

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
 Data File : BE097122.D
 Acq On : 31 Jul 2018 14:52
 Operator : SJ/JU
 Sample : J4211-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LW-04-072618

Quant Time: Jul 31 15:54:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

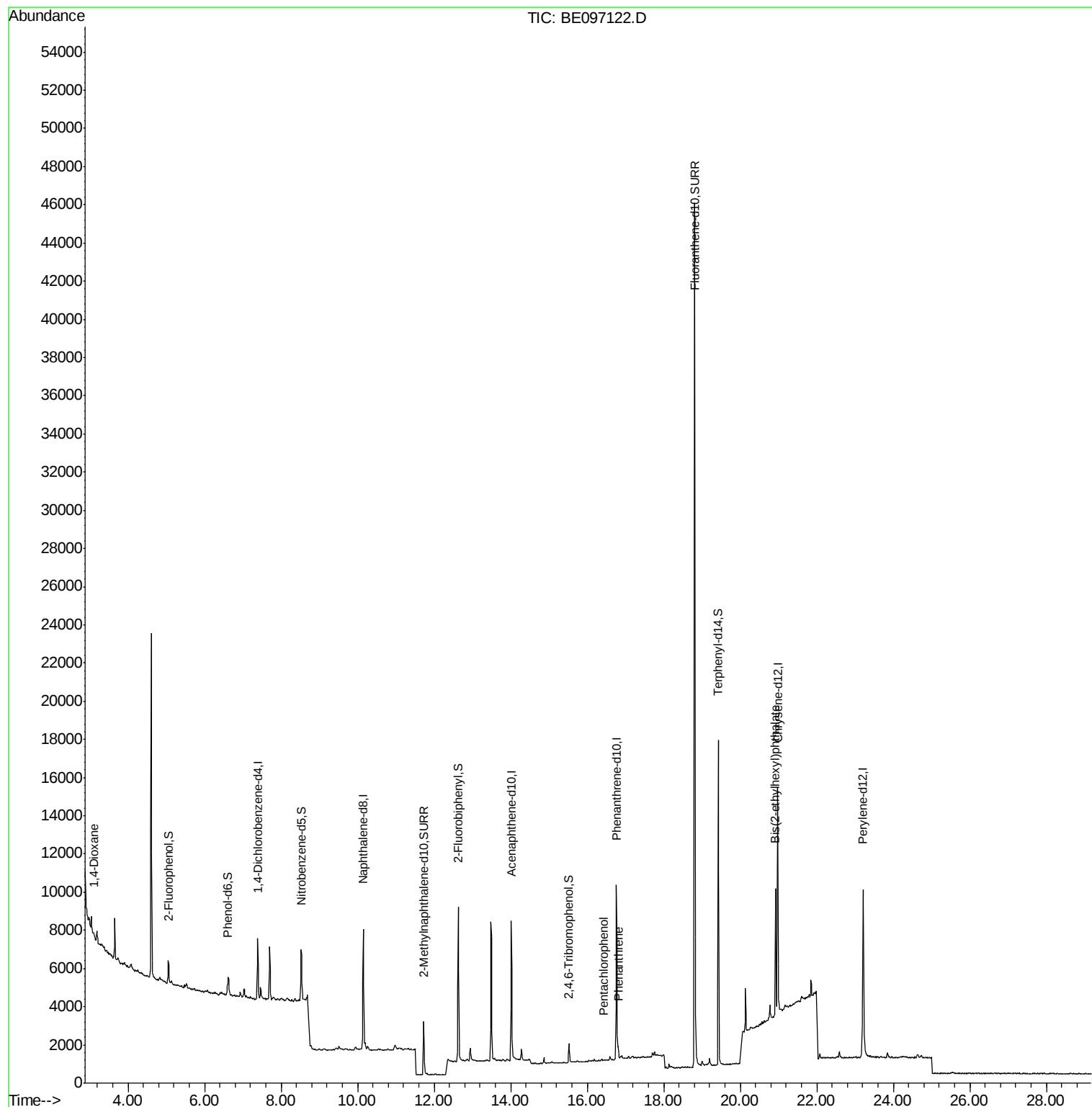
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1446	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6971	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4286	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	12621	0.40	ng	0.00
27) Chrysene-d12	20.98	240	13170	0.40	ng	0.00
34) Perylene-d12	23.21	264	12838	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	625	0.15	ng	0.01
5) Phenol-d6	6.61	99	486	0.08	ng	0.01
8) Nitrobenzene-d5	8.52	82	2718	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4163	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	602	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	6971	0.47	ng	0.00
25) Fluoranthene-d10	18.81	212	61296	0.49	ng	0.00
29) Terphenyl-d14	19.43	244	15443	0.61	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	68	0.030	ng	Qvalue # 16
22) Pentachlorophenol	16.44	266	11	0.042	ng	94
23) Phenanthrene	16.81	178	612	0.020	ng	# 87
32) Bis(2-ethylhexyl)phthalate	20.92	149	8756	0.255	ng	100

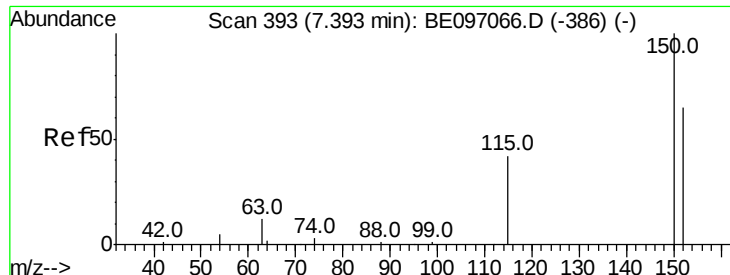
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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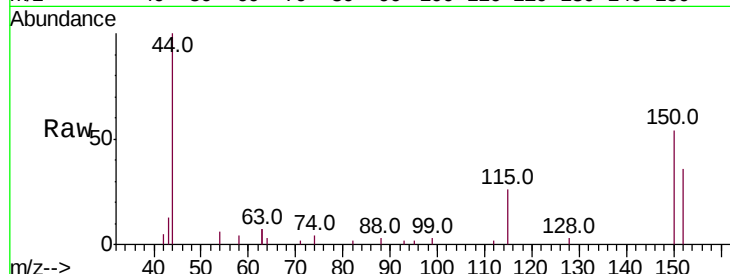




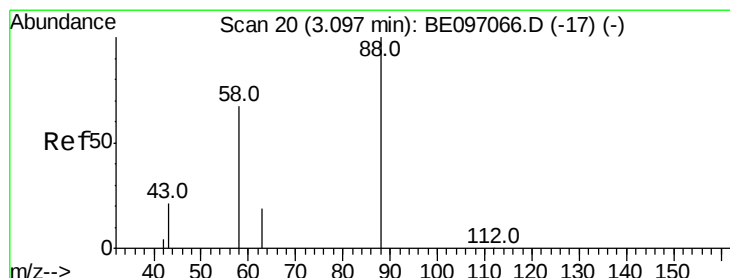
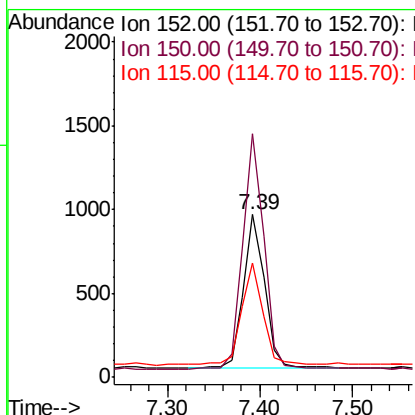
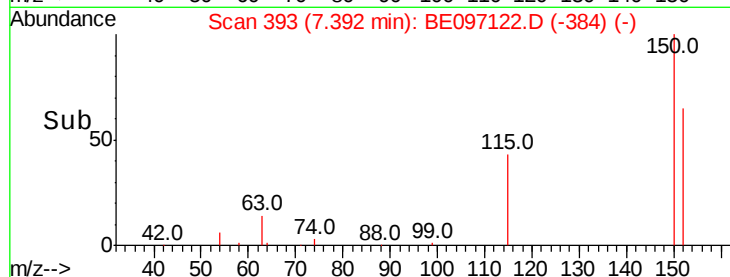
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BE097122.D
 Acq: 31 Jul 2018 14:52

Instrument :
 BNA_E
 ClientSampleId :
 LW-04-072618

Tot Ion:152 Resp: 1446
 Ion Ratio Lower Upper
 152 100
 150 149.5 117.2 175.8
 115 70.2 57.0 85.6

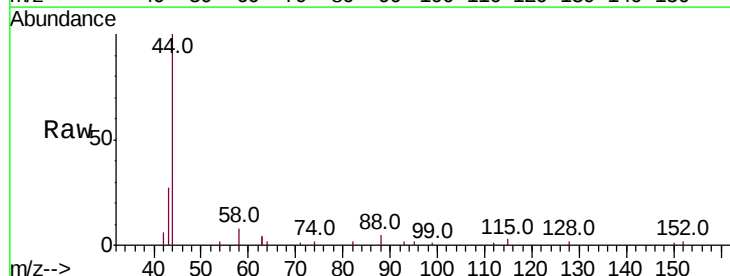


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

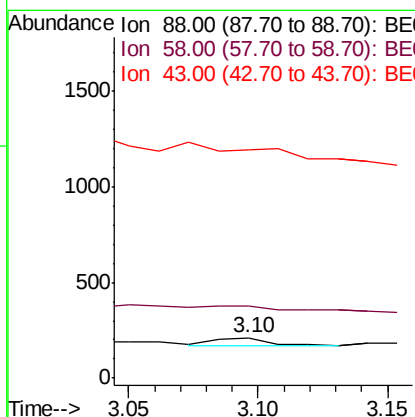
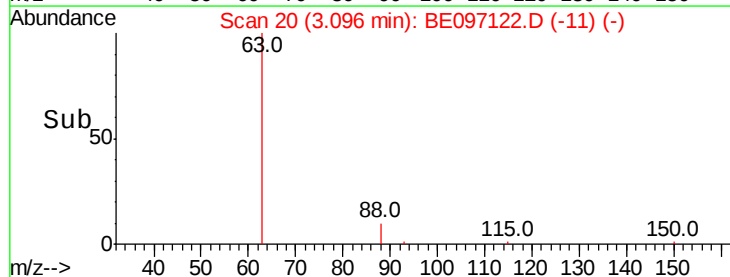


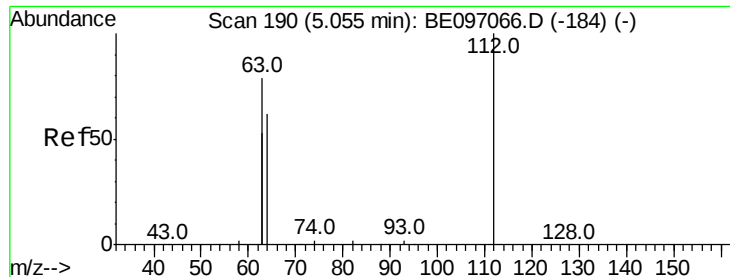
#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.10 min Scan# 20
 Delta R.T. 0.00 min
 Lab File: BE097122.D
 Acq: 31 Jul 2018 14:52

Tgt Ion: 88 Resp: 68
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.2 94.8#
 43 0.0 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

Instrument :

BNA_E

ClientSampleId :

LW-04-072618

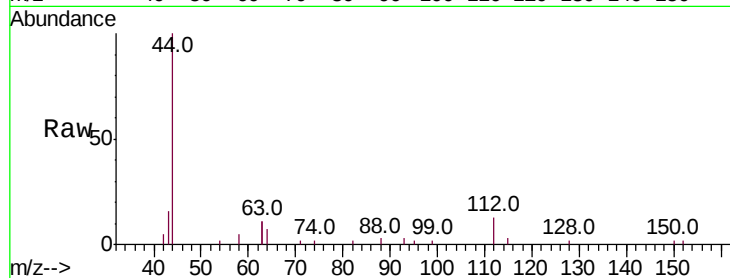
Tot Ion:112 Resp: 625

Ion Ratio Lower Upper

112 100

64 70.2 60.1 90.1

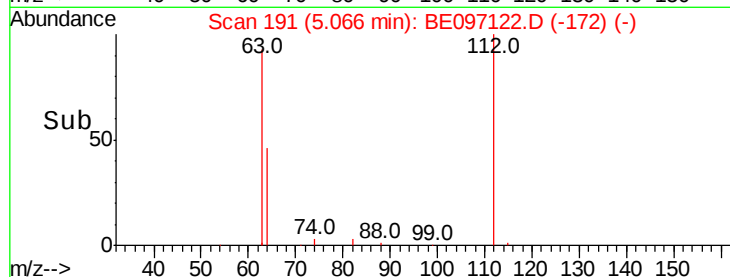
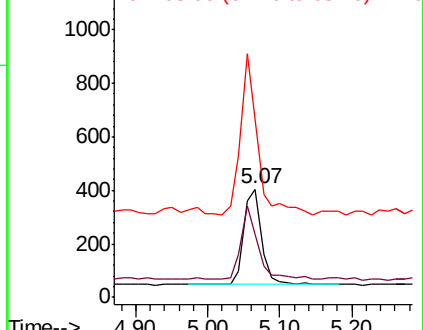
63 161.6 116.8 175.2



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: 0.082 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

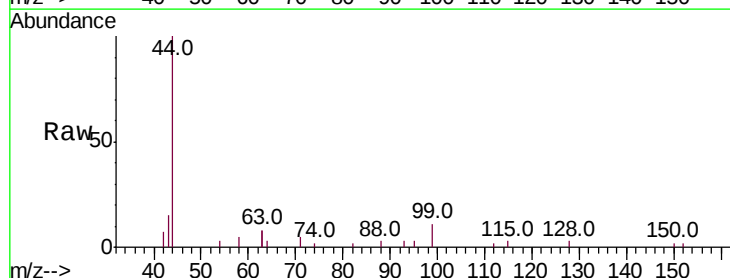
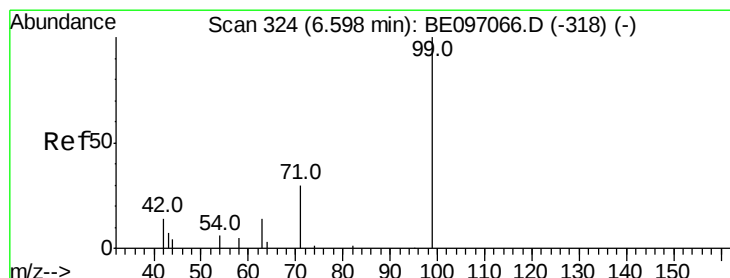
Tgt Ion: 99 Resp: 486

Ion Ratio Lower Upper

99 100

42 28.0 20.2 30.2

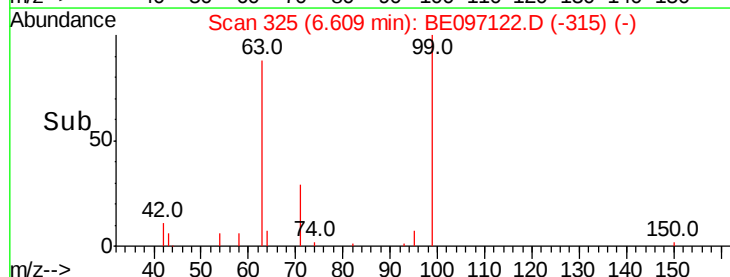
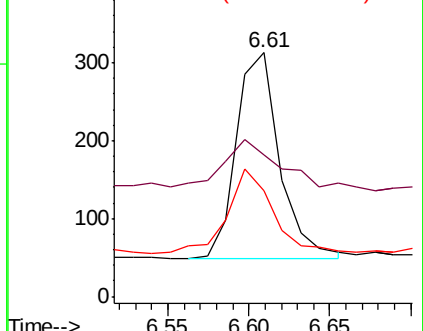
71 43.6 28.4 42.6#

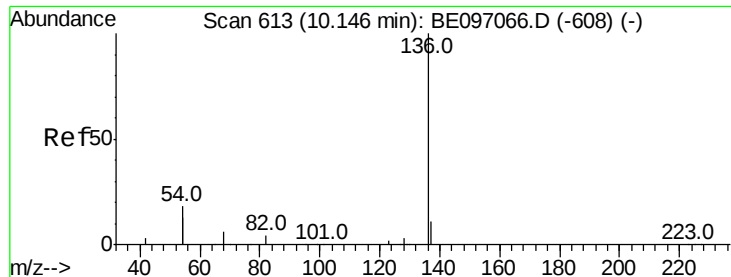


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

Instrument :

BNA_E

ClientSampleId :

LW-04-072618

Tot Ion:136 Resp: 6971

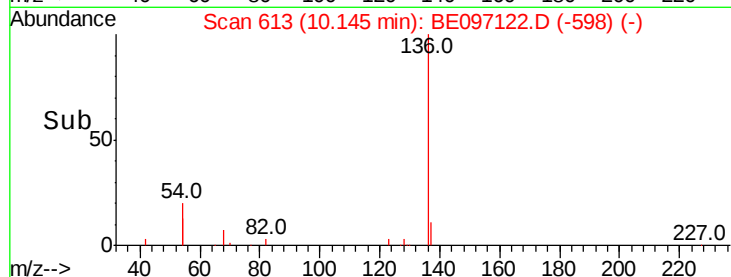
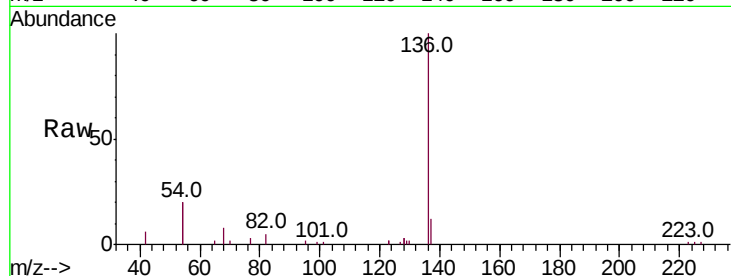
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 39.6 29.1 43.7

68 8.2 6.2 9.2

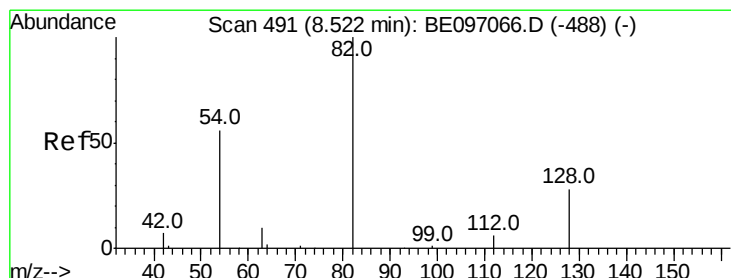
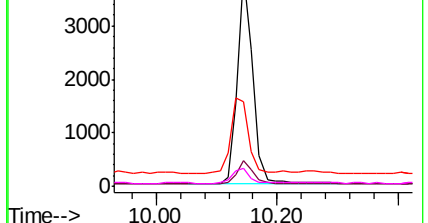


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.449 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

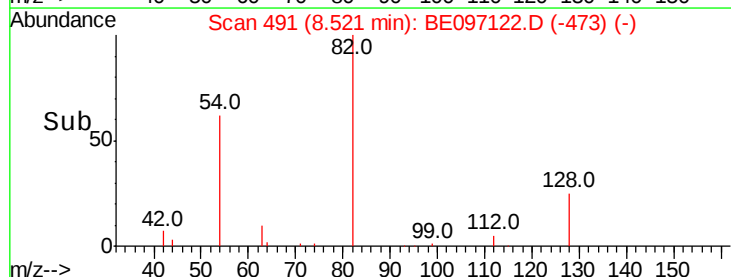
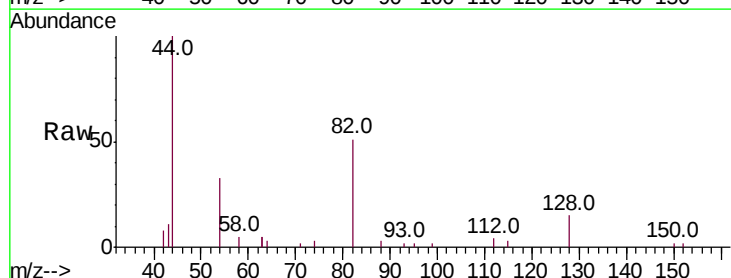
Tgt Ion: 82 Resp: 2718

Ion Ratio Lower Upper

82 100

128 29.0 24.0 36.0

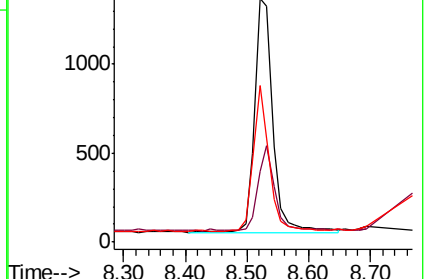
54 64.1 40.0 60.0#

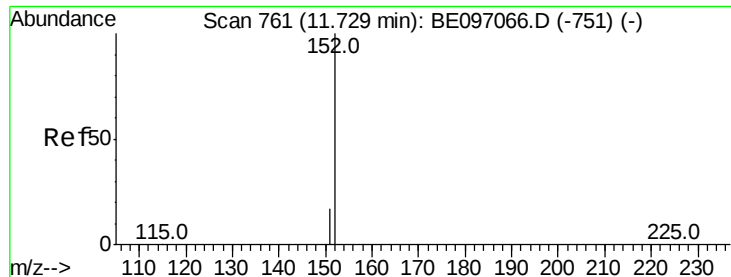


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

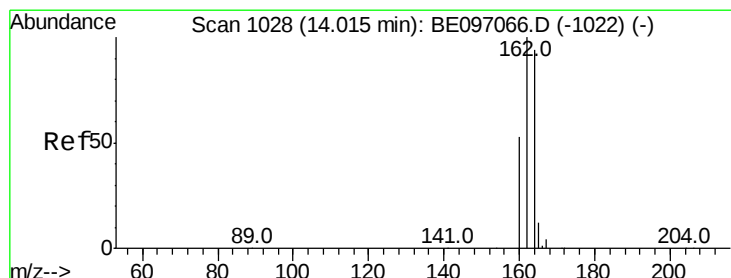
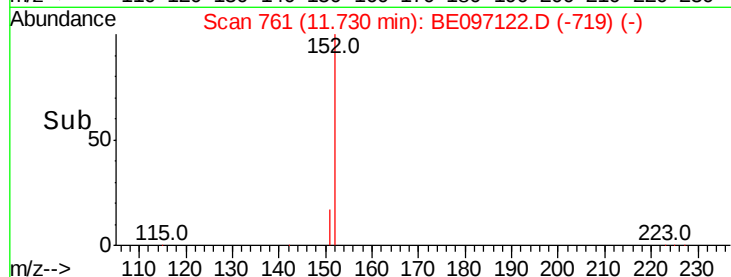
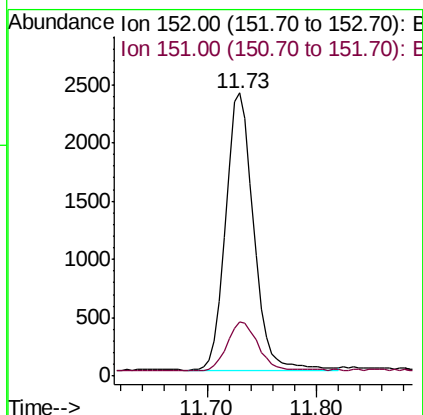
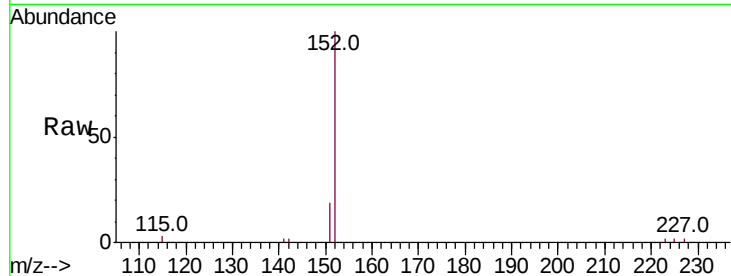




#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.01 min
Lab File: BE097122.D
Acq: 31 Jul 2018 14:52

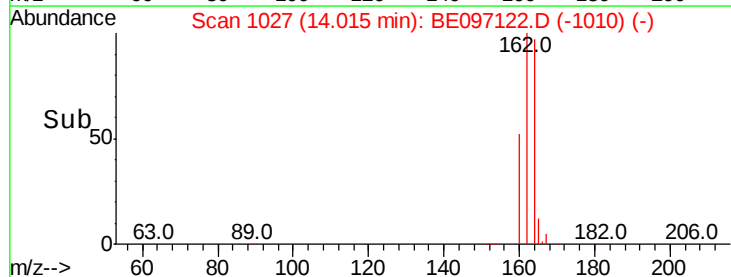
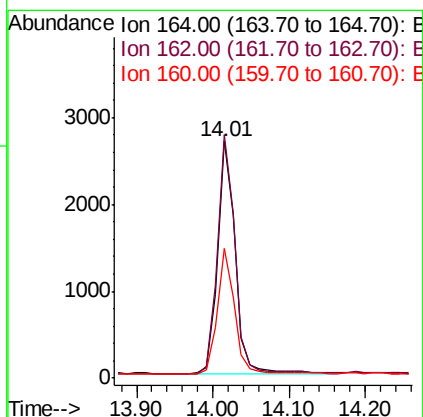
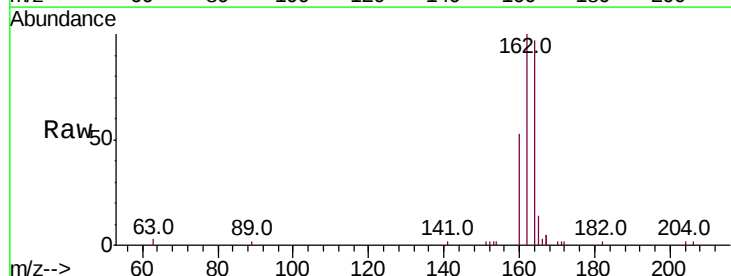
Instrument :
BNA_E
ClientSampleId :
LW-04-072618

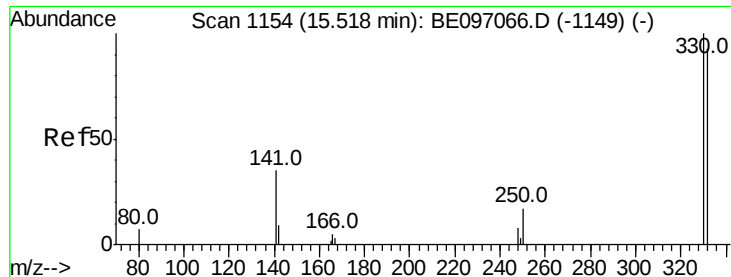
Tot Ion:152 Resp: 4163
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097122.D
Acq: 31 Jul 2018 14:52

Tgt Ion:164 Resp: 4286
Ion Ratio Lower Upper
164 100
162 102.9 83.1 124.7
160 54.5 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.427 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

Instrument :

BNA_E

ClientSampleId :

LW-04-072618

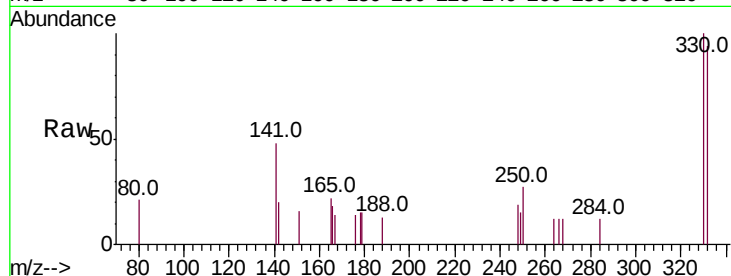
Tot Ion:330 Resp: 602

Ion Ratio Lower Upper

330 100

332 95.7 152.7 229.1#

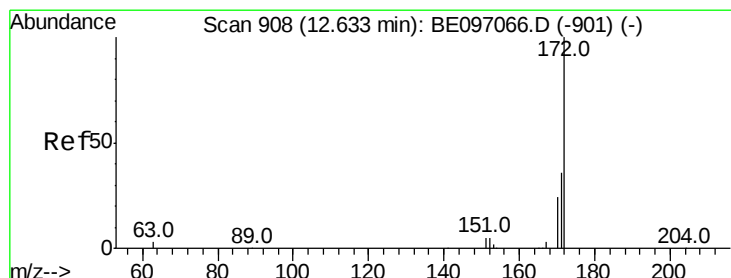
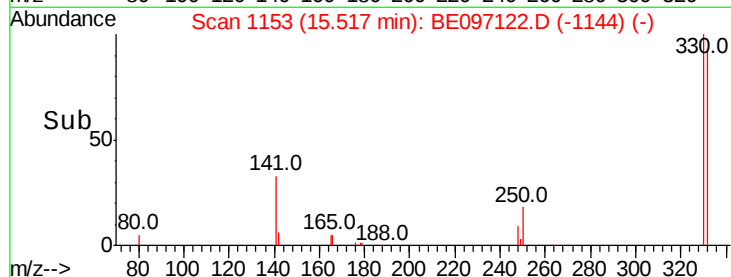
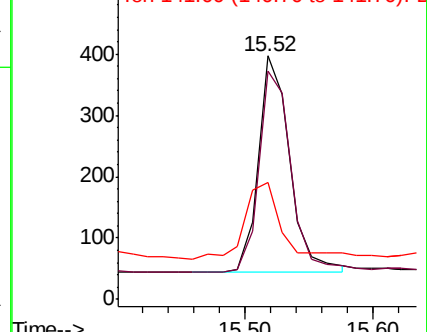
141 39.5 33.7 50.5



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: 0.471 ng

RT: 12.63 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

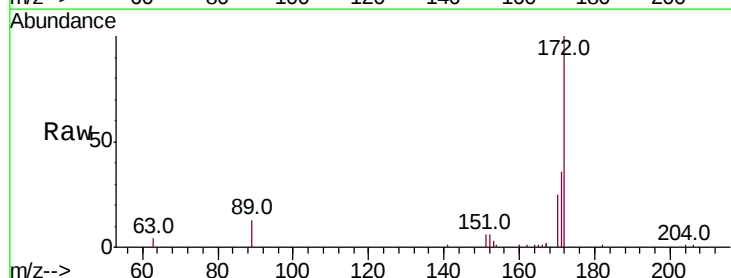
Tgt Ion:172 Resp: 6971

Ion Ratio Lower Upper

172 100

171 36.0 29.9 44.9

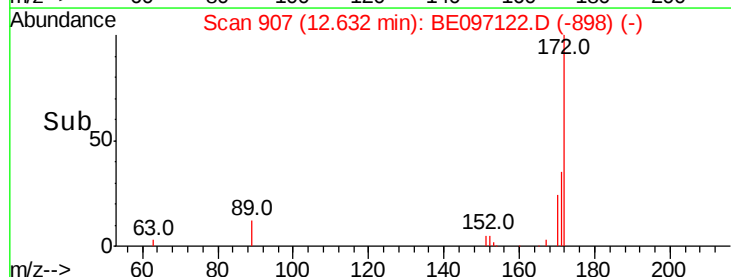
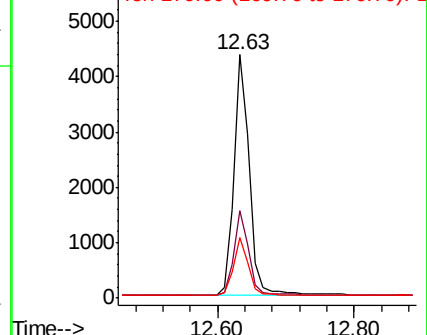
170 24.9 21.8 32.8

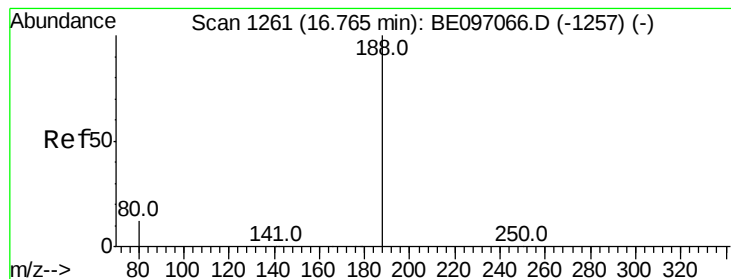


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

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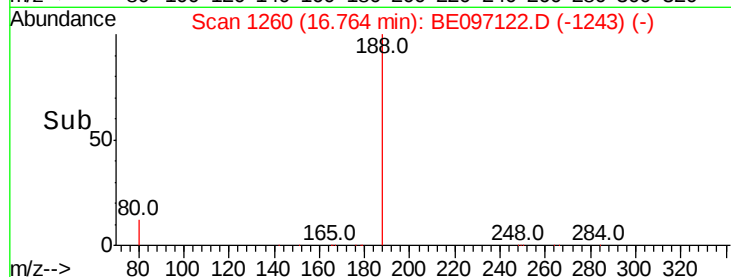
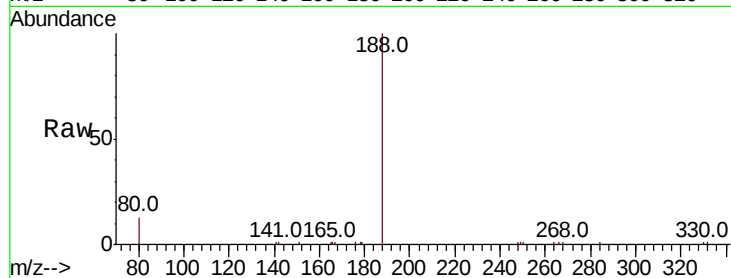
Tot Ion:188 Resp: 12621

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

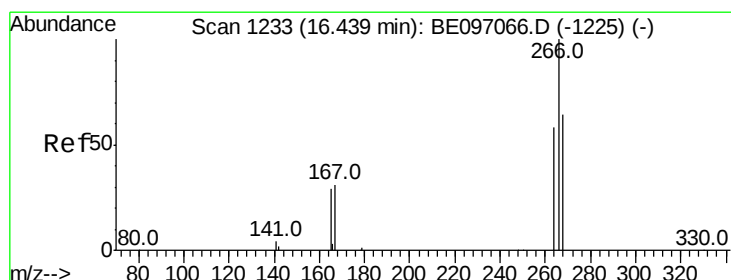
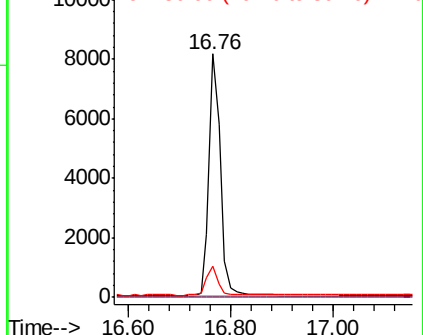
80 12.6 3.6 5.4#



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: 0.042 ng

RT: 16.44 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

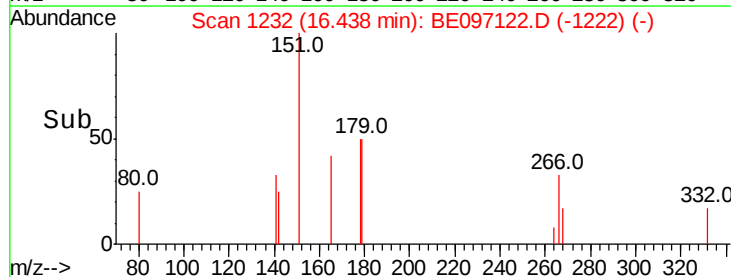
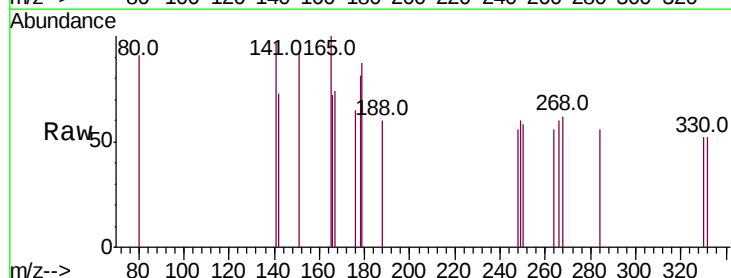
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 92.3 72.5 108.7

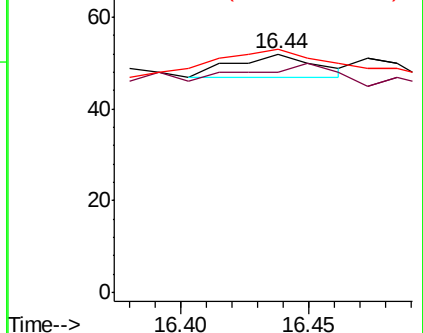
268 101.9 73.8 110.6

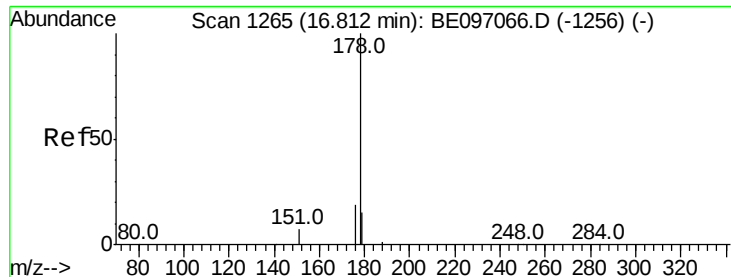


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.020 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

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LW-04-072618

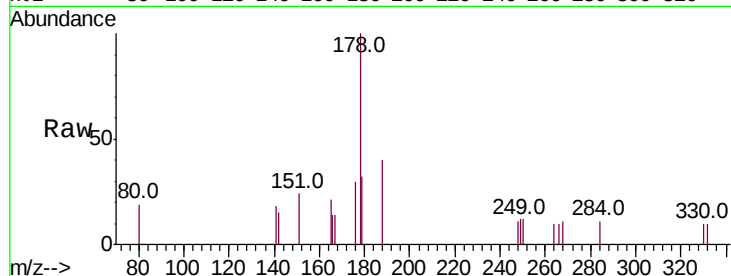
Tot Ion:178 Resp: 612

Ion Ratio Lower Upper

178 100

176 20.6 15.1 22.7

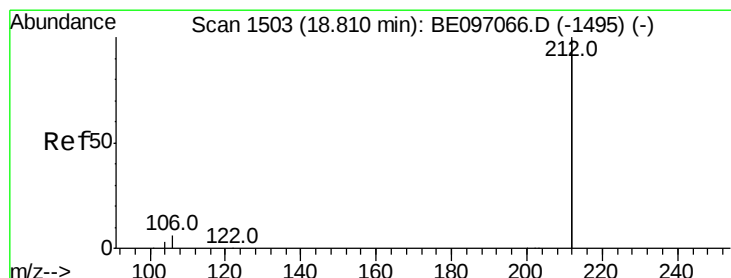
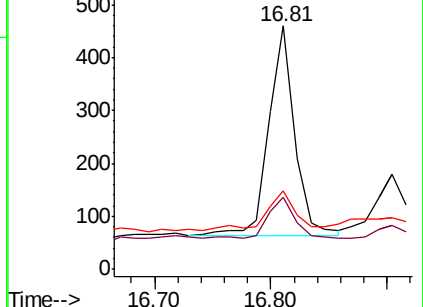
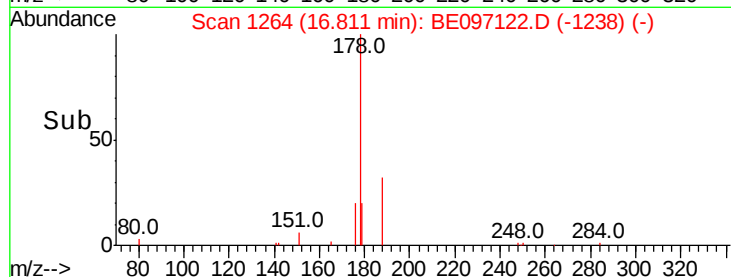
179 25.3 11.8 17.6#



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



#25

Fluoranthene-d10

Concen: 0.485 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

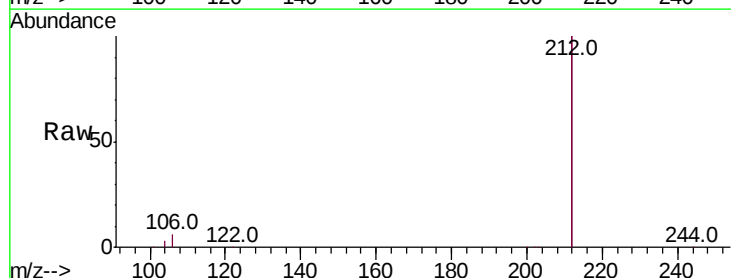
Tgt Ion:212 Resp: 61296

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

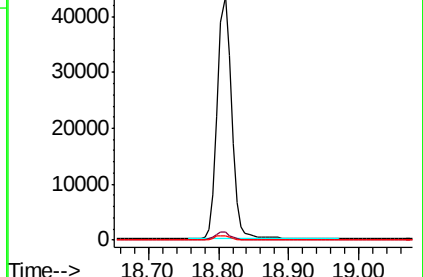
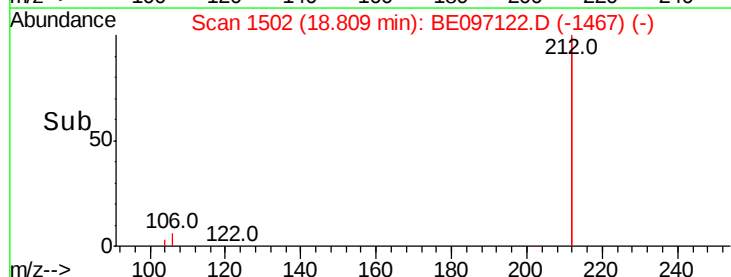
104 1.7 1.6 2.4

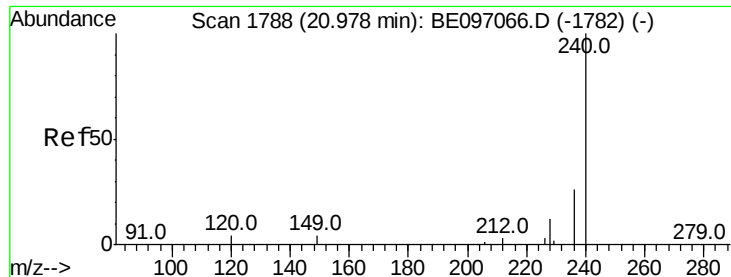


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

Instrument :

BNA_E

ClientSampleId :

LW-04-072618

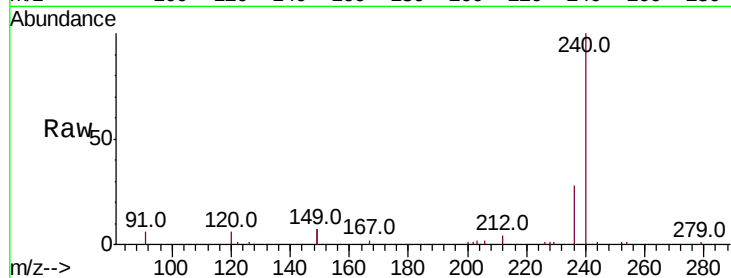
Tot Ion:240 Resp: 13170

Ion Ratio Lower Upper

240 100

120 5.7 5.5 8.3

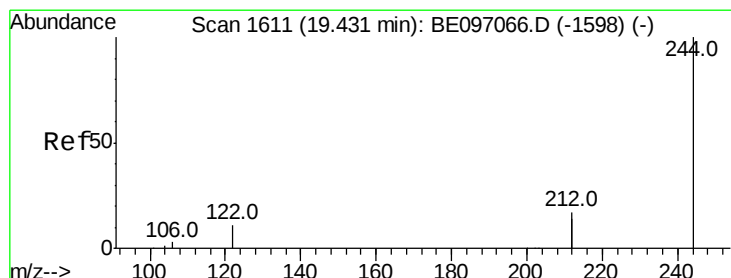
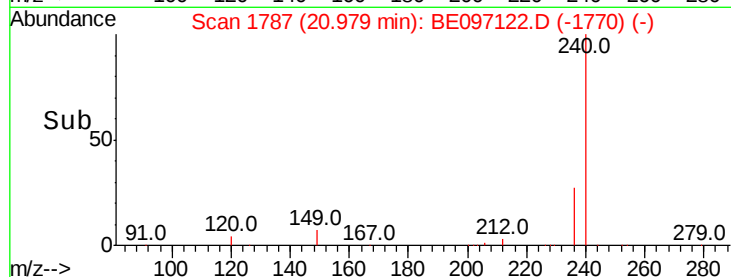
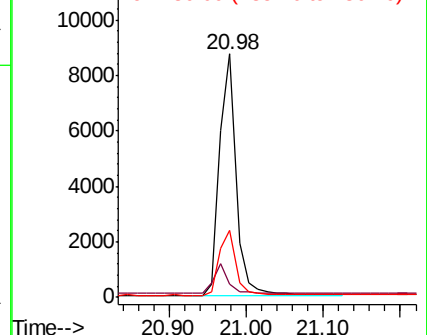
236 27.6 20.7 31.1



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: 0.610 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097122.D

Acq: 31 Jul 2018 14:52

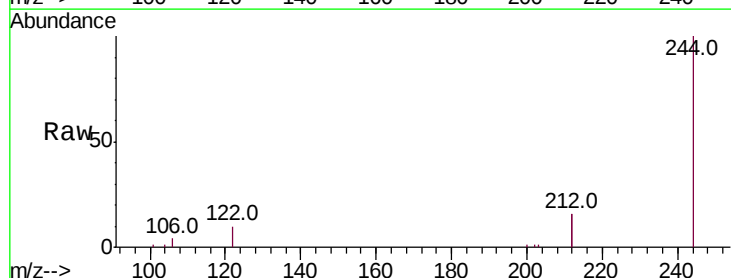
Tgt Ion:244 Resp: 15443

Ion Ratio Lower Upper

244 100

212 31.1 25.4 38.0

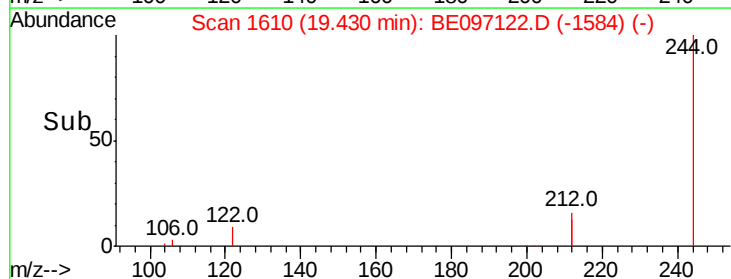
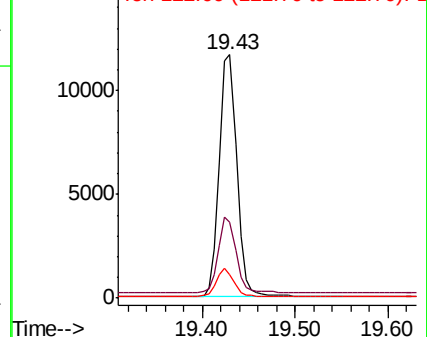
122 9.8 8.1 12.1

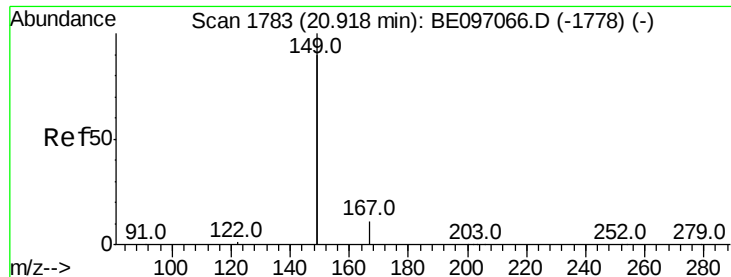


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

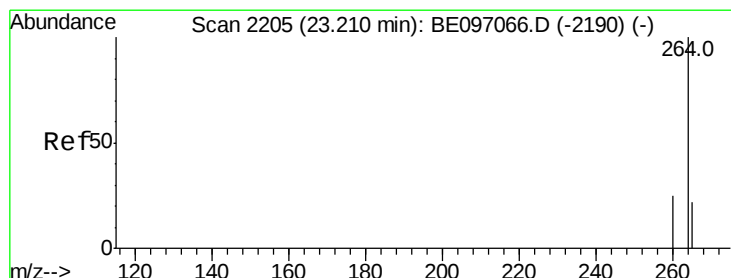
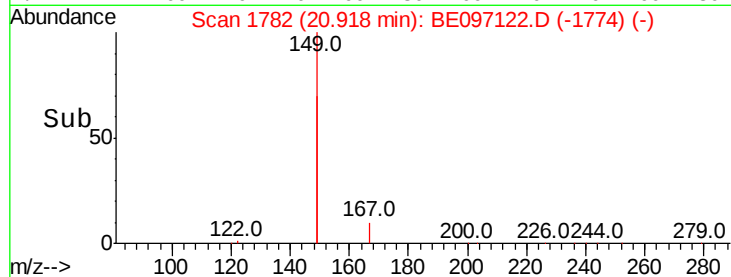
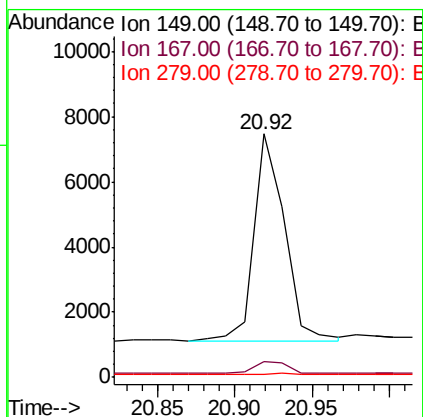
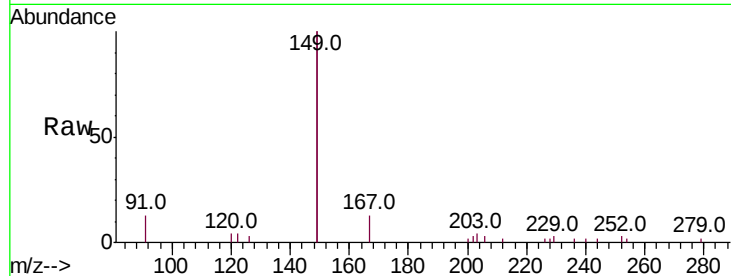




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.255 ng
 RT: 20.92 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BE097122.D
 Acq: 31 Jul 2018 14:52

Instrument :
 BNA_E
 ClientSampleId :
 LW-04-072618

Tot Ion:149 Resp: 8756
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 1.0 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE097122.D
 Acq: 31 Jul 2018 14:52

Tgt Ion:264 Resp: 12838
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.5 30.7
 265 30.6 22.8 34.2

