Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
Data File : BE096821.D
Acq On : 18 Jun 2018 22:56
Operator : SJ/JU
Sample : J3467-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-061218

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Quant Time: Jun 19 08:36:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 18 13:28:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3884	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	22087	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	10437m	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	32152m	0.40	ng		0.00
27) Chrysene-d12	20.98	240	30791	0.40	ng		0.00
34) Perylene-d12	23.22	264	31535	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	3236	0.38	ng		0.00
5) Phenol-d6	6.60	99	2648	0.21	ng		0.00
8) Nitrobenzene-d5	8.53	82	19365m	1.58	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	18971	0.54	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	2848m	1.11	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	22035m	0.51	ng		0.00
25) Fluoranthene-d10	18.83	212	125029	0.40	ng		0.02
29) Terphenyl-d14	19.44	244	36558	0.52	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.21	128	12159952	56.031	ng		100
12) 2-Methylnaphthalene	11.82	142	1769675	48.627	ng		99
17) Acenaphthene	14.09	154	19810m	0.599	ng		
18) Fluorene	15.09	166	65904m	1.684	ng		
23) Phenanthrene	16.82	178	28055	0.321	ng	#	69
28) Pyrene	19.22	202	2700	0.027	ng	#	92
32) Bis(2-ethylhexyl)phthalate	20.94	149	76318	1.361	ng		100

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

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Misc :
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Instrument :
BNA_E
ClientSampleId :
PR-MW-01-061218

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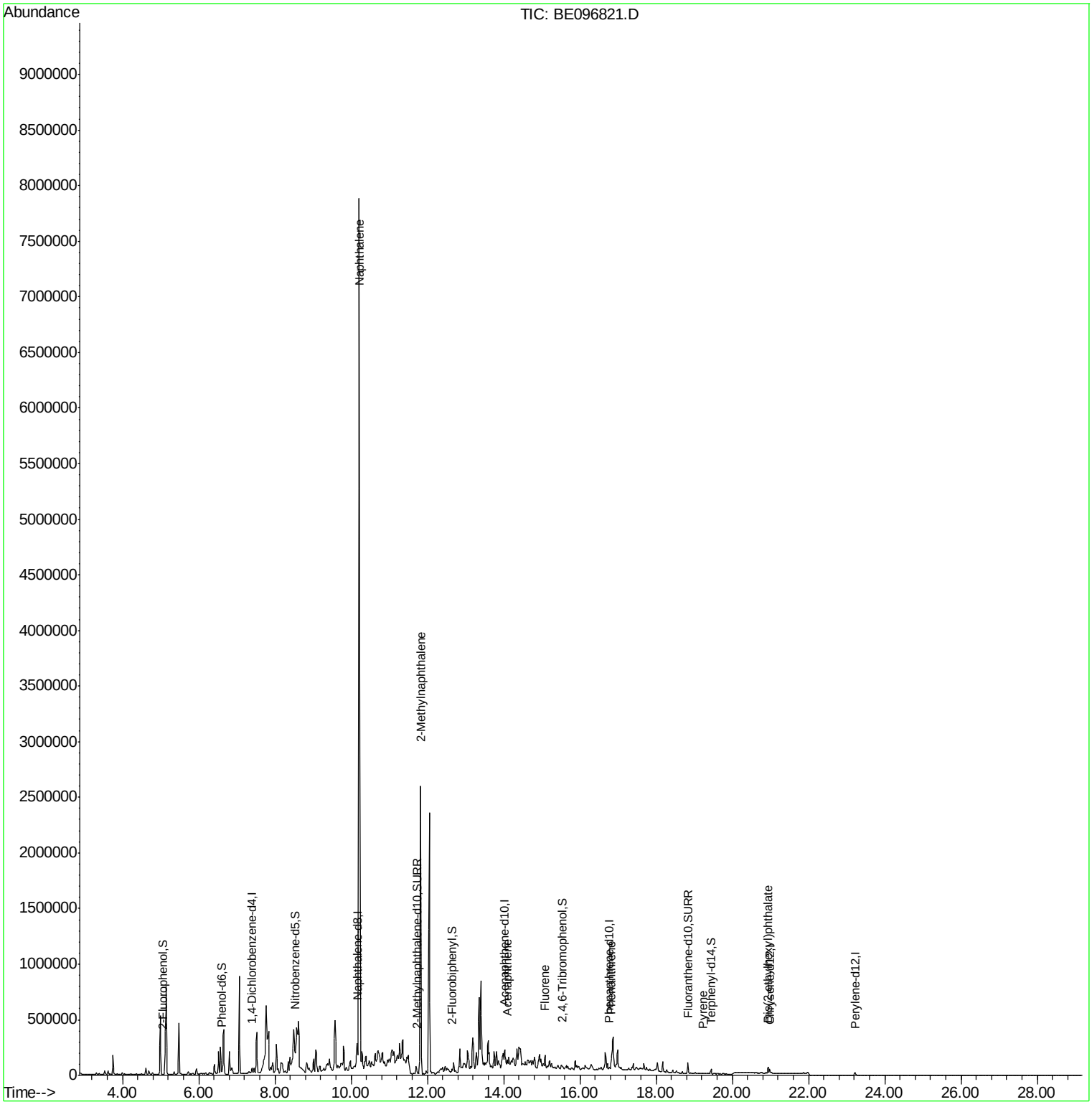
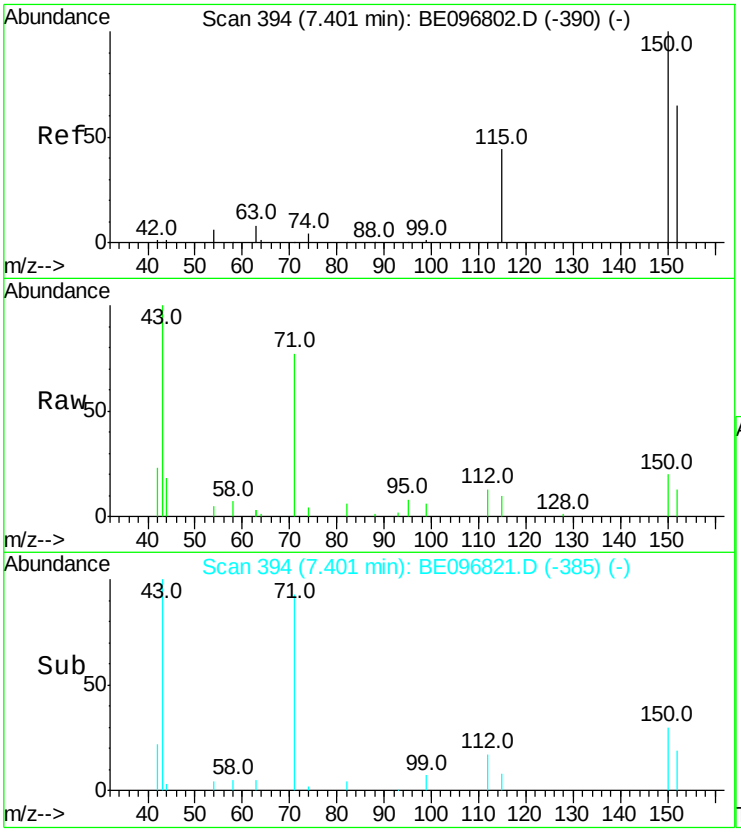
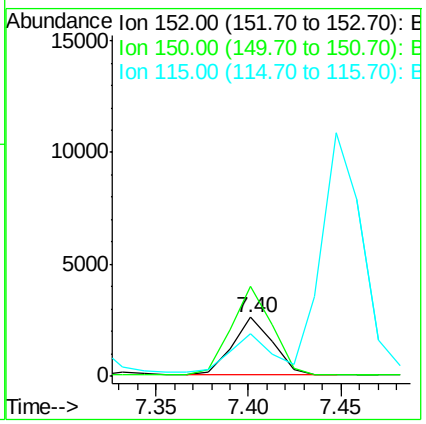




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:152 Resp: 3884

Ion	Ratio	Lower	Upper
152	100		
150	152.2	117.2	175.8
115	71.1	57.0	85.6



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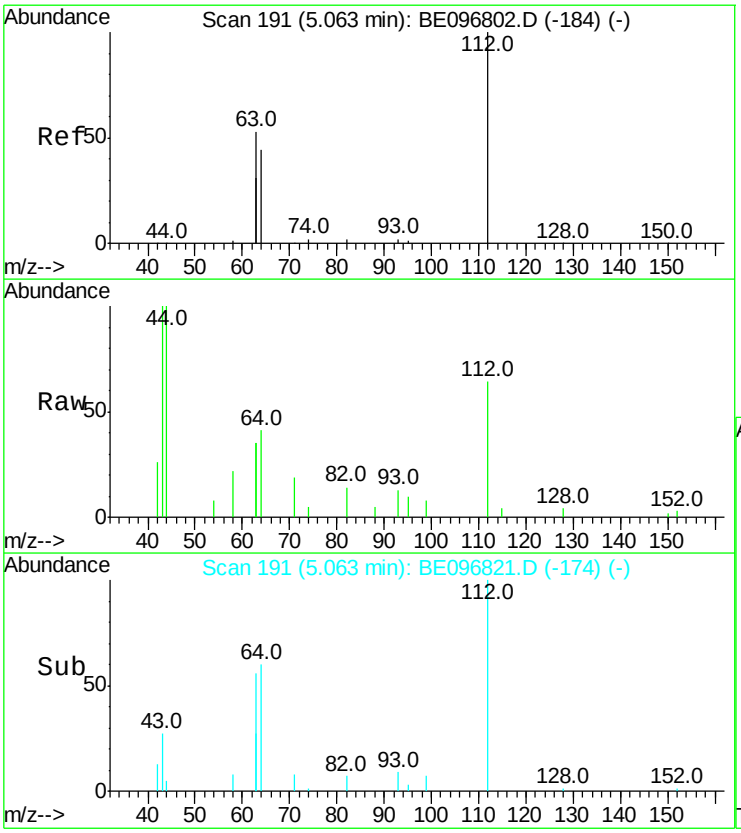
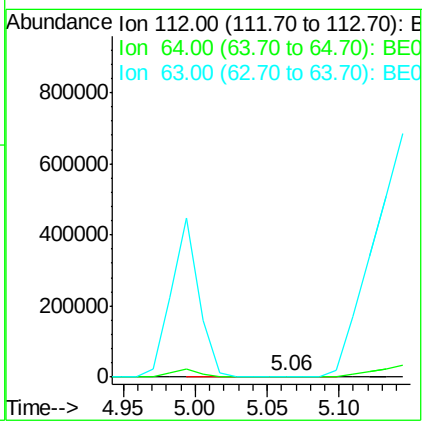
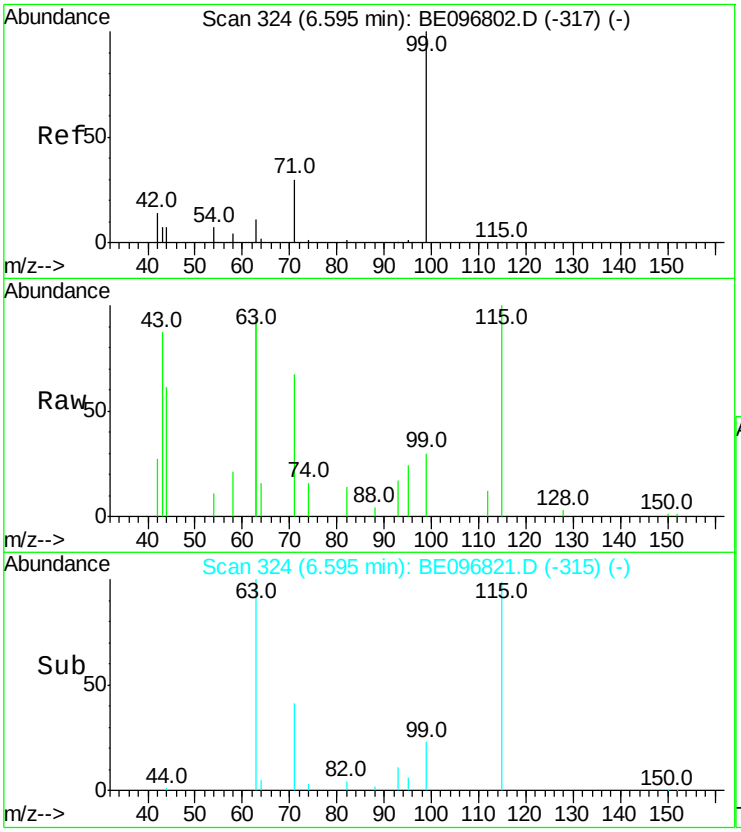


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:112 Resp: 3236

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





#5
Phenol-d6
Concen: 0.208 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion: 99 Resp: 2648

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	156.4	28.4	42.6#

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-061218

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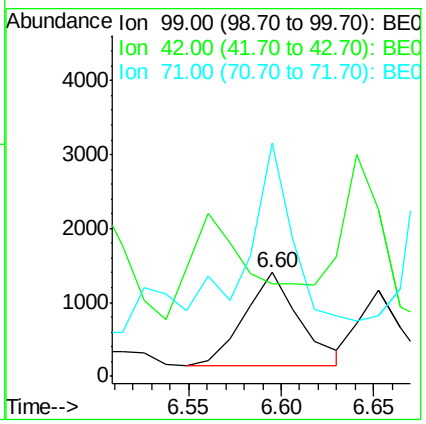
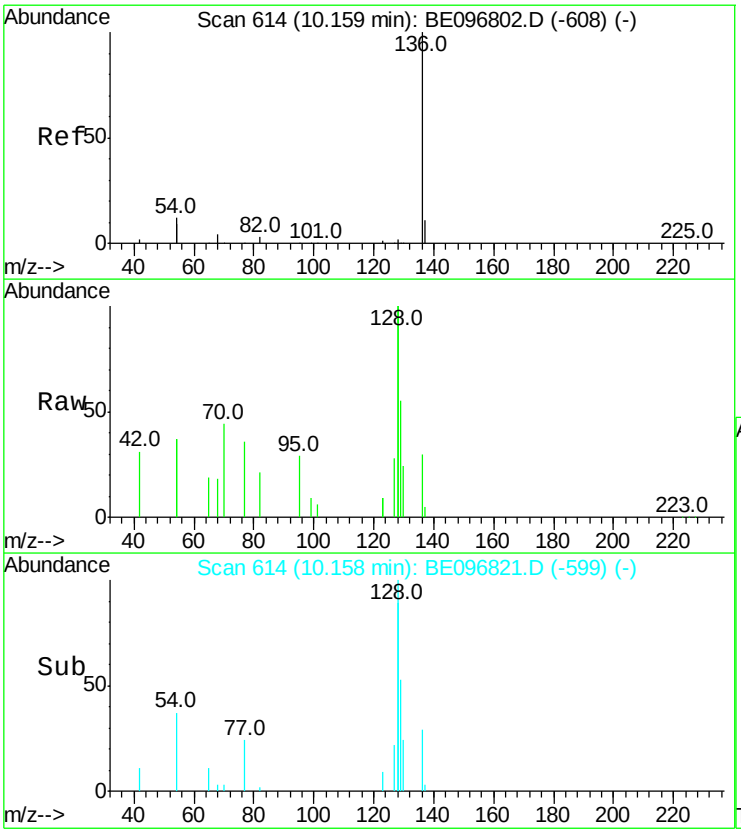
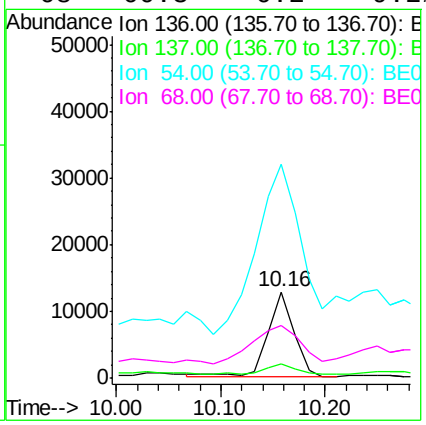


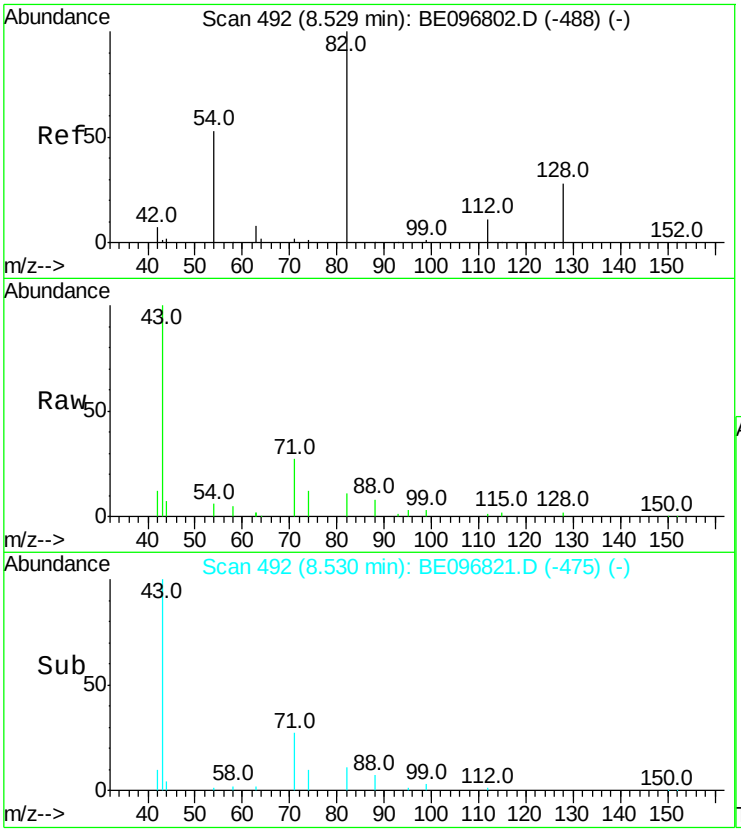


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:136 Resp: 22087

Ion	Ratio	Lower	Upper
136	100		
137	16.6	9.5	14.3#
54	247.3	29.1	43.7#
68	60.3	6.2	9.2#





#8
Nitrobenzene-d5
Concen: 1.576 ng m
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion: 82 Resp: 19365

Ion	Ratio	Lower	Upper
82	100		
128	14.1	24.0	36.0#
54	57.6	40.0	60.0

Instrument :
BNA_E
ClientSampleId :
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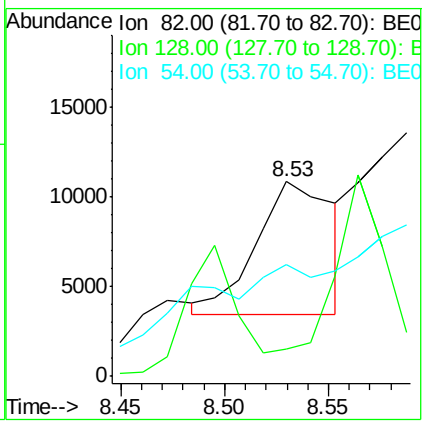
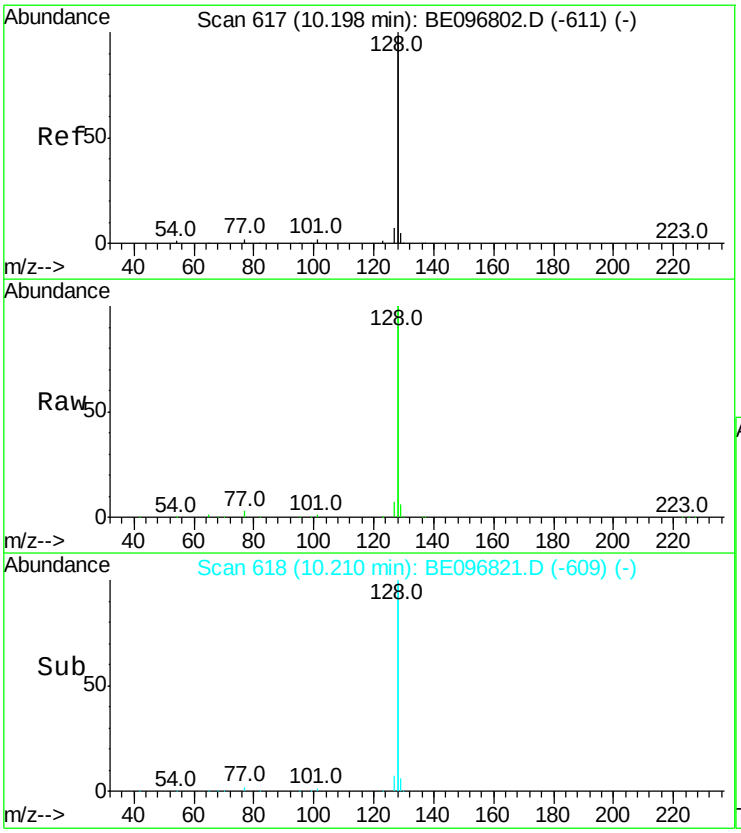
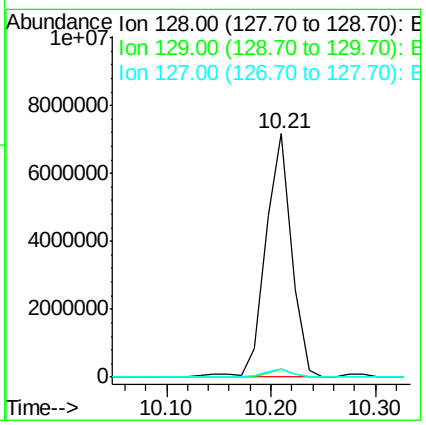


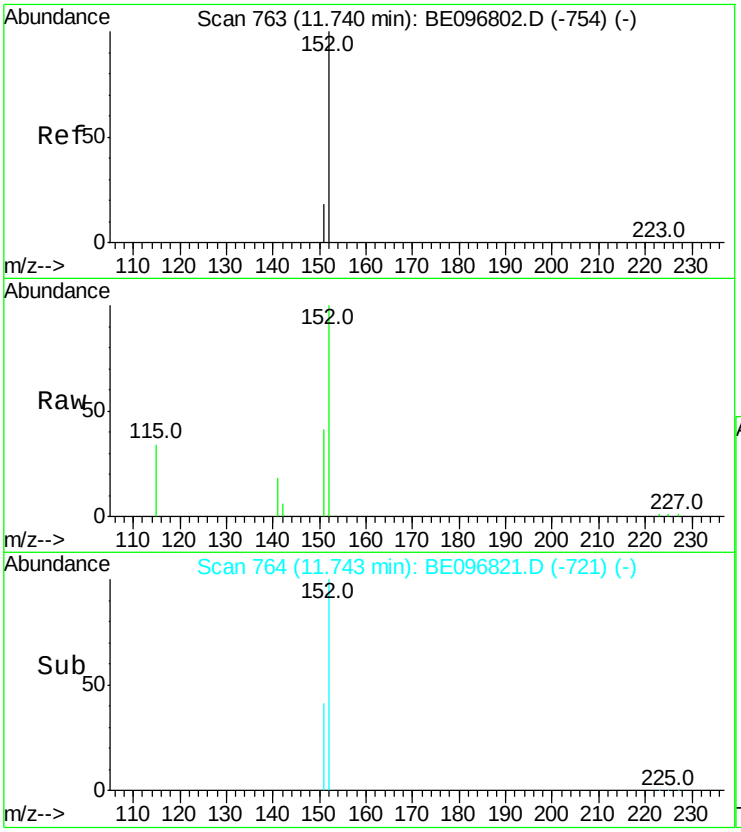


#9
Naphthalene
Concen: 56.031 ng
RT: 10.21 min Scan# 618
Delta R.T. 0.01 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:128 Resp:12159952

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.5	2.8	4.2

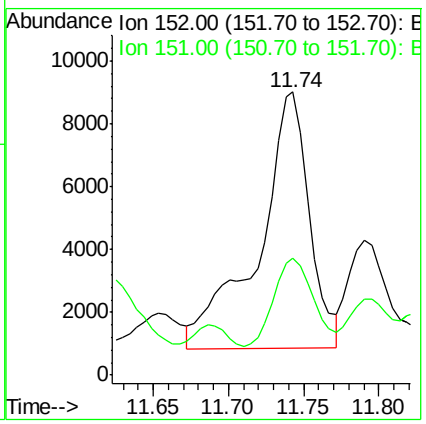




#11
2-Methylnaphthalene-d10
Concen: 0.538 ng
RT: 11.74 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:152 Resp: 18971

Ion	Ratio	Lower	Upper
152	100		
151	26.9	15.4	23.0#



Instrument :
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ClientSampleId :
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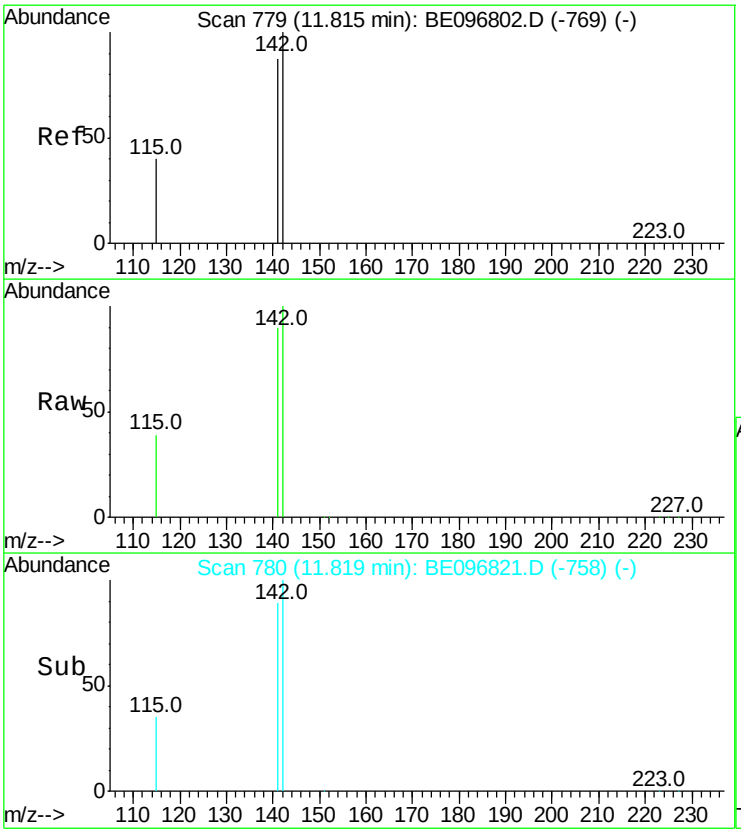
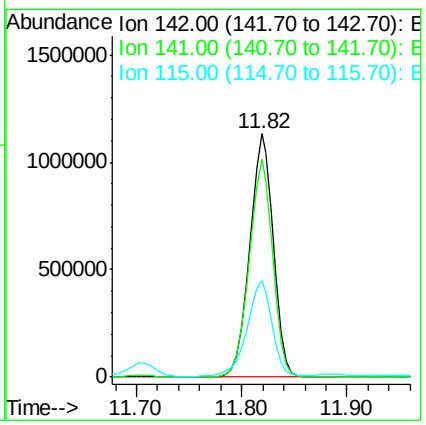
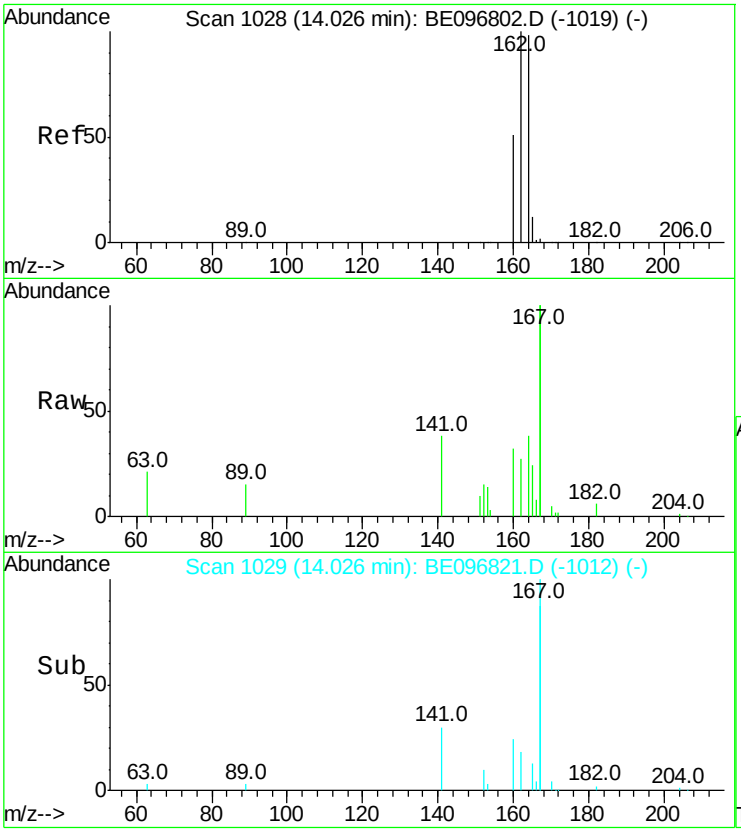


#12
2-Methylnaphthalene
Concen: 48.627 ng
RT: 11.82 min Scan# 780
Delta R.T. 0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:142 Resp: 1769675

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.4	105.6
115	39.5	31.7	47.5





#13
Acenaphthene-d10
Concen: 0.400 ng m
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:164 Resp: 10437

Ion	Ratio	Lower	Upper
164	100		
162	70.8	83.1	124.7#
160	82.9	37.1	55.7#

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-061218

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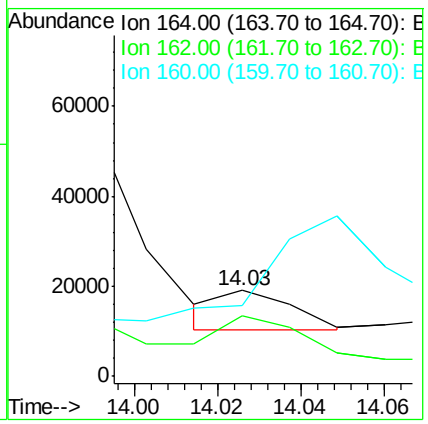
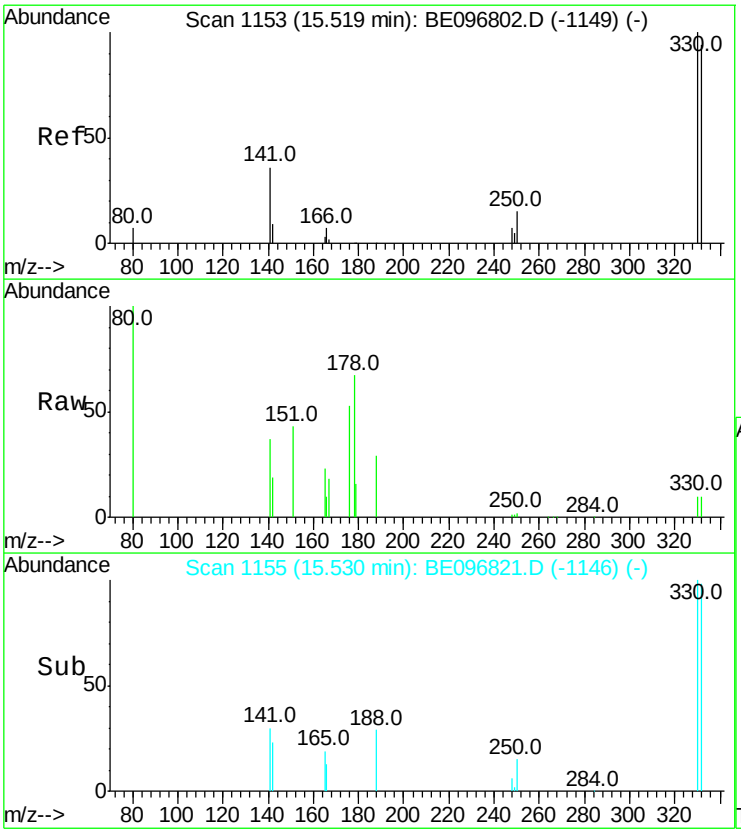
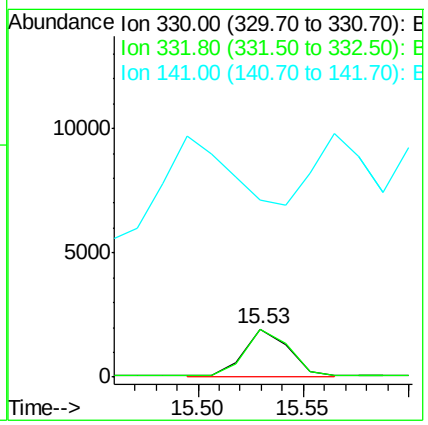


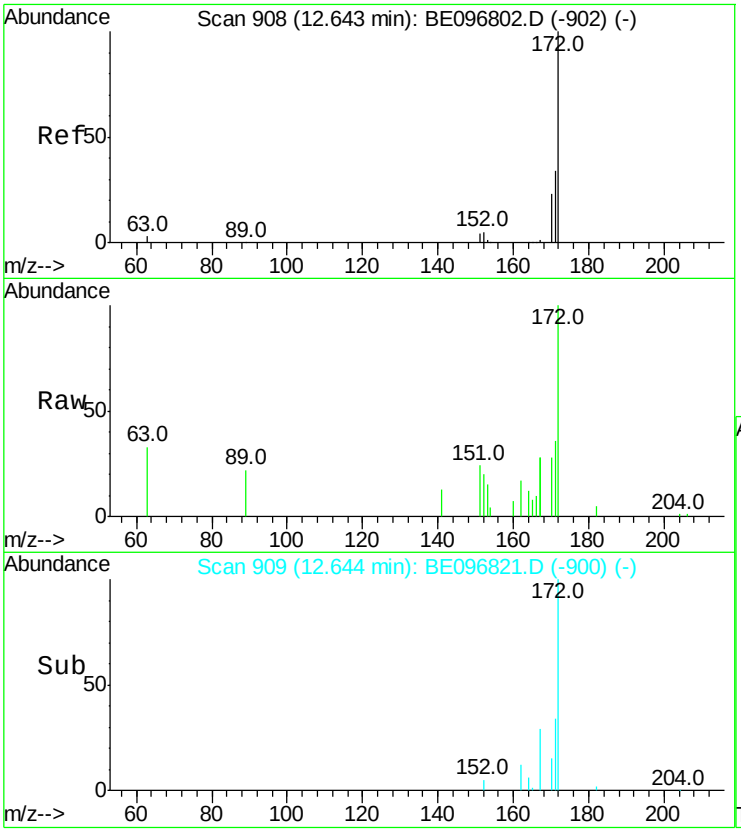


#14
2,4,6-Tribromophenol
Concen: 1.109 ng m
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:330 Resp: 2848

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	0.0	33.7	50.5#

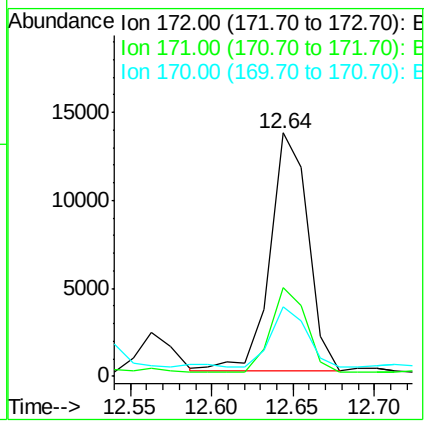




#15
2-Fluorobiphenyl
Concen: 0.513 ng m
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:172 Resp: 22035

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	28.3	21.8	32.8



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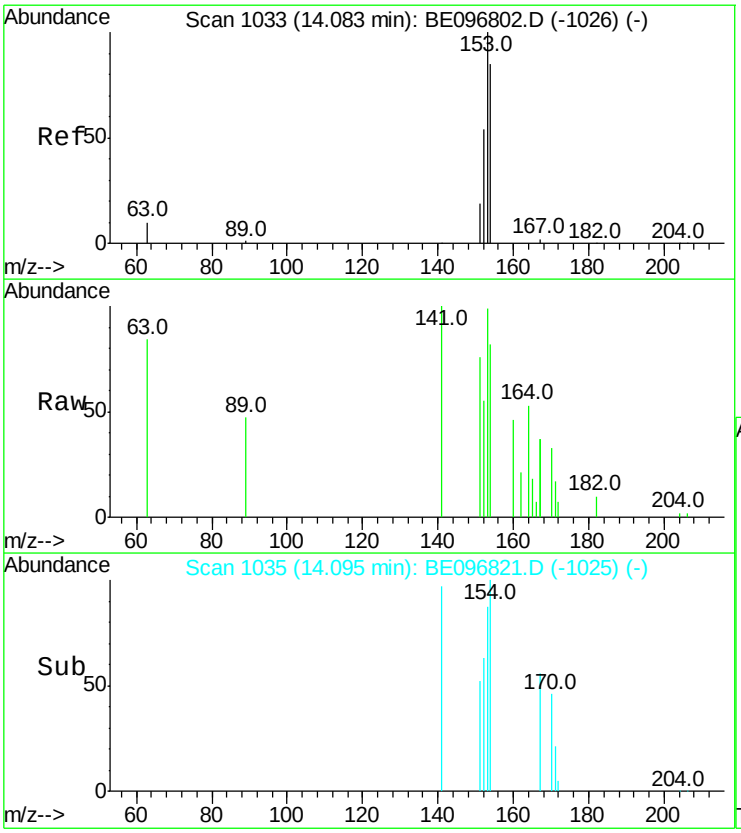
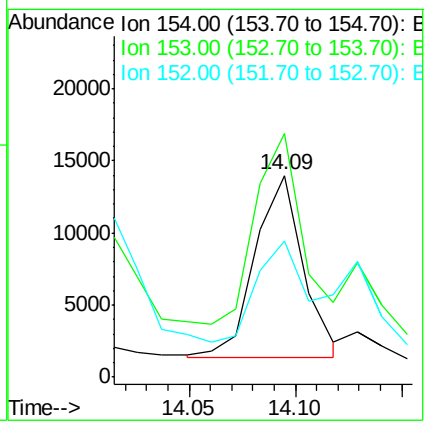
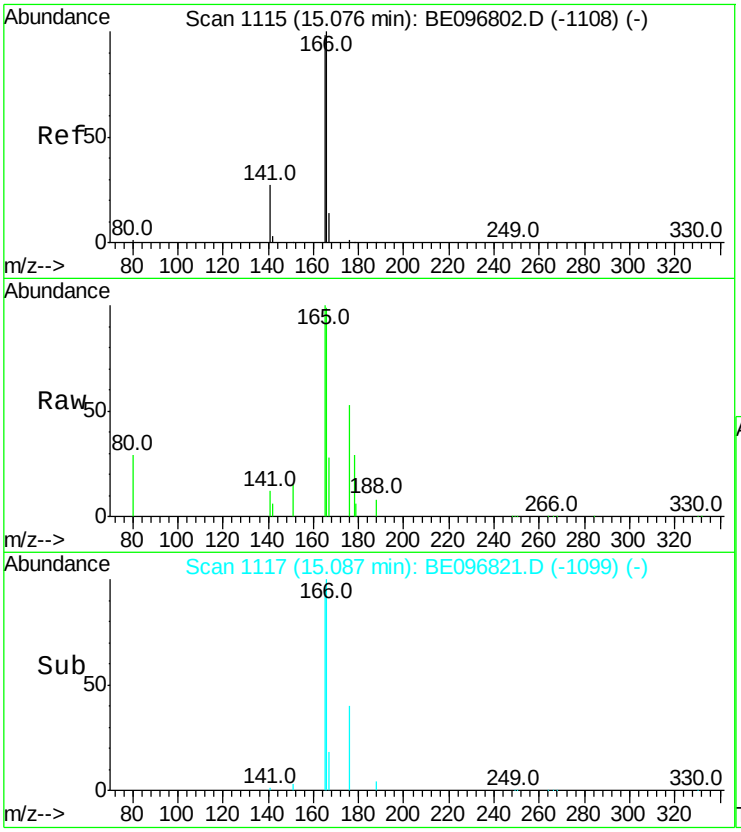


#17
Acenaphthene
Concen: 0.599 ng m
RT: 14.09 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:154 Resp: 19810

Ion	Ratio	Lower	Upper
154	100		
153	96.0	89.2	133.8
152	53.2	42.0	63.0





#18
Fluorene
Concen: 1.684 ng m
RT: 15.09 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:166 Resp: 65904

Ion	Ratio	Lower	Upper
166	100		
165	22.3	77.8	116.6#
167	10.6	42.4	63.6#

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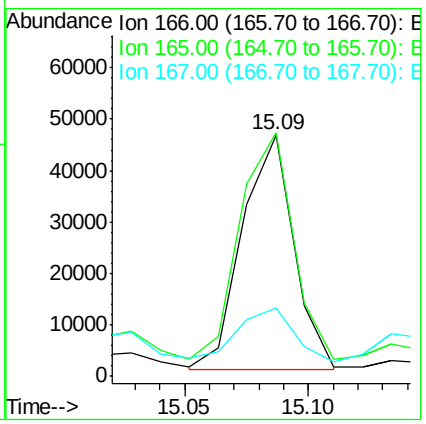
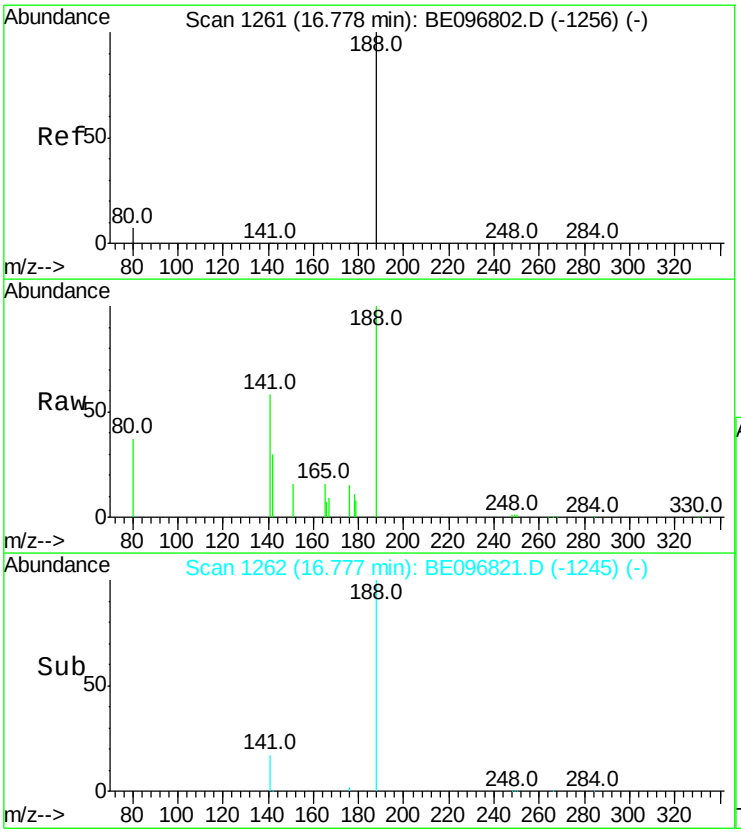
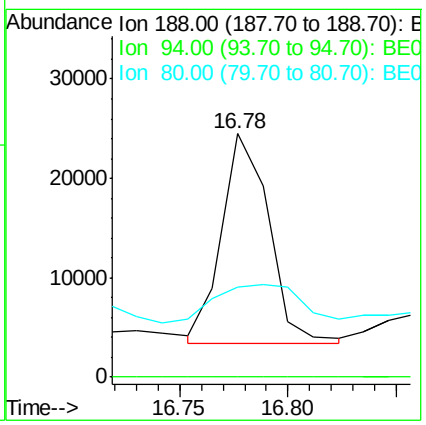


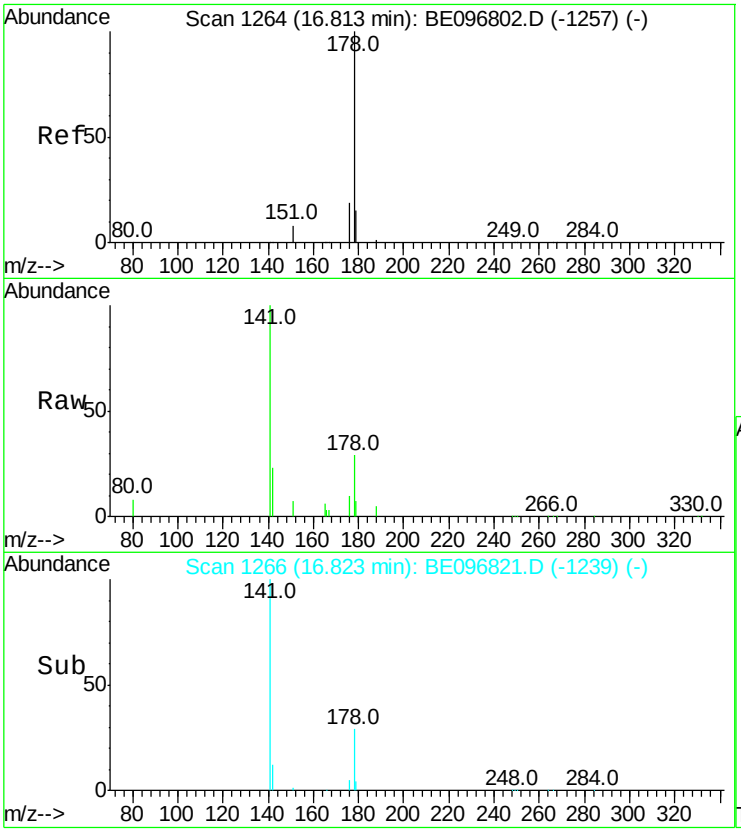


#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 16.78 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:188 Resp: 32152

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	36.8	3.6	5.4#





#23
Phenanthrene
Concen: 0.321 ng
RT: 16.82 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:178 Resp: 28055

Ion	Ratio	Lower	Upper
178	100		
176	39.5	15.1	22.7#
179	19.6	11.8	17.6#

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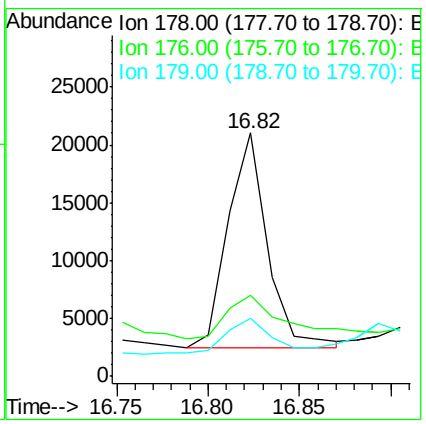
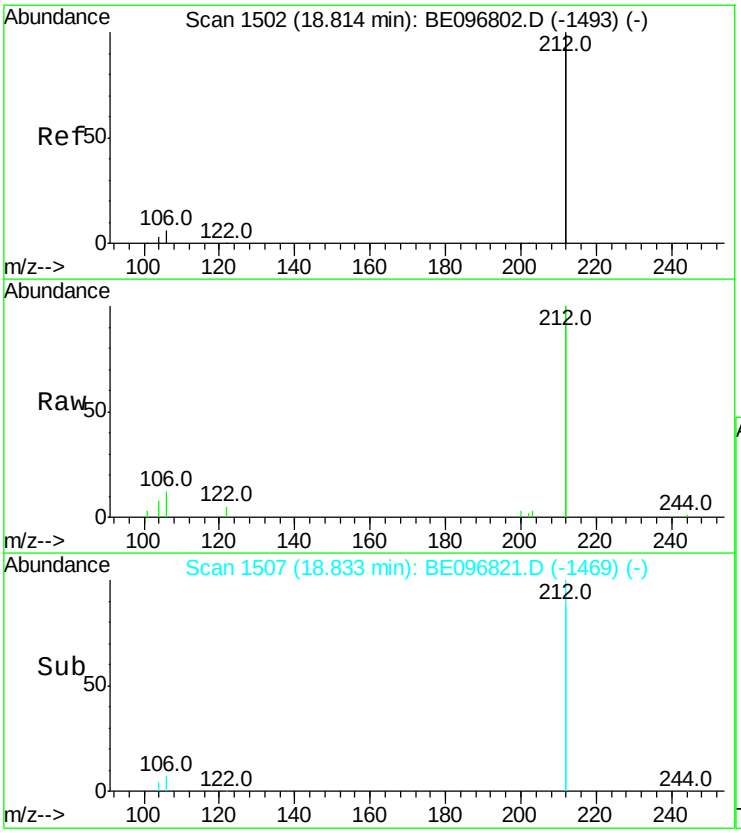
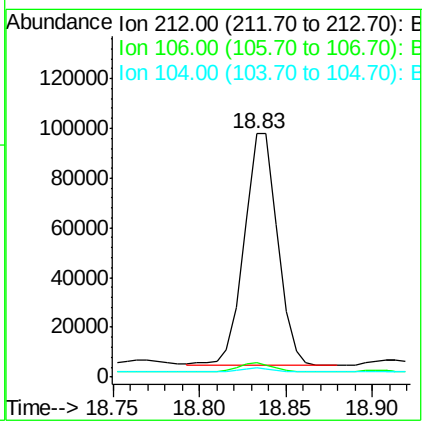


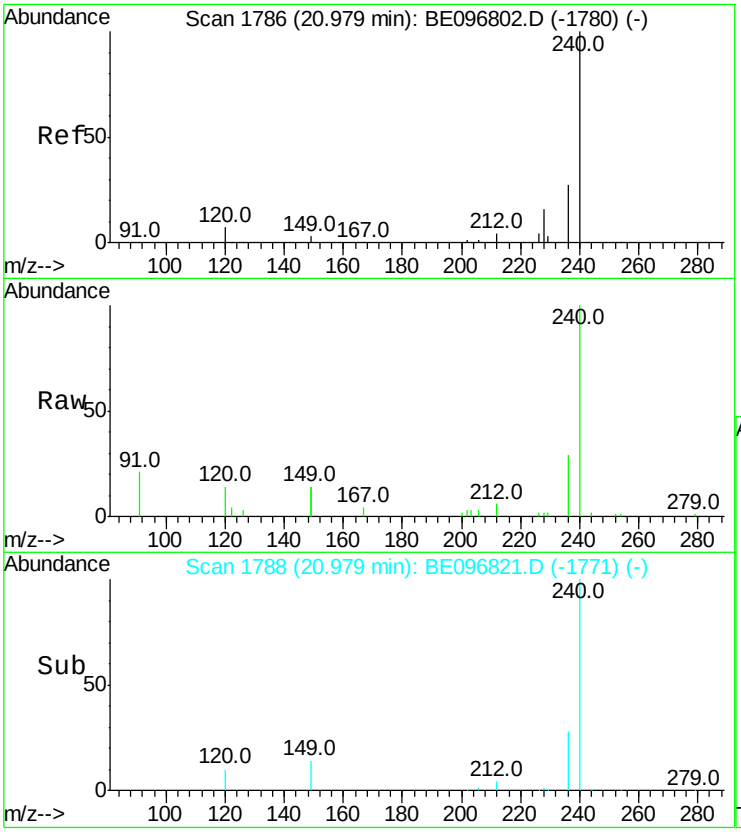


#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.02 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:212 Resp: 125029

Ion	Ratio	Lower	Upper
212	100		
106	4.3	2.8	4.2#
104	2.4	1.6	2.4#





#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:240 Resp: 30791

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.5	8.3#
236	29.5	20.7	31.1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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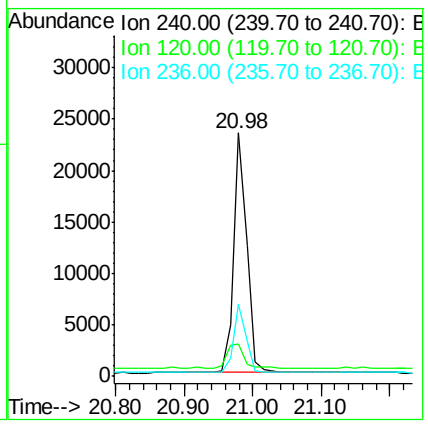
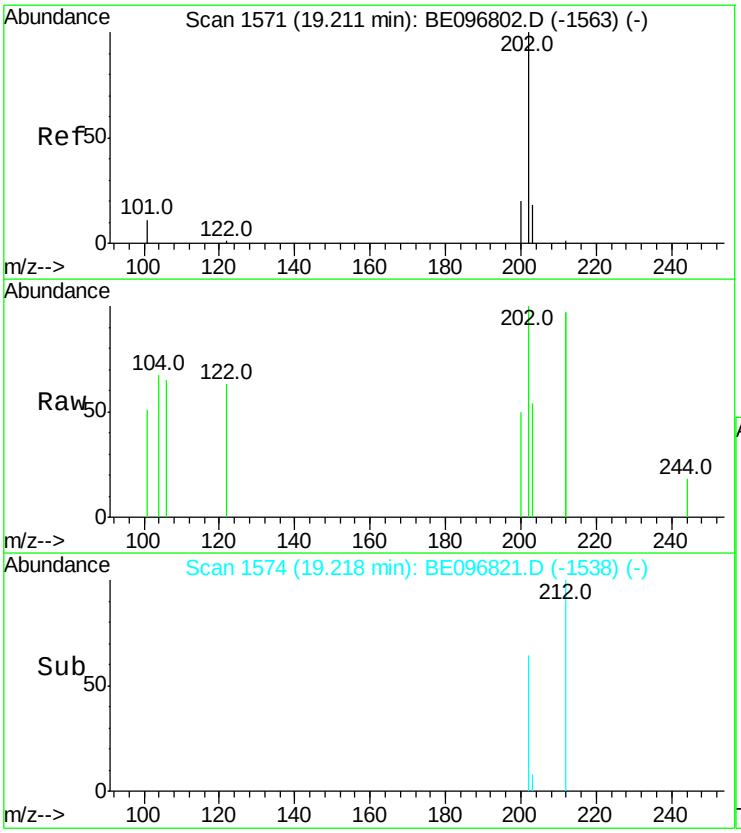
6/19/2018 5:57:31 PM

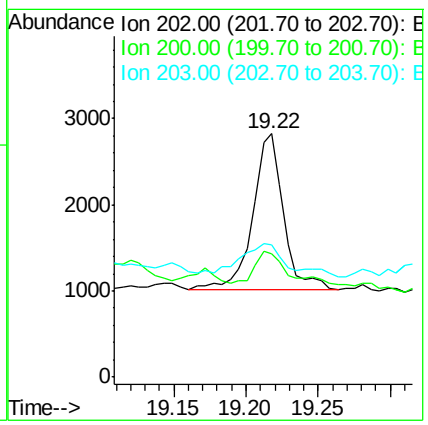


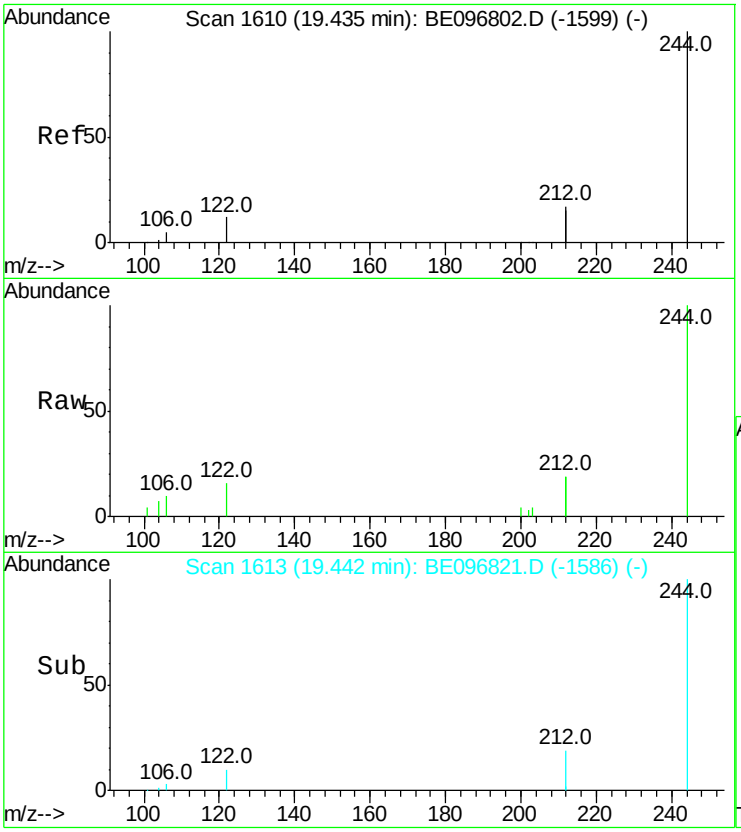


#28
Pyrene
Concen: 0.027 ng
RT: 19.22 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:202 Resp: 2700

Ion	Ratio	Lower	Upper
202	100		
200	23.9	16.6	25.0
203	21.9	13.8	20.8#





#29
Terphenyl-d14
Concen: 0.524 ng
RT: 19.44 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:244 Resp: 36558

Ion	Ratio	Lower	Upper
244	100		
212	38.0	25.4	38.0
122	16.2	8.1	12.1#

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-061218

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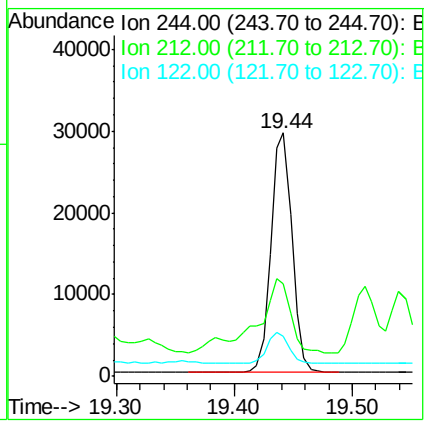
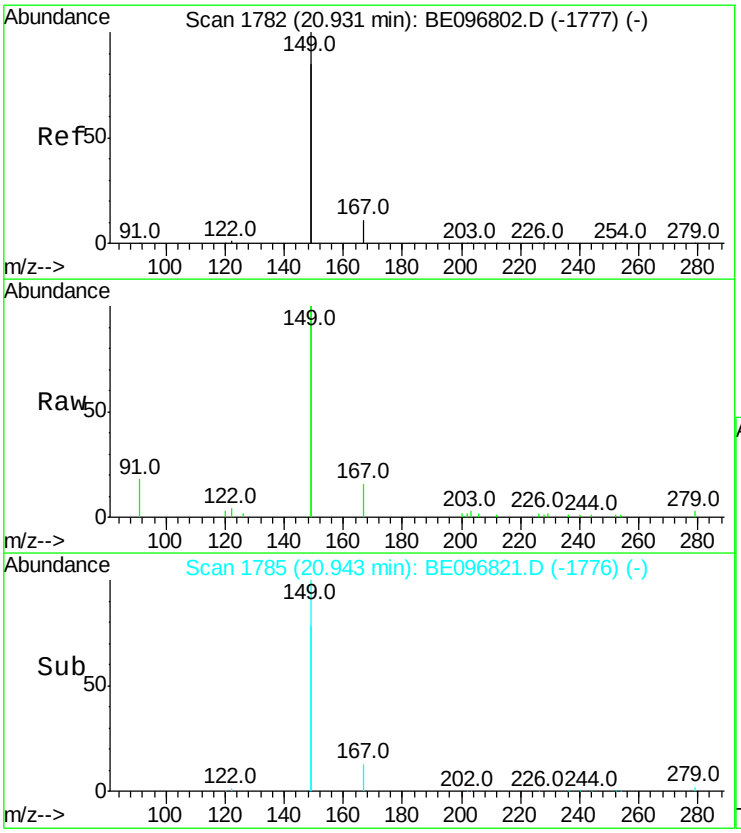
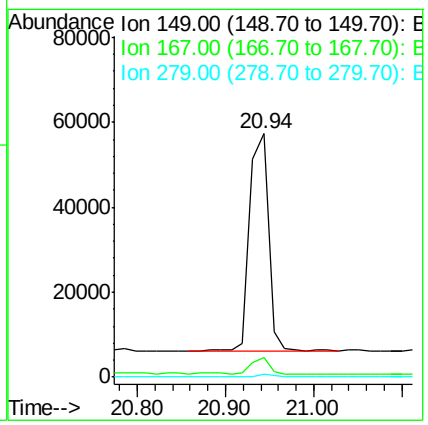


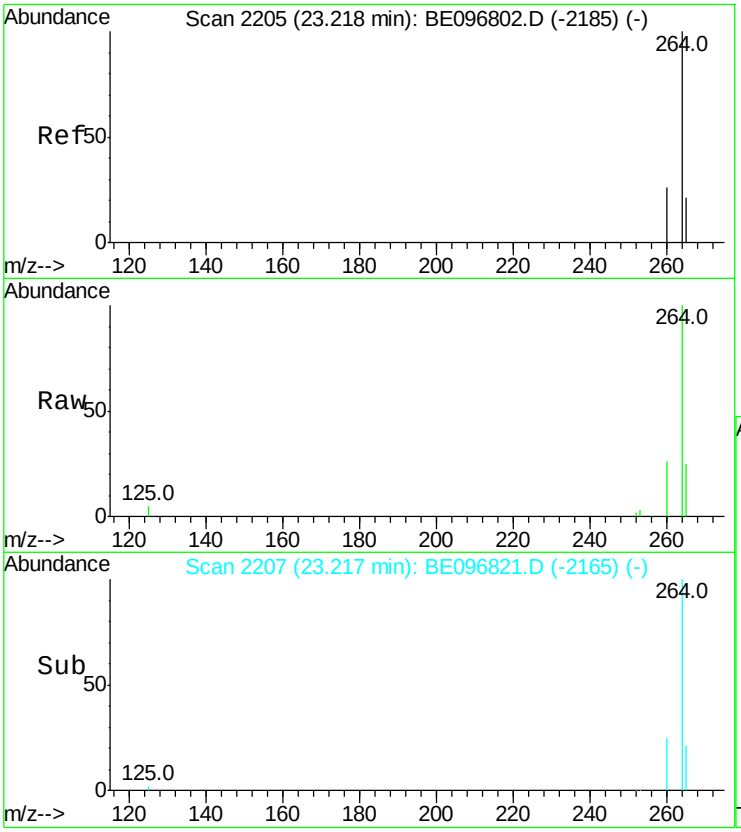


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.361 ng
RT: 20.94 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:149 Resp: 76318

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1

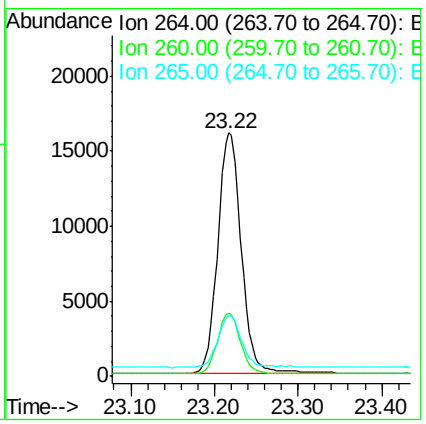




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE096821.D
Acq: 18 Jun 2018 22:56

Tgt Ion:264 Resp: 31535

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	24.8	22.8	34.2



Instrument :
BNA_E
ClientSampleId :
PR-MW-01-061218

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