

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097580.D
 Acq On : 20 Sep 2018 19:03
 Operator : SJ/JU
 Sample : J4913-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW302D-20180913

Quant Time: Sep 21 06:00:30 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

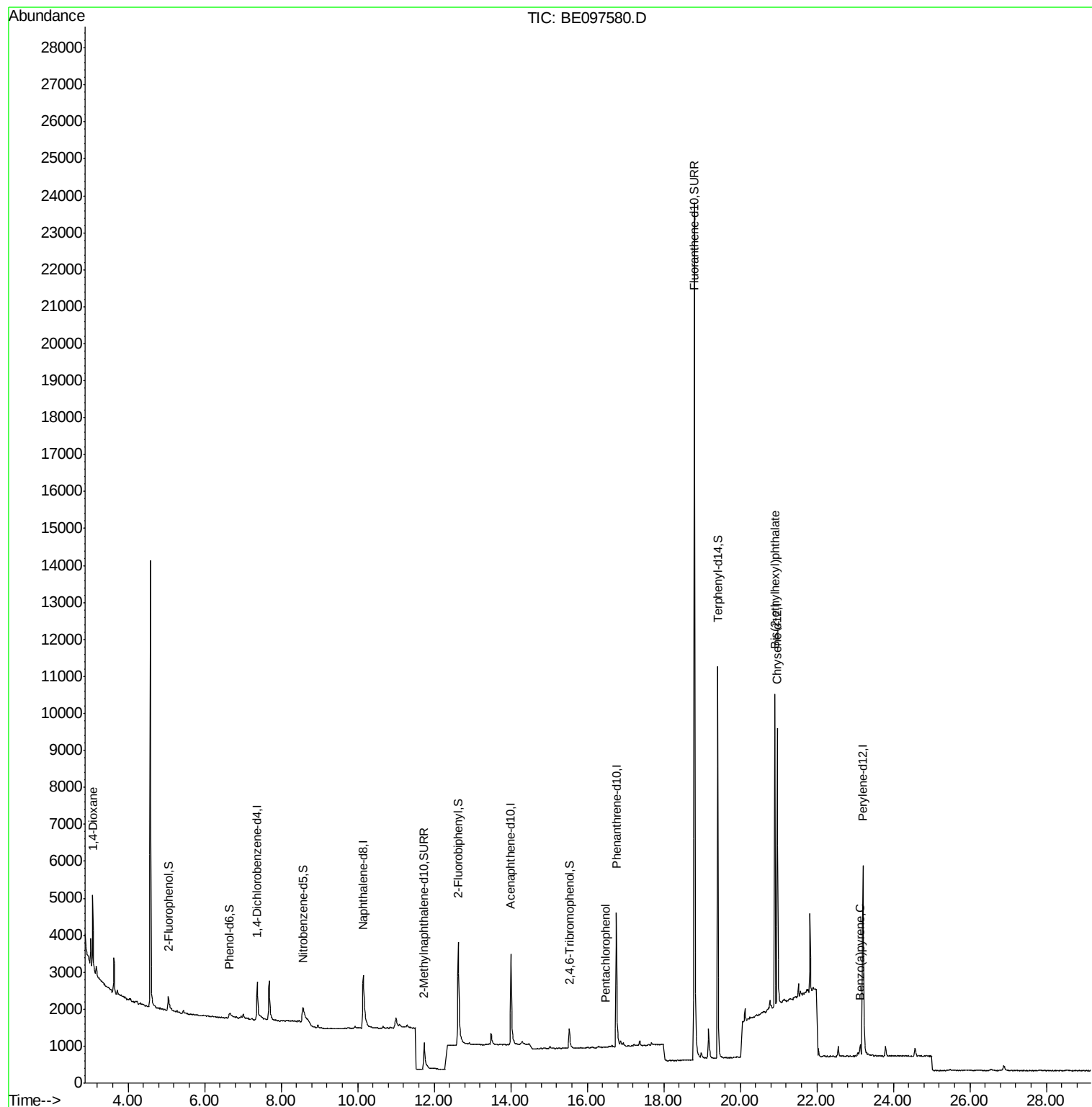
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	646	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3013	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1969	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6179	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8322	0.40	ng	0.00
34) Perylene-d12	23.20	264	8219	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	371	0.19	ng	0.00
5) Phenol-d6	6.65	99	113	0.05	ng	0.05
8) Nitrobenzene-d5	8.57	82	811	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	1877	0.45	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	430	0.54	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	4126	0.59	ng	0.01
25) Fluoranthene-d10	18.80	212	36106	0.46	ng	0.00
29) Terphenyl-d14	19.41	244	10360	0.68	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	1101	1.068	ng	93
22) Pentachlorophenol	16.47	266	4	0.133	ng	94
32) Bis(2-ethylhexyl)phthalate	20.91	149	11435	0.335	ng	# 100
37) Benzo(a)pyrene	23.12	252	52	0.023	ng	# 1

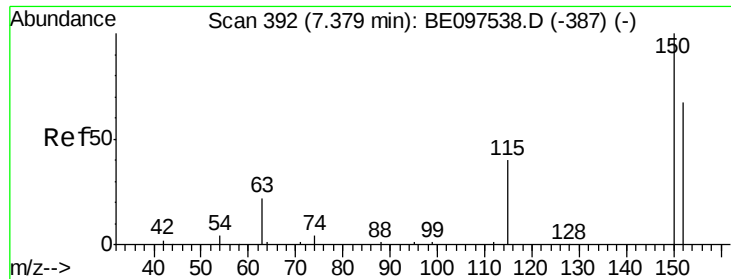
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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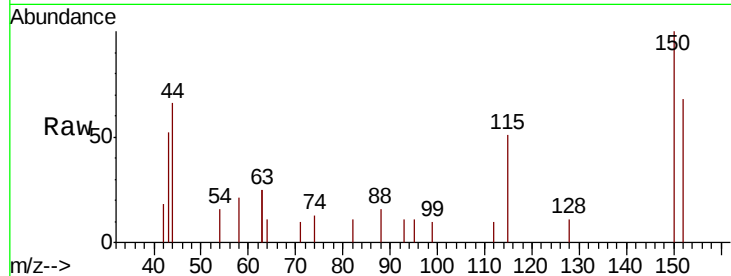


#1

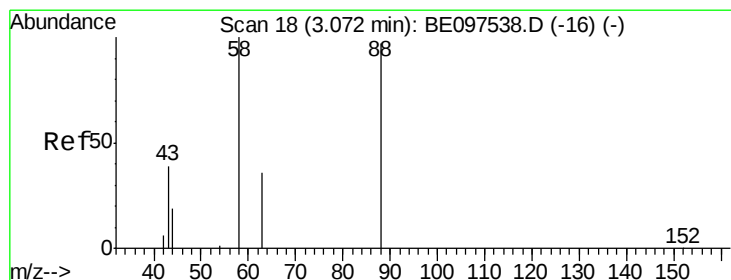
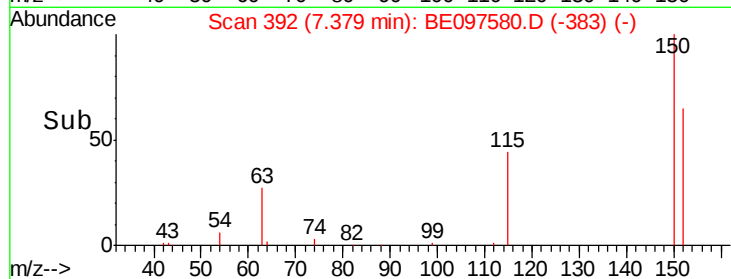
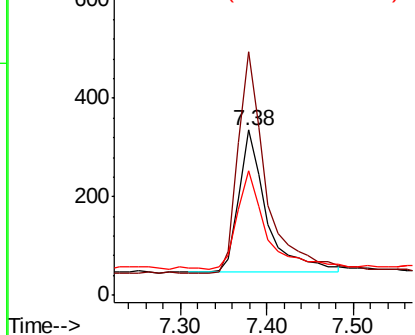
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.38 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BE097580.D
 Acq: 20 Sep 2018 19:03

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW302D-20180913

Tgt Ion: 152 Resp: 646
 Ion Ratio Lower Upper
 152 100
 150 147.5 117.2 175.8
 115 75.5 57.0 85.6



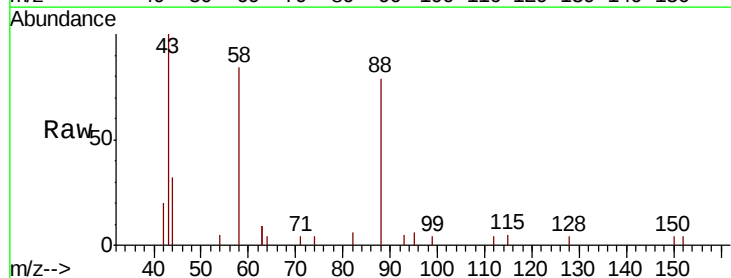
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



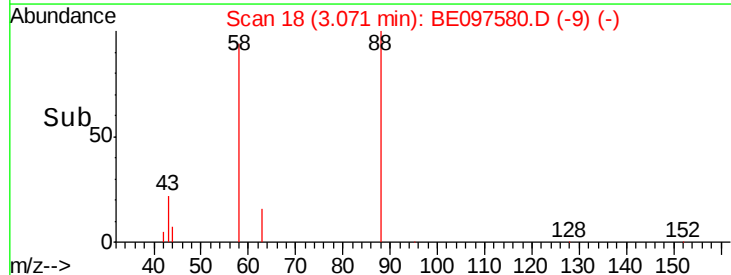
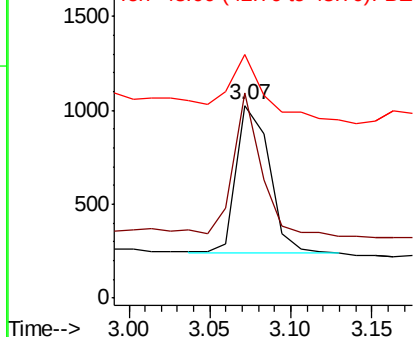
#2

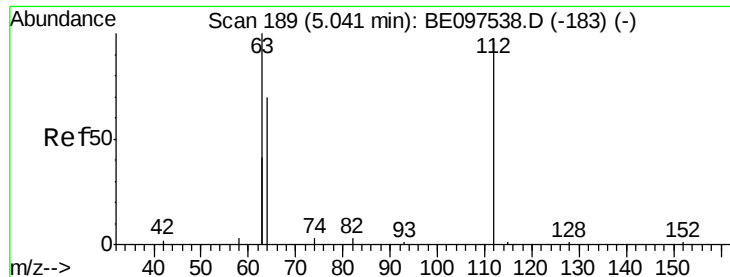
1,4-Dioxane
 Concen: 1.068 ng
 RT: 3.07 min Scan# 18
 Delta R.T. 0.00 min
 Lab File: BE097580.D
 Acq: 20 Sep 2018 19:03

Tgt Ion: 88 Resp: 1101
 Ion Ratio Lower Upper
 88 100
 58 83.0 63.2 94.8
 43 43.2 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: 0.192 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097580.D

Acq: 20 Sep 2018 19:03

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302D-20180913

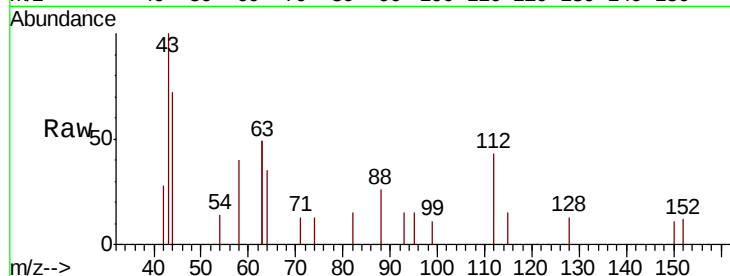
Tgt Ion: 112 Resp: 371

Ion Ratio Lower Upper

112 100

64 67.4 60.1 90.1

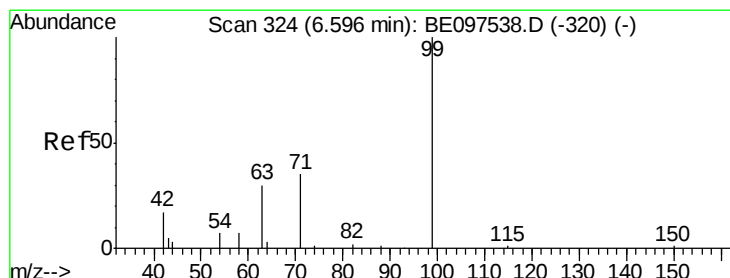
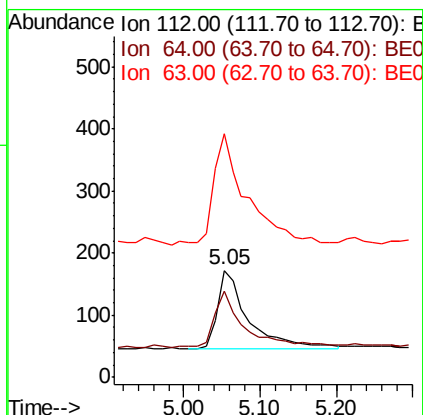
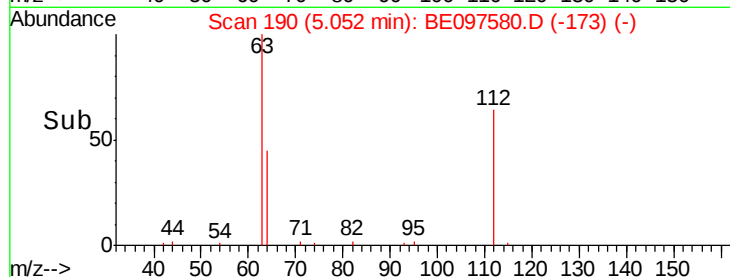
63 152.3 116.8 175.2



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: 0.046 ng

RT: 6.65 min Scan# 329

Delta R.T. 0.05 min

Lab File: BE097580.D

Acq: 20 Sep 2018 19:03

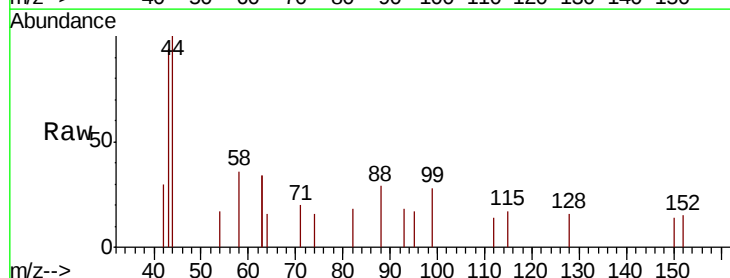
Tgt Ion: 99 Resp: 113

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

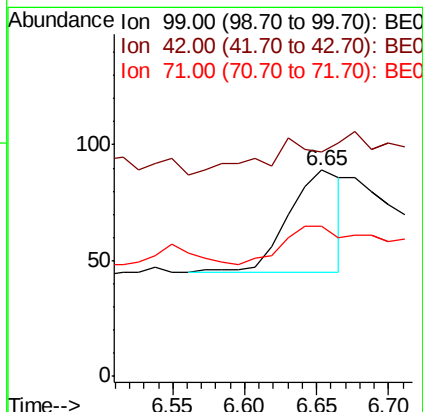
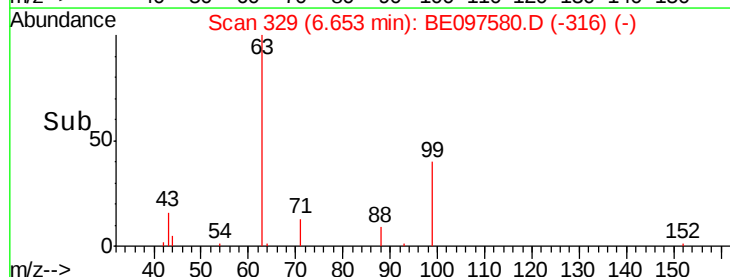
71 39.8 28.4 42.6

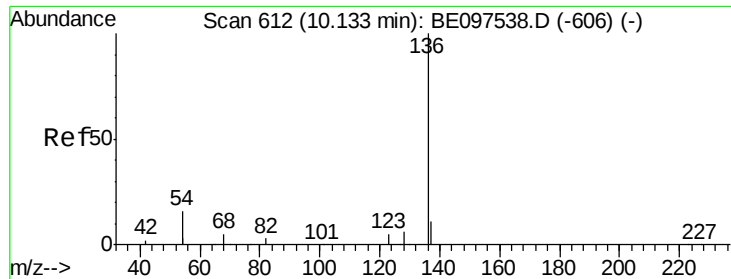


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097580.D

Acq: 20 Sep 2018 19:03

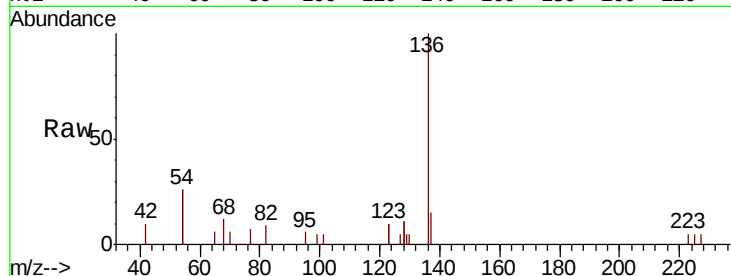
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302D-20180913

Tgt Ion:	136	Resp:	3013
Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.5	14.3#
54	52.5	29.1	43.7#
68	11.8	6.2	9.2#

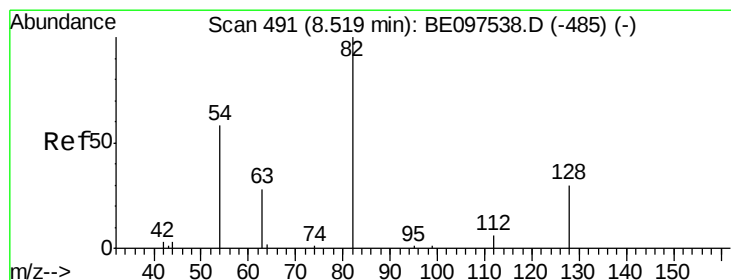
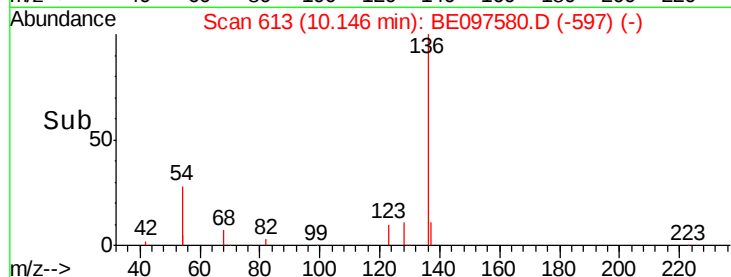
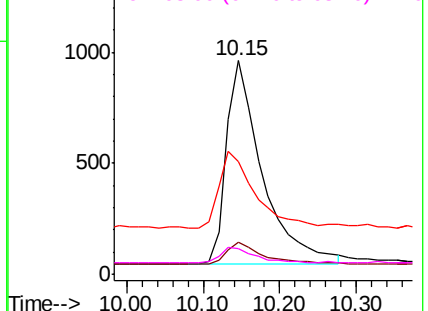


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

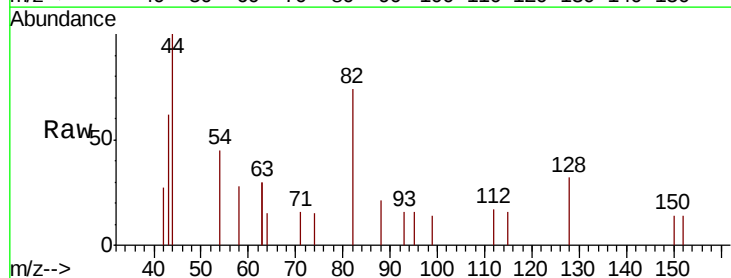
RT: 8.57 min Scan# 495

Delta R.T. 0.03 min

Lab File: BE097580.D

Acq: 20 Sep 2018 19:03

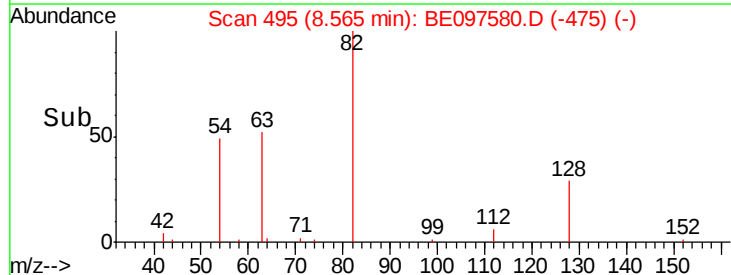
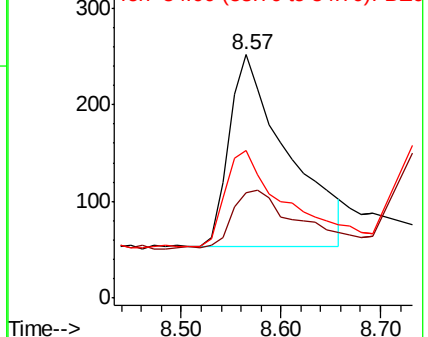
Tgt Ion:	82	Resp:	811
Ion	Ratio	Lower	Upper
82	100		
128	43.3	24.0	36.0#
54	60.3	40.0	60.0#

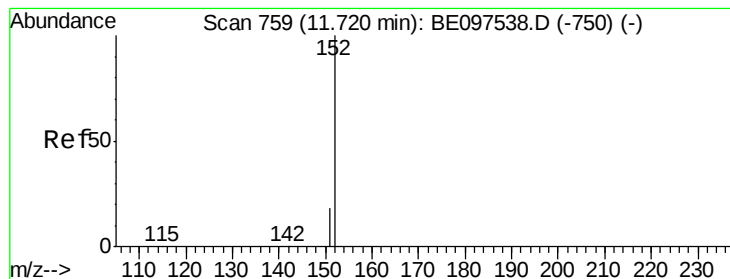


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.452 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE097580.D

Acq: 20 Sep 2018 19:03

Instrument :

BNA_E

ClientSampleId :

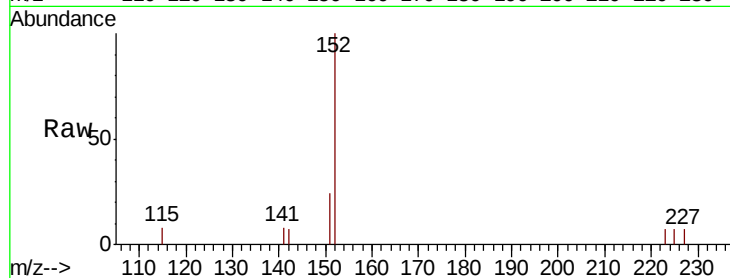
BPS1-TT-MW302D-20180913

Tgt Ion:152 Resp: 1877

Ion Ratio Lower Upper

152 100

151 17.6 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

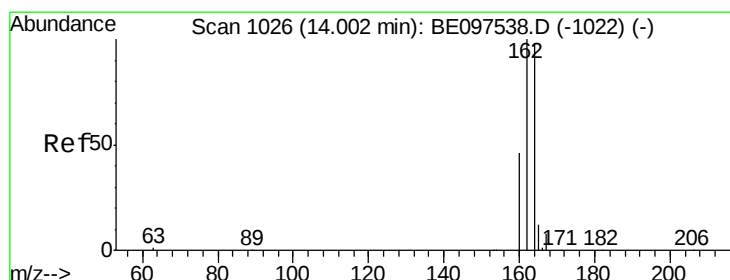
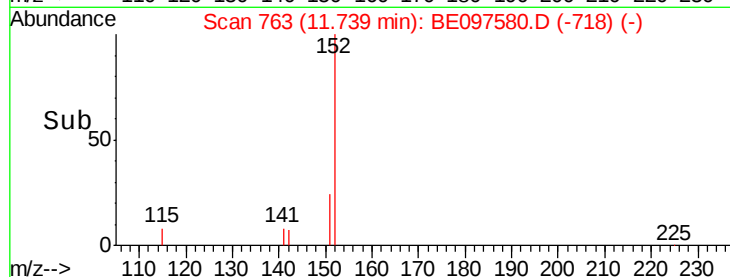
600

400

200

0

Time--> 11.60 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097580.D

Acq: 20 Sep 2018 19:03

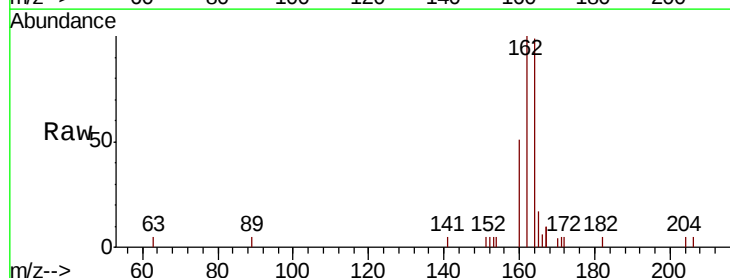
Tgt Ion:164 Resp: 1969

Ion Ratio Lower Upper

164 100

162 101.0 83.1 124.7

160 51.1 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

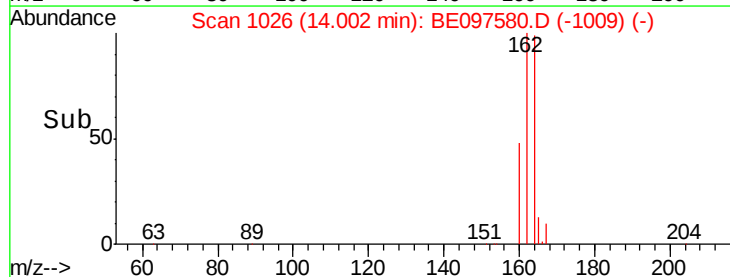
14.00

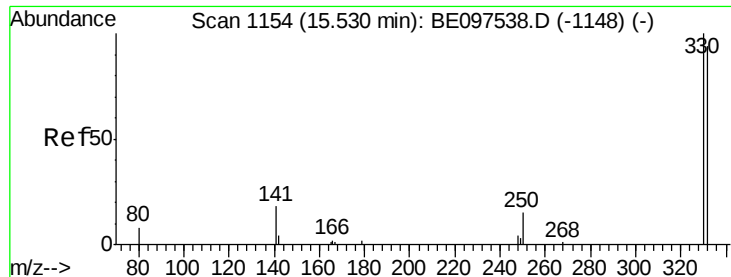
1000

500

0

Time--> 14.00 14.20

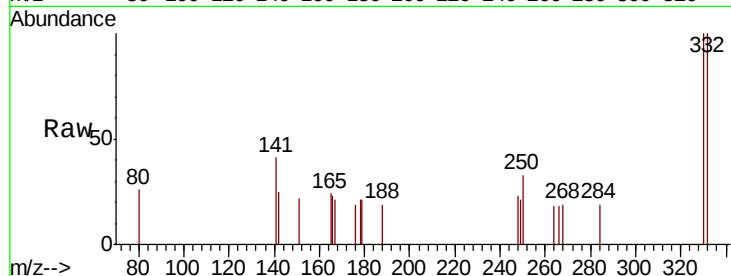




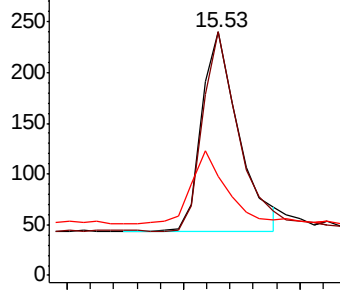
#14
 2,4,6-Tribromophenol
 Concen: 0.537 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE097580.D
 Acq: 20 Sep 2018 19:03

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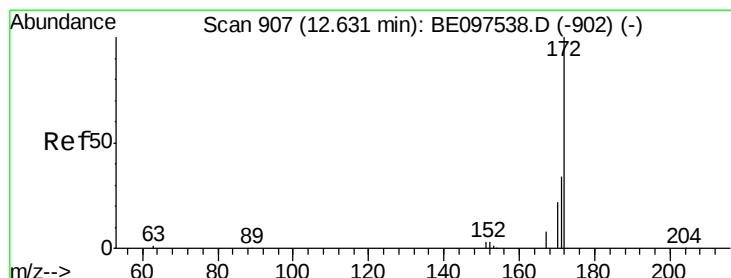
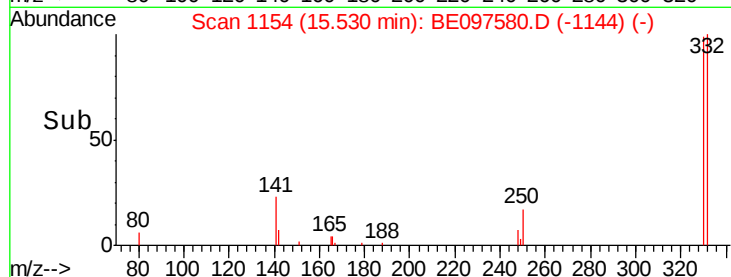
Tgt Ion: 330 Resp: 430
 Ion Ratio Lower Upper
 330 100
 332 97.0 152.7 229.1#
 141 35.1 33.7 50.5



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

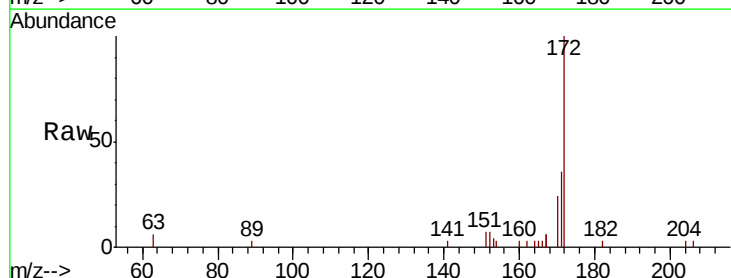


Time--> 15.40 15.50 15.60

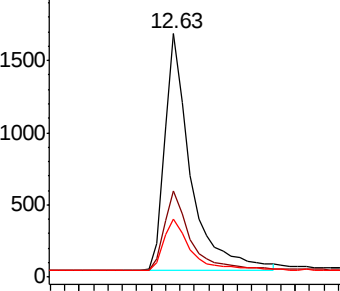


#15
 2-Fluorobiphenyl
 Concen: 0.593 ng
 RT: 12.63 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BE097580.D
 Acq: 20 Sep 2018 19:03

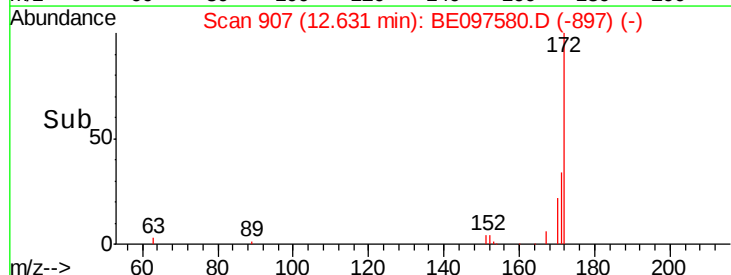
Tgt Ion: 172 Resp: 4126
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.9 44.9
 170 23.7 21.8 32.8

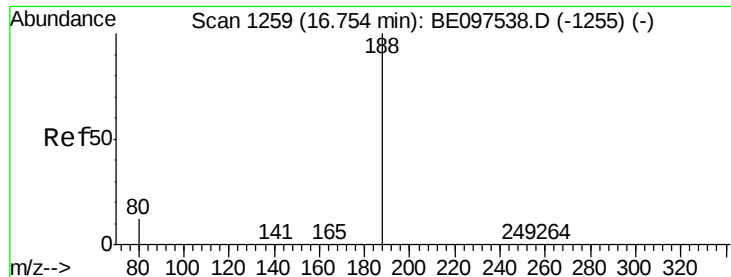


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.50 12.60 12.70 12.80

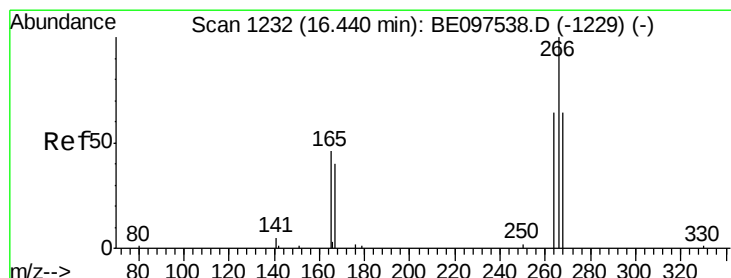
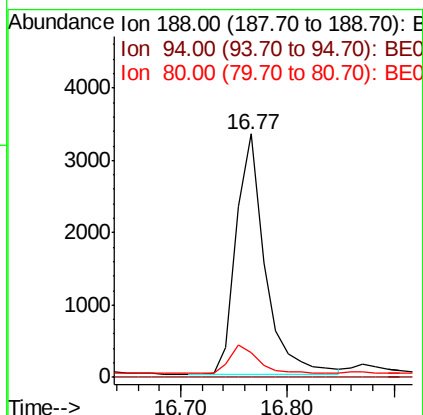
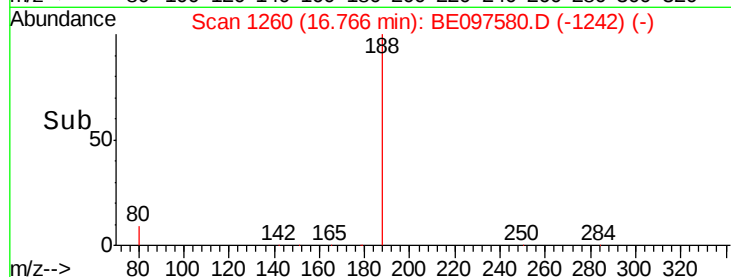
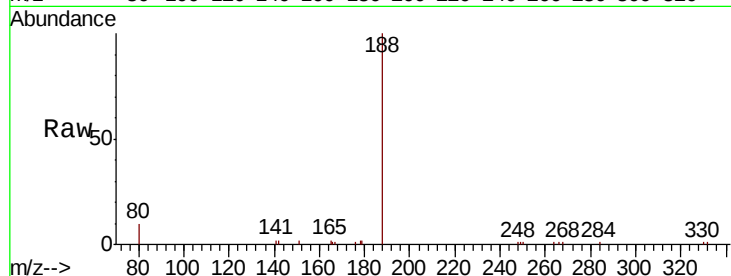




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097580.D
Acq: 20 Sep 2018 19:03

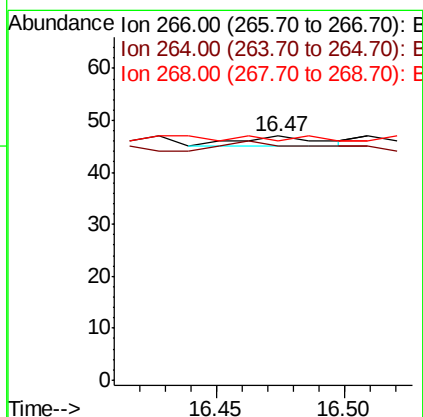
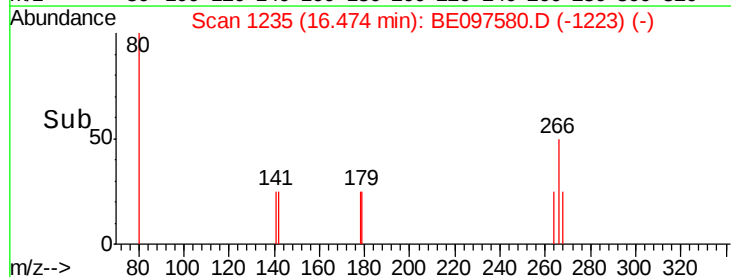
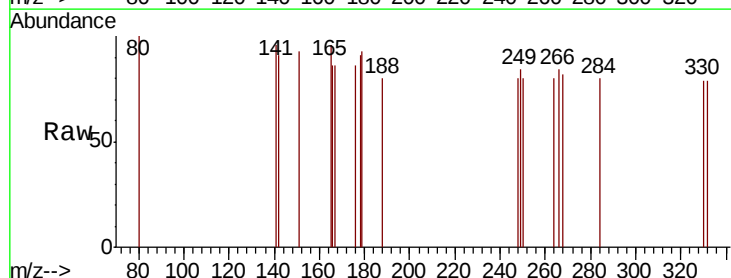
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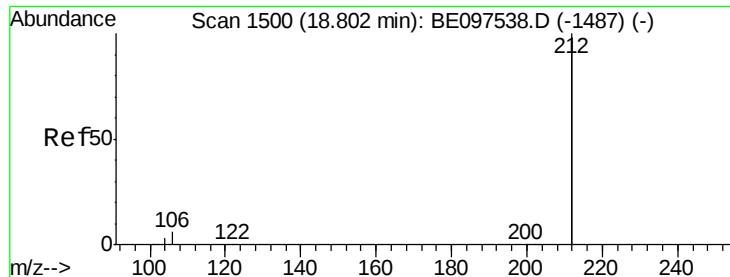
Tgt Ion:188 Resp: 6179
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.2 3.6 5.4#



#22
Pentachlorophenol
Concen: 0.133 ng
RT: 16.47 min Scan# 1235
Delta R.T. 0.03 min
Lab File: BE097580.D
Acq: 20 Sep 2018 19:03

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 95.7 72.5 108.7
268 97.9 73.8 110.6





#25

Fluoranthene-d10

Concen: 0.456 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097580.D

Acq: 20 Sep 2018 19:03

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302D-20180913

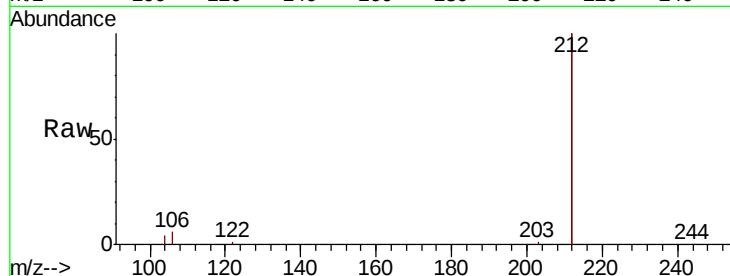
Tgt Ion:212 Resp: 36106

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

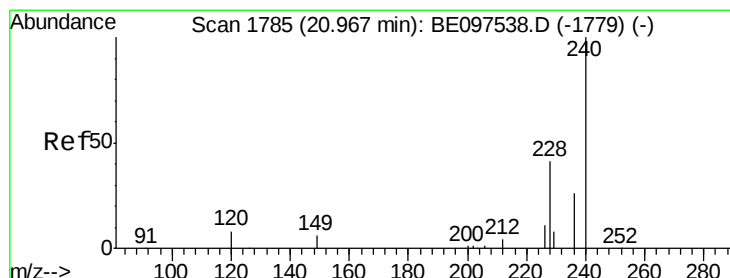
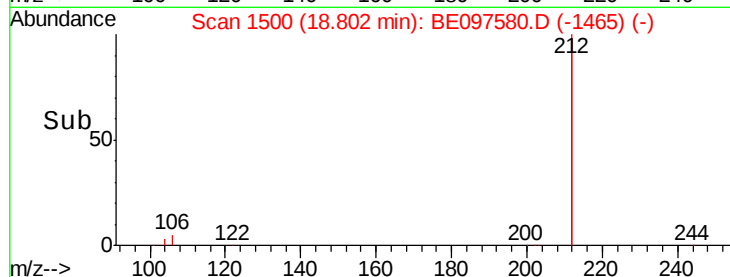
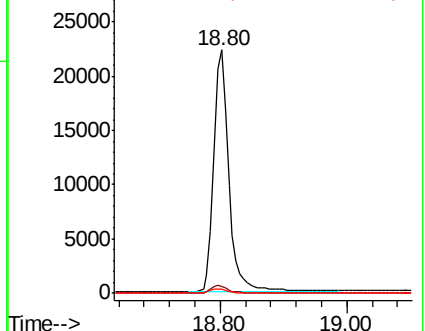
104 1.8 1.6 2.4



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# 1785

Delta R.T. -0.00 min

Lab File: BE097580.D

Acq: 20 Sep 2018 19:03

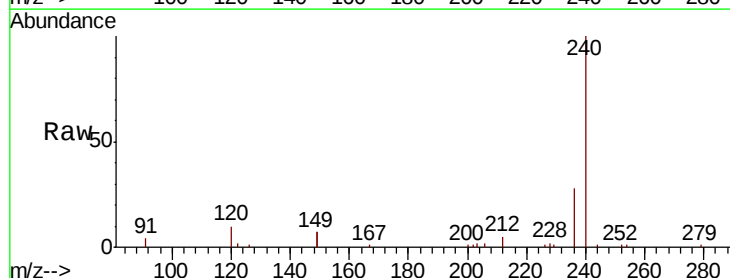
Tgt Ion:240 Resp: 8322

Ion Ratio Lower Upper

240 100

120 10.1 5.5 8.3#

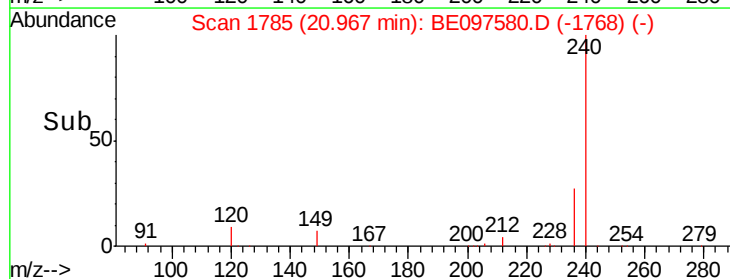
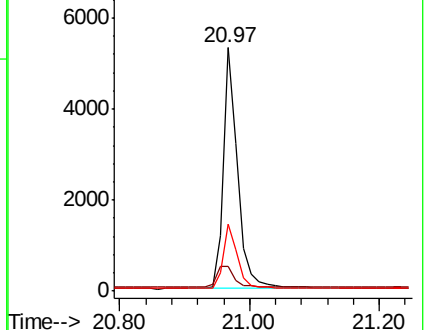
236 27.8 20.7 31.1

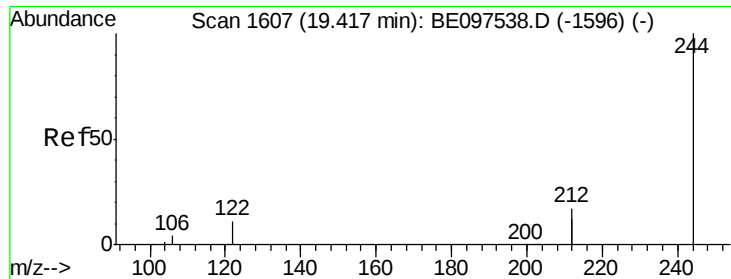


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.680 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097580.D

Acq: 20 Sep 2018 19:03

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302D-20180913

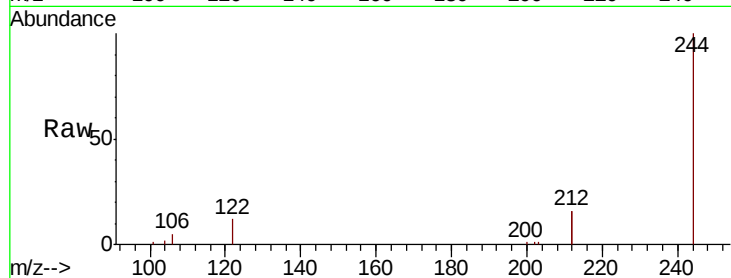
Tgt Ion:244 Resp: 10360

Ion Ratio Lower Upper

244 100

212 31.3 25.4 38.0

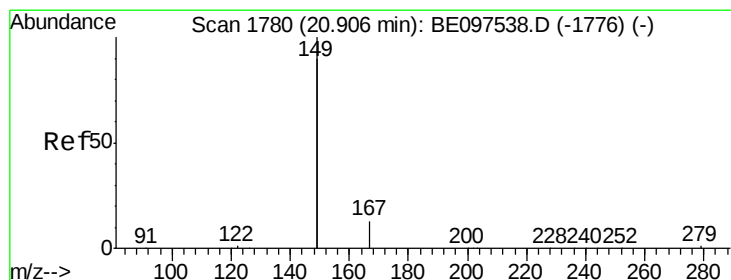
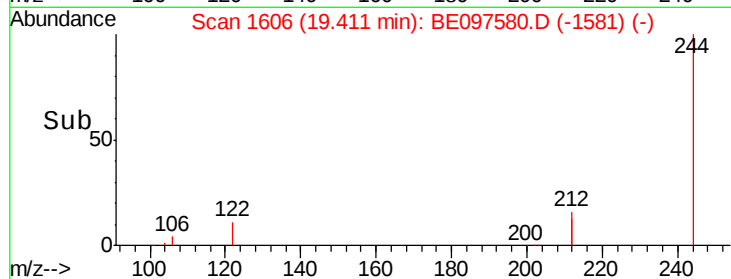
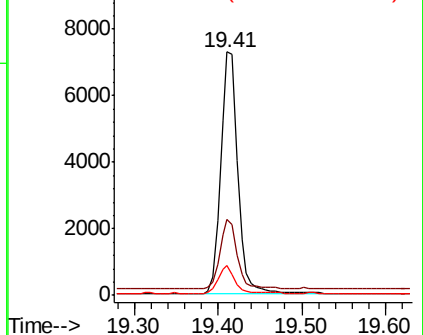
122 12.2 8.1 12.1#



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: 0.335 ng

RT: 20.91 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE097580.D

Acq: 20 Sep 2018 19:03

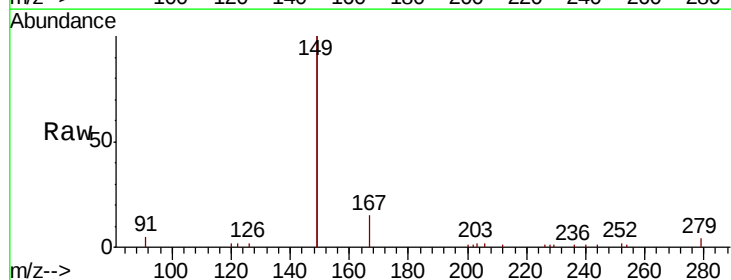
Tgt Ion:149 Resp: 11435

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

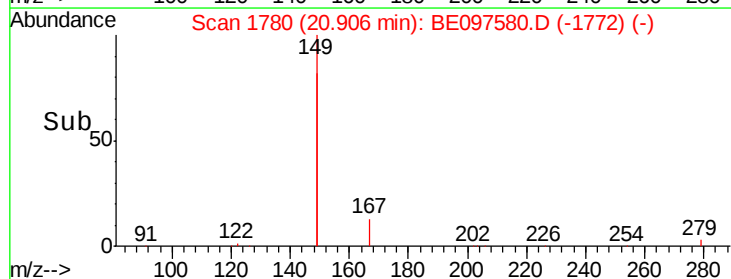
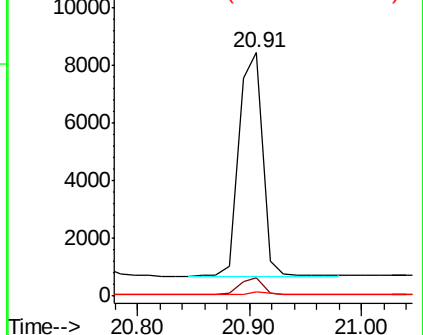
279 1.1 0.7 1.1#

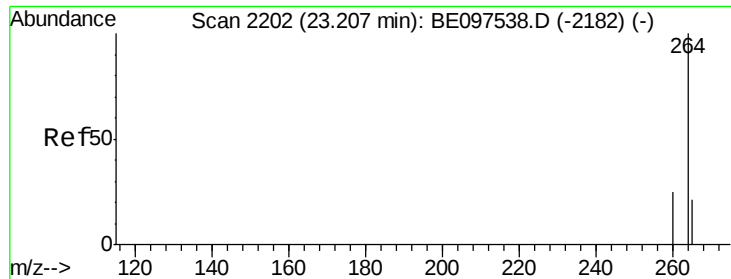


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



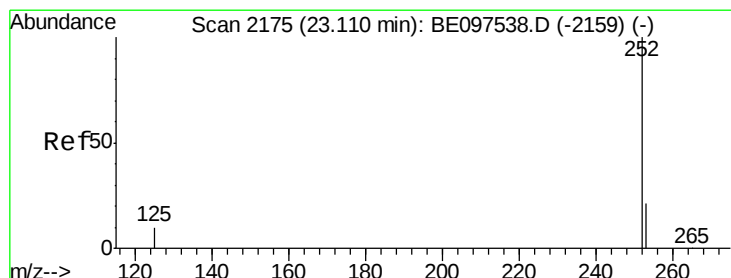
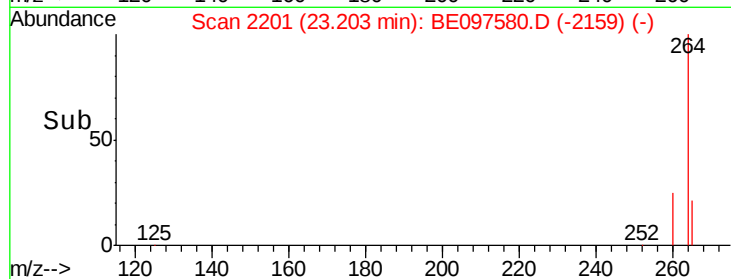
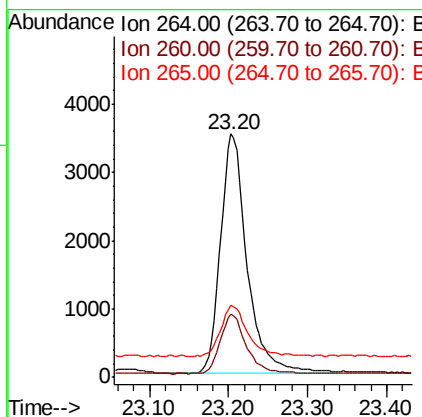
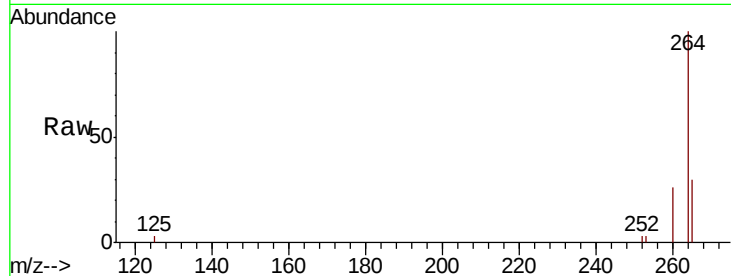


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BE097580.D
Acq: 20 Sep 2018 19:03

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW302D-20180913

Tgt Ion: 264 Resp: 8219

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	29.5	22.8	34.2



#37
Benzo(a)pyrene
Concen: 0.023 ng
RT: 23.12 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BE097580.D
Acq: 20 Sep 2018 19:03

Tgt Ion: 252 Resp: 52

Ion	Ratio	Lower	Upper
252	100		
253	135.4	16.0	24.0#
125	269.0	12.0	18.0#

