Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
Data File : BE097663.D
Acq On : 25 Sep 2018 18:29
Operator : SJ/JU
Sample : J5033-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
9/26/2018 6:00:17 PM

Quant Time: Sep 26 08:07:58 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	7.39	152	647	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	2950	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	2021	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6892	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8733	0.40	ng	0.00
34) Perylene-d12	23.20	264	8242	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	328	0.19	ng	0.00
5) Phenol-d6	6.73	99	193m	0.08	ng	0.11
8) Nitrobenzene-d5	8.61	82	582m	0.34	ng	0.07
11) 2-Methylnaphthalene-d10	11.77	152	1943	0.44	ng	0.04
14) 2,4,6-Tribromophenol	15.54	330	387	0.46	ng	0.01
15) 2-Fluorobiphenyl	12.66	172	3942	0.60	ng	0.02
25) Fluoranthene-d10	18.80	212	41504	0.55	ng	0.00
29) Terphenyl-d14	19.41	244	8428	0.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	199	0.157	ng	# 70
32) Bis(2-ethylhexyl)phthalate	20.89	149	3017	0.128	ng	# 99

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

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Manual Integrations APPROVED
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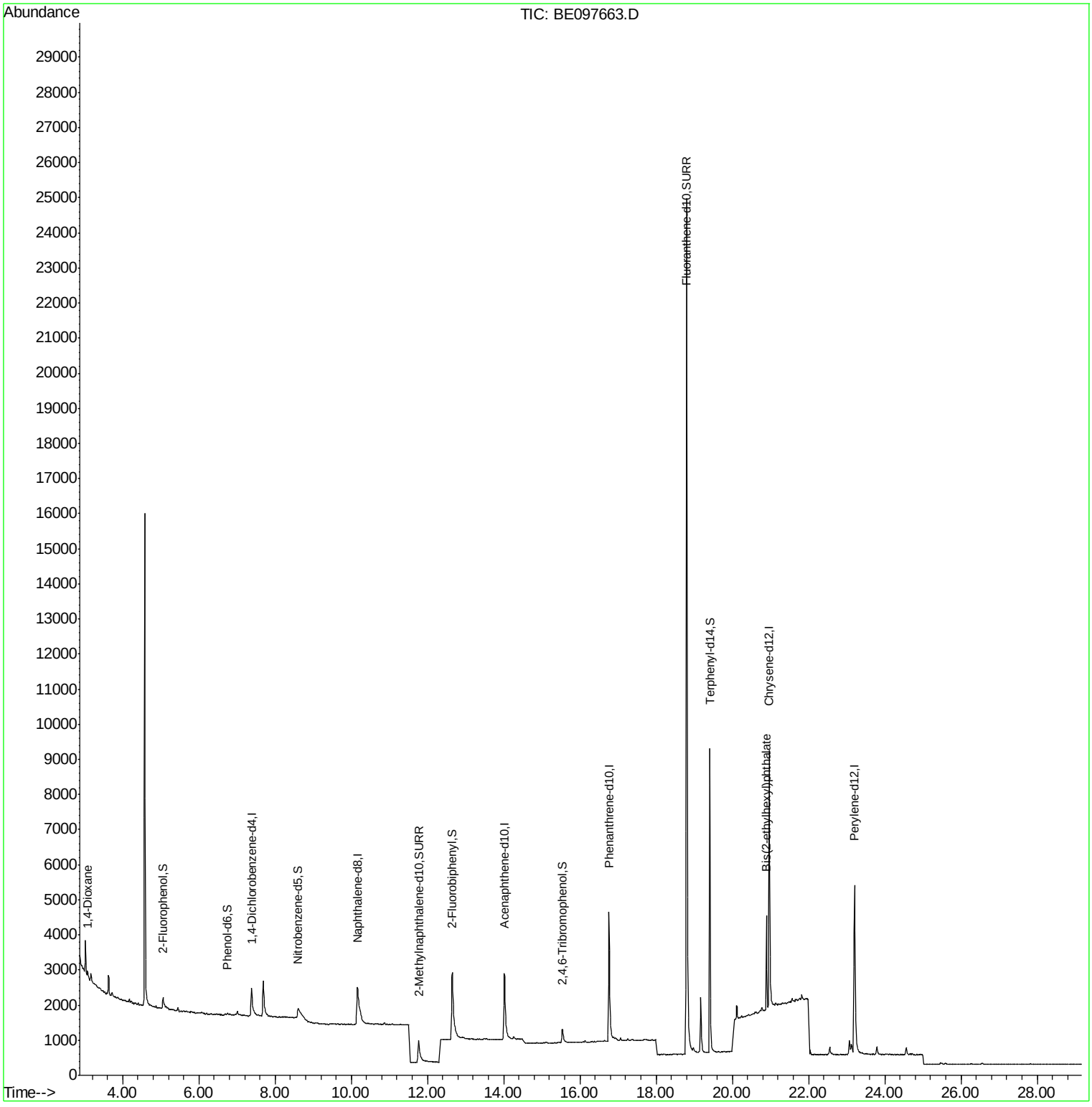
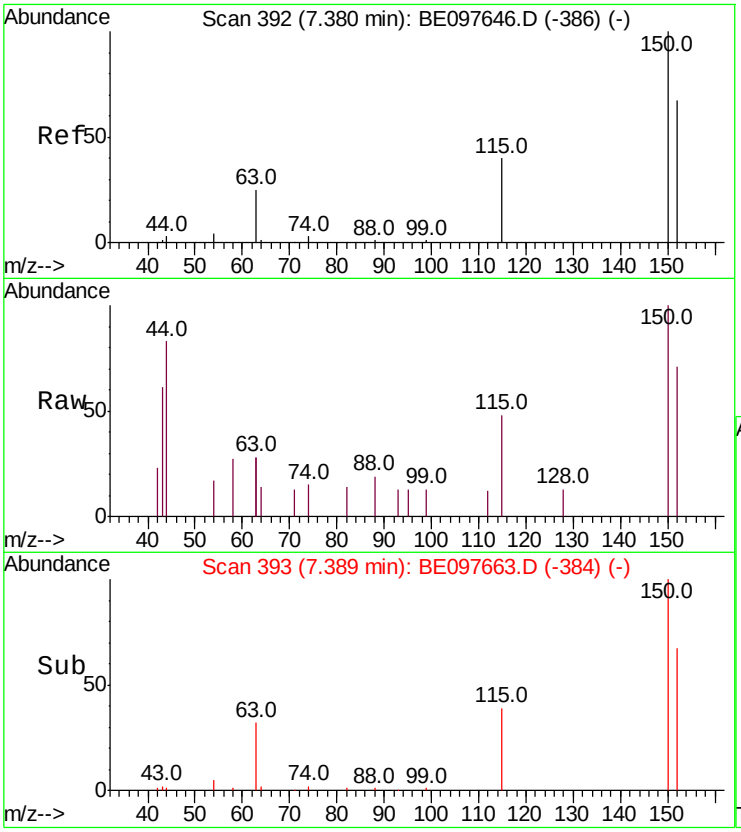
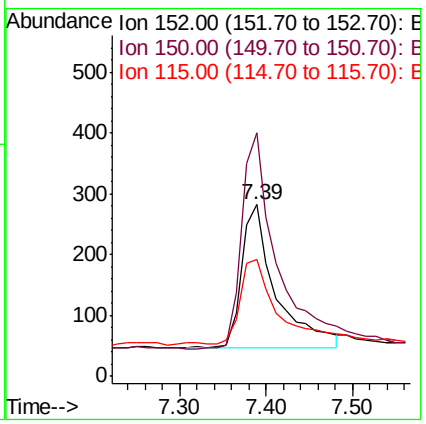




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:152 Resp: 647

Ion	Ratio	Lower	Upper
152	100		
150	141.8	117.2	175.8
115	67.7	57.0	85.6



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

Manual Integrations APPROVED
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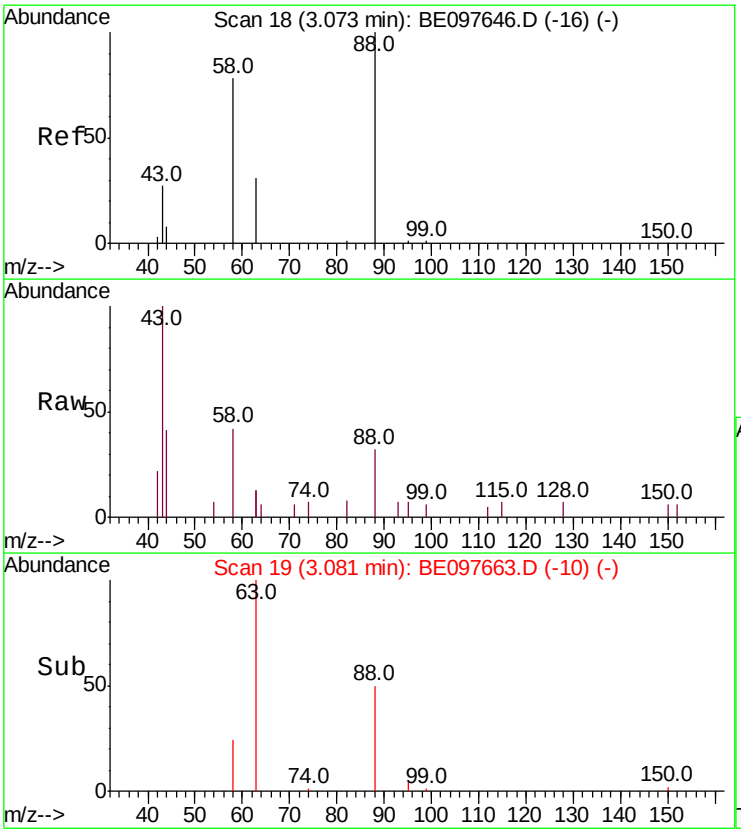
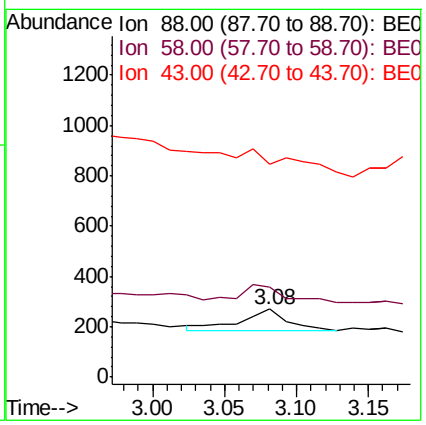
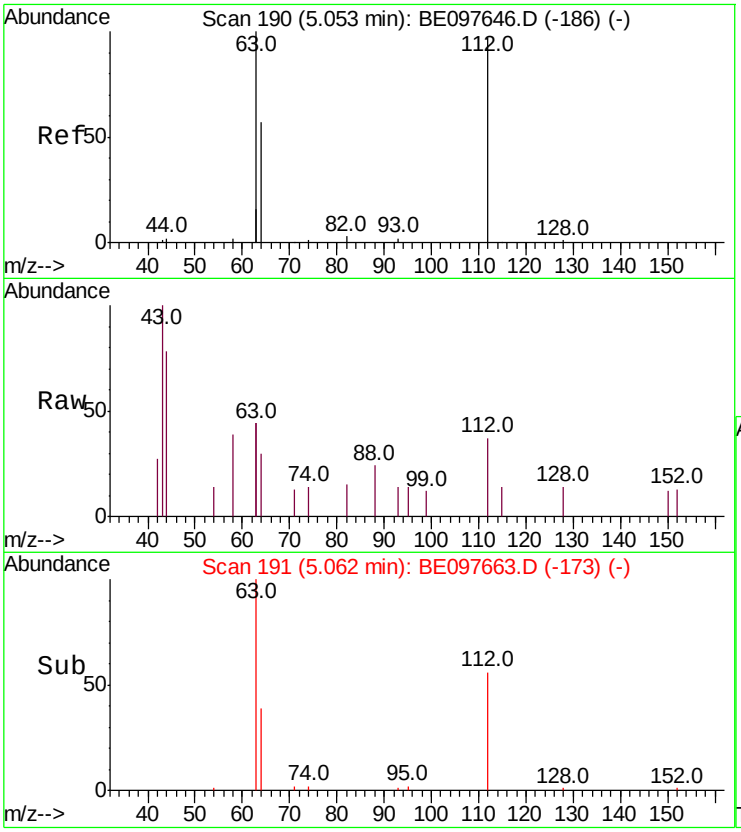


#2
1,4-Dioxane
Concen: 0.157 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion: 88 Resp: 199

Ion	Ratio	Lower	Upper
88	100		
58	77.4	63.2	94.8
43	0.0	41.2	61.8#

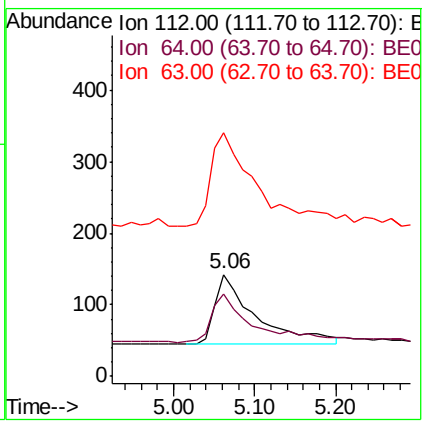




#4
2-Fluorophenol
Concen: 0.193 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:112 Resp: 328

Ion	Ratio	Lower	Upper
112	100		
64	70.7	60.1	90.1
63	154.3	116.8	175.2



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

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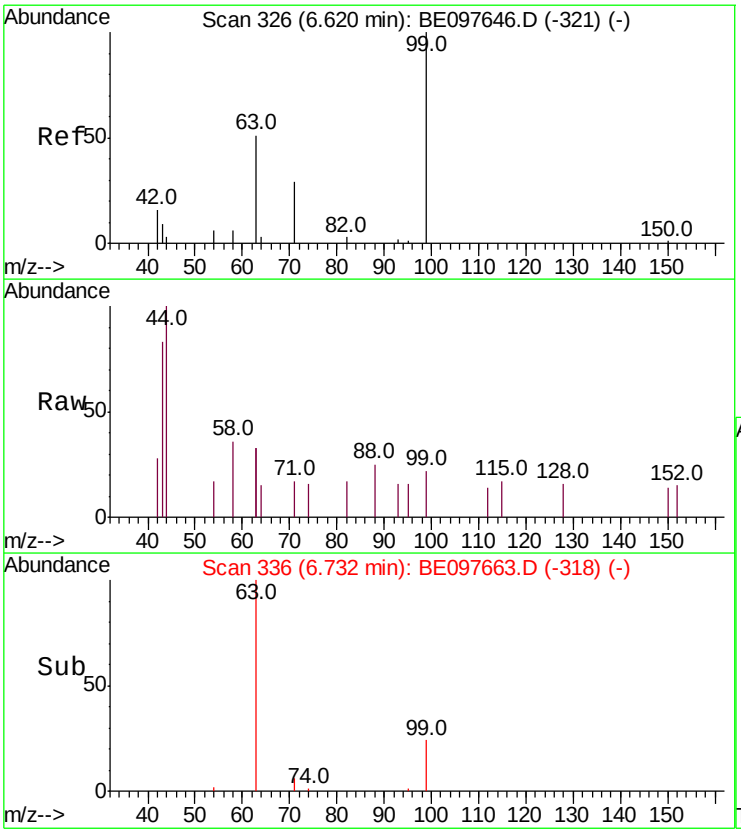
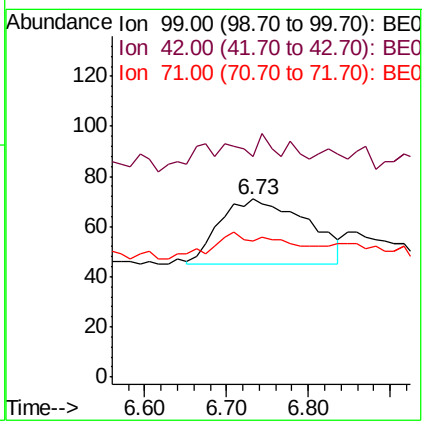
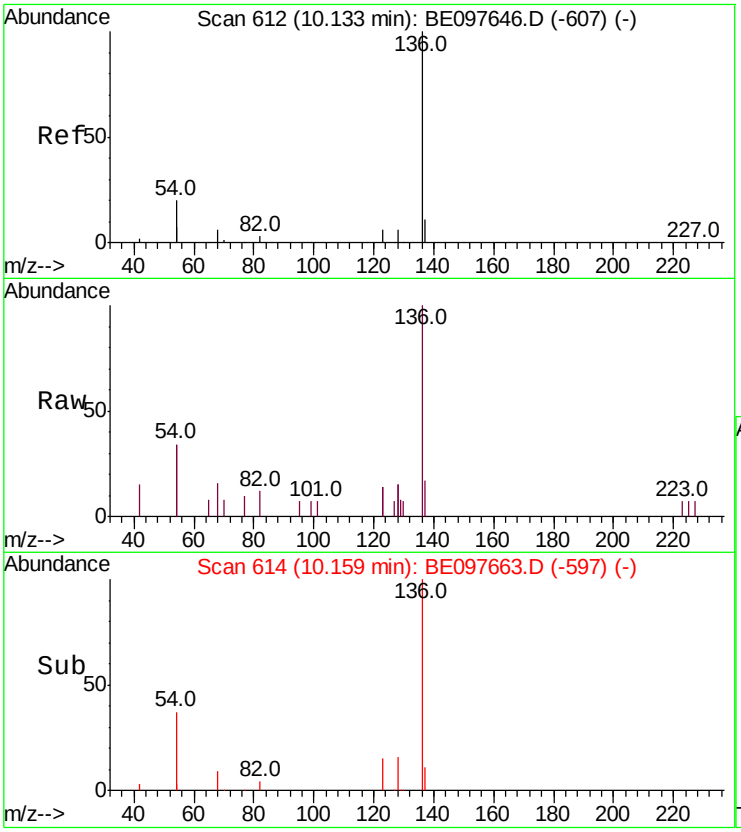


#5
Phenol-d6
Concen: 0.080 ng m
RT: 6.73 min Scan# 336
Delta R.T. 0.11 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion: 99 Resp: 193

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#

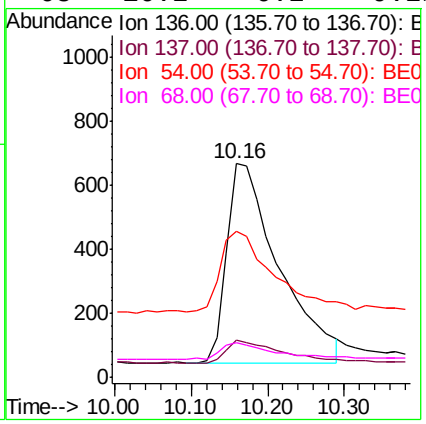




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.03 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:136 Resp: 2950

Ion	Ratio	Lower	Upper
136	100		
137	17.1	9.5	14.3#
54	68.5	29.1	43.7#
68	16.2	6.2	9.2#



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

Manual Integrations APPROVED
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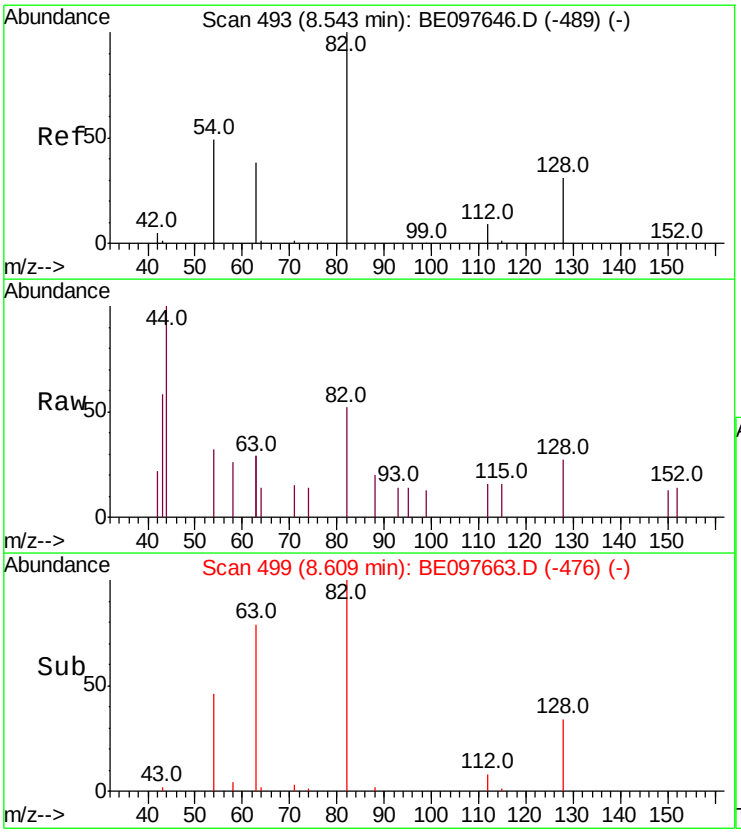
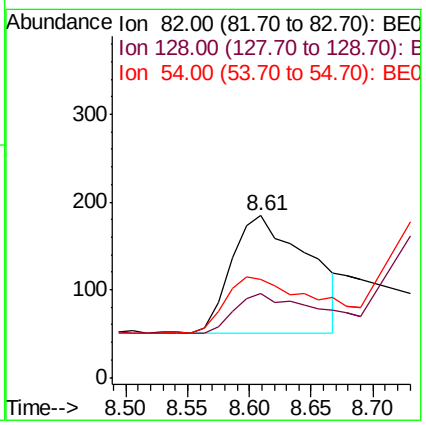
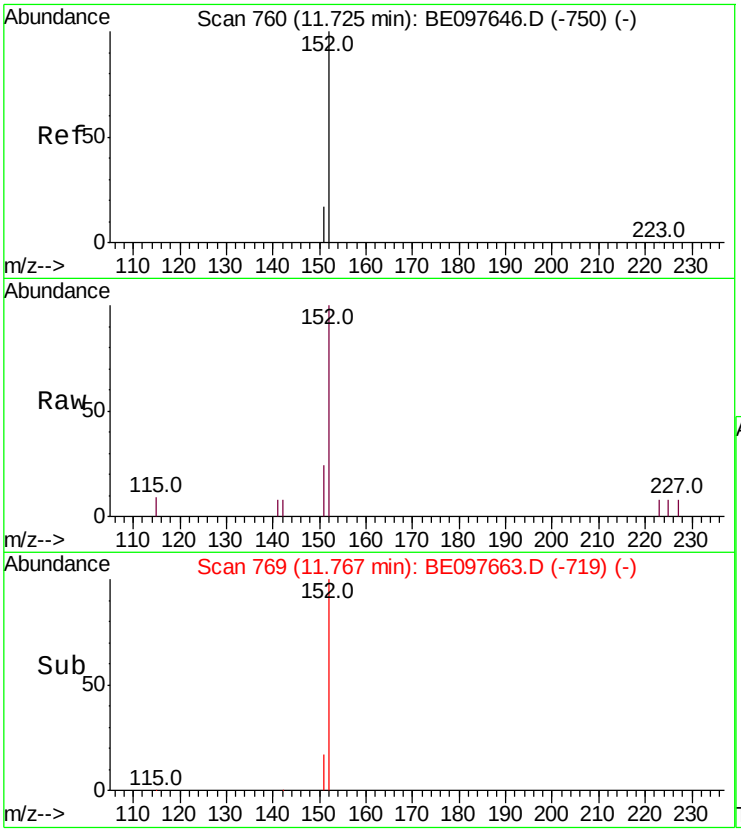


#8
Nitrobenzene-d5
Concen: 0.336 ng m
RT: 8.61 min Scan# 499
Delta R.T. 0.07 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion: 82 Resp: 582

Ion	Ratio	Lower	Upper
82	100		
128	52.2	24.0	36.0#
54	60.9	40.0	60.0#

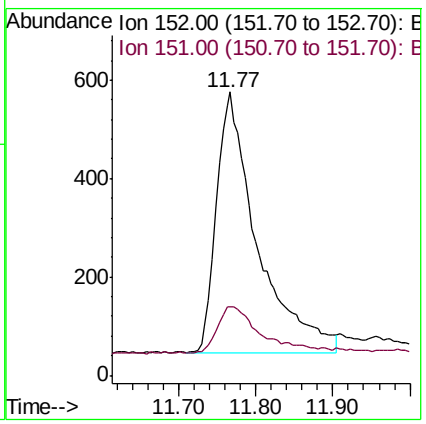




#11
2-Methylnaphthalene-d10
Concen: 0.445 ng
RT: 11.77 min Scan# 769
Delta R.T. 0.04 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:152 Resp: 1943

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0



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

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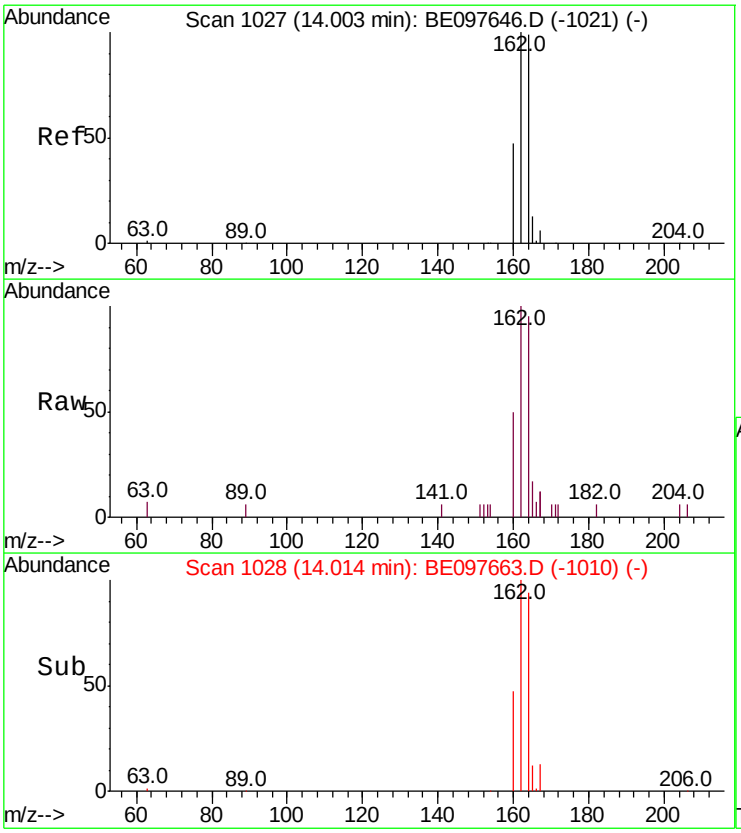
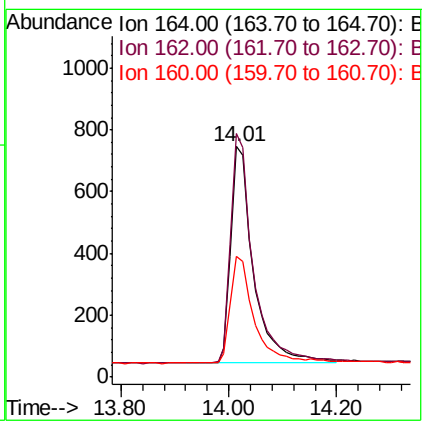
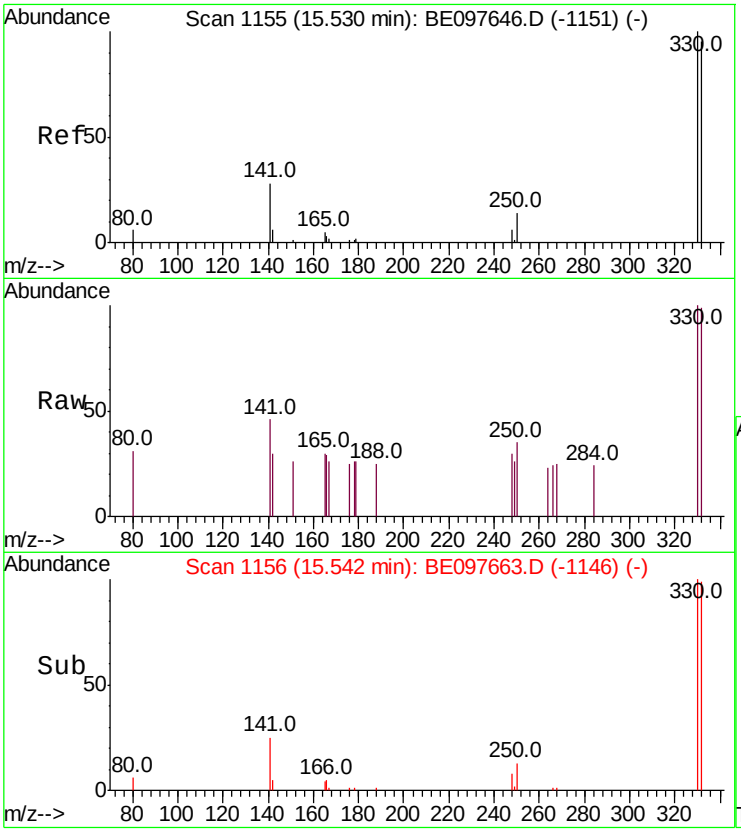


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:164 Resp: 2021

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.1	124.7
160	52.6	37.1	55.7





#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 15.54 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:330 Resp: 387

Ion	Ratio	Lower	Upper
330	100		
332	95.6	152.7	229.1#
141	35.7	33.7	50.5

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

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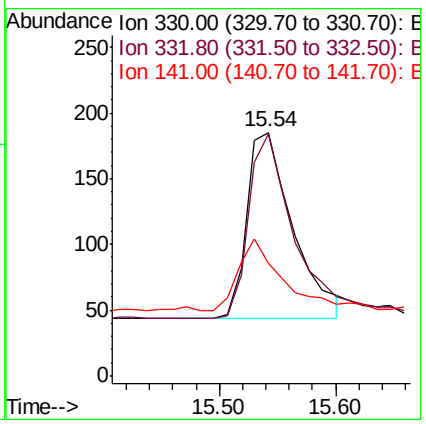
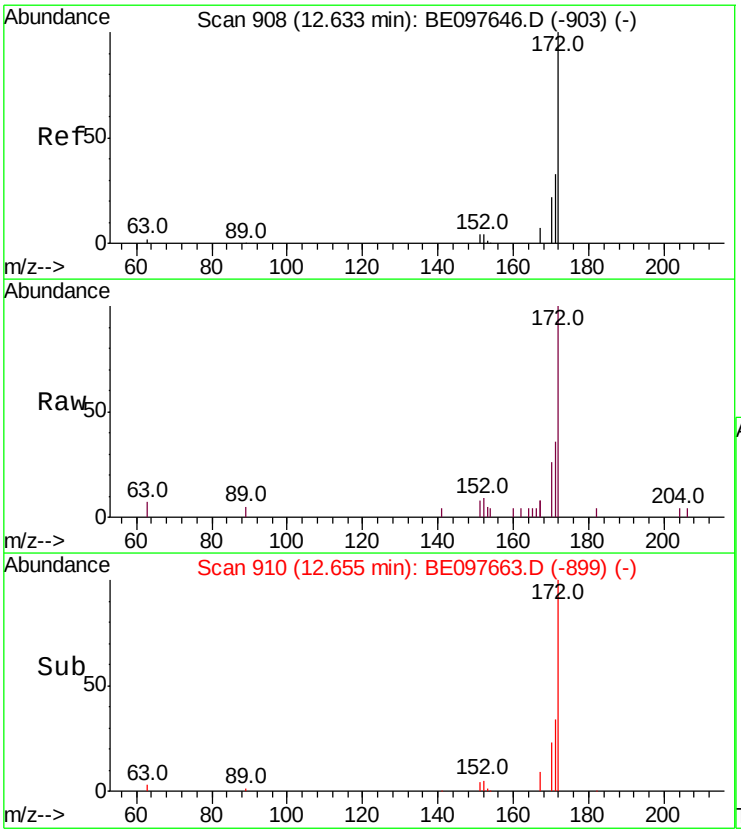
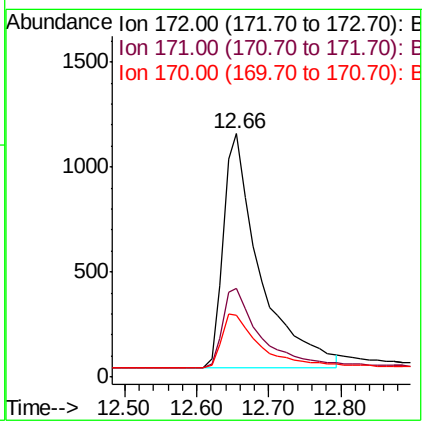


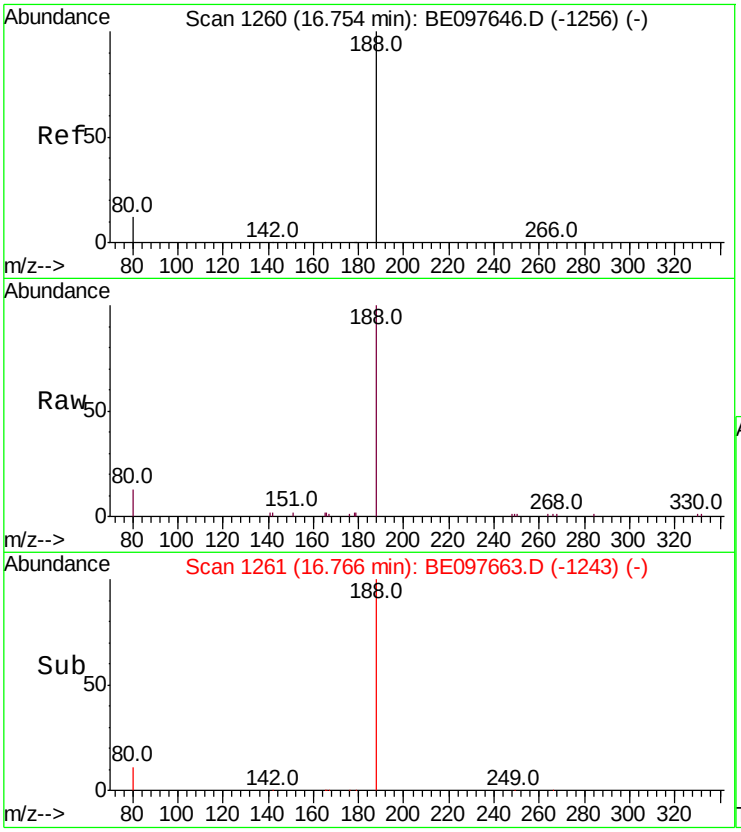


#15
2-Fluorobiphenyl
Concen: 0.598 ng
RT: 12.66 min Scan# 910
Delta R.T. 0.02 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:172 Resp: 3942

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	25.6	21.8	32.8

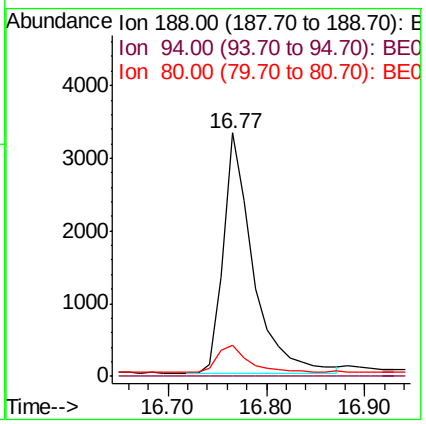




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:188 Resp: 6892

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.6	3.6	5.4#



Instrument :
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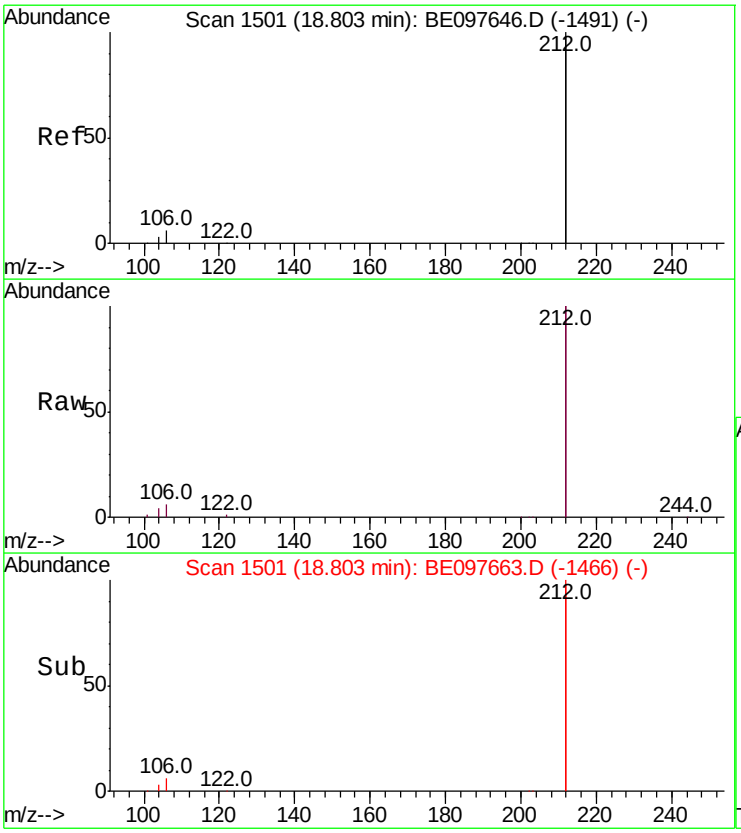
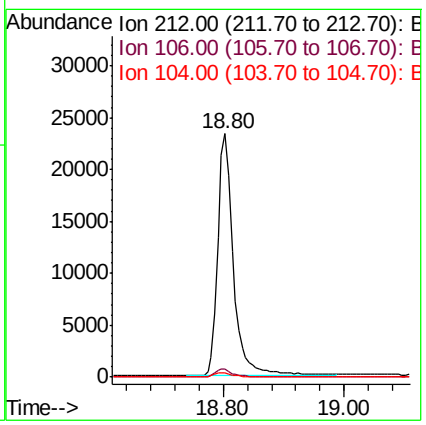
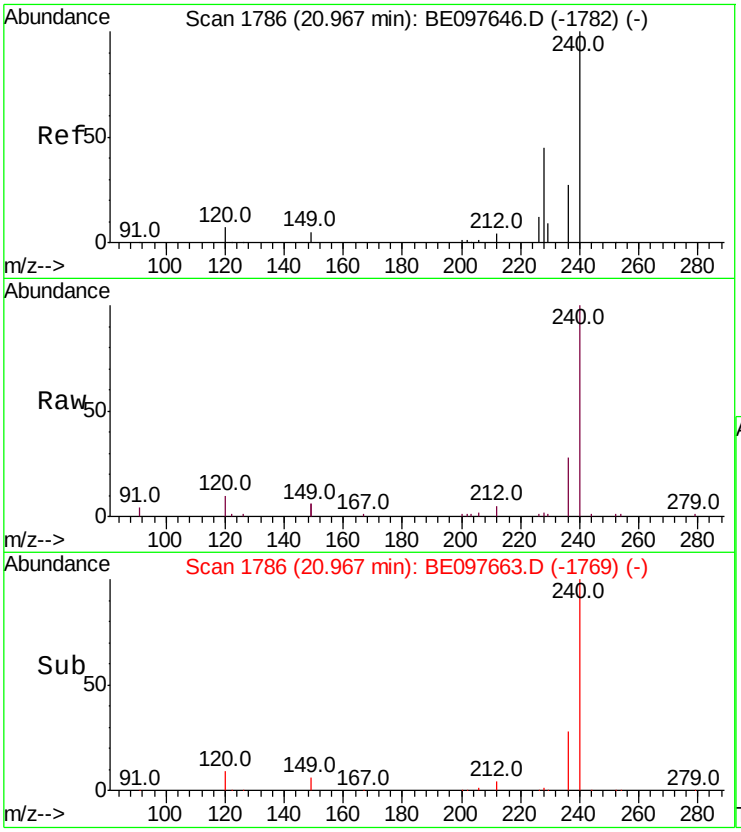


#25
Fluoranthene-d10
Concen: 0.552 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:212 Resp: 41504

Ion	Ratio	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# 1786
Delta R.T. 0.00 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:240 Resp: 8733

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.5	8.3#
236	28.3	20.7	31.1

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

Manual Integrations APPROVED
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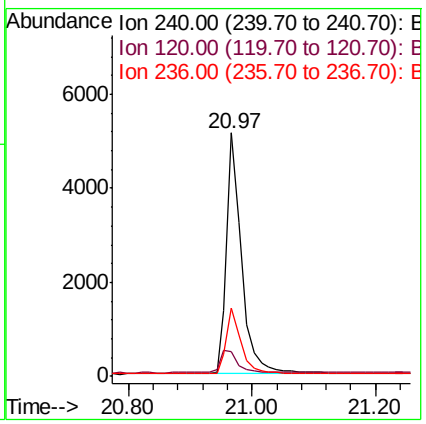
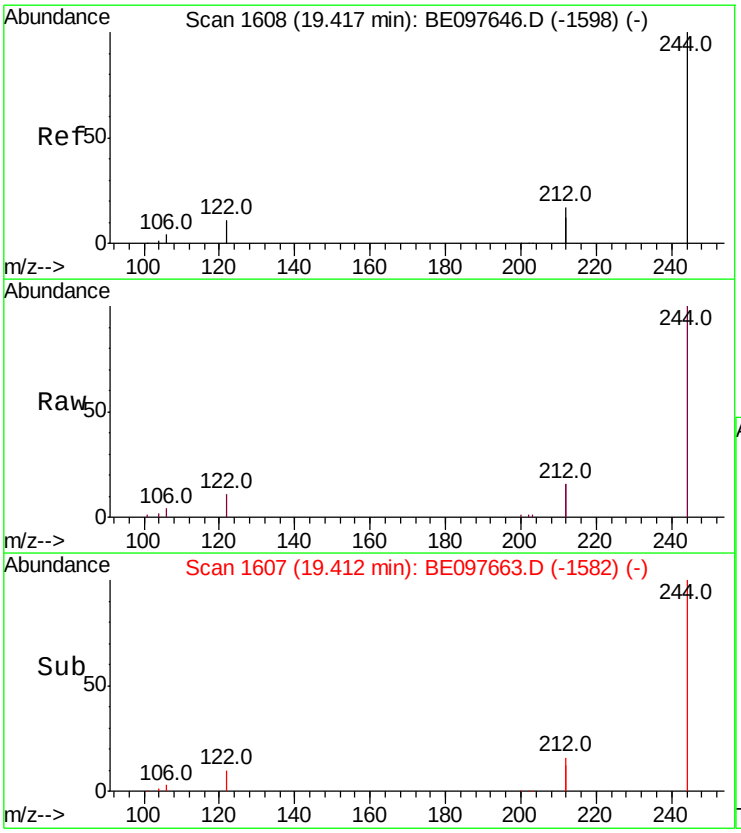
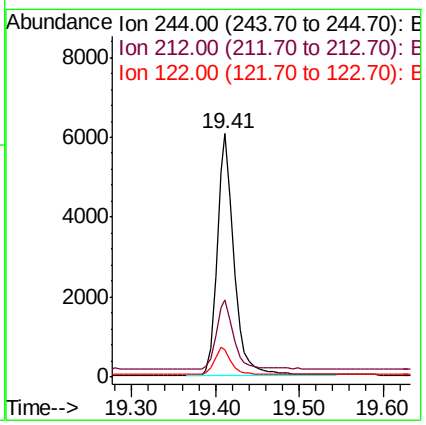


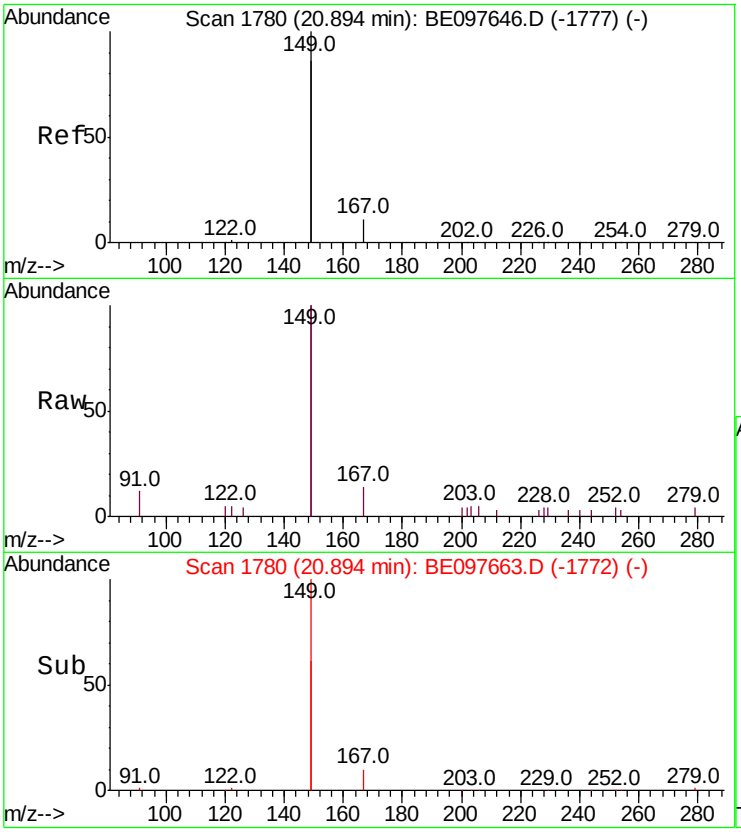


#29
Terphenyl-d14
Concen: 0.490 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:244 Resp: 8428

Ion	Ratio	Lower	Upper
244	100		
212	31.8	25.4	38.0
122	11.0	8.1	12.1





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.128 ng
RT: 20.89 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:149 Resp: 3017

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.3	0.7	1.1#

Instrument :
BNA_E
ClientSampleId :
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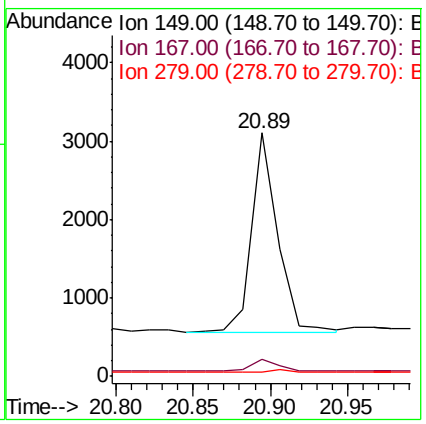
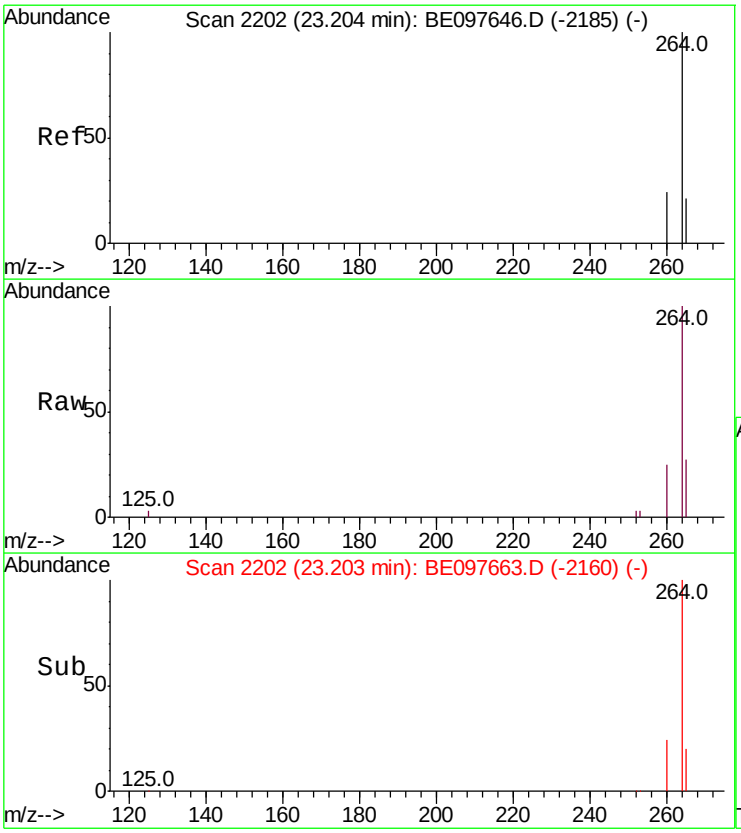
9/26/2018 6:00:17 PM





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion:264 Resp: 8242

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	26.8	22.8	34.2