

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097633.D
 Acq On : 22 Sep 2018 5:01
 Operator : SJ/JU
 Sample : J4980-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW308S-20180917

Manual Integrations
 APPROVED

Sohil
 9/24/2018 8:30:40 AM

Quant Time: Sep 22 05:56:01 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	625	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2954	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2013	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6824	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8574	0.40	ng	0.00
34) Perylene-d12	23.21	264	8268	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	305	0.16	ng	0.01
5) Phenol-d6	6.71	99	185m	0.08	ng	0.10
8) Nitrobenzene-d5	8.58	82	717m	0.31	ng	0.05
11) 2-Methylnaphthalene-d10	11.74	152	1841	0.45	ng	0.03
14) 2,4,6-Tribromophenol	15.53	330	357	0.46	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3060	0.43	ng	0.01
25) Fluoranthene-d10	18.80	212	36198	0.41	ng	0.00
29) Terphenyl-d14	19.41	244	10762	0.69	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	113	0.072	ng	Qvalue # 67
32) Bis(2-ethylhexyl)phthalate	20.89	149	8045	0.232	ng	99

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

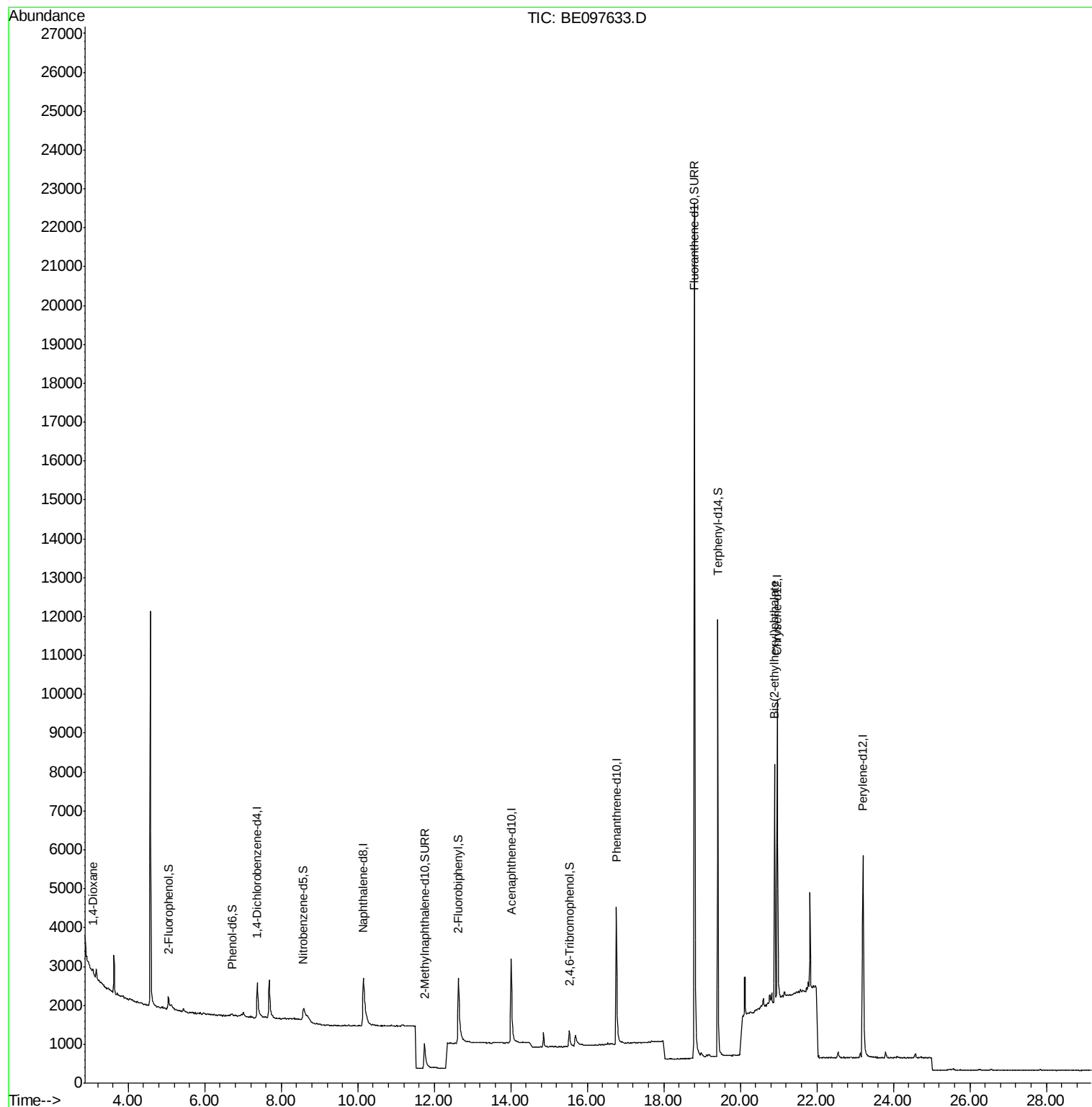
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097633.D
Acq On : 22 Sep 2018 5:01
Operator : SJ/JU
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ALS Vial : 23 Sample Multiplier: 1

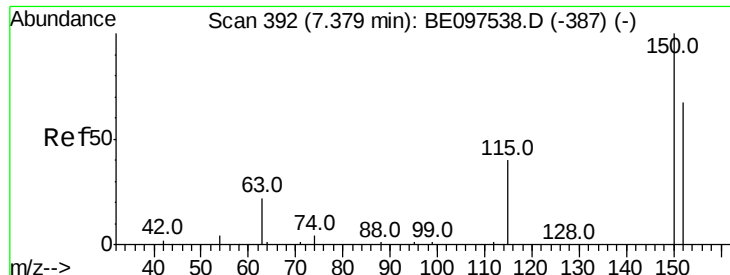
Instrument :
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#1

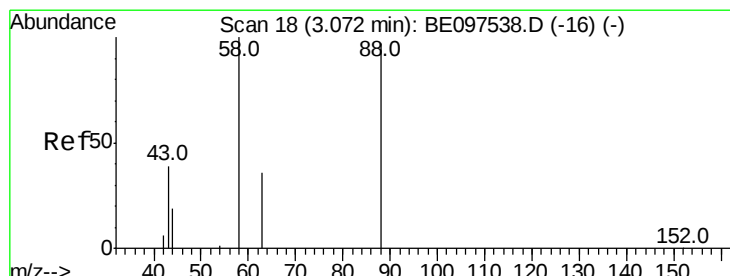
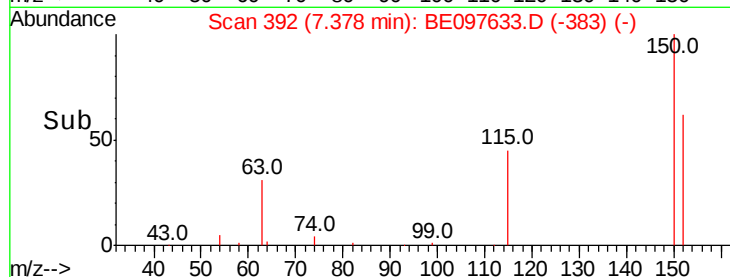
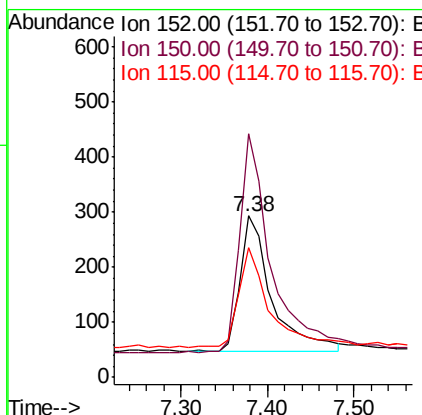
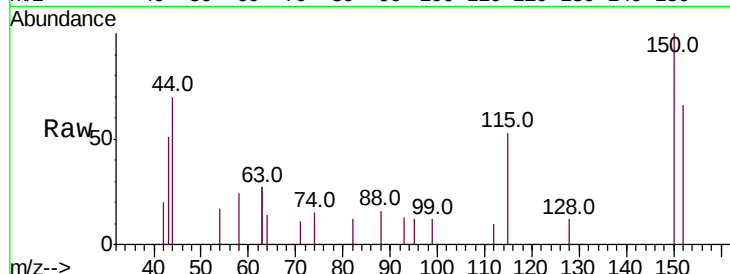
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097633.D
Acq: 22 Sep 2018 5:01

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308S-20180917

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	117.2	175.8
115	80.5	57.0	85.6

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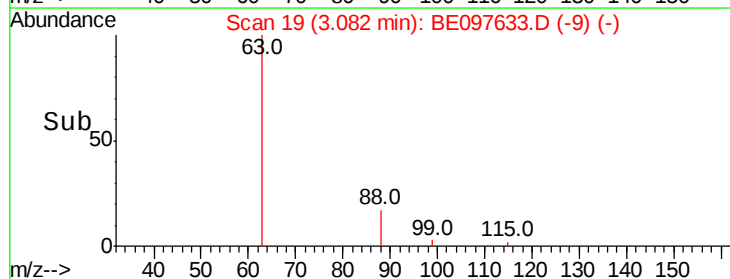
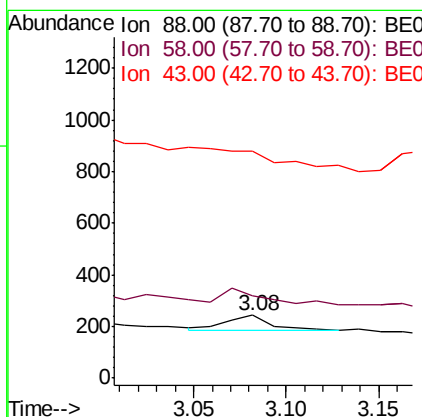
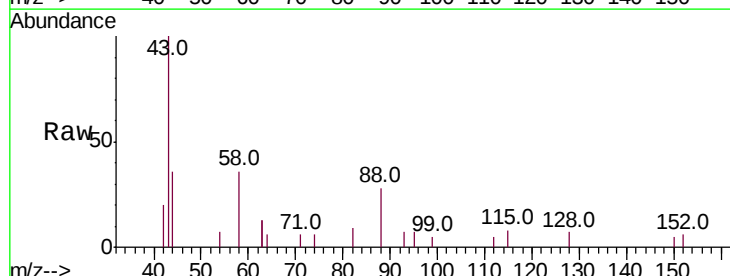
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#2

1,4-Dioxane
Concen: 0.072 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097633.D
Acq: 22 Sep 2018 5:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	63.2	94.8
43	0.0	41.2	61.8#





#4

2-Fluorophenol

Concen: 0.163 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

Instrument :

BNA_E

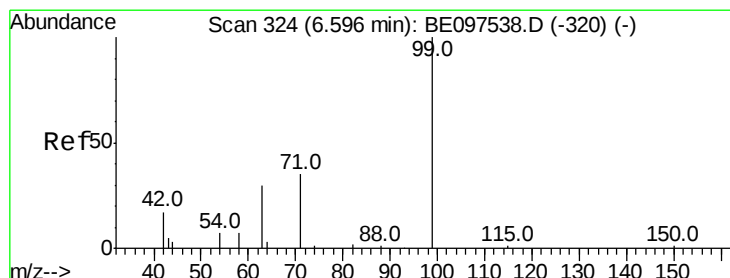
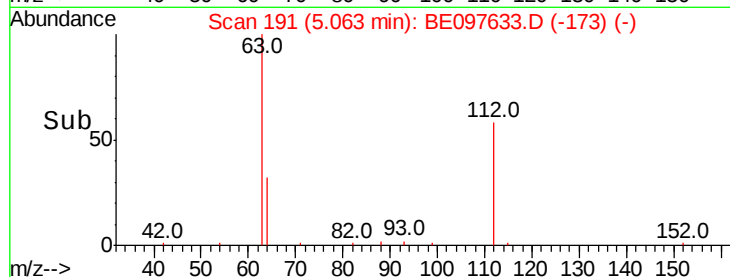
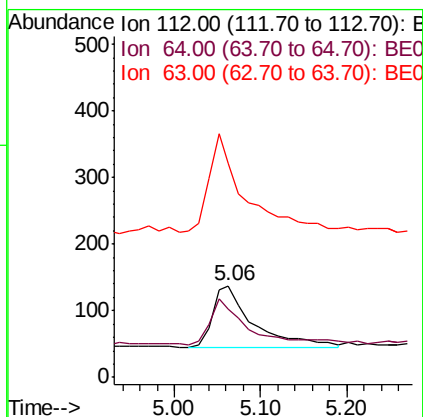
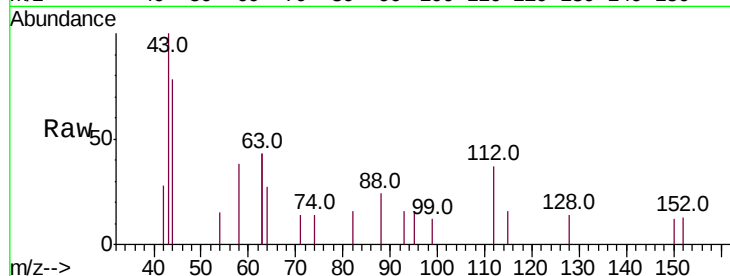
ClientSampleId :

BPSI-TT-MW308S-20180917

Tot Ion:	112	Resp:	305
Ion Ratio	Lower	Upper	
112	100		
64	66.2	60.1	90.1
63	140.3	116.8	175.2

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#5

Phenol-d6

Concen: 0.077 ng m

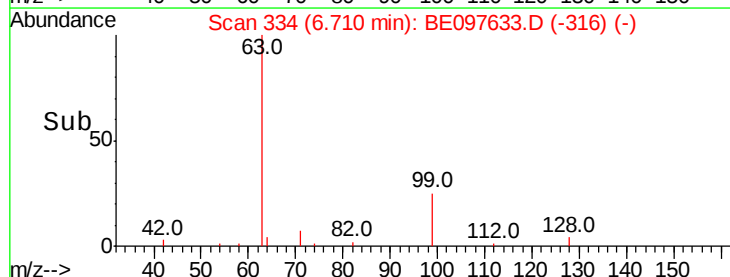
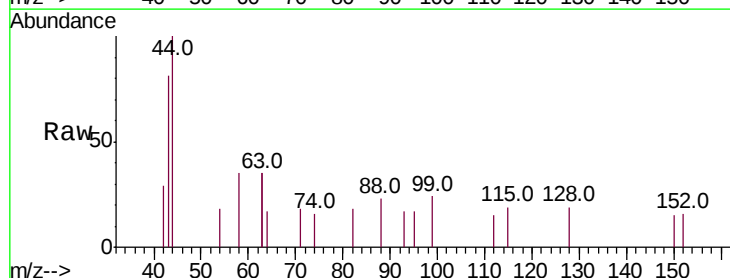
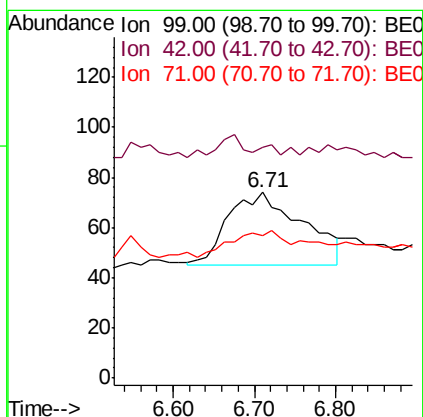
RT: 6.71 min Scan# 334

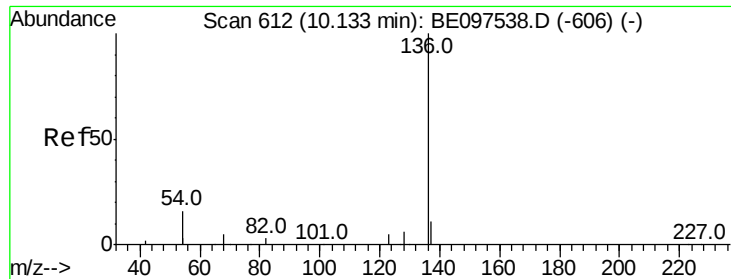
Delta R.T. 0.10 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

Tgt Ion:	99	Resp:	185
Ion Ratio	Lower	Upper	
99	100		
42	0.0	20.2	30.2#
71	0.0	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: BE097633.D

Acq: 22 Sep 2018 5:01

Instrument :

BNA_E

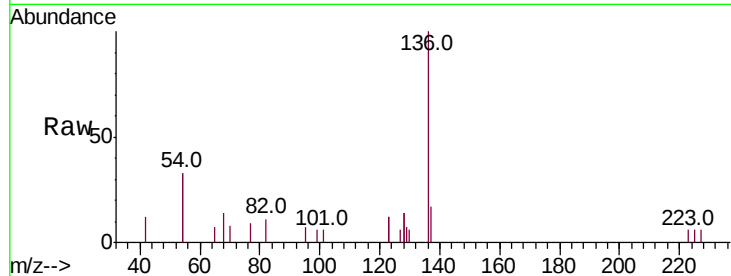
ClientSampleId :

BPSI-TT-MW308S-20180917

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	17.0	9.5	14.3#		
54	65.8	29.1	43.7#		
68	14.4	6.2	9.2#		

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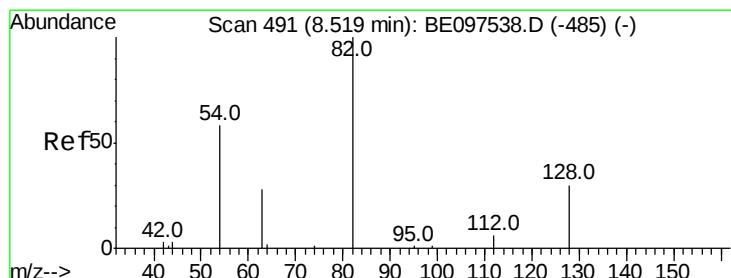
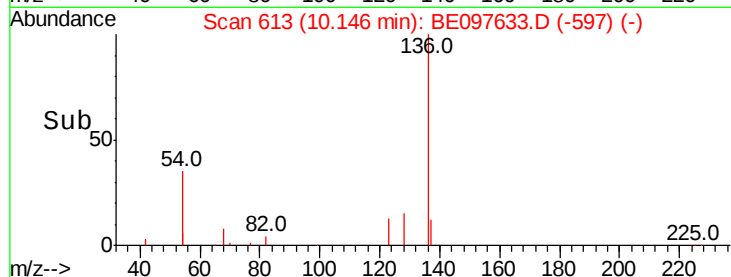
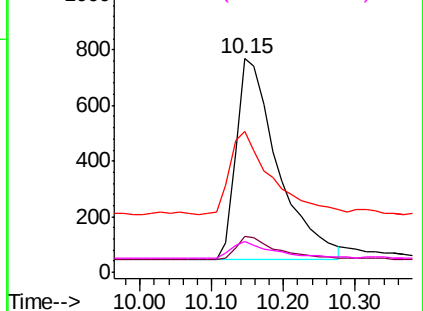


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.314 ng m

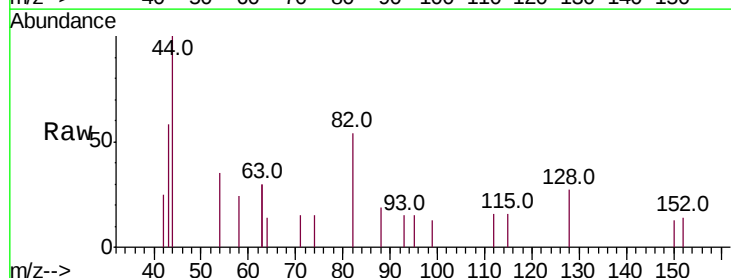
RT: 8.58 min Scan# 496

Delta R.T. 0.05 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

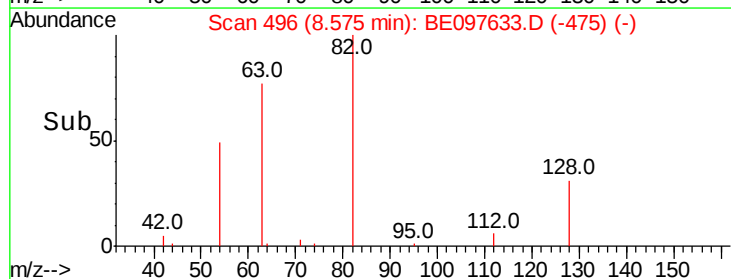
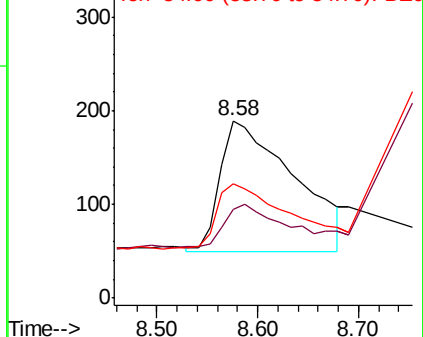
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	49.7	24.0	36.0#		
54	64.6	40.0	60.0#		

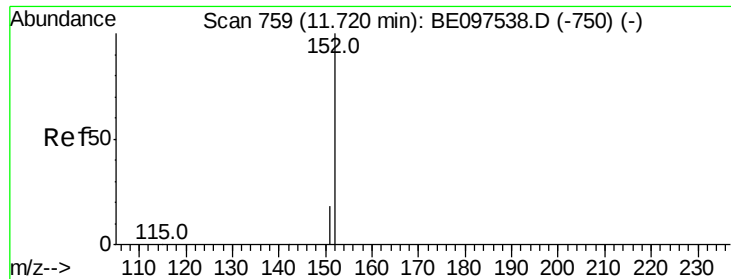


Abundance Ion 82.00 (81.70 to 82.70): BE0

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# 764

Delta R.T. 0.03 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW308S-20180917

Tot Ion:152 Resp: 1841

Ion Ratio Lower Upper

152 100

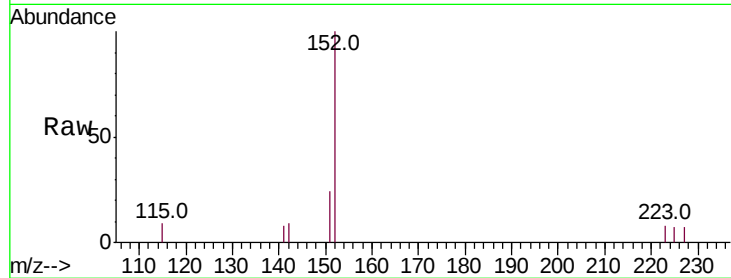
151 18.7 15.4 23.0

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

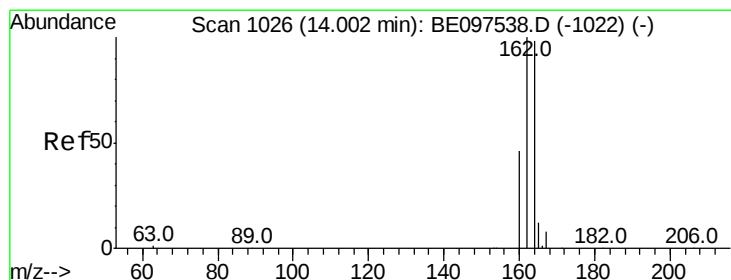
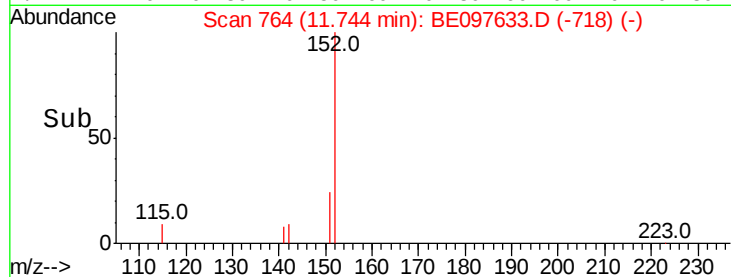
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

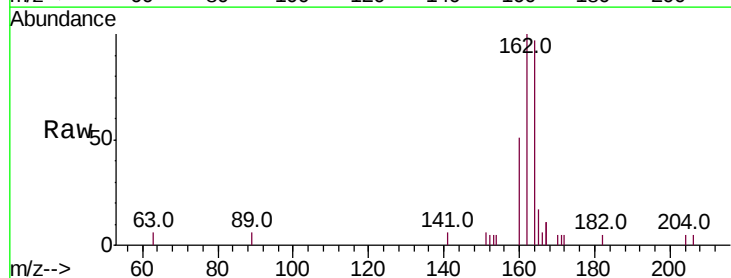
Tgt Ion:164 Resp: 2013

Ion Ratio Lower Upper

164 100

162 103.1 83.1 124.7

160 52.4 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

14.01

1200

1000

800

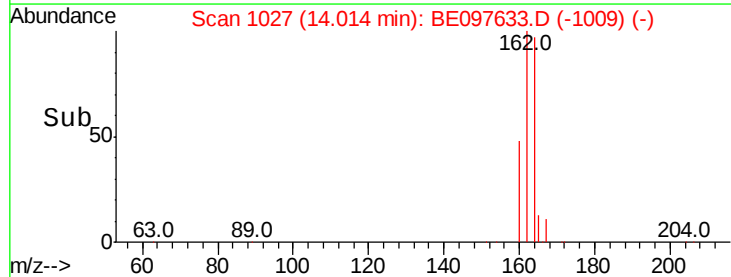
600

400

200

0

Time-->





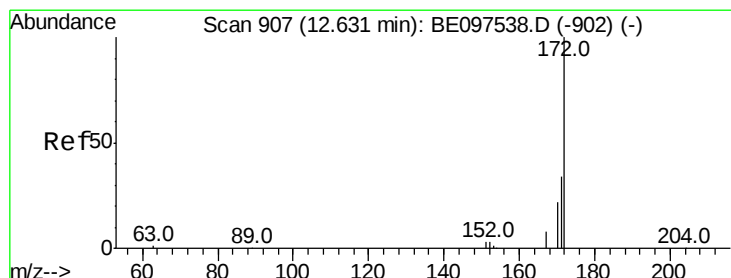
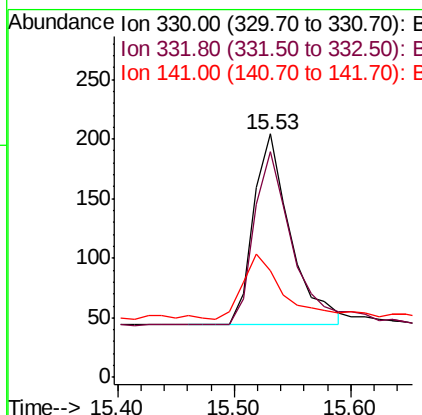
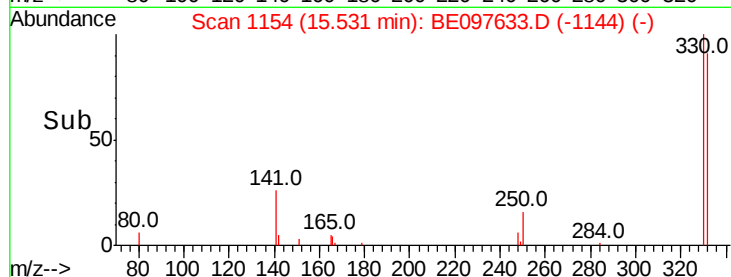
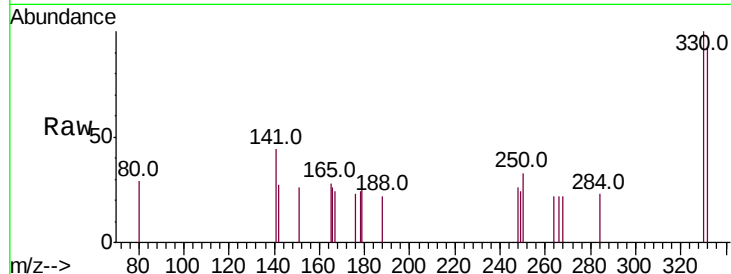
#14
 2,4,6-Tribromophenol
 Concen: 0.456 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE097633.D
 Acq: 22 Sep 2018 5:01

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW308S-20180917

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.2	152.7	229.1#
141	36.1	33.7	50.5

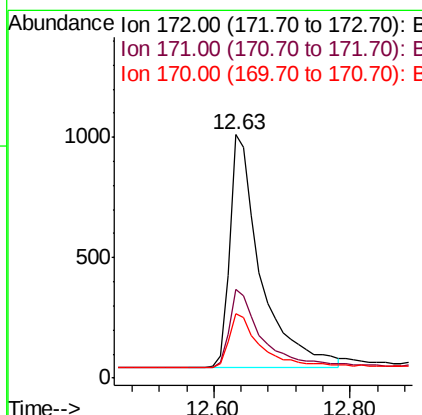
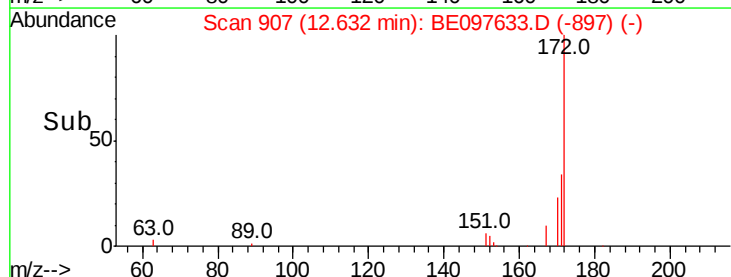
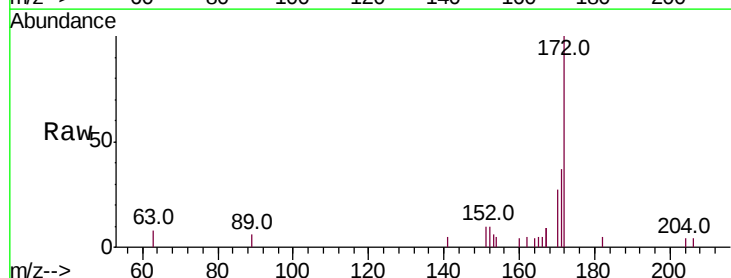
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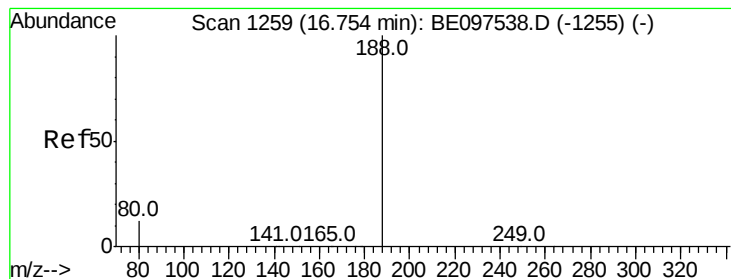
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#15
 2-Fluorobiphenyl
 Concen: 0.430 ng
 RT: 12.63 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BE097633.D
 Acq: 22 Sep 2018 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	26.6	21.8	32.8





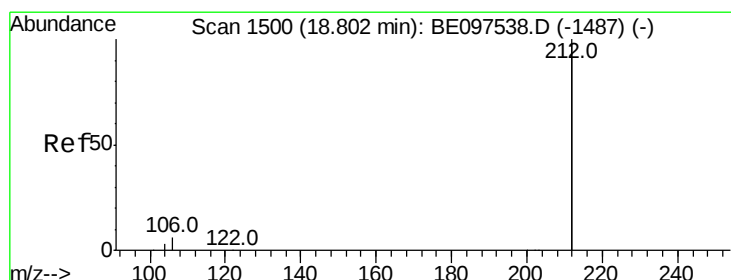
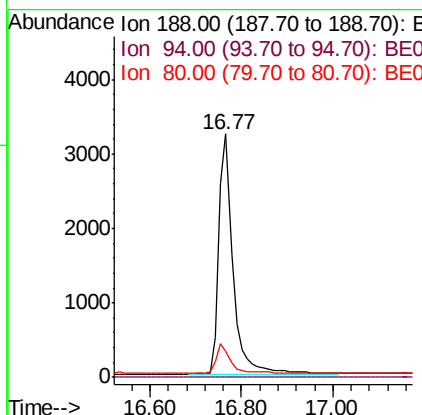
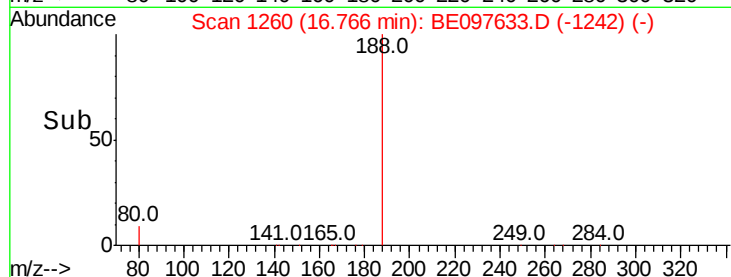
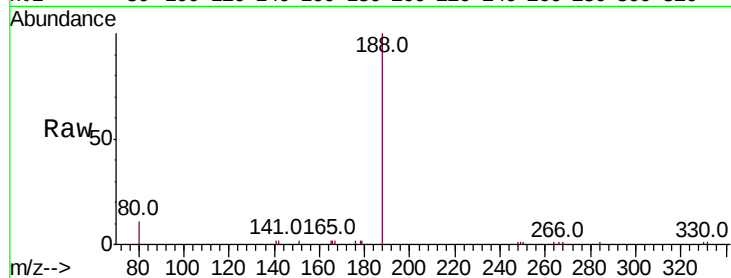
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097633.D
Acq: 22 Sep 2018 5:01

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308S-20180917

Tot Ion	Ratio	Resp	Lower	Upper
188	100	6824		
94	0.0	3.9	5.9#	
80	10.7	3.6	5.4#	

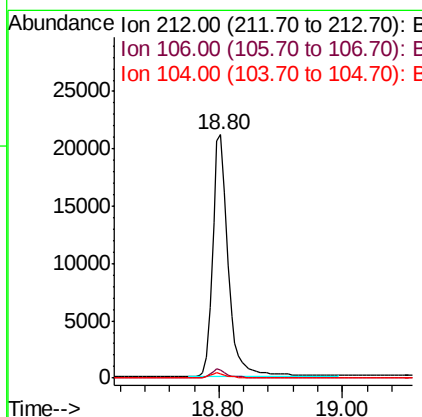
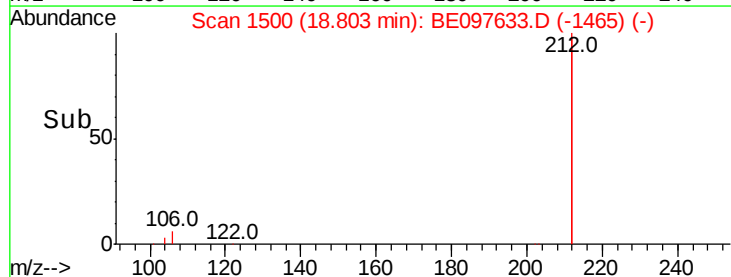
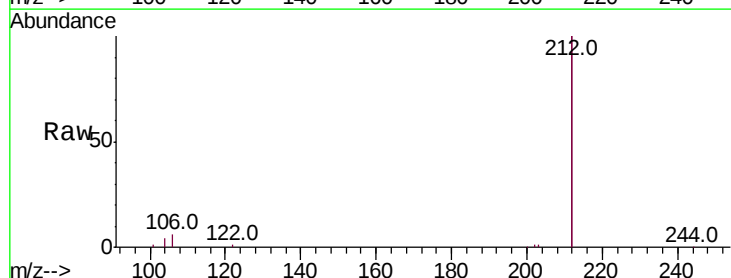
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#25
Fluoranthene-d10
Concen: 0.414 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE097633.D
Acq: 22 Sep 2018 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	36198		
106	3.2	2.8	4.2	
104	1.8	1.6	2.4	





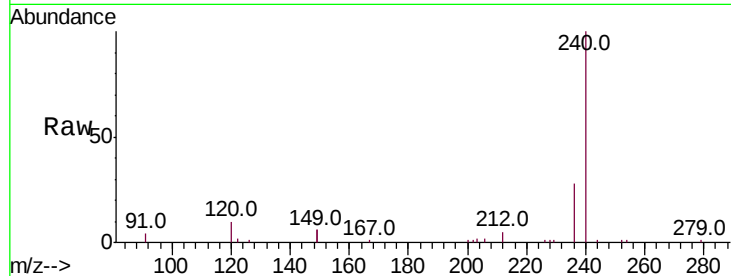
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE097633.D
 Acq: 22 Sep 2018 5:01

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW308S-20180917

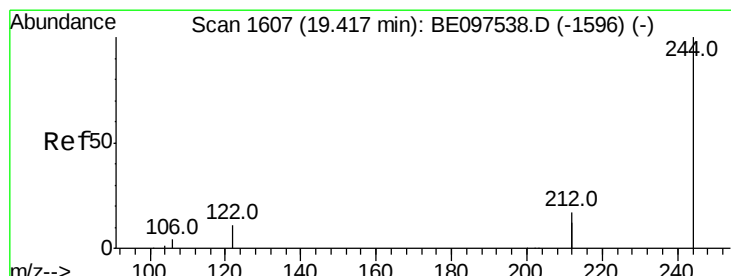
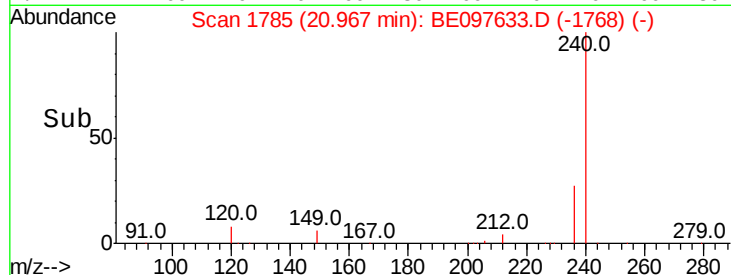
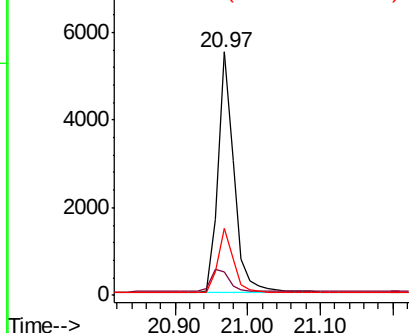
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.5	8.3#
236	27.7	20.7	31.1

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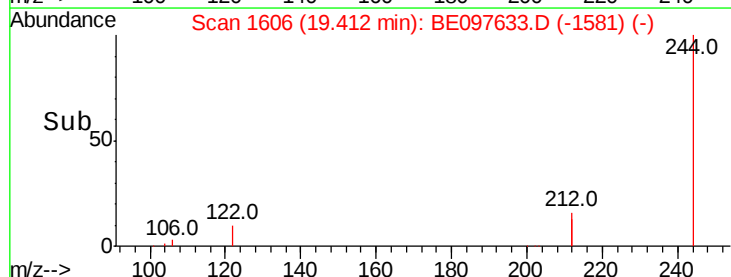
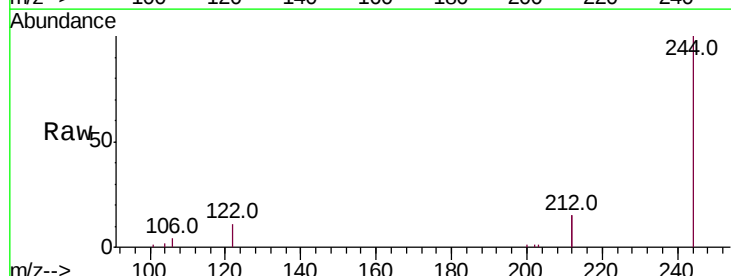
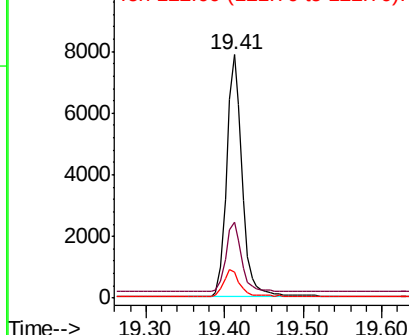
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#29
 Terphenyl-d14
 Concen: 0.686 ng
 RT: 19.41 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BE097633.D
 Acq: 22 Sep 2018 5:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.0	25.4	38.0
122	10.8	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





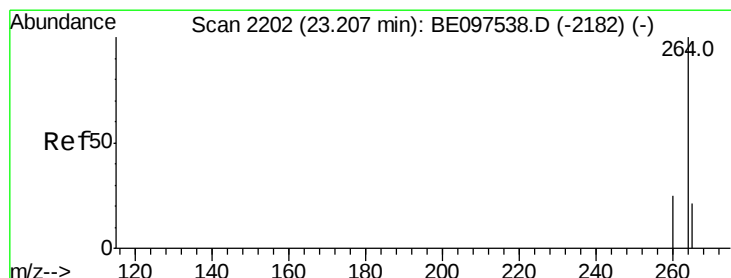
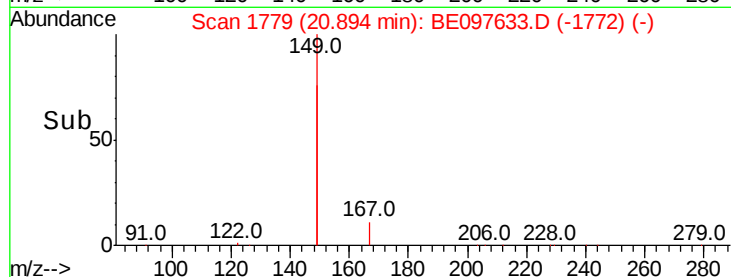
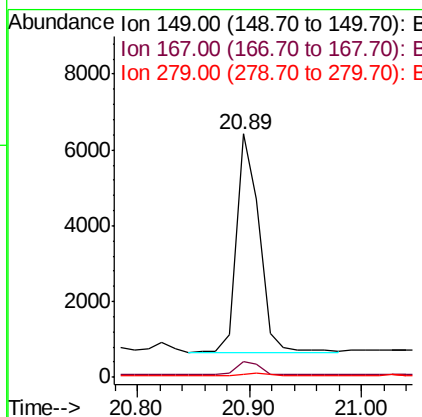
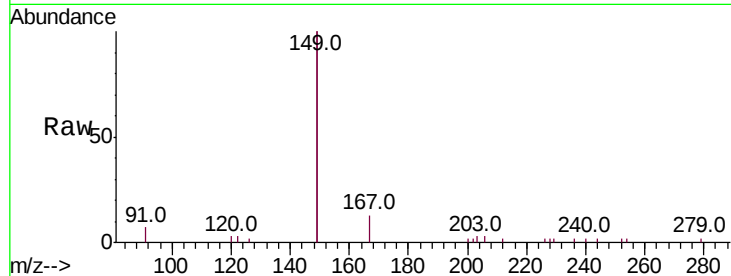
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.232 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BE097633.D
 Acq: 22 Sep 2018 5:01

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW308S-20180917

Tot Ion:	149	Resp:	8045
Ion Ratio	Lower	Upper	
149	100		
167	6.4	5.4	8.0
279	1.0	0.7	1.1

Manual Integrations
 APPROVED

Sohil
 9/24/2018 8:30:40 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097633.D
 Acq: 22 Sep 2018 5:01

Tgt Ion:	264	Resp:	8268
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.5	30.7
265	28.2	22.8	34.2

