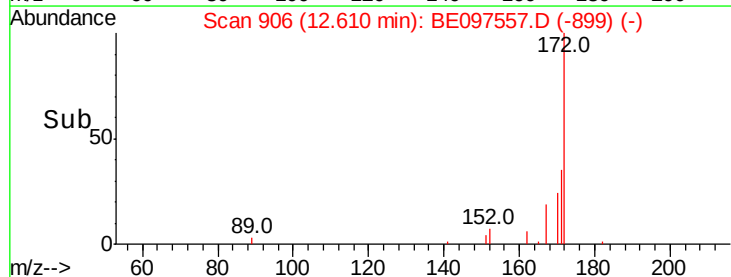
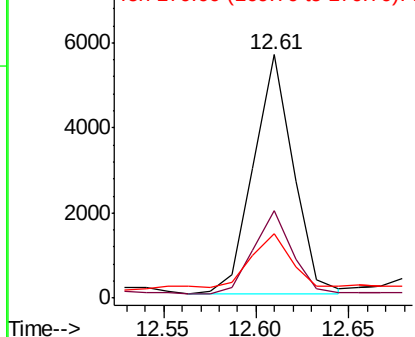


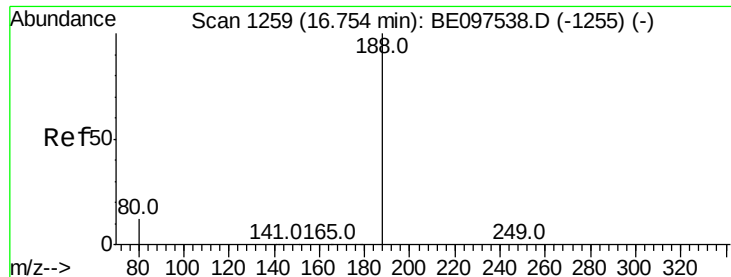
#15
 2-Fluorobiphenyl
 Concen: 0.517 ng
 RT: 12.61 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BE097557.D
 Acq: 20 Sep 2018 1:34

Tgt Ion:172 Resp: 8340
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.9 44.9
 170 26.5 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# 1260

Delta R.T. 0.00 min

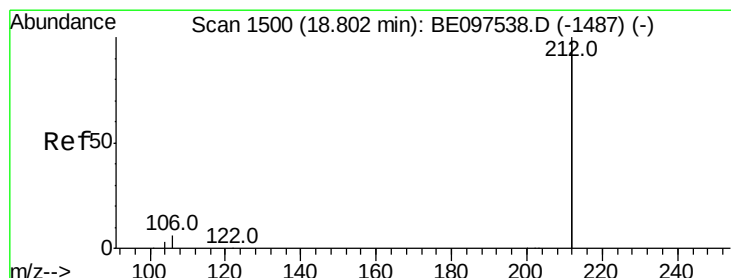
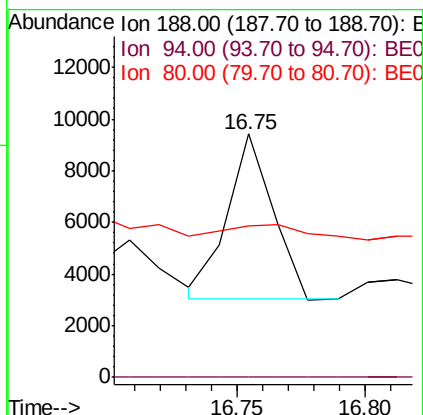
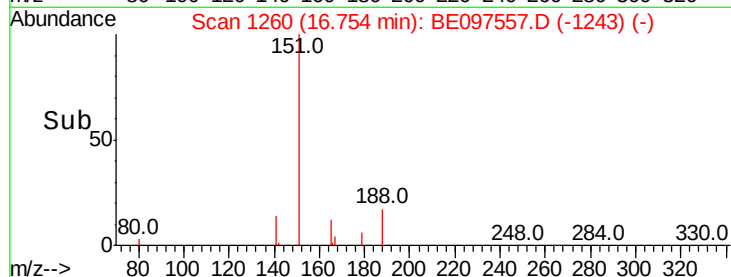
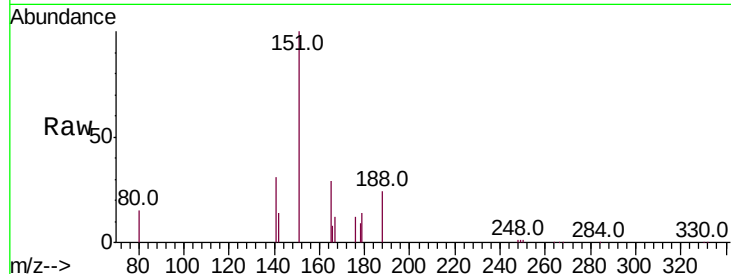
Lab File: BE097557.D

Acq: 20 Sep 2018 1:34

Instrument :
BNA_E
ClientSampleId :
BP-AOC22-MW03-20180915

Tot Ion:188 Resp: 7948

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	62.4	3.6	5.4#



#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 18.80 min Scan# 1501

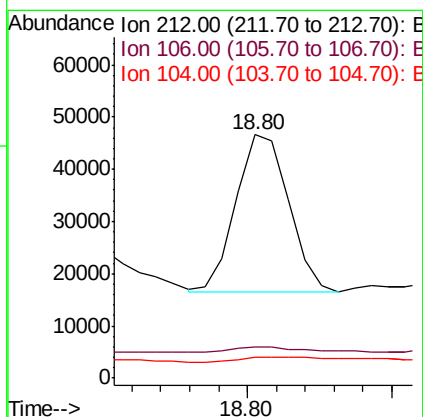
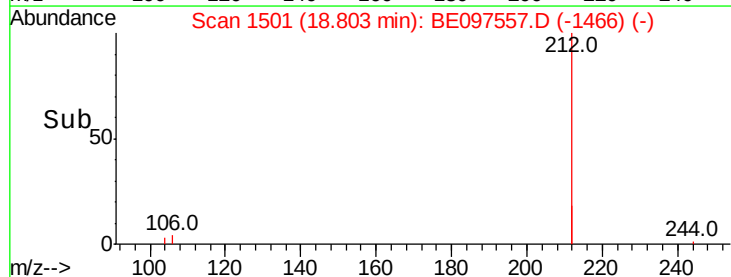
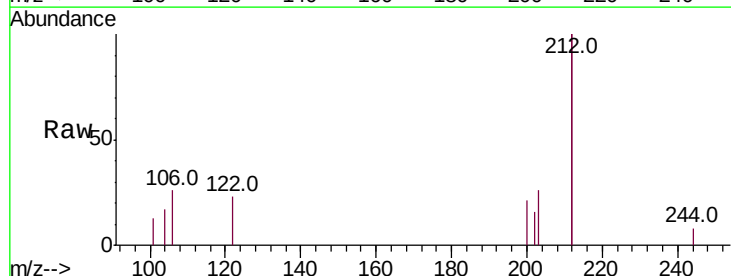
Delta R.T. 0.00 min

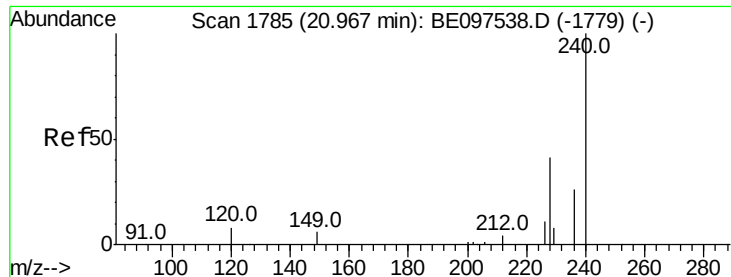
Lab File: BE097557.D

Acq: 20 Sep 2018 1:34

Tgt Ion:212 Resp: 38303

Ion	Ratio	Lower	Upper
212	100		
106	4.6	2.8	4.2#
104	8.4	1.6	2.4#

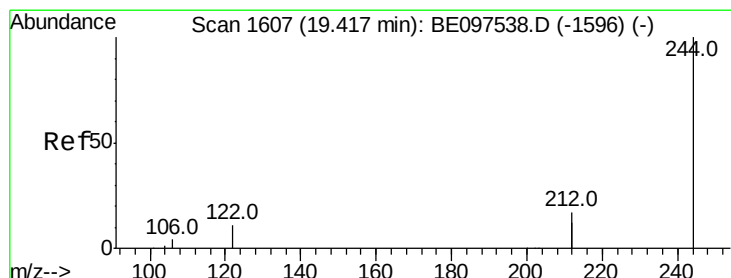
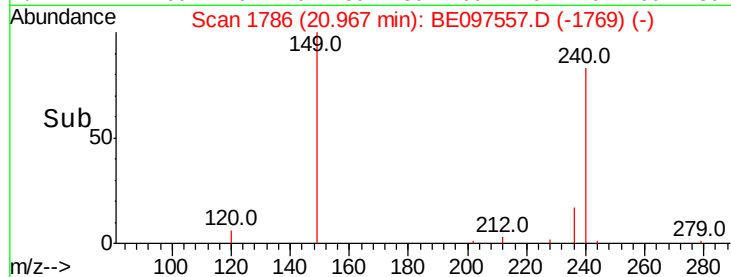
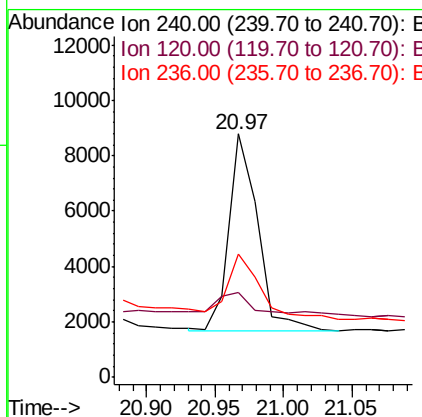
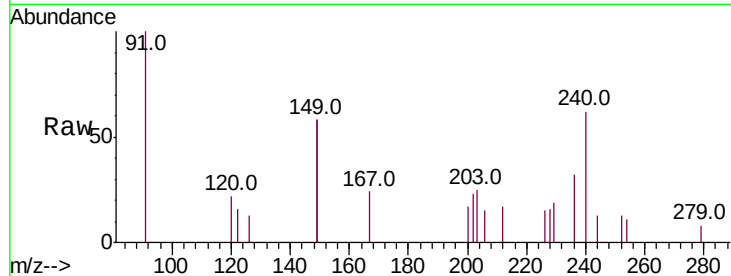




#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097557.D
Acq: 20 Sep 2018 1:34

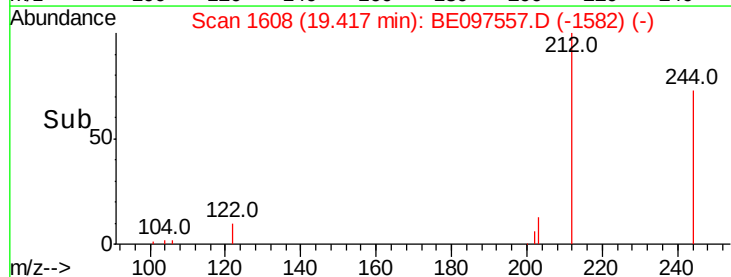
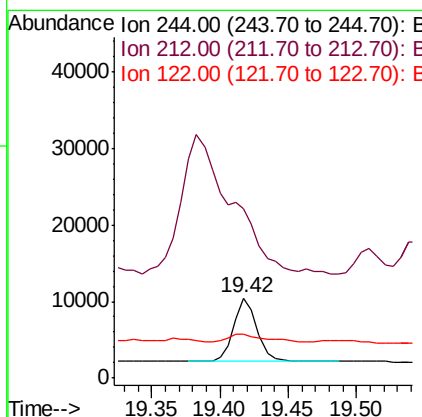
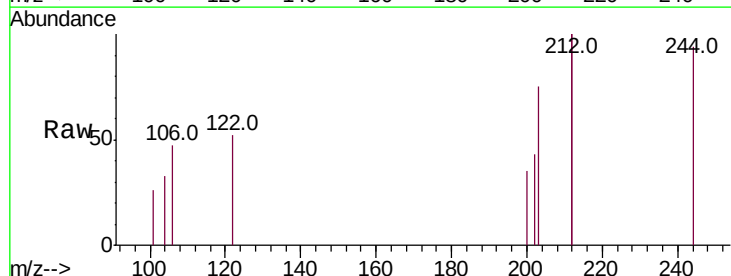
Instrument :
BNA_E
ClientSampleId :
BP-AOC22-MW03-20180915

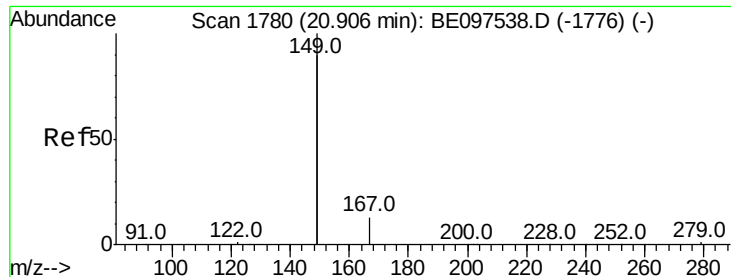
Tot Ion:240 Resp: 10392
Ion Ratio Lower Upper
240 100
120 34.6 5.5 8.3#
236 50.9 20.7 31.1#



#29
Terphenyl-d14
Concen: 0.524 ng
RT: 19.42 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BE097557.D
Acq: 20 Sep 2018 1:34

Tgt Ion:244 Resp: 9976
Ion Ratio Lower Upper
244 100
212 212.8 25.4 38.0#
122 55.3 8.1 12.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.174 ng

RT: 20.91 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097557.D

Acq: 20 Sep 2018 1:34

Instrument :

BNA_E

ClientSampleId :

BP-AOC22-MW03-20180915

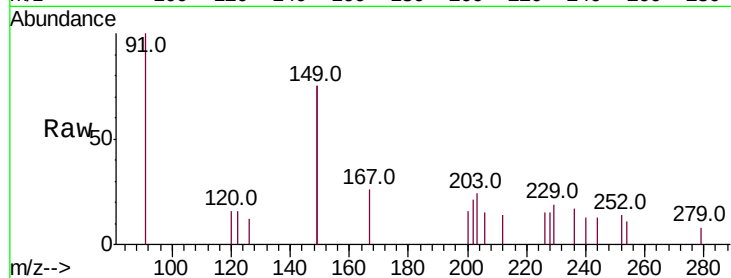
Tot Ion:149 Resp: 7185

Ion Ratio Lower Upper

149 100

167 0.0 5.4 8.0#

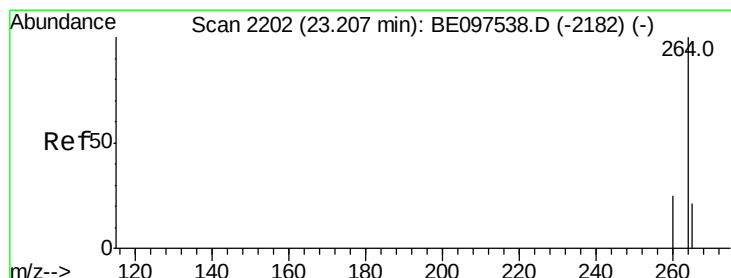
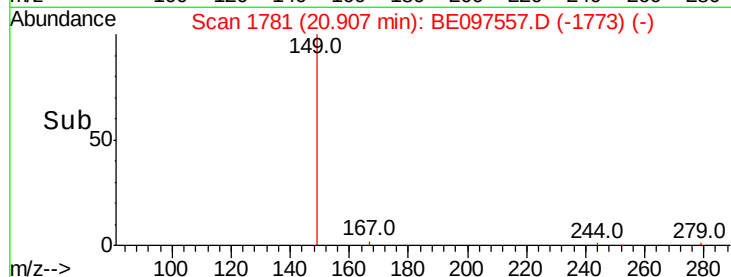
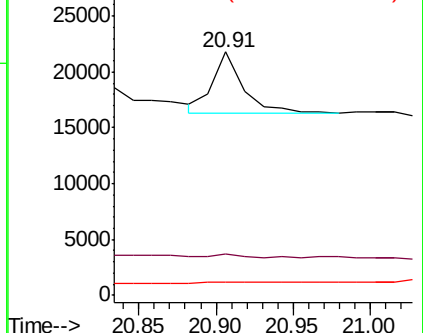
279 12.3 0.7 1.1#



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: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097557.D

Acq: 20 Sep 2018 1:34

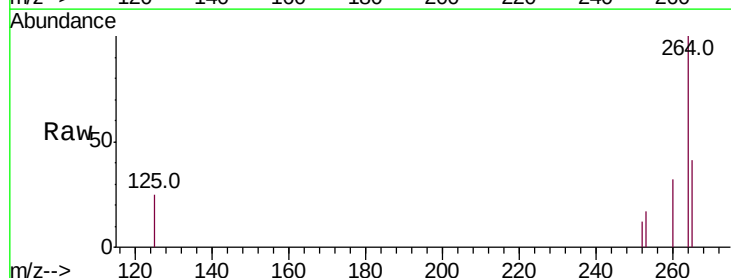
Tgt Ion:264 Resp: 9746

Ion Ratio Lower Upper

264 100

260 32.0 20.5 30.7#

265 41.4 22.8 34.2#



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

