

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
 Data File : BE097665.D
 Acq On : 25 Sep 2018 19:43
 Operator : SJ/JU
 Sample : J5033-17MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

Manual Integrations
 APPROVED

Sohil
 9/26/2018 6:00:19 PM

Quant Time: Sep 26 08:09:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 18:40:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	811	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3504	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1895	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	5724	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8567	0.40	ng	0.00
34) Perylene-d12	23.20	264	8078	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	423	0.20	ng	0.00
5) Phenol-d6	6.64	99	326m	0.11	ng	0.02
8) Nitrobenzene-d5	8.54	82	1175	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2715	0.52	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	383	0.49	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	4415	0.71	ng	-0.01
25) Fluoranthene-d10	18.80	212	35614	0.57	ng	0.00
29) Terphenyl-d14	19.41	244	8089	0.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	351	0.237	ng	# 67
3) n-Nitrosodimethylamine	3.39	42	191	0.246	ng	# 92
6) bis(2-Chloroethyl)ether	6.84	93	1081	0.429	ng	87
9) Naphthalene	10.18	128	15859	0.498	ng	100
10) Hexachlorobutadiene	10.46	225	606	0.418	ng	96
12) 2-Methylnaphthalene	11.80	142	2465	0.489	ng	98
16) Acenaphthylene	13.71	152	3832	0.503	ng	99
17) Acenaphthene	14.06	154	2435	0.489	ng	96
18) Fluorene	15.06	166	3385	0.484	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1167	0.460	ng	# 85
21) Hexachlorobenzene	16.07	284	1178	0.403	ng	# 86
22) Pentachlorophenol	16.44	266	971	1.326	ng	# 75
23) Phenanthrene	16.80	178	7023	0.519	ng	98
24) Anthracene	16.89	178	6099	0.542	ng	96
26) Fluoranthene	18.83	202	9688	0.596	ng	99
28) Pyrene	19.19	202	10104	0.452	ng	99
30) Benzo(a)anthracene	20.95	228	11400	0.563	ng	95
31) Chrysene	21.00	228	11465	0.484	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	18001	0.778	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	12632	0.506	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	10531	0.510	ng	# 88
36) Benzo(k)fluoranthene	22.57	252	12679	0.519	ng	95
37) Benzo(a)pyrene	23.10	252	10541	0.517	ng	# 92
38) Dibenzo(a,h)anthracene	25.51	278	10286	0.480	ng	# 94
39) Benzo(g,h,i)perylene	26.20	276	10305	0.483	ng	# 91

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

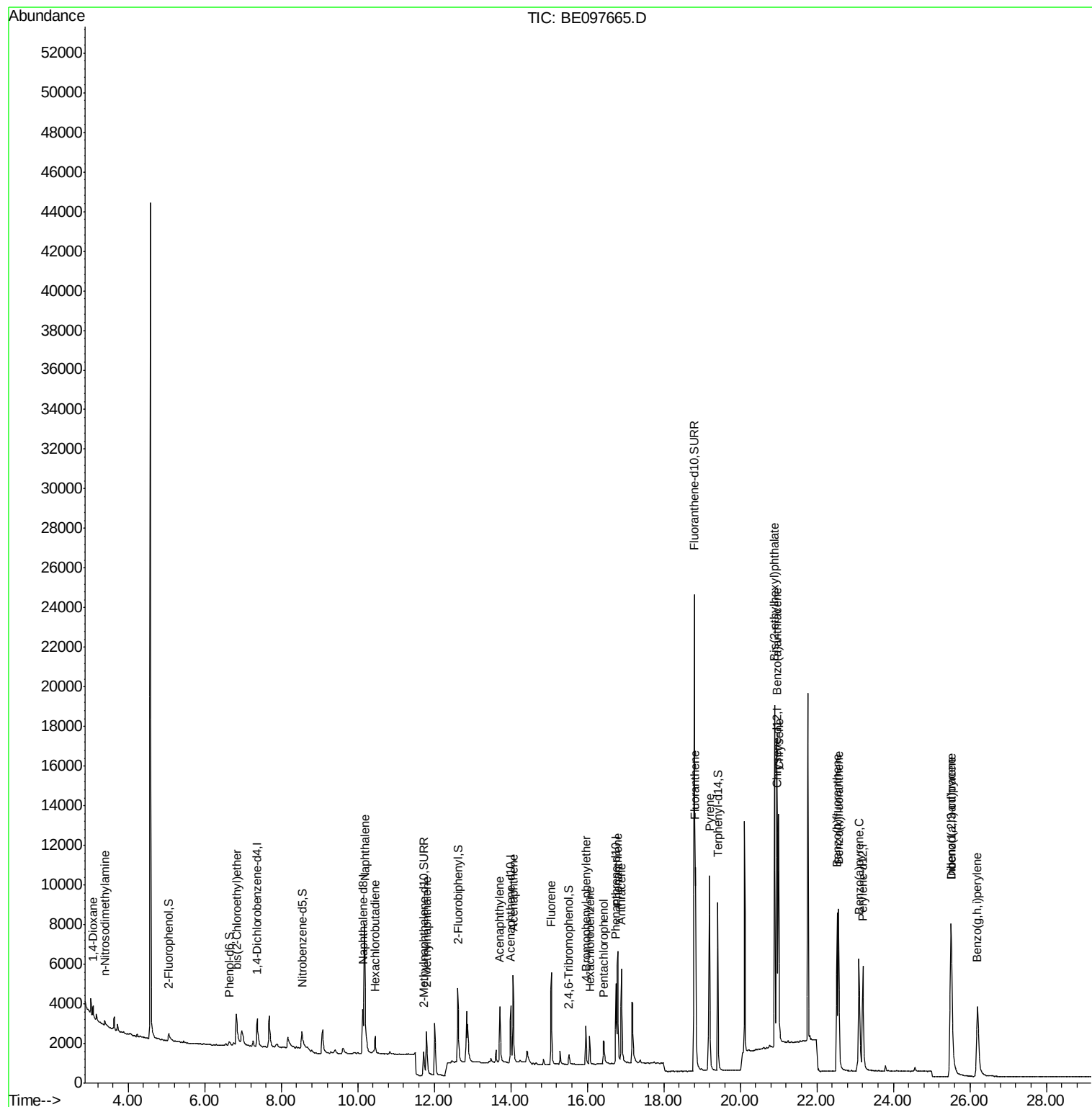
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
Data File : BE097665.D
Acq On : 25 Sep 2018 19:43
Operator : SJ/JU
Sample : J5033-17MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

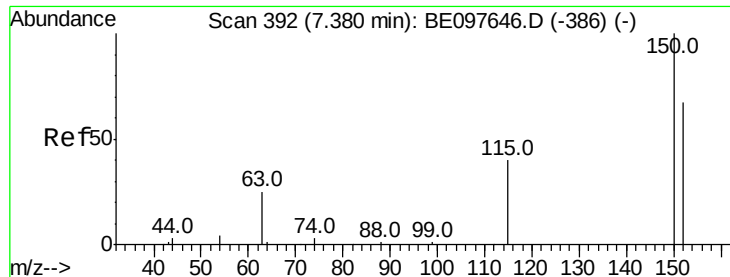
Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

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#1

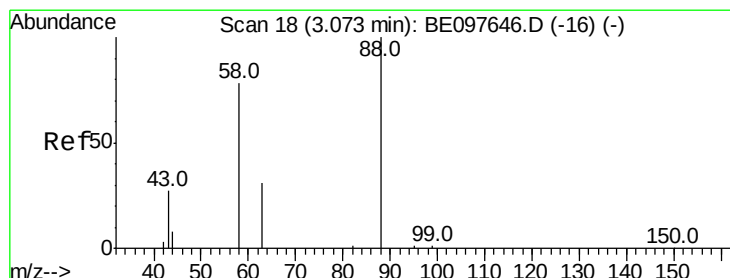
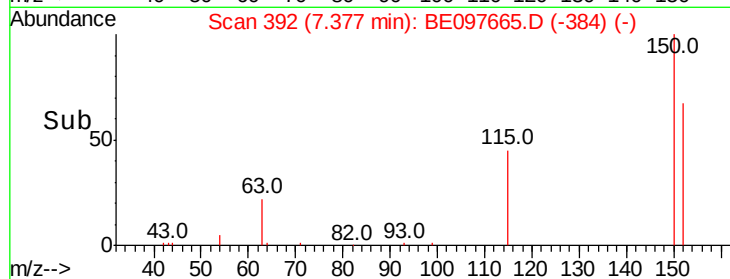
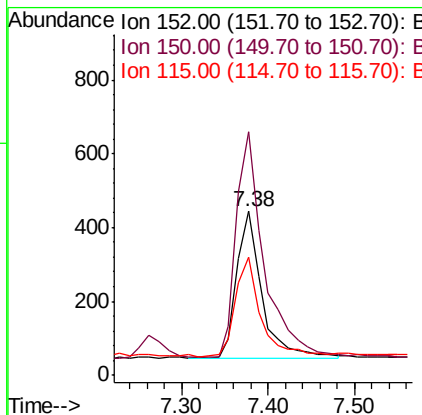
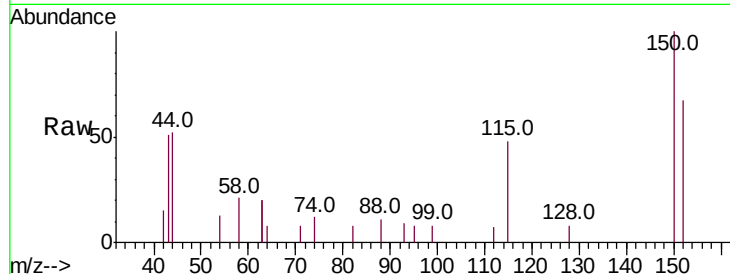
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	117.2	175.8
115	72.0	57.0	85.6

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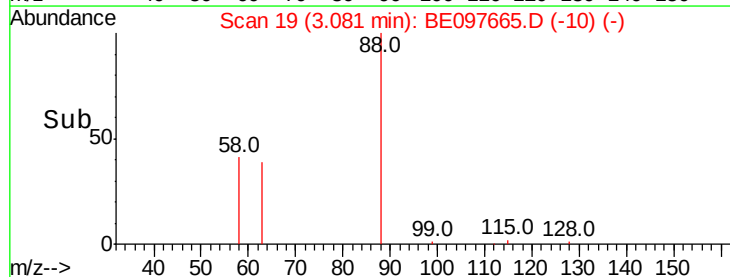
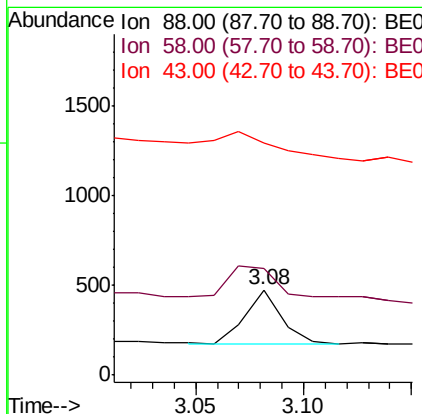
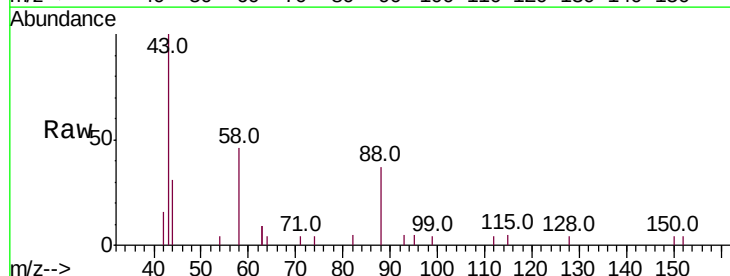
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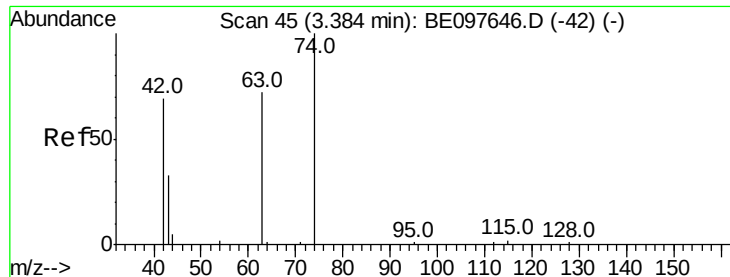


#2

1,4-Dioxane
Concen: 0.237 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	63.2	94.8
43	96.6	41.2	61.8#





#3

n-Nitrosodimethylamine

Concen: 0.246 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

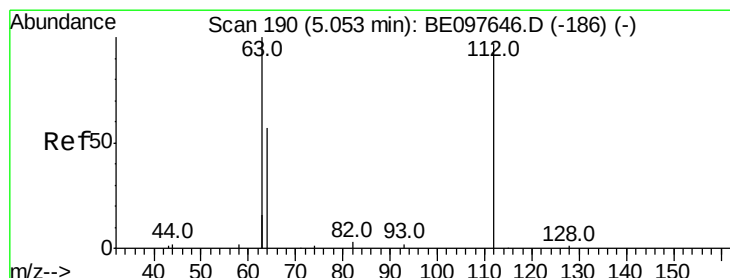
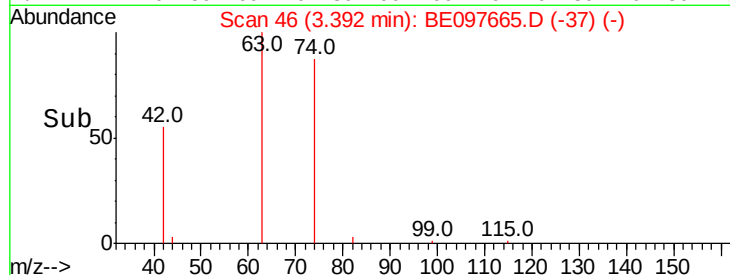
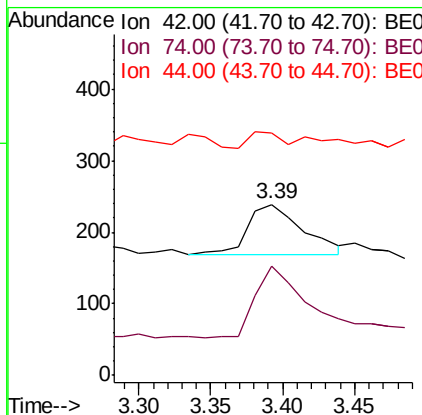
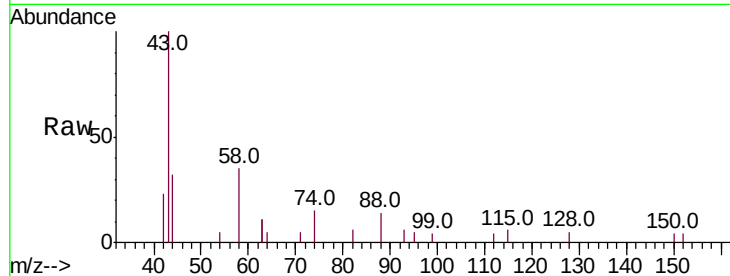
BPSI-TT-MW311I-20180919MSD

Tot Ion:	42	Resp:	191
Ion Ratio	Lower	Upper	
42	100		
74	129.3	96.0	144.0
44	18.3	12.0	18.0#

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#4

2-Fluorophenol

Concen: 0.198 ng

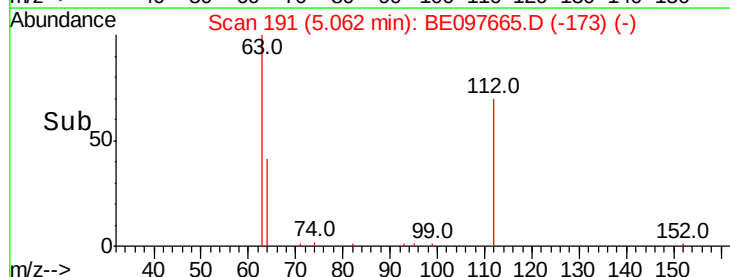
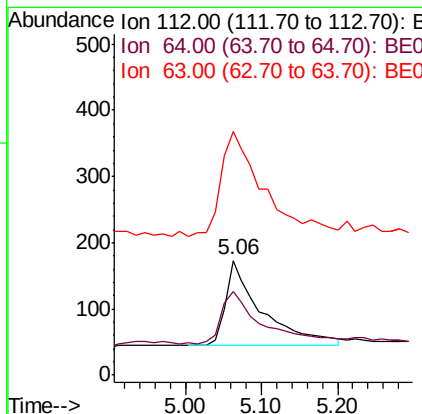
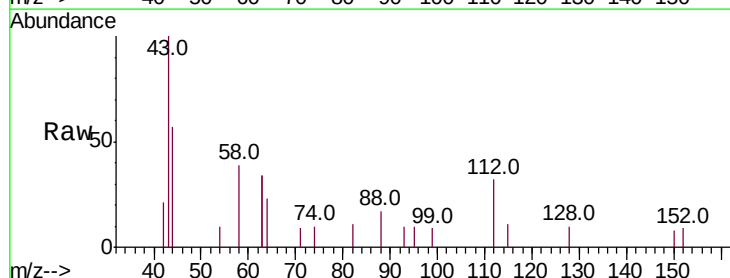
RT: 5.06 min Scan# 191

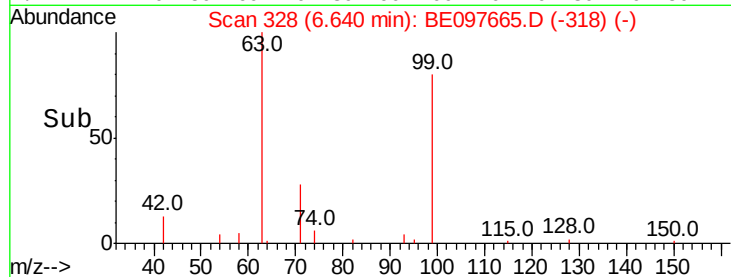
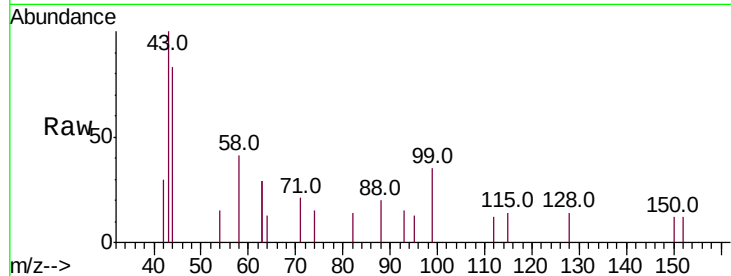
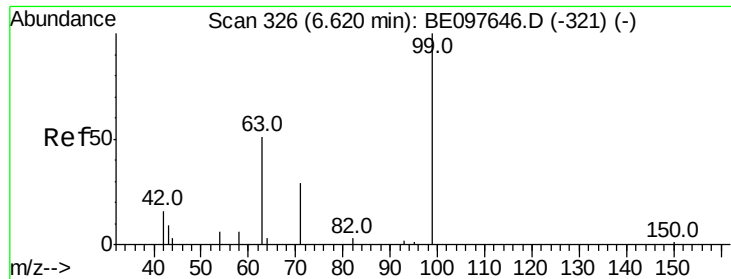
Delta R.T. 0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Tgt Ion:	112	Resp:	423
Ion Ratio	Lower	Upper	
112	100		
64	67.8	60.1	90.1
63	146.1	116.8	175.2





#5

Phenol-d6

Concen: 0.108 ng/ml

RT: 6.64 min Scan# 328

Delta R.T. 0.02 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Tot Ion	99	Resp	326
Ion Ratio	Lower	Upper	
99	100		
42	20.9	20.2	30.2
71	28.2	28.4	42.6#

Instrument :

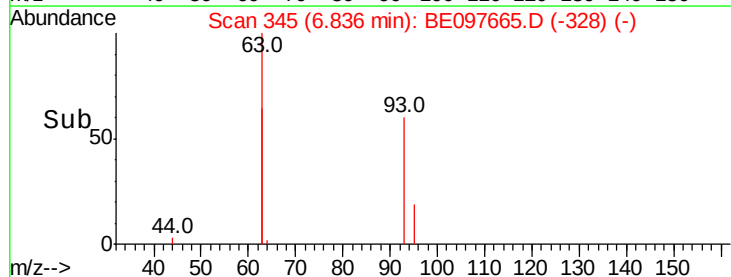
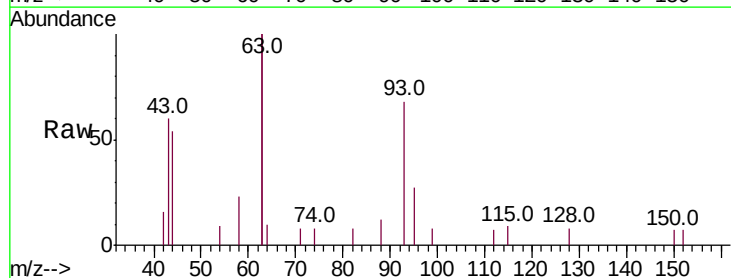
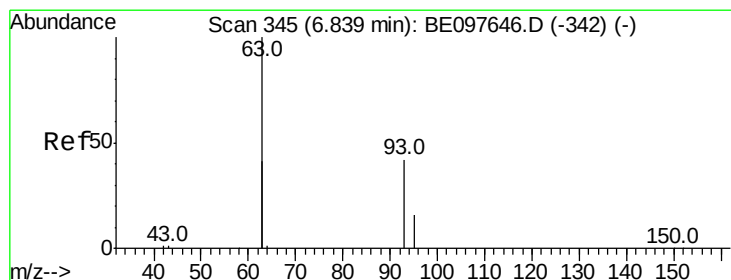
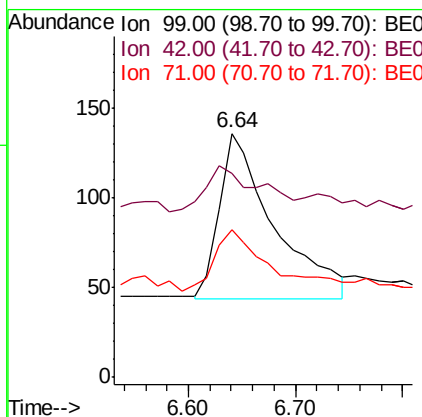
BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.429 ng

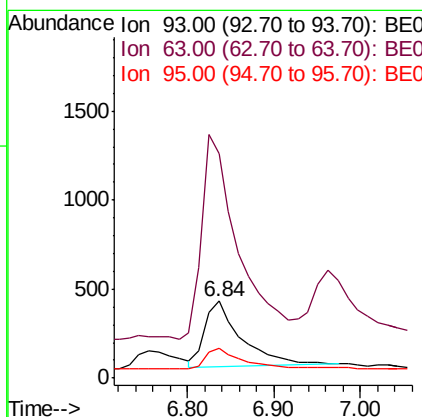
RT: 6.84 min Scan# 345

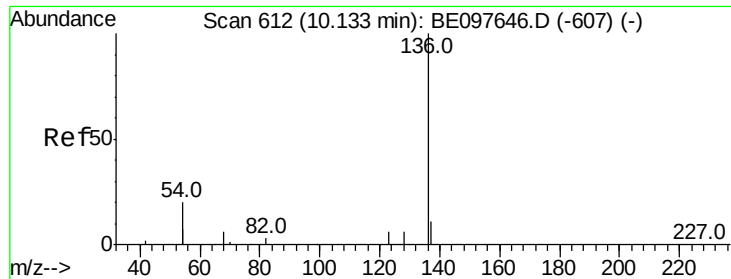
Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Tgt Ion	93	Resp	1081
Ion Ratio	Lower	Upper	
93	100		
63	314.0	275.3	412.9
95	34.0	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

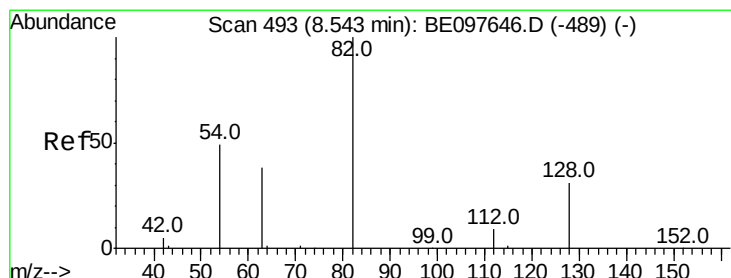
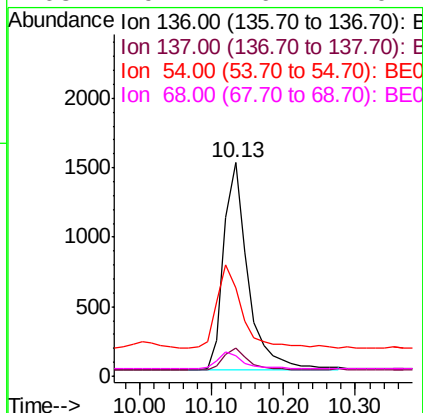
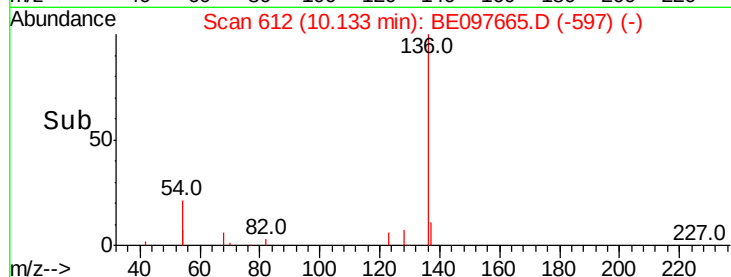
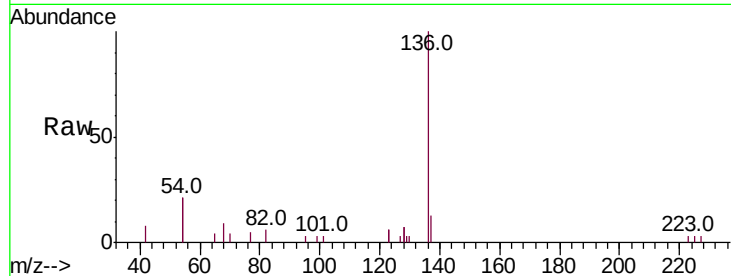
ClientSampleId :

BPSI-TT-MW311I-20180919MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.5	14.3
54	41.1	29.1	43.7
68	9.4	6.2	9.2#

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.525 ng

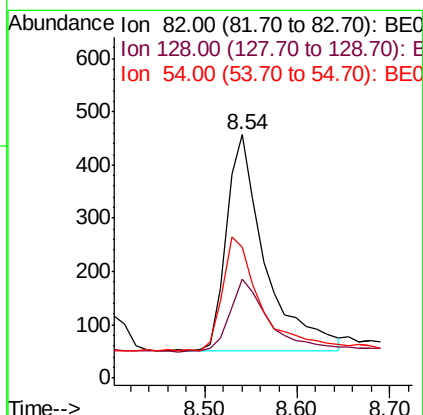
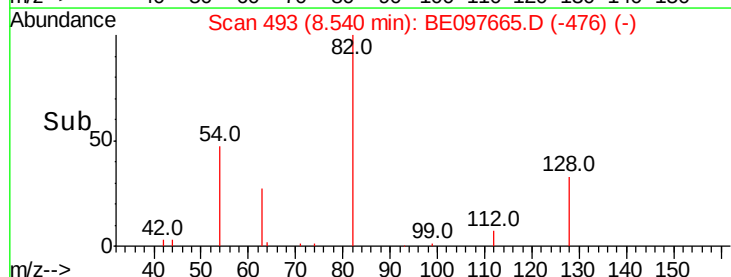
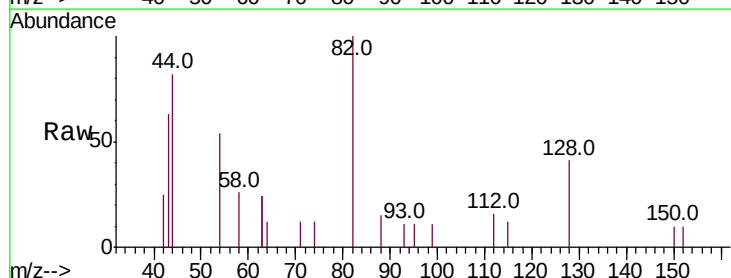
RT: 8.54 min Scan# 493

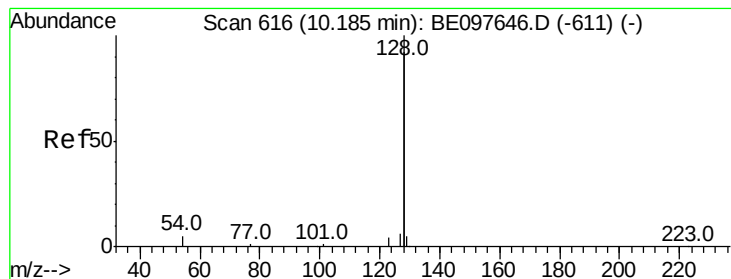
Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.7	24.0	36.0#
54	53.6	40.0	60.0





#9

Naphthalene

Concen: 0.498 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

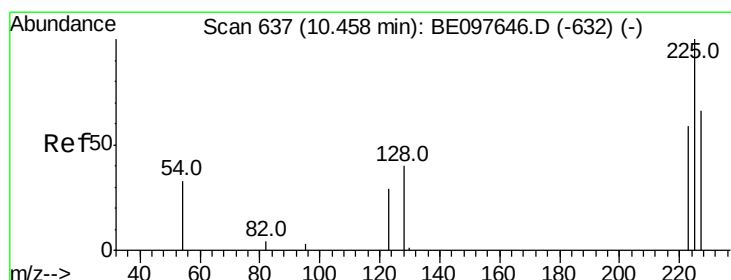
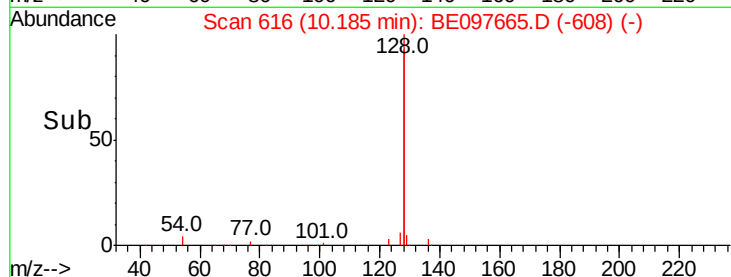
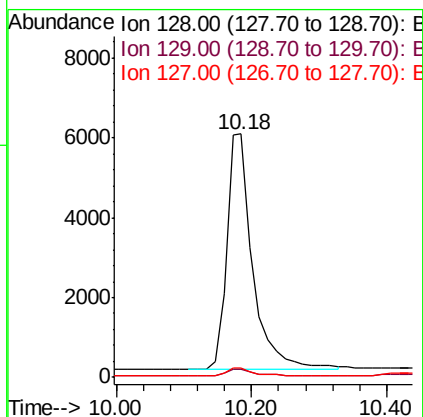
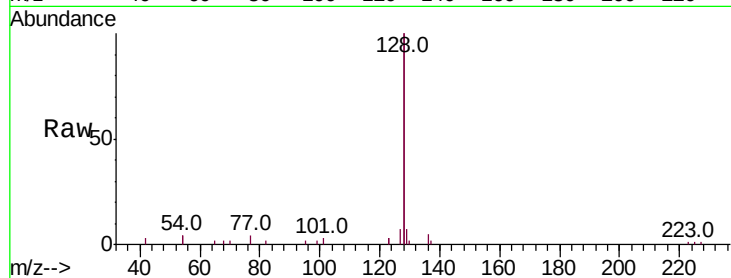
BPSI-TT-MW311I-20180919MSD

Tot Ion:	128	Resp:	15859
Ion Ratio	Lower	Upper	
128	100		
129	3.3	2.6	3.8
127	3.7	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.418 ng

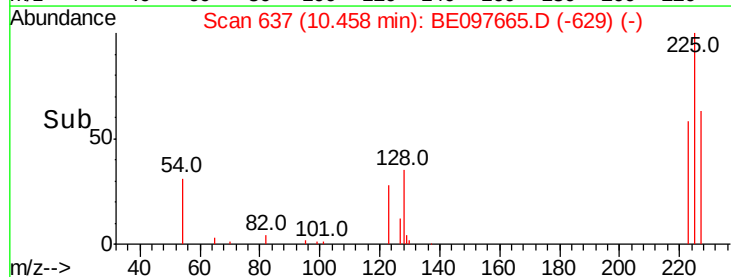
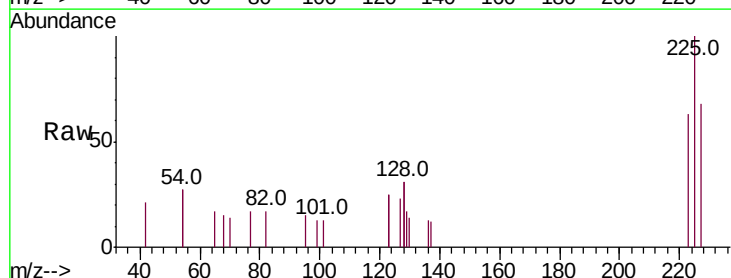
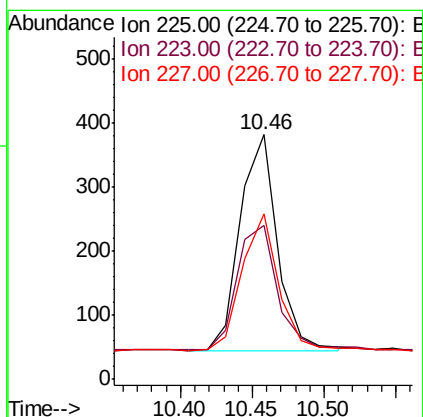
RT: 10.46 min Scan# 637

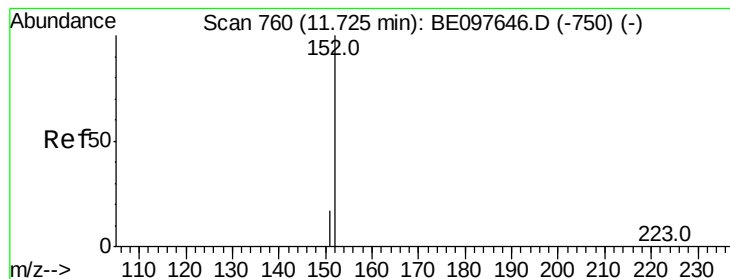
Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Tgt Ion:	225	Resp:	606
Ion Ratio	Lower	Upper	
225	100		
223	62.0	53.0	79.6
227	62.2	51.4	77.2





#11

2-Methylnaphthalene-d10

Concen: 0.523 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

Tot Ion:152 Resp: 2715

Ion Ratio Lower Upper

152 100

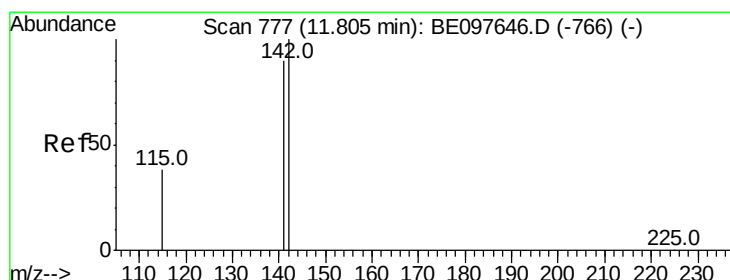
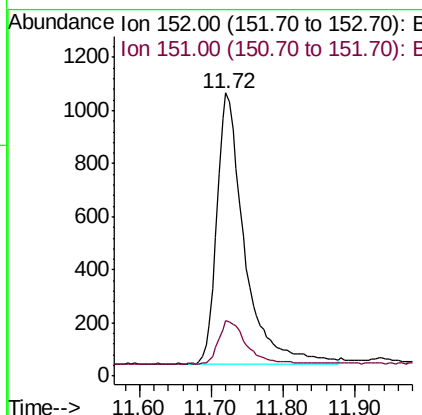
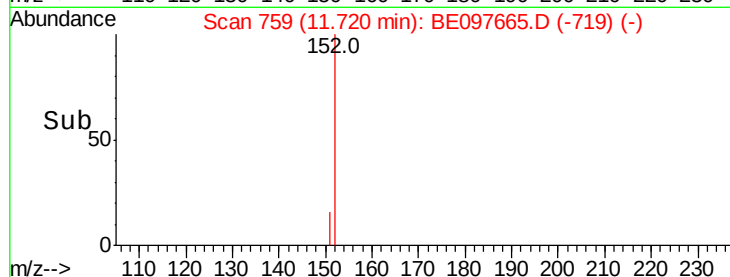
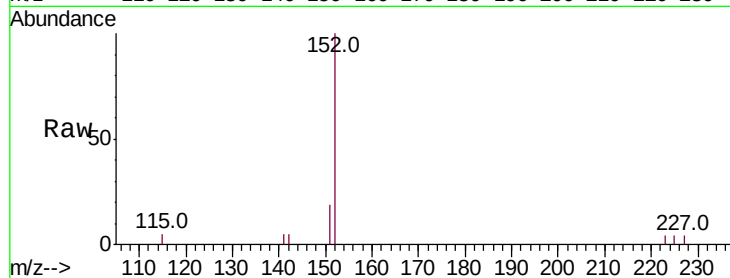
151 16.0 15.4 23.0

Manual Integrations

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#12

2-Methylnaphthalene

Concen: 0.489 ng

RT: 11.80 min Scan# 776

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

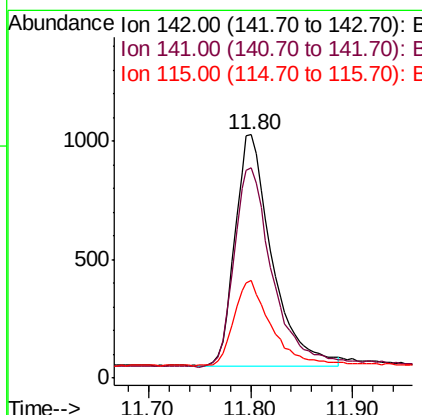
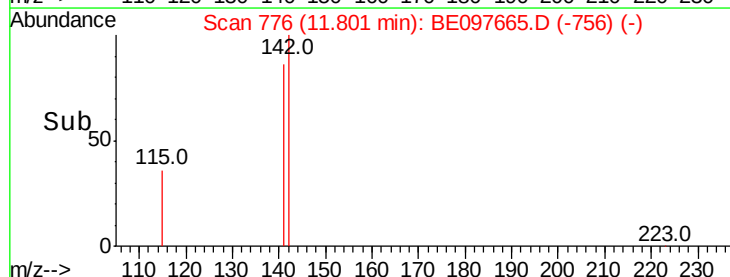
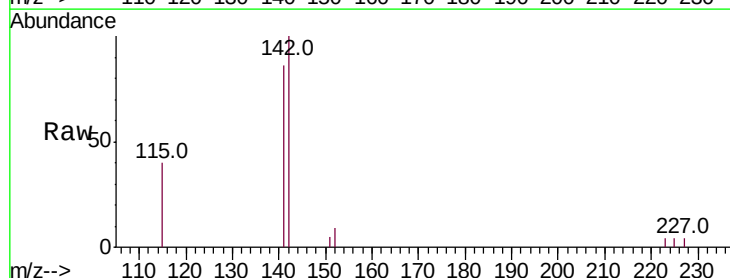
Tgt Ion:142 Resp: 2465

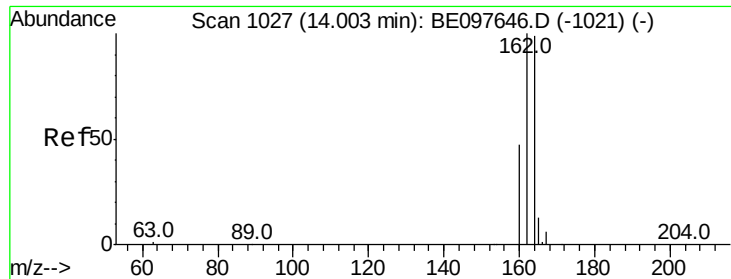
Ion Ratio Lower Upper

142 100

141 86.2 70.4 105.6

115 40.0 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: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

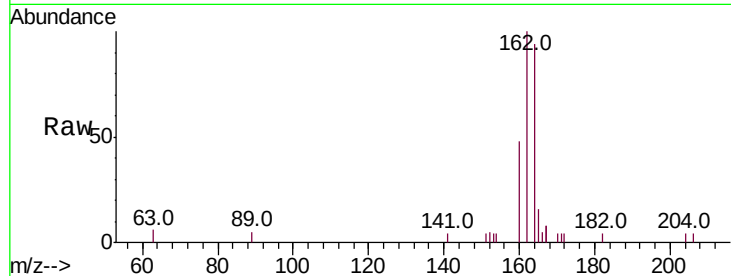
ClientSampleId :

BPSI-TT-MW311I-20180919MSD

Tot Ion:	164	Resp:	1895
Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.1	124.7
160	51.0	37.1	55.7

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Abundance

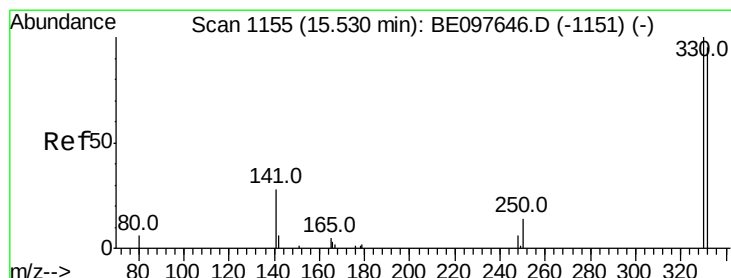
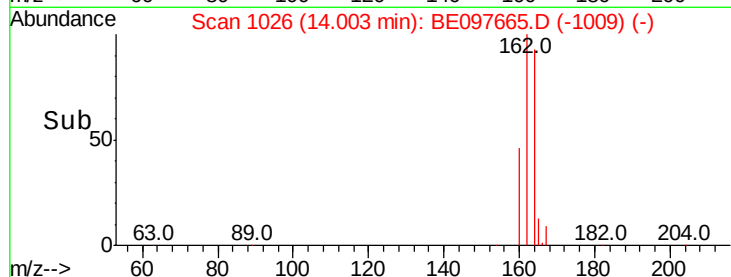
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.00

Time--> 13.80 14.00 14.20



#14

2,4,6-Tribromophenol

Concen: 0.485 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Tgt Ion:	330	Resp:	383
Ion	Ratio	Lower	Upper
330	100		
332	99.0	152.7	229.1#
141	34.2	33.7	50.5

Abundance

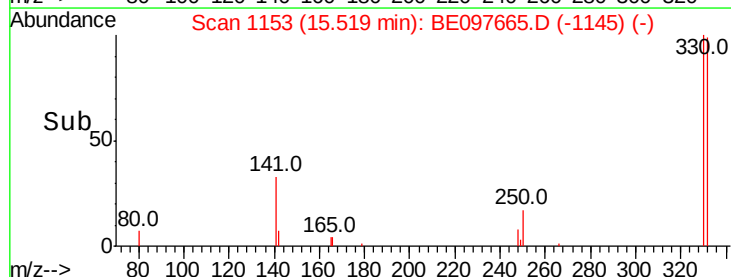
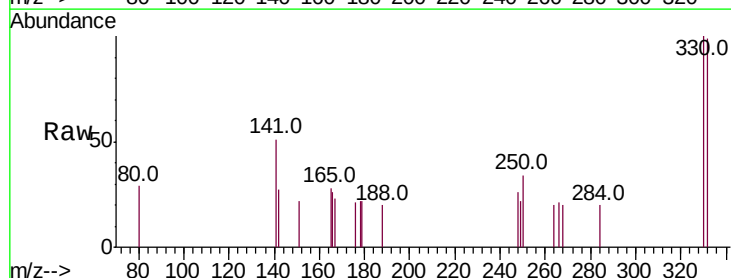
Ion 330.00 (329.70 to 330.70): E

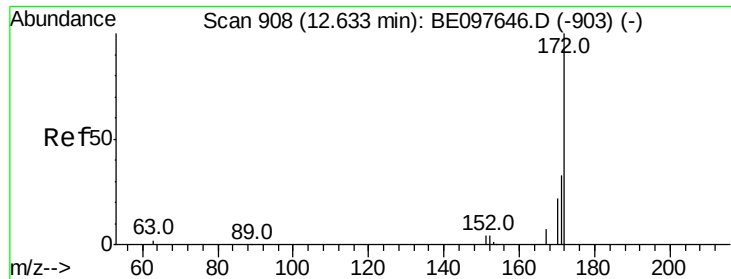
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.52

Time--> 15.45 15.50 15.55 15.60





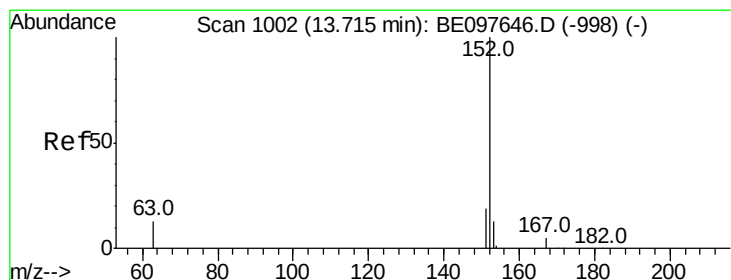
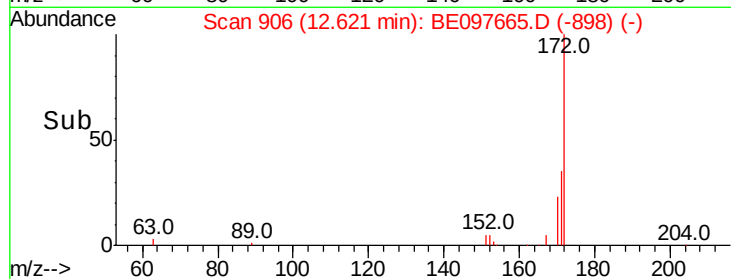
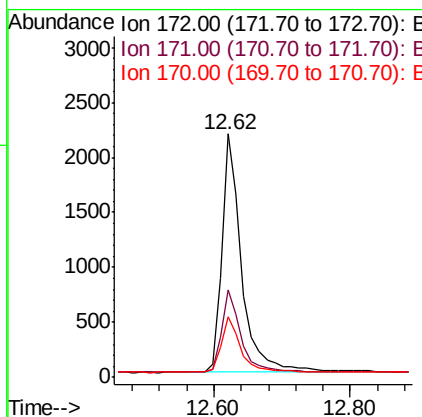
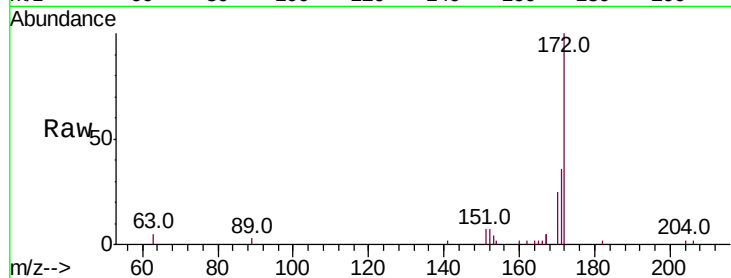
#15
2-Fluorobiphenyl
Concen: 0.714 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	24.9	21.8	32.8

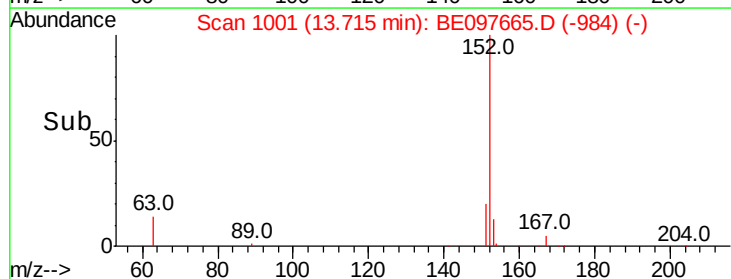
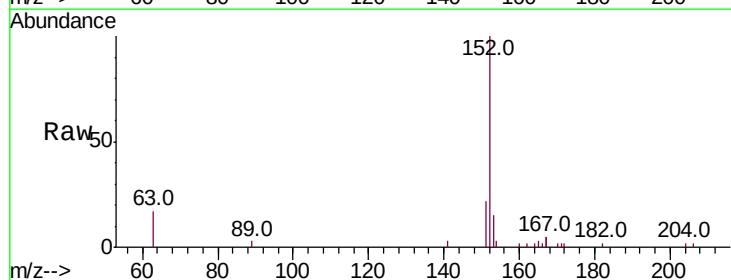
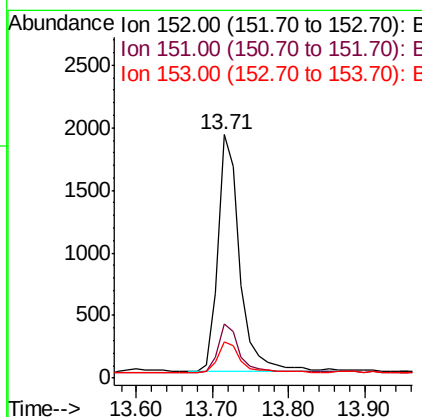
Manual Integrations
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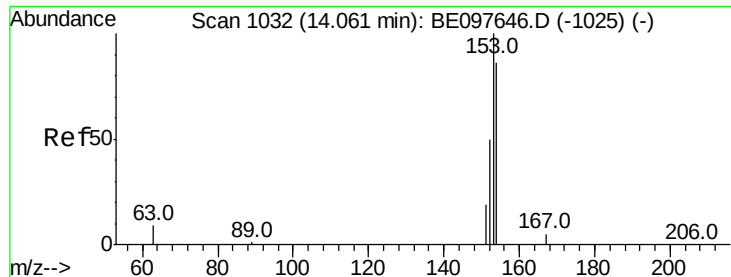
Sohil
9/26/2018 6:00:19 PM



#16
Acenaphthylene
Concen: 0.503 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.8	10.5	15.7





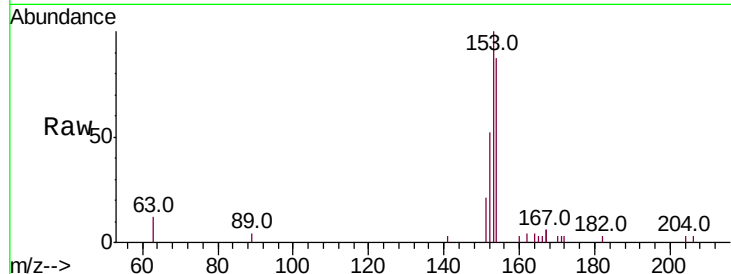
#17
Acenaphthene
Concen: 0.489 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.2	133.8
152	57.4	42.0	63.0

Manual Integrations
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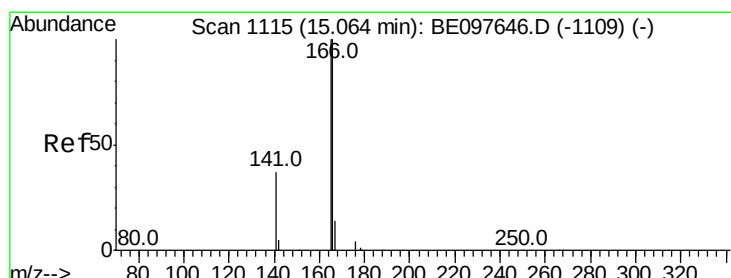
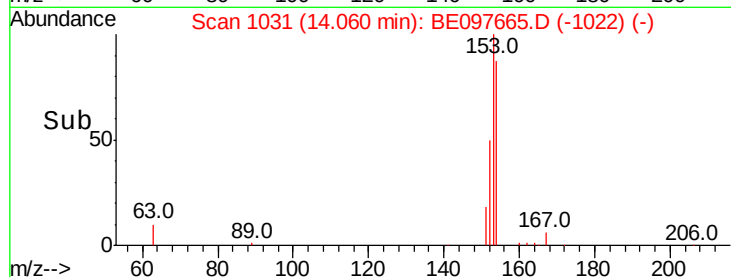
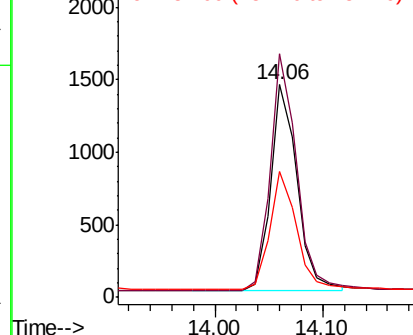


Abundance

Ion 154.00 (153.70 to 154.70): E

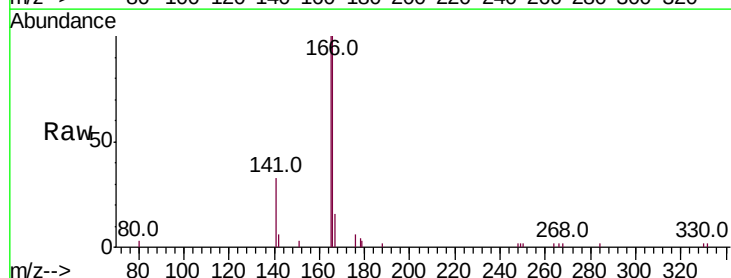
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.484 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	13.6	42.4	63.6#

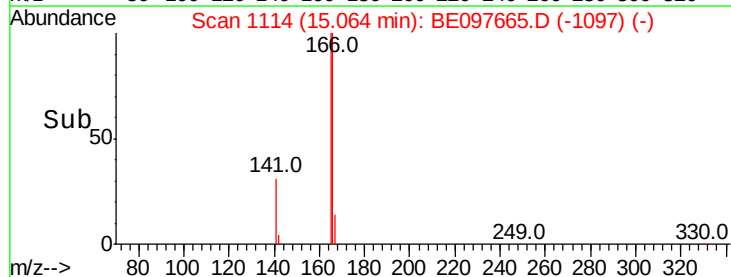
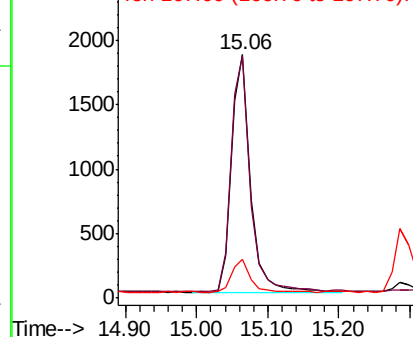


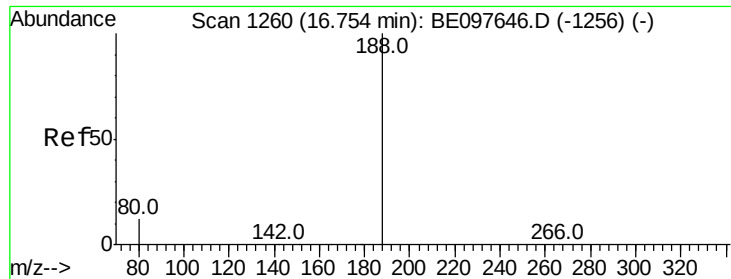
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





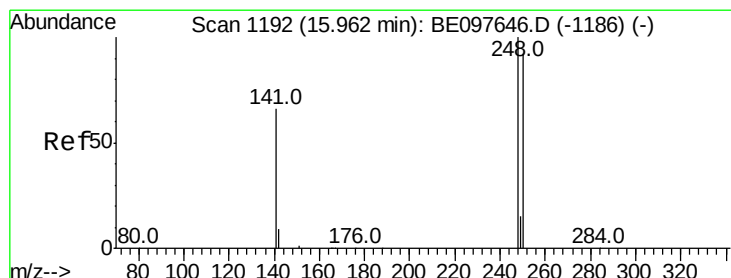
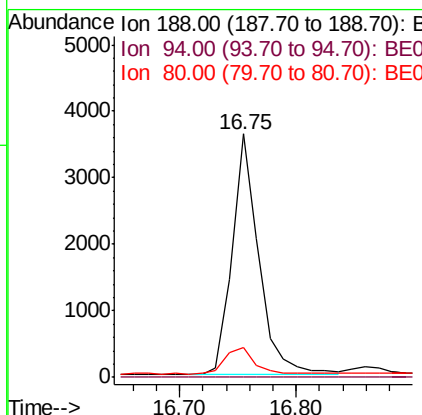
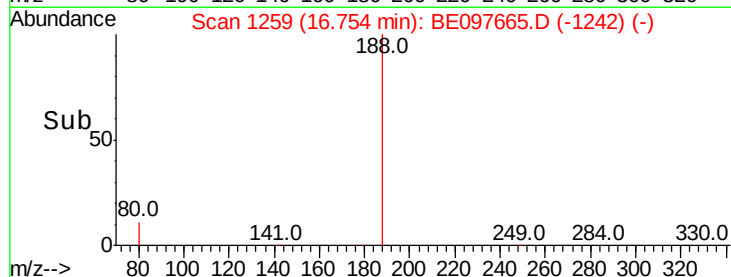
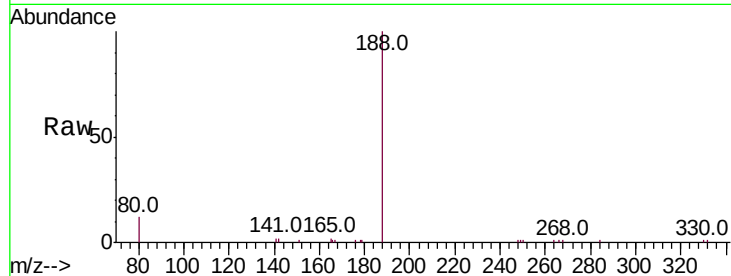
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	3.9	5.9#	
80	12.0	3.6	5.4#	

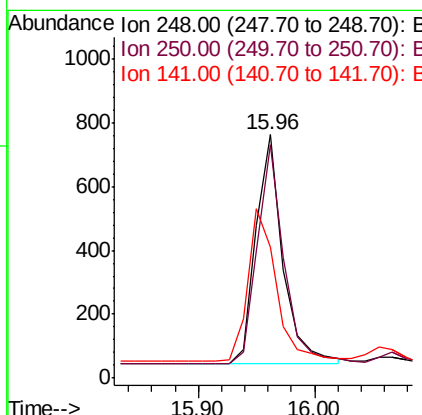
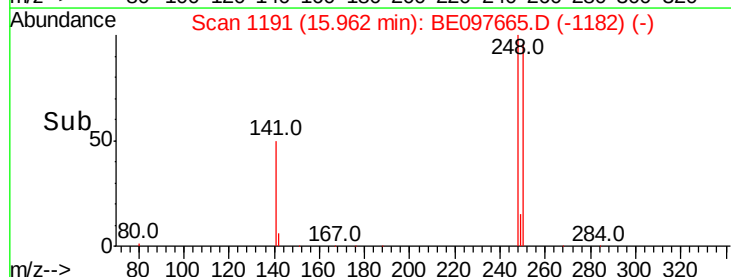
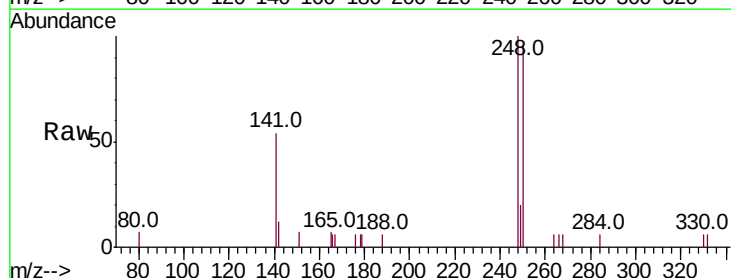
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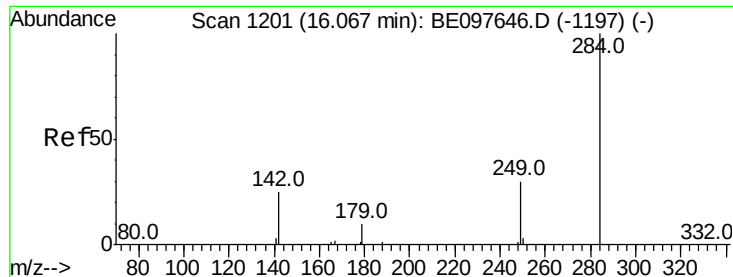
Sohil
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#20
4-Bromophenyl-phenylether
Concen: 0.460 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.1	62.7	94.1#	
141	54.0	48.2	72.2	





#21

Hexachlorobenzene

Concen: 0.403 ng

RT: 16.07 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

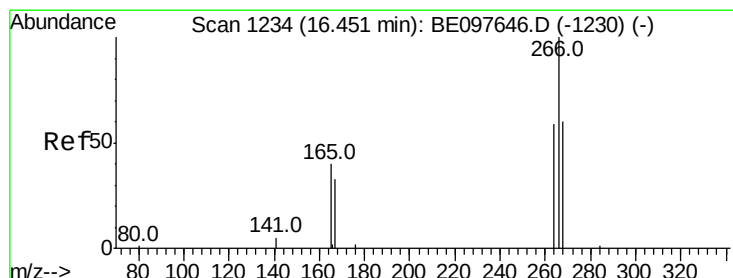
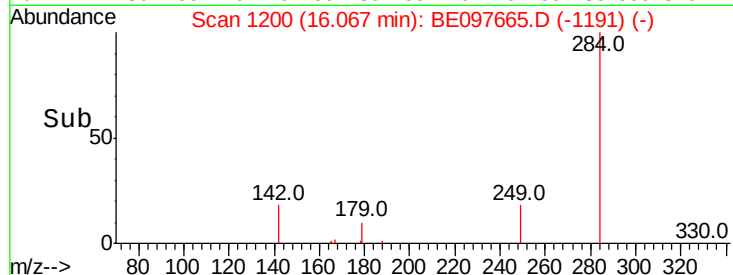
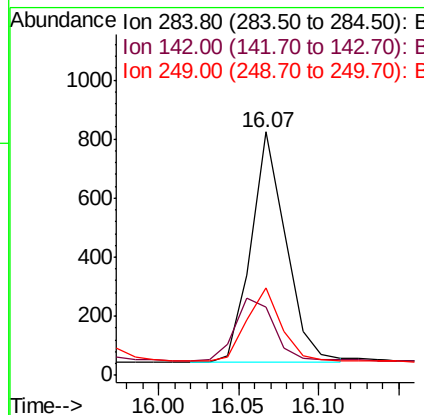
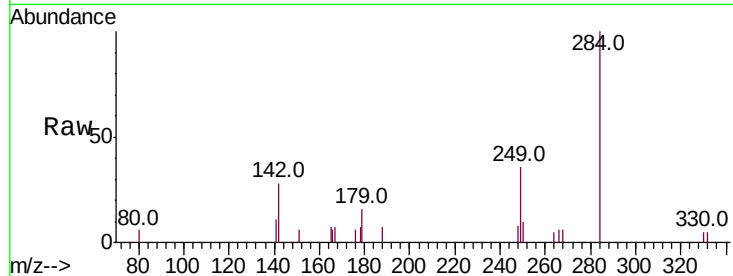
BPSI-TT-MW311I-20180919MSD

Tot Ion:	284	Resp:	1178
Ion Ratio	Lower	Upper	
284	100		
142	31.5	22.1	33.1
249	31.8	34.8	52.2#

Manual Integrations
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#22

Pentachlorophenol

Concen: 1.326 ng

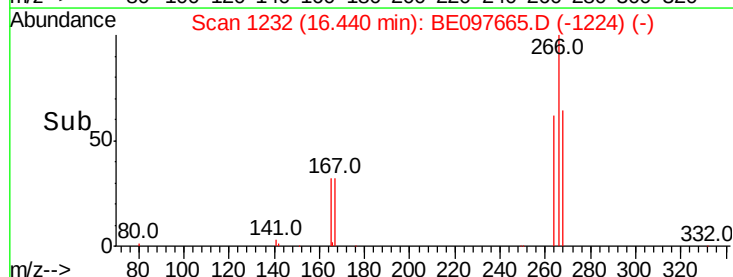
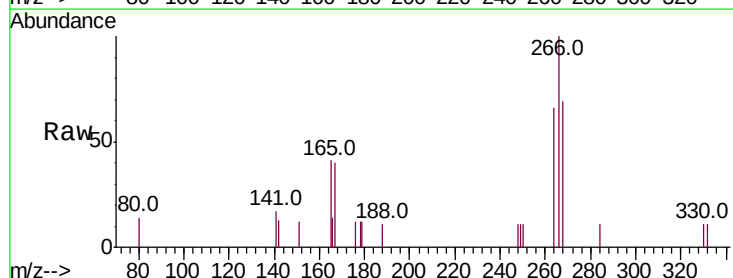
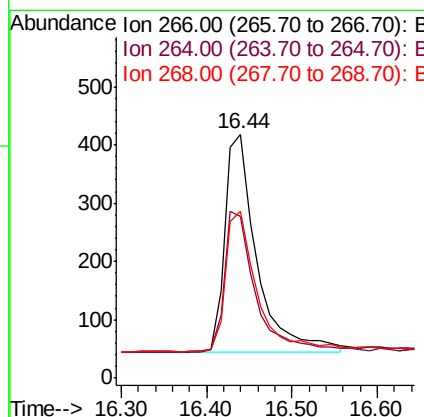
RT: 16.44 min Scan# 1232

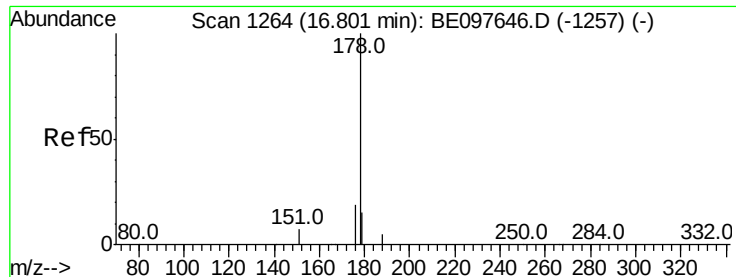
Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Tgt Ion:	266	Resp:	971
Ion Ratio	Lower	Upper	
266	100		
264	66.3	72.5	108.7#
268	68.7	73.8	110.6#





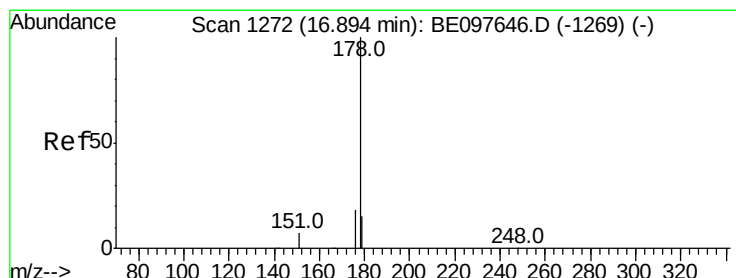
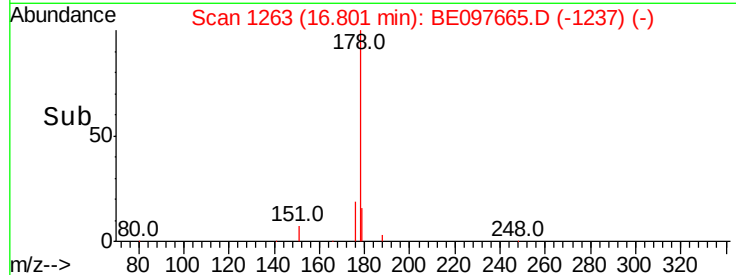
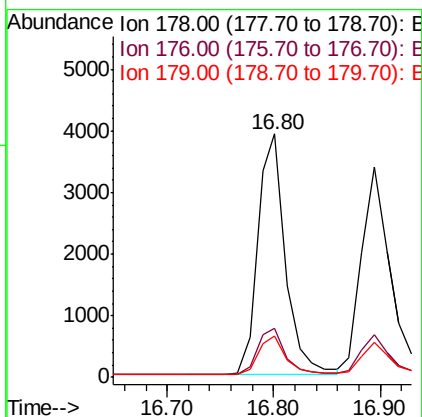
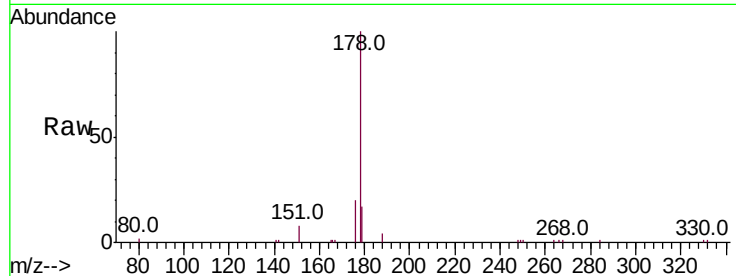
#23
Phenanthrene
Concen: 0.519 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.6	11.8	17.6

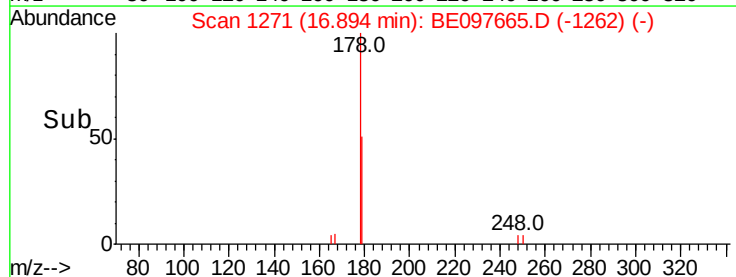
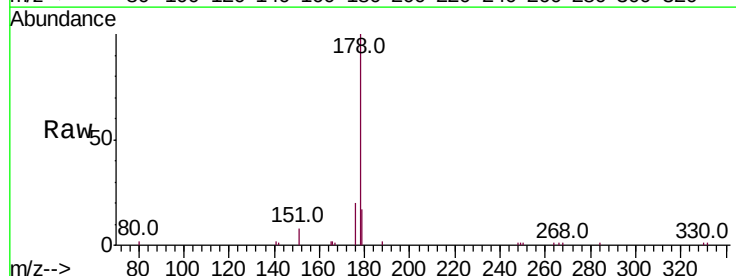
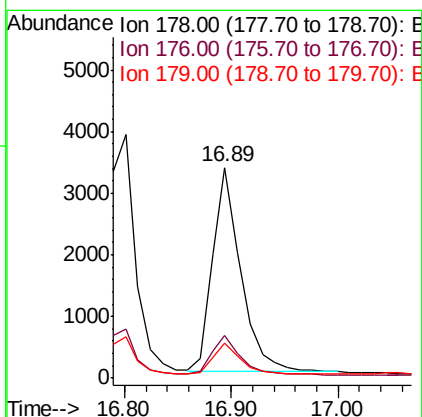
Manual Integrations
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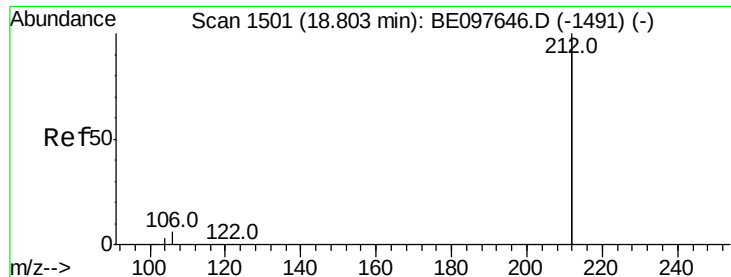
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#24
Anthracene
Concen: 0.542 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.5	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.571 ng

RT: 18.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

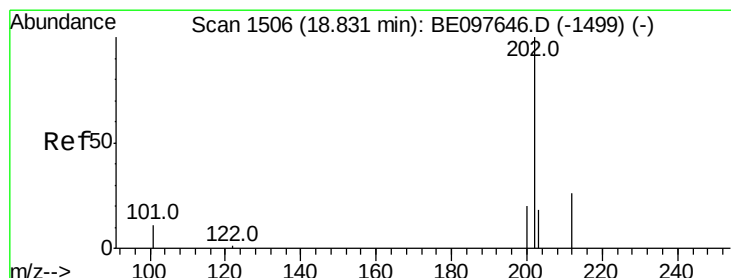
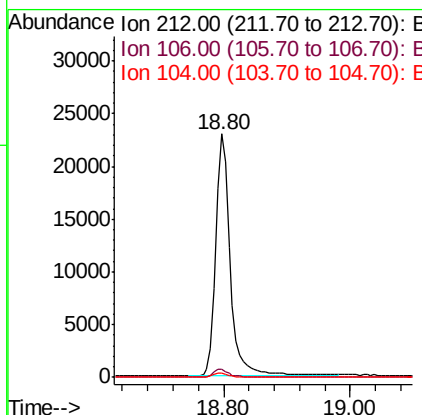
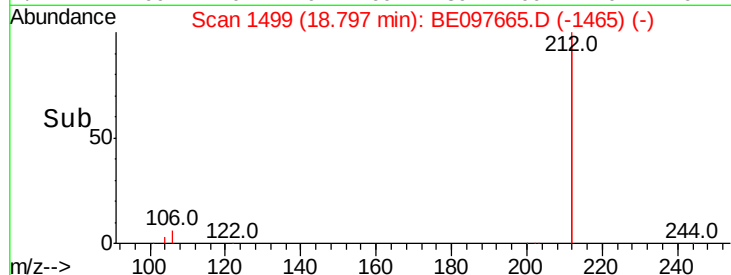
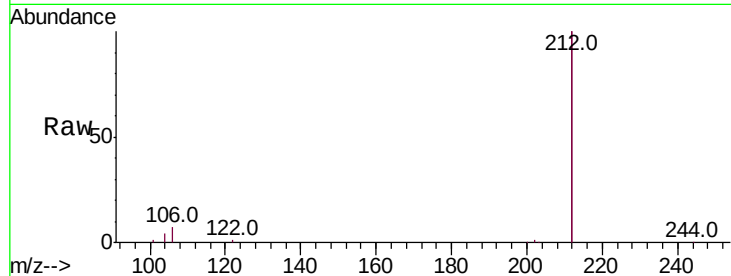
ClientSampleId :

BPSI-TT-MW311I-20180919MSD

Tot Ion:	212	Resp:	35614
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.8	4.2
104	1.8	1.6	2.4

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#26

Fluoranthene

Concen: 0.596 ng

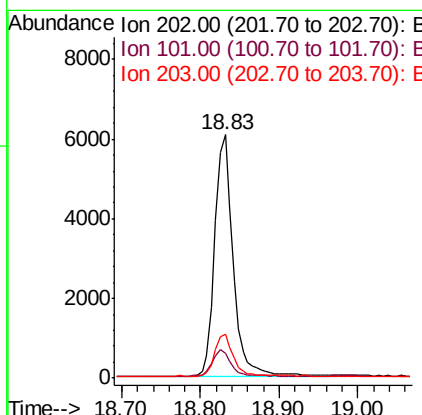
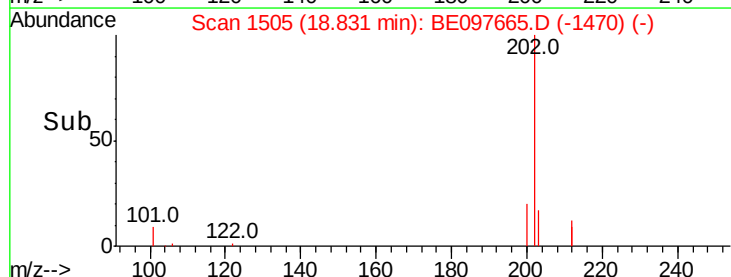
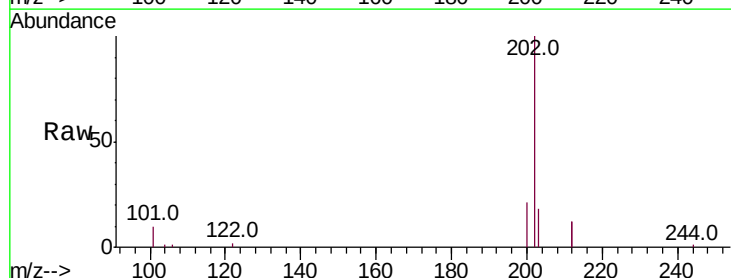
RT: 18.83 min Scan# 1505

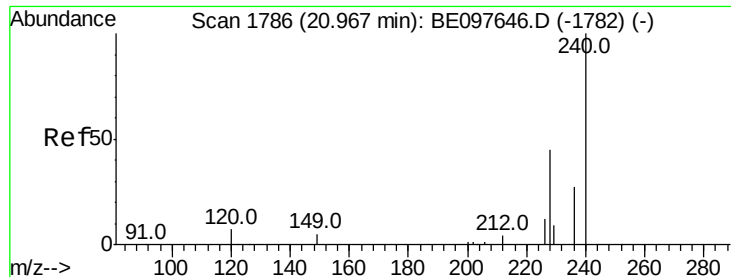
Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Tgt Ion:	202	Resp:	9688
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.8	14.8
203	17.0	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

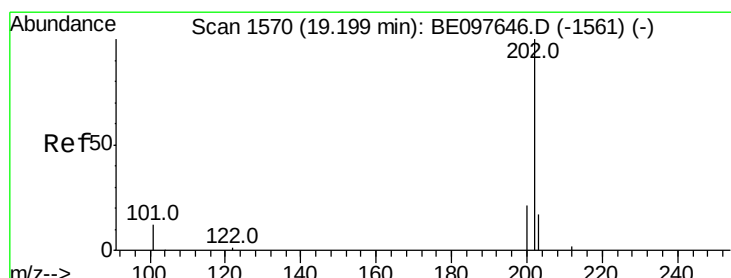
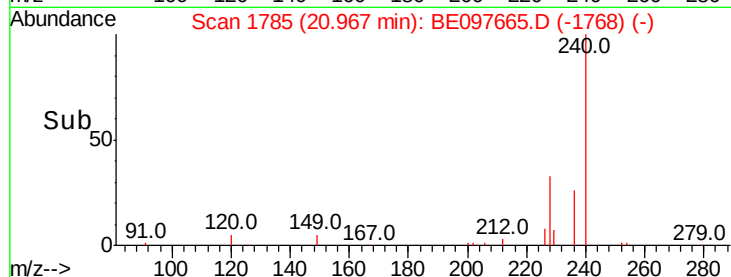
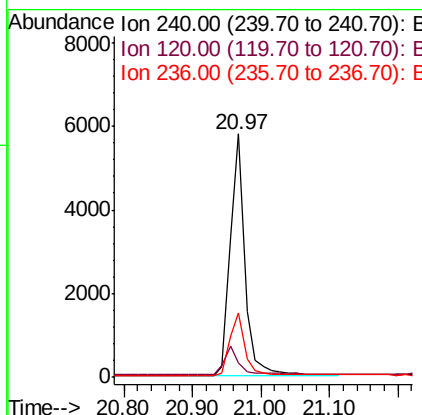
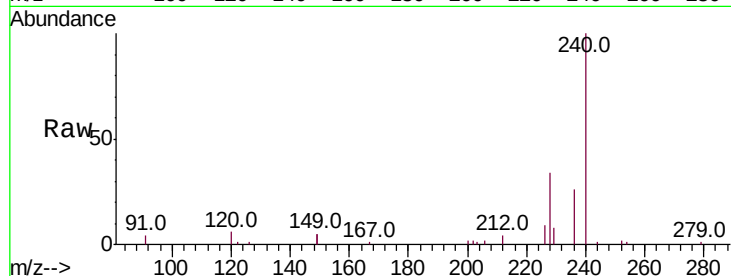
ClientSampleId :

BPSI-TT-MW311I-20180919MSD

Tot Ion:	240	Resp:	8567
Ion Ratio	Lower	Upper	
240	100		
120	6.0	5.5	8.3
236	26.3	20.7	31.1

Manual Integrations
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#28

Pyrene

Concen: 0.452 ng

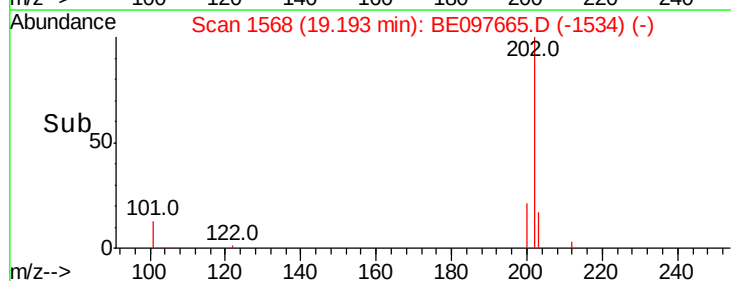
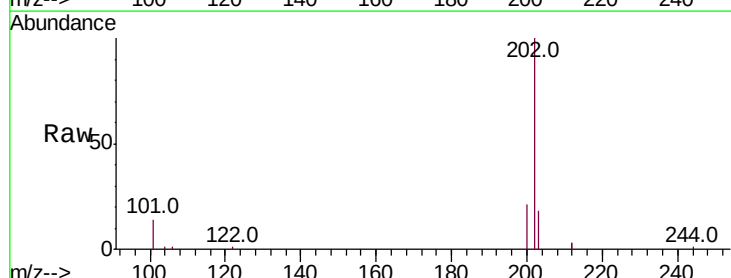
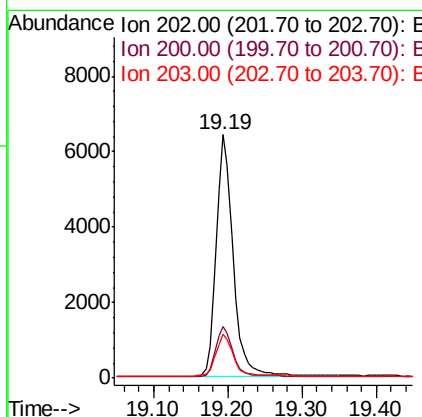
RT: 19.19 min Scan# 1568

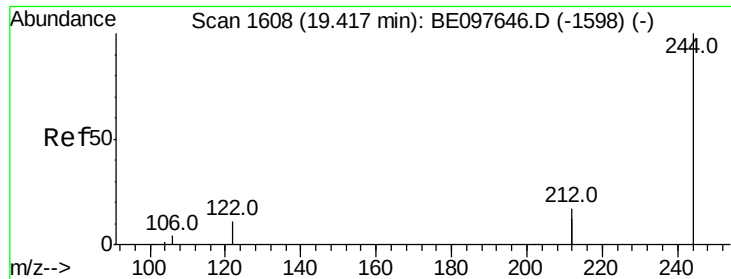
Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Tgt Ion:	202	Resp:	10104
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.6	25.0
203	18.1	13.8	20.8





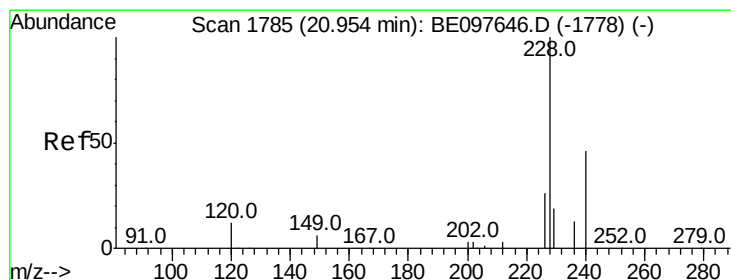
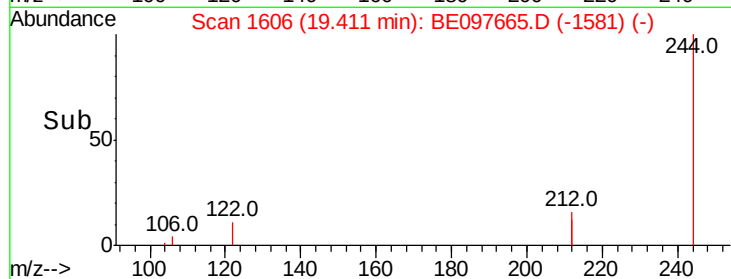
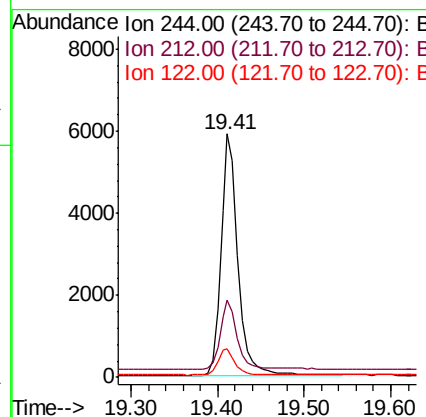
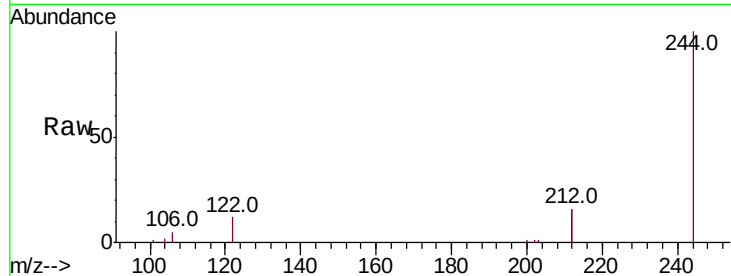
#29
 Terphenyl-d14
 Concen: 0.480 ng
 RT: 19.41 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BE097665.D
 Acq: 25 Sep 2018 19:43

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.4	38.0
122	11.6	8.1	12.1

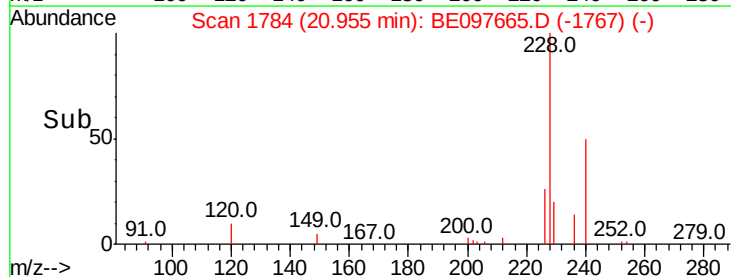
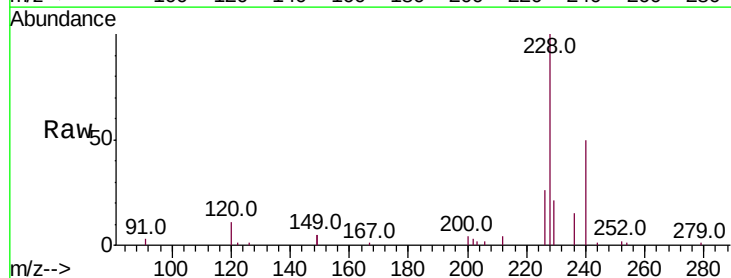
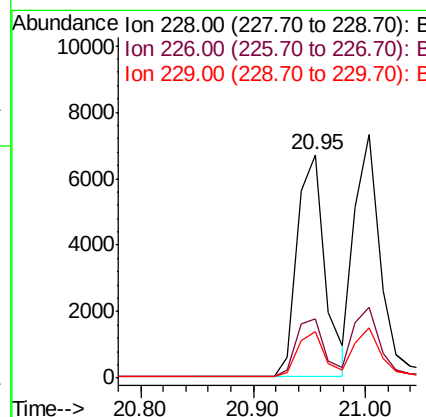
Manual Integrations
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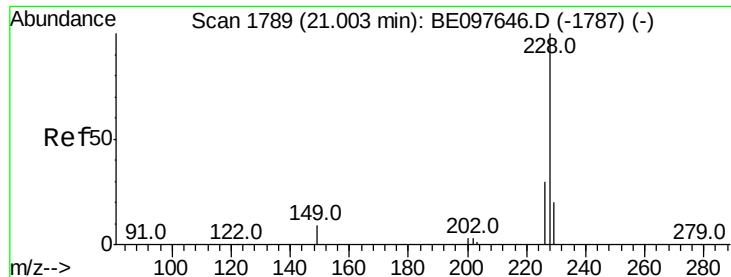
Sohil
 9/26/2018 6:00:19 PM



#30
 Benzo(a)anthracene
 Concen: 0.563 ng
 RT: 20.95 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BE097665.D
 Acq: 25 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	24.0	36.0
229	20.8	16.0	24.0





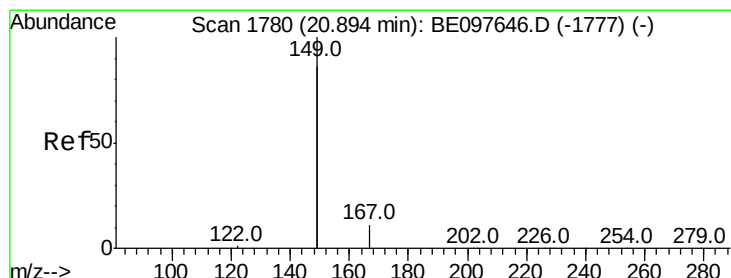
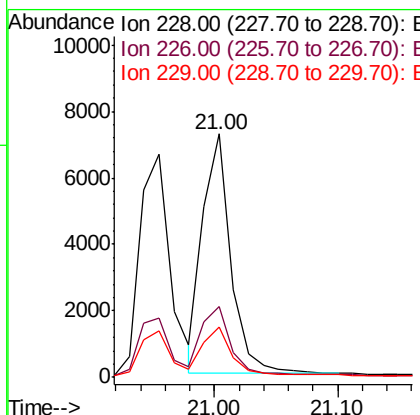
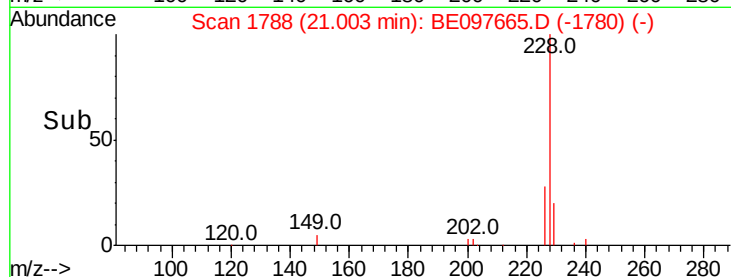
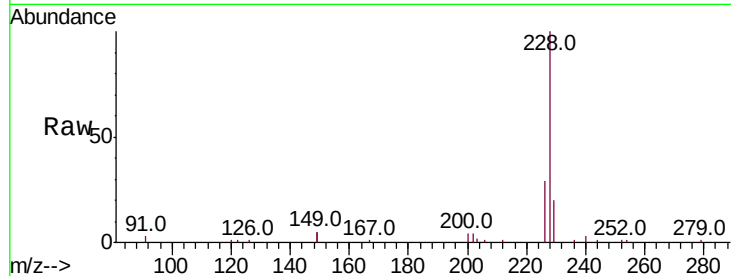
#31
 Chrysene
 Concen: 0.484 ng
 RT: 21.00 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BE097665.D
 Acq: 25 Sep 2018 19:43

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

Tot Ion:	228	Resp:	11465
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.0	36.0
229	20.4	16.0	24.0

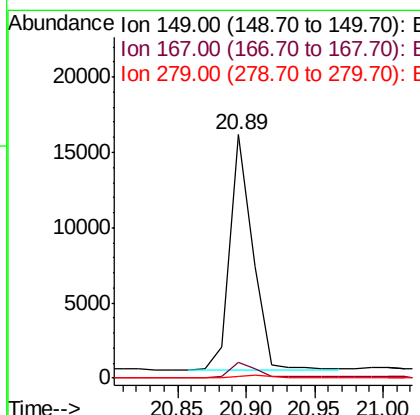
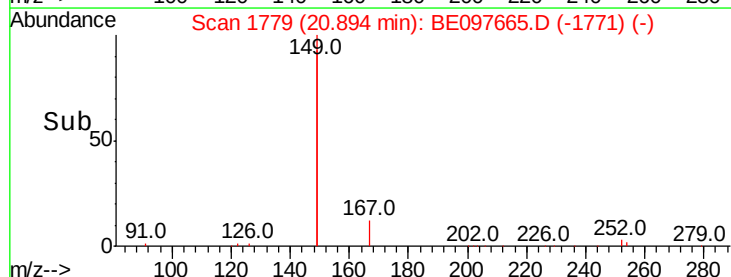
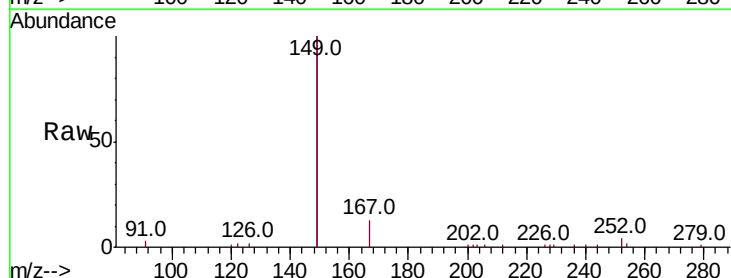
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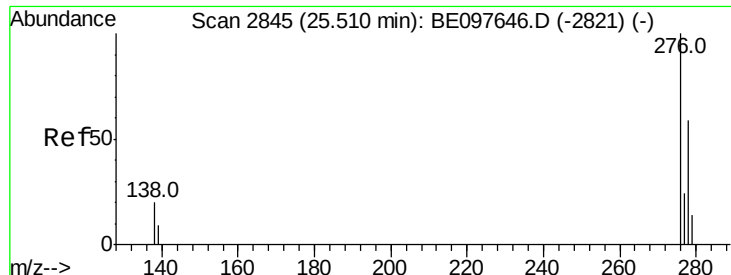
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.778 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BE097665.D
 Acq: 25 Sep 2018 19:43

Tgt Ion:	149	Resp:	18001
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1





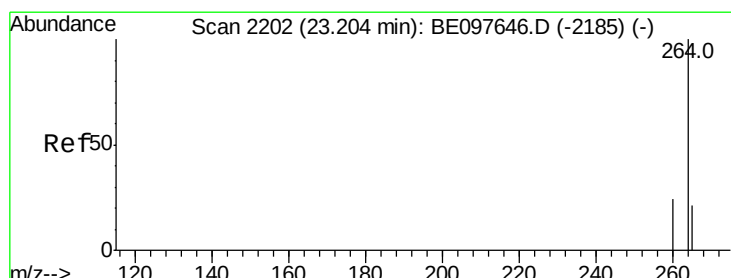
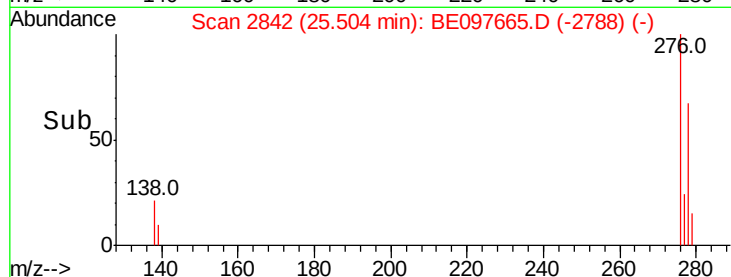
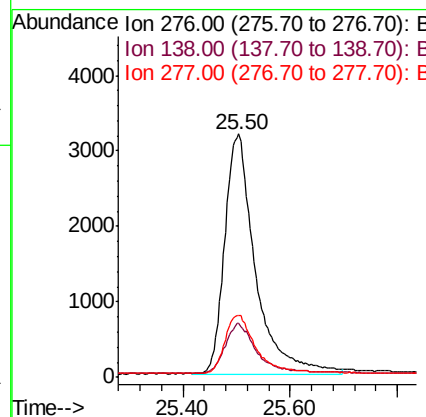
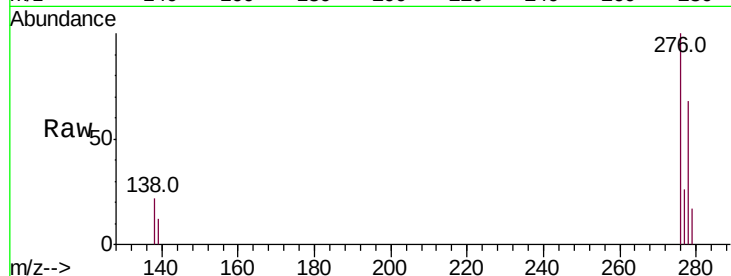
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.506 ng
 RT: 25.50 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BE097665.D
 Acq: 25 Sep 2018 19:43

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.5	33.7#
277	24.8	19.9	29.9

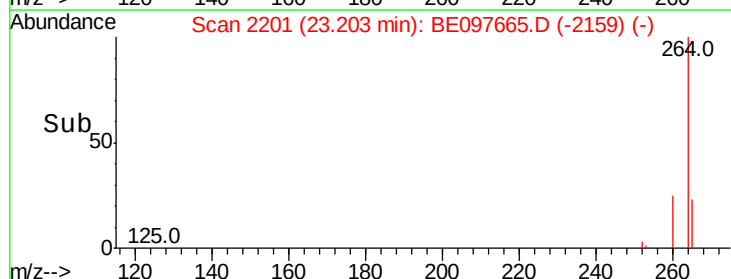
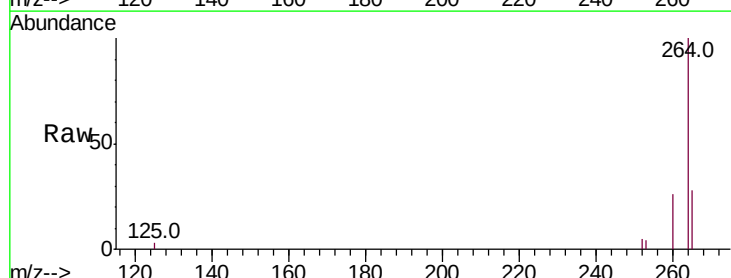
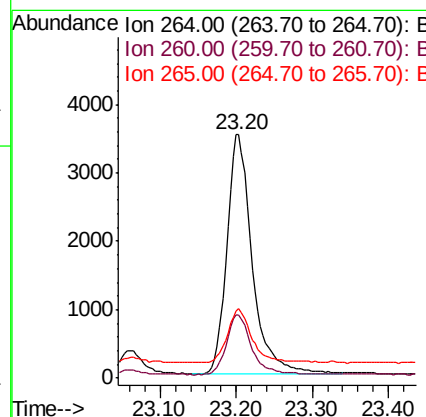
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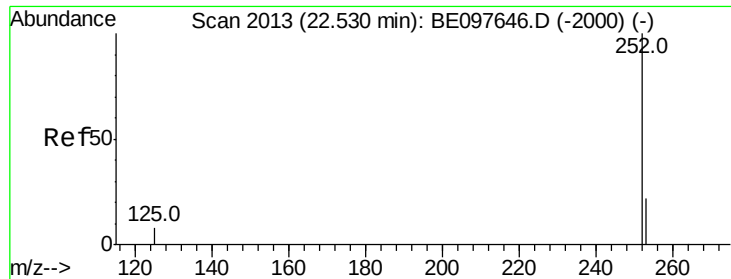
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BE097665.D
 Acq: 25 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	28.4	22.8	34.2





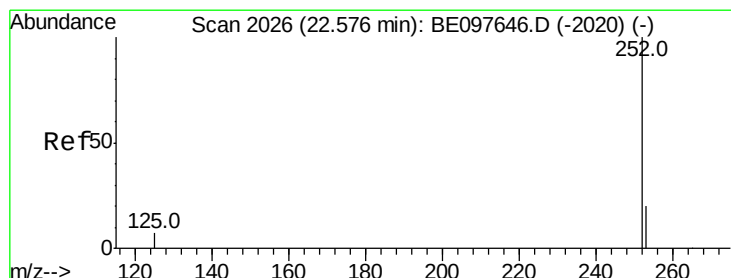
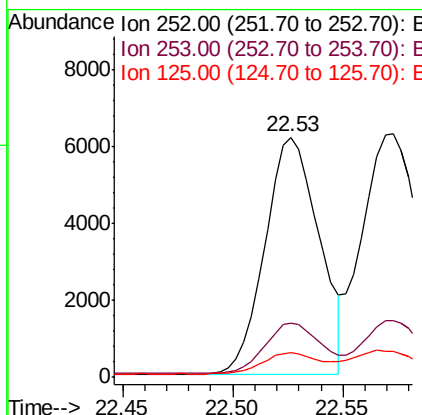
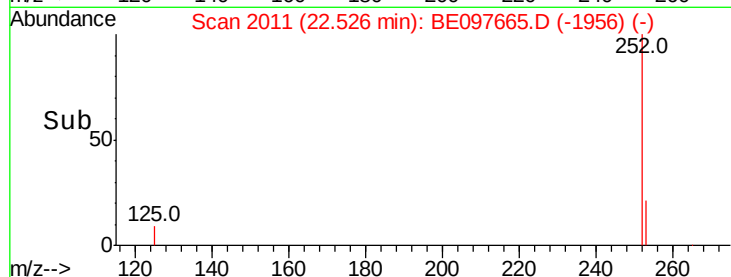
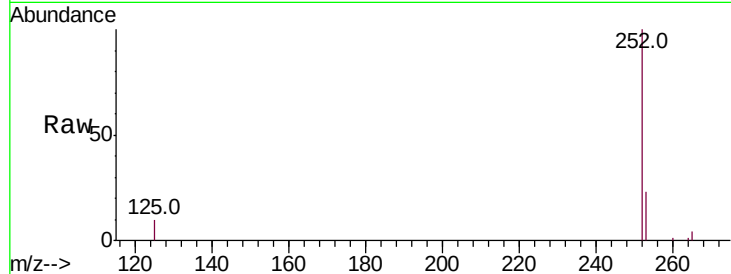
#35
Benzo(b)fluoranthene
Concen: 0.510 ng
RT: 22.53 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.0	30.0
125	10.4	16.0	24.0

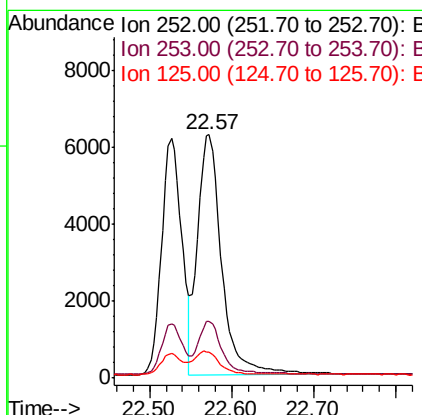
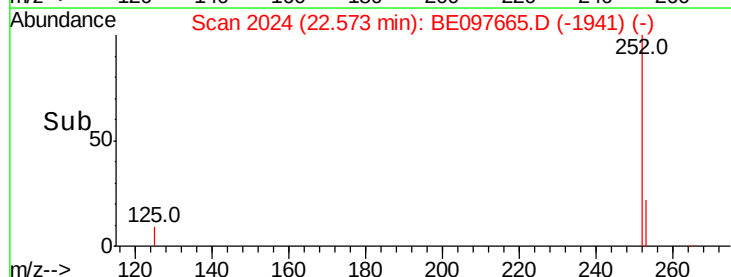
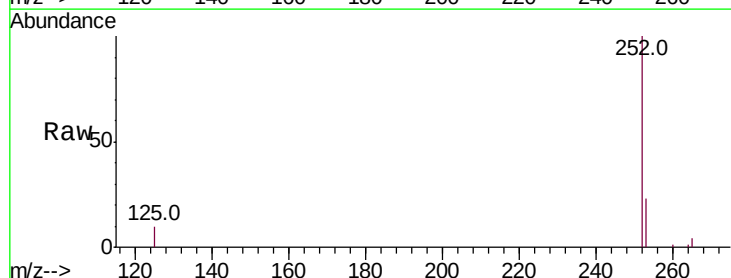
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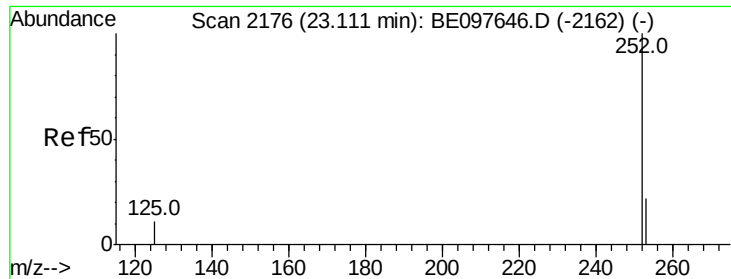
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#36
Benzo(k)fluoranthene
Concen: 0.519 ng
RT: 22.57 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	10.5	8.0	12.0





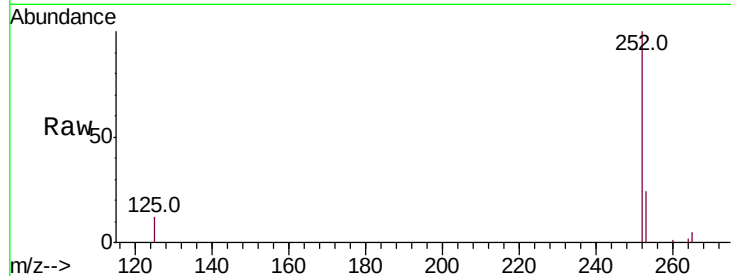
#37
Benzo(a)pyrene
Concen: 0.517 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	11.9	12.0	18.0

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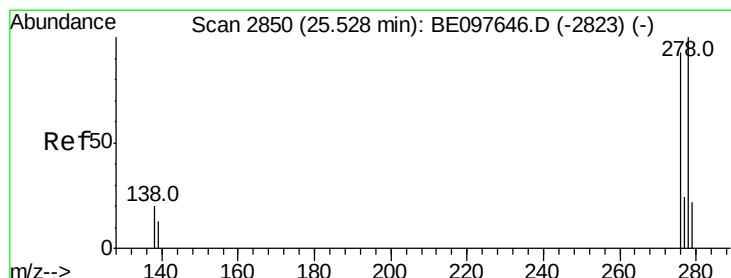
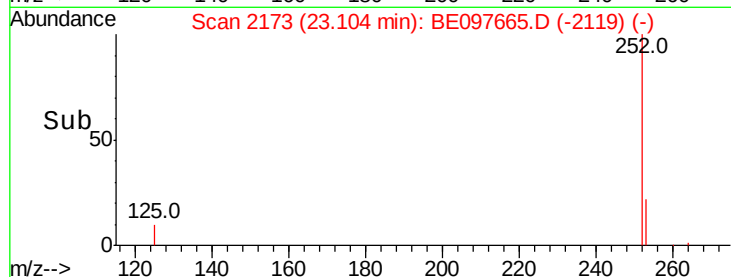
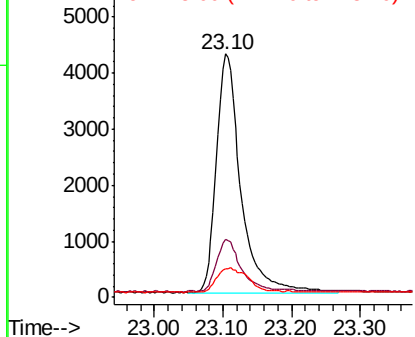


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.480 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

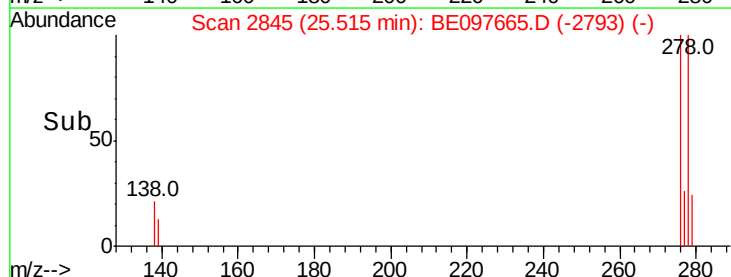
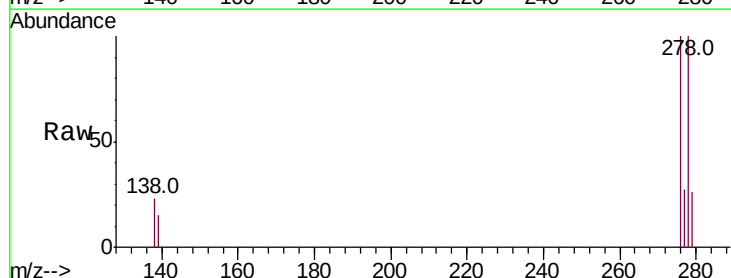
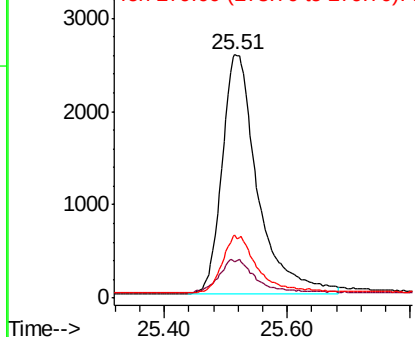
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	16.0	24.0
279	25.9	20.0	30.0

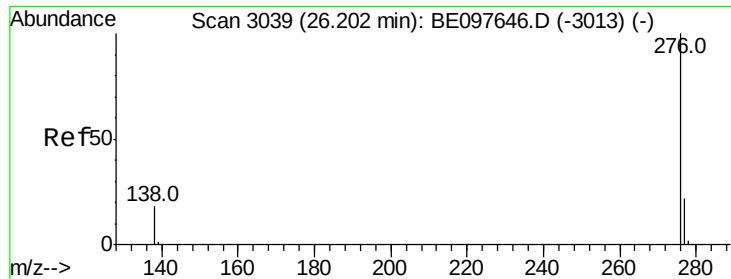
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.483 ng

RT: 26.20 min Scan# 3036

Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

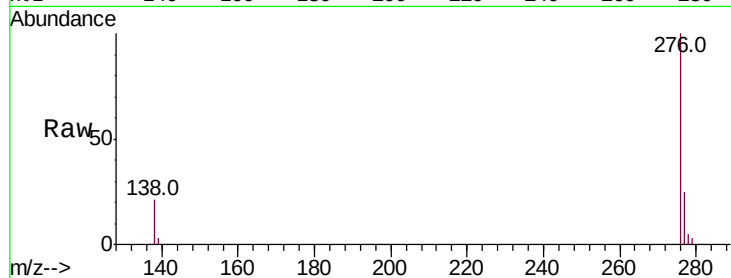
BPSI-TT-MW311I-20180919MSD

Tot Ion:	276	Resp:	10305
Ion Ratio	Lower	Upper	
276	100		
277	24.6	16.0	24.0#
138	20.5	20.0	30.0

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

