Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
Data File : BE097687.D
Acq On : 26 Sep 2018 15:39
Operator : SJ/JU
Sample : J4892-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Manual Integrations APPROVED
Sohil
9/26/2018 6:07:37 PM

Quant Time: Sep 26 16:42:52 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	7.37	152	971	0.40	ng		-0.01
7) Naphthalene-d8	10.12	136	5037	0.40	ng		-0.01
13) Acenaphthene-d10	13.99	164	4746	0.40	ng		-0.01
19) Phenanthrene-d10	16.74	188	9318	0.40	ng		-0.01
27) Chrysene-d12	20.95	240	10931	0.40	ng		-0.01
34) Perylene-d12	23.20	264	10396	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	865	0.34	ng		-0.01
5) Phenol-d6	6.61	99	1066	0.30	ng		-0.01
8) Nitrobenzene-d5	8.50	82	2211	0.67	ng		-0.05
11) 2-Methylnaphthalene-d10	11.70	152	3585	0.48	ng		-0.03
14) 2,4,6-Tribromophenol	15.50	330	944	0.48	ng		-0.03
15) 2-Fluorobiphenyl	12.60	172	5620	0.36	ng		-0.03
25) Fluoranthene-d10	18.80	212	52067	0.51	ng		0.00
29) Terphenyl-d14	19.41	244	11000	0.51	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.16	128	5491308	119.946	ng		99
12) 2-Methylnaphthalene	11.77	142	513932	70.896	ng		97
17) Acenaphthene	14.05	154	3174m	0.255	ng		
18) Fluorene	15.05	166	12512	0.714	ng	#	78
23) Phenanthrene	16.79	178	4408	0.200	ng	#	55
32) Bis(2-ethylhexyl)phthalate	20.89	149	13994	0.474	ng	#	99

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

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Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

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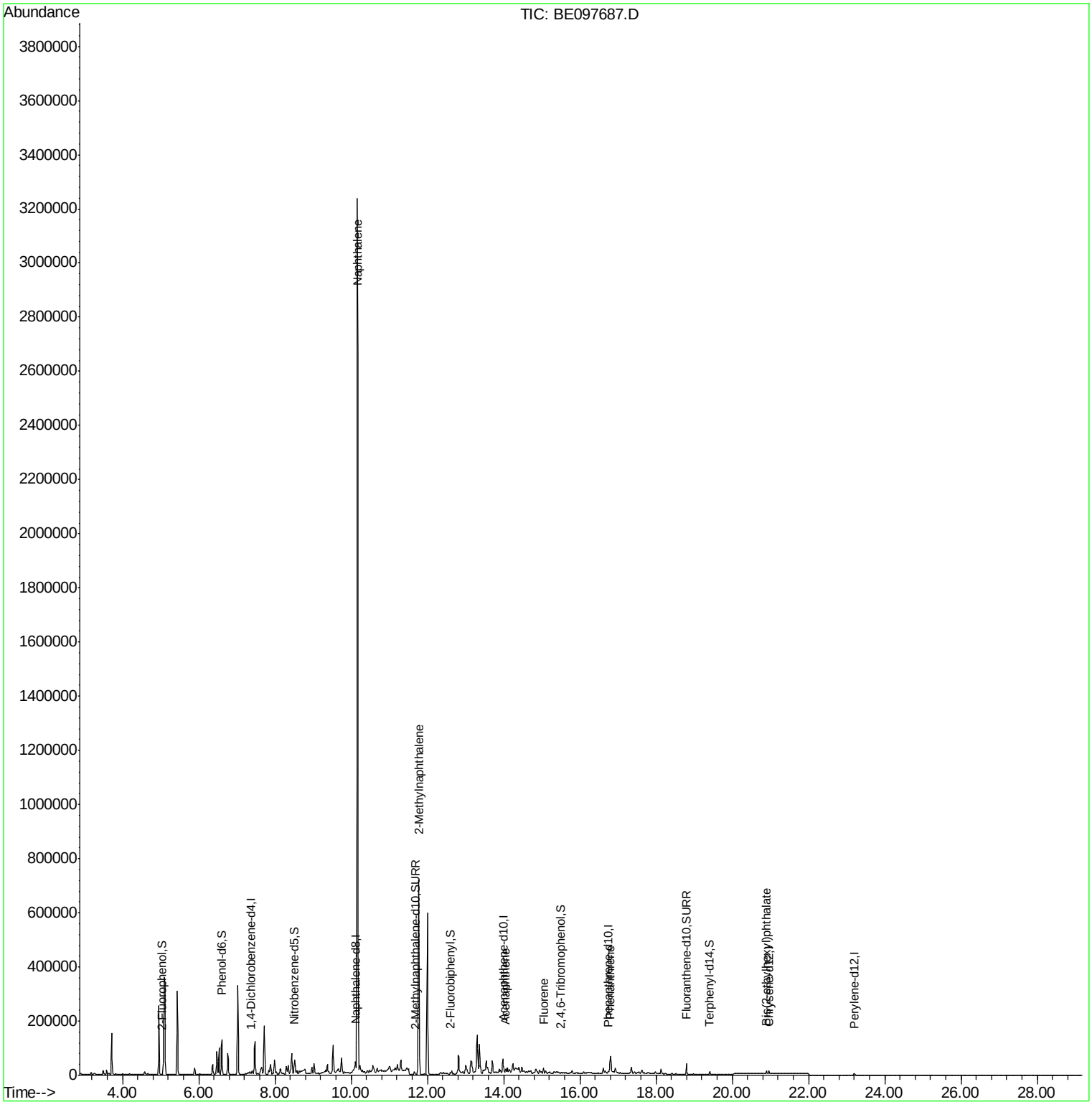
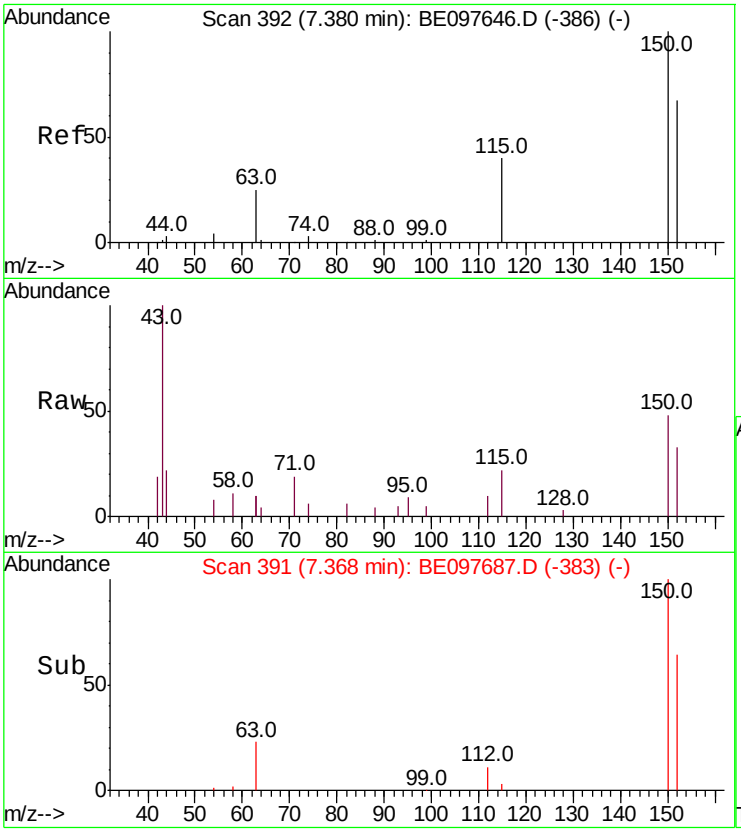
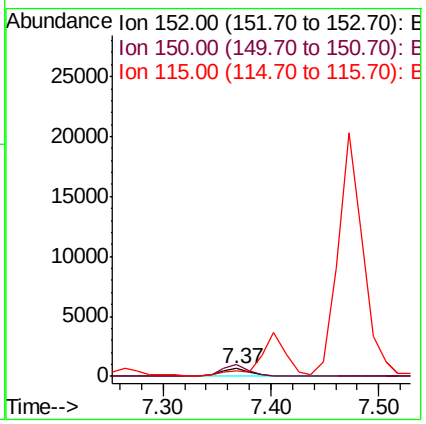




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:152 Resp: 971

Ion	Ratio	Lower	Upper
152	100		
150	147.7	117.2	175.8
115	67.5	57.0	85.6



Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

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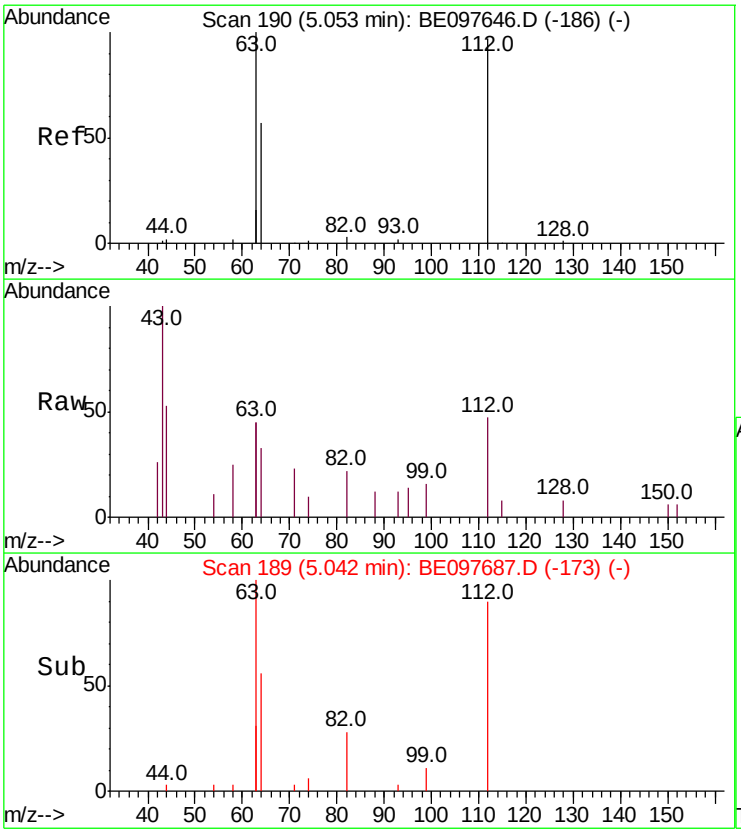
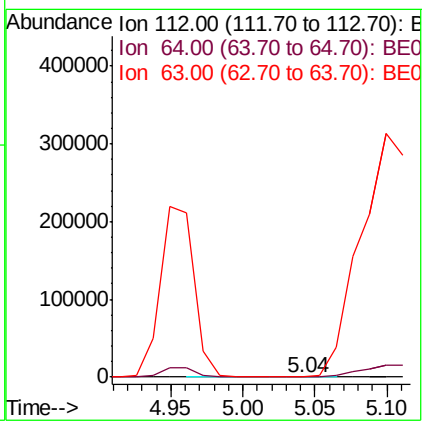
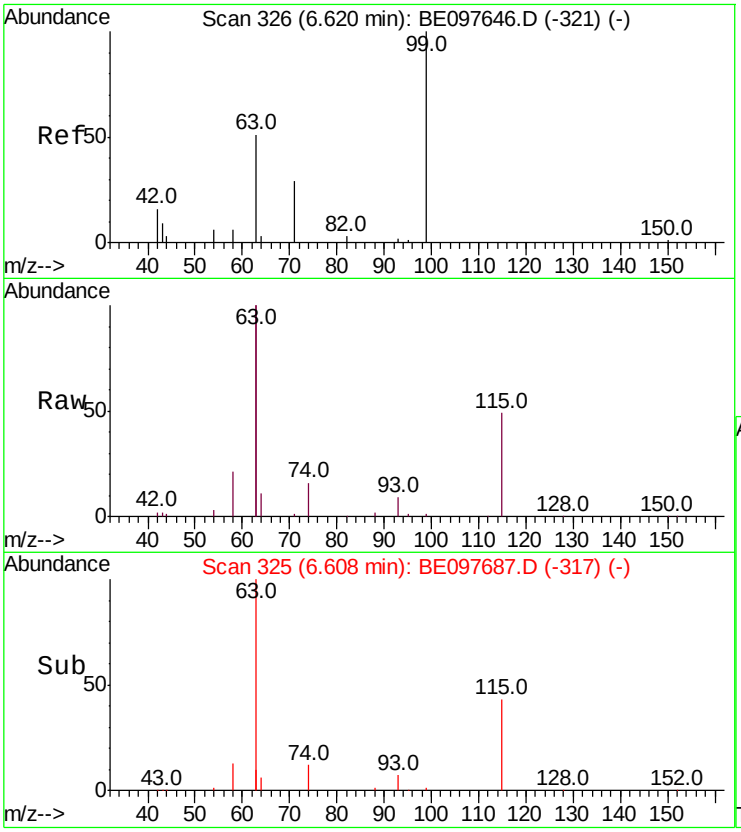


#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:112 Resp: 865

Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#





#5
Phenol-d6
Concen: 0.295 ng
RT: 6.61 min Scan# 325
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion: 99 Resp: 1066

Ion	Ratio	Lower	Upper
99	100		
42	113.1	20.2	30.2#
71	0.0	28.4	42.6#

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

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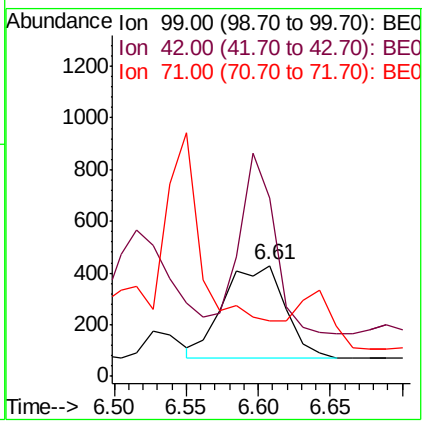
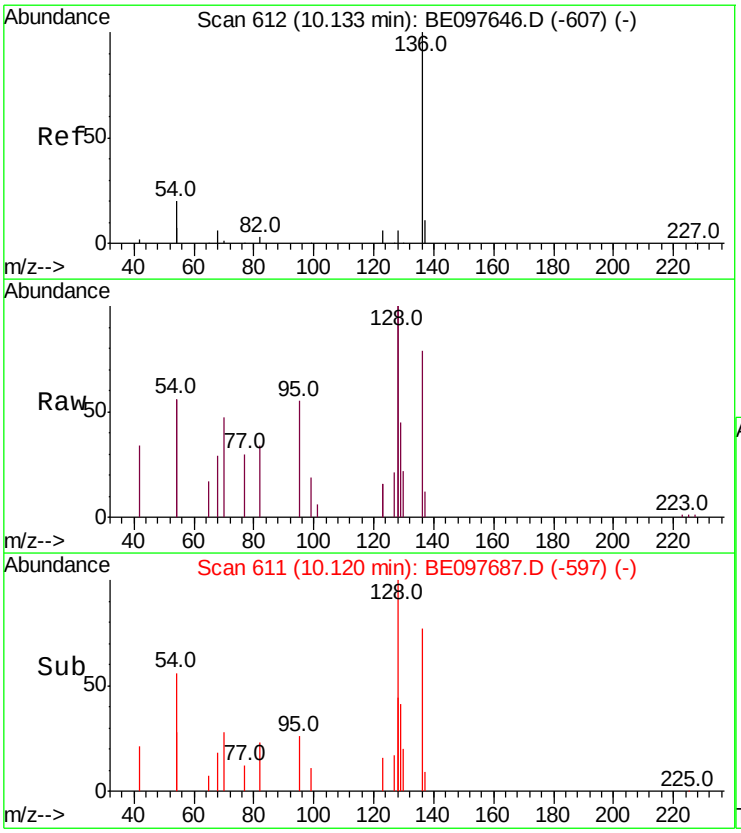
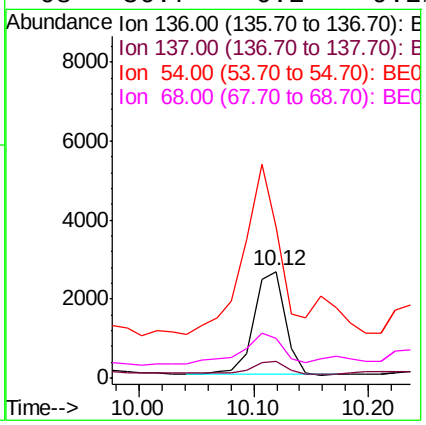


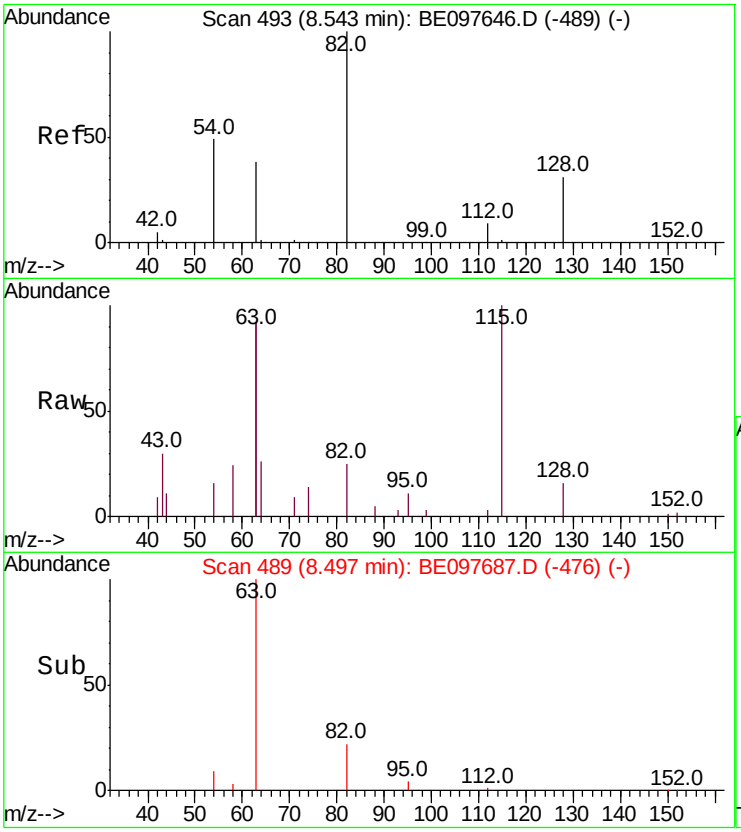


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:136 Resp: 5037

Ion	Ratio	Lower	Upper
136	100		
137	15.4	9.5	14.3#
54	142.1	29.1	43.7#
68	36.7	6.2	9.2#

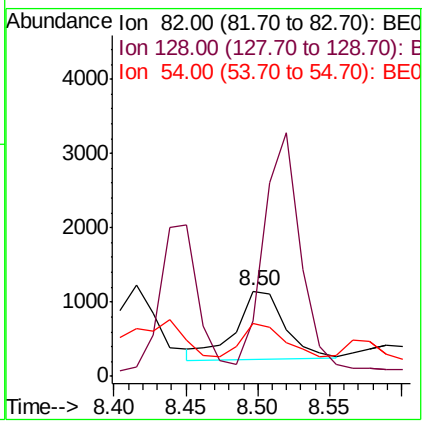




#8
Nitrobenzene-d5
Concen: 0.668 ng
RT: 8.50 min Scan# 489
Delta R.T. -0.05 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion: 82 Resp: 2211

Ion	Ratio	Lower	Upper
82	100		
128	65.6	24.0	36.0#
54	62.9	40.0	60.0#



Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

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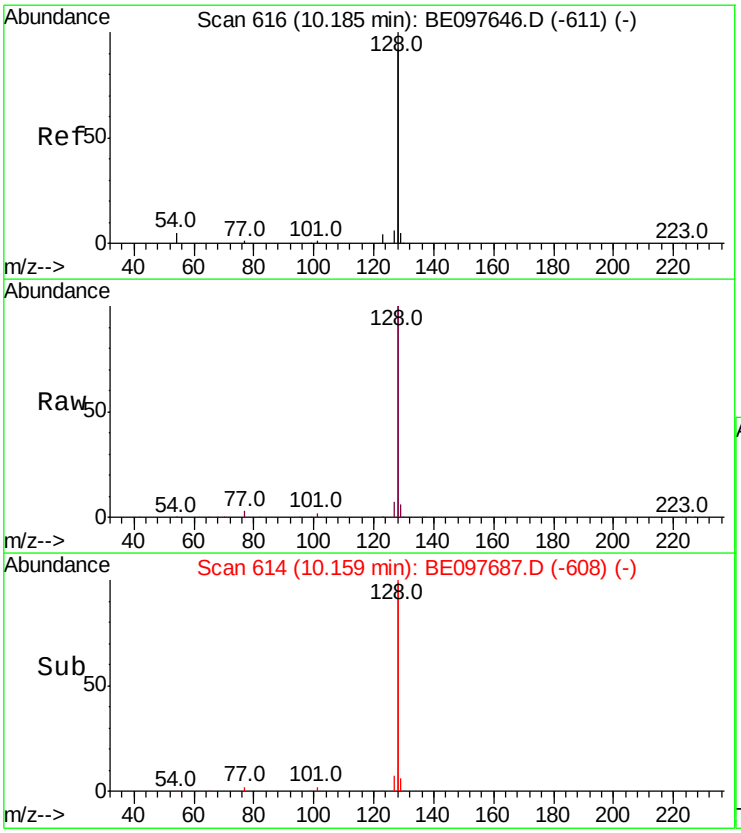
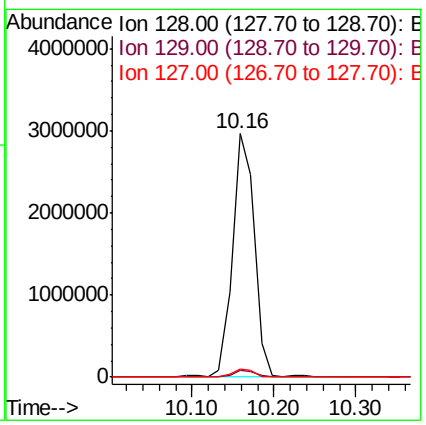
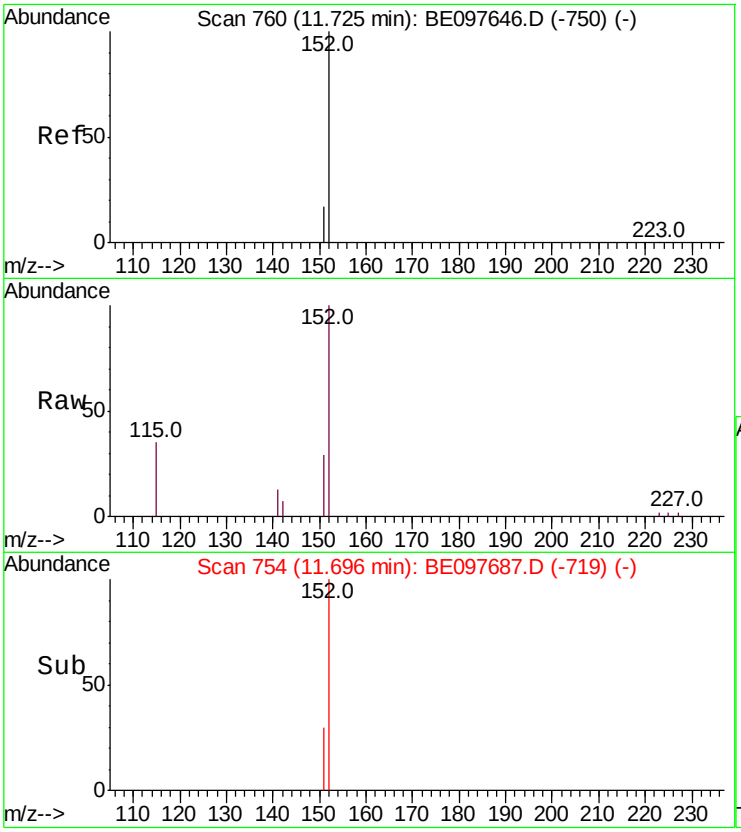


#9
Naphthalene
Concen: 119.946 ng
RT: 10.16 min Scan# 614
Delta R.T. -0.03 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:128 Resp: 5491308

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.5	2.8	4.2





#11
2-Methylnaphthalene-d10
Concen: 0.481 ng
RT: 11.70 min Scan# 754
Delta R.T. -0.03 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:152 Resp: 3585

Ion	Ratio	Lower	Upper
152	100		
151	29.8	15.4	23.0#

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

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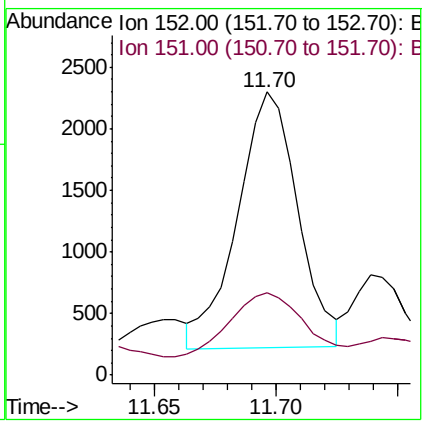
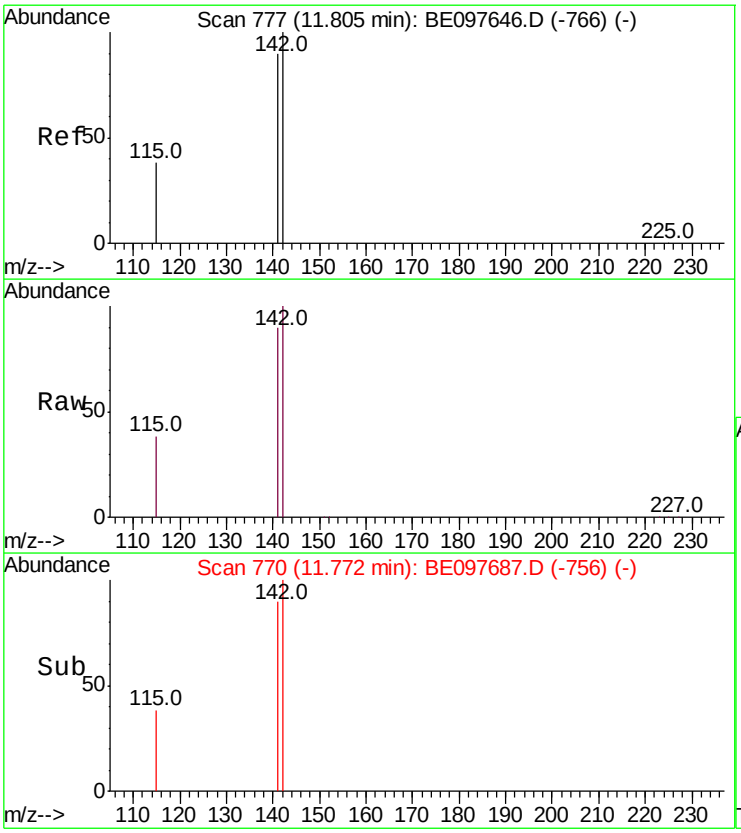
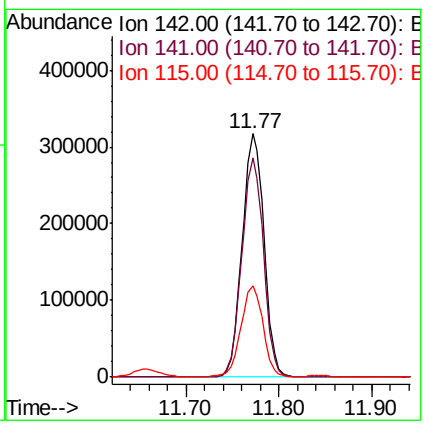


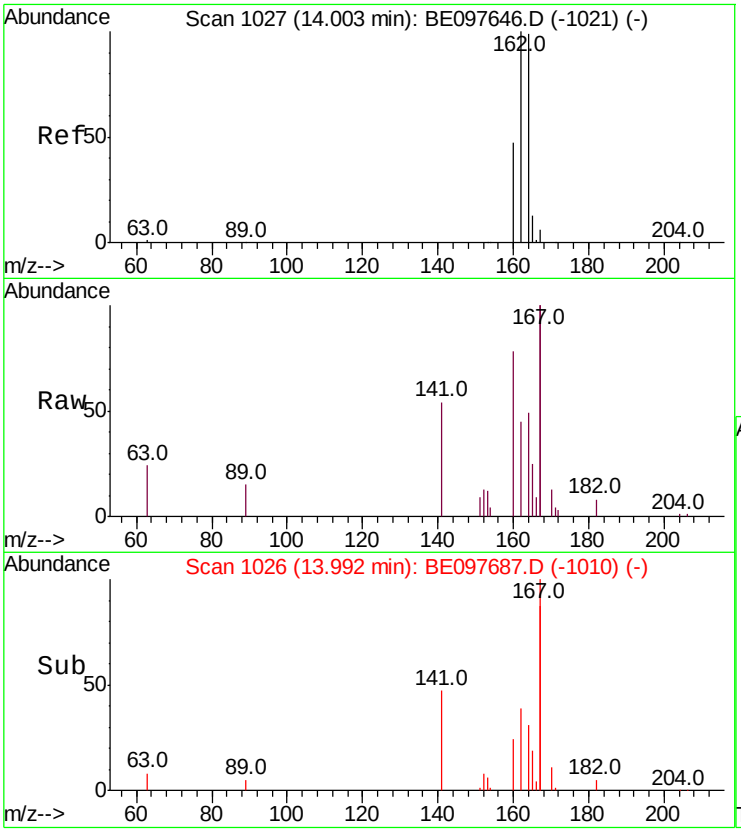


#12
2-Methylnaphthalene
Concen: 70.896 ng
RT: 11.77 min Scan# 770
Delta R.T. -0.03 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:142 Resp: 513932

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.4	105.6
115	37.7	31.7	47.5





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:164 Resp: 4746

Ion	Ratio	Lower	Upper
164	100		
162	92.9	83.1	124.7
160	160.7	37.1	55.7#

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

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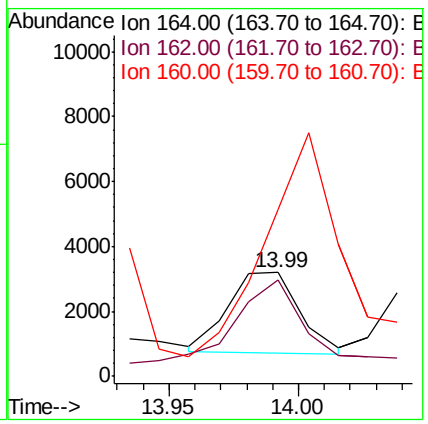
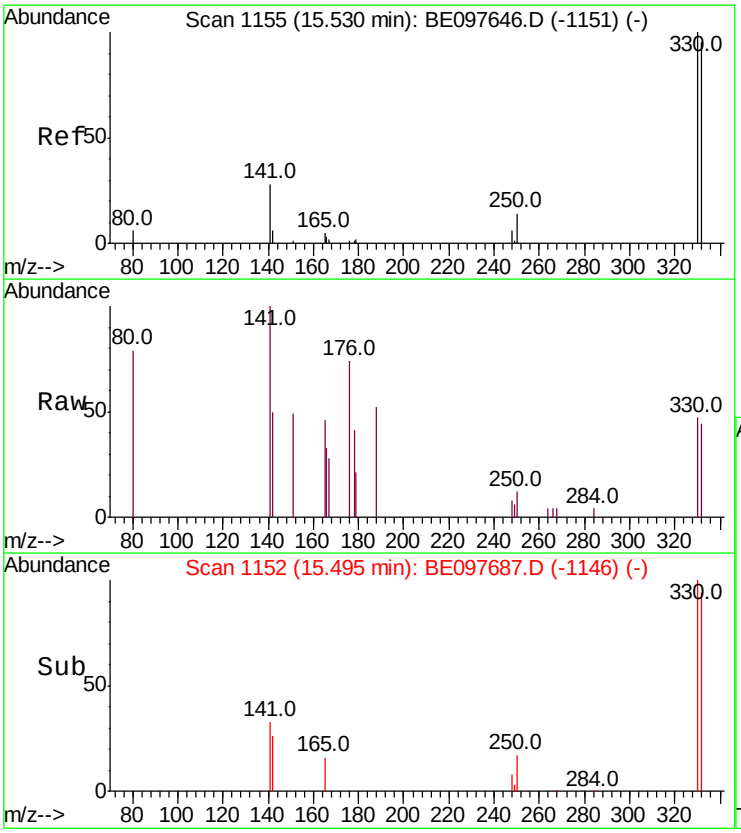
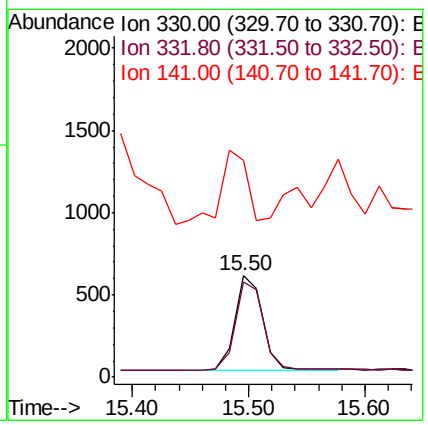


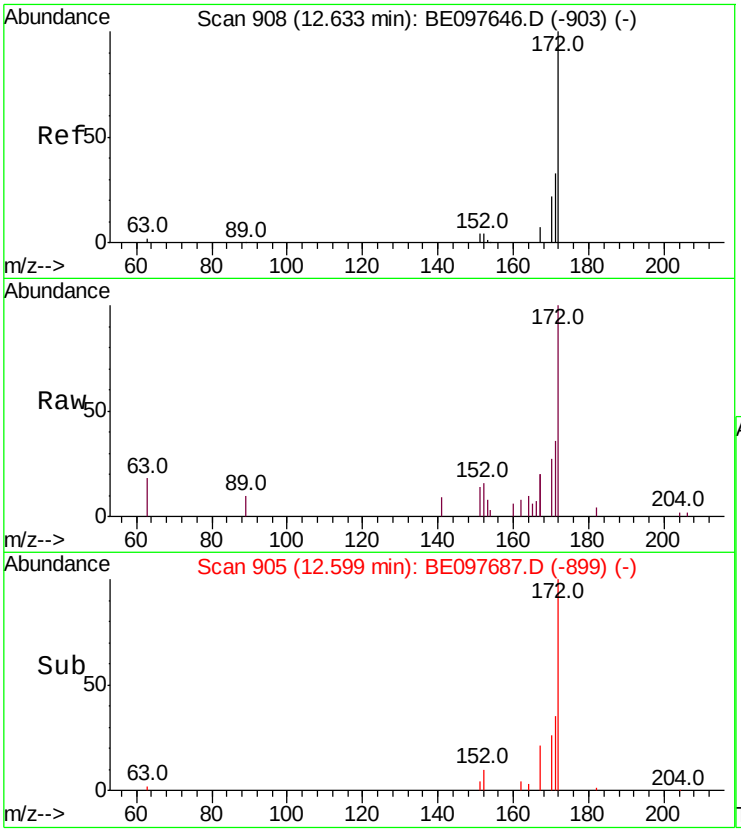


#14
2,4,6-Tribromophenol
Concen: 0.479 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.03 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:330 Resp: 944

Ion	Ratio	Lower	Upper
330	100		
332	95.2	152.7	229.1#
141	66.2	33.7	50.5#

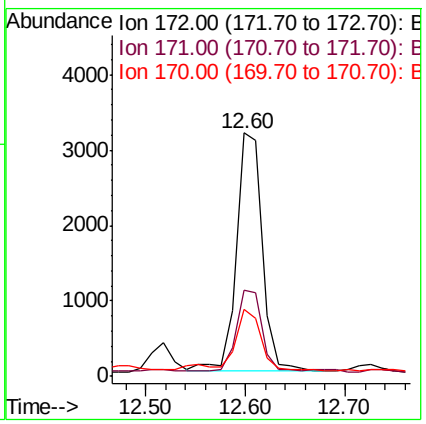




#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.60 min Scan# 905
Delta R.T. -0.03 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:172 Resp: 5620

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	27.5	21.8	32.8



Instrument :
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ClientSampleId :
PR-MW-01-091218

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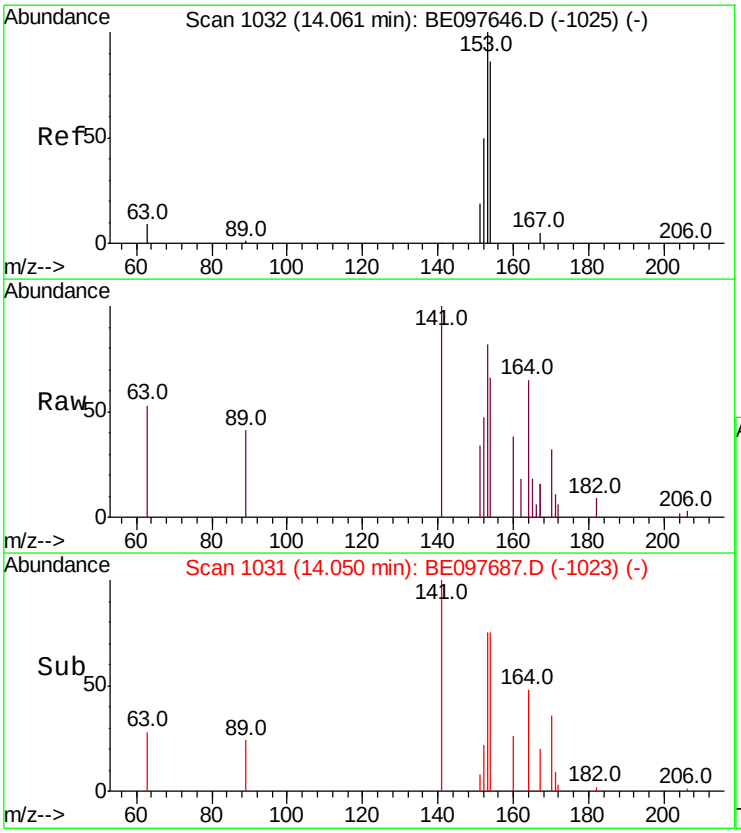
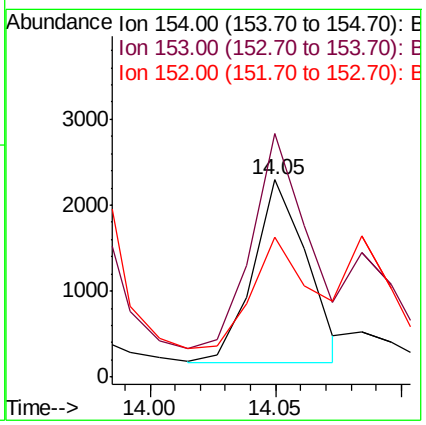
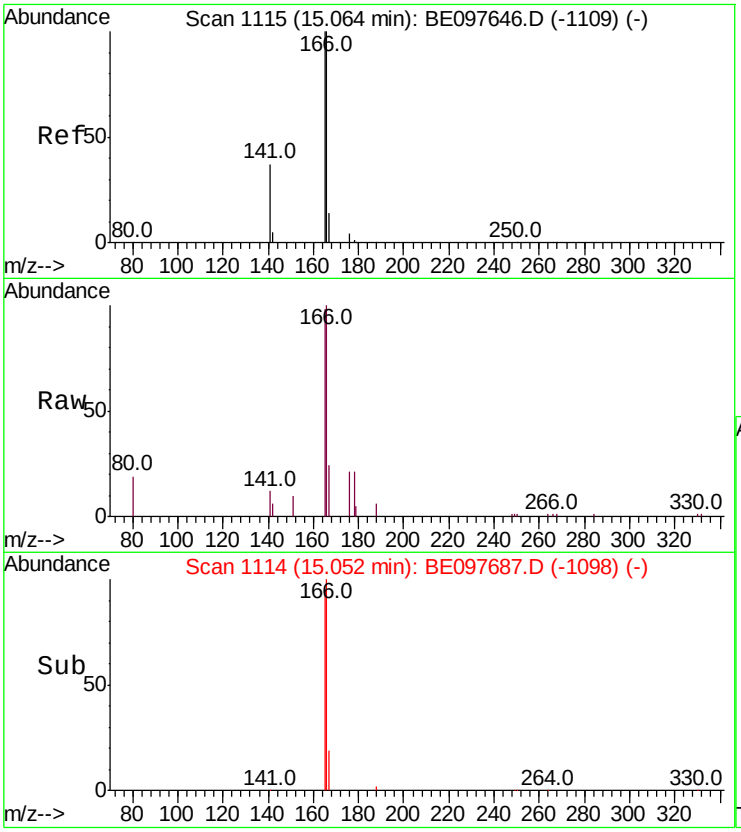


#17
Acenaphthene
Concen: 0.255 ng m
RT: 14.05 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:154 Resp: 3174

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	0.0	42.0	63.0#

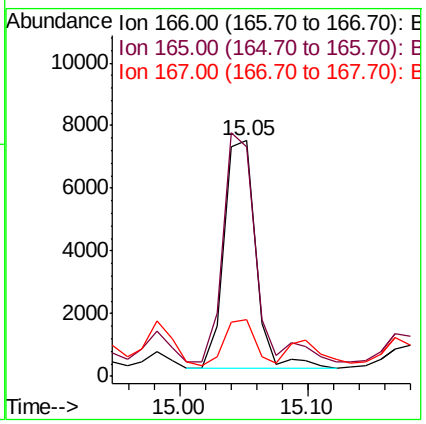




#18
Fluorene
Concen: 0.714 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:166 Resp: 12512

Ion	Ratio	Lower	Upper
166	100		
165	105.7	77.8	116.6
167	20.1	42.4	63.6#



Instrument :
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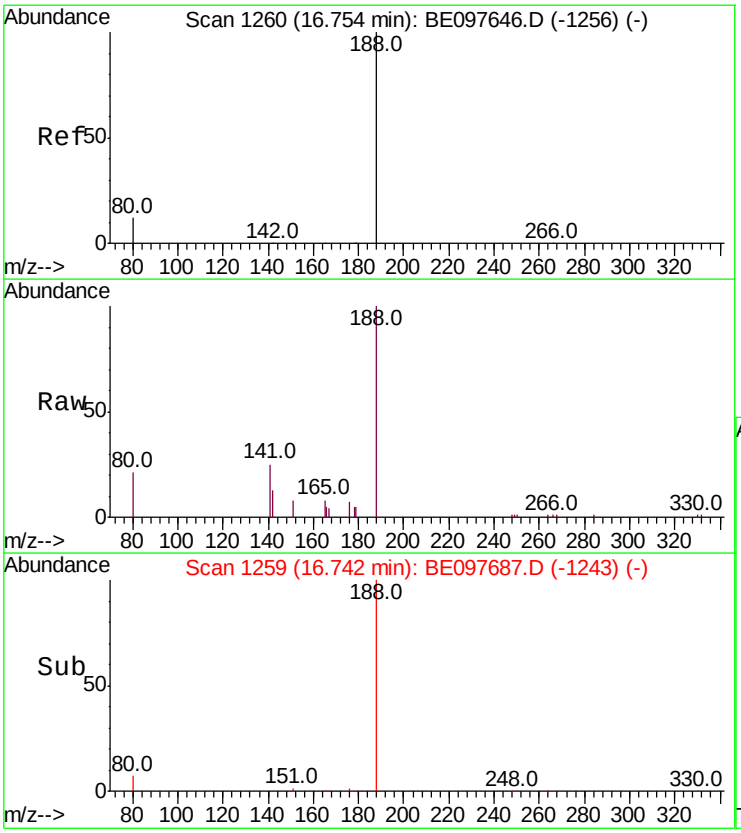
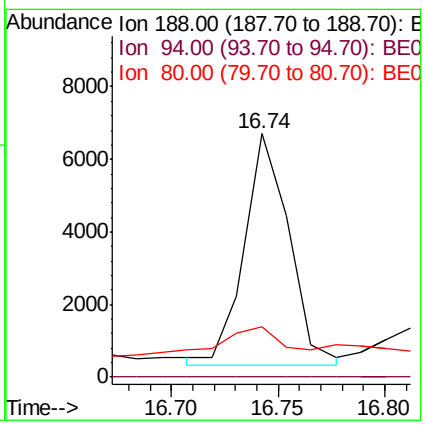
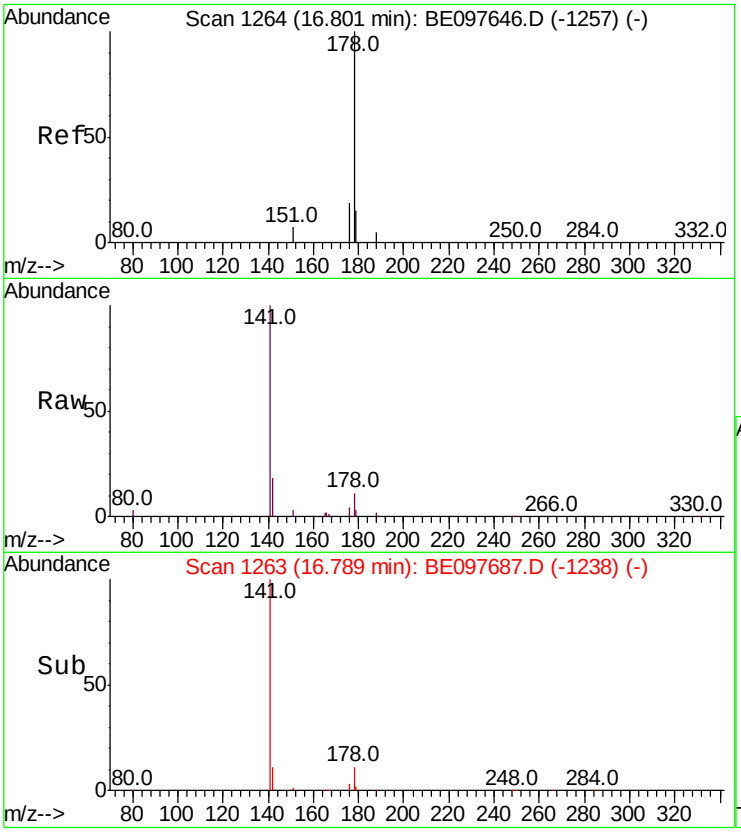


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.74 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:188 Resp: 9318

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	20.8	3.6	5.4#





#23
Phenanthrene
Concen: 0.200 ng
RT: 16.79 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Manual Integrations APPROVED
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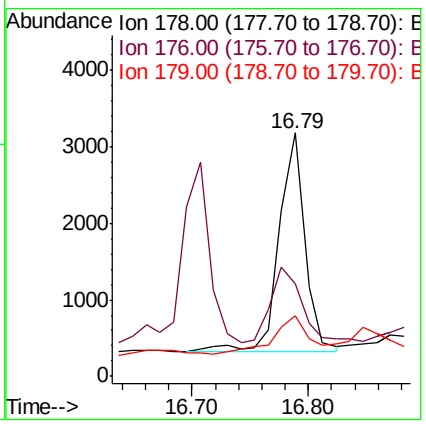
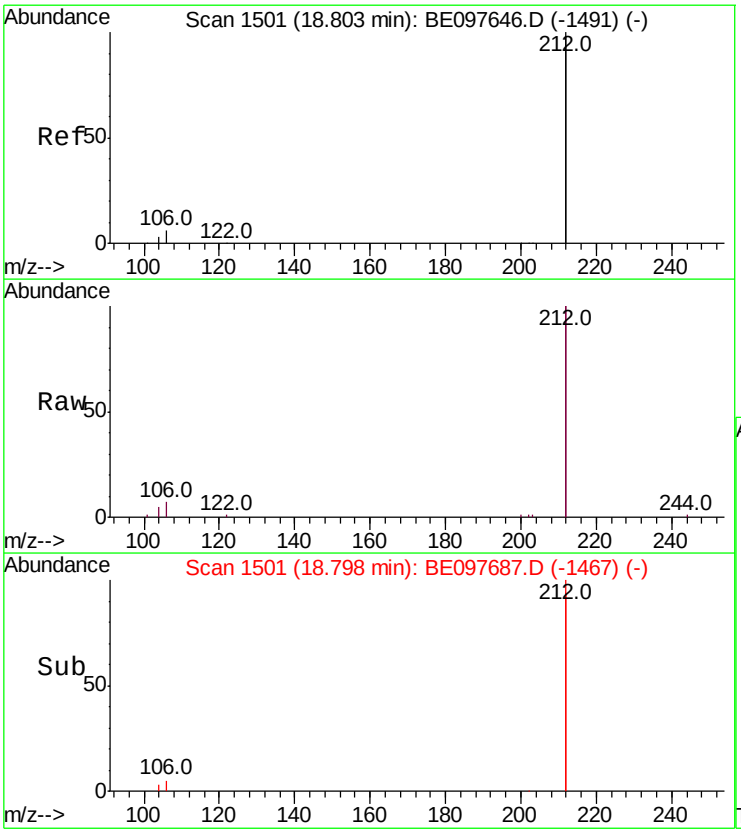
9/26/2018 6:07:37 PM

Tgt Ion:178 Resp: 4408

Ion	Ratio	Lower	Upper
178	100		
176	47.7	15.1	22.7#
179	22.8	11.8	17.6#

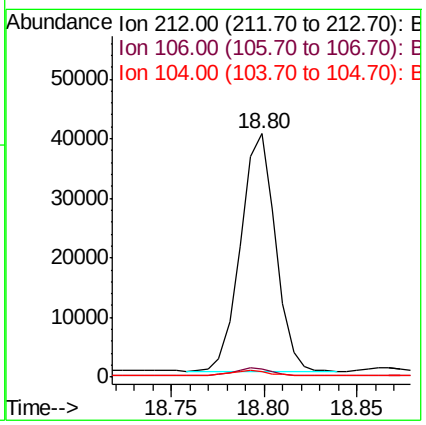


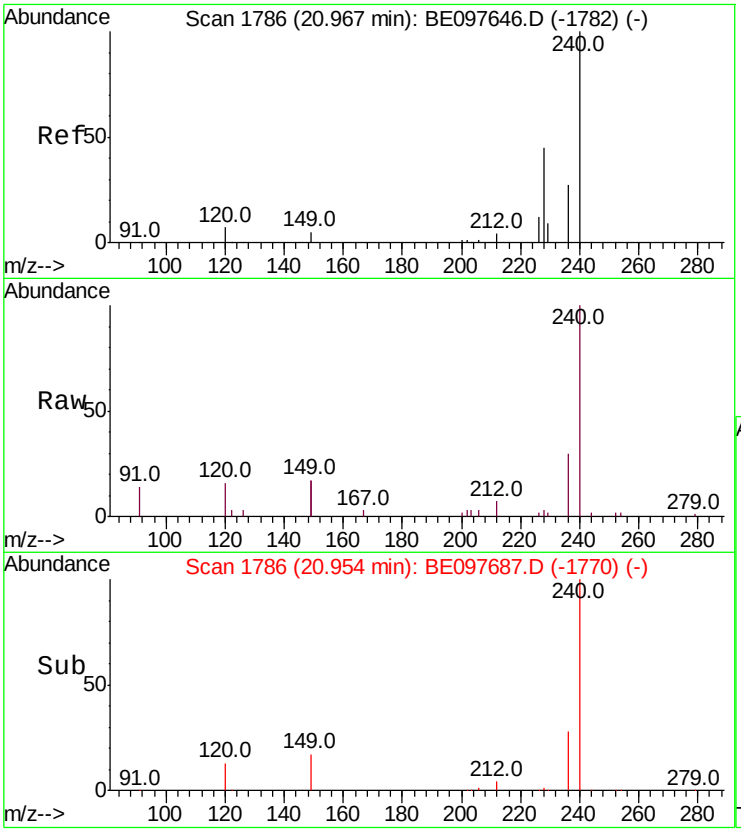


#25
Fluoranthene-d10
Concen: 0.513 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:212 Resp: 52067

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.7	1.6	2.4

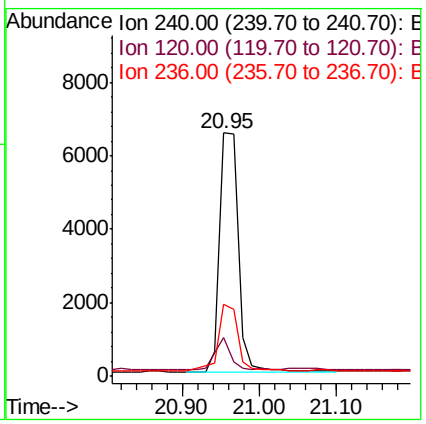




#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

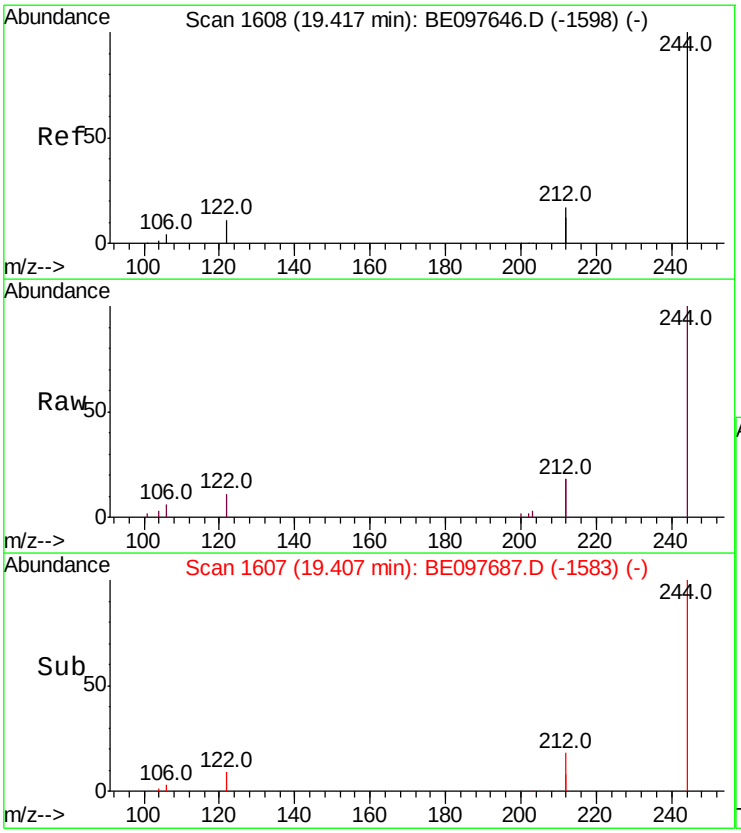
Tgt Ion:240 Resp: 10931

Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.5	8.3#
236	29.7	20.7	31.1



Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

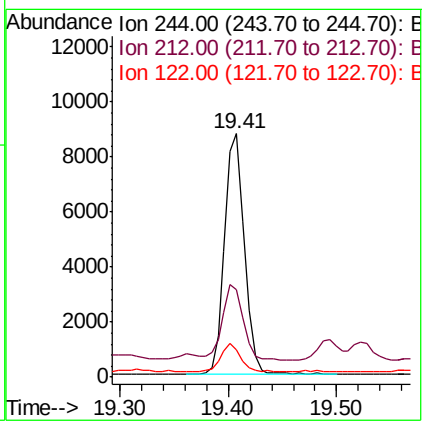
Manual Integrations APPROVED
Sohil
9/26/2018 6:07:37 PM

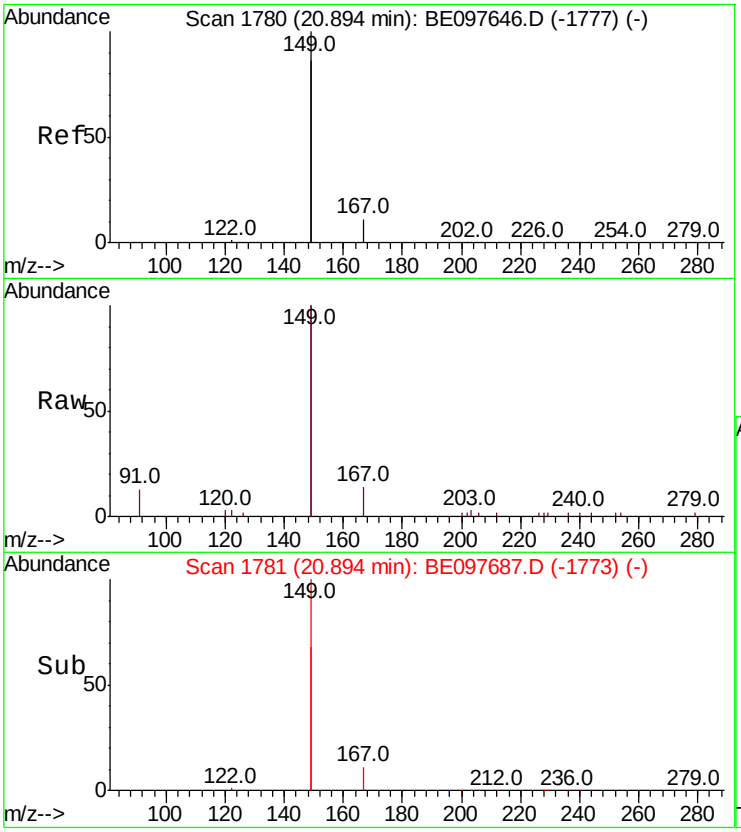


#29
Terphenyl-d14
Concen: 0.511 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:244 Resp: 11000

Ion	Ratio	Lower	Upper
244	100		
212	35.7	25.4	38.0
122	11.2	8.1	12.1





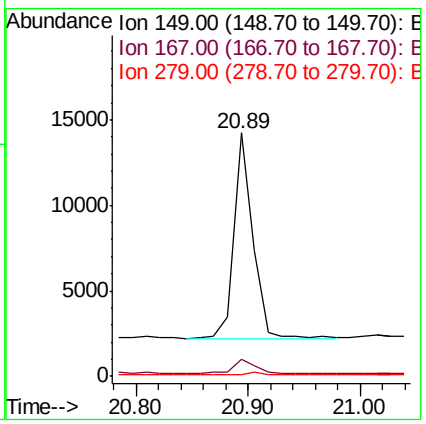
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.474 ng
RT: 20.89 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

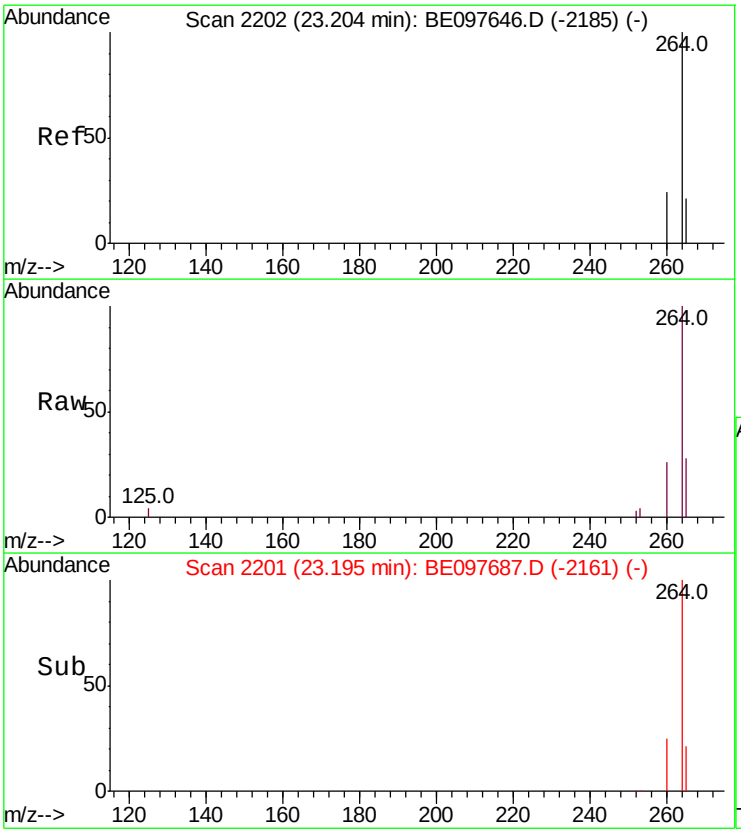
Tgt Ion:149 Resp: 13994

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.2	0.7	1.1#

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Manual Integrations APPROVED
Sohil
9/26/2018 6:07:37 PM





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BE097687.D
Acq: 26 Sep 2018 15:39

Tgt Ion:264 Resp: 10396

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	27.6	22.8	34.2