

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097576.D
 Acq On : 20 Sep 2018 16:34
 Operator : SJ/JU
 Sample : J4913-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20180912

Quant Time: Sep 21 05:59:58 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	648	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3006	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	2052	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6463	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8849	0.40	ng	0.00
34) Perylene-d12	23.20	264	8643	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	368	0.19	ng	0.00
5) Phenol-d6	6.55	99	6	0.00	ng	-0.06
8) Nitrobenzene-d5	8.56	82	834	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	1901	0.46	ng	0.02
14) 2,4,6-Tribromophenol	15.52	330	452	0.54	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3459	0.48	ng	0.01
25) Fluoranthene-d10	18.80	212	36297	0.44	ng	0.00
29) Terphenyl-d14	19.41	244	9092	0.56	ng	0.00

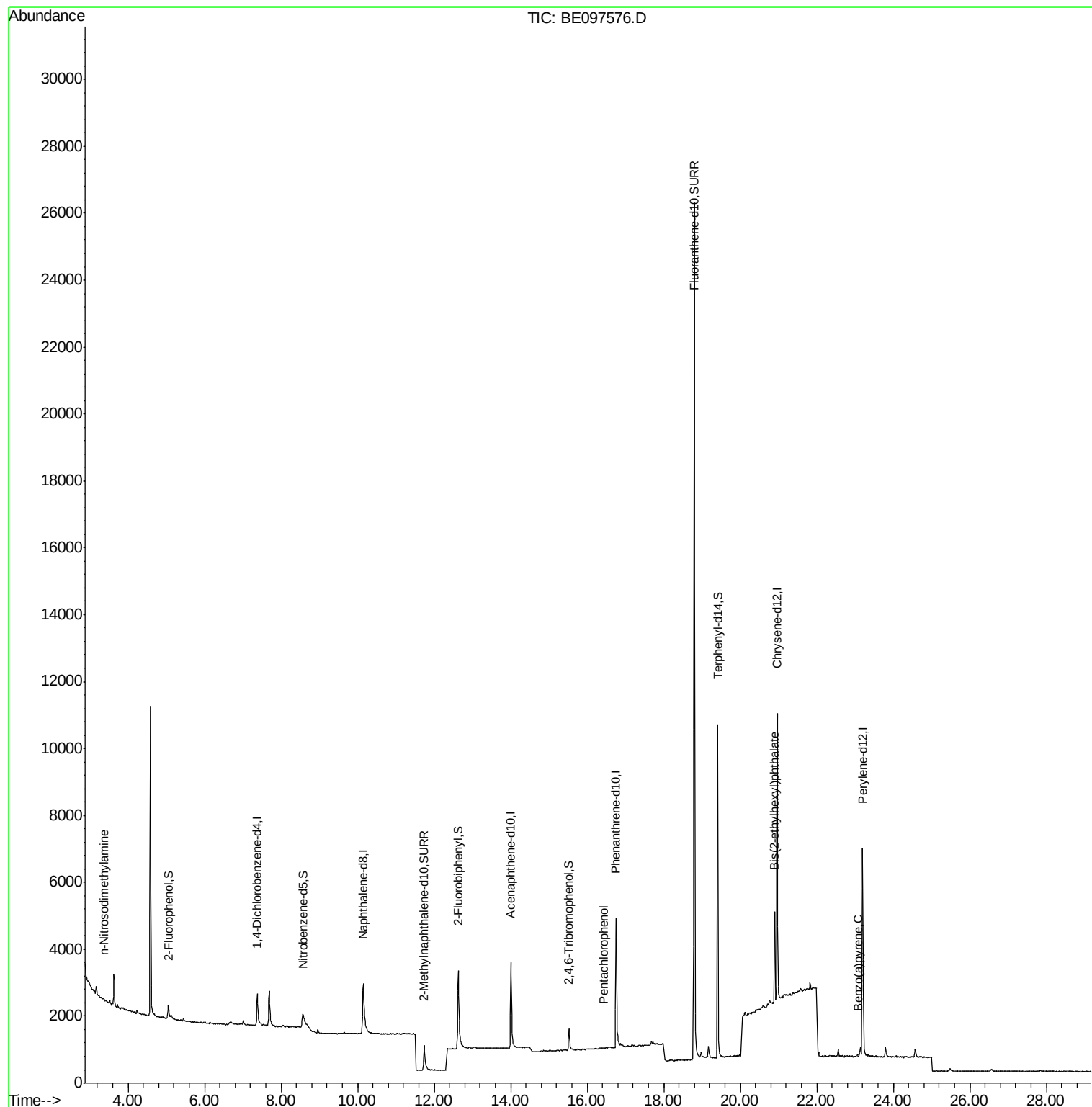
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.36	42	13	0.030	ng	# 1
22) Pentachlorophenol	16.44	266	21	0.144	ng	97
32) Bis(2-ethylhexyl)phthalate	20.89	149	3940	0.116	ng	# 100
37) Benzo(a)pyrene	23.09	252	13	0.021	ng	# 1

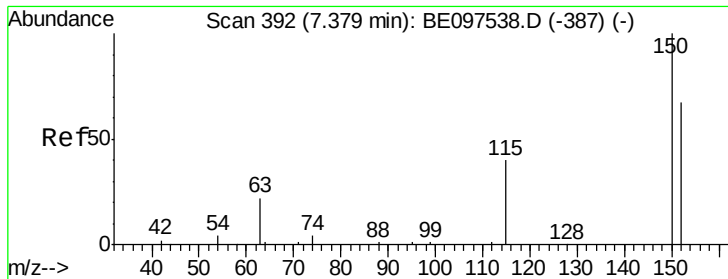
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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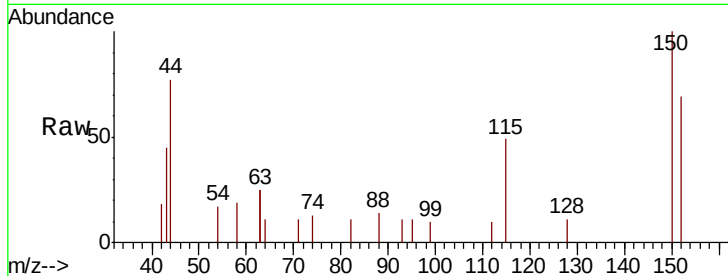


#1

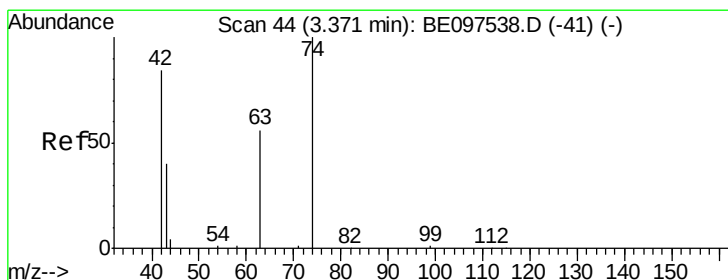
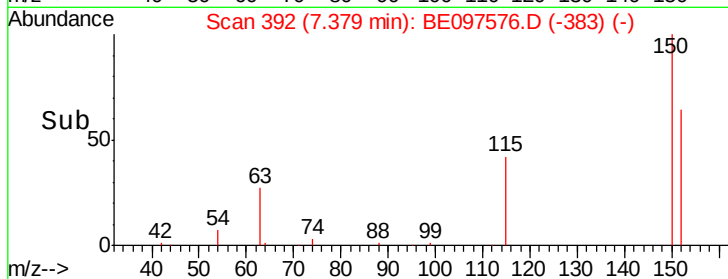
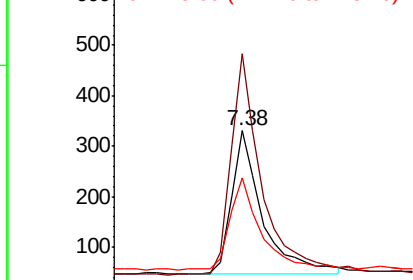
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097576.D
Acq: 20 Sep 2018 16:34

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW06-20180912

Tgt Ion:152 Resp: 648
Ion Ratio Lower Upper
152 100
150 145.9 117.2 175.8
115 71.6 57.0 85.6



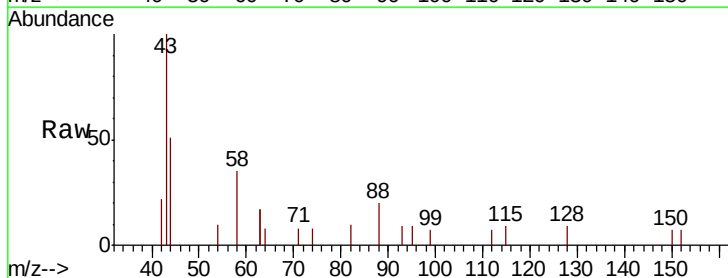
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



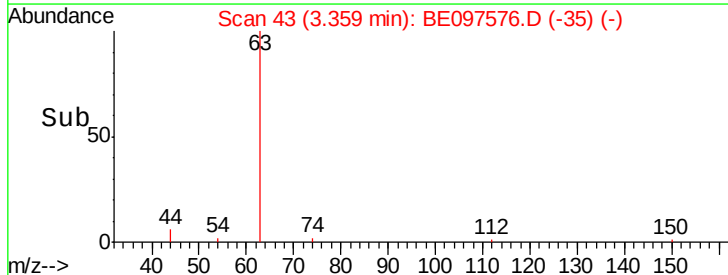
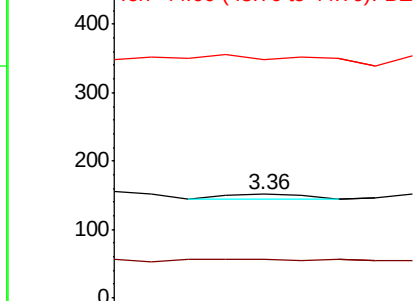
#3

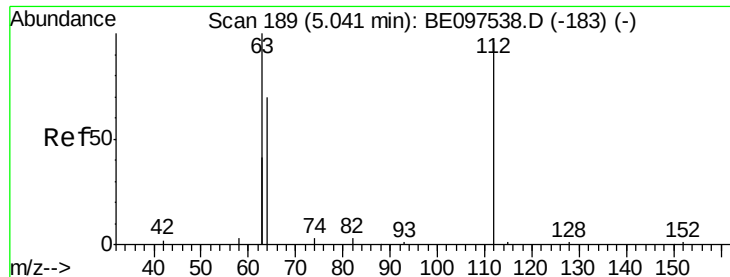
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE097576.D
Acq: 20 Sep 2018 16:34

Tgt Ion: 42 Resp: 13
Ion Ratio Lower Upper
42 100
74 123.1 96.0 144.0
44 438.5 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: 0.190 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180912

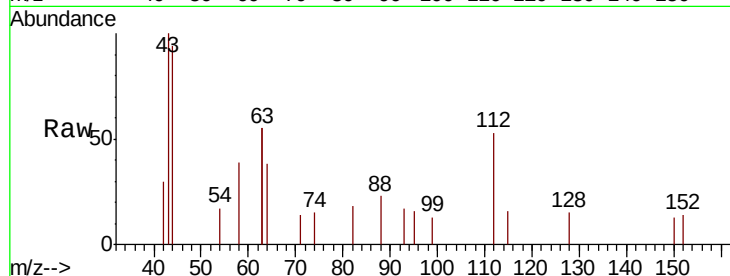
Tgt Ion: 112 Resp: 368

Ion Ratio Lower Upper

112 100

64 63.6 60.1 90.1

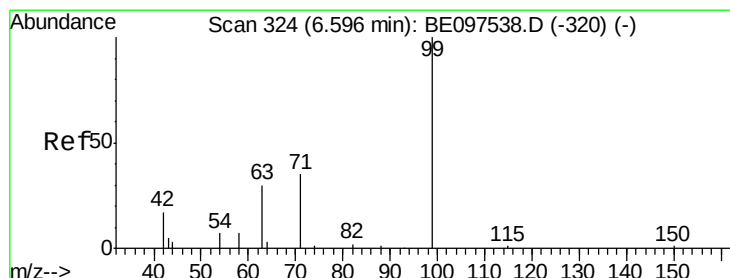
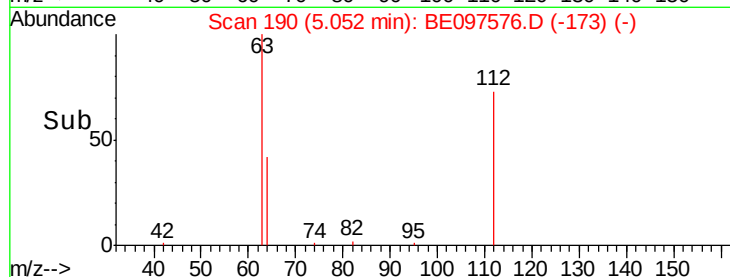
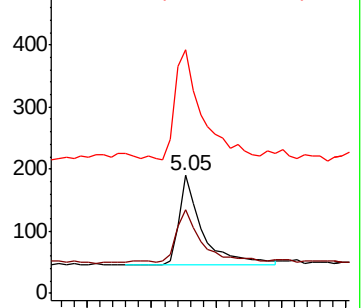
63 132.6 116.8 175.2



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

Phenol-d6

Concen: 0.002 ng

RT: 6.55 min Scan# 320

Delta R.T. -0.06 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

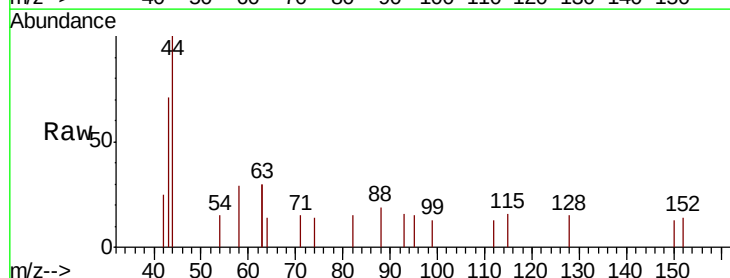
Tgt Ion: 99 Resp: 6

Ion Ratio Lower Upper

99 100

42 83.3 20.2 30.2#

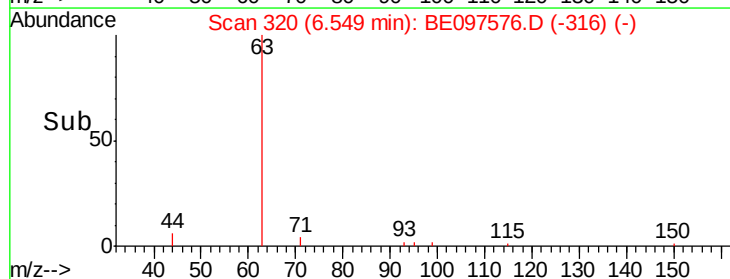
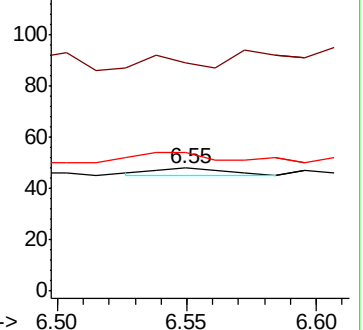
71 66.7 28.4 42.6#

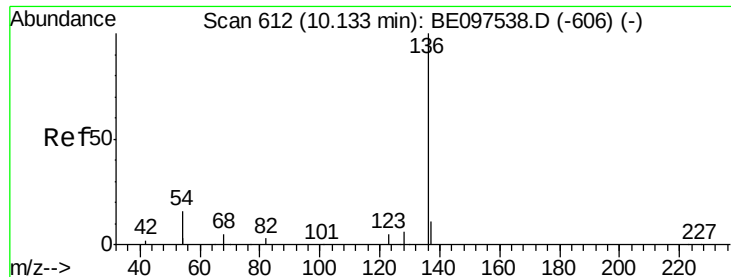


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180912

Tgt Ion: 136 Resp: 3006

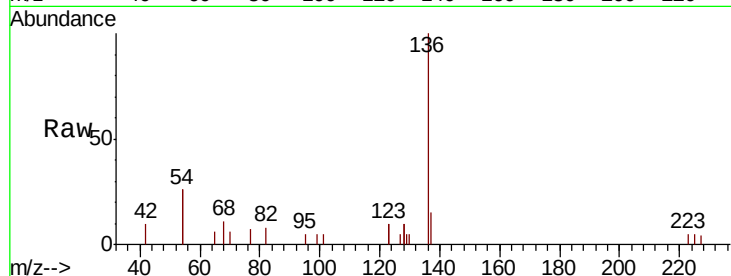
Ion Ratio Lower Upper

136 100

137 14.5 9.5 14.3#

54 51.9 29.1 43.7#

68 11.0 6.2 9.2#

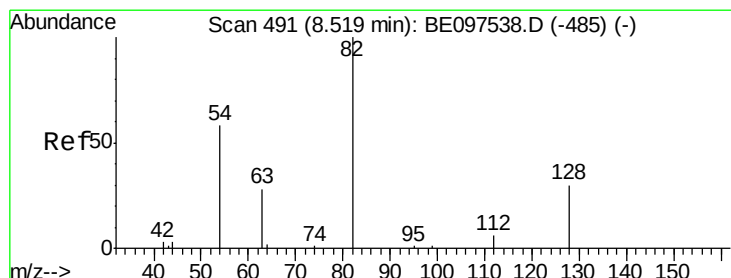
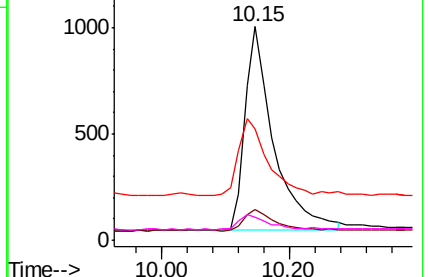
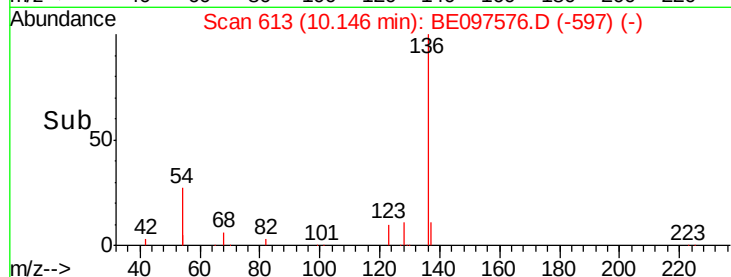


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.359 ng

RT: 8.56 min Scan# 495

Delta R.T. 0.03 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

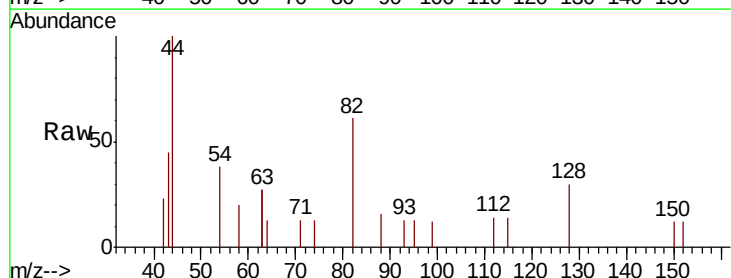
Tgt Ion: 82 Resp: 834

Ion Ratio Lower Upper

82 100

128 49.6 24.0 36.0#

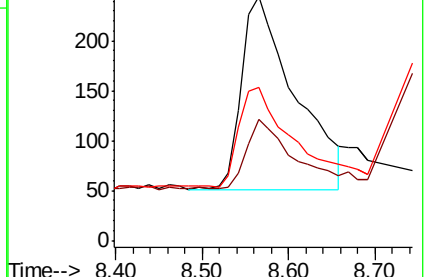
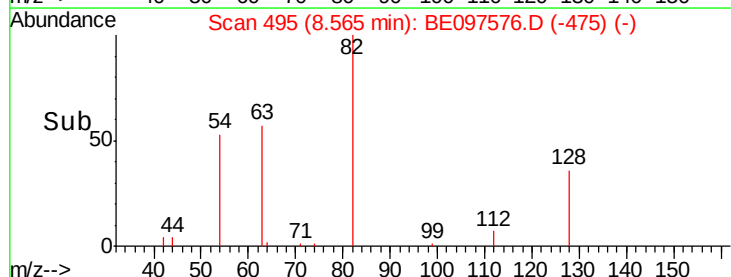
54 63.1 40.0 60.0#

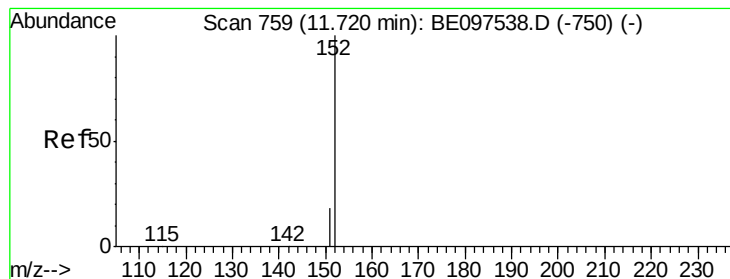


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.459 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

Instrument :

BNA_E

ClientSampleId :

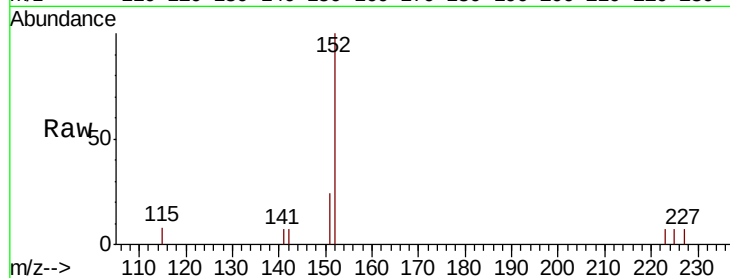
BP-TT-AOC22-MW06-20180912

Tgt Ion:152 Resp: 1901

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

11.74

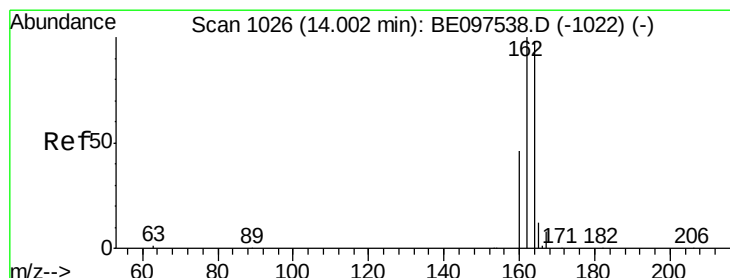
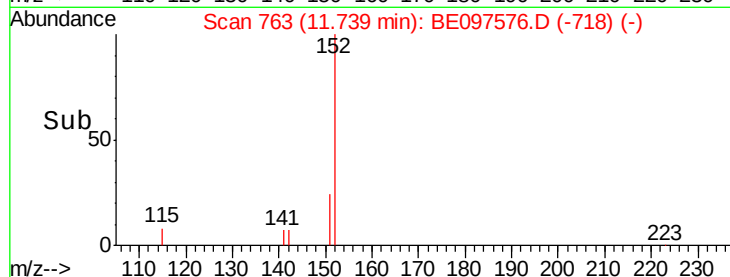
600

400

200

0

Time--> 11.60 11.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

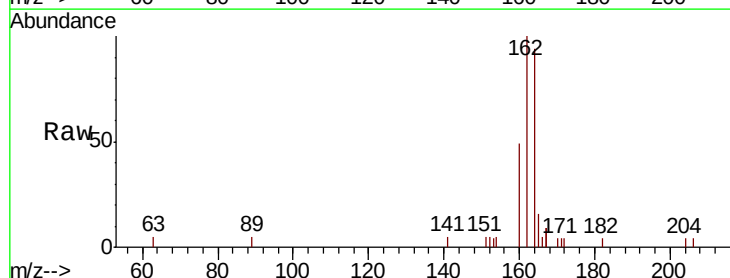
Tgt Ion:164 Resp: 2052

Ion Ratio Lower Upper

164 100

162 106.6 83.1 124.7

160 52.5 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

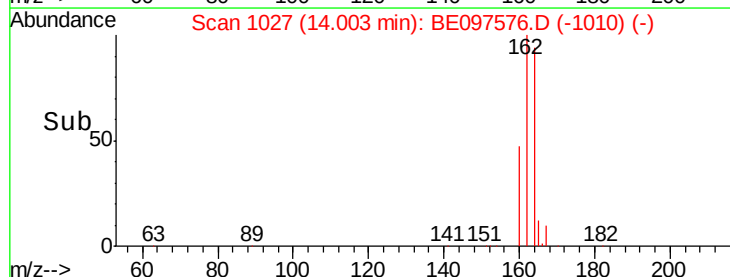
14.00

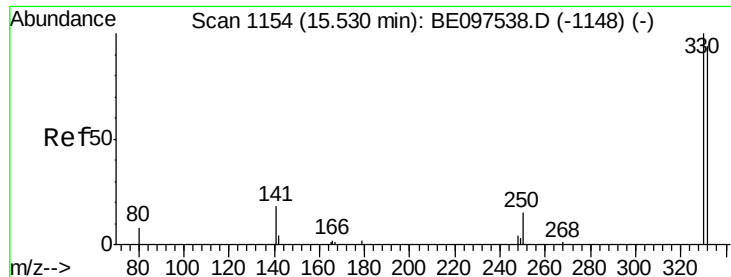
1000

500

0

Time--> 14.00 14.20

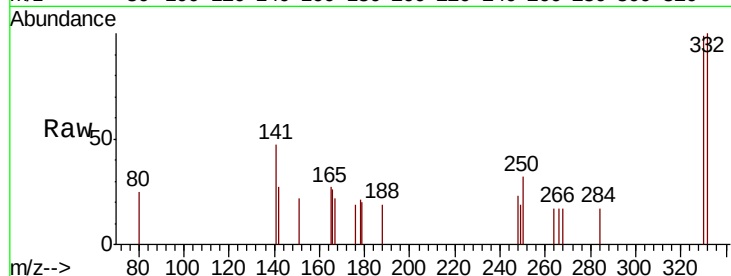




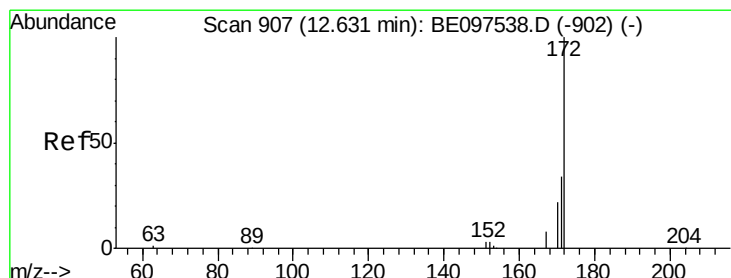
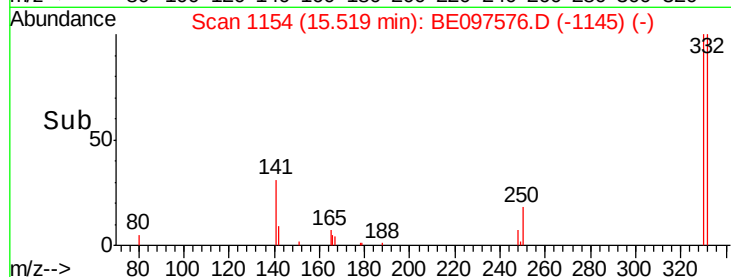
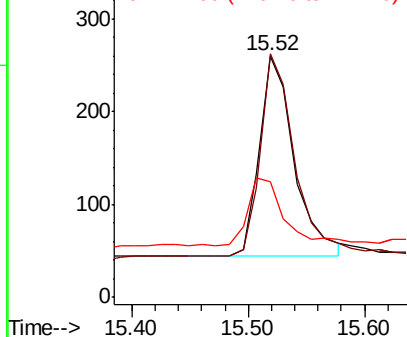
#14
 2,4,6-Tribromophenol
 Concen: 0.541 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097576.D
 Acq: 20 Sep 2018 16:34

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20180912

Tgt Ion: 330 Resp: 452
 Ion Ratio Lower Upper
 330 100
 332 98.7 152.7 229.1#
 141 36.7 33.7 50.5

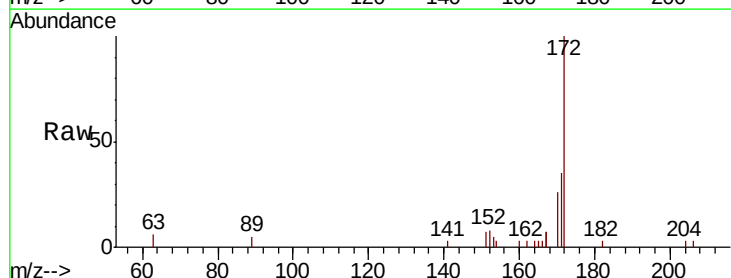


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

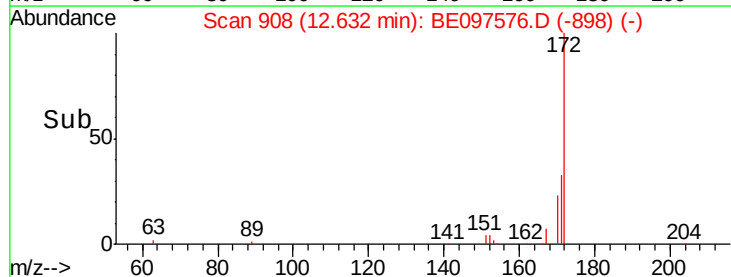
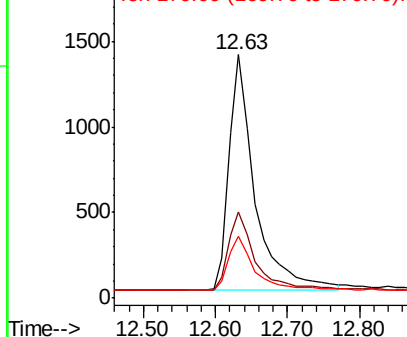


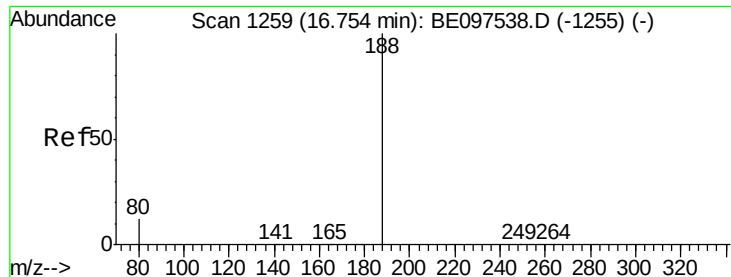
#15
 2-Fluorobiphenyl
 Concen: 0.477 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BE097576.D
 Acq: 20 Sep 2018 16:34

Tgt Ion: 172 Resp: 3459
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.9 44.9
 170 25.5 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: BE097576.D

Acq: 20 Sep 2018 16:34

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180912

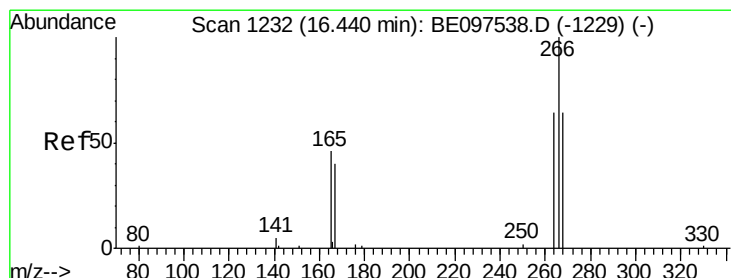
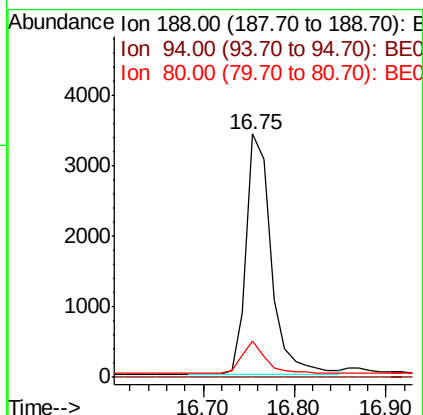
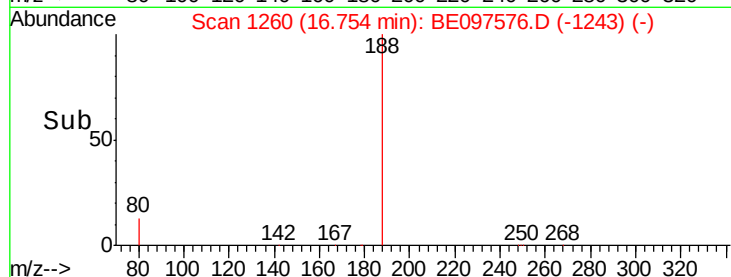
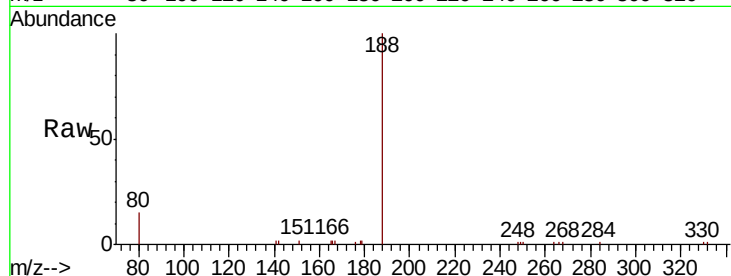
Tgt Ion:188 Resp: 6463

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 14.9 3.6 5.4#



#22

Pentachlorophenol

Concen: 0.144 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

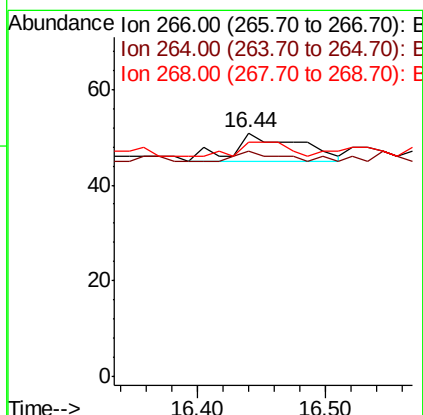
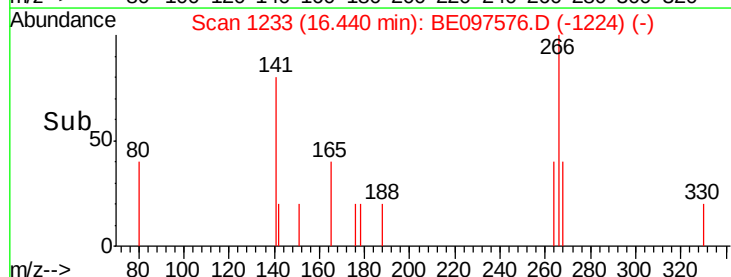
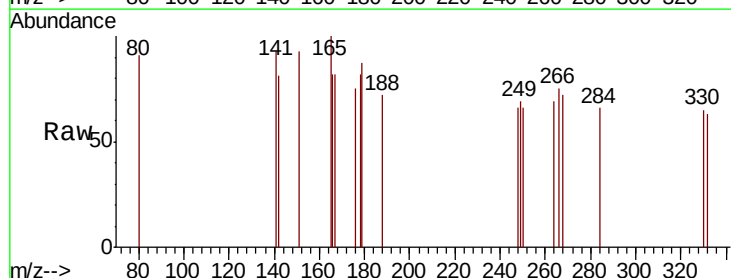
Tgt Ion:266 Resp: 21

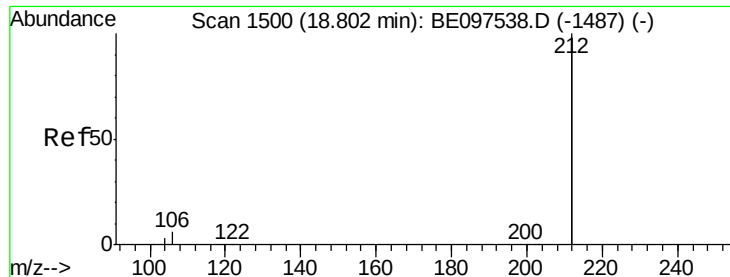
Ion Ratio Lower Upper

266 100

264 92.2 72.5 108.7

268 96.1 73.8 110.6





#25

Fluoranthene-d10

Concen: 0.439 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

Instrument :

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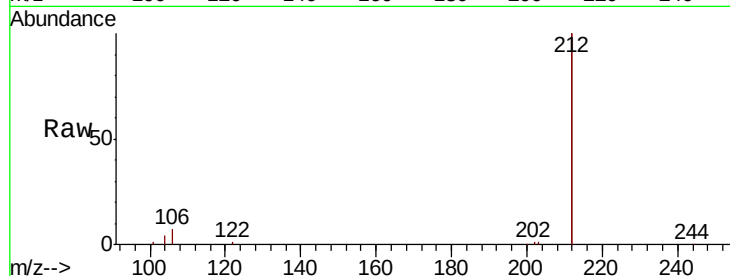
Tgt Ion:212 Resp: 36297

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

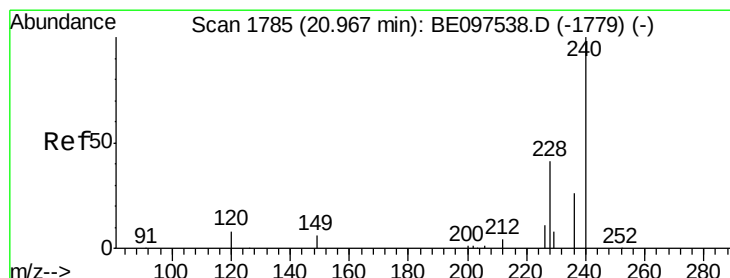
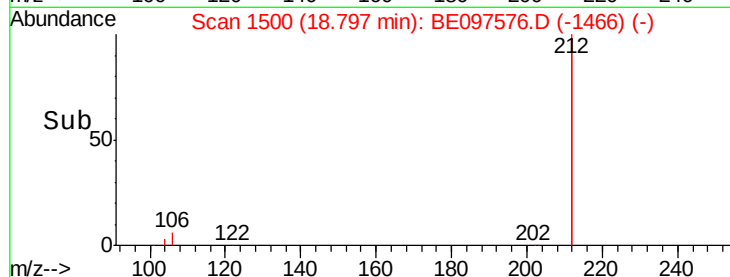
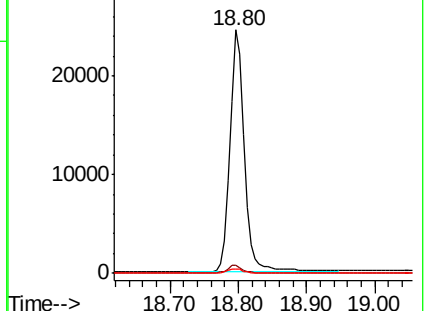
104 1.8 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

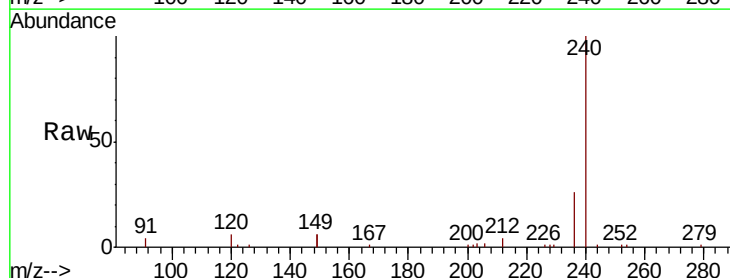
Tgt Ion:240 Resp: 8849

Ion Ratio Lower Upper

240 100

120 6.2 5.5 8.3

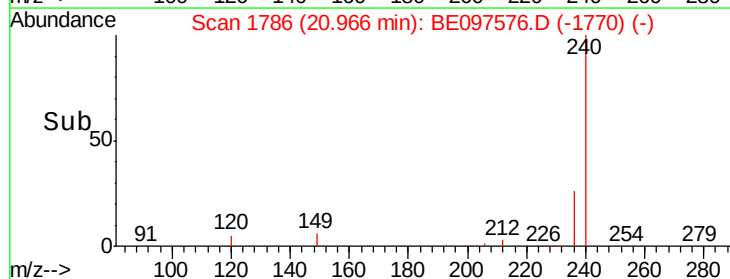
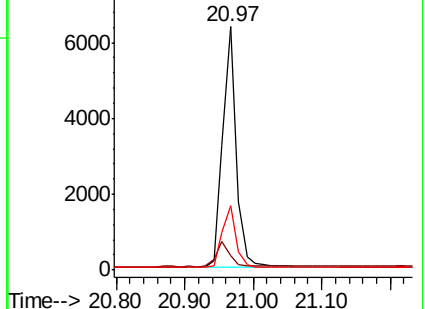
236 26.3 20.7 31.1

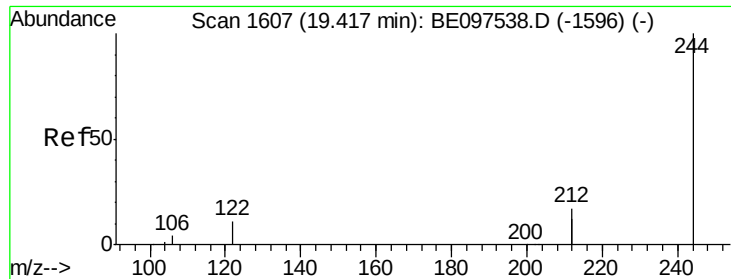


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.561 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180912

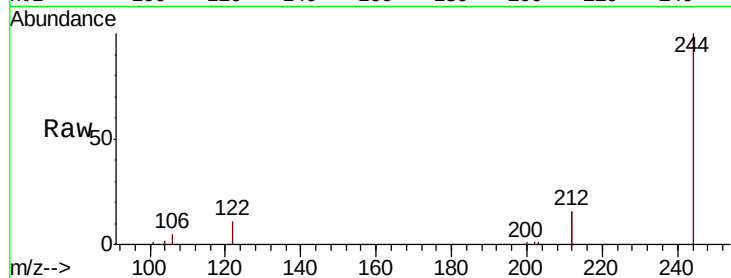
Tgt Ion:244 Resp: 9092

Ion Ratio Lower Upper

244 100

212 32.0 25.4 38.0

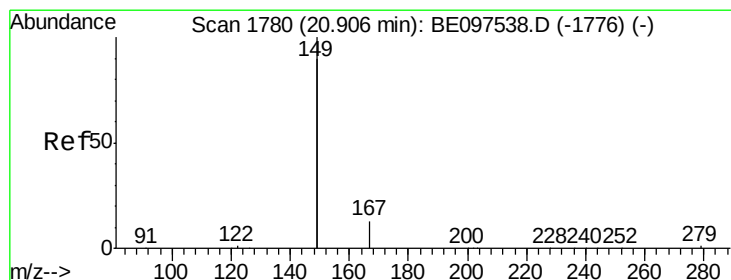
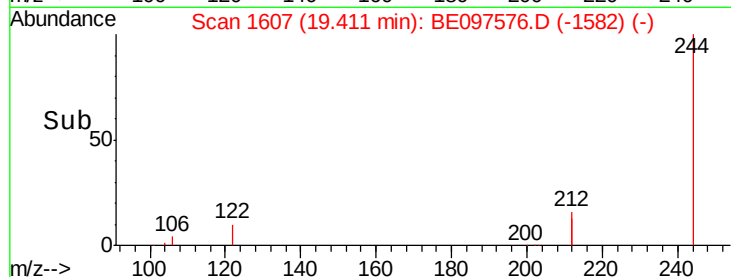
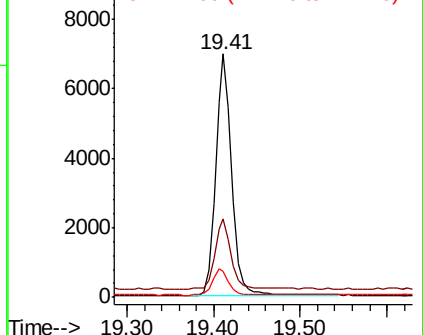
122 10.6 8.1 12.1



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: 0.116 ng

RT: 20.89 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE097576.D

Acq: 20 Sep 2018 16:34

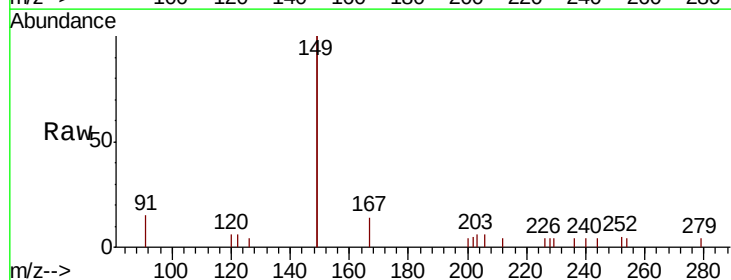
Tgt Ion:149 Resp: 3940

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

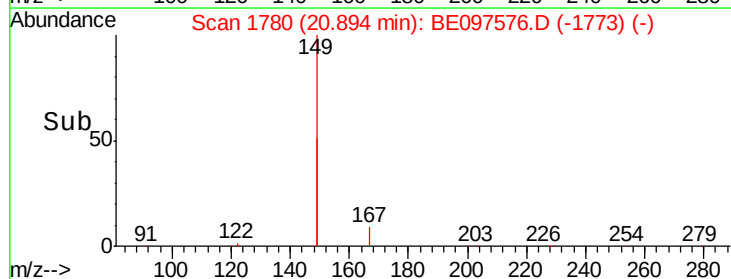
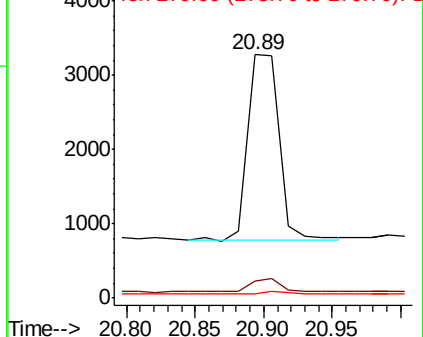
279 1.3 0.7 1.1#

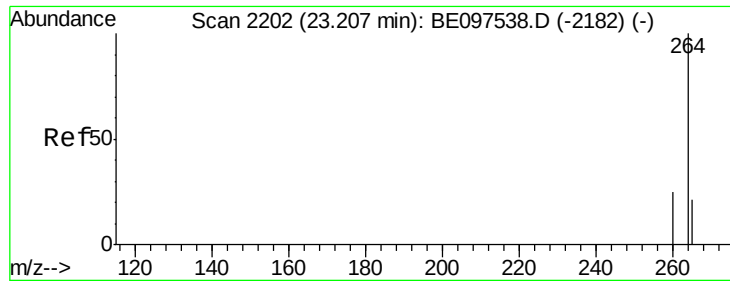


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

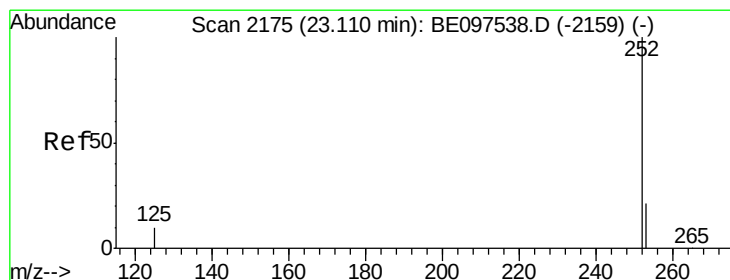
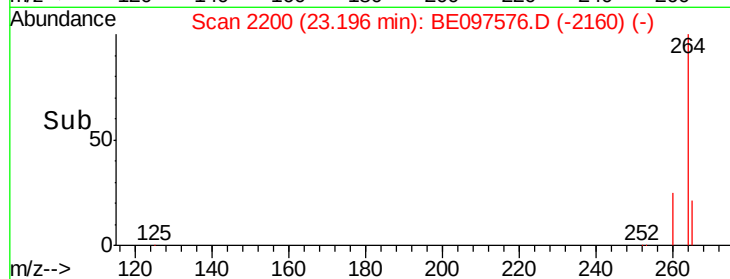
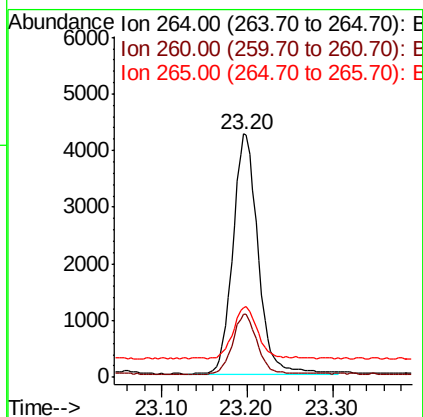
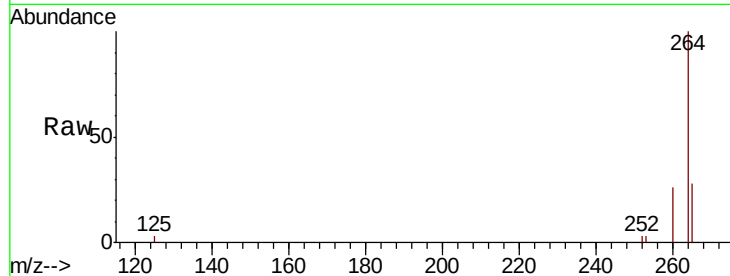




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BE097576.D
 Acq: 20 Sep 2018 16:34

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20180912

Tgt Ion: 264 Resp: 8643
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 28.3 22.8 34.2



#37
Benzo(a)pyrene
 Concen: 0.021 ng
 RT: 23.09 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BE097576.D
 Acq: 20 Sep 2018 16:34

Tgt Ion: 252 Resp: 13
 Ion Ratio Lower Upper
 252 100
 253 136.3 16.0 24.0#
 125 112.7 12.0 18.0#

