Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
Data File : BE097531.D
Acq On : 18 Sep 2018 13:44
Operator : SJ/JU
Sample : J4913-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW302S-20180912

Manual Integrations APPROVED
Sohil
9/18/2018 5:56:43 PM

Quant Time: Sep 18 16:19:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	880	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4158	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2572	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6934	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8285	0.40	ng	0.00
34) Perylene-d12	23.21	264	8391	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	531	0.18	ng	0.00
5) Phenol-d6	6.64	99	404m	0.11	ng	0.04
8) Nitrobenzene-d5	8.54	82	1283	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	11.72	152	2615	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	531	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	5095	0.57	ng	0.00
25) Fluoranthene-d10	18.80	212	35975	0.43	ng	0.00
29) Terphenyl-d14	19.41	244	8293	0.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	406	0.267	ng	# 77
32) Bis(2-ethylhexyl)phthalate	20.91	149	2198	0.047	ng	# 99

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

Quantitation Report (QT Reviewed)

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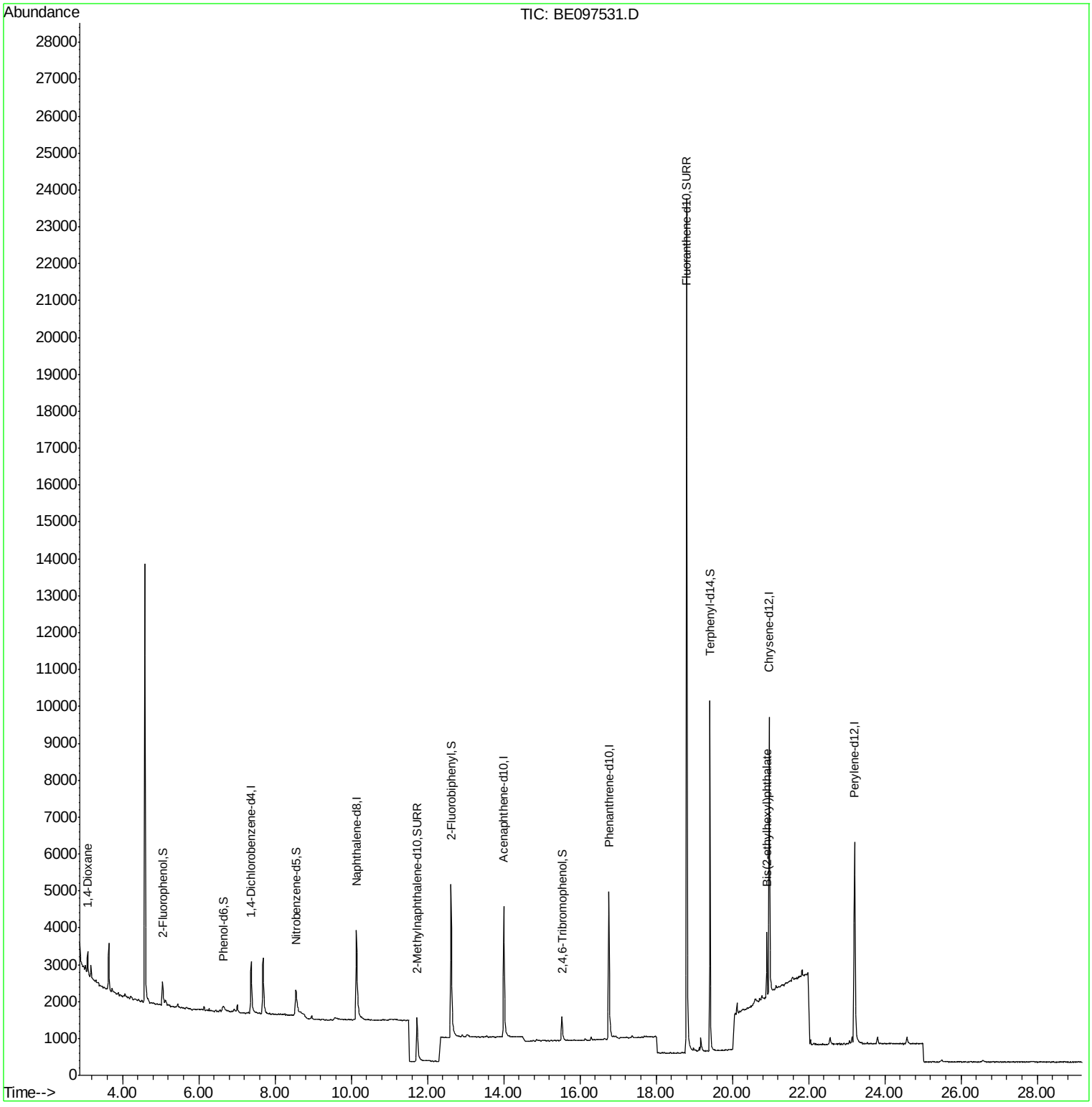
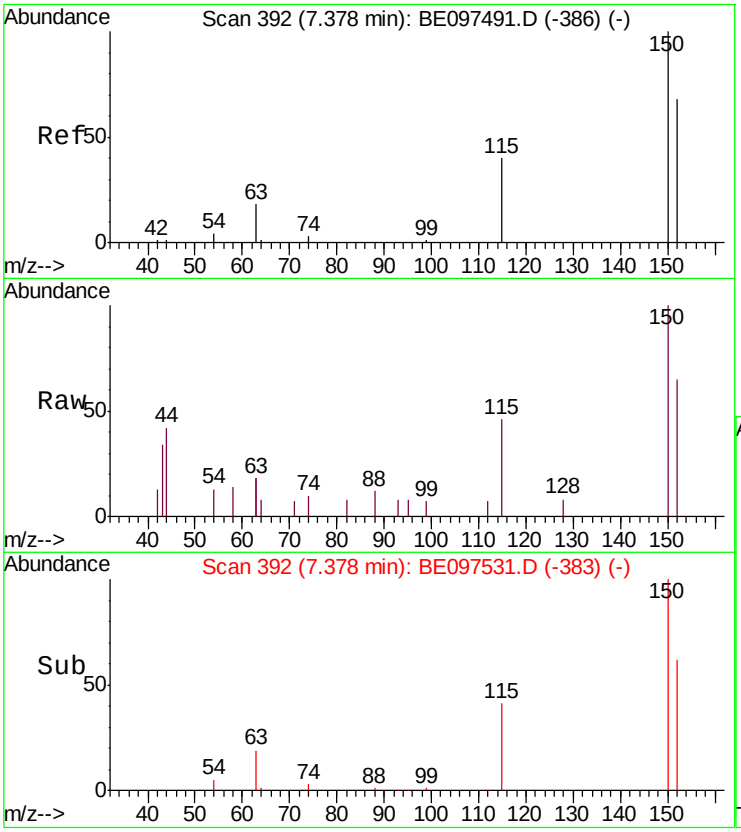
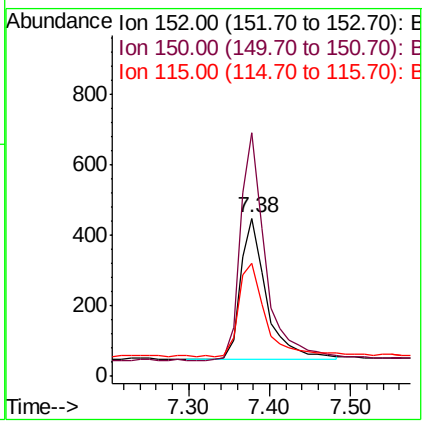




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:152 Resp: 880

Ion	Ratio	Lower	Upper
152	100		
150	153.7	117.2	175.8
115	71.3	57.0	85.6



Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW302S-20180912

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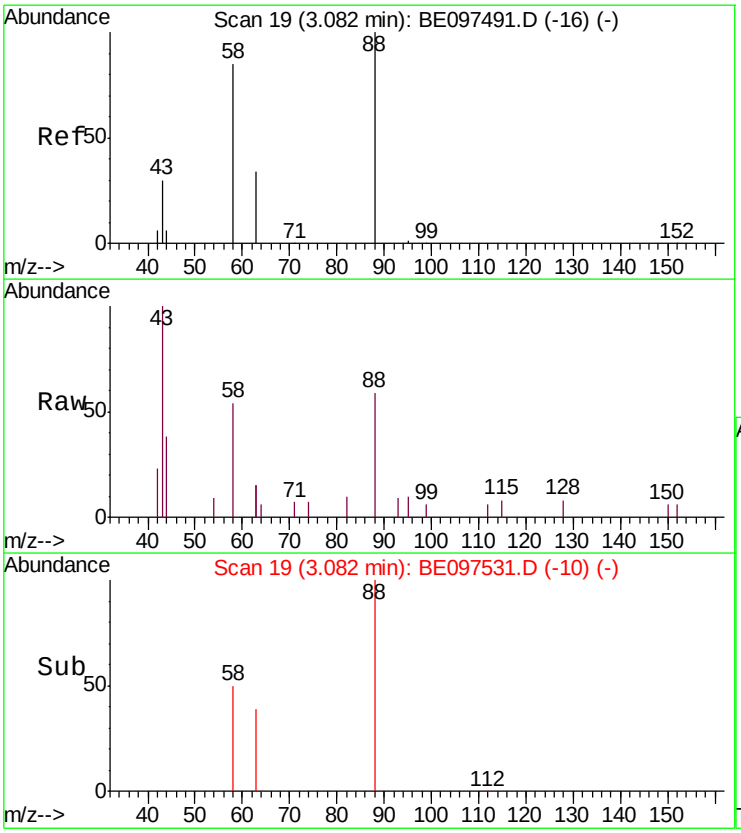
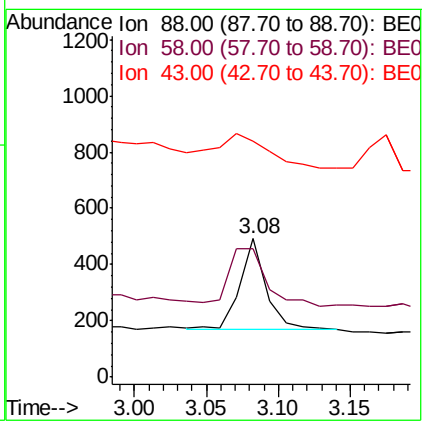
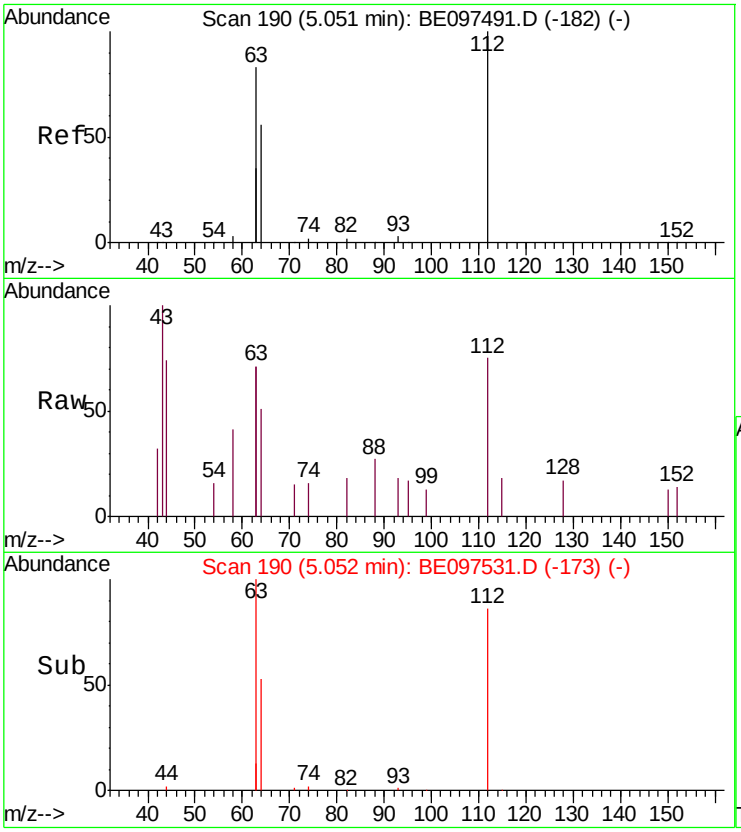


#2
1,4-Dioxane
Concen: 0.267 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion: 88 Resp: 406

Ion	Ratio	Lower	Upper
88	100		
58	90.1	63.2	94.8
43	78.3	41.2	61.8#





#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:112 Resp: 531

Ion	Ratio	Lower	Upper
112	100		
64	65.5	60.1	90.1
63	143.7	116.8	175.2

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW302S-20180912

Manual Integrations APPROVED
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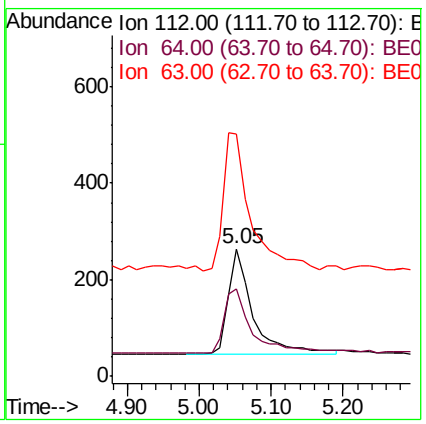
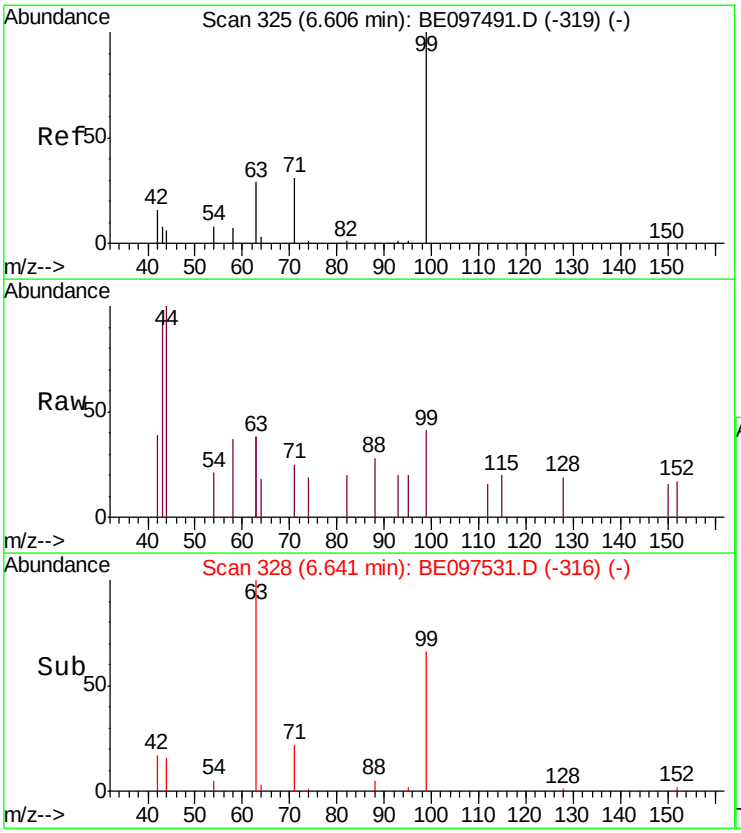
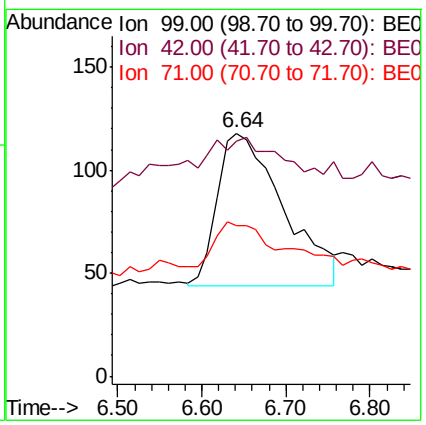


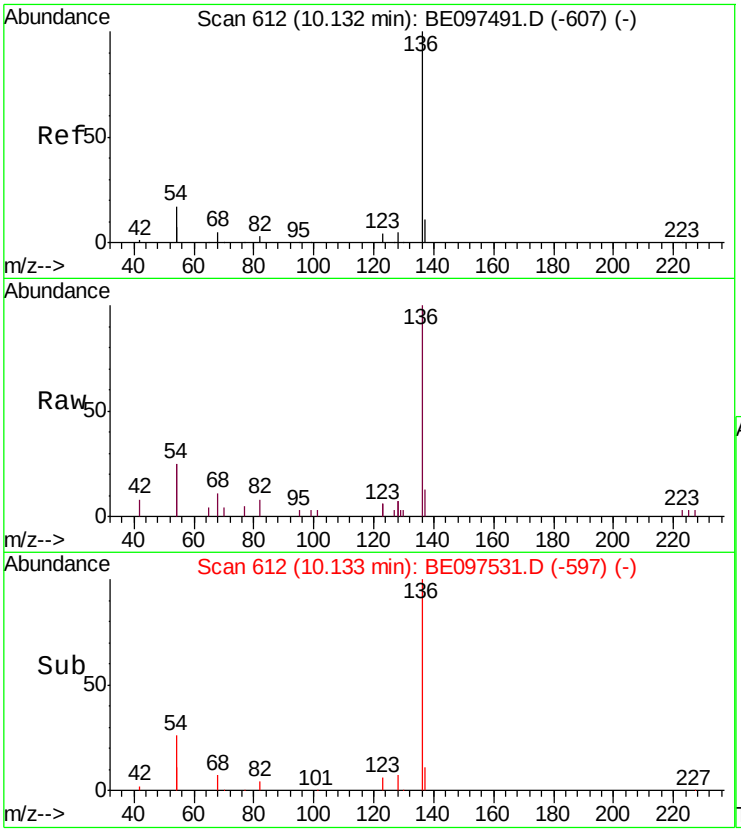


#5
Phenol-d6
Concen: 0.107 ng m
RT: 6.64 min Scan# 328
Delta R.T. 0.04 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion: 99 Resp: 404

Ion	Ratio	Lower	Upper
99	100		
42	21.0	20.2	30.2
71	0.0	28.4	42.6#

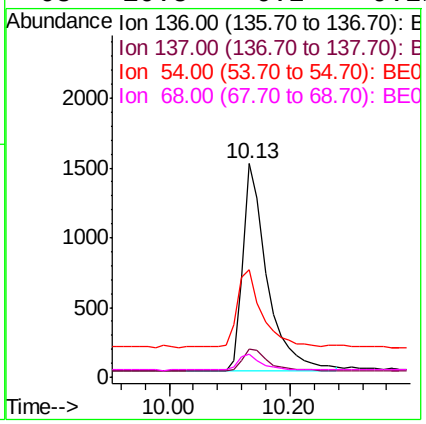




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:136 Resp: 4158

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.5	14.3
54	50.4	29.1	43.7#
68	10.5	6.2	9.2#



Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW302S-20180912

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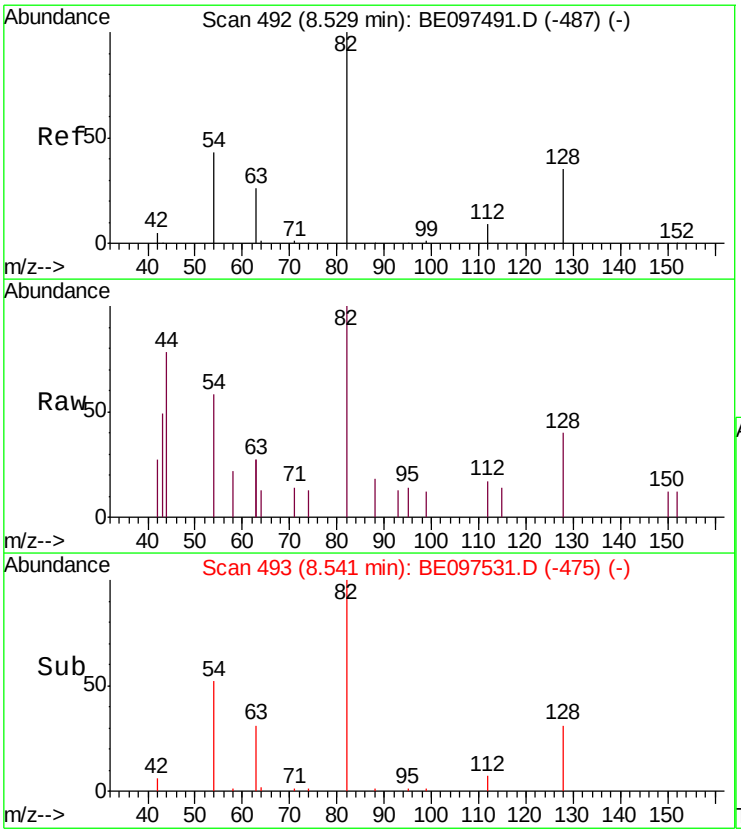
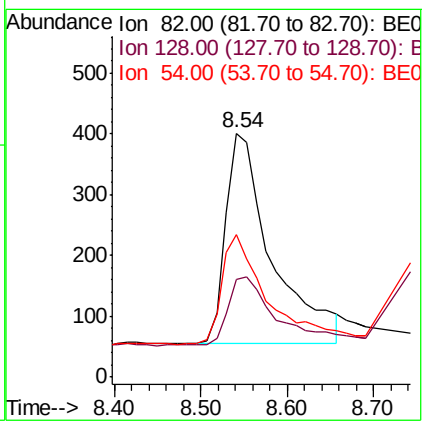
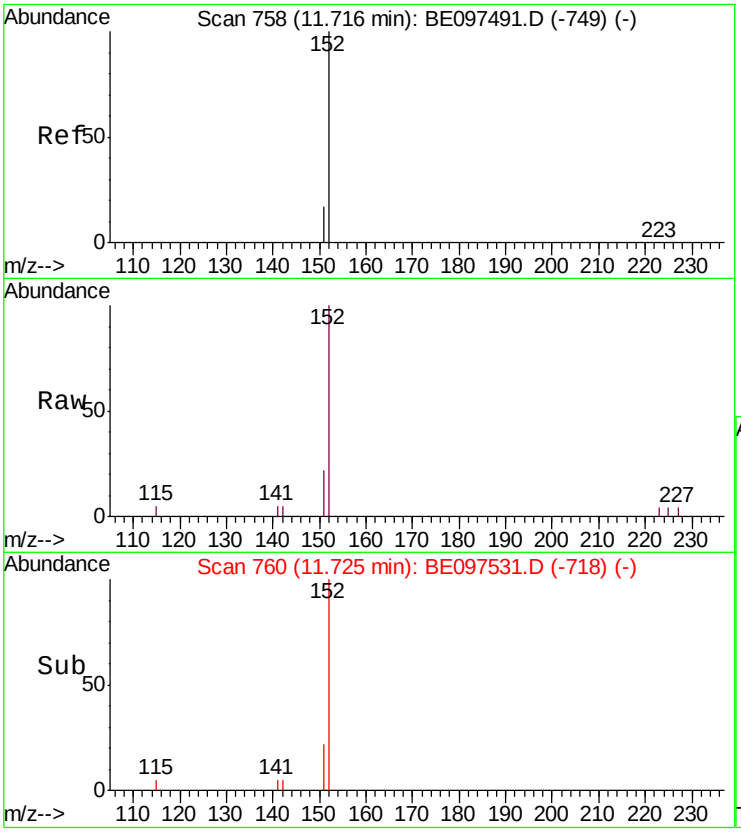


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.54 min Scan# 493
Delta R.T. 0.01 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion: 82 Resp: 1283

Ion	Ratio	Lower	Upper
82	100		
128	39.9	24.0	36.0#
54	58.4	40.0	60.0

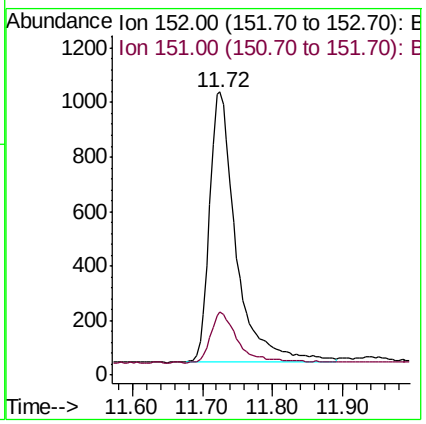




#11
2-Methylnaphthalene-d10
Concen: 0.440 ng
RT: 11.72 min Scan# 760
Delta R.T. 0.01 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:152 Resp: 2615

Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.4	23.0



Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW302S-20180912

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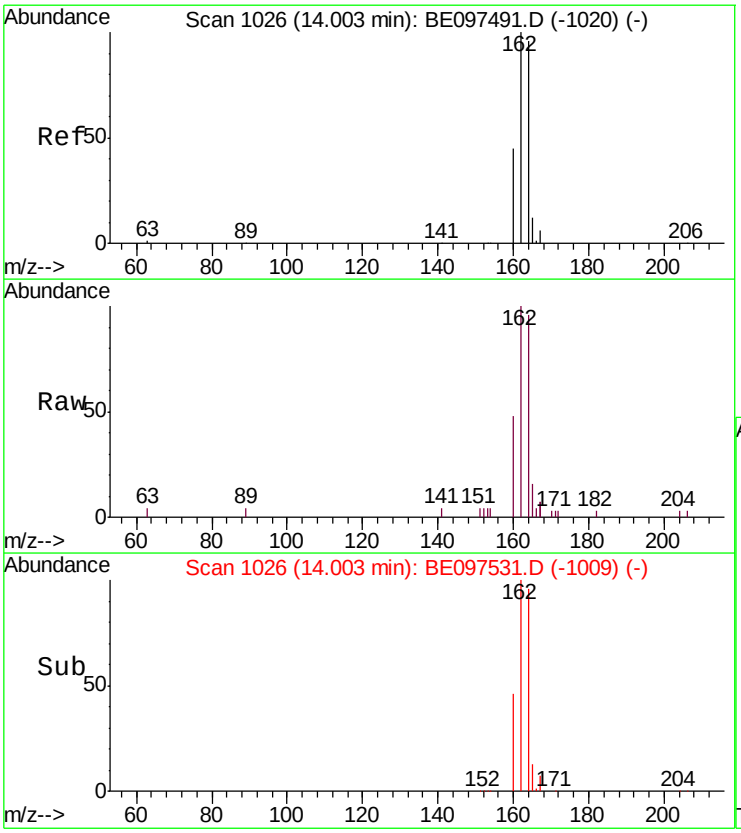
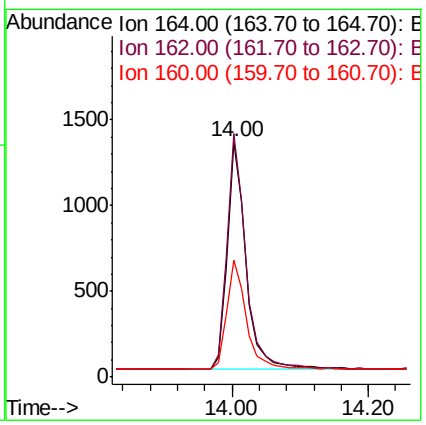
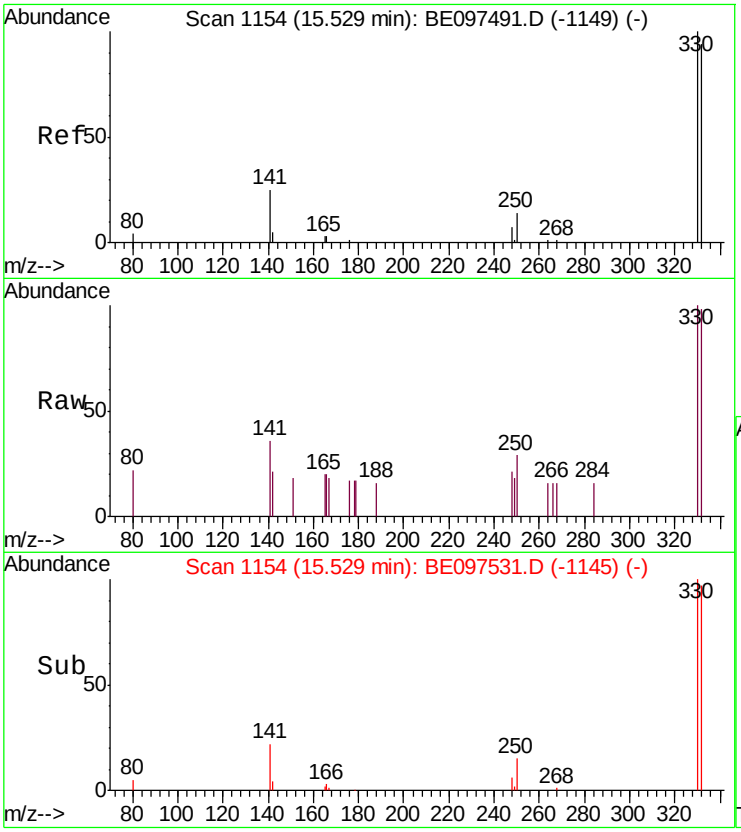


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:164 Resp: 2572

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.1	124.7
160	49.9	37.1	55.7





#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.53 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:330 Resp: 531

Ion	Ratio	Lower	Upper
330	100		
332	94.2	152.7	229.1#
141	38.2	33.7	50.5

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW302S-20180912

Manual Integrations APPROVED
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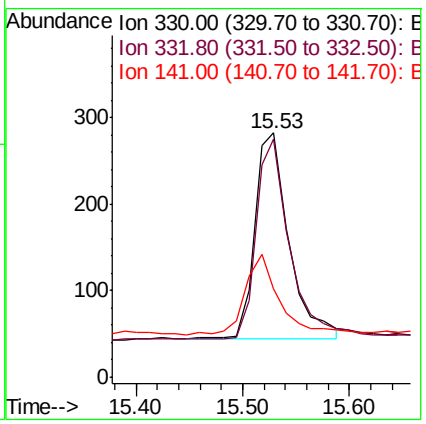
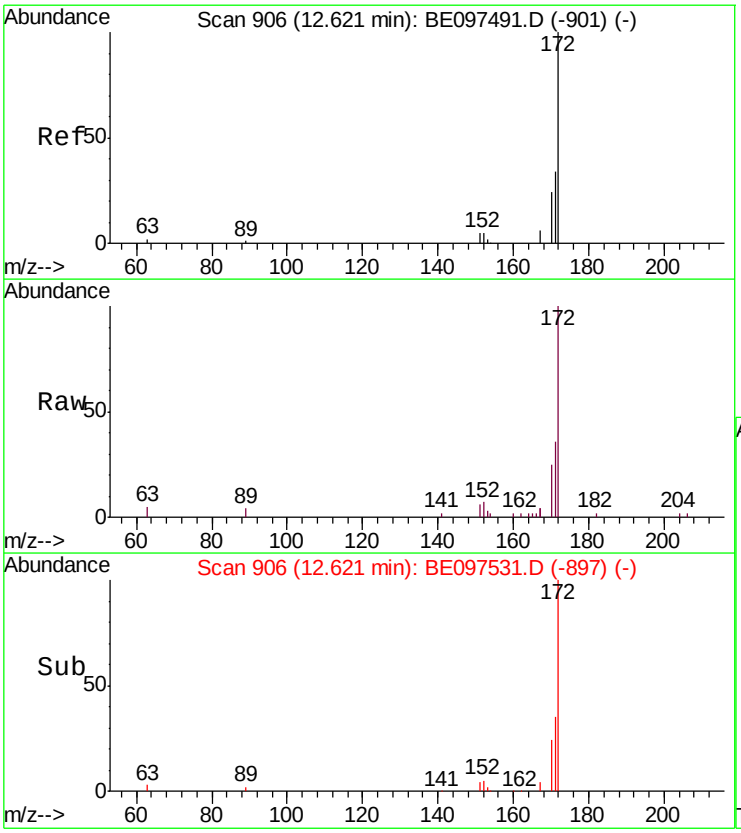
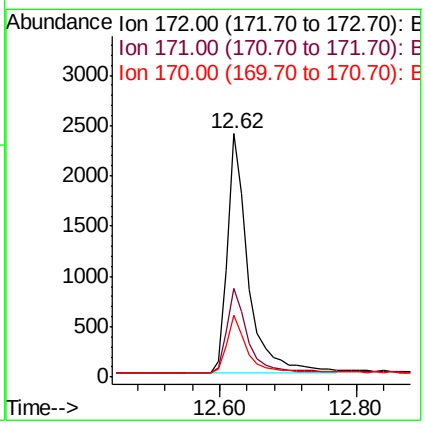


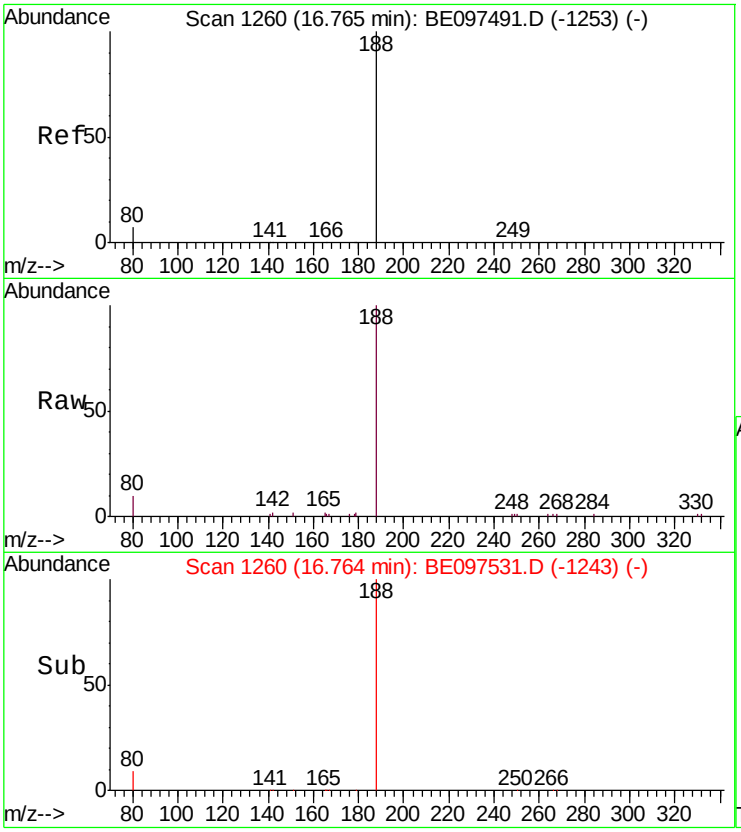


#15
2-Fluorobiphenyl
Concen: 0.567 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:172 Resp: 5095

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	25.2	21.8	32.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:188 Resp: 6934

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.3	3.6	5.4#

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW302S-20180912

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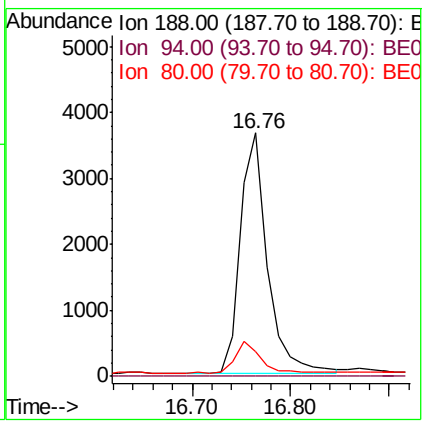
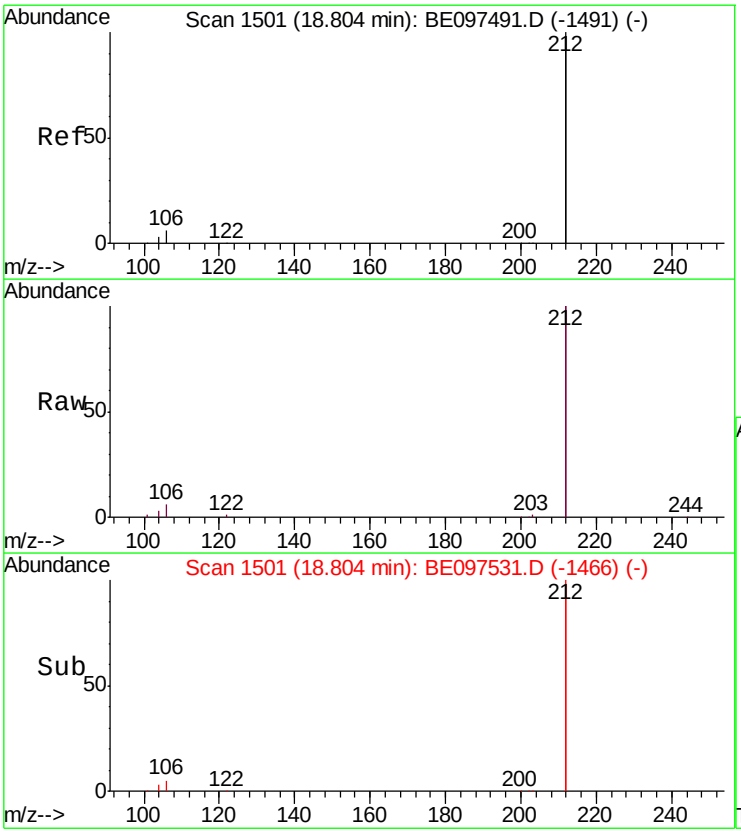
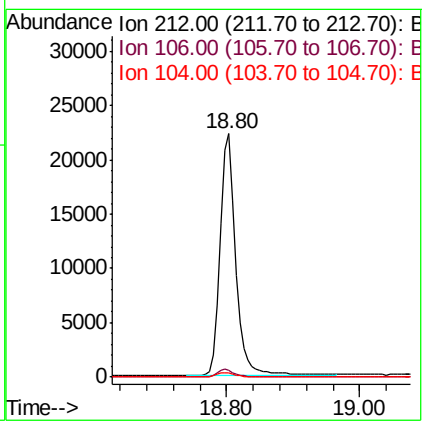


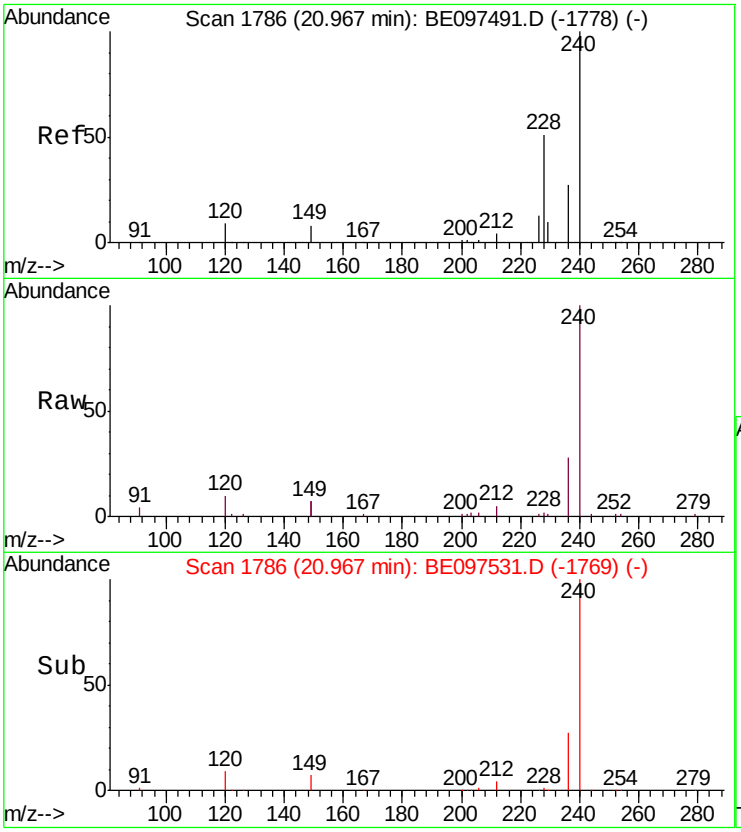


#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:212 Resp: 35975

Ion	Ratio	Lower	Upper
212	100		
106	3.1	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: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:240 Resp: 8285

Ion	Ratio	Lower	Upper
240	100		
120	10.2	5.5	8.3#
236	27.7	20.7	31.1

Instrument :
BNA_E
ClientSampleId :
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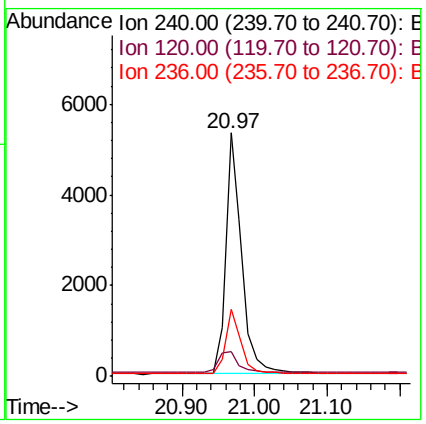
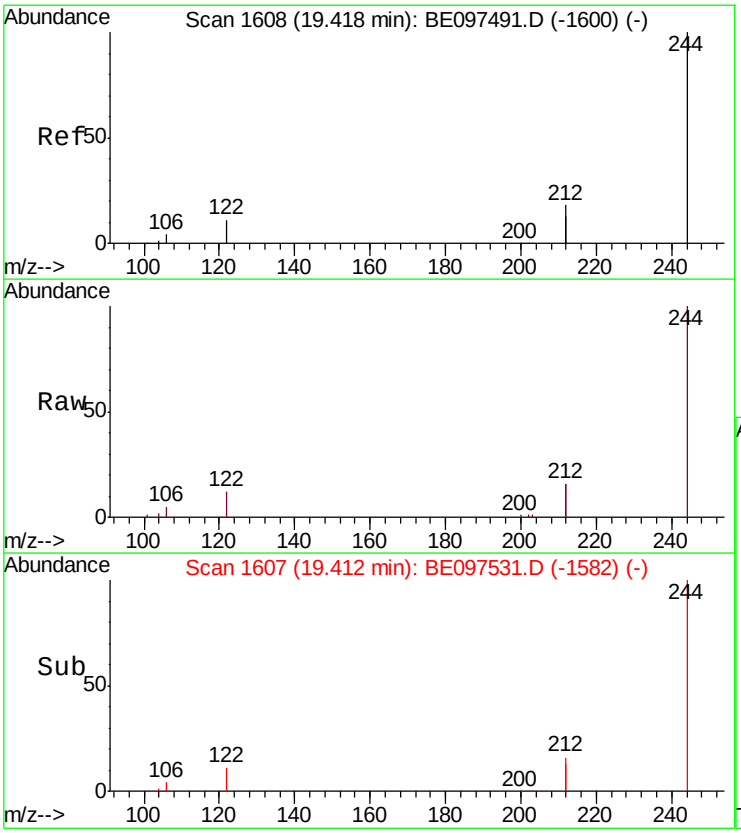
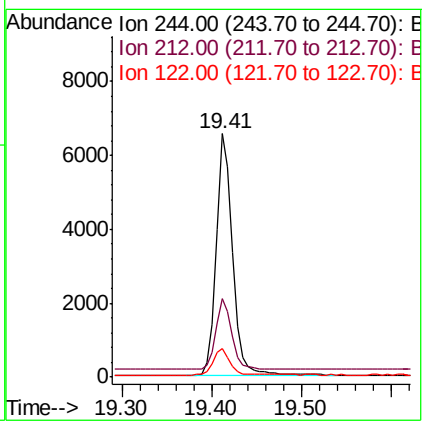


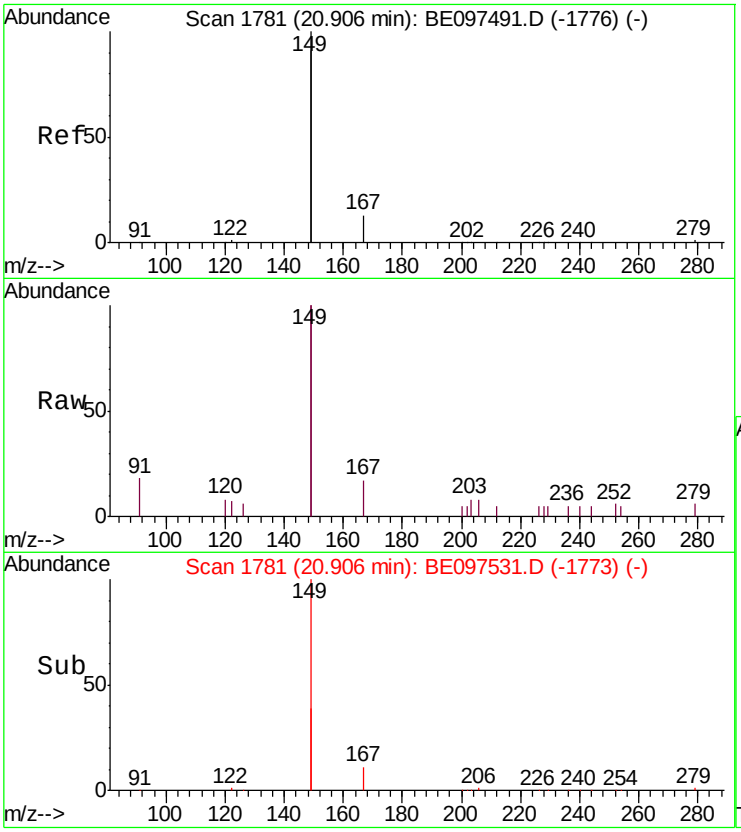


#29
Terphenyl-d14
Concen: 0.523 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:244 Resp: 8293

Ion	Ratio	Lower	Upper
244	100		
212	32.5	25.4	38.0
122	11.6	8.1	12.1





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.047 ng
RT: 20.91 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:149 Resp: 2198

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

Instrument :
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ClientSampleId :
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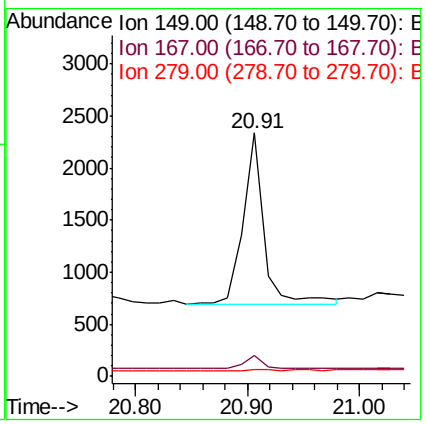

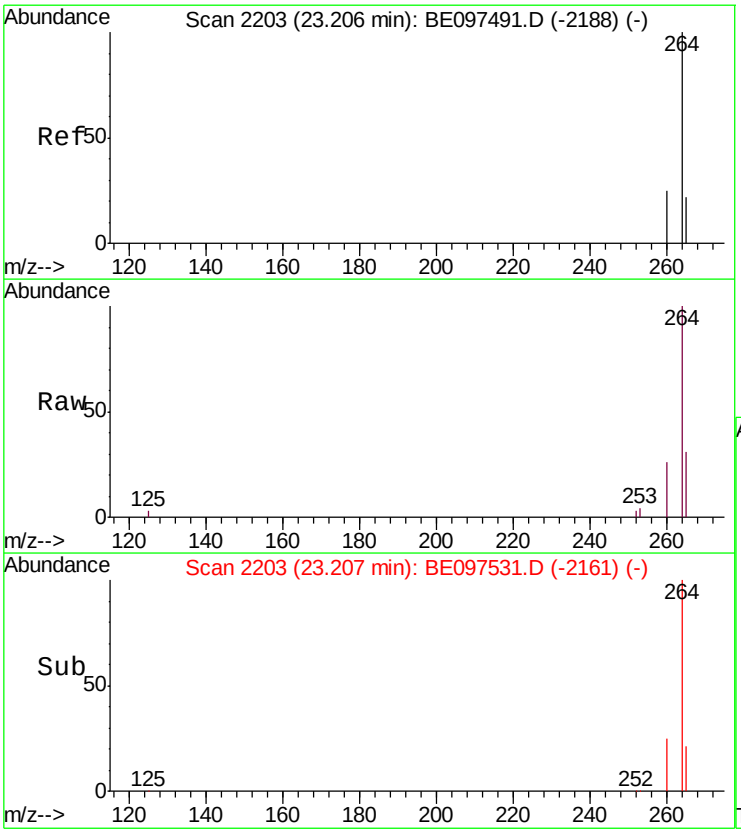

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion:264 Resp: 8391

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	31.0	22.8	34.2