

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097558.D
 Acq On : 20 Sep 2018 2:13
 Operator : SJ/JU
 Sample : J4958-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW309S-20180915

Manual Integrations
 APPROVED

Sohil
 9/20/2018 3:34:45 PM

Quant Time: Sep 20 06:46:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 16:26:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	791	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3762	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2295	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7084	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9811	0.40	ng	0.00
34) Perylene-d12	23.20	264	9697	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	423	0.18	ng	0.01
5) Phenol-d6	6.61	99	305m	0.10	ng	0.01
8) Nitrobenzene-d5	8.53	82	1234	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	11.71	152	2155	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	475	0.51	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5906	0.73	ng	-0.01
25) Fluoranthene-d10	18.80	212	38579	0.43	ng	0.00
29) Terphenyl-d14	19.41	244	9678	0.54	ng	0.00

Target Compounds						Qvalue
9) Naphthalene	10.17	128	928	0.027	ng	# 78
12) 2-Methylnaphthalene	11.79	142	195	0.037	ng	# 81
23) Phenanthrene	16.80	178	376	0.022	ng	# 78
26) Fluoranthene	18.83	202	575	0.025	ng	# 89
28) Pyrene	19.19	202	584	0.026	ng	# 91
30) Benzo(a)anthracene	20.95	228	730	0.030	ng	# 54
31) Chrysene	21.00	228	674	0.025	ng	# 58
32) Bis(2-ethylhexyl)phthalate	20.91	149	8584	0.217	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.49	276	657	0.021	ng	95

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

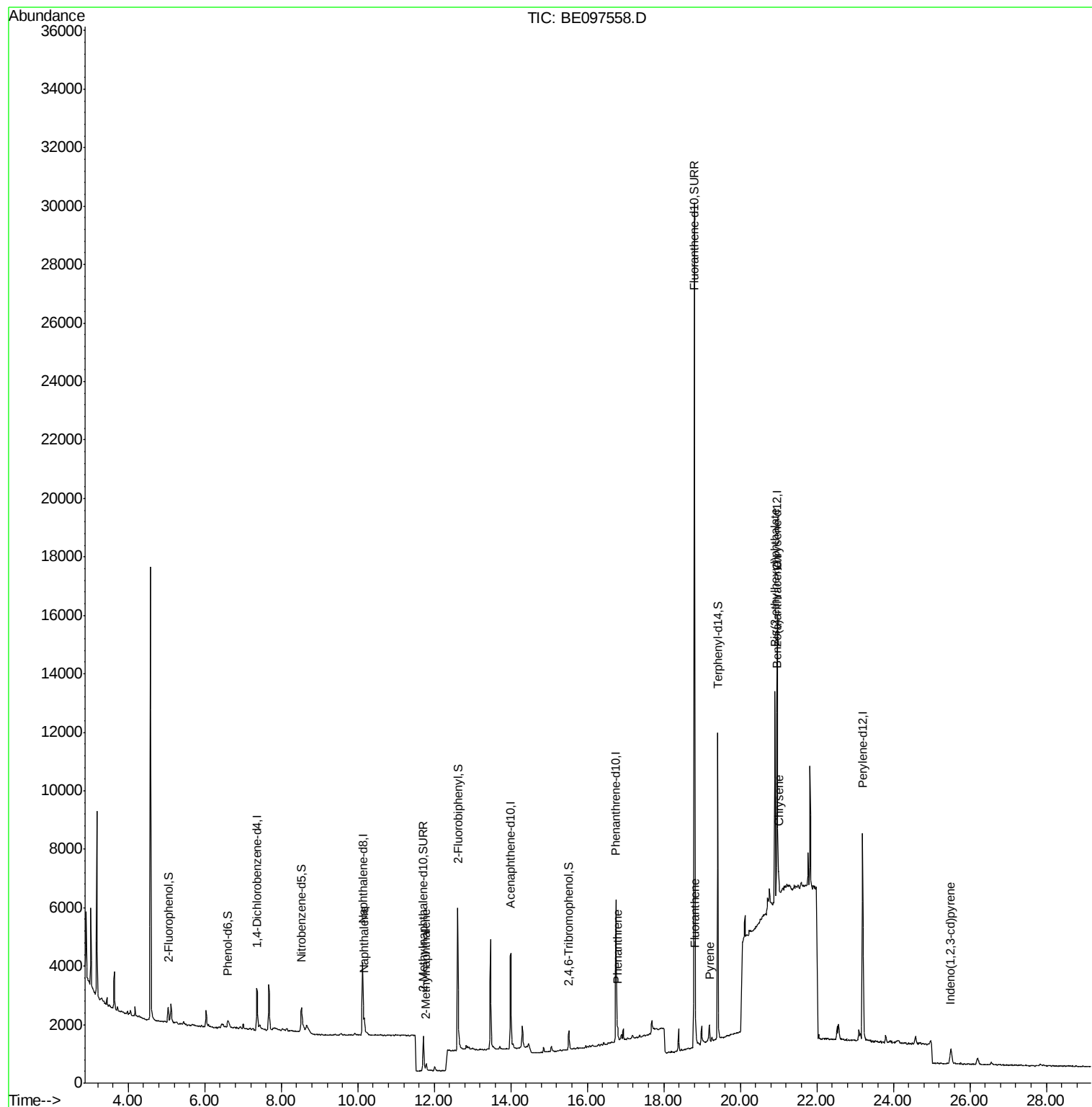
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
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#1

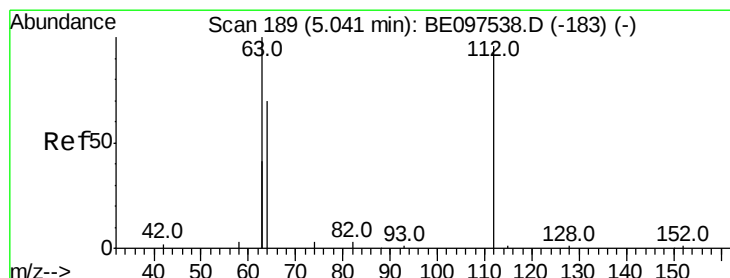
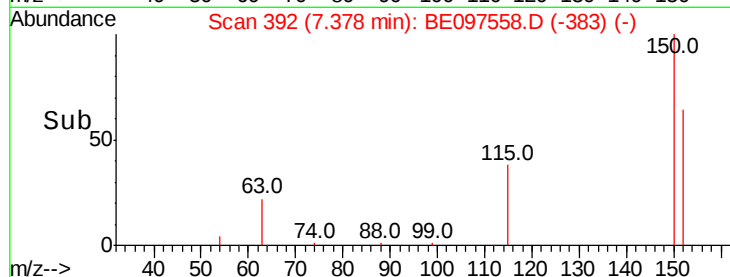
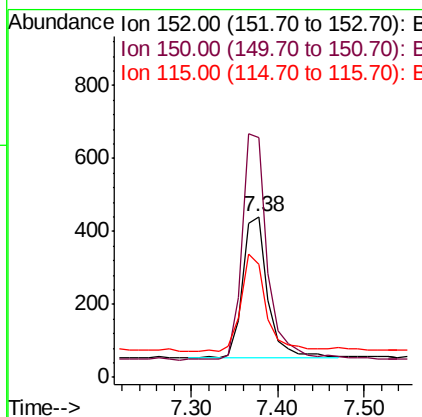
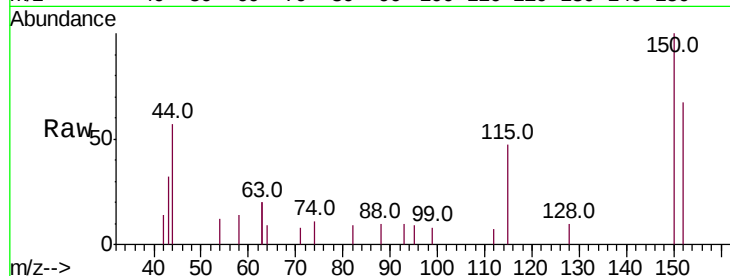
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097558.D
Acq: 20 Sep 2018 2:13

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW309S-20180915

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	117.2	175.8
115	70.3	57.0	85.6

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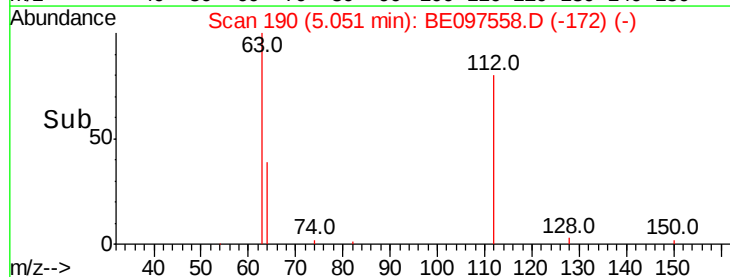
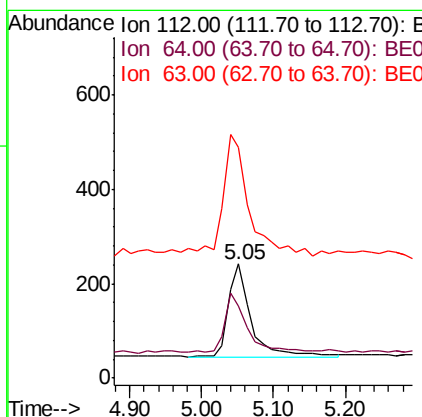
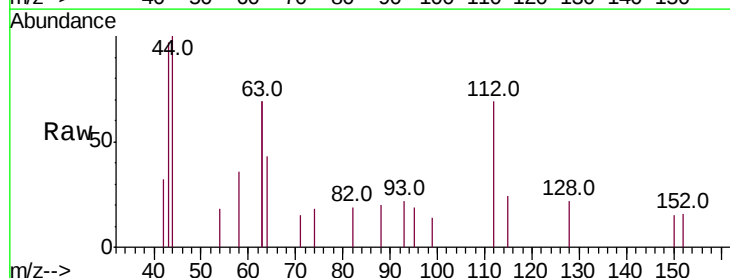
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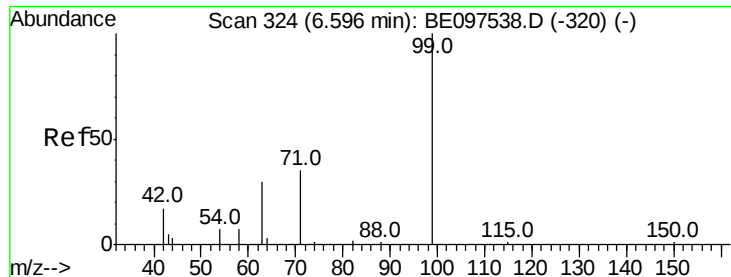


#4

2-Fluorophenol
Concen: 0.178 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.01 min
Lab File: BE097558.D
Acq: 20 Sep 2018 2:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	60.1	90.1
63	155.3	116.8	175.2





#5

Phenol-d6

Concen: 0.101 ng/ml

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097558.D

Acq: 20 Sep 2018 2:13

Instrument :

BNA_E

ClientSampleId :

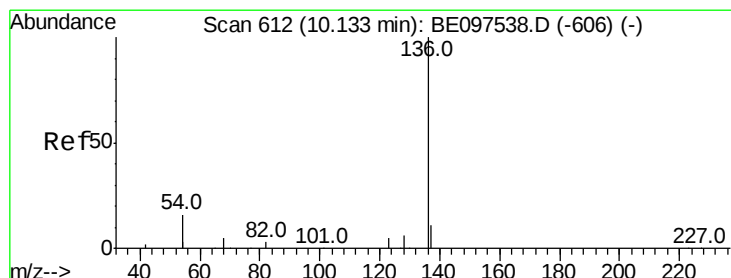
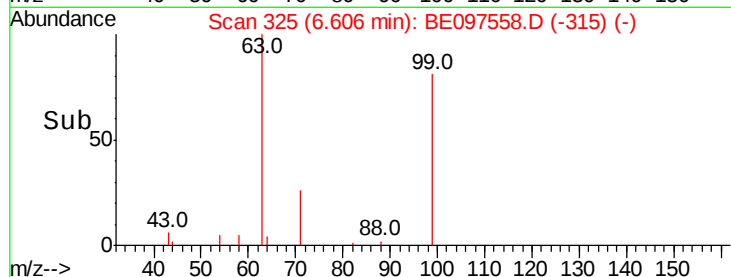
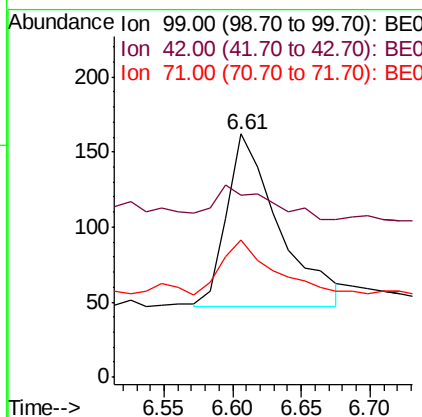
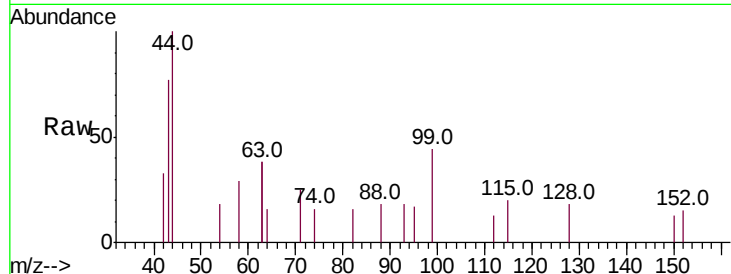
BPSI-TT-MW309S-20180915

Tot Ion:	99	Resp:	305
Ion	Ratio	Lower	Upper
99	100		
42	12.8	20.2	30.2#
71	29.2	28.4	42.6

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#7

Naphthalene-d8

Concen: 0.400 ng/ml

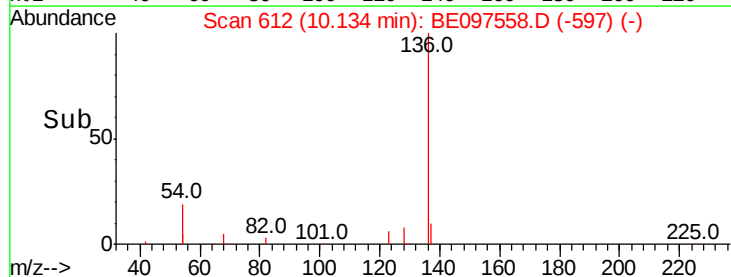
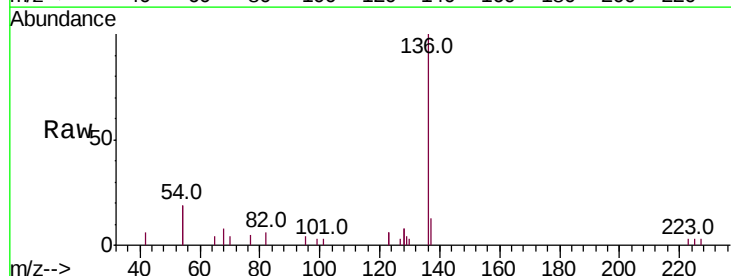
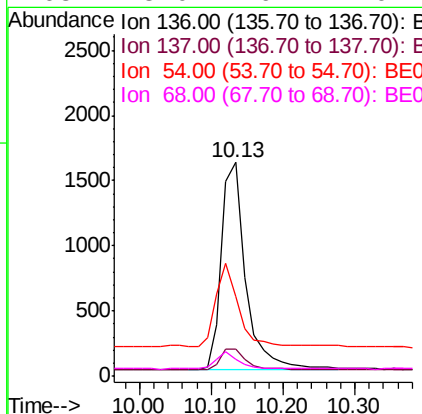
RT: 10.13 min Scan# 612

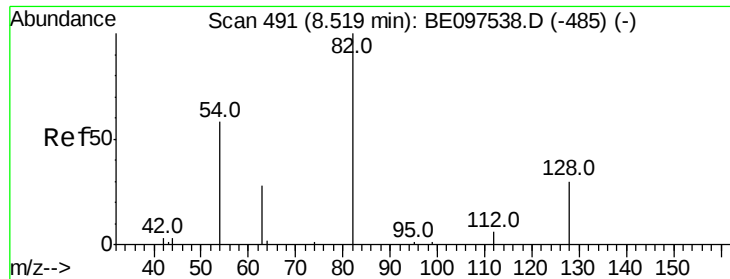
Delta R.T. 0.00 min

Lab File: BE097558.D

Acq: 20 Sep 2018 2:13

Tgt Ion:	136	Resp:	3762
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	37.2	29.1	43.7
68	8.0	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.425 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097558.D

Acq: 20 Sep 2018 2:13

Instrument :

BNA_E

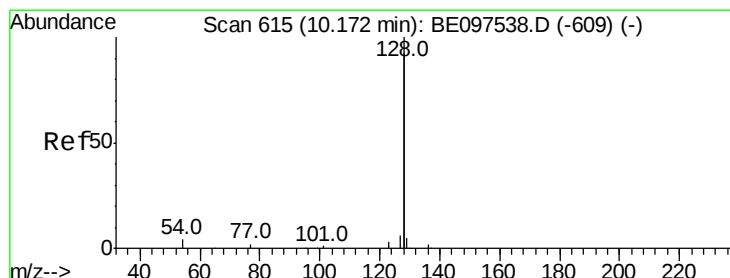
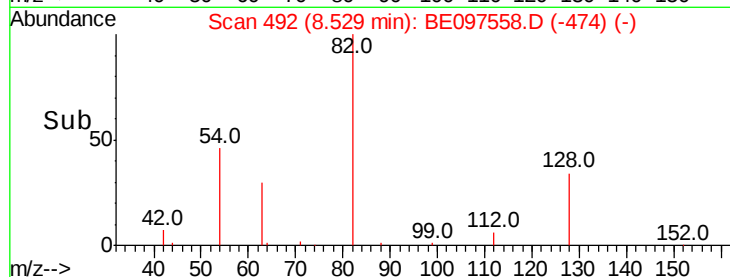
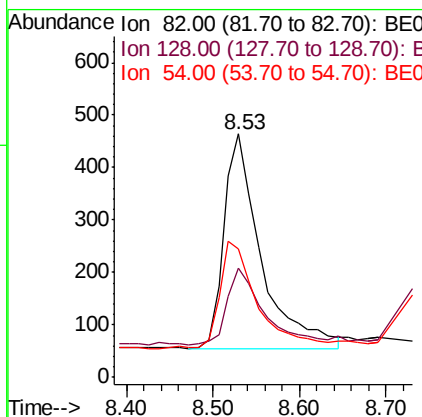
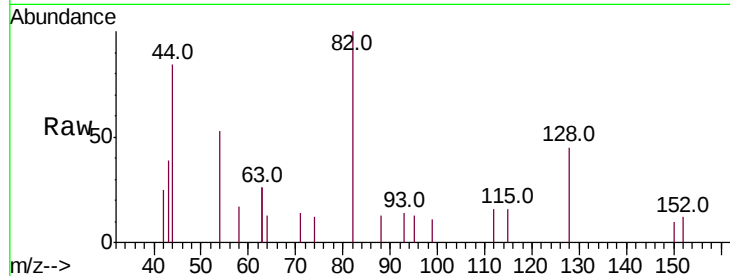
ClientSampleId :

BPSI-TT-MW309S-20180915

Tot Ion:	82	Resp:	1234
Ion Ratio	Lower	Upper	
82	100		
128	45.0	24.0	36.0#
54	52.6	40.0	60.0

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#9

Naphthalene

Concen: 0.027 ng

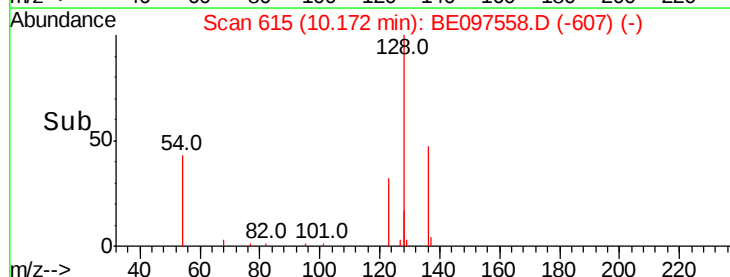
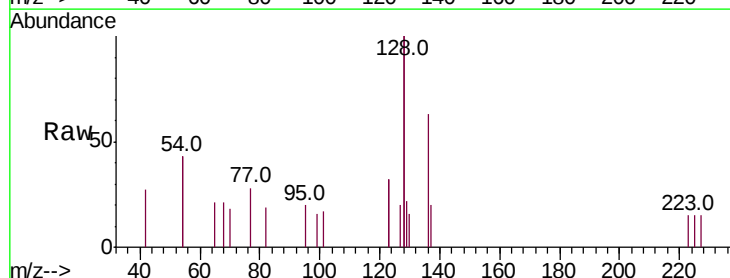
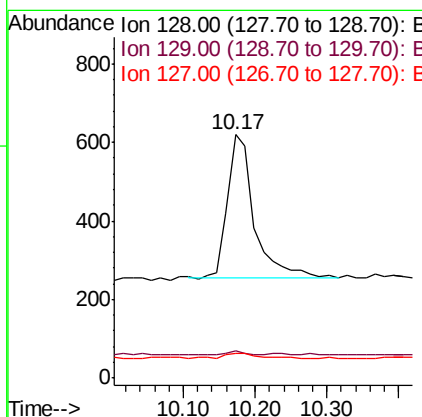
RT: 10.17 min Scan# 615

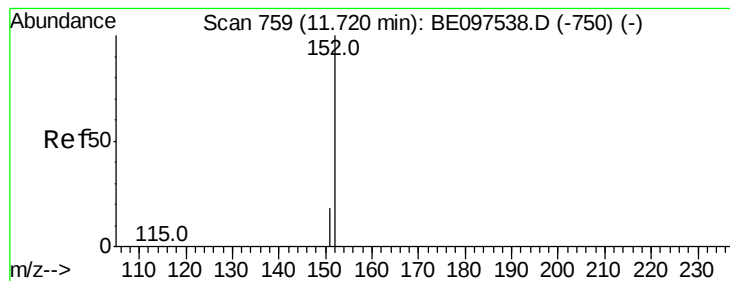
Delta R.T. 0.00 min

Lab File: BE097558.D

Acq: 20 Sep 2018 2:13

Tgt Ion:	128	Resp:	928
Ion Ratio	Lower	Upper	
128	100		
129	11.1	2.6	3.8#
127	10.0	2.8	4.2#





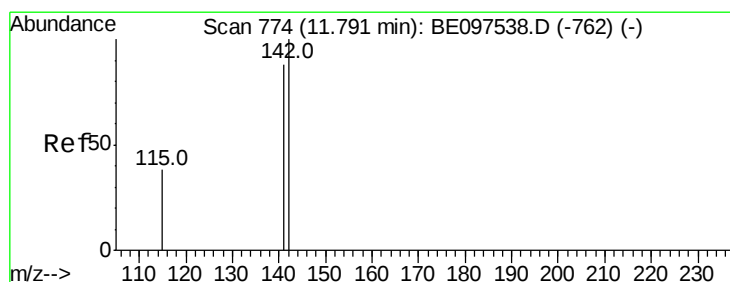
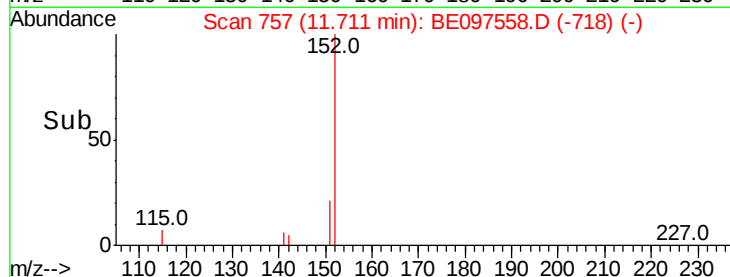
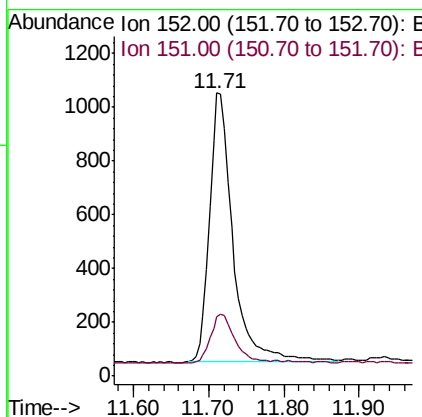
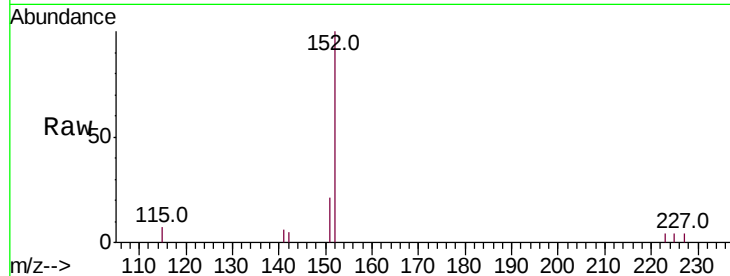
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 11.71 min Scan# 757
Delta R.T. -0.01 min
Lab File: BE097558.D
Acq: 20 Sep 2018 2:13

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW309S-20180915

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0

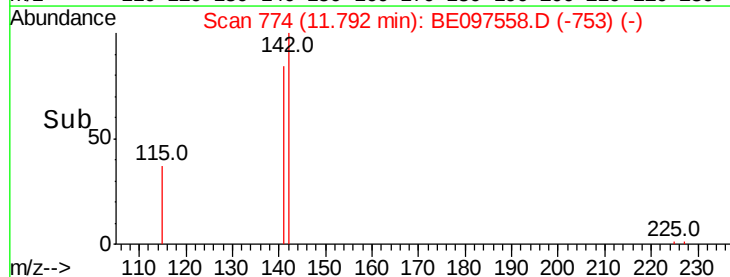
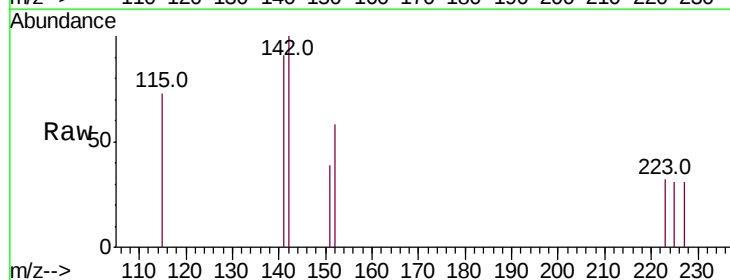
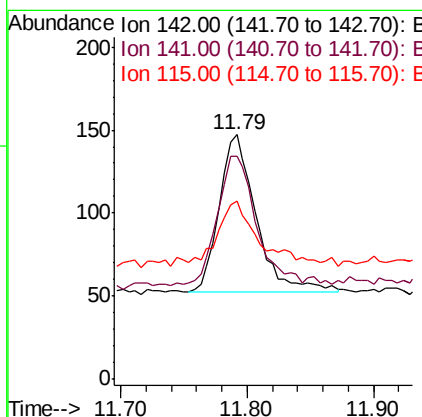
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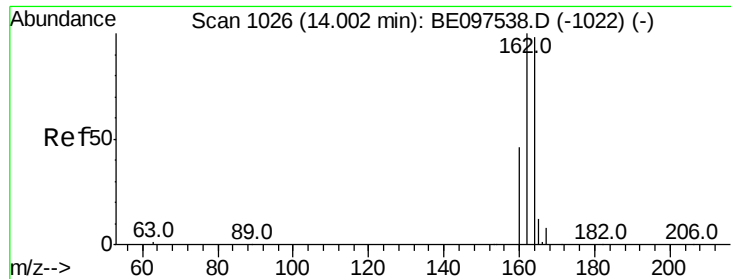
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#12
2-Methylnaphthalene
Concen: 0.037 ng
RT: 11.79 min Scan# 774
Delta R.T. 0.00 min
Lab File: BE097558.D
Acq: 20 Sep 2018 2:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.4	105.6
115	72.8	31.7	47.5#





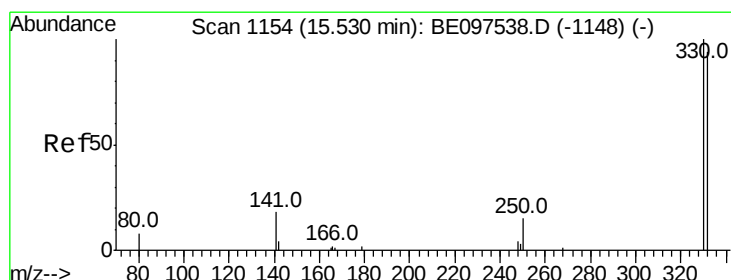
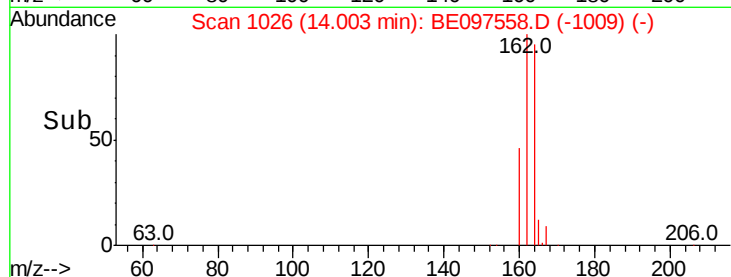
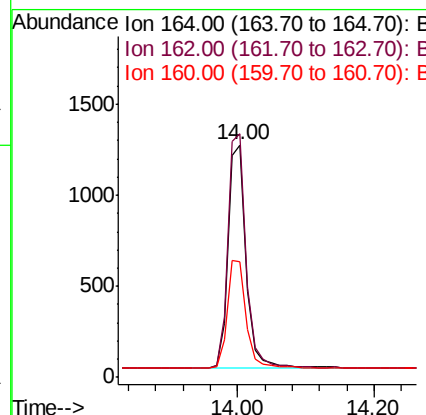
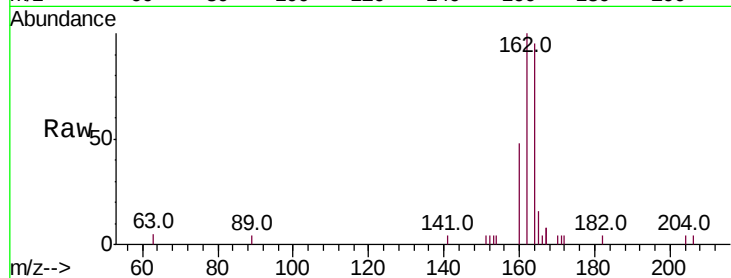
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE097558.D
 Acq: 20 Sep 2018 2:13

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW309S-20180915

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.1	124.7
160	50.0	37.1	55.7

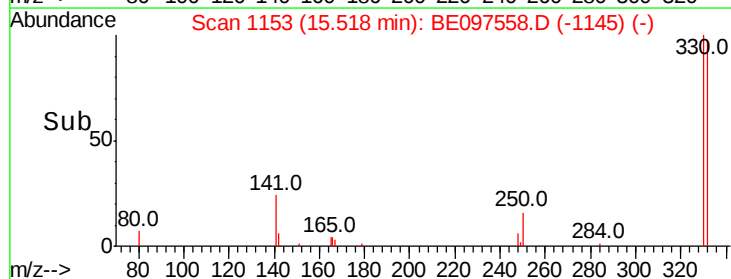
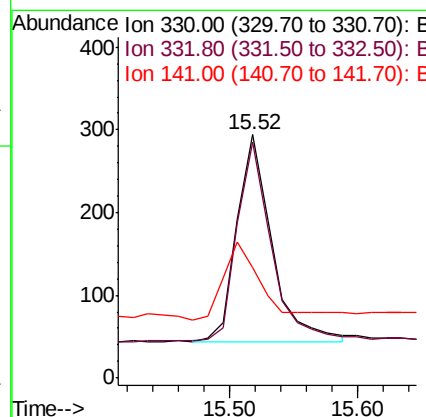
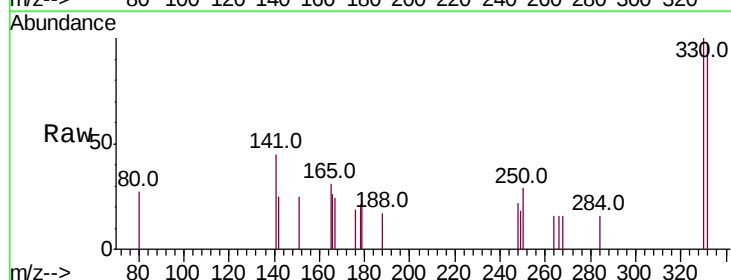
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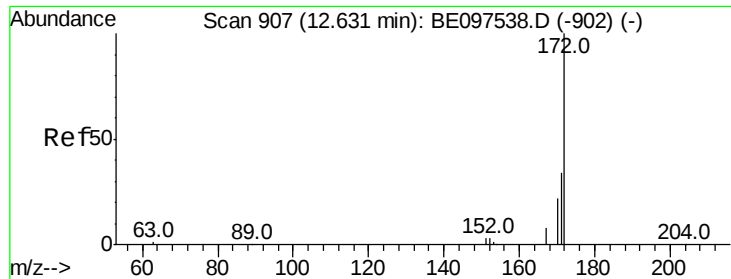
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#14
 2,4,6-Tribromophenol
 Concen: 0.515 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BE097558.D
 Acq: 20 Sep 2018 2:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.3	152.7	229.1#
141	39.8	33.7	50.5





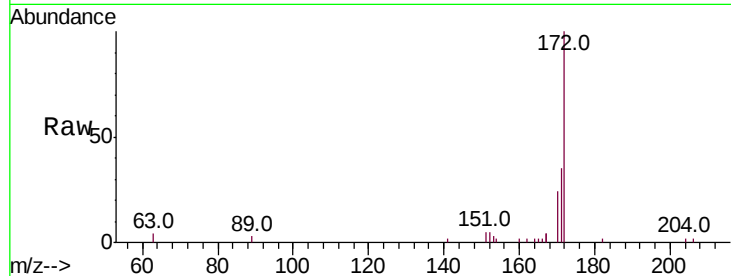
#15
2-Fluorobiphenyl
Concen: 0.728 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097558.D
Acq: 20 Sep 2018 2:13

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW309S-20180915

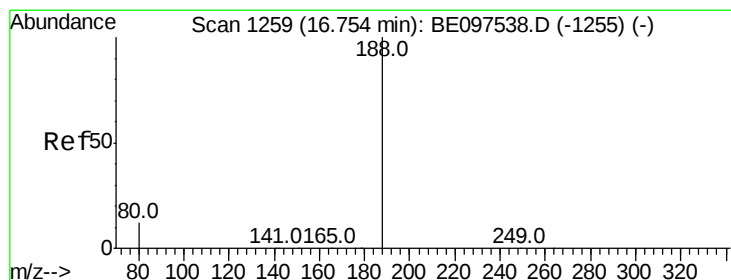
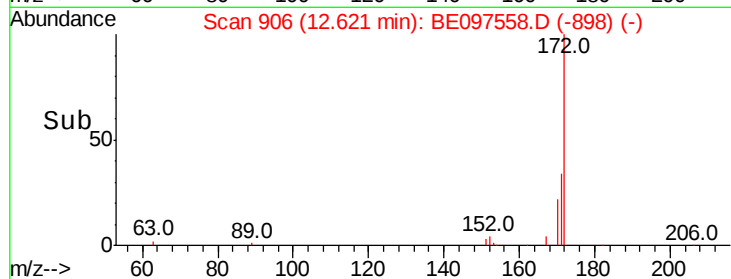
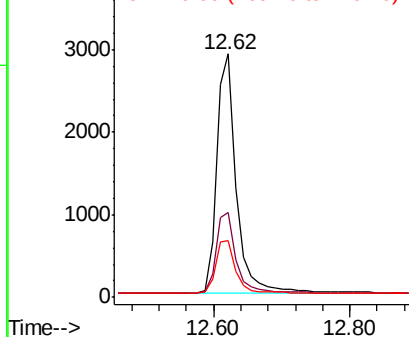
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	23.5	21.8	32.8

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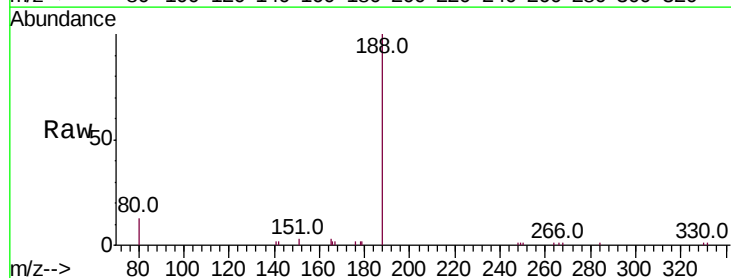


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

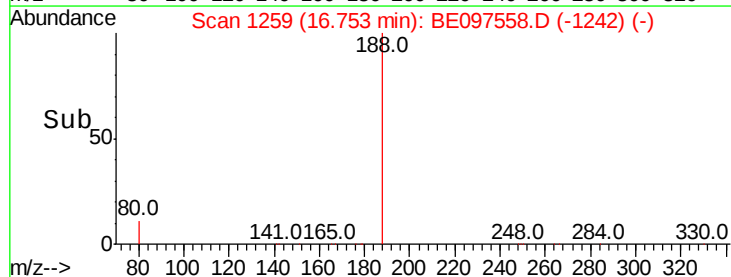
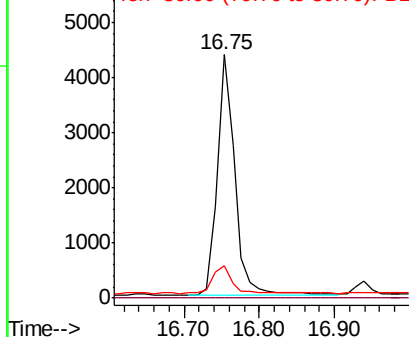


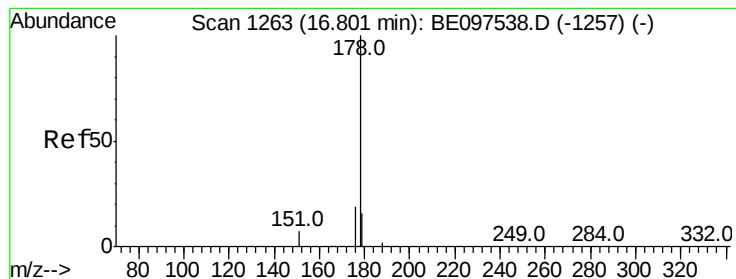
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097558.D
Acq: 20 Sep 2018 2:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.2	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





#23

Phenanthrene

Concen: 0.022 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097558.D

Acq: 20 Sep 2018 2:13

Instrument :

BNA_E

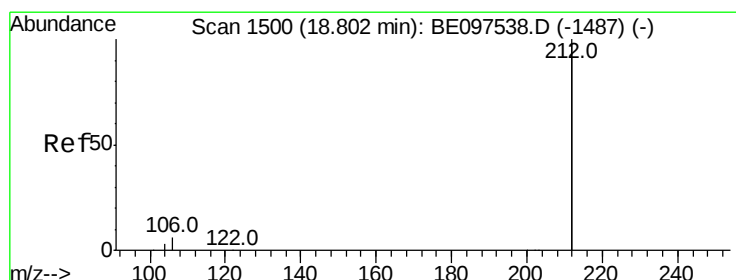
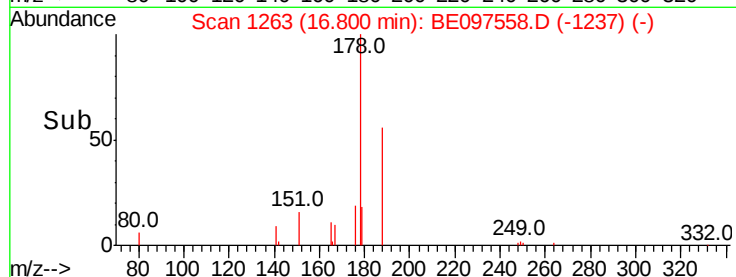
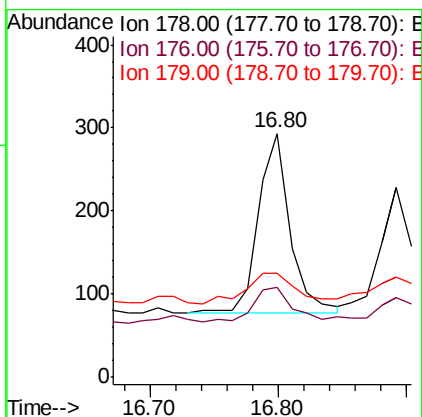
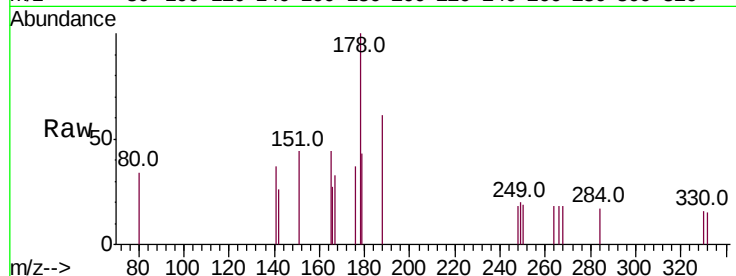
ClientSampleId :

BPSI-TT-MW309S-20180915

Tot Ion:178	Resp:	376
Ion Ratio	Lower	Upper
178	100	
176	26.1	15.1 22.7#
179	26.9	11.8 17.6#

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#25

Fluoranthene-d10

Concen: 0.425 ng

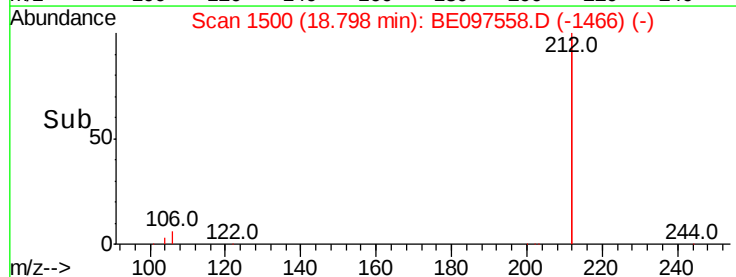
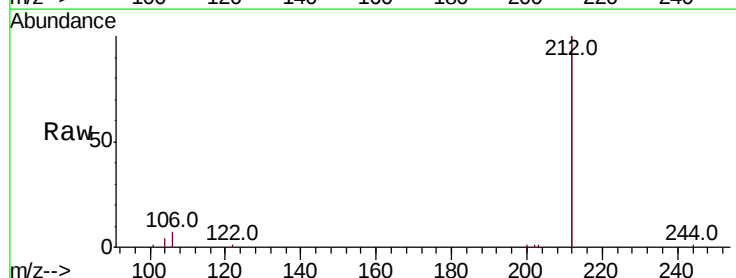
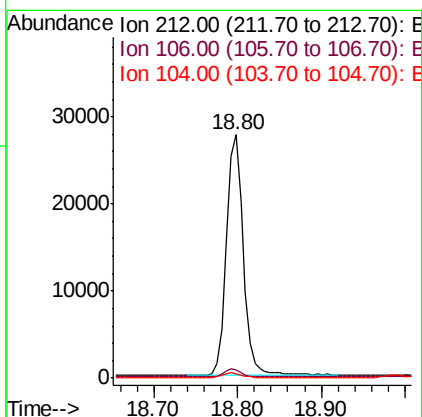
RT: 18.80 min Scan# 1500

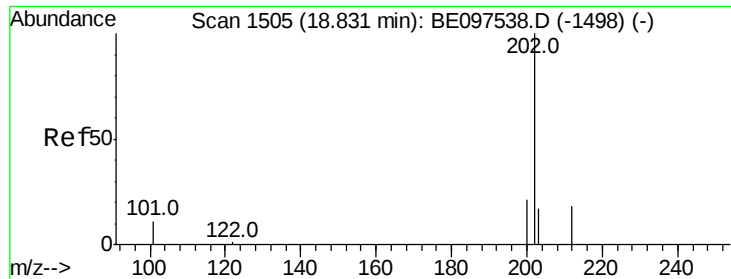
Delta R.T. -0.00 min

Lab File: BE097558.D

Acq: 20 Sep 2018 2:13

Tgt Ion:212	Resp:	38579
Ion Ratio	Lower	Upper
212	100	
106	3.2	2.8 4.2
104	1.9	1.6 2.4





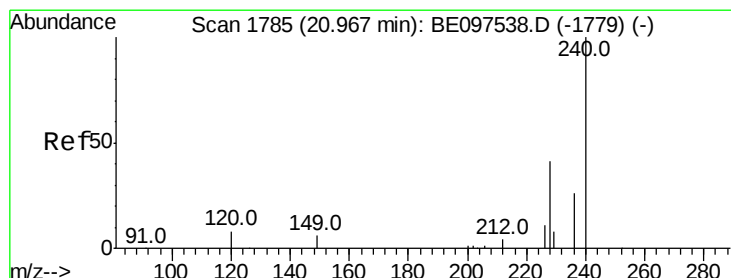
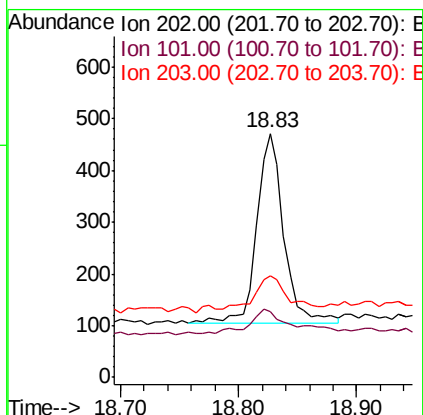
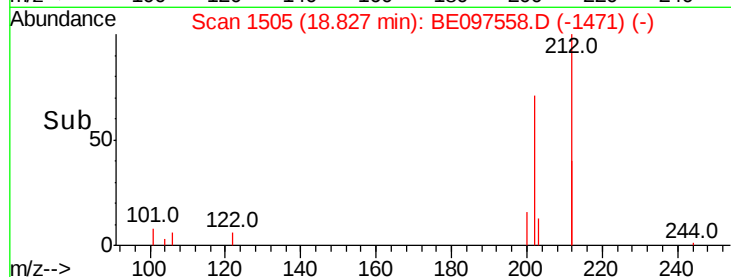
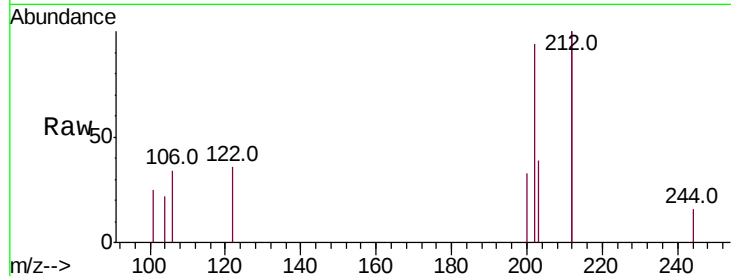
#26
Fluoranthene
Concen: 0.025 ng
RT: 18.83 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097558.D
Acq: 20 Sep 2018 2:13

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW309S-20180915

Tot Ion	Ratio	Resp	Lower	Upper
202	100	575		
101	18.1		9.8	14.8#
203	20.9		13.7	20.5#

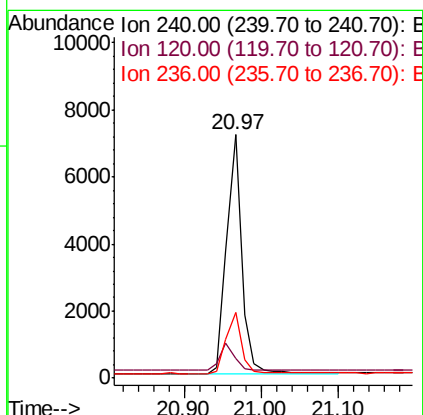
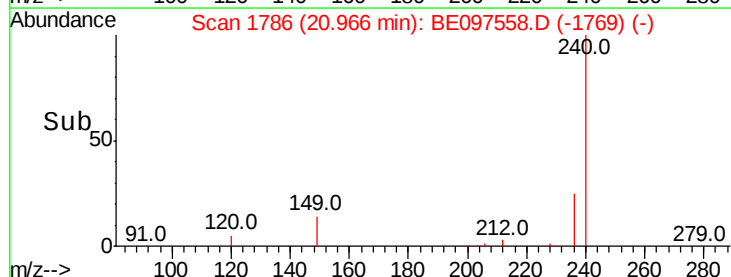
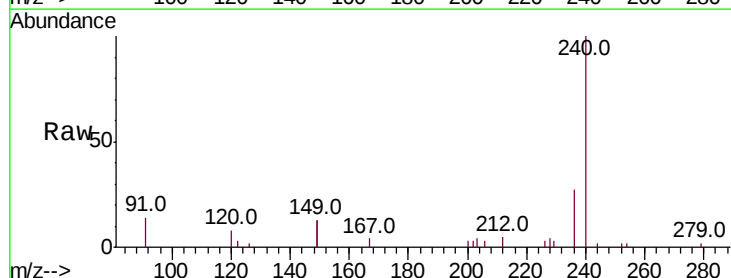
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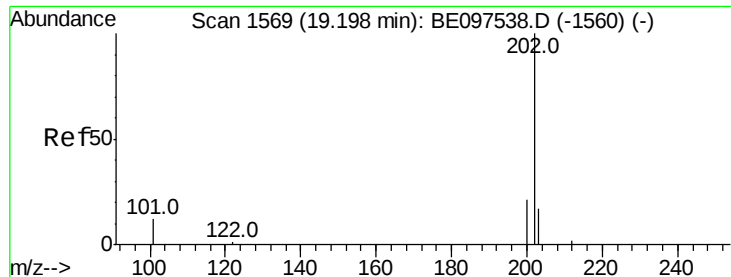
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097558.D
Acq: 20 Sep 2018 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	9811		
120	8.1		5.5	8.3
236	27.1		20.7	31.1





#28

Pvrene

Concen: 0.026 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BE097558.D

Acq: 20 Sep 2018 2:13

Instrument :

BNA_E

ClientSampleId :

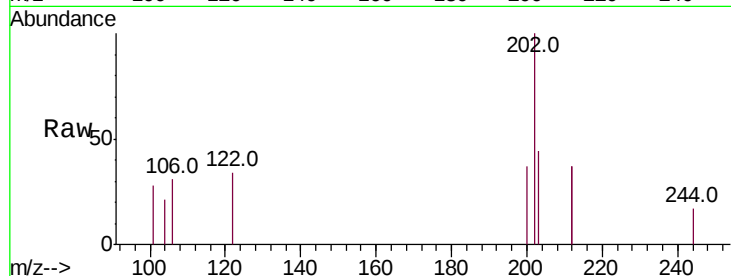
BPSI-TT-MW309S-20180915

Tot Ion:	202	Resp:	584
Ion Ratio	Lower	Upper	
202	100		
200	25.7	16.6	25.0#
203	20.2	13.8	20.8

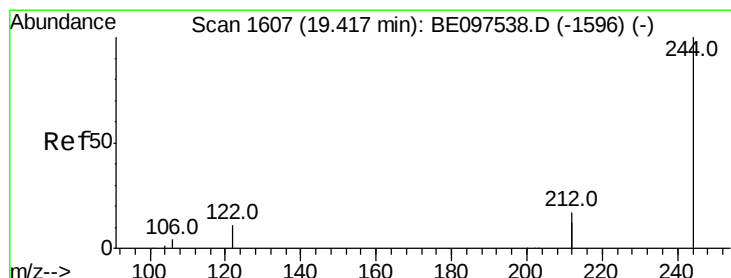
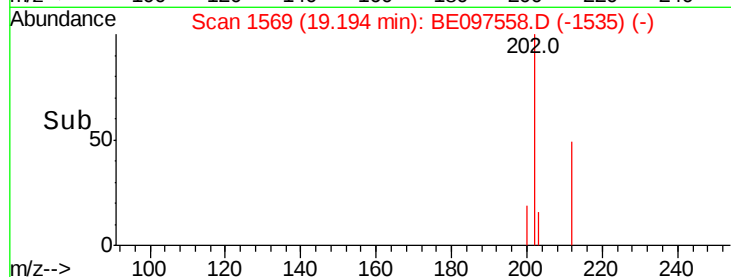
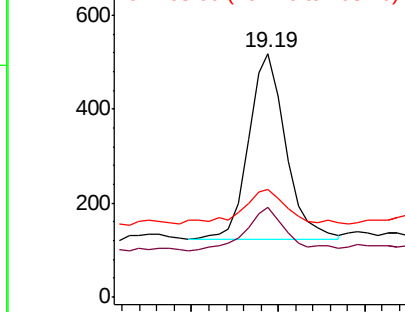
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.539 ng

RT: 19.41 min Scan# 1607

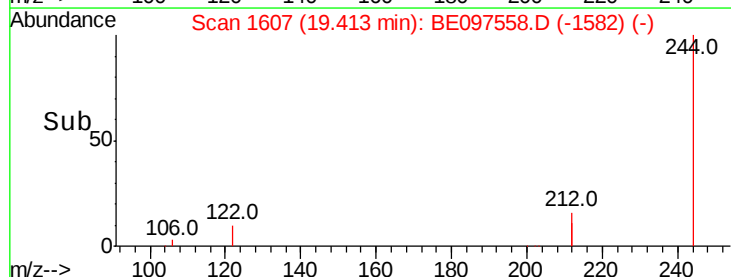
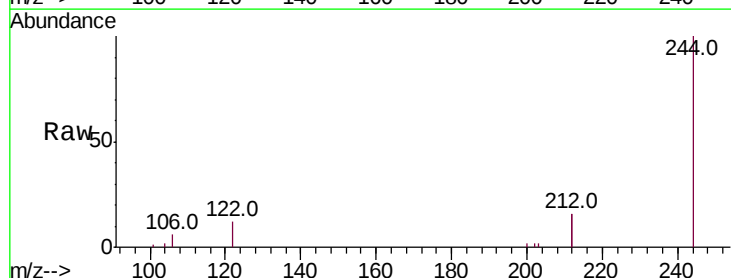
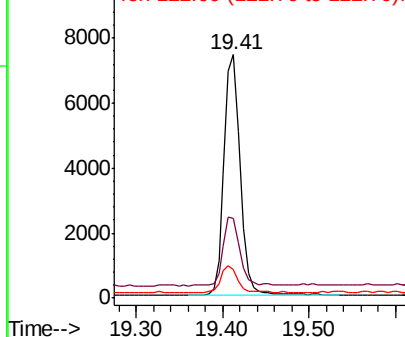
Delta R.T. -0.00 min

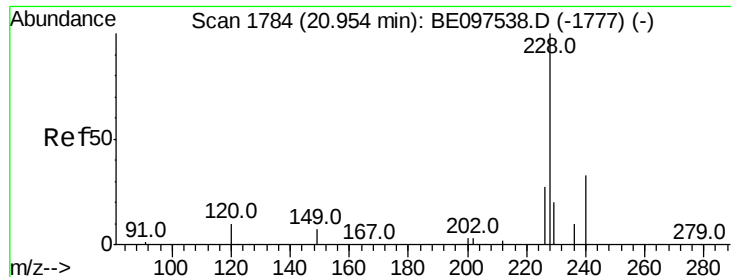
Lab File: BE097558.D

Acq: 20 Sep 2018 2:13

Tgt Ion:	244	Resp:	9678
Ion Ratio	Lower	Upper	
244	100		
212	32.6	25.4	38.0
122	12.0	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





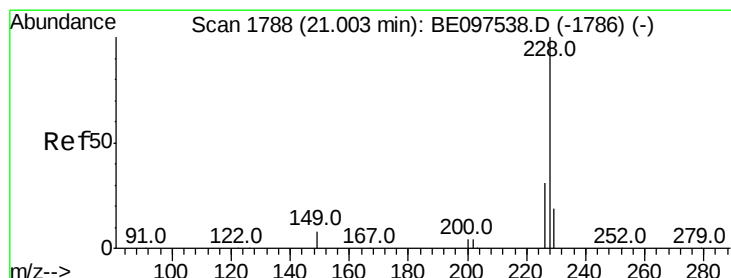
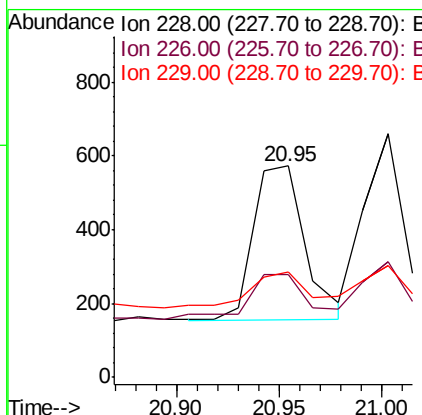
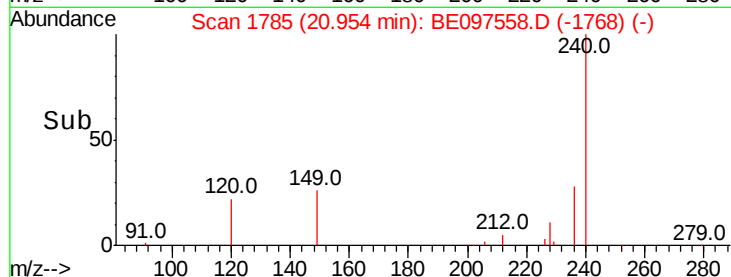
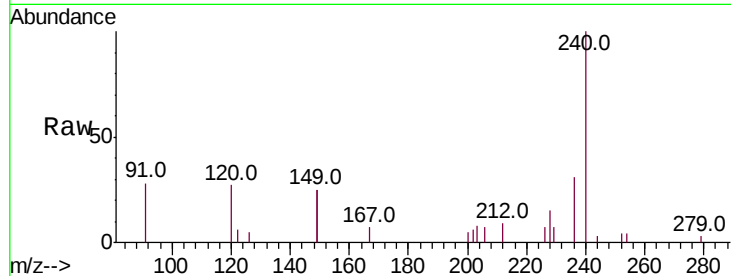
#30
Benzo(a)anthracene
Concen: 0.030 ng
RT: 20.95 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097558.D
Acq: 20 Sep 2018 2:13

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW309S-20180915

Tot Ion	Ratio	Lower	Upper
228	100		
226	48.6	24.0	36.0#
229	49.7	16.0	24.0#

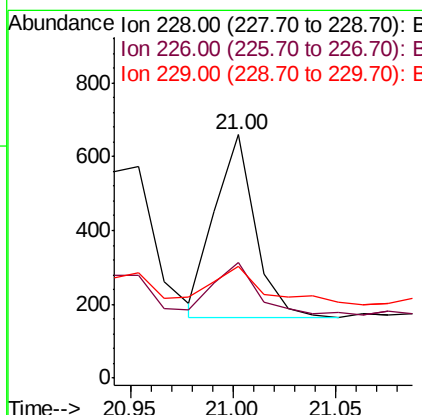
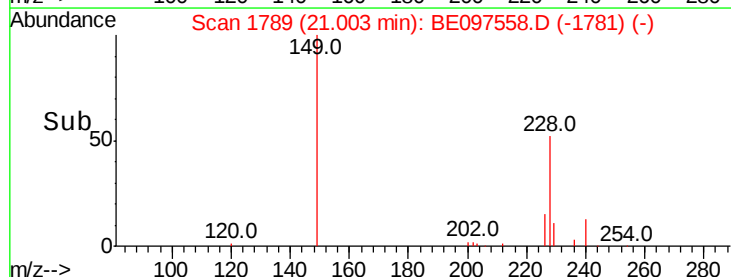
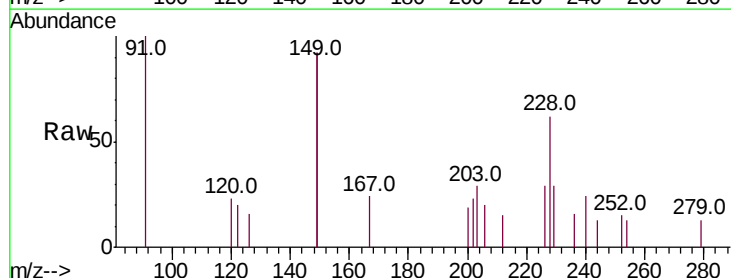
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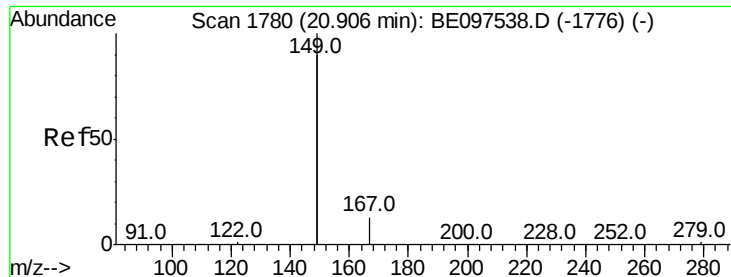
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#31
Chrysene
Concen: 0.025 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BE097558.D
Acq: 20 Sep 2018 2:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	47.3	24.0	36.0#
229	45.8	16.0	24.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.217 ng

RT: 20.91 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097558.D

Acq: 20 Sep 2018 2:13

Instrument :

BNA_E

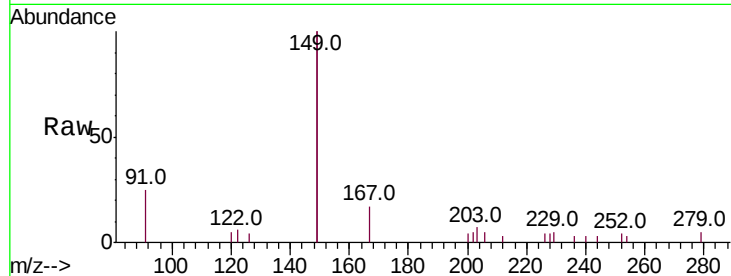
ClientSampleId :

BPSI-TT-MW309S-20180915

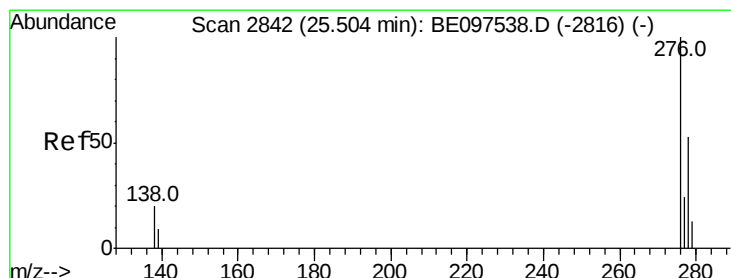
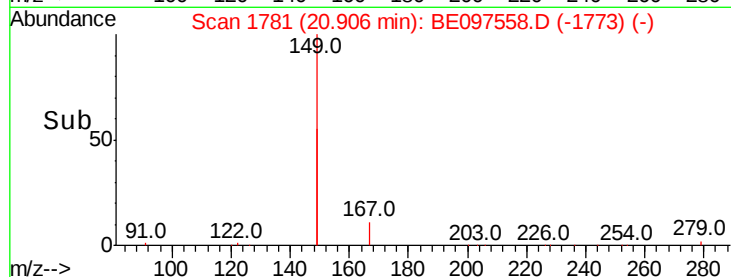
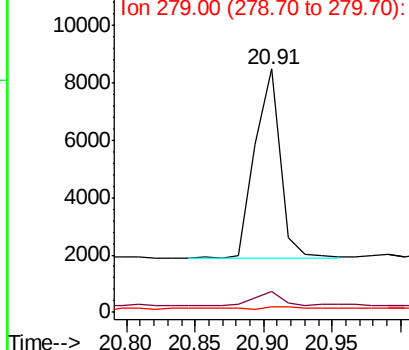
Tot Ion:	149	Resp:	8584
Ion Ratio	Lower	Upper	
149	100		
167	7.4	5.4	8.0
279	1.1	0.7	1.1#

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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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng

RT: 25.49 min Scan# 2840

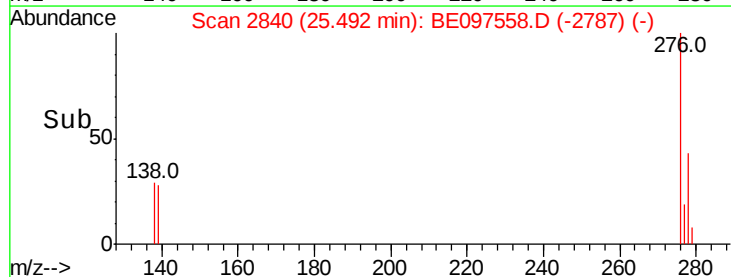
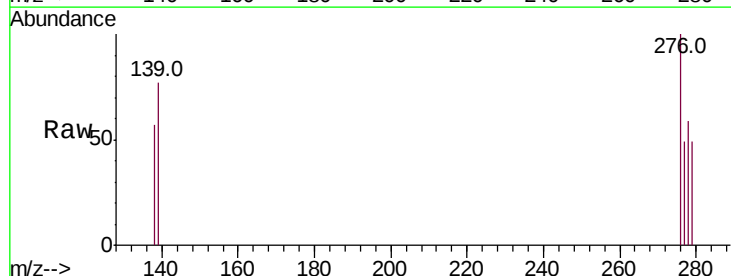
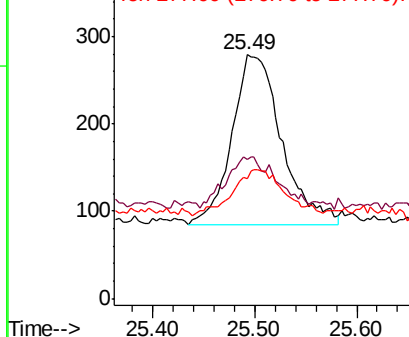
Delta R.T. -0.01 min

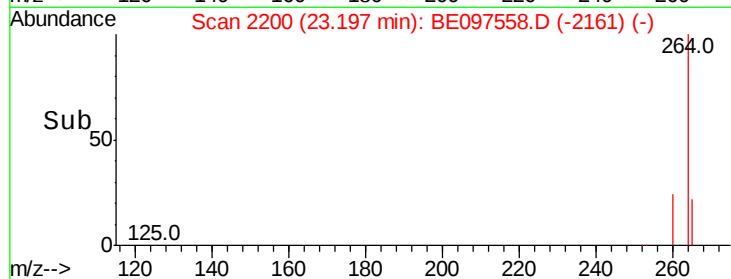
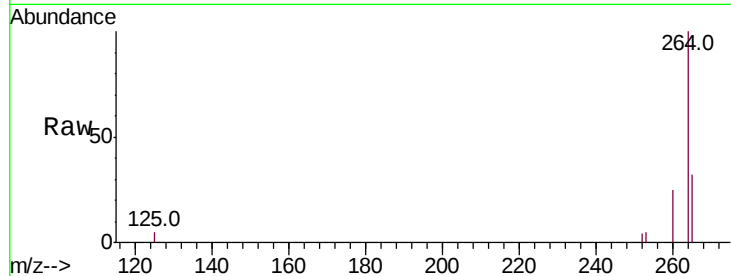
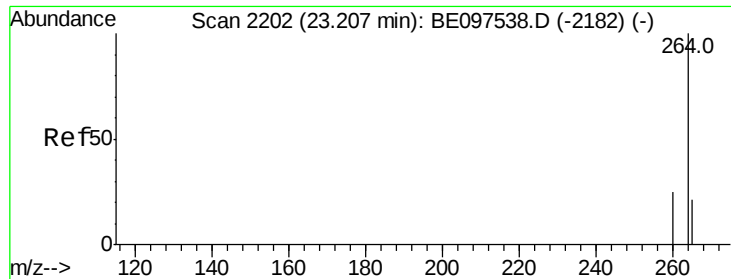
Lab File: BE097558.D

Acq: 20 Sep 2018 2:13

Tgt Ion:	276	Resp:	657
Ion Ratio	Lower	Upper	
276	100		
138	29.8	22.5	33.7
277	28.2	19.9	29.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BE097558.D
 Acq: 20 Sep 2018 2:13

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW309S-20180915

Tot Ion:	264	Resp:	9697
Ion Ratio	Lower	Upper	
264	100		
260	25.5	20.5	30.7
265	32.1	22.8	34.2

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