

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097556.D
 Acq On : 20 Sep 2018 00:58
 Operator : SJ/JU
 Sample : J4958-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW308I-20180915

Manual Integrations
 APPROVED

Sohil
 9/20/2018 3:34:42 PM

Quant Time: Sep 20 06:40:59 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	744	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3135	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1630	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	4607	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7685	0.40	ng	0.00
34) Perylene-d12	23.20	264	8725	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	329	0.15	ng	0.01
5) Phenol-d6	6.66	99	224m	0.08	ng	0.07
8) Nitrobenzene-d5	8.56	82	759	0.31	ng	0.04
11) 2-Methylnaphthalene-d10	11.74	152	1563	0.36	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	229	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4287	0.74	ng	0.00
25) Fluoranthene-d10	18.80	212	23135	0.39	ng	0.00
29) Terphenyl-d14	19.41	244	5675	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	223	0.150	ng	# 58
32) Bis(2-ethylhexyl)phthalate	20.91	149	1200	0.047	ng	# 99

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

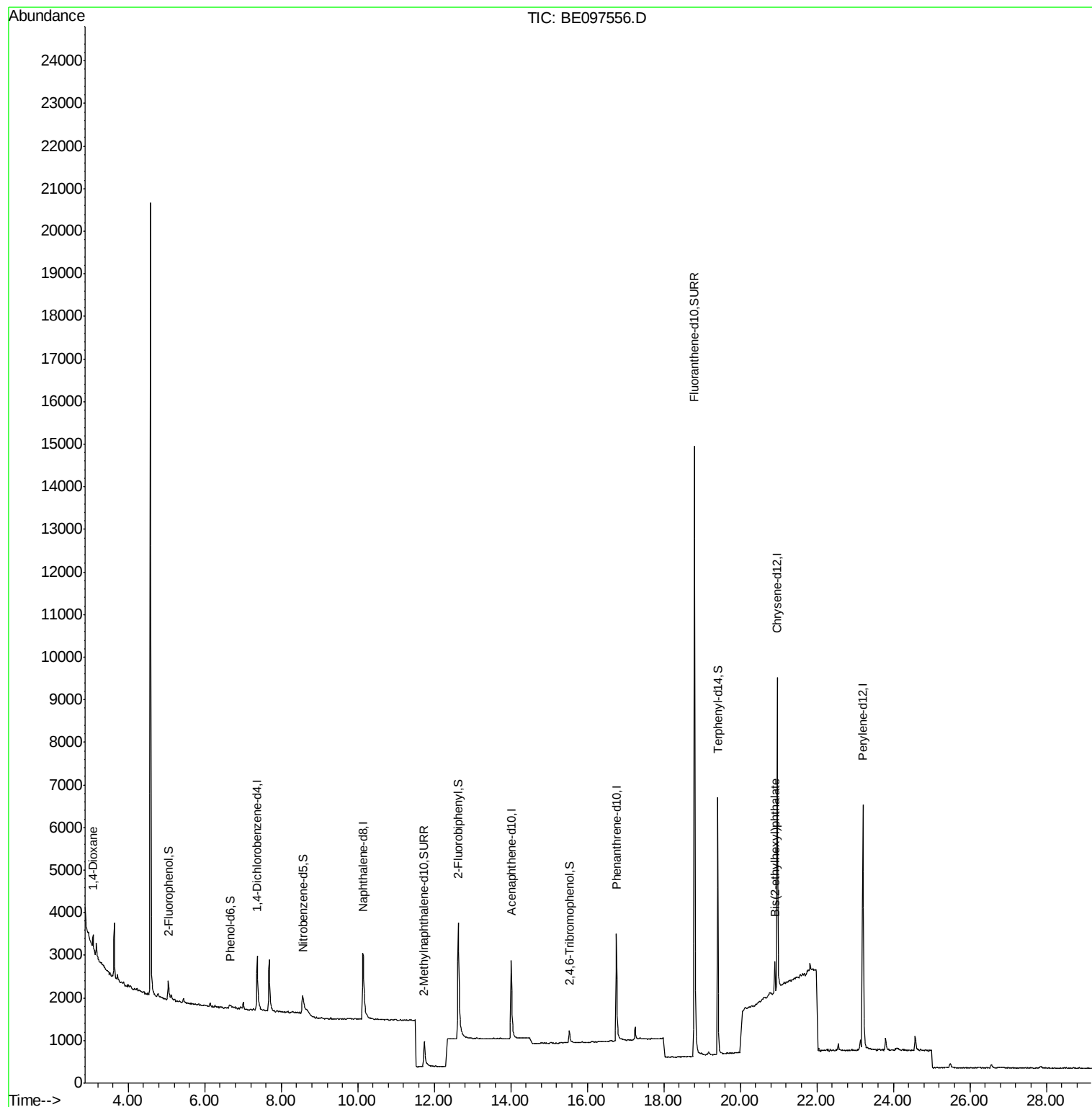
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
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ALS Vial : 14 Sample Multiplier: 1

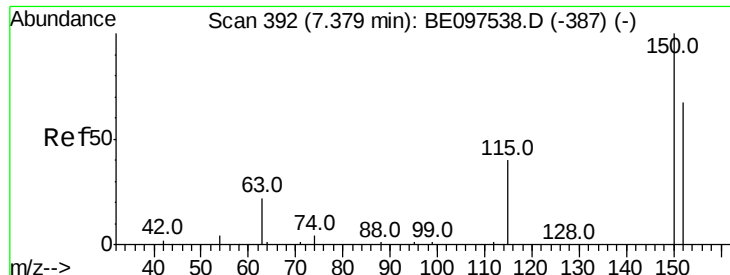
Instrument :
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ClientSampleId :
BPSI-TT-MW308I-20180915

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#1

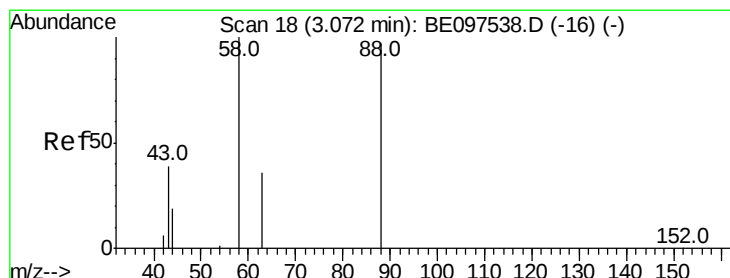
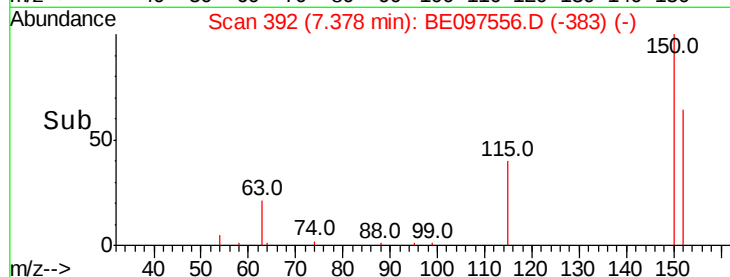
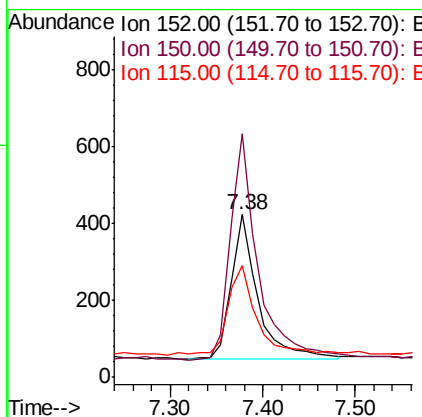
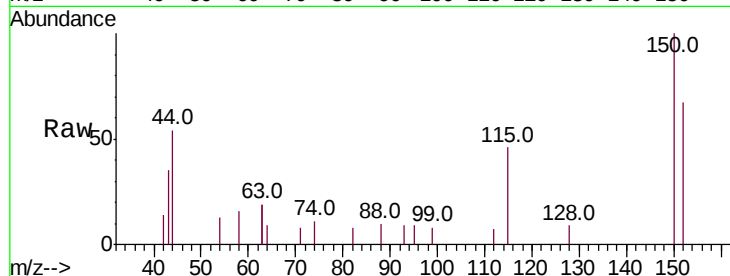
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308I-20180915

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	117.2	175.8
115	69.0	57.0	85.6

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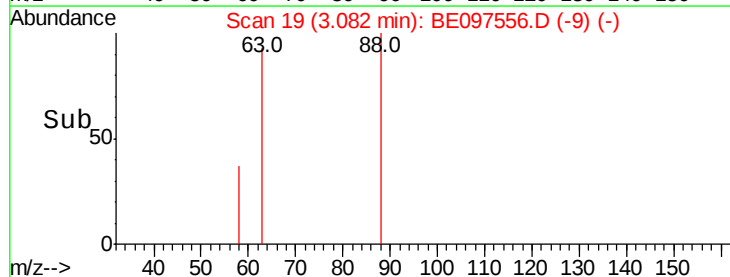
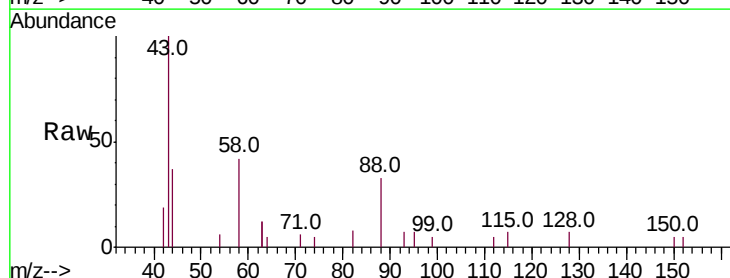
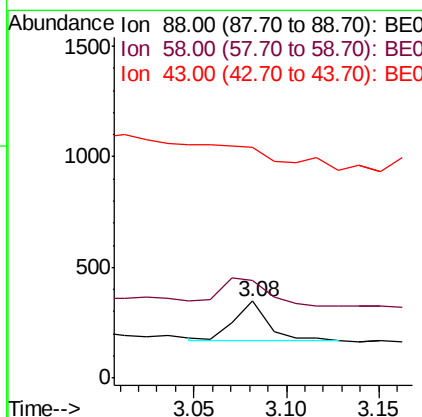
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#2

1,4-Dioxane
Concen: 0.150 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.2	63.2	94.8#
43	0.0	41.2	61.8#





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

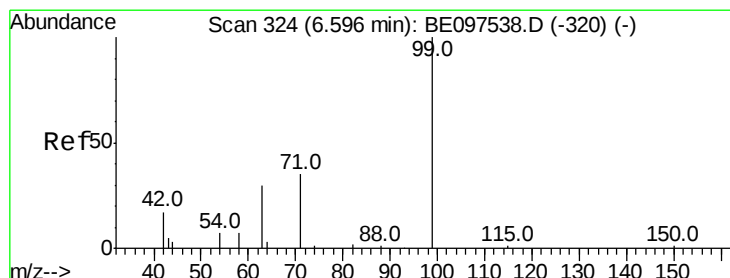
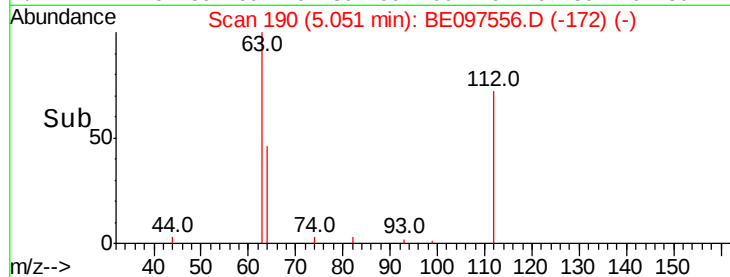
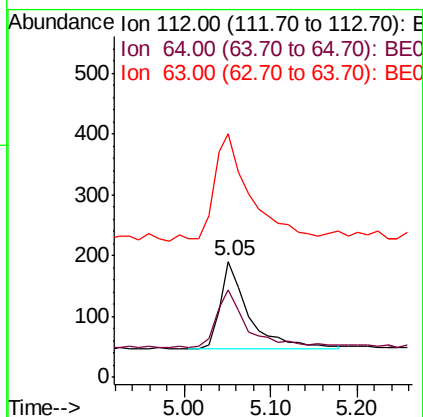
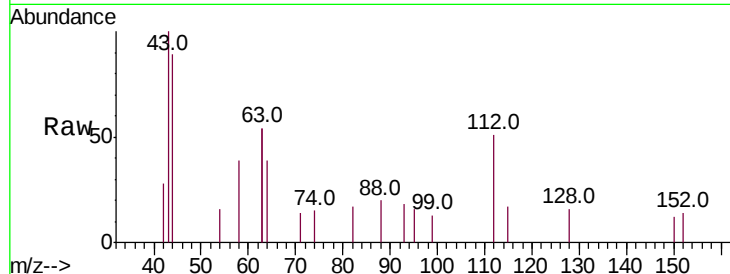
ClientSampleId :

BPSI-TT-MW308I-20180915

Tot Ion:	112	Resp:	329
Ion Ratio	Lower	Upper	
112	100		
64	70.2	60.1	90.1
63	158.7	116.8	175.2

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#5

Phenol-d6

Concen: 0.079 ng m

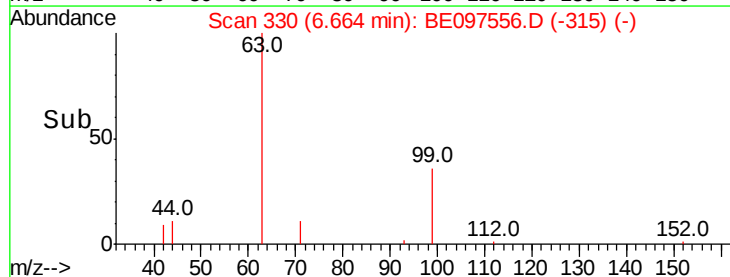
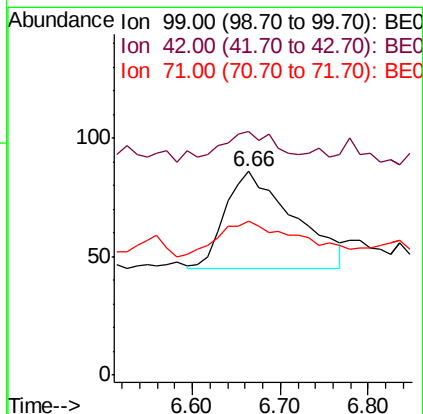
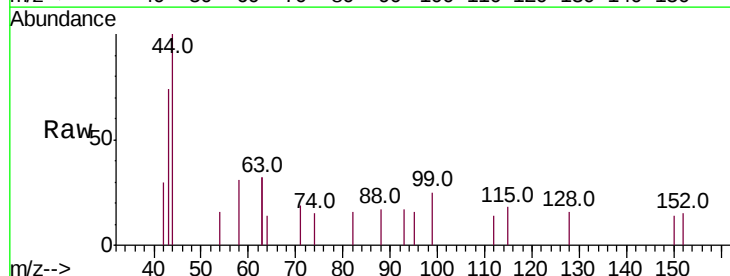
RT: 6.66 min Scan# 330

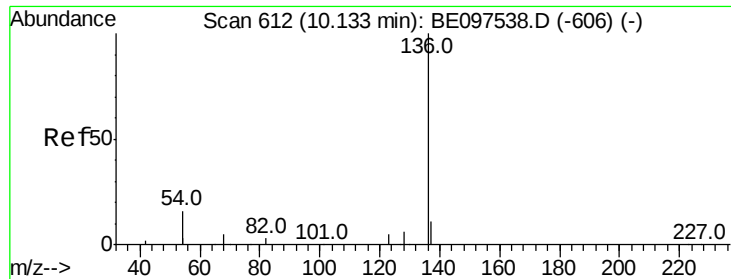
Delta R.T. 0.07 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Tgt Ion:	99	Resp:	224
Ion Ratio	Lower	Upper	
99	100		
42	2.7	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: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

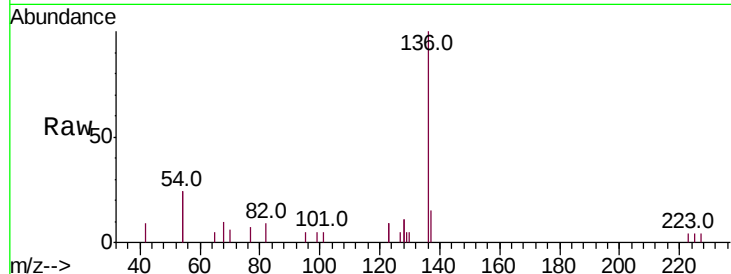
ClientSampleId :

BPSI-TT-MW308I-20180915

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.8	9.5	14.3#
54	48.3	29.1	43.7#
68	10.1	6.2	9.2#

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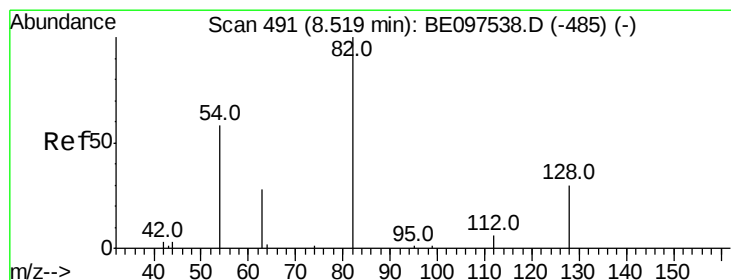
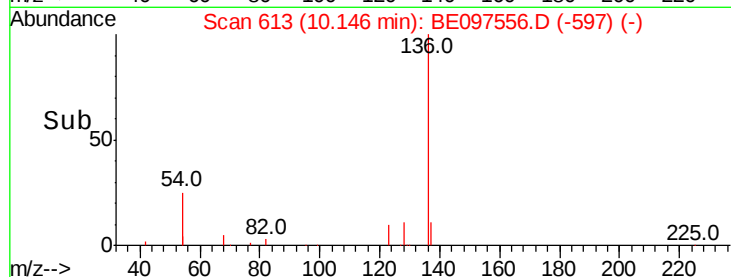
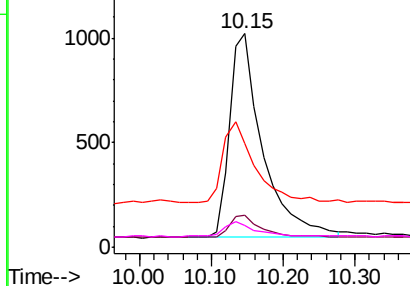
Abundance

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: 0.313 ng

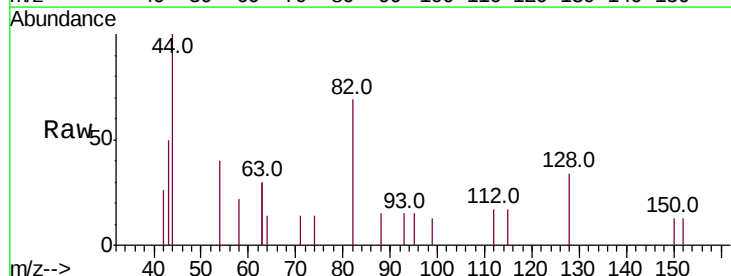
RT: 8.56 min Scan# 495

Delta R.T. 0.04 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	24.0	36.0#
54	57.6	40.0	60.0

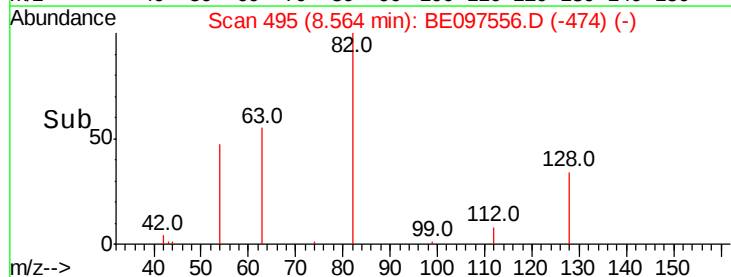
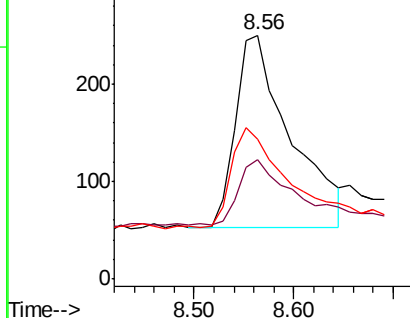


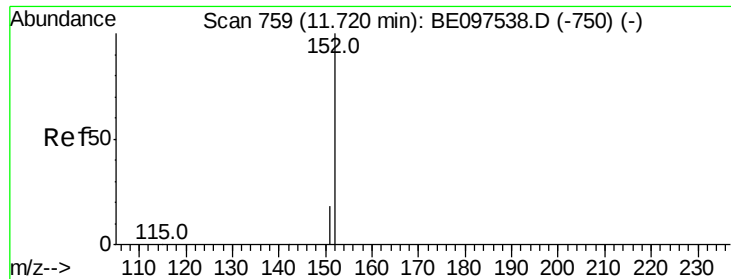
Abundance

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





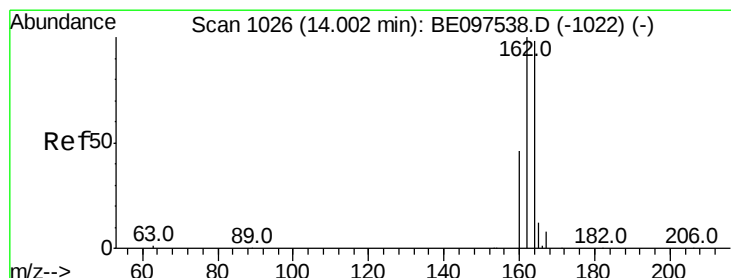
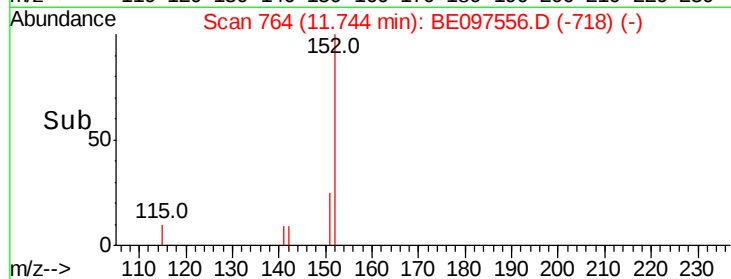
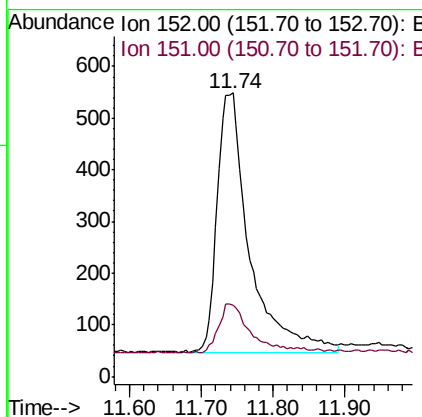
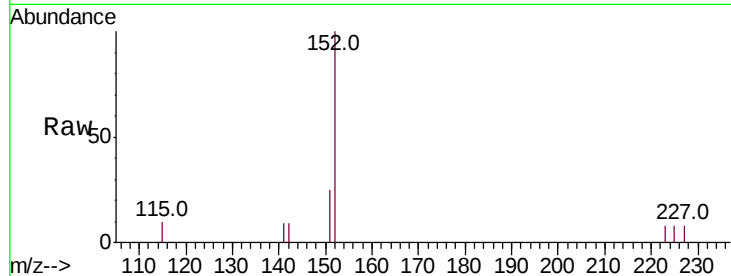
#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 11.74 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308I-20180915

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0

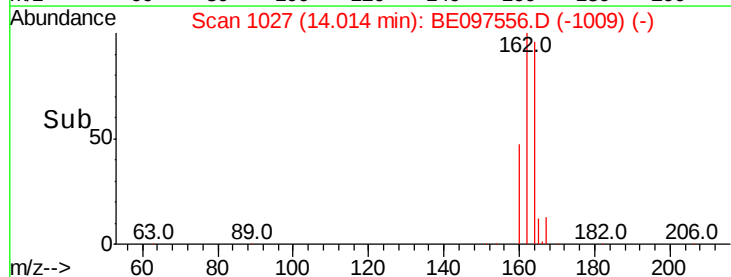
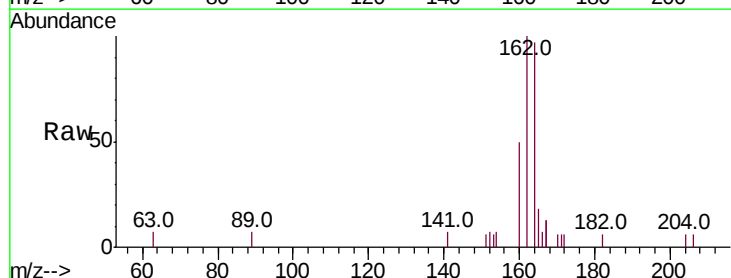
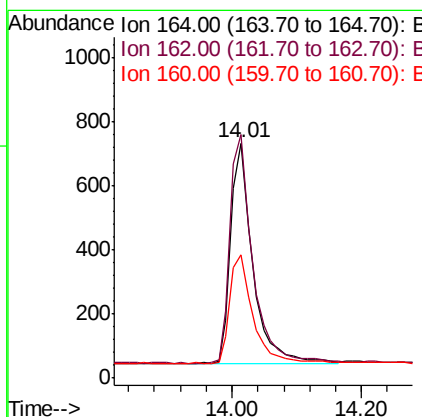
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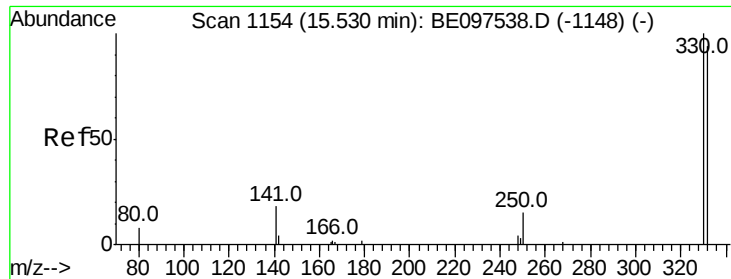
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.1	124.7
160	52.3	37.1	55.7





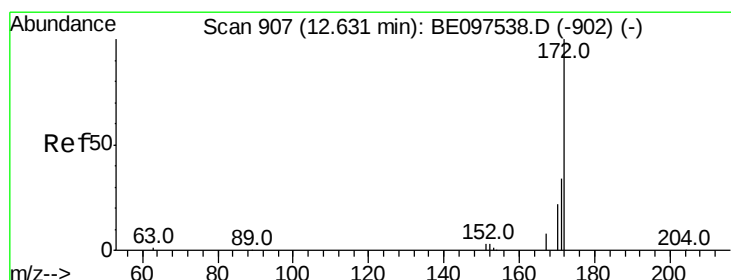
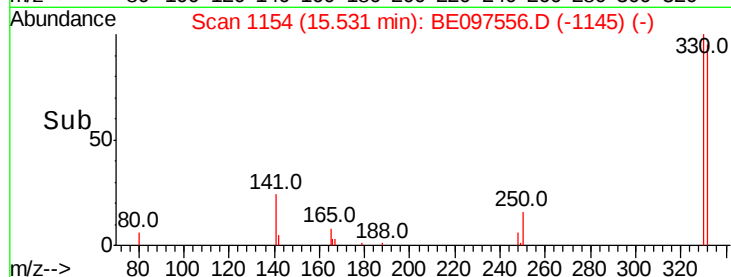
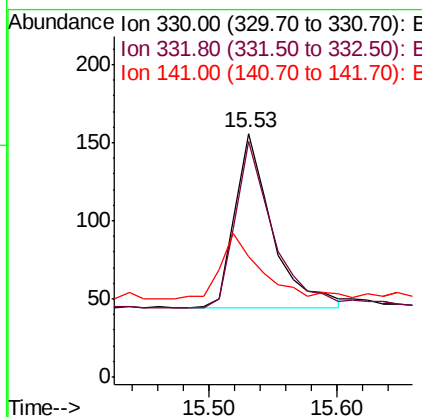
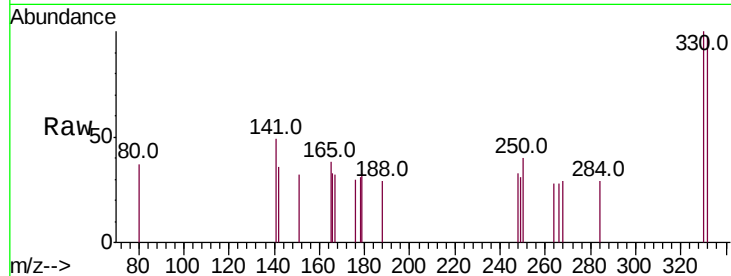
#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097556.D
 Acq: 20 Sep 2018 00:58

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW308I-20180915

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	152.7	229.1#
141	40.6	33.7	50.5

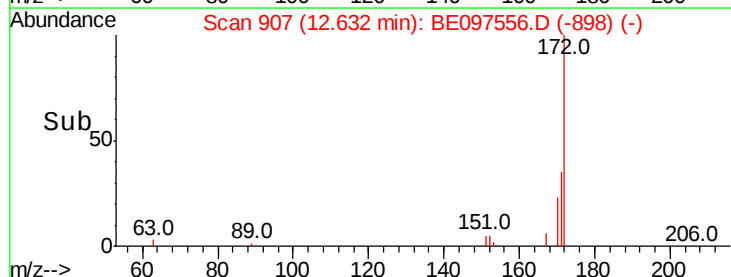
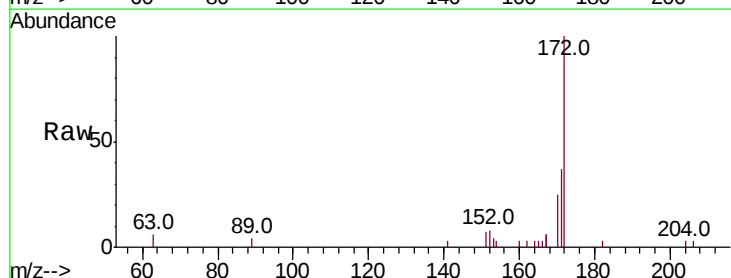
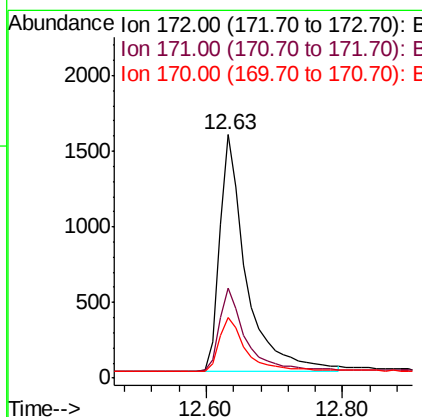
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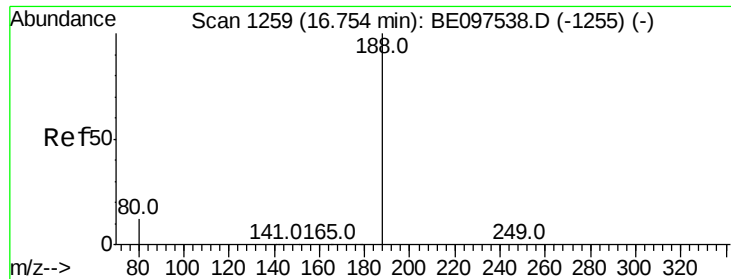
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#15
 2-Fluorobiphenyl
 Concen: 0.744 ng
 RT: 12.63 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097556.D
 Acq: 20 Sep 2018 00:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	25.1	21.8	32.8





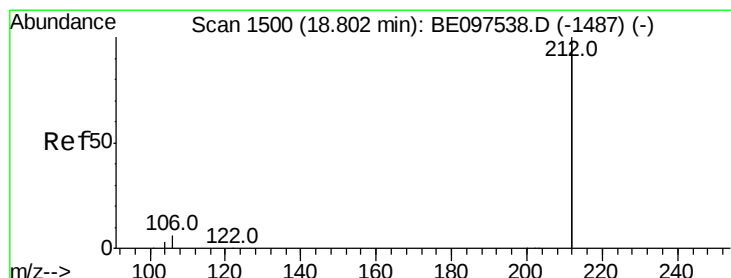
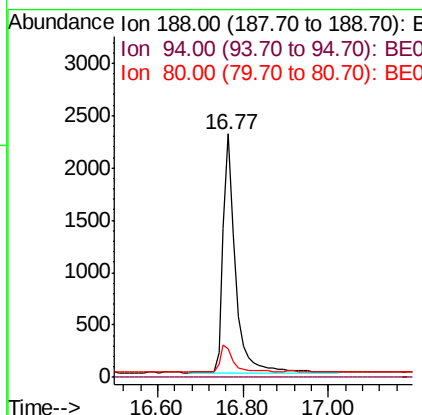
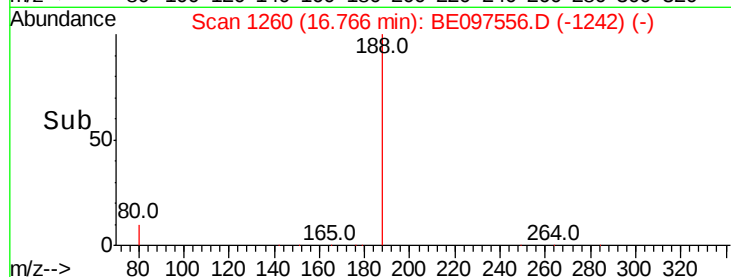
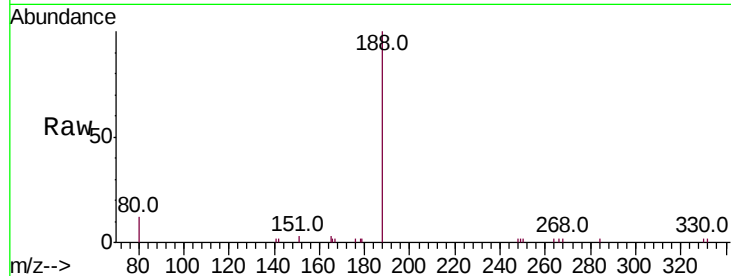
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308I-20180915

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	3.9	5.9#	
80	11.9	3.6	5.4#	

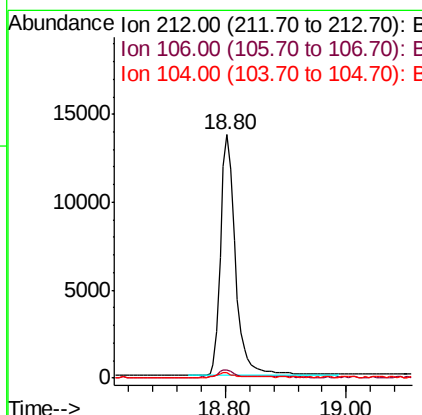
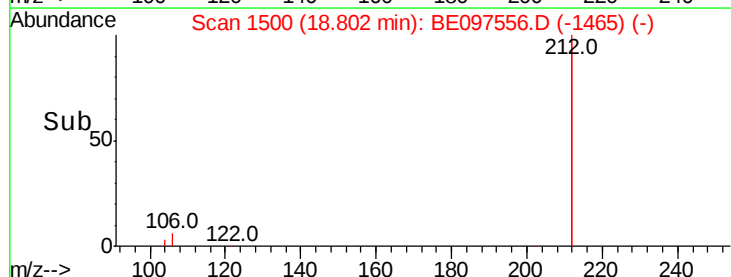
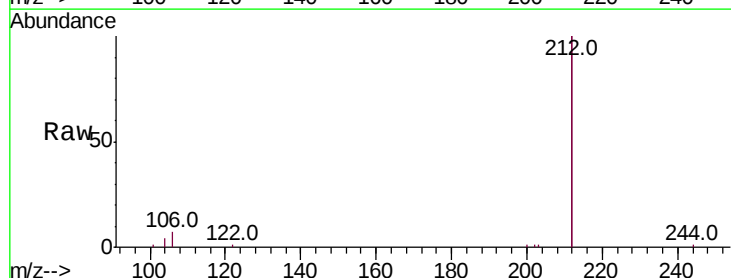
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#25
Fluoranthene-d10
Concen: 0.392 ng
RT: 18.80 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
212	100			
106	3.3	2.8	4.2	
104	1.8	1.6	2.4	





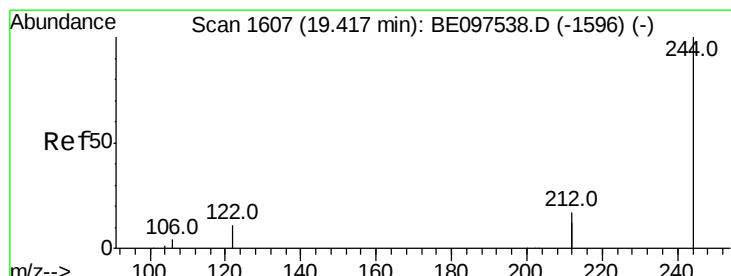
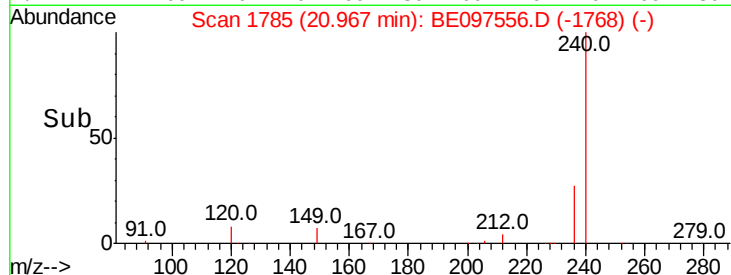
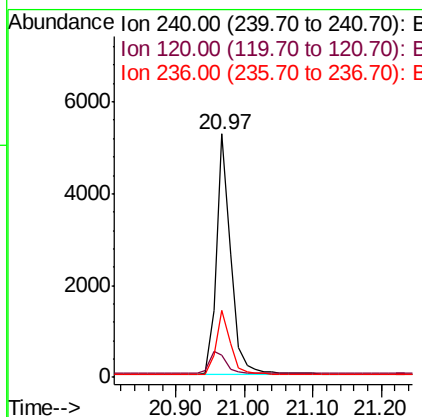
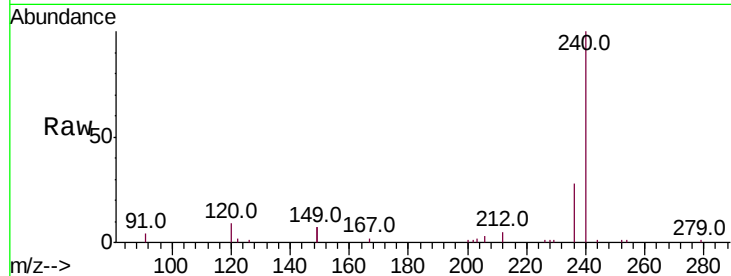
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE097556.D
 Acq: 20 Sep 2018 00:58

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW308I-20180915

Tot Ion:240 Resp: 7685
 Ion Ratio Lower Upper
 240 100
 120 9.4 5.5 8.3#
 236 27.5 20.7 31.1

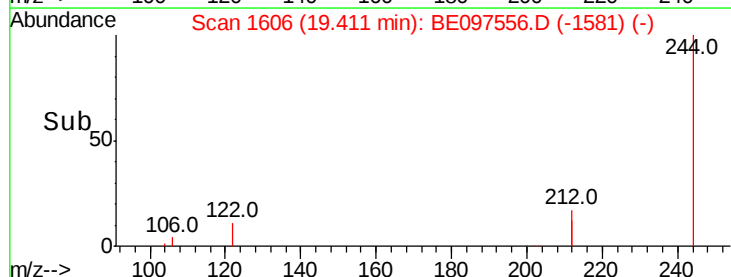
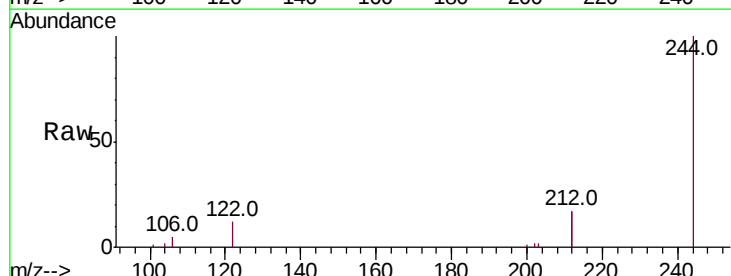
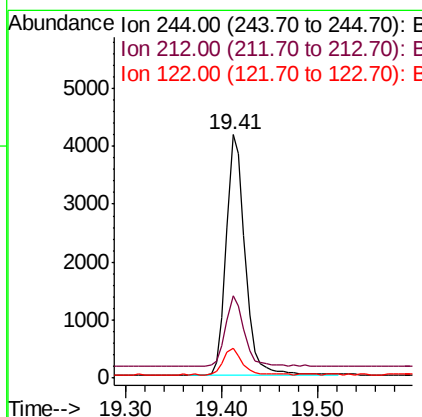
Manual Integrations
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#29
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 19.41 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BE097556.D
 Acq: 20 Sep 2018 00:58

Tgt Ion:244 Resp: 5675
 Ion Ratio Lower Upper
 244 100
 212 33.8 25.4 38.0
 122 12.3 8.1 12.1#





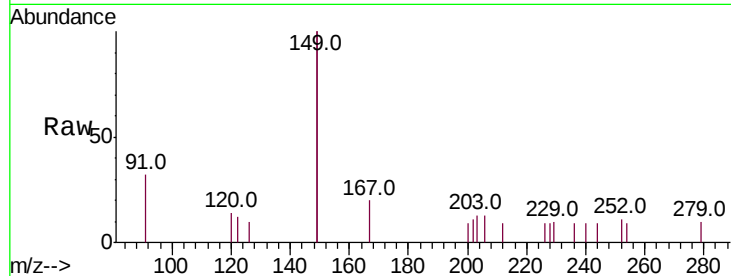
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 20.91 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BE097556.D
 Acq: 20 Sep 2018 00:58

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW308I-20180915

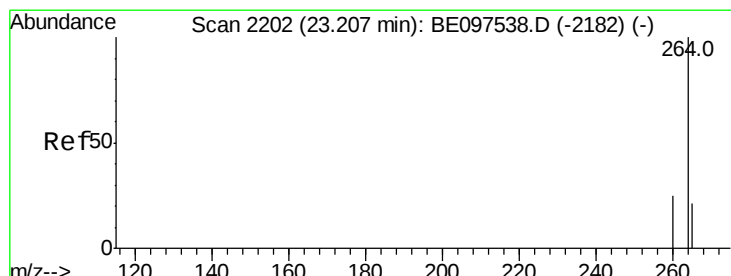
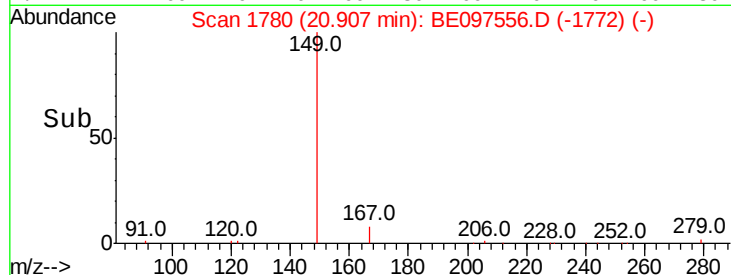
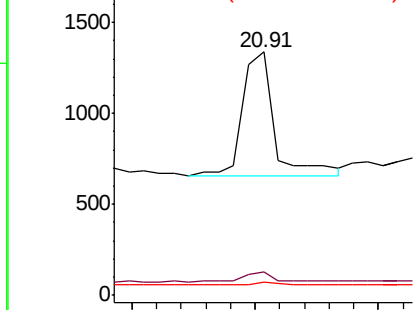
Tot Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	2.1	0.7	1.1

Manual Integrations
 APPROVED

Sohil
 9/20/2018 3:34:42 PM



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: BE097556.D
 Acq: 20 Sep 2018 00:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	28.7	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

