

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097582.D
 Acq On : 20 Sep 2018 20:15
 Operator : SJ/JU
 Sample : J4913-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307S-20180913

Quant Time: Sep 21 06:00:46 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

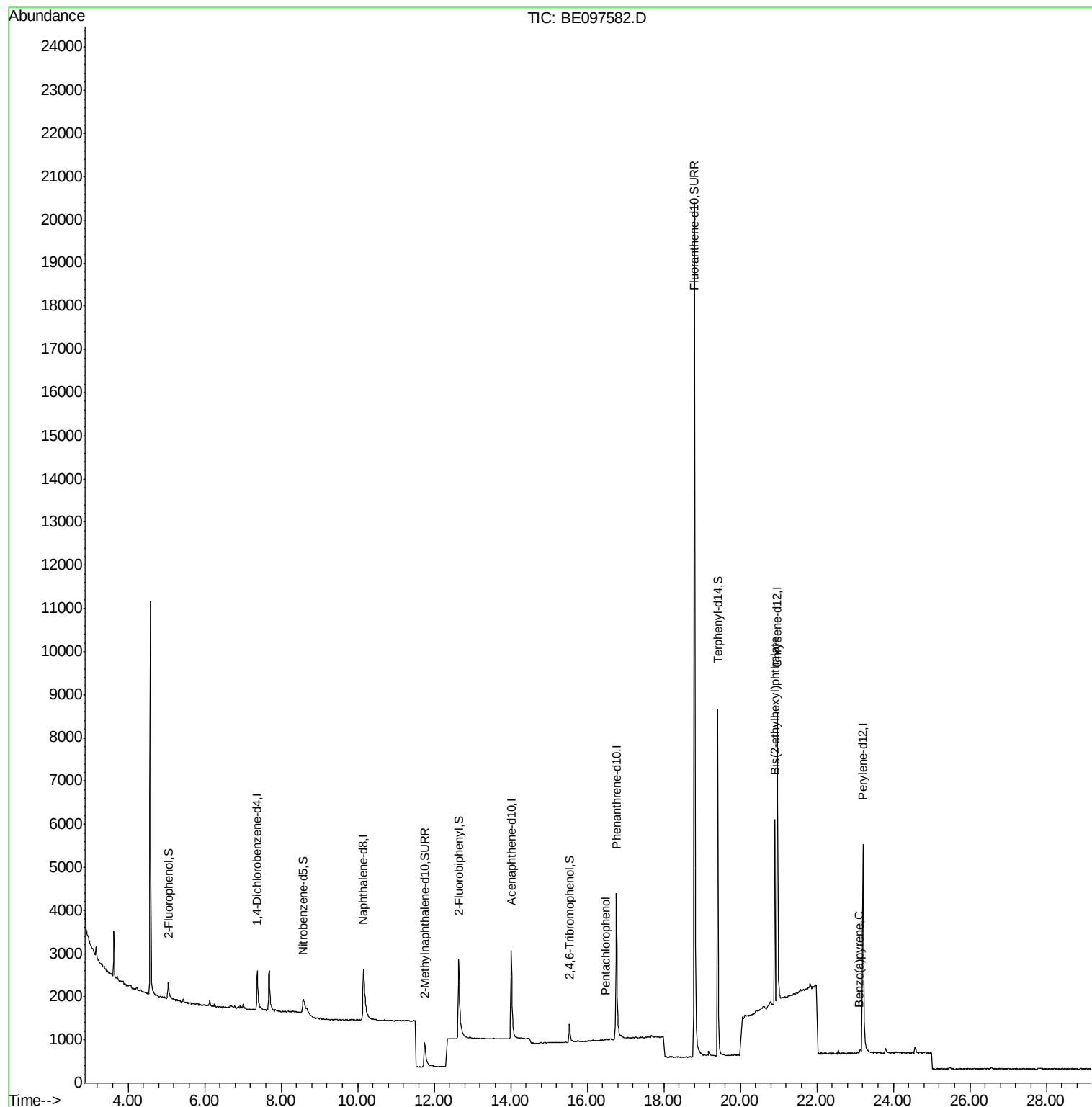
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	634	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2894	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1875	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6420	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8052	0.40	ng	0.00
34) Perylene-d12	23.21	264	7880	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	341	0.18	ng	0.00
5) Phenol-d6	6.55	99	2	0.00	ng	-0.05
8) Nitrobenzene-d5	8.58	82	681	0.30	ng	0.05
11) 2-Methylnaphthalene-d10	11.75	152	1643	0.41	ng	0.04
14) 2,4,6-Tribromophenol	15.53	330	366	0.49	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	3130	0.47	ng	0.02
25) Fluoranthene-d10	18.80	212	33893	0.41	ng	0.00
29) Terphenyl-d14	19.41	244	7934	0.54	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.47	266	1	0.130	ng	Qvalue 91
32) Bis(2-ethylhexyl)phthalate	20.91	149	5740	0.179	ng	# 100
37) Benzo(a)pyrene	23.11	252	4	0.021	ng	# 1

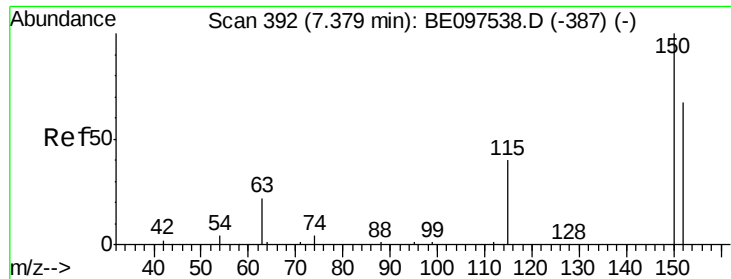
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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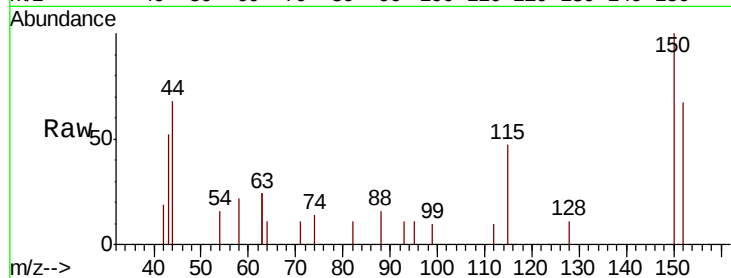




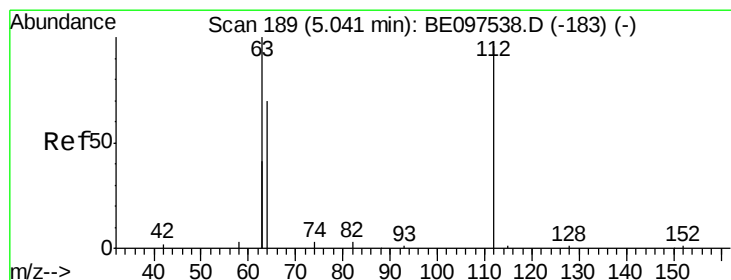
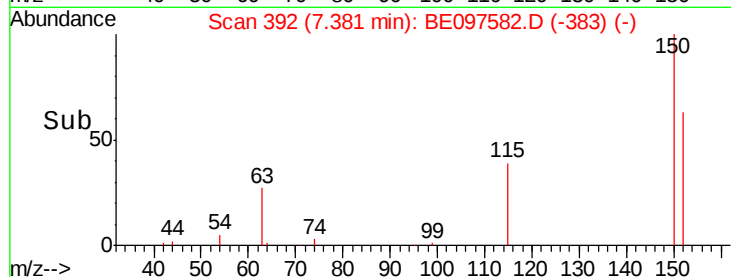
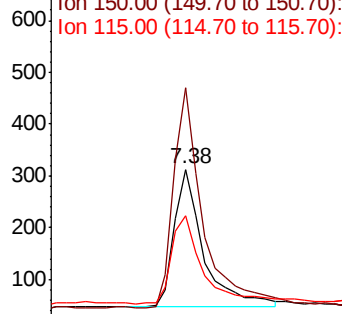
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.38 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BE097582.D
 Acq: 20 Sep 2018 20:15

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307S-20180913

Tgt Ion:152 Resp: 634
 Ion Ratio Lower Upper
 152 100
 150 150.2 117.2 175.8
 115 71.2 57.0 85.6

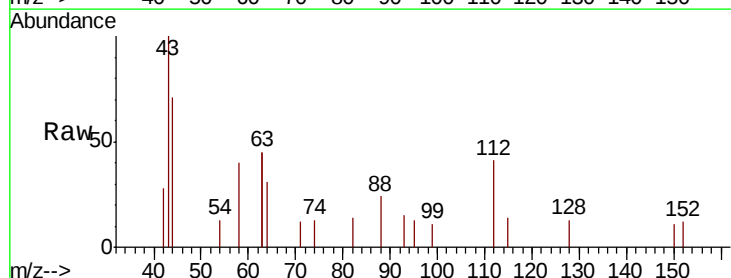


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

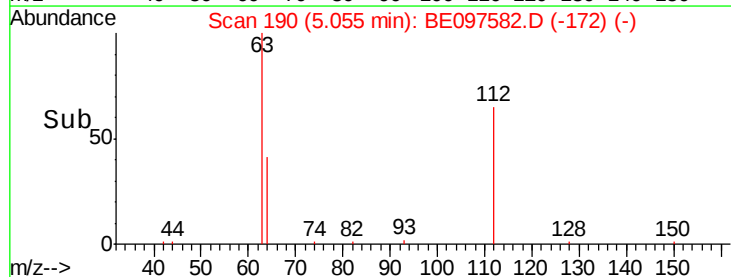
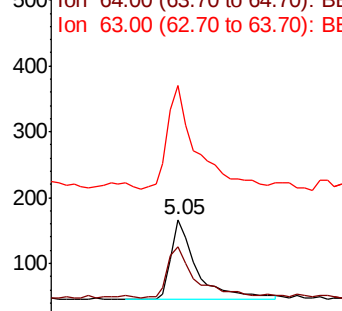


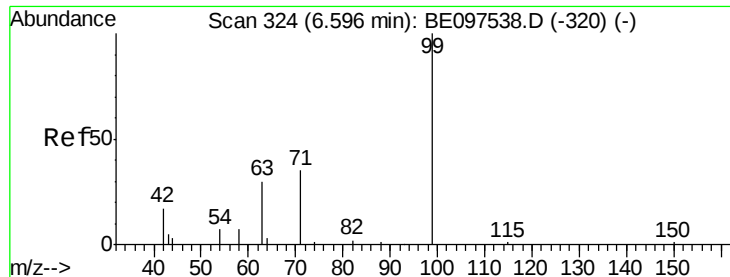
#4
 2-Fluorophenol
 Concen: 0.179 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097582.D
 Acq: 20 Sep 2018 20:15

Tgt Ion:112 Resp: 341
 Ion Ratio Lower Upper
 112 100
 64 66.3 60.1 90.1
 63 146.6 116.8 175.2



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: 6.55 min Scan# 320

Delta R.T. -0.05 min

Lab File: BE097582.D

Acq: 20 Sep 2018 20:15

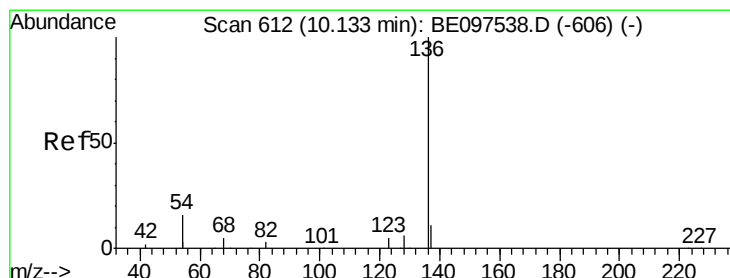
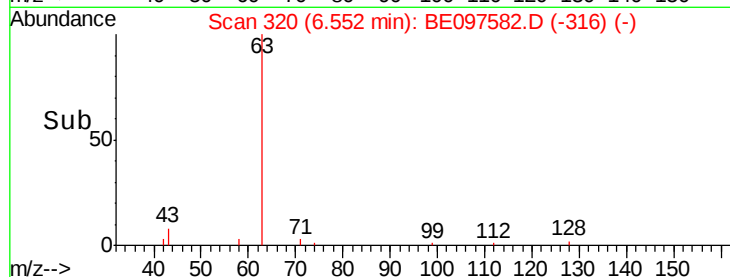
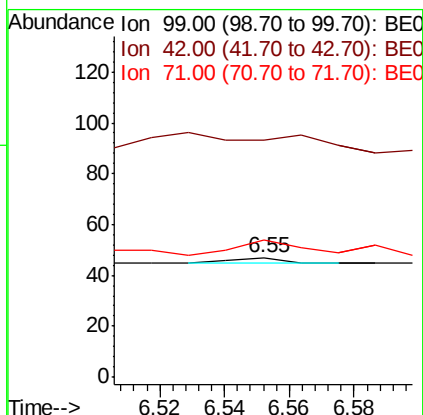
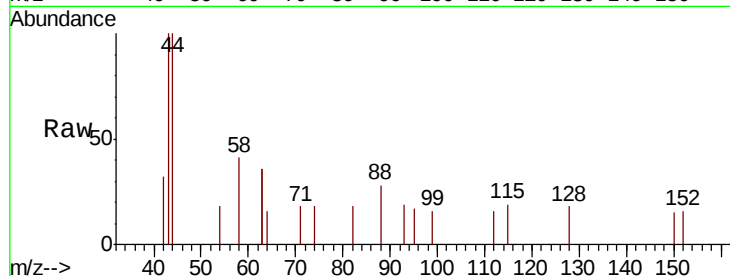
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20180913

Tgt Ion:	99	Resp:	2
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	400.0	28.4	42.6#



#7

Naphthalene-d8

Concen: 0.400 ng

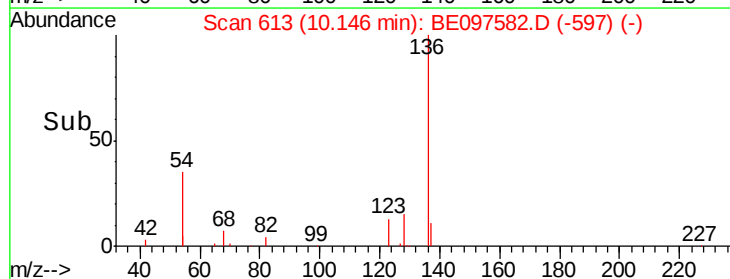
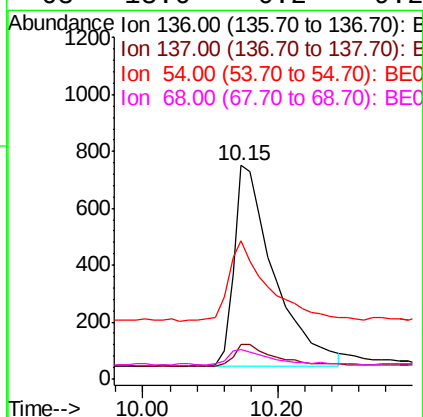
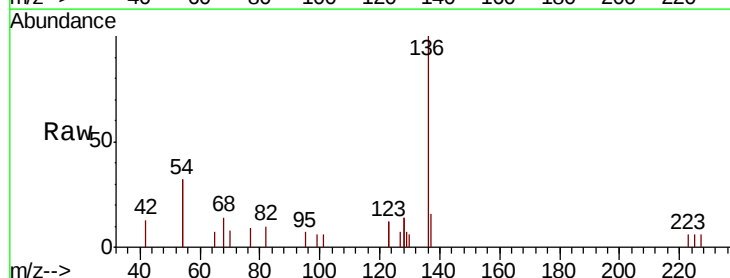
RT: 10.15 min Scan# 613

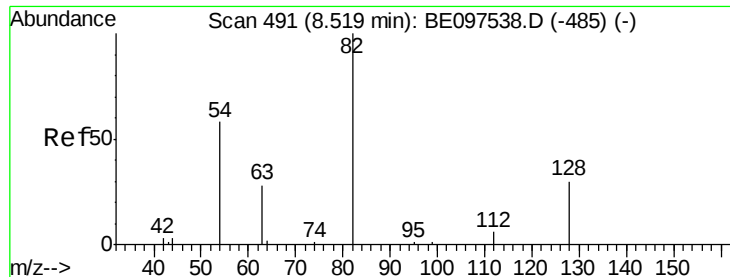
Delta R.T. 0.01 min

Lab File: BE097582.D

Acq: 20 Sep 2018 20:15

Tgt Ion:	136	Resp:	2894
Ion	Ratio	Lower	Upper
136	100		
137	16.0	9.5	14.3#
54	65.0	29.1	43.7#
68	13.6	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.305 ng

RT: 8.58 min Scan# 496

Delta R.T. 0.05 min

Lab File: BE097582.D

Acq: 20 Sep 2018 20:15

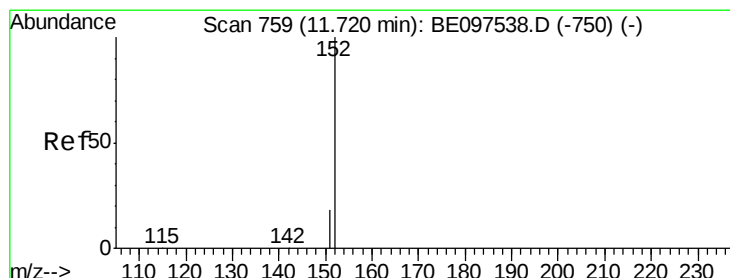
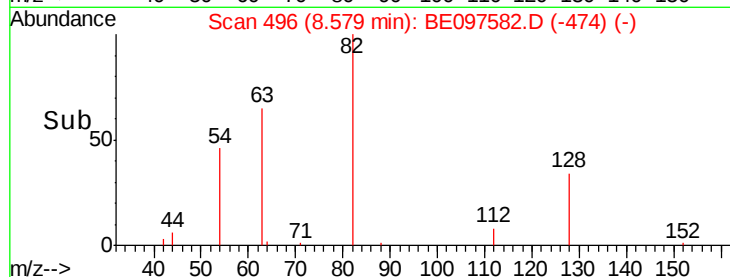
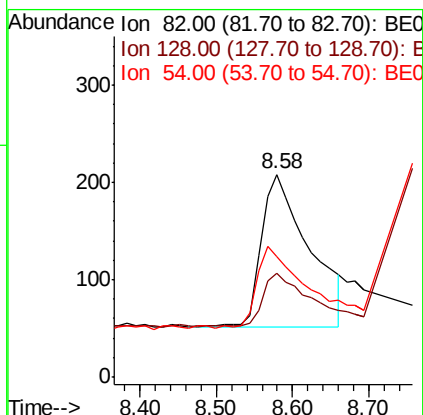
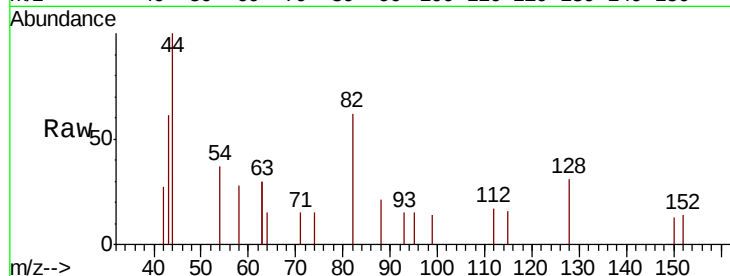
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20180913

Tgt Ion:	82	Resp:	681
Ion	Ratio	Lower	Upper
82	100		
128	51.0	24.0	36.0#
54	59.6	40.0	60.0



#11

2-Methylnaphthalene-d10

Concen: 0.412 ng

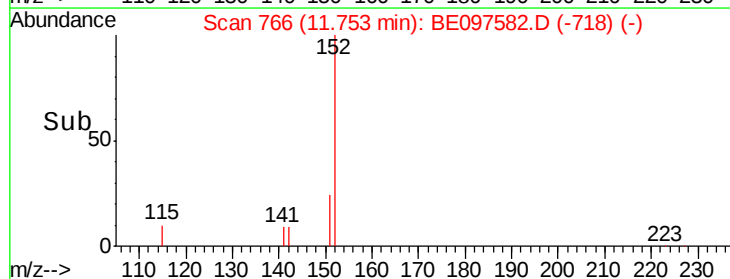
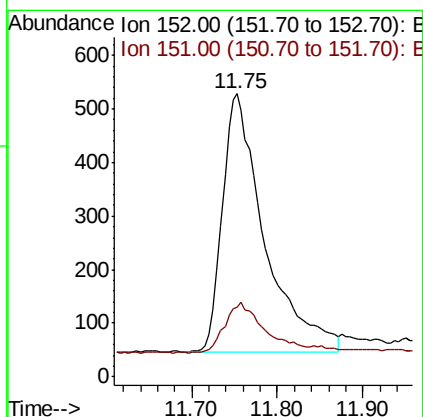
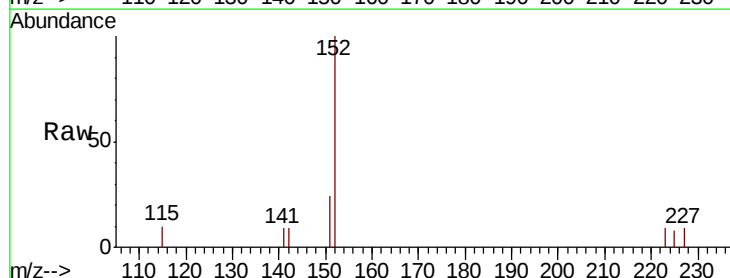
RT: 11.75 min Scan# 766

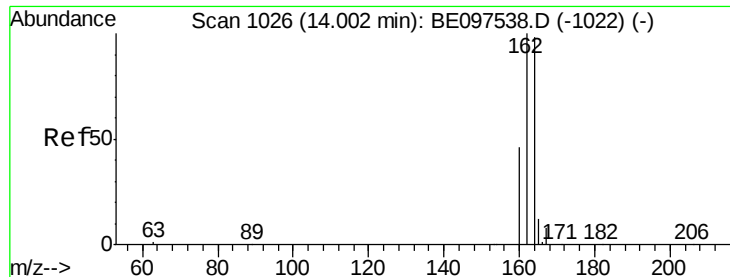
Delta R.T. 0.04 min

Lab File: BE097582.D

Acq: 20 Sep 2018 20:15

Tgt Ion:	152	Resp:	1643
Ion	Ratio	Lower	Upper
152	100		
151	18.6	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: BE097582.D

Acq: 20 Sep 2018 20:15

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20180913

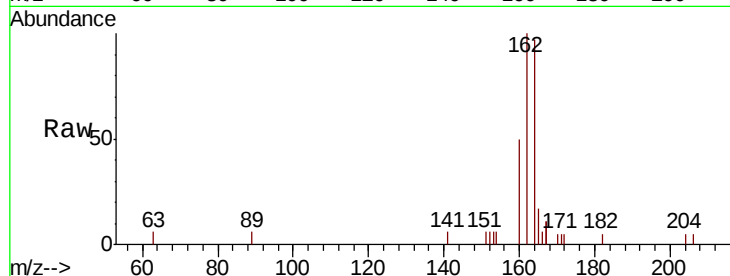
Tgt Ion:164 Resp: 1875

Ion Ratio Lower Upper

164 100

162 103.3 83.1 124.7

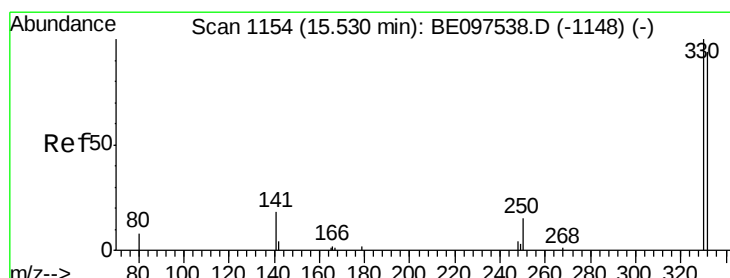
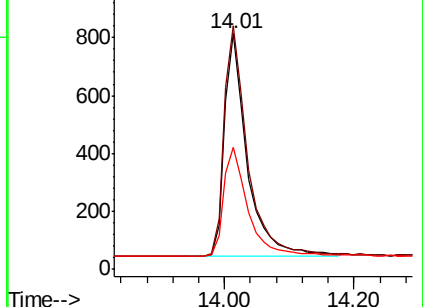
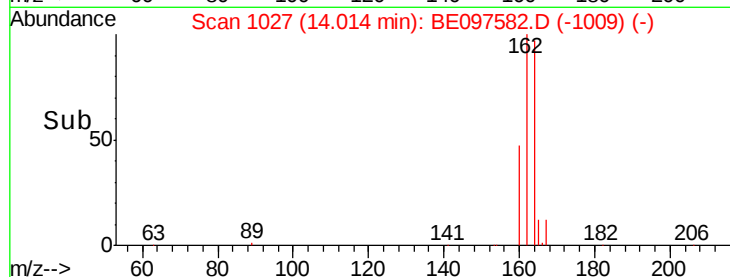
160 51.8 37.1 55.7



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: 0.491 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE097582.D

Acq: 20 Sep 2018 20:15

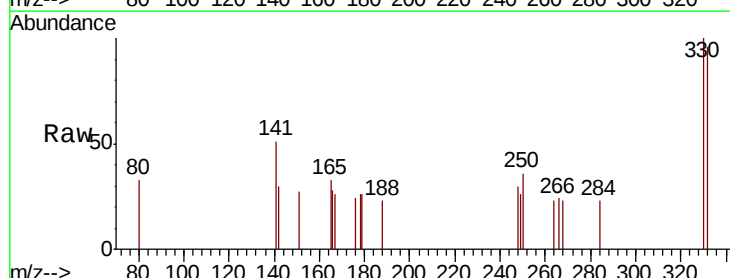
Tgt Ion:330 Resp: 366

Ion Ratio Lower Upper

330 100

332 97.3 152.7 229.1#

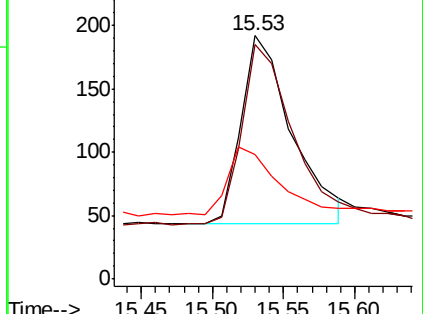
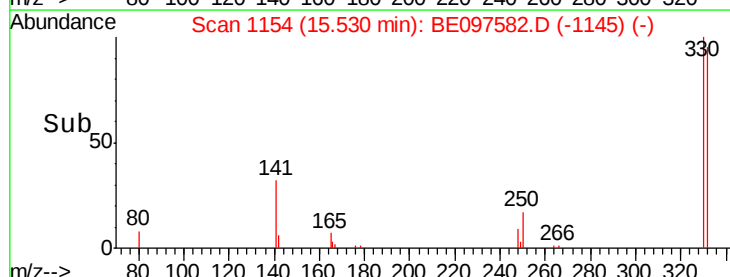
141 35.8 33.7 50.5

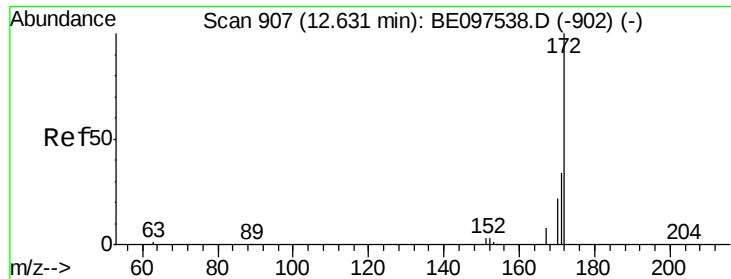


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

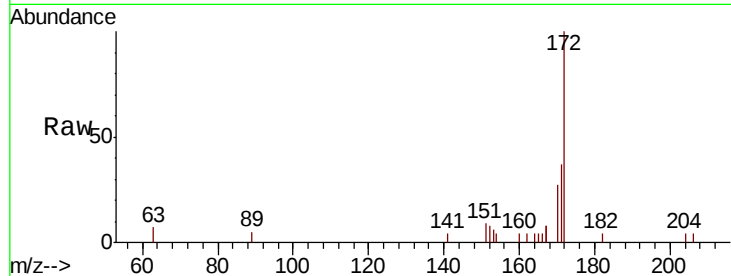




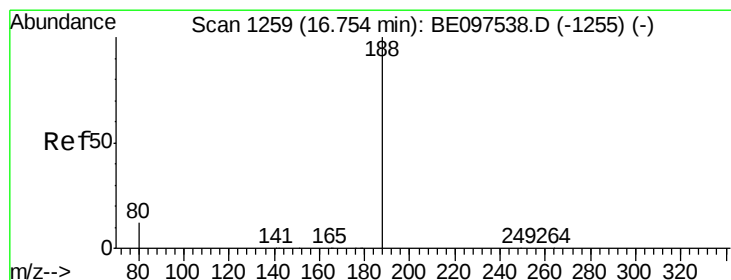
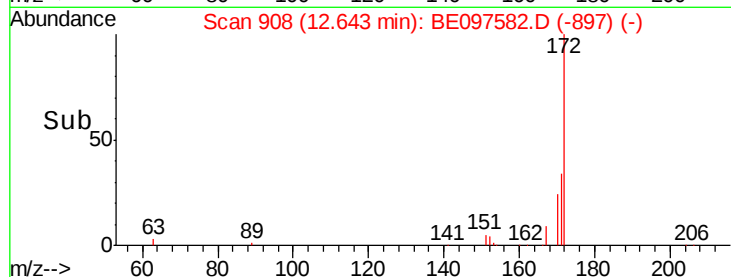
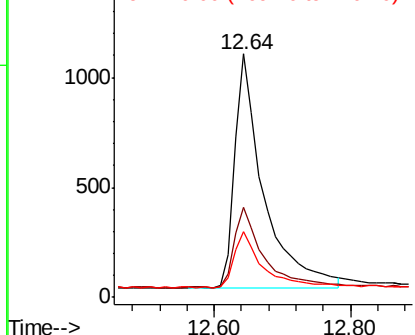
#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.02 min
Lab File: BE097582.D
Acq: 20 Sep 2018 20:15

Instrument :
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ClientSampleId :
BPS1-TT-MW307S-20180913

Tgt Ion:172 Resp: 3130
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 27.3 21.8 32.8

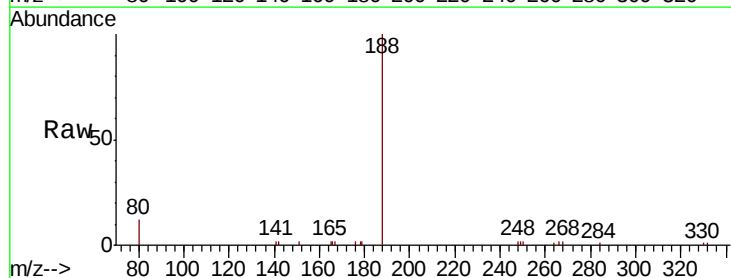


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

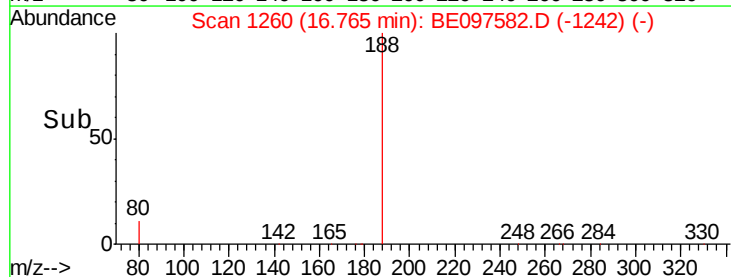
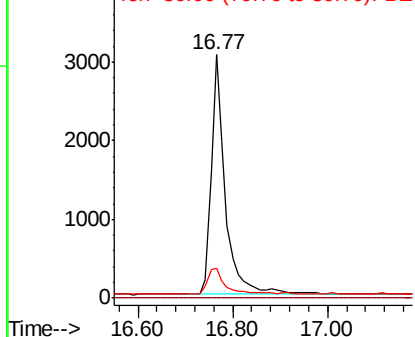


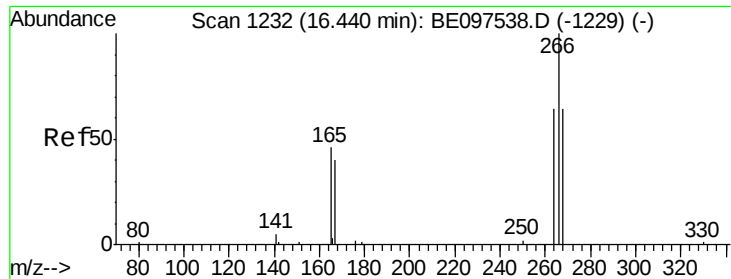
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097582.D
Acq: 20 Sep 2018 20:15

Tgt Ion:188 Resp: 6420
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.2 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



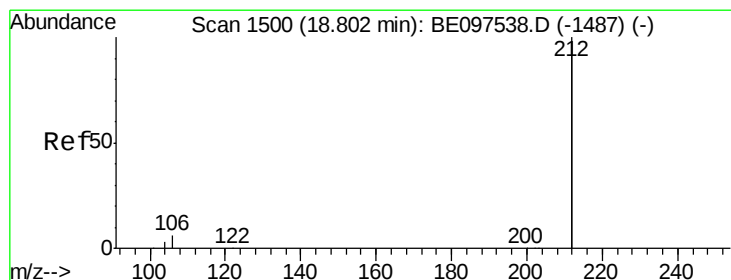
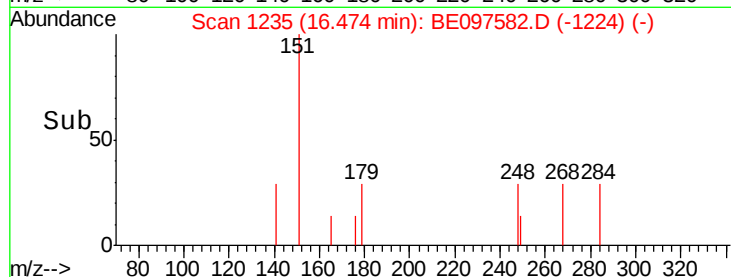
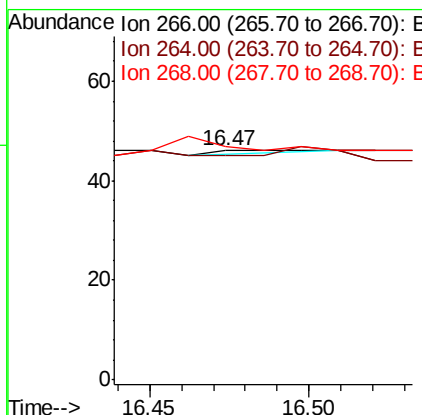
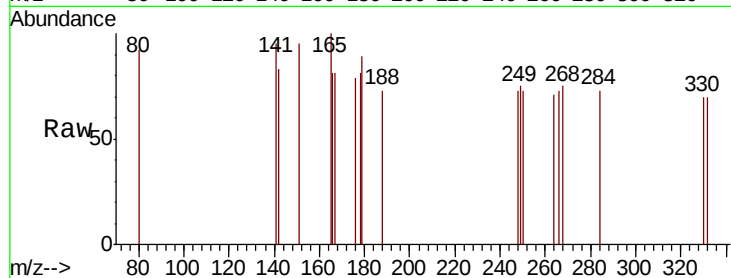


#22
 Pentachlorophenol
 Concen: 0.130 ng
 RT: 16.47 min Scan# 1235
 Delta R.T. 0.03 min
 Lab File: BE097582.D
 Acq: 20 Sep 2018 20:15

Instrument :
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Tgt Ion: 266 Resp: 1

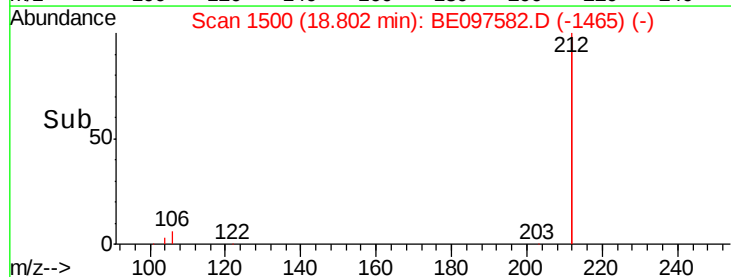
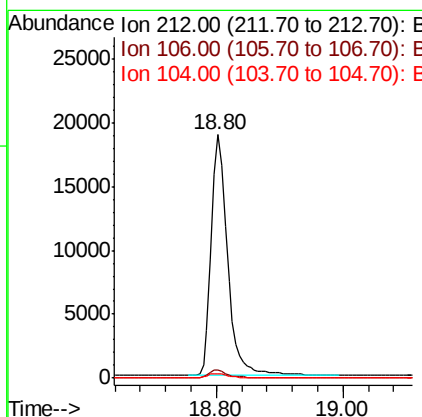
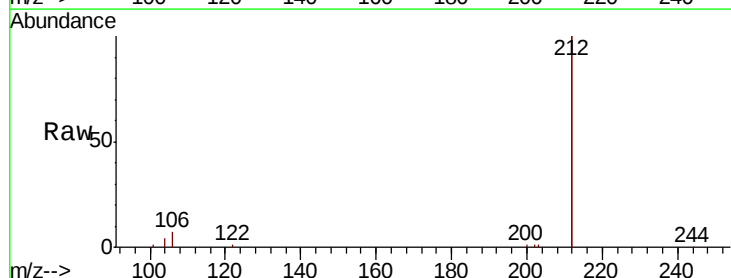
Ion	Ratio	Lower	Upper
266	100		
264	97.8	72.5	108.7
268	102.2	73.8	110.6

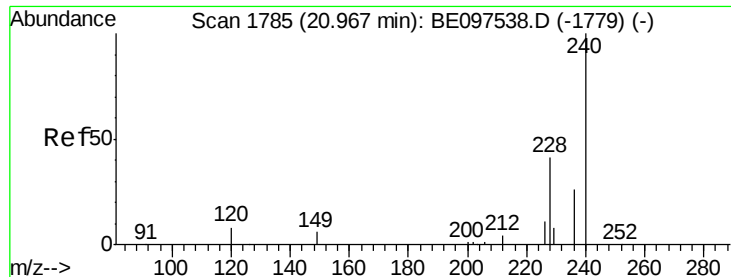


#25
 Fluoranthene-d10
 Concen: 0.412 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BE097582.D
 Acq: 20 Sep 2018 20:15

Tgt Ion: 212 Resp: 33893

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: BE097582.D

Acq: 20 Sep 2018 20:15

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20180913

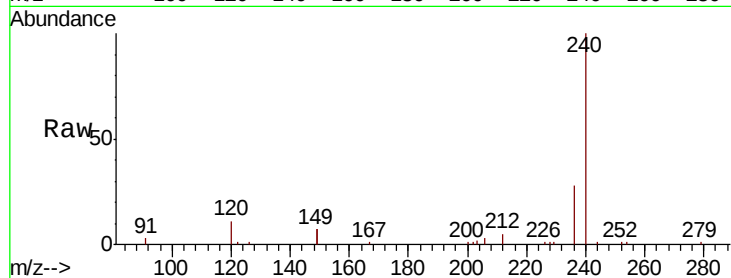
Tgt Ion:240 Resp: 8052

Ion Ratio Lower Upper

240 100

120 11.3 5.5 8.3#

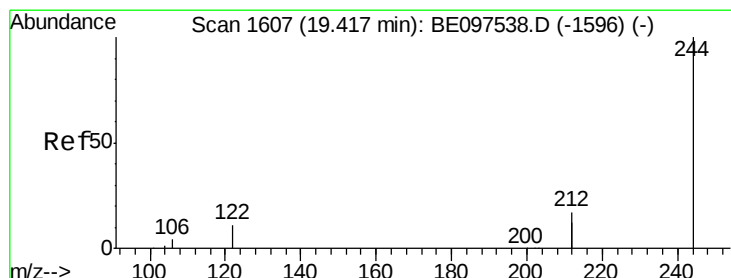
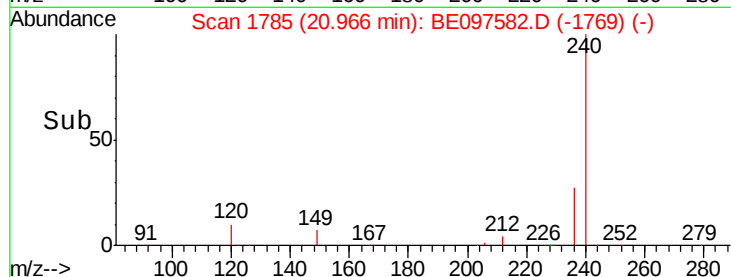
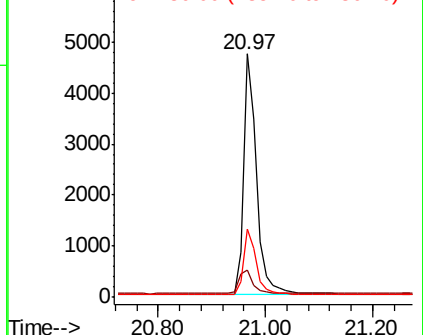
236 27.9 20.7 31.1



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: 0.538 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097582.D

Acq: 20 Sep 2018 20:15

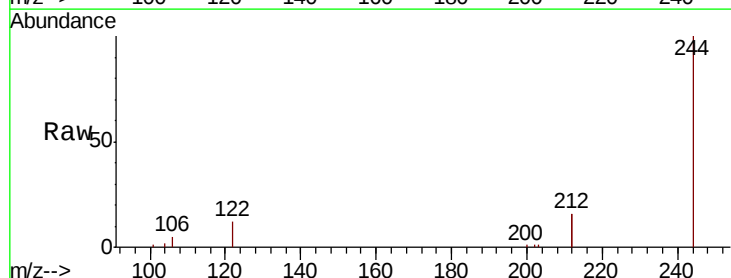
Tgt Ion:244 Resp: 7934

Ion Ratio Lower Upper

244 100

212 32.6 25.4 38.0

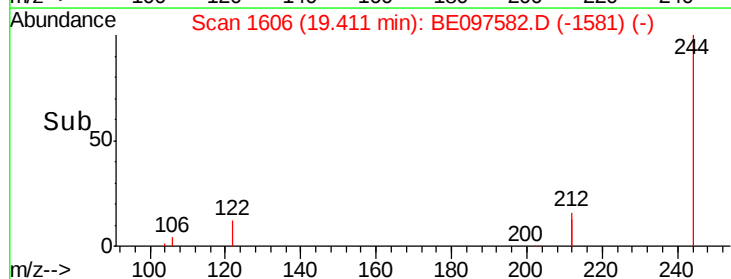
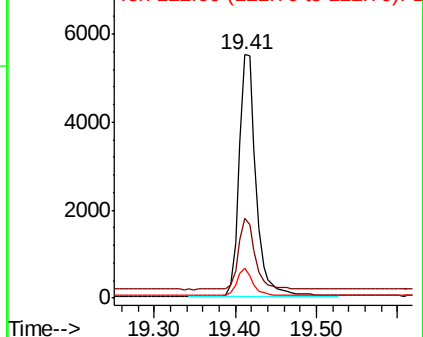
122 12.5 8.1 12.1#

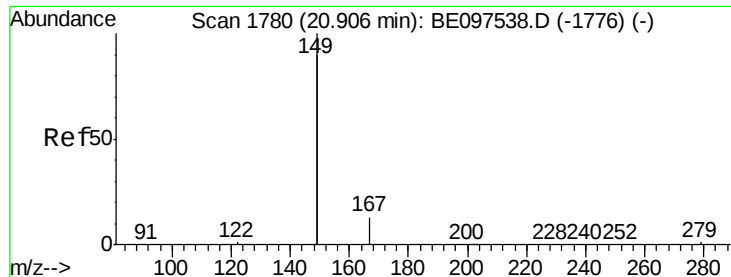


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

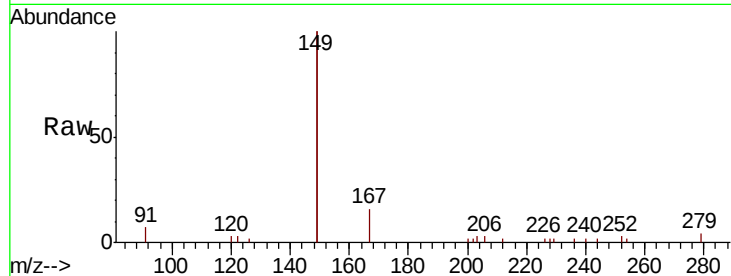




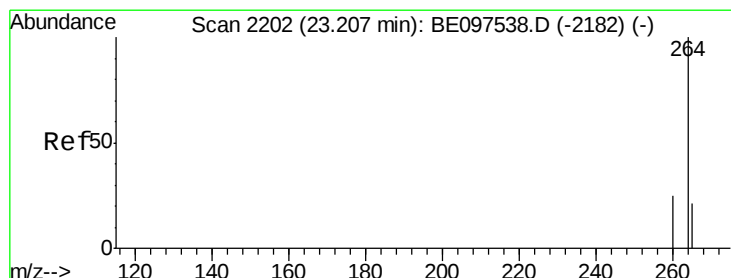
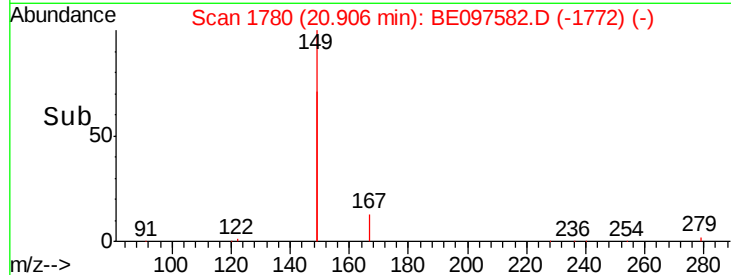
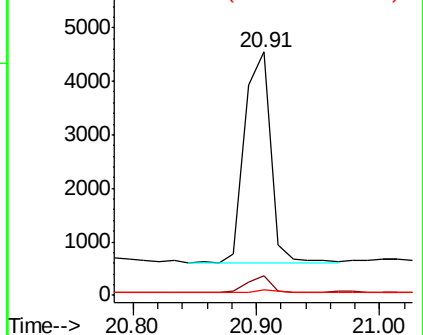
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.179 ng
 RT: 20.91 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BE097582.D
 Acq: 20 Sep 2018 20:15

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307S-20180913

Tgt Ion:149 Resp: 5740
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.1 0.7 1.1#

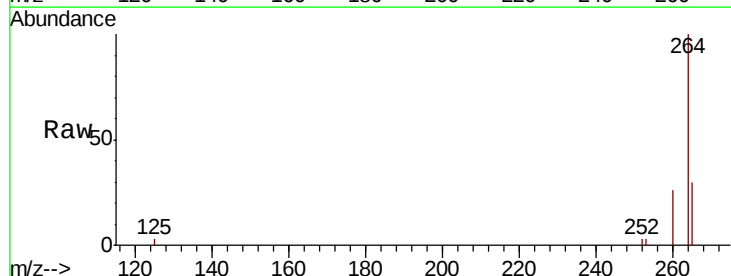


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

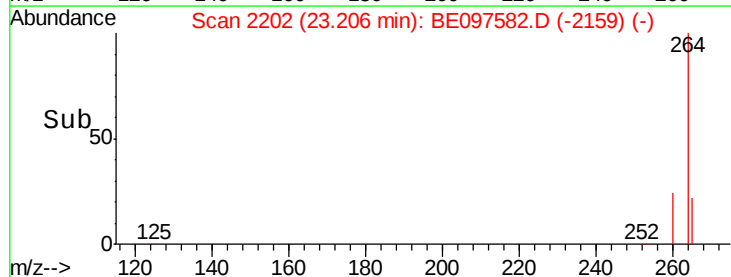
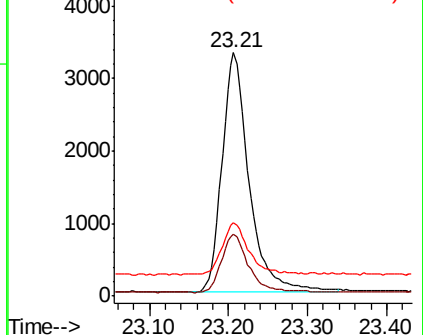


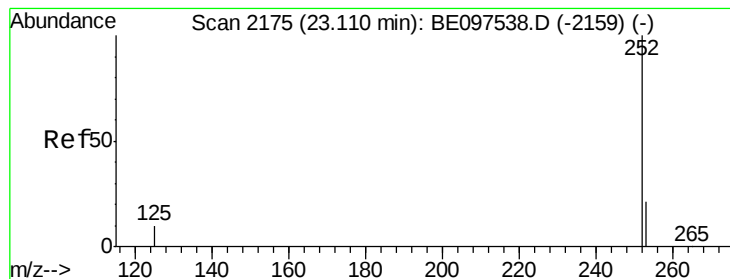
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097582.D
 Acq: 20 Sep 2018 20:15

Tgt Ion:264 Resp: 7880
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 30.0 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: 23.11 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE097582.D

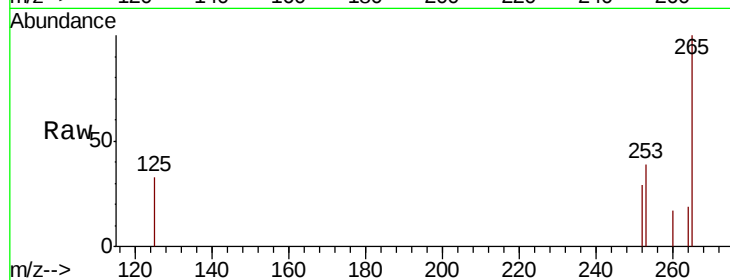
Acq: 20 Sep 2018 20:15

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20180913



Tgt Ion:	252	Resp:	4
Ion	Ratio	Lower	Upper
252	100		
253	135.3	16.0	24.0#
125	112.9	12.0	18.0#

