

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097631.D
 Acq On : 22 Sep 2018 3:47
 Operator : SJ/JU
 Sample : J4980-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW01-20180916

Quant Time: Sep 22 05:04:12 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	670	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3158	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2142	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	7115	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8992	0.40	ng	0.00
34) Perylene-d12	23.21	264	8600	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	263	0.13	ng	0.01
5) Phenol-d6	0.00	99	0	0.00	ng	
8) Nitrobenzene-d5	8.59	82	569	0.23	ng	0.06
11) 2-Methylnaphthalene-d10	11.75	152	1715	0.39	ng	0.03
14) 2,4,6-Tribromophenol	15.53	330	334	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	3073	0.41	ng	0.02
25) Fluoranthene-d10	18.80	212	32799	0.36	ng	0.00
29) Terphenyl-d14	19.41	244	9009	0.55	ng	0.00

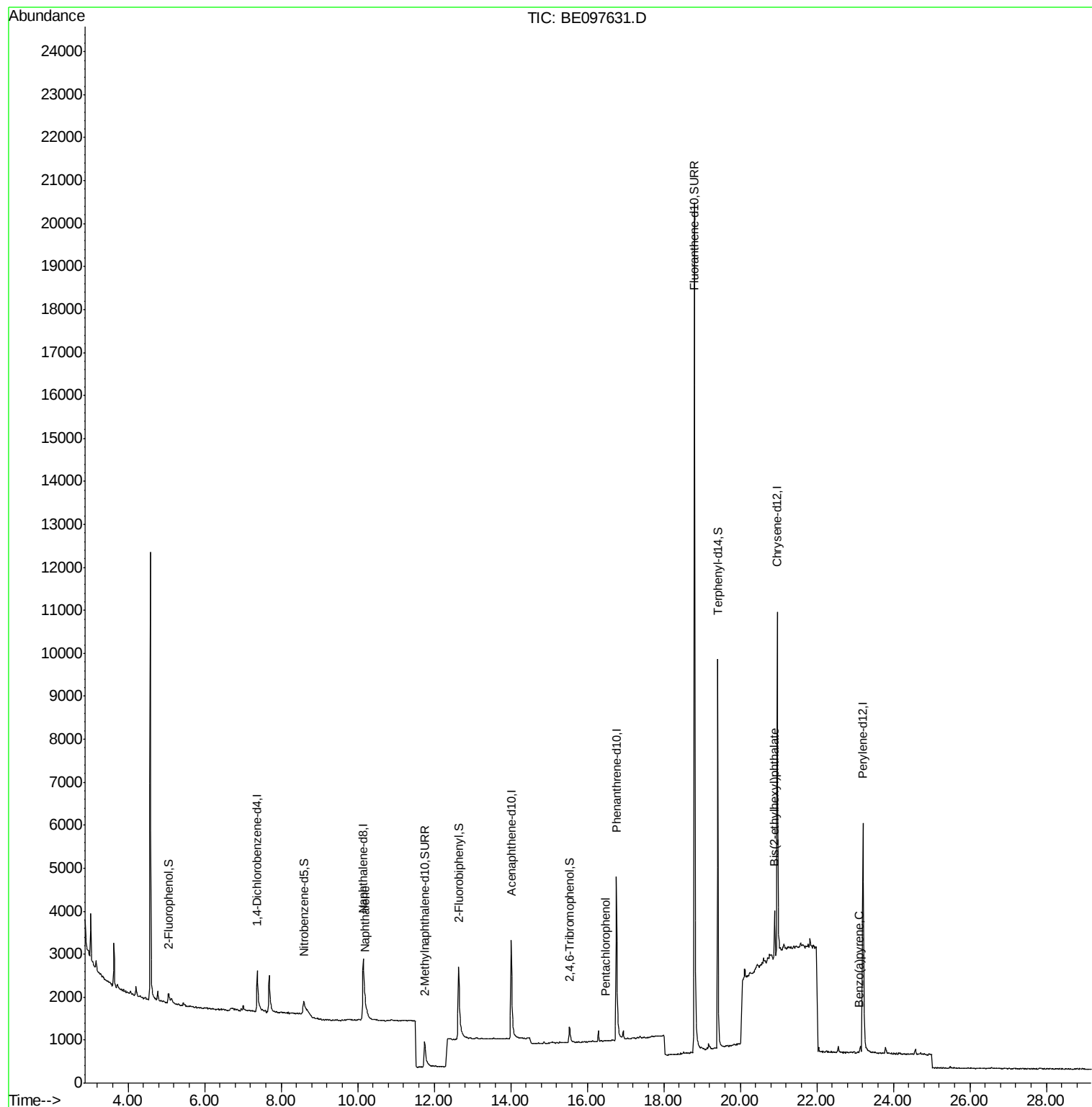
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.20	128	600	0.021	ng	# 65
22) Pentachlorophenol	16.47	266	9	0.135	ng	# 96
32) Bis(2-ethylhexyl)phthalate	20.89	149	1444	0.048	ng	# 98
37) Benzo(a)pyrene	23.11	252	7	0.021	ng	# 1

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

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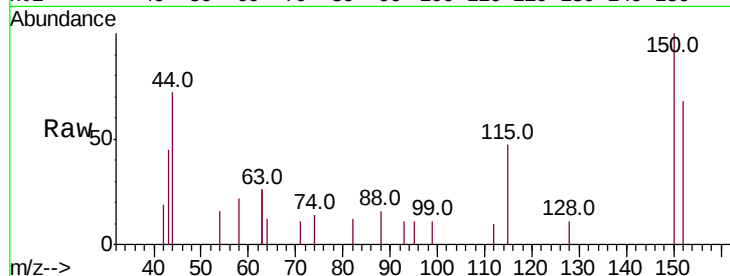


#1

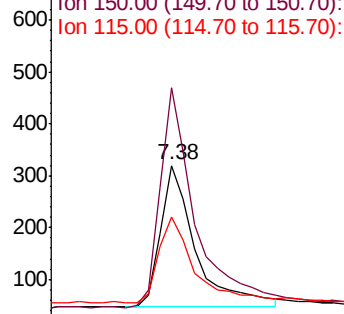
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097631.D
Acq: 22 Sep 2018 3:47

Instrument :
BNA_E
ClientSampleId :
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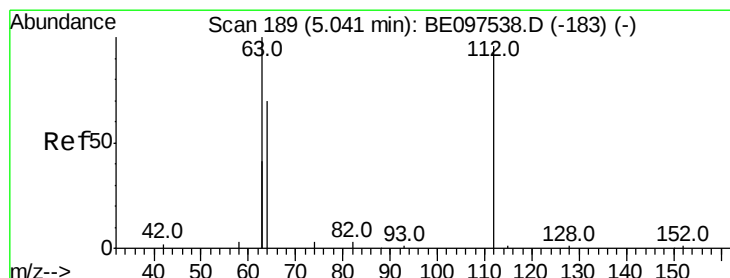
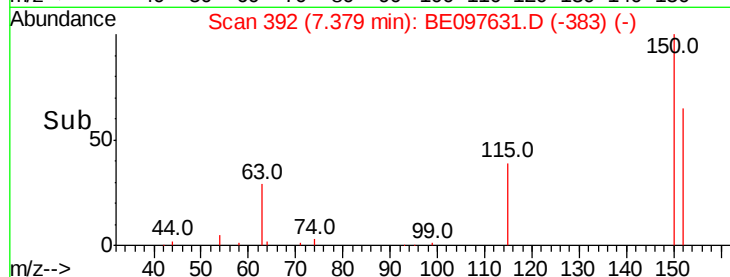
Tot Ion:152 Resp: 670
Ion Ratio Lower Upper
152 100
150 146.6 117.2 175.8
115 68.8 57.0 85.6



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



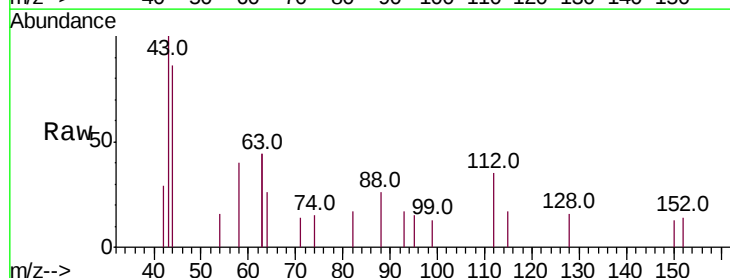
Time-->



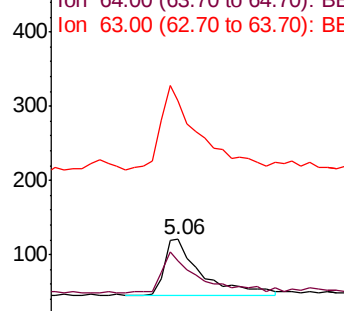
#4

2-Fluorophenol
Concen: 0.131 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097631.D
Acq: 22 Sep 2018 3:47

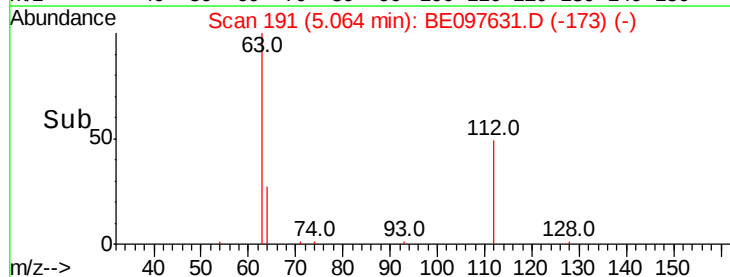
Tgt Ion:112 Resp: 263
Ion Ratio Lower Upper
112 100
64 73.4 60.1 90.1
63 152.5 116.8 175.2

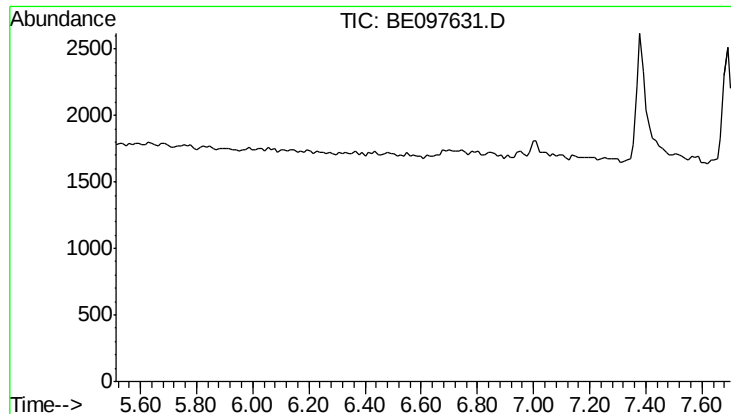


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.61 min

Lab File: BE097631.D

Acq: 22 Sep 2018 3:47

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW01-20180916

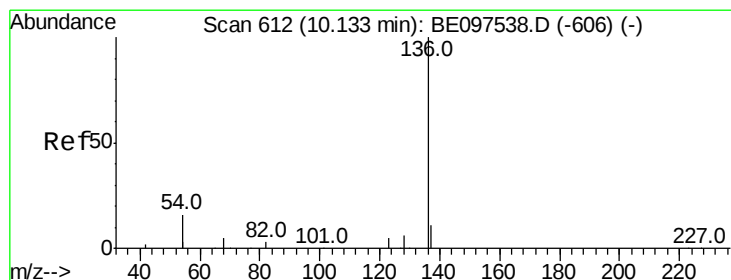
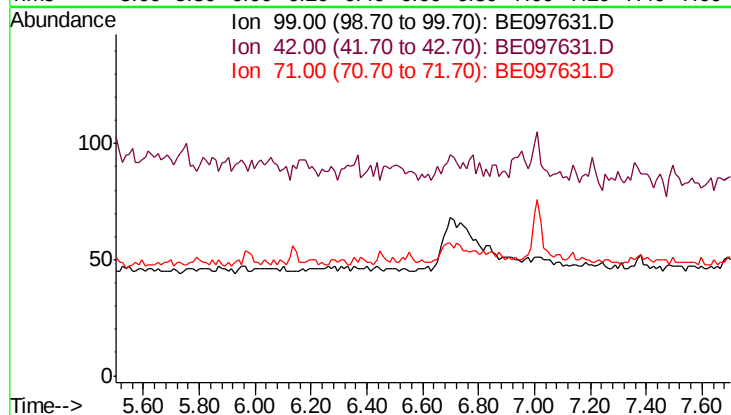
Tot Ion: 99

Sig Exp Ratio

99 100

42 25.2

71 35.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097631.D

Acq: 22 Sep 2018 3:47

Tgt Ion:136 Resp: 3158

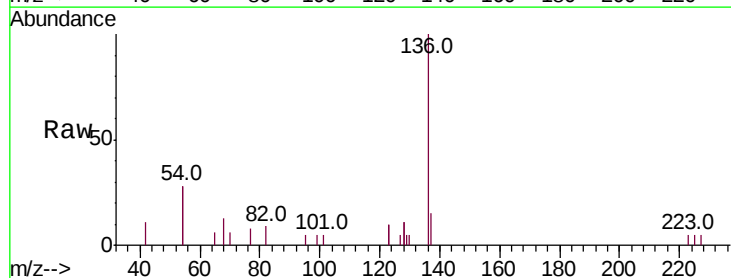
Ion Ratio Lower Upper

136 100

137 15.1 9.5 14.3#

54 56.1 29.1 43.7#

68 13.1 6.2 9.2#

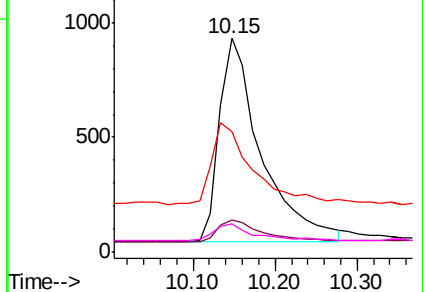
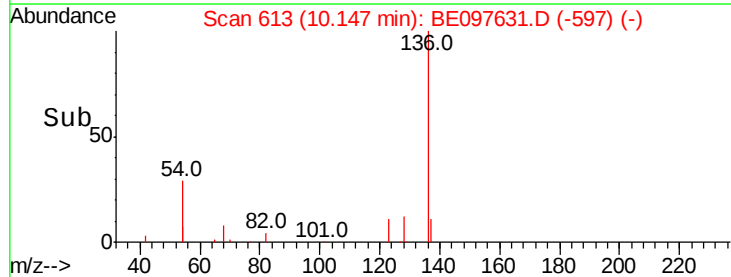


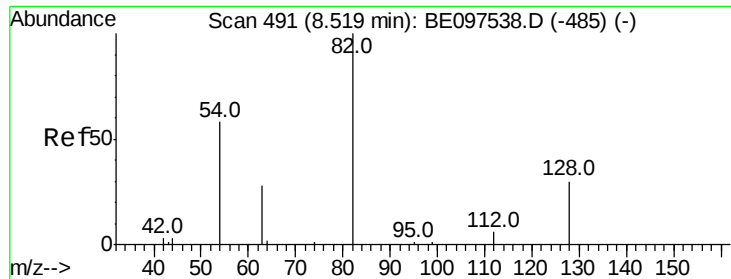
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.233 ng

RT: 8.59 min Scan# 497

Delta R.T. 0.06 min

Lab File: BE097631.D

Acq: 22 Sep 2018 3:47

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW01-20180916

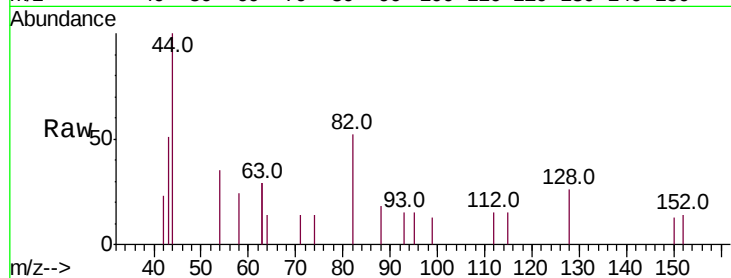
Tot Ion: 82 Resp: 569

Ion Ratio Lower Upper

82 100

128 50.3 24.0 36.0#

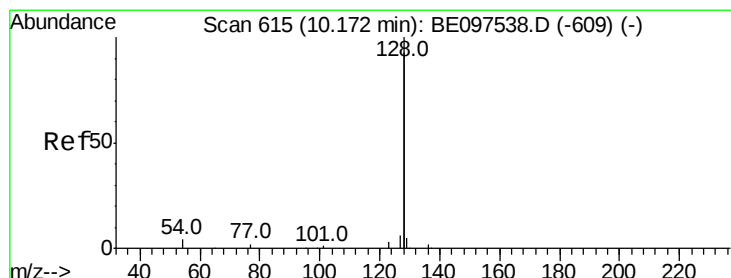
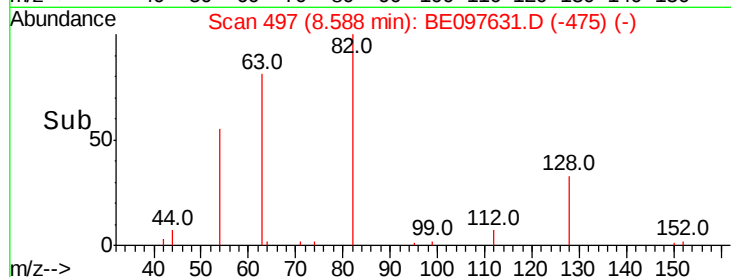
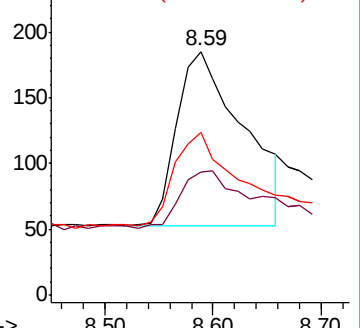
54 67.0 40.0 60.0#



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



#9

Naphthalene

Concen: 0.021 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.03 min

Lab File: BE097631.D

Acq: 22 Sep 2018 3:47

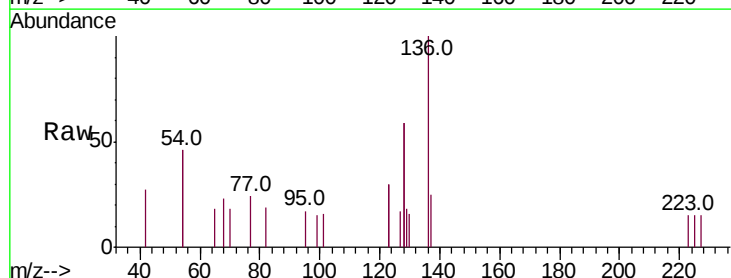
Tgt Ion:128 Resp: 600

Ion Ratio Lower Upper

128 100

129 15.0 2.6 3.8#

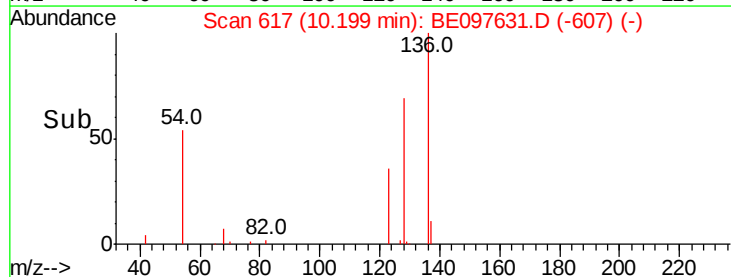
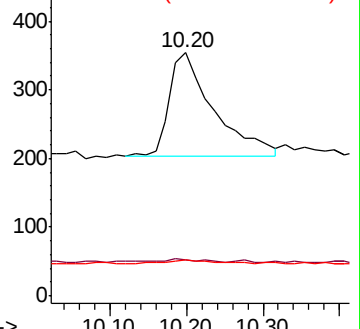
127 14.7 2.8 4.2#

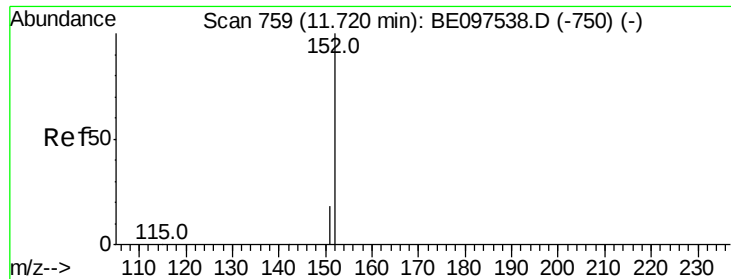


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

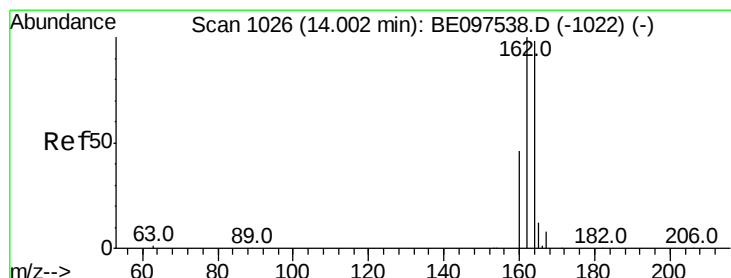
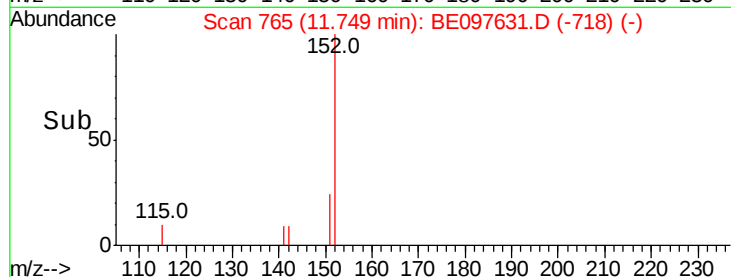
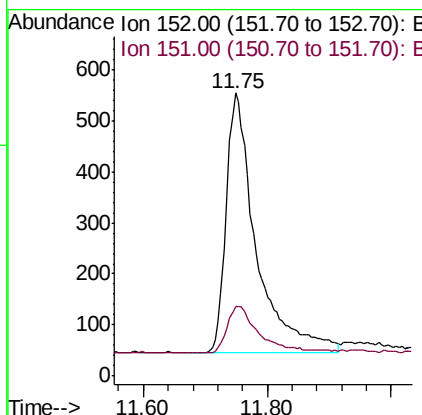
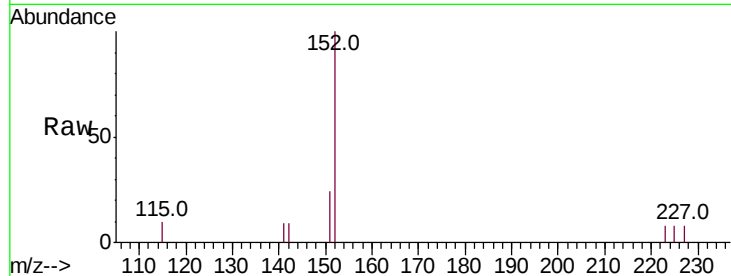




#11
 2-Methylnaphthalene-d10
 Concen: 0.394 ng
 RT: 11.75 min Scan# 765
 Delta R.T. 0.03 min
 Lab File: BE097631.D
 Acq: 22 Sep 2018 3:47

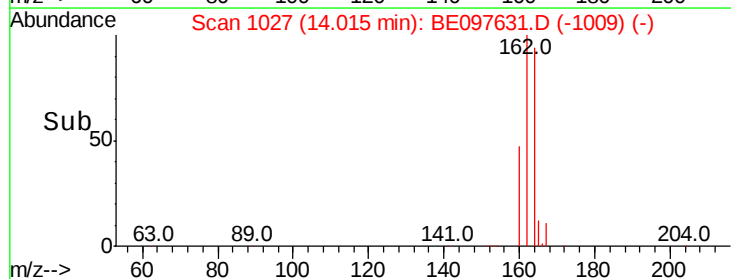
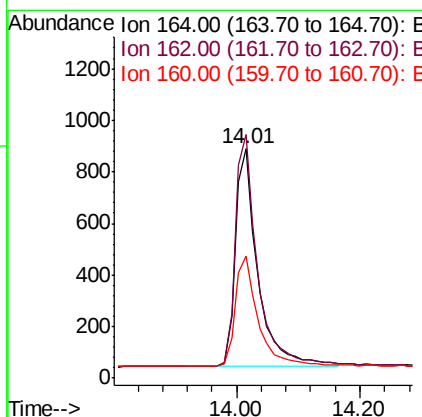
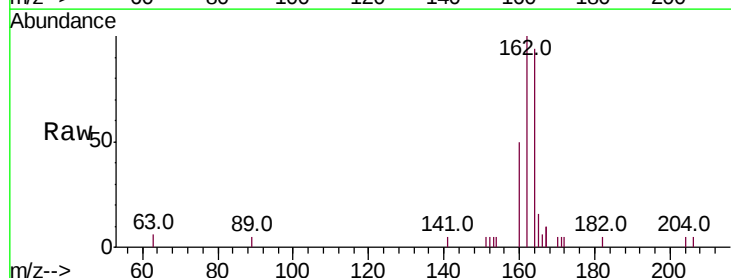
Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW01-20180916

Tot Ion:152 Resp: 1715
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE097631.D
 Acq: 22 Sep 2018 3:47

Tgt Ion:164 Resp: 2142
 Ion Ratio Lower Upper
 164 100
 162 106.1 83.1 124.7
 160 53.0 37.1 55.7

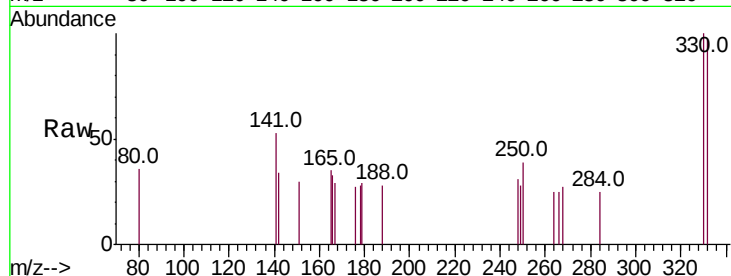




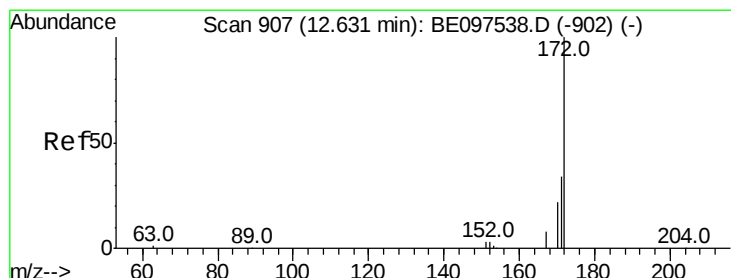
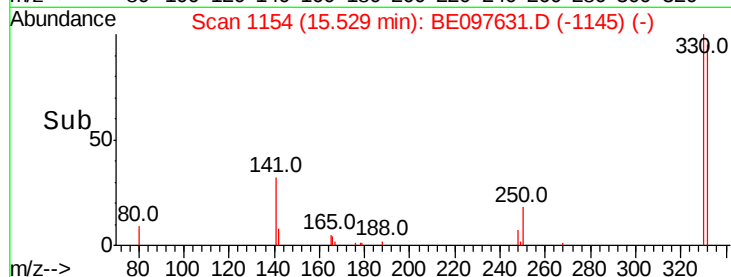
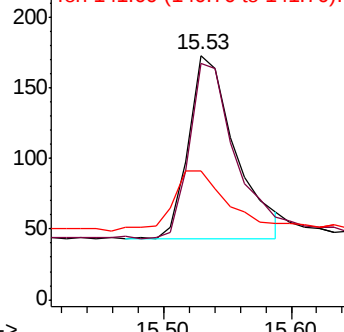
#14
 2,4,6-Tribromophenol
 Concen: 0.413 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE097631.D
 Acq: 22 Sep 2018 3:47

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW01-20180916

Tot Ion:330 Resp: 334
 Ion Ratio Lower Upper
 330 100
 332 94.3 152.7 229.1#
 141 37.1 33.7 50.5

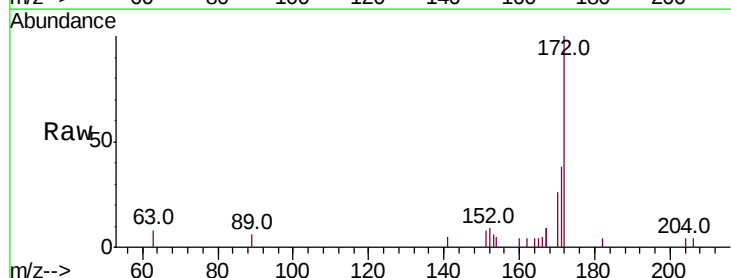


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

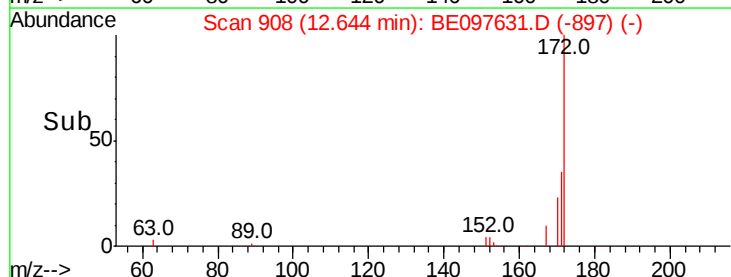
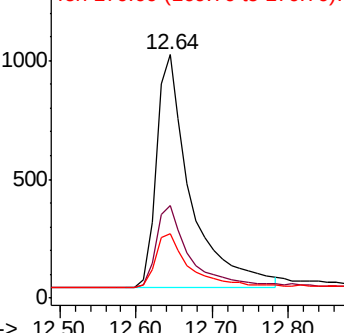


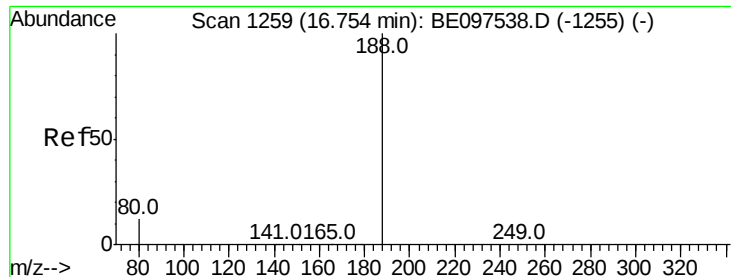
#15
 2-Fluorobiphenyl
 Concen: 0.406 ng
 RT: 12.64 min Scan# 908
 Delta R.T. 0.02 min
 Lab File: BE097631.D
 Acq: 22 Sep 2018 3:47

Tgt Ion:172 Resp: 3073
 Ion Ratio Lower Upper
 172 100
 171 37.9 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: 16.76 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097631.D

Acq: 22 Sep 2018 3:47

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW01-20180916

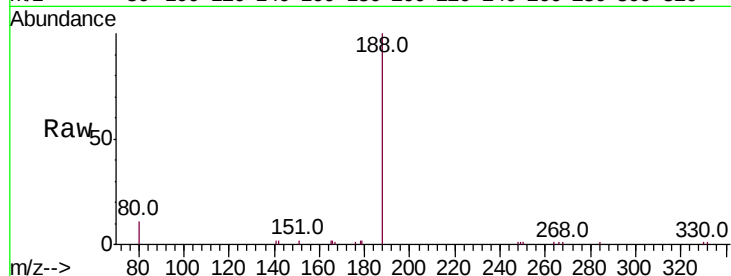
Tot Ion:188 Resp: 7115

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

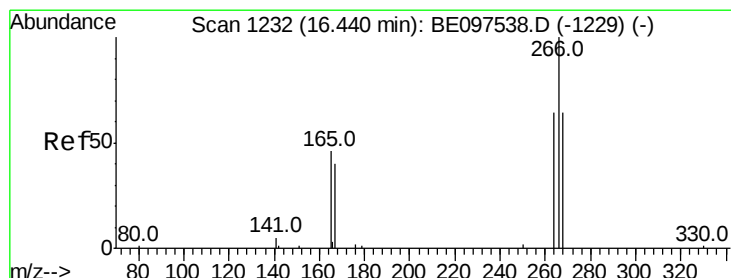
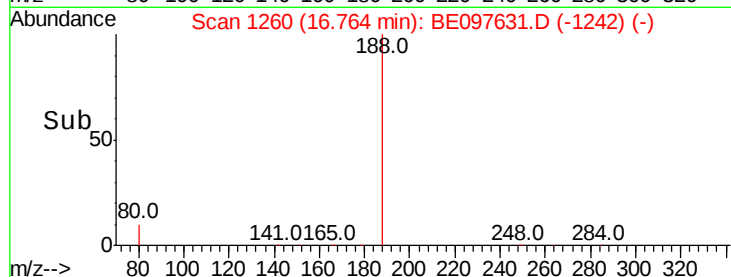
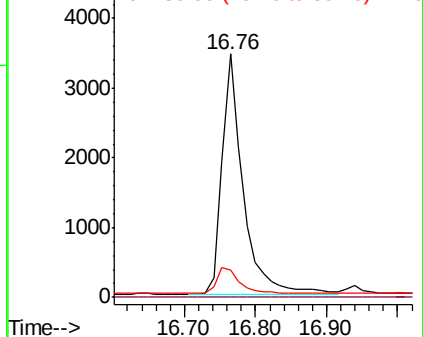
80 11.4 3.6 5.4#



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: 0.135 ng

RT: 16.47 min Scan# 1235

Delta R.T. 0.03 min

Lab File: BE097631.D

Acq: 22 Sep 2018 3:47

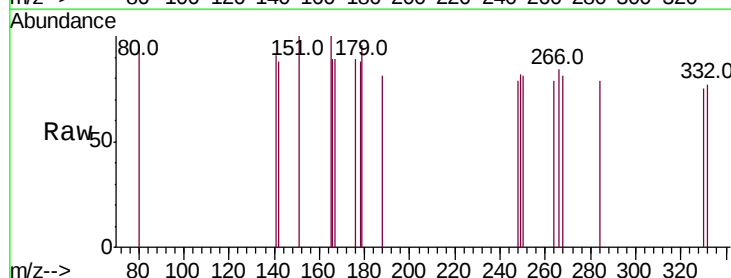
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 93.8 72.5 108.7

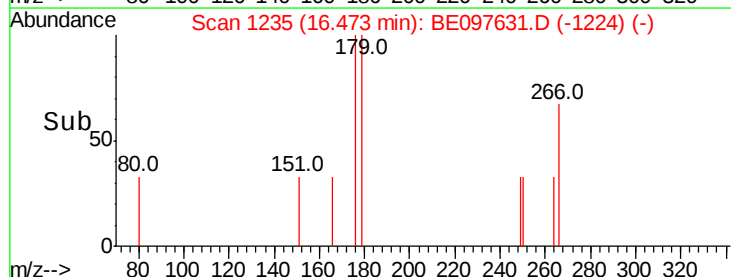
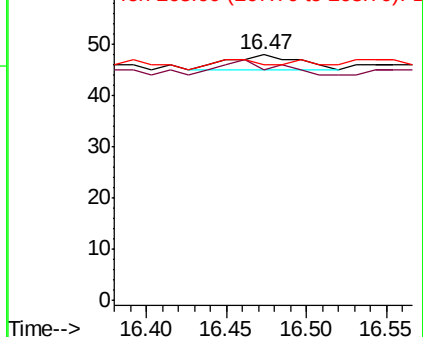
268 95.8 73.8 110.6

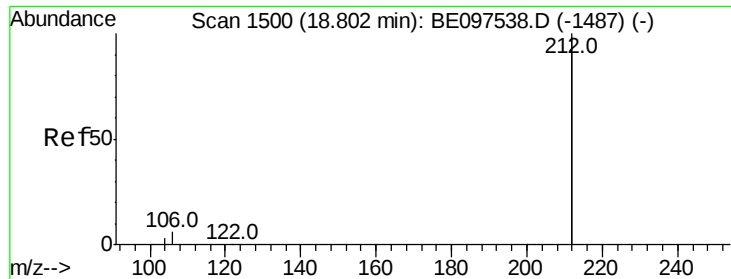


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097631.D

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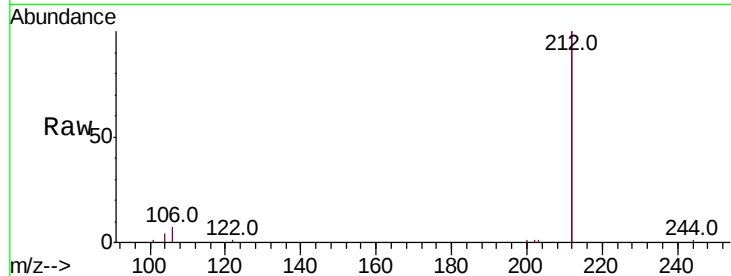
Tot Ion:212 Resp: 32799

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

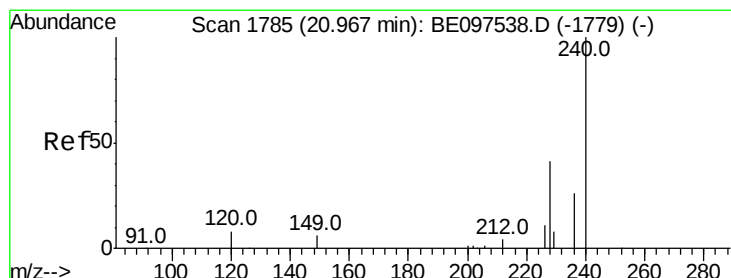
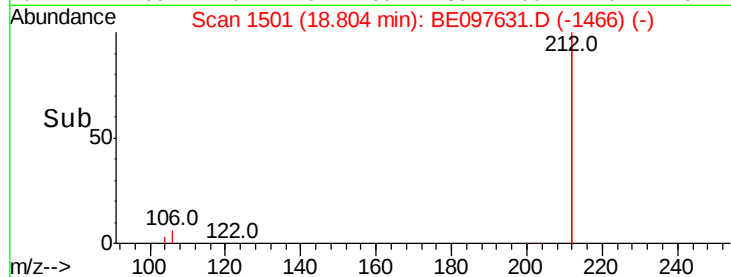
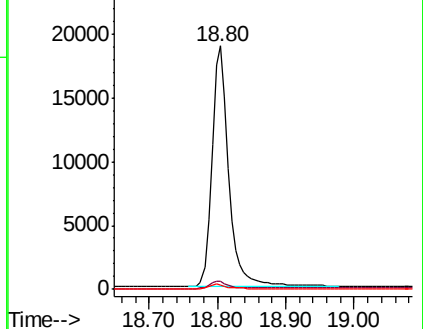
104 1.8 1.6 2.4



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: BE097631.D

Acq: 22 Sep 2018 3:47

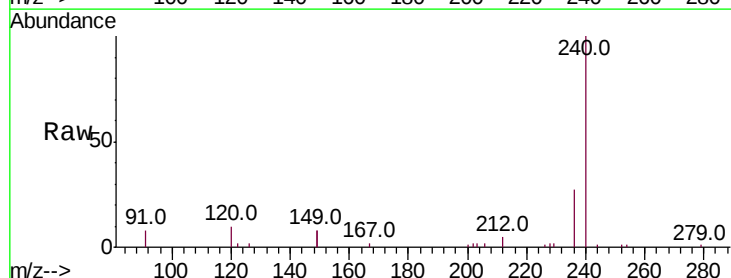
Tgt Ion:240 Resp: 8992

Ion Ratio Lower Upper

240 100

120 10.1 5.5 8.3#

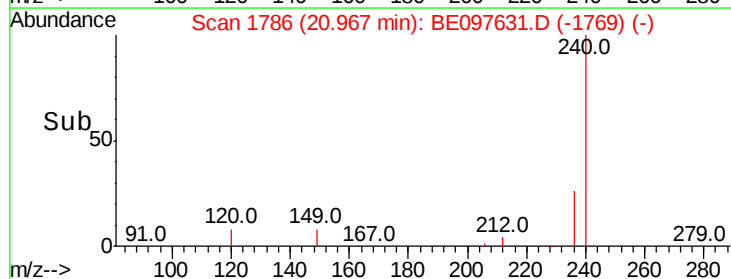
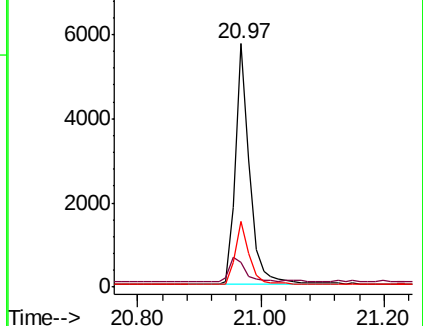
236 27.1 20.7 31.1

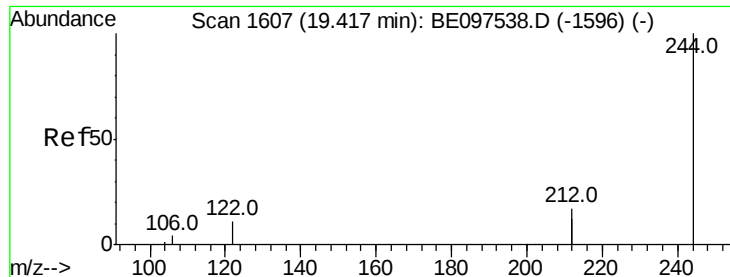


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.547 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097631.D

Acq: 22 Sep 2018 3:47

Instrument :

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BP-FW-MW01-20180916

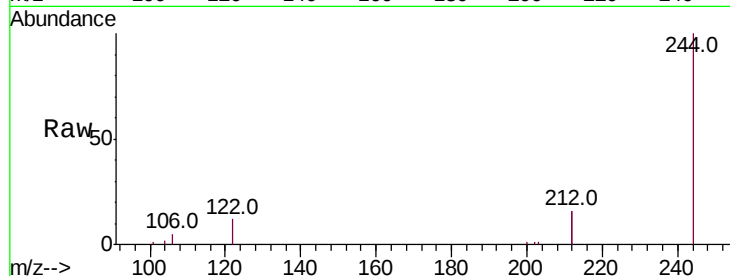
Tot Ion:244 Resp: 9009

Ion Ratio Lower Upper

244 100

212 31.9 25.4 38.0

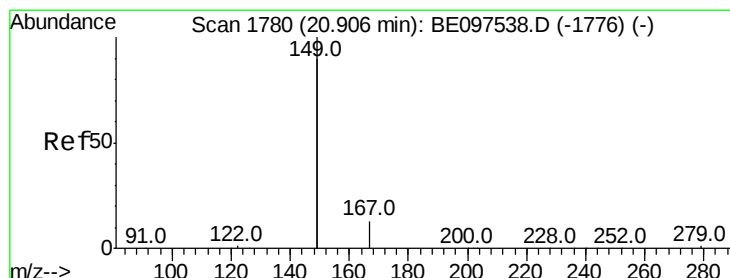
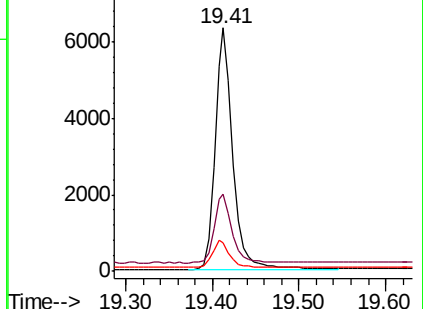
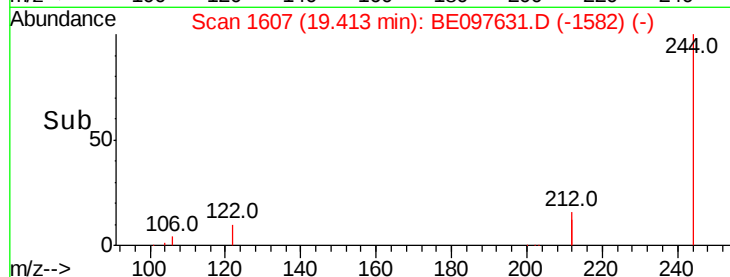
122 11.6 8.1 12.1



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: 0.048 ng

RT: 20.89 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE097631.D

Acq: 22 Sep 2018 3:47

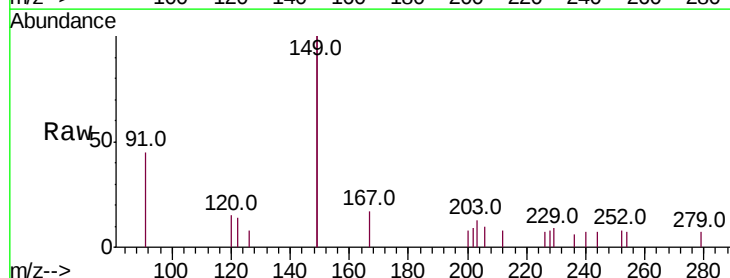
Tgt Ion:149 Resp: 1444

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

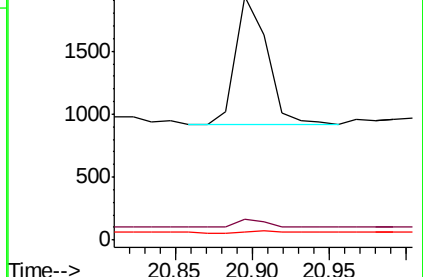
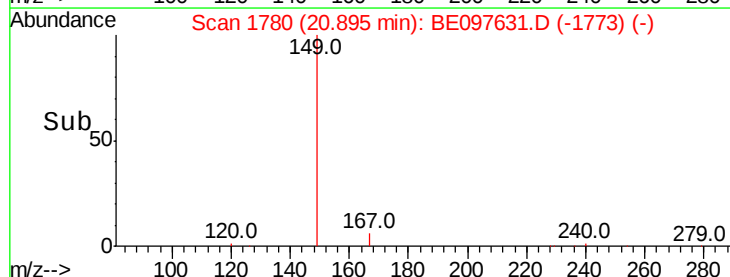
279 2.1 0.7 1.1#

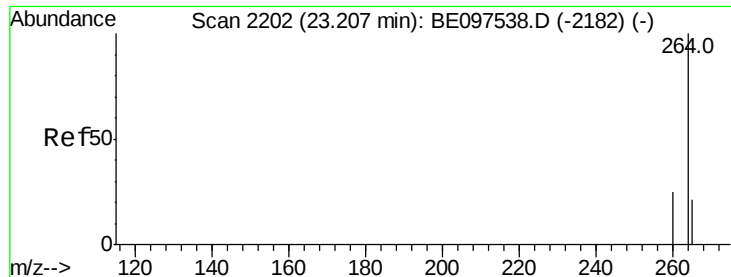


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

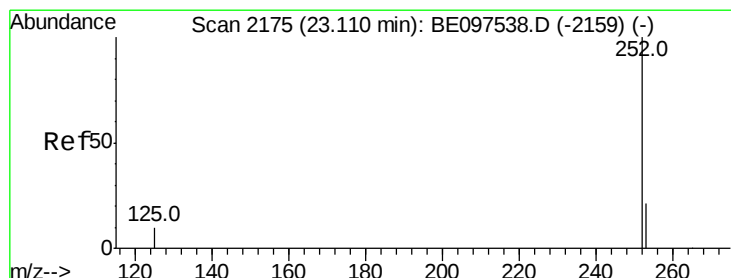
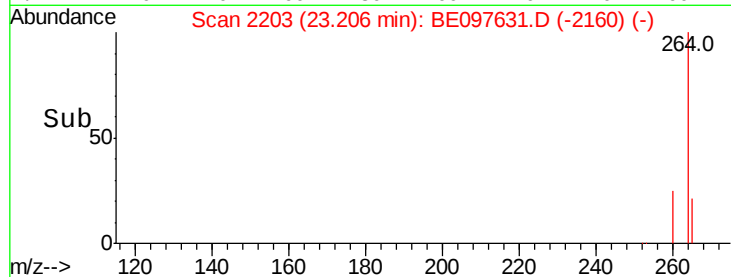
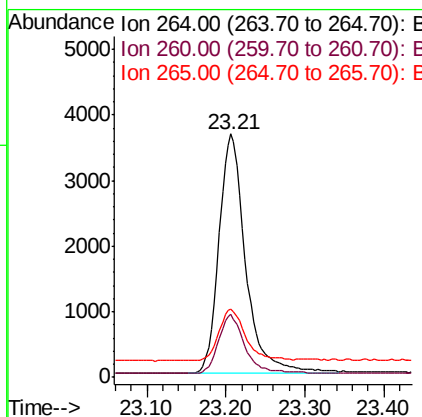
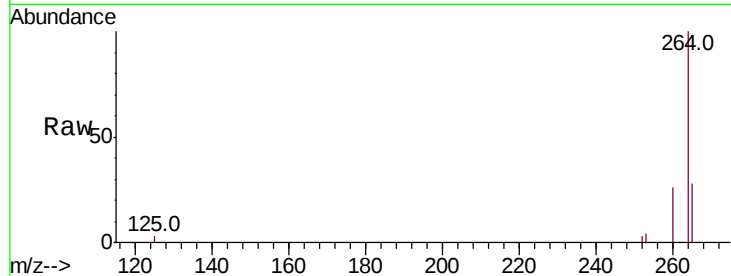




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097631.D
Acq: 22 Sep 2018 3:47

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW01-20180916

Tot Ion:264 Resp: 8600
Ion Ratio Lower Upper
264 100
260 25.9 20.5 30.7
265 27.9 22.8 34.2



#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097631.D
Acq: 22 Sep 2018 3:47

Tgt Ion:252 Resp: 7
Ion Ratio Lower Upper
252 100
253 134.8 16.0 24.0#
125 130.4 12.0 18.0#

