

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097597.D
 Acq On : 21 Sep 2018 6:12
 Operator : SJ/JU
 Sample : J4969-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW10I-20180917

Quant Time: Sep 21 07:39:11 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

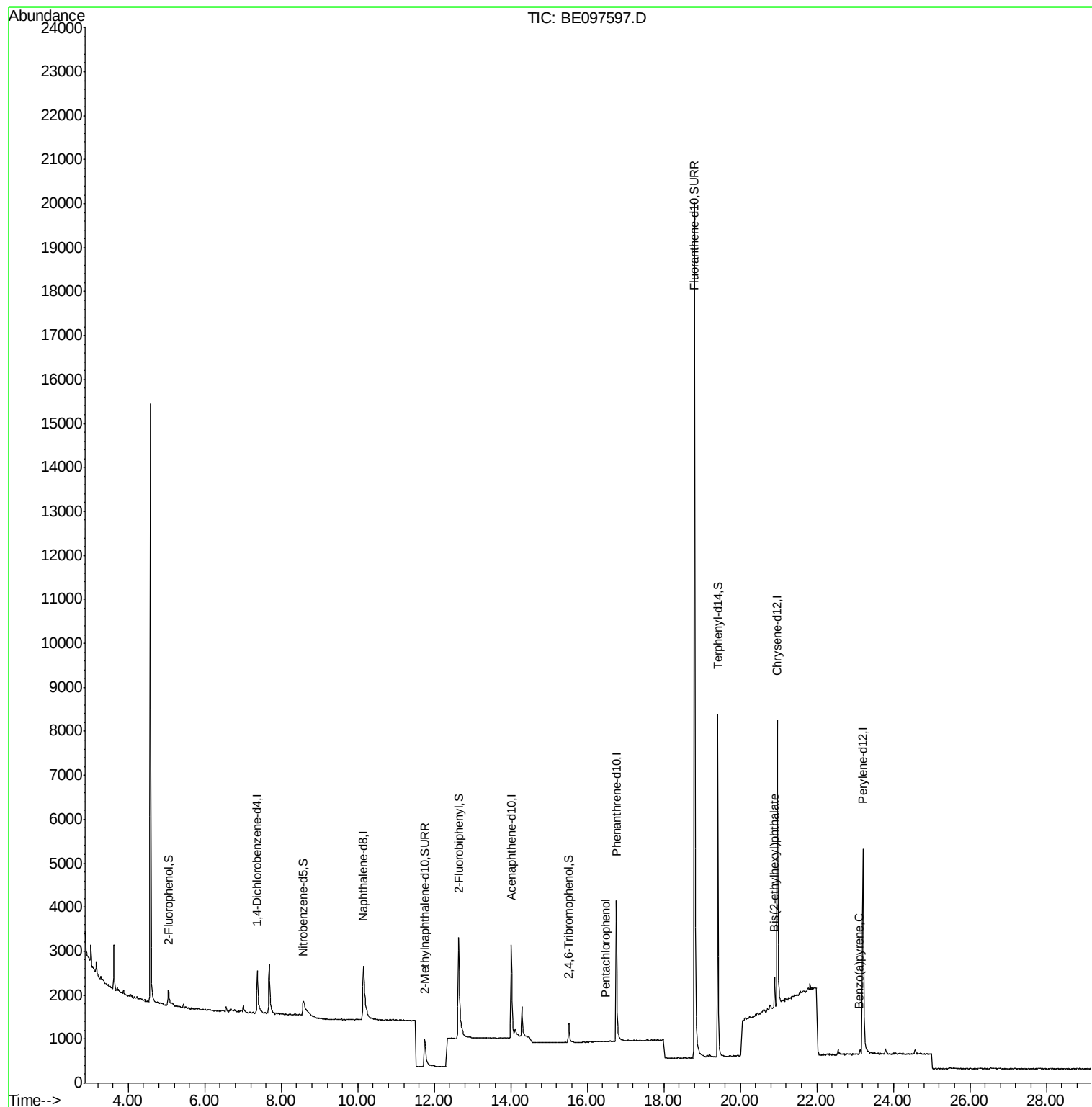
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	697	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2944	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1933	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6076	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7897	0.40	ng	0.00
34) Perylene-d12	23.20	264	7819	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	330	0.16	ng	0.00
5) Phenol-d6	6.59	99	2	0.00	ng	-0.01
8) Nitrobenzene-d5	8.58	82	710	0.31	ng	0.04
11) 2-Methylnaphthalene-d10	11.75	152	1861	0.46	ng	0.03
14) 2,4,6-Tribromophenol	15.52	330	357	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	4004	0.59	ng	0.02
25) Fluoranthene-d10	18.80	212	34284	0.44	ng	0.00
29) Terphenyl-d14	19.41	244	7933	0.55	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.47	266	3	0.132	ng	Qvalue 92
32) Bis(2-ethylhexyl)phthalate	20.89	149	1031	0.041	ng	# 98
37) Benzo(a)pyrene	23.09	252	6	0.021	ng	# 1

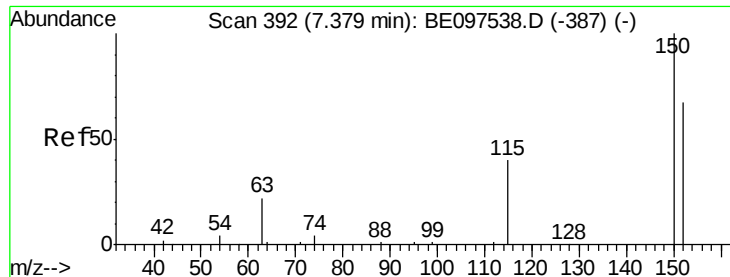
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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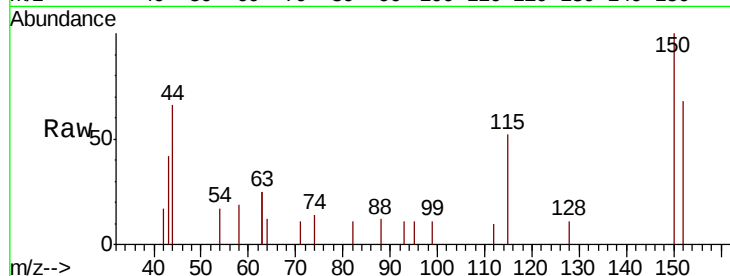


#1

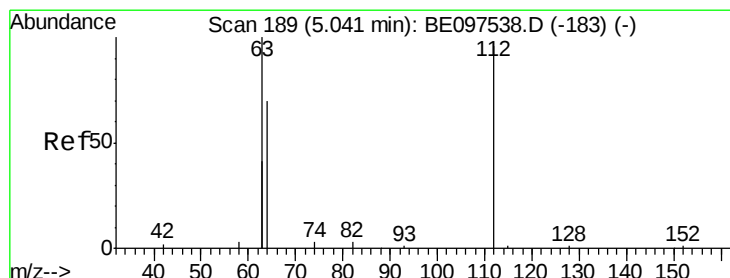
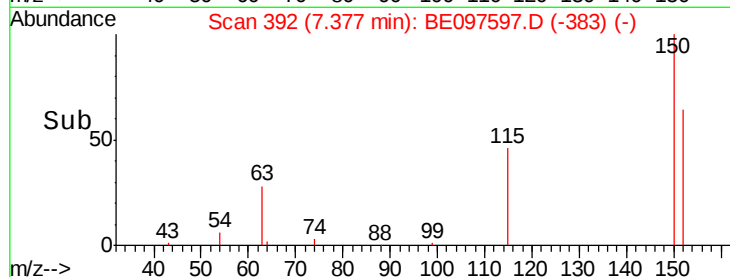
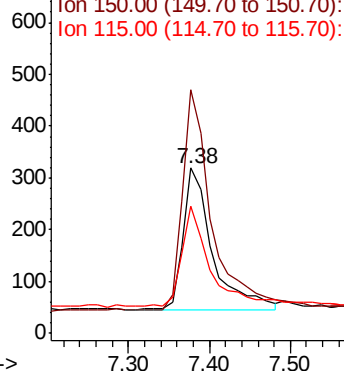
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097597.D
Acq: 21 Sep 2018 6:12

Instrument :
BNA_E
ClientSampleId :
FT-MW10I-20180917

Tgt Ion:152 Resp: 697
Ion Ratio Lower Upper
152 100
150 147.3 117.2 175.8
115 76.8 57.0 85.6



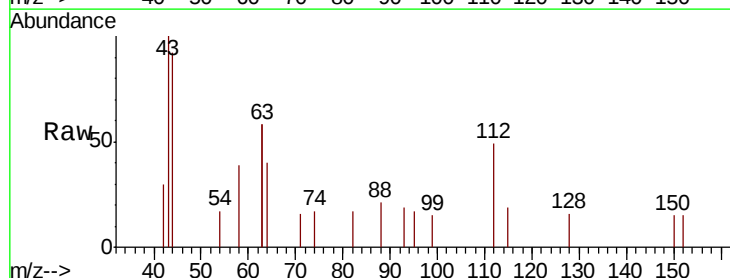
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



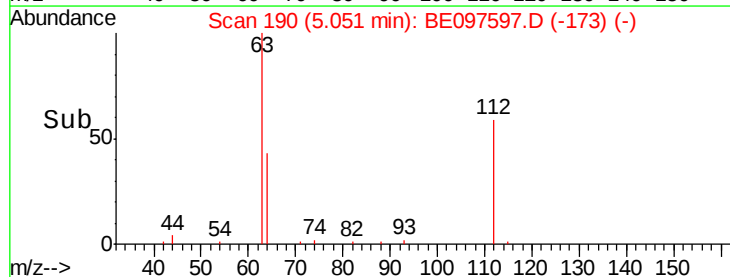
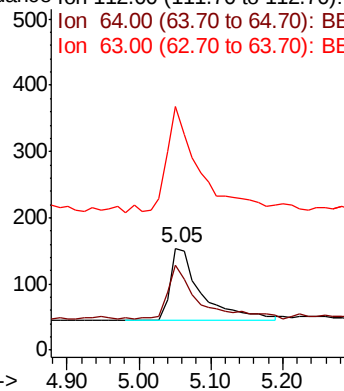
#4

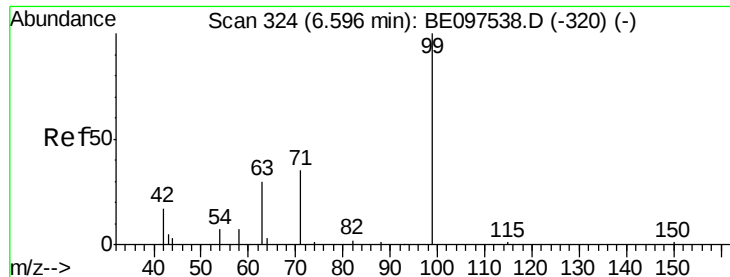
2-Fluorophenol
Concen: 0.158 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097597.D
Acq: 21 Sep 2018 6:12

Tgt Ion:112 Resp: 330
Ion Ratio Lower Upper
112 100
64 69.7 60.1 90.1
63 143.6 116.8 175.2



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





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097597.D

Acq: 21 Sep 2018 6:12

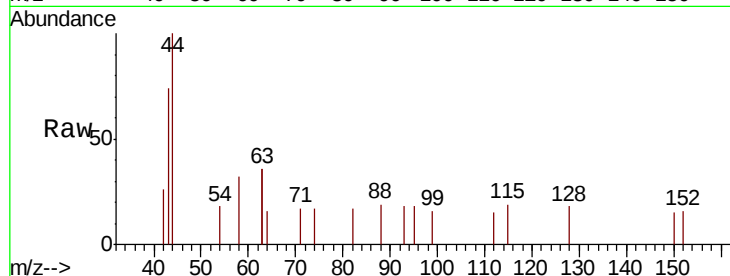
Instrument :

BNA_E

ClientSampleId :

FT-MW10I-20180917

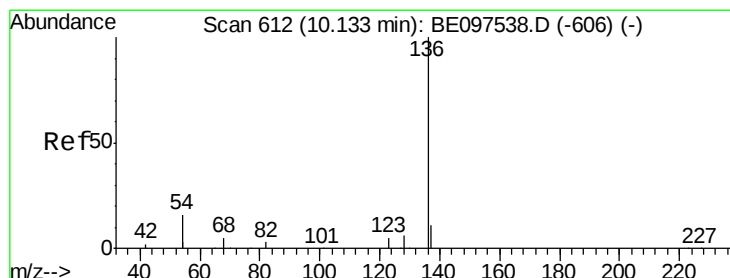
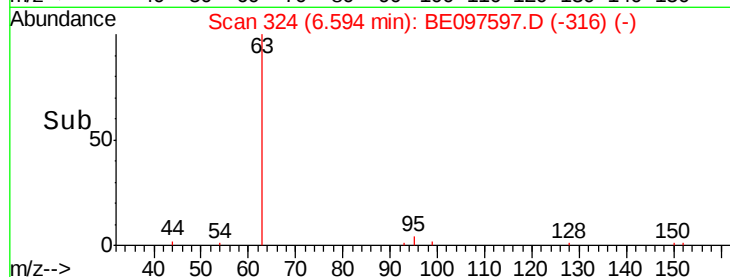
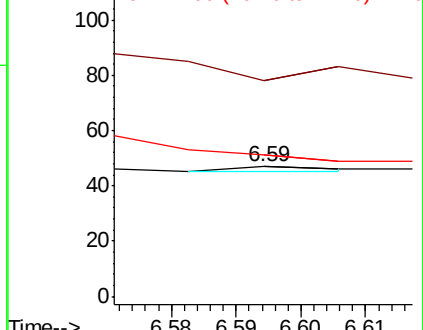
Tgt Ion:	99	Resp:	2
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#



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

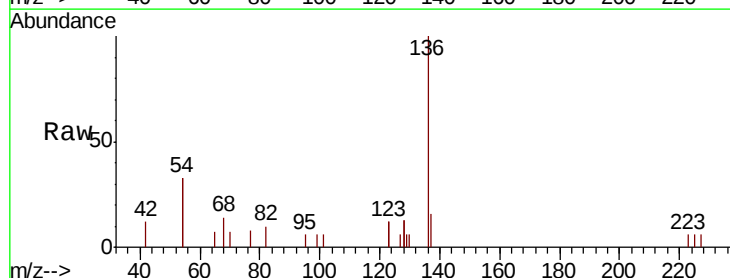
RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097597.D

Acq: 21 Sep 2018 6:12

Tgt Ion:	136	Resp:	2944
Ion	Ratio	Lower	Upper
136	100		
137	16.2	9.5	14.3#
54	66.4	29.1	43.7#
68	14.1	6.2	9.2#

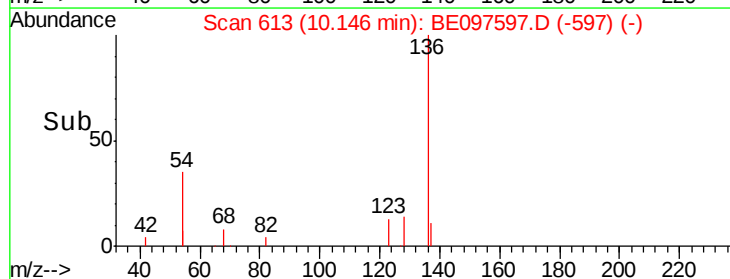
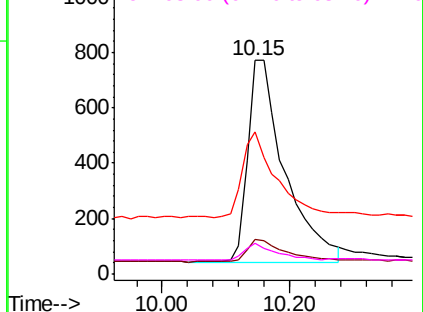


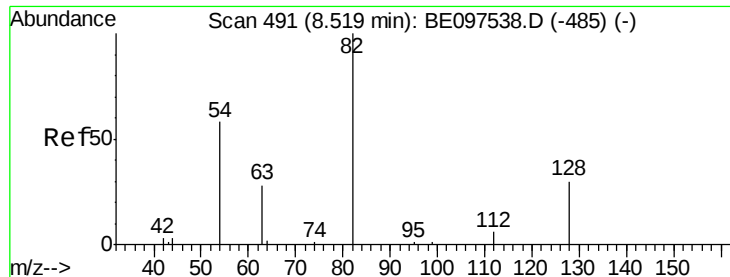
Abundance Ion 136.00 (135.70 to 136.70): E

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

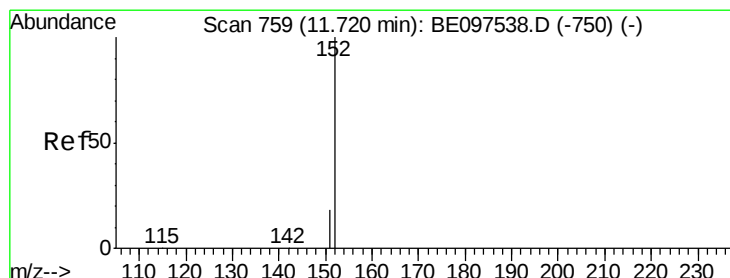
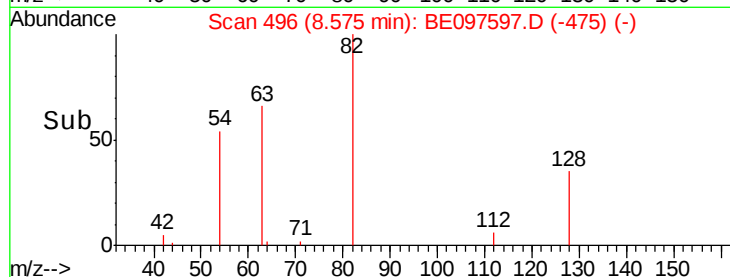
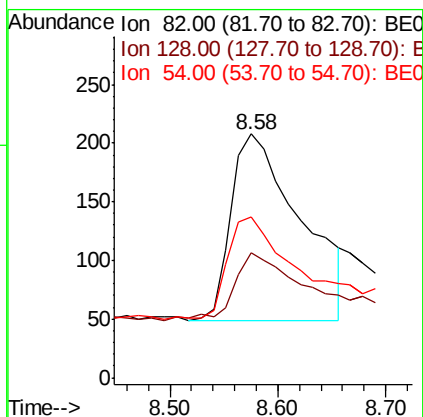
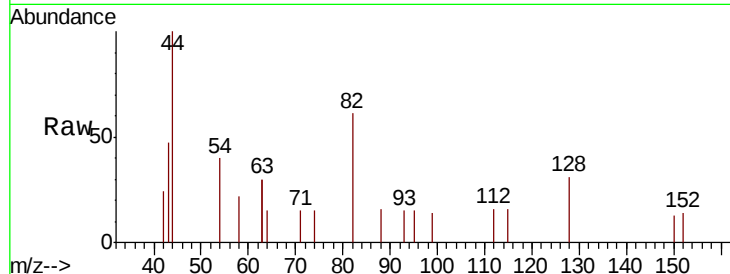




#8
 Nitrobenzene-d5
 Concen: 0.312 ng
 RT: 8.58 min Scan# 496
 Delta R.T. 0.04 min
 Lab File: BE097597.D
 Acq: 21 Sep 2018 6:12

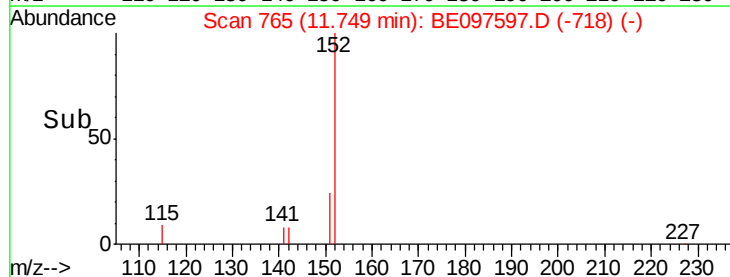
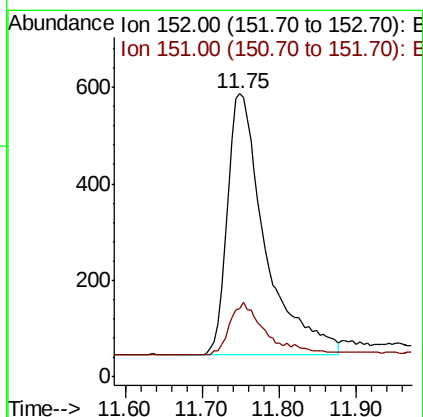
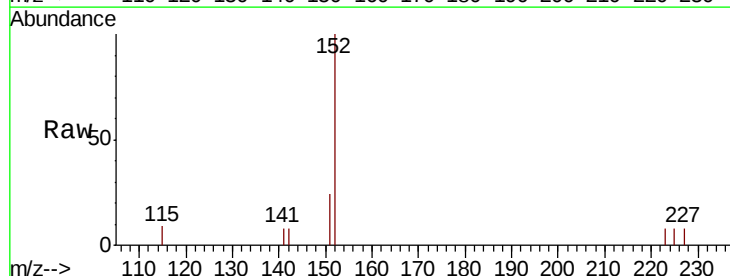
Instrument :
 BNA_E
 ClientSampleId :
 FT-MW10I-20180917

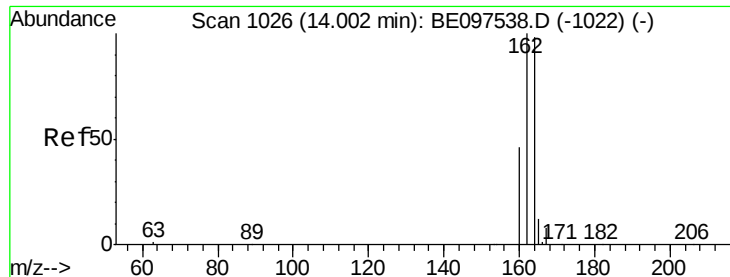
Tgt Ion: 82 Resp: 710
 Ion Ratio Lower Upper
 82 100
 128 51.0 24.0 36.0#
 54 65.9 40.0 60.0#



#11
 2-Methylnaphthalene-d10
 Concen: 0.459 ng
 RT: 11.75 min Scan# 765
 Delta R.T. 0.03 min
 Lab File: BE097597.D
 Acq: 21 Sep 2018 6:12

Tgt Ion: 152 Resp: 1861
 Ion Ratio Lower Upper
 152 100
 151 20.2 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: BE097597.D

Acq: 21 Sep 2018 6:12

Instrument :

BNA_E

ClientSampleId :

FT-MW10I-20180917

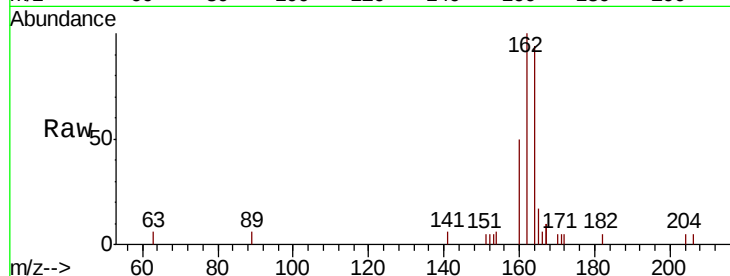
Tgt Ion:164 Resp: 1933

Ion Ratio Lower Upper

164 100

162 106.0 83.1 124.7

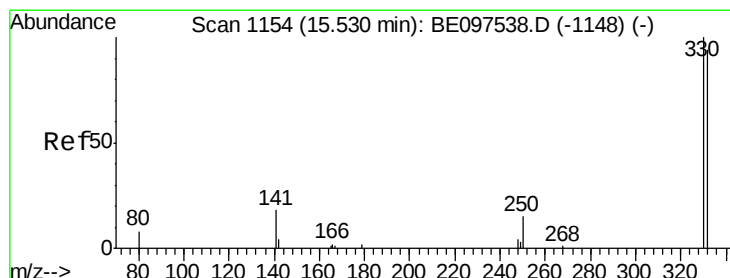
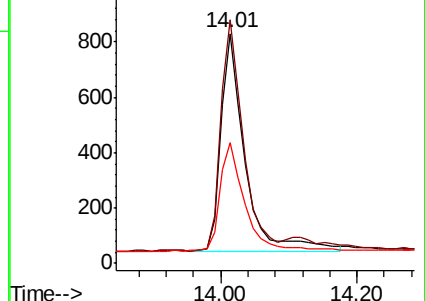
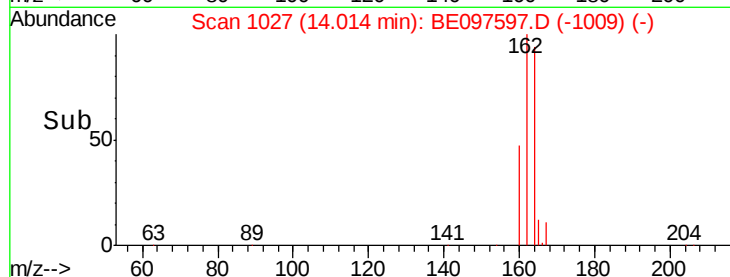
160 52.5 37.1 55.7



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

2,4,6-Tribromophenol

Concen: 0.470 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE097597.D

Acq: 21 Sep 2018 6:12

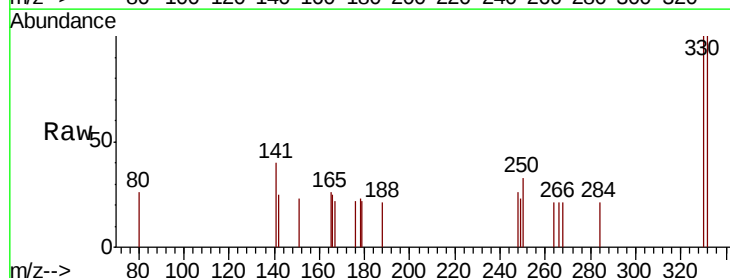
Tgt Ion:330 Resp: 357

Ion Ratio Lower Upper

330 100

332 98.3 152.7 229.1#

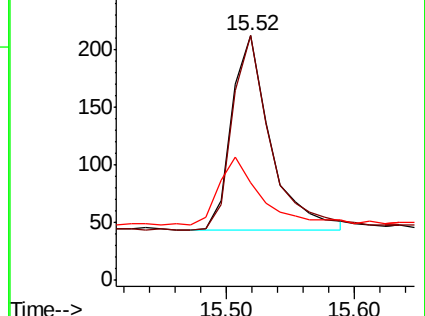
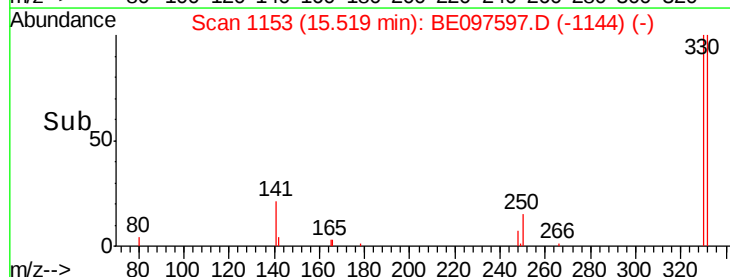
141 37.5 33.7 50.5

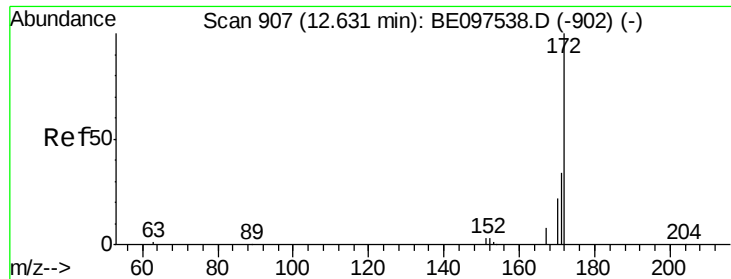


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

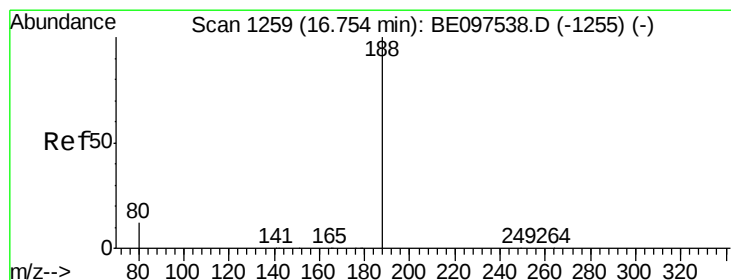
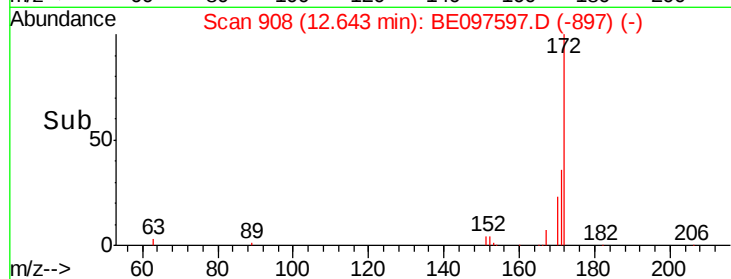
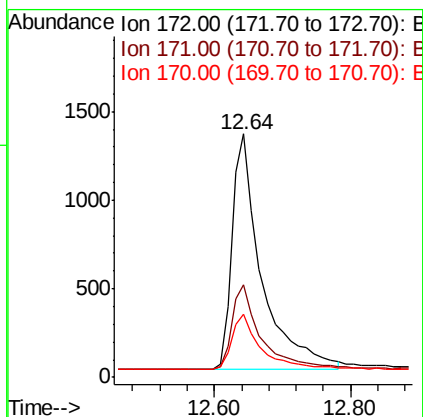
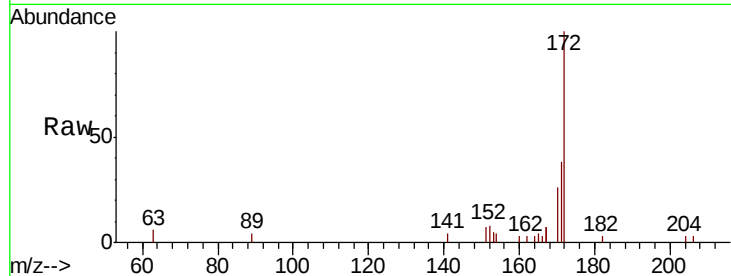




#15
2-Fluorobiphenyl
Concen: 0.586 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.02 min
Lab File: BE097597.D
Acq: 21 Sep 2018 6:12

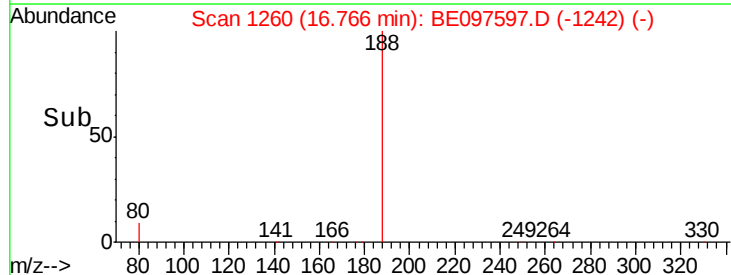
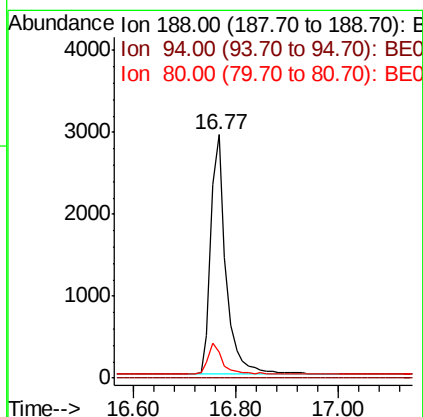
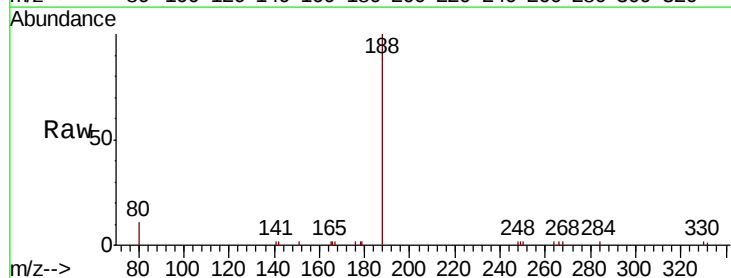
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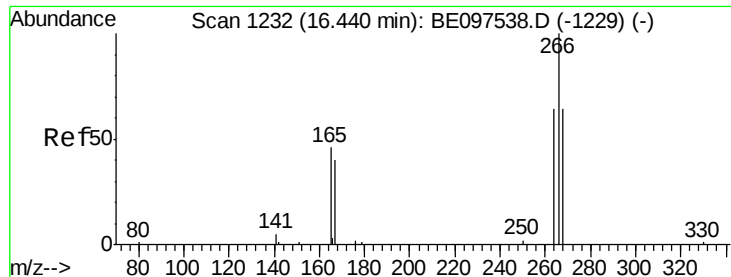
Tgt Ion:172 Resp: 4004
Ion Ratio Lower Upper
172 100
171 37.8 29.9 44.9
170 25.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097597.D
Acq: 21 Sep 2018 6:12

Tgt Ion:188 Resp: 6076
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.6 3.6 5.4#

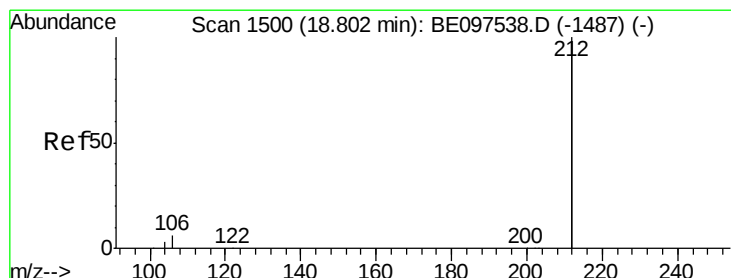
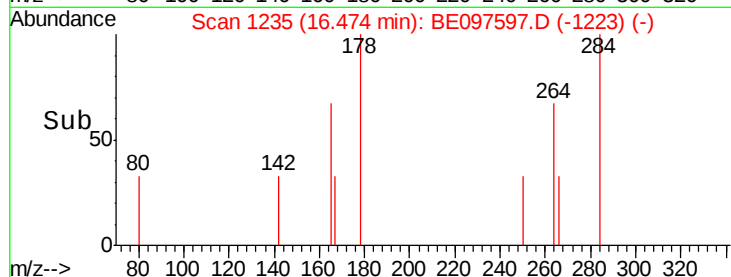
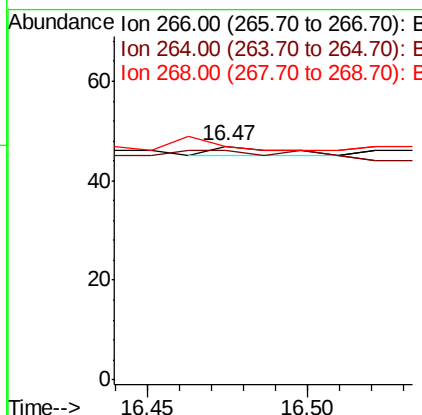
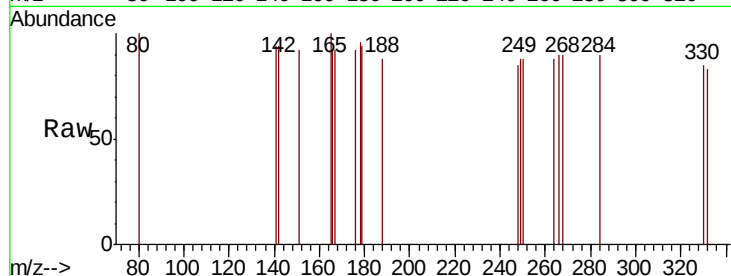




#22
 Pentachlorophenol
 Concen: 0.132 ng
 RT: 16.47 min Scan# 1235
 Delta R.T. 0.03 min
 Lab File: BE097597.D
 Acq: 21 Sep 2018 6:12

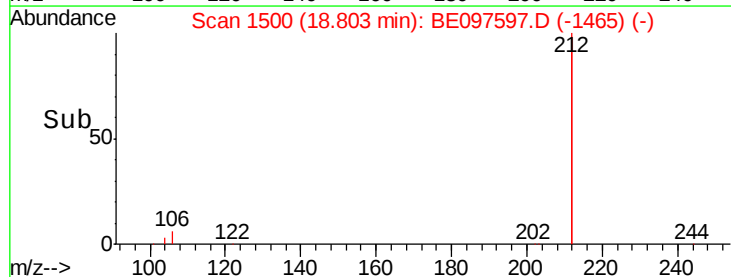
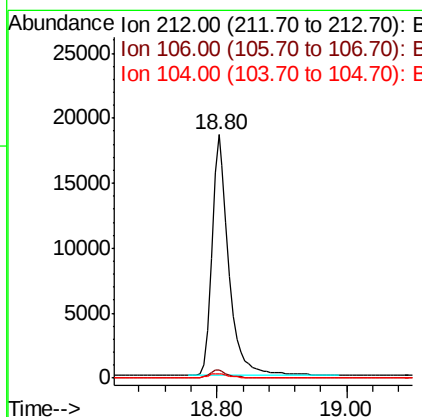
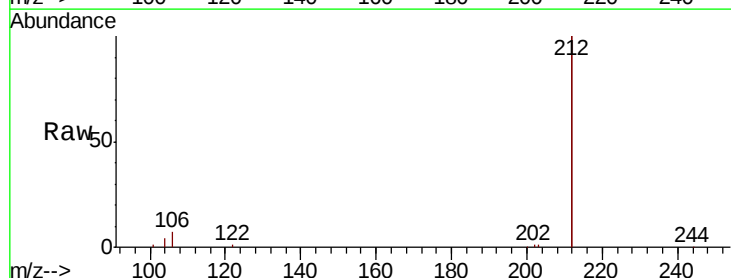
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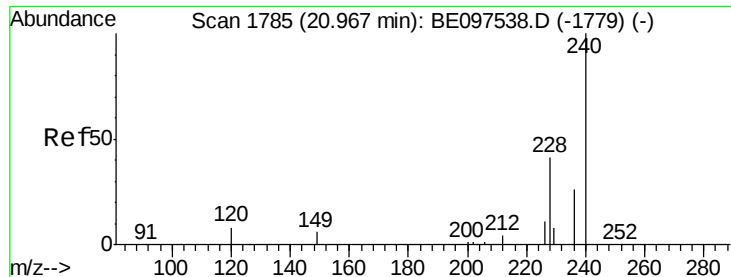
Tgt Ion: 266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 97.9 72.5 108.7
 268 100.0 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.441 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BE097597.D
 Acq: 21 Sep 2018 6:12

Tgt Ion: 212 Resp: 34284
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097597.D

Acq: 21 Sep 2018 6:12

Instrument :

BNA_E

ClientSampleId :

FT-MW10I-20180917

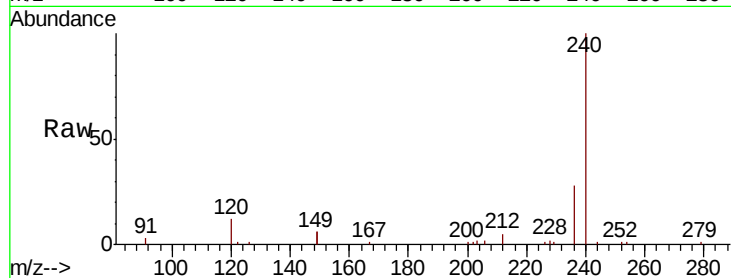
Tgt Ion:240 Resp: 7897

Ion Ratio Lower Upper

240 100

120 11.5 5.5 8.3#

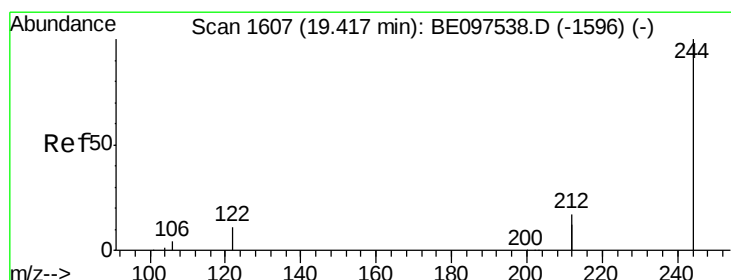
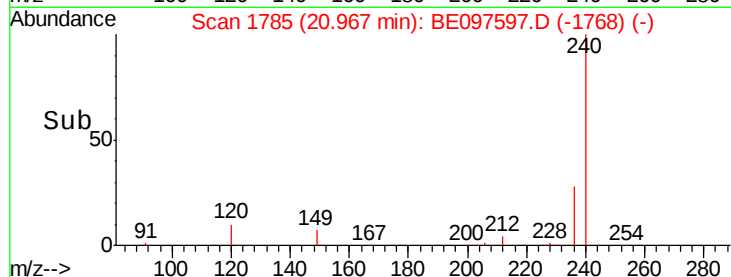
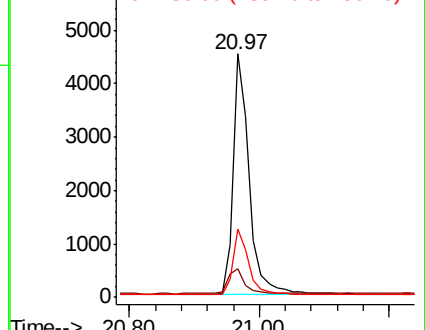
236 28.3 20.7 31.1



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: 0.549 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097597.D

Acq: 21 Sep 2018 6:12

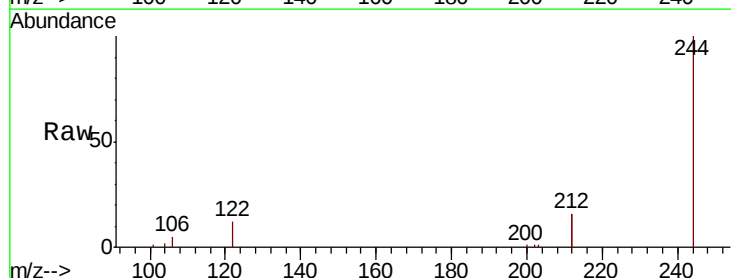
Tgt Ion:244 Resp: 7933

Ion Ratio Lower Upper

244 100

212 32.0 25.4 38.0

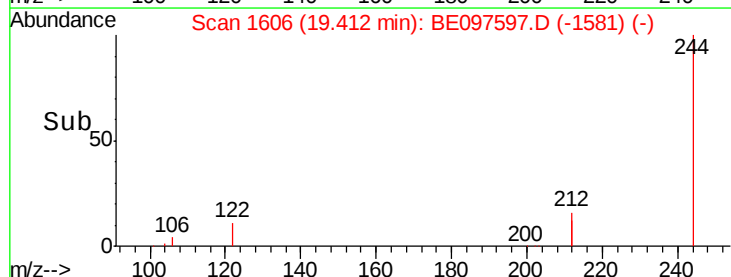
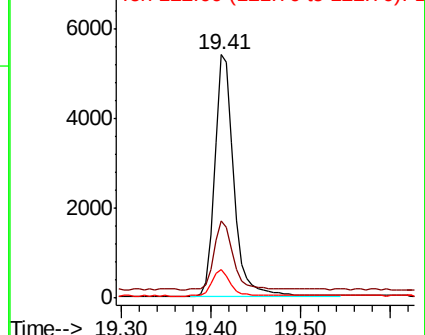
122 11.9 8.1 12.1

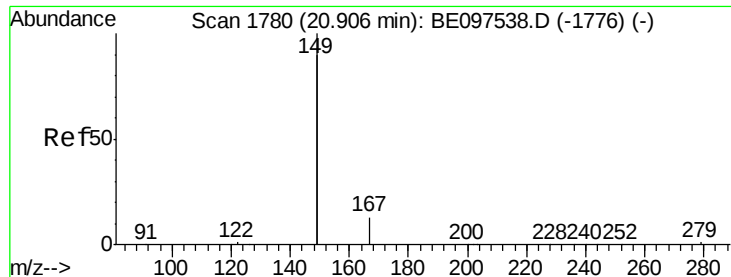


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng

RT: 20.89 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE097597.D

Acq: 21 Sep 2018 6:12

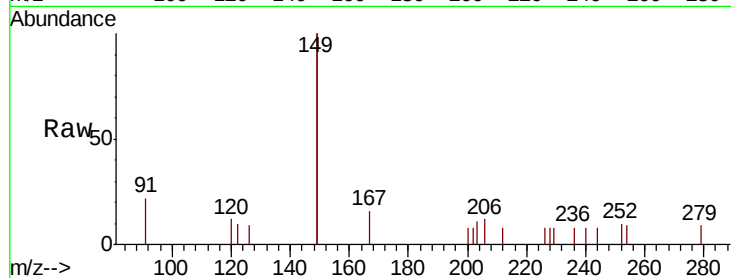
Instrument :

BNA_E

ClientSampleId :

FT-MW10I-20180917

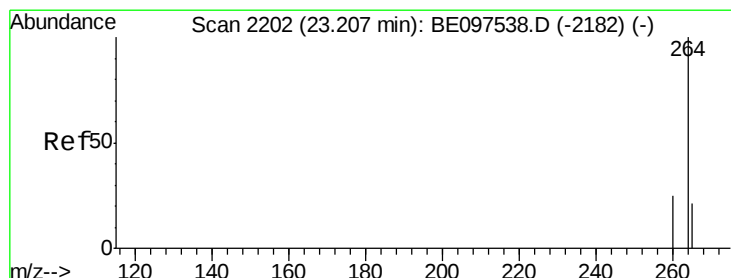
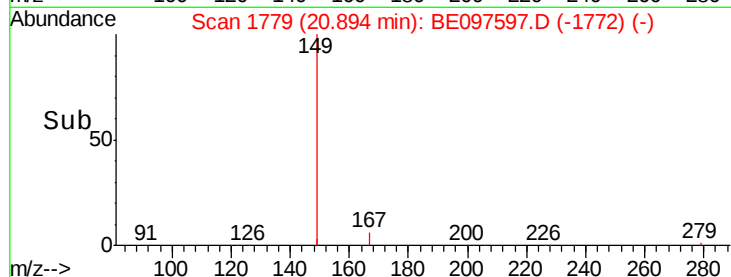
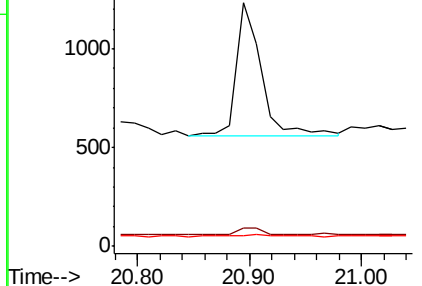
Tgt Ion:	149	Resp:	1031
Ion Ratio	Lower	Upper	
149	100		
167	6.3	5.4	8.0
279	3.3	0.7	1.1#



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

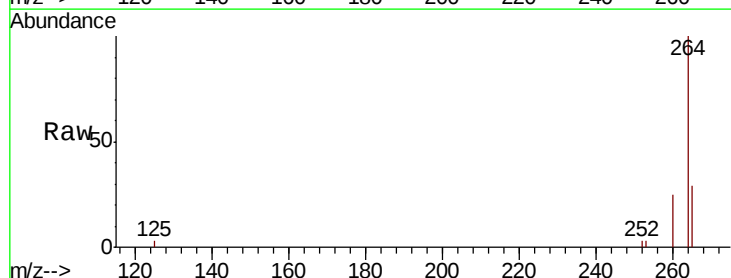
RT: 23.20 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BE097597.D

Acq: 21 Sep 2018 6:12

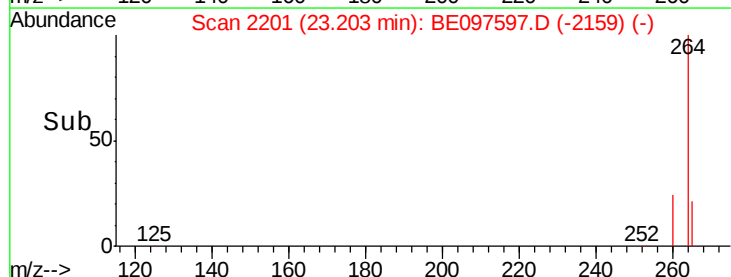
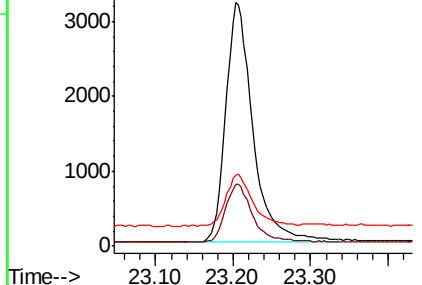
Tgt Ion:	264	Resp:	7819
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.5	30.7
265	29.2	22.8	34.2

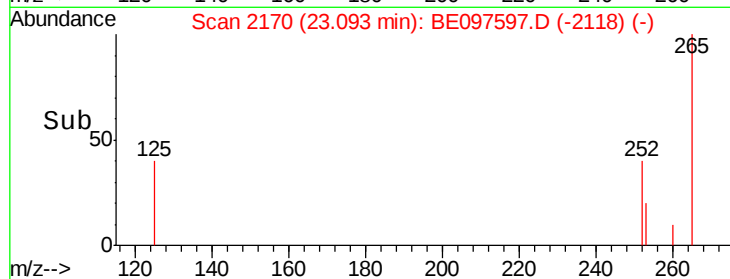
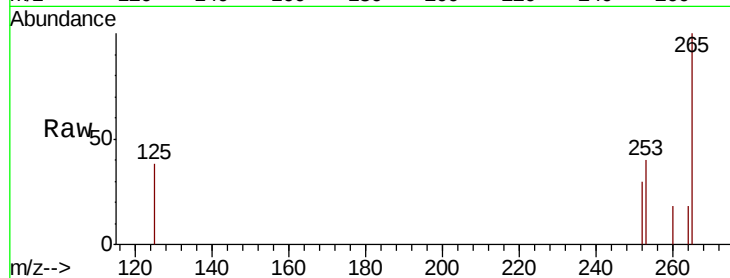
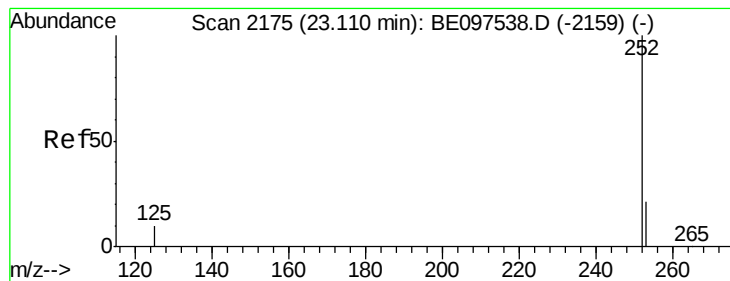


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.09 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BE097597.D

Acq: 21 Sep 2018 6:12

Instrument :

BNA_E

ClientSampleId :

FT-MW10I-20180917

Tgt Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	132.5	16.0	24.0#
125	125.3	12.0	18.0#

