Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
Data File : BM016319.D
Acq On : 13 Aug 2018 10:57
Operator : SJ/JU
Sample : J4272-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JC-03-080918-C

Quant Time: Aug 14 03:50:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28179	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	94176	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	43206	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	83623	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	95881	20.00	ng	-0.02
86) Perylene-d12	23.96	264	109359	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	239274	141.05	ng	0.00
7) Phenol-d6	7.30	99	234741	105.96	ng	0.00
23) Nitrobenzene-d5	9.31	82	242673	119.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	77130	140.75	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	427351	120.35	ng	-0.01
78) Terphenyl-d14	20.07	244	594938	129.89	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	8.44	79	5391	3.056	ng	# 26
76) Benzidine	19.72	184	13916	5.194	ng	98

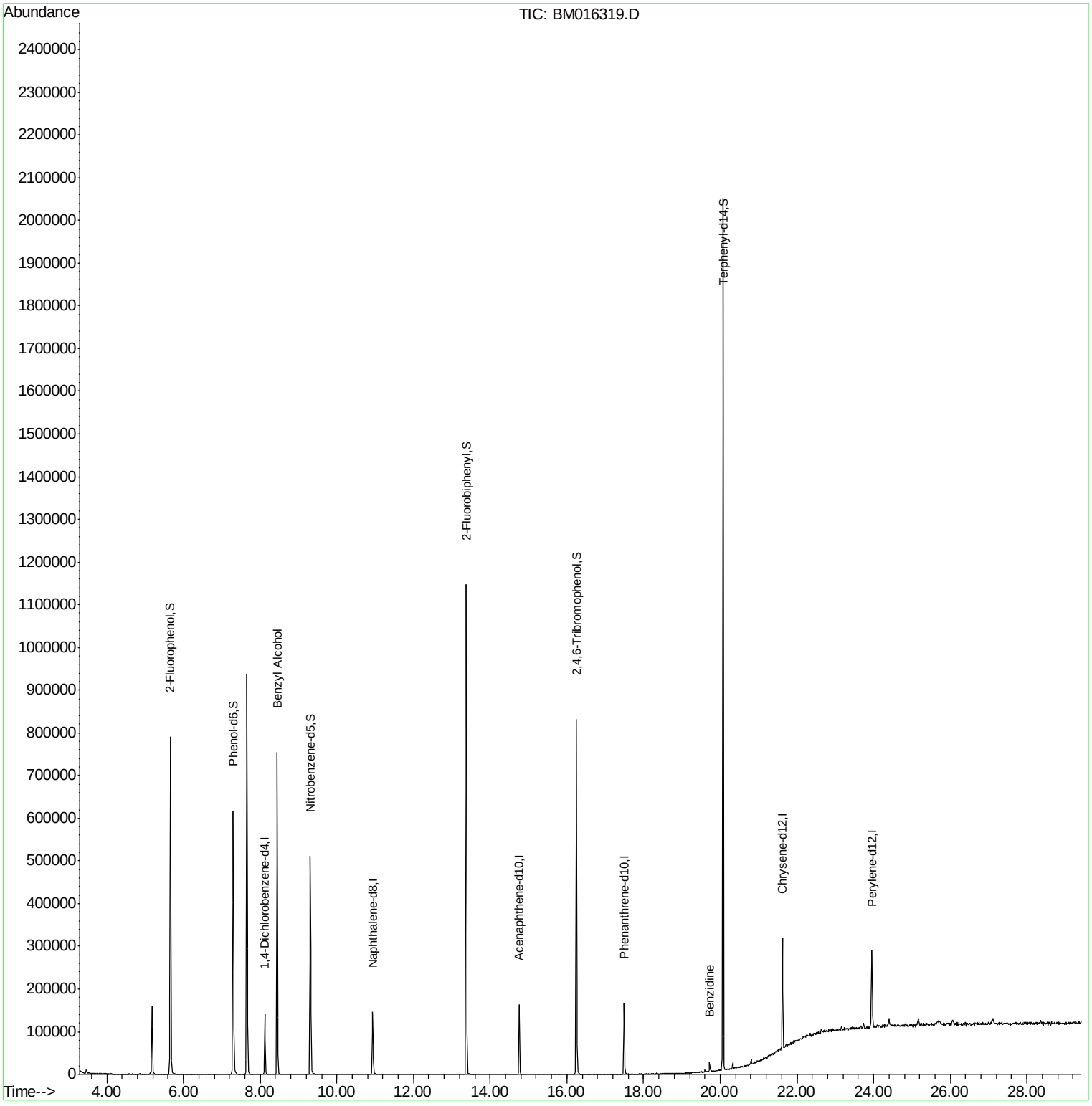
(#) = qualifier out of range (m) = manual integration (+) = signals summed

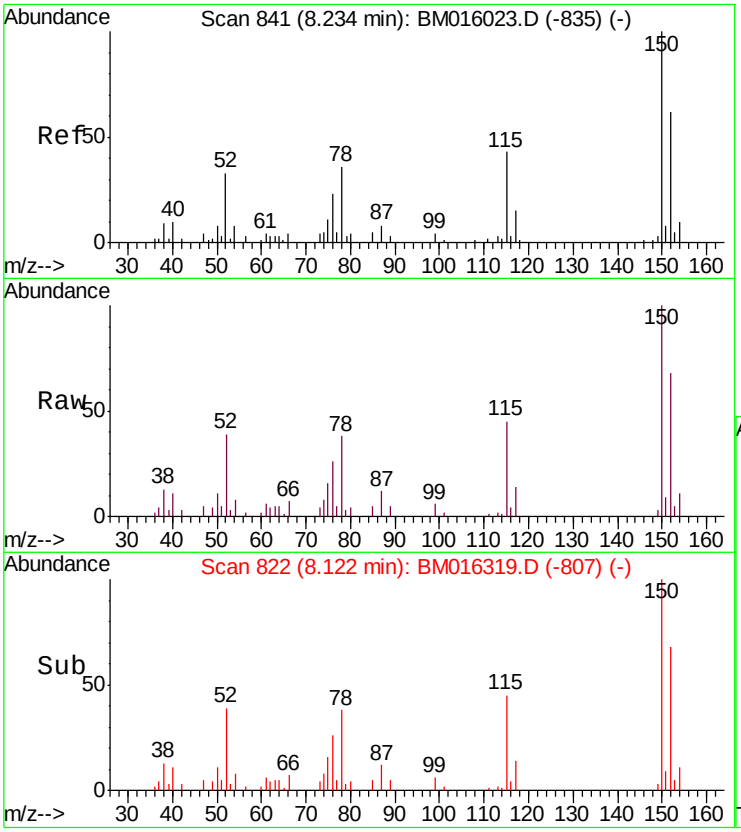
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
Data File : BM016319.D
Acq On : 13 Aug 2018 10:57
Operator : SJ/JU
Sample : J4272-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-C

Quant Time: Aug 14 03:50:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration



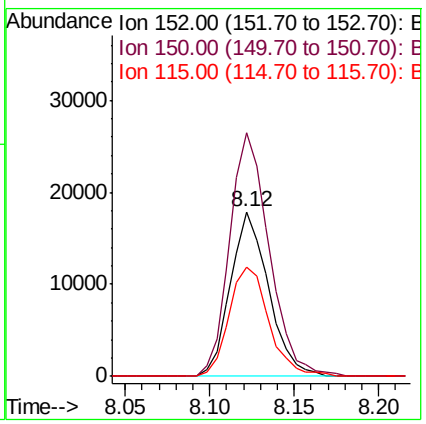


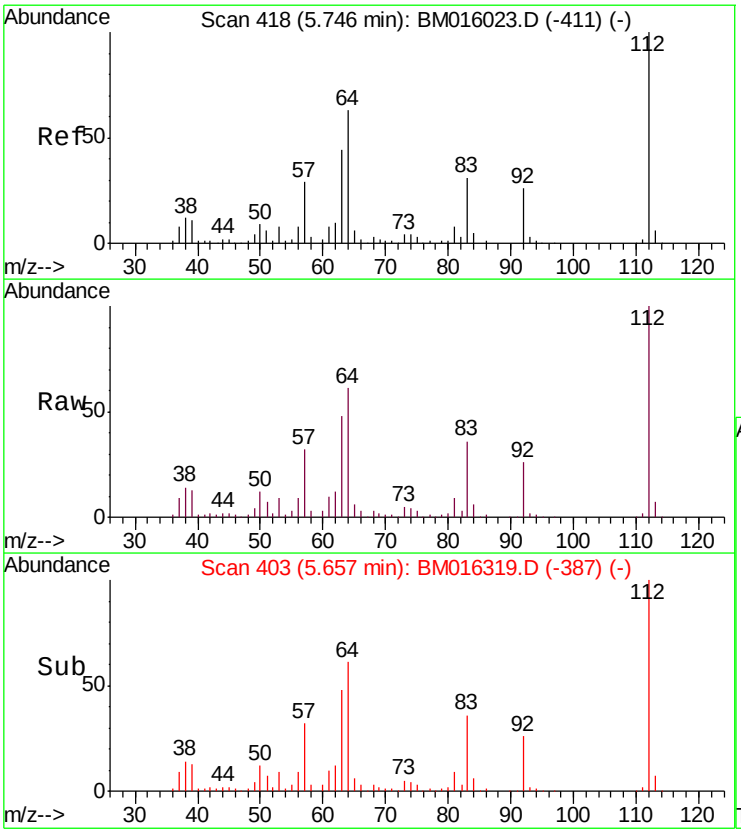
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-C

Tgt Ion:152 Resp: 28179

Ion	Ratio	Lower	Upper
152	100		
150	148.1	119.5	179.3
115	66.3	43.0	64.4#

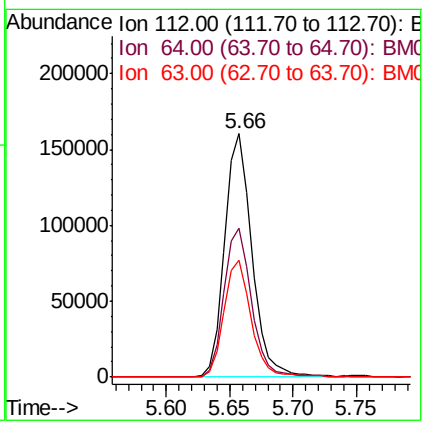


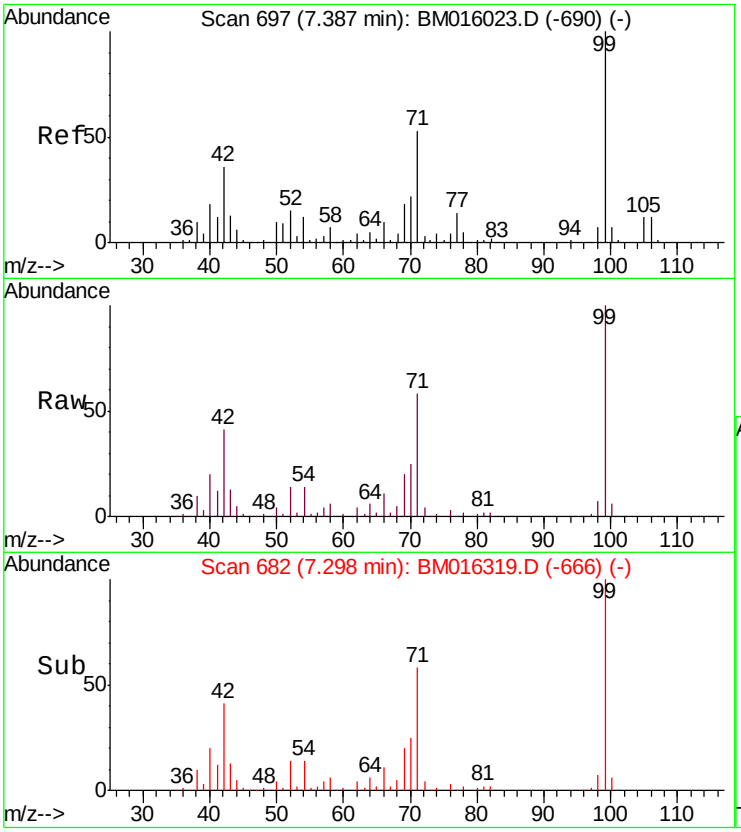


#5
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Tgt Ion:112 Resp: 239274

Ion	Ratio	Lower	Upper
112	100		
64	61.2	38.6	57.8#
63	48.1	19.3	28.9#



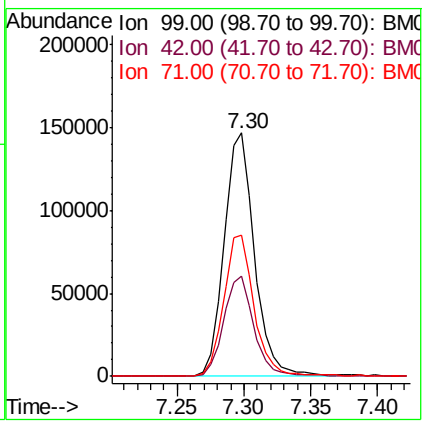


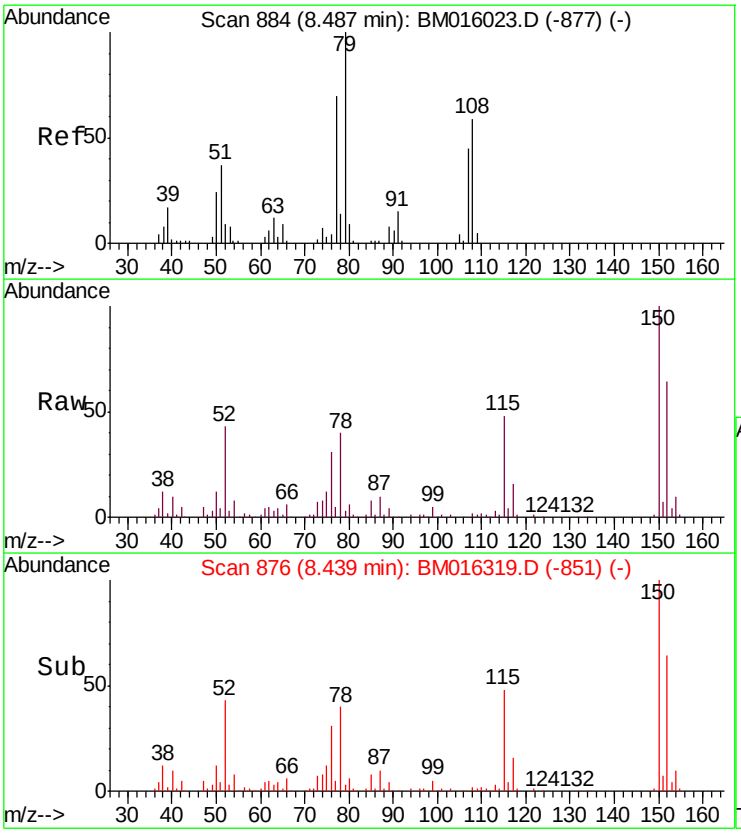
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-C

Tgt Ion: 99 Resp: 234741

Ion	Ratio	Lower	Upper
99	100		
42	41.2	11.0	16.4#
71	58.2	23.4	35.2#

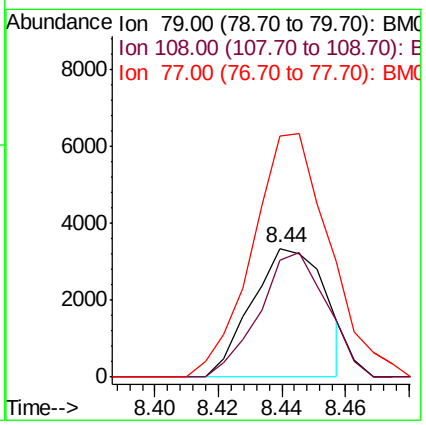


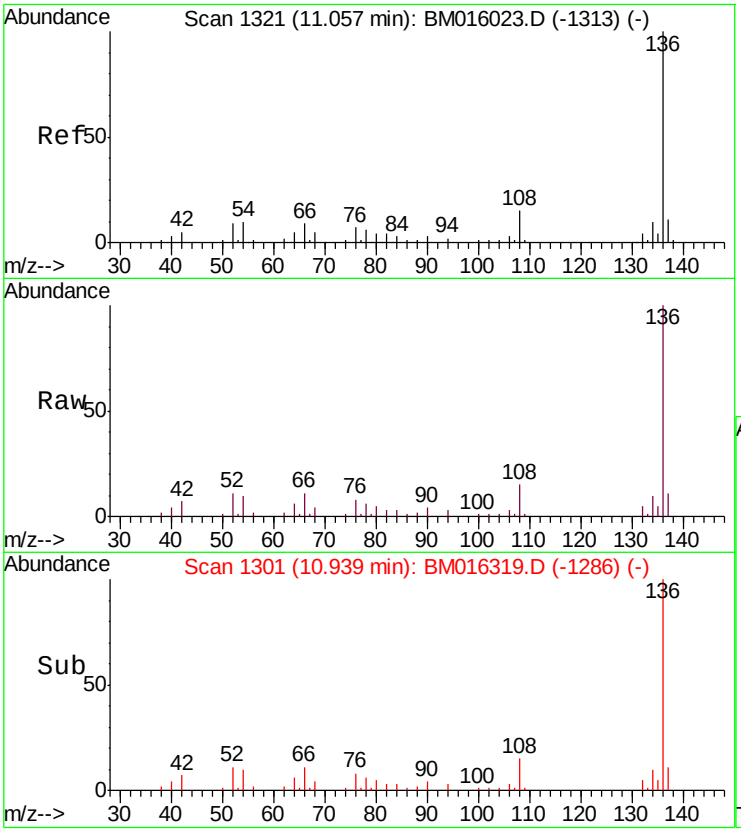


#15
Benzyl Alcohol
Concen: 3.056 ng
RT: 8.44 min Scan# 876
Delta R.T. 0.05 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Tgt Ion: 79 Resp: 5391

Ion	Ratio	Lower	Upper
79	100		
108	90.6	65.0	97.4
77	187.2	53.0	79.6#



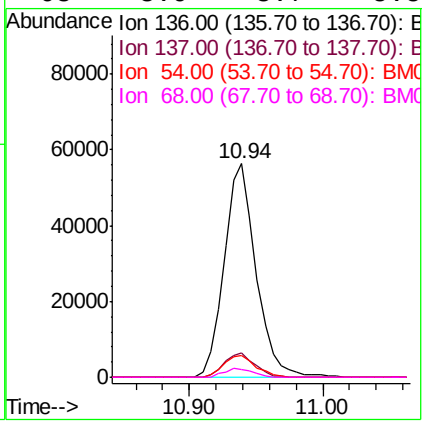


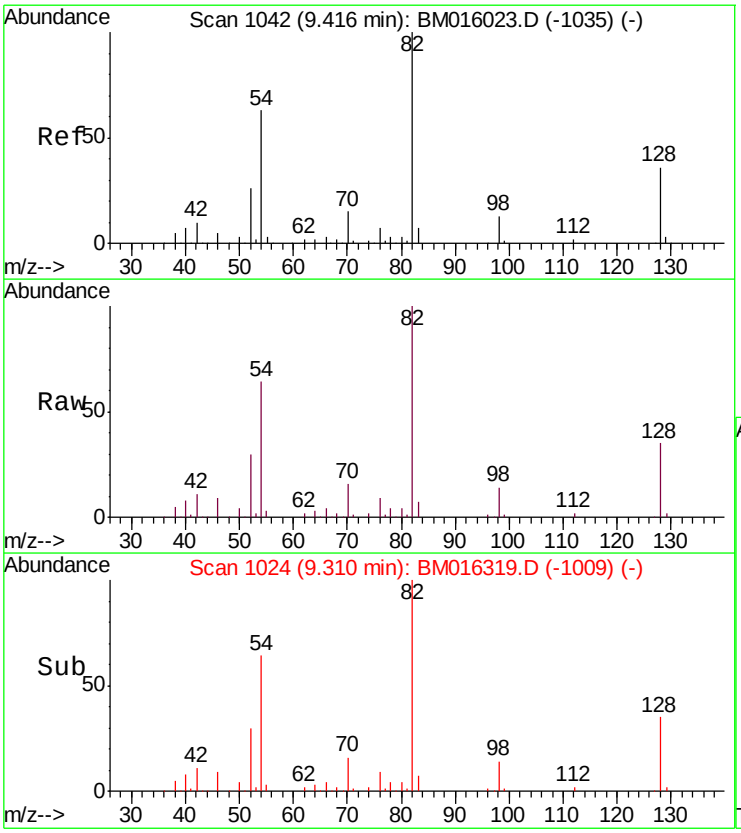
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-C

Tgt Ion:136 Resp: 94176

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.0	4.6	6.8#
68	3.9	3.7	5.5

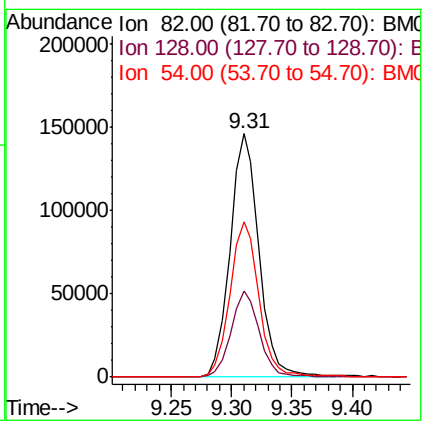


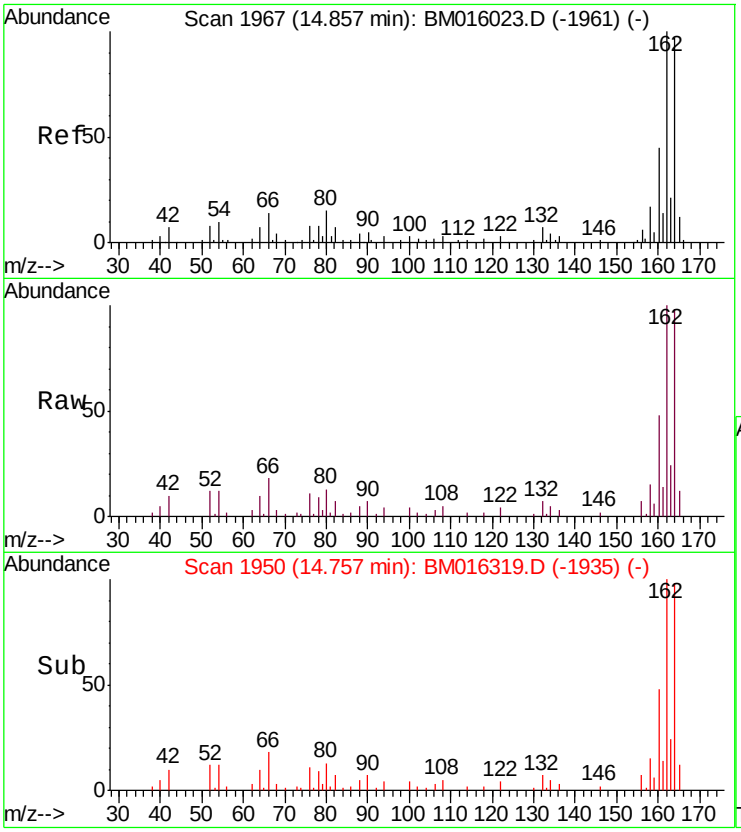


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Tgt Ion: 82 Resp: 242673

Ion	Ratio	Lower	Upper
82	100		
128	35.2	32.8	49.2
54	64.0	40.6	60.8#



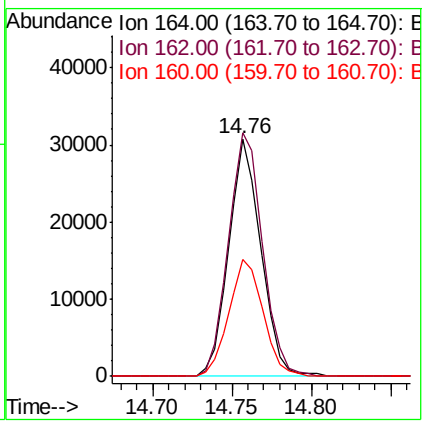


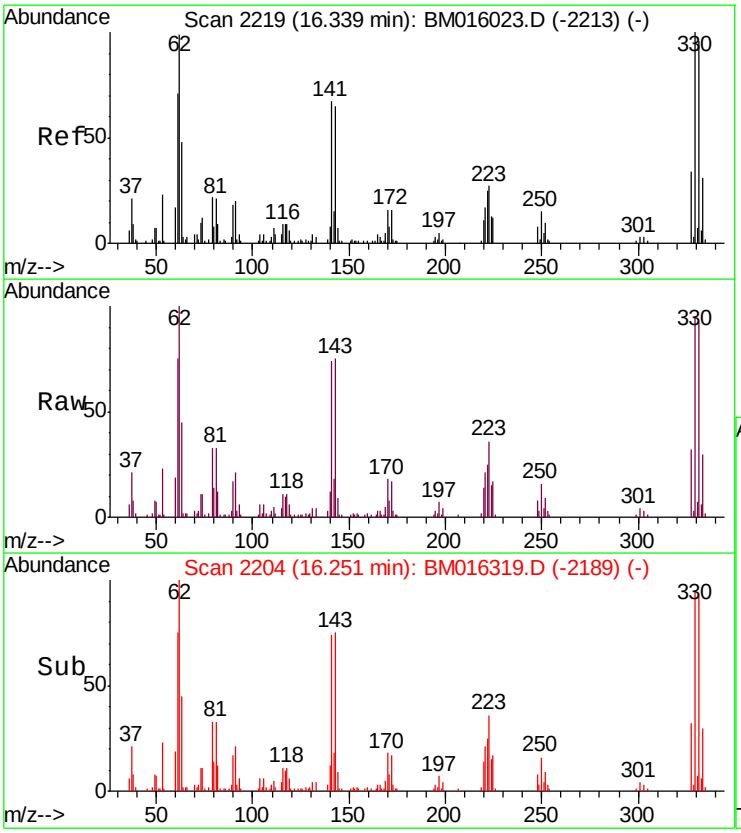
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-C

Tgt Ion:164 Resp: 43206

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.4	123.6
160	49.2	35.8	53.6

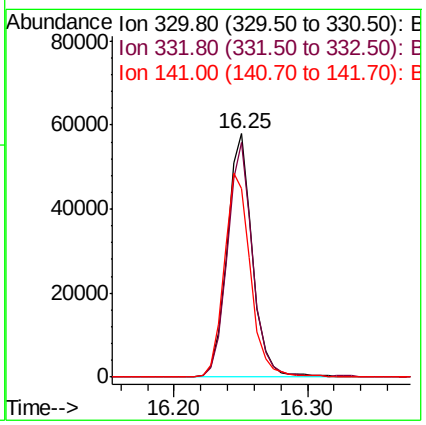


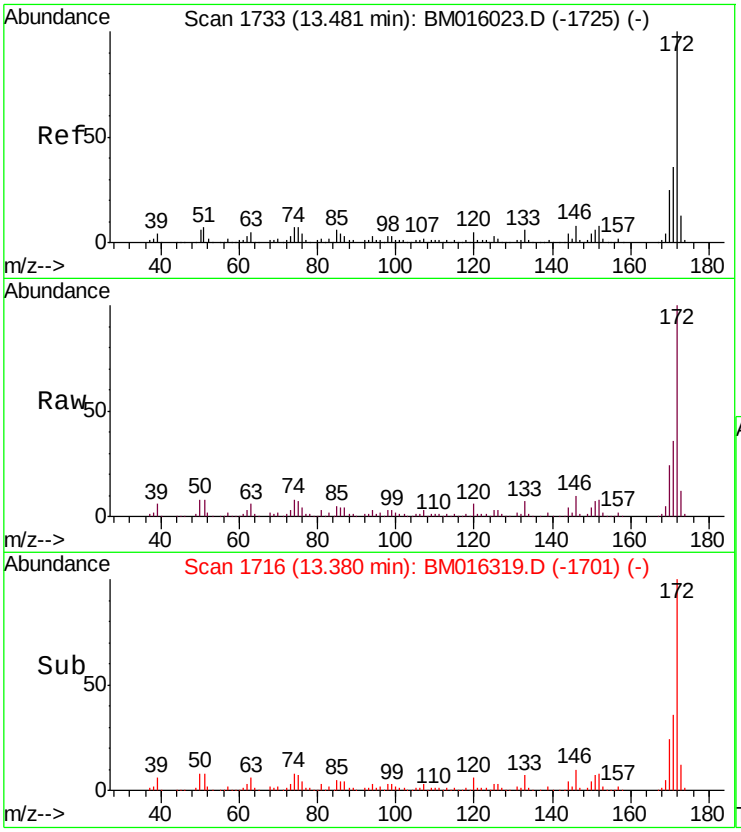


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.25 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Tgt Ion:330 Resp: 77130

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	87.0	0.0	0.0#



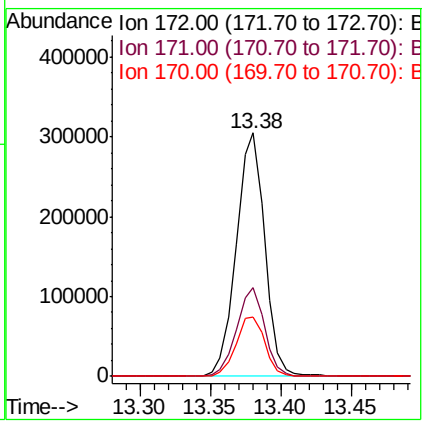


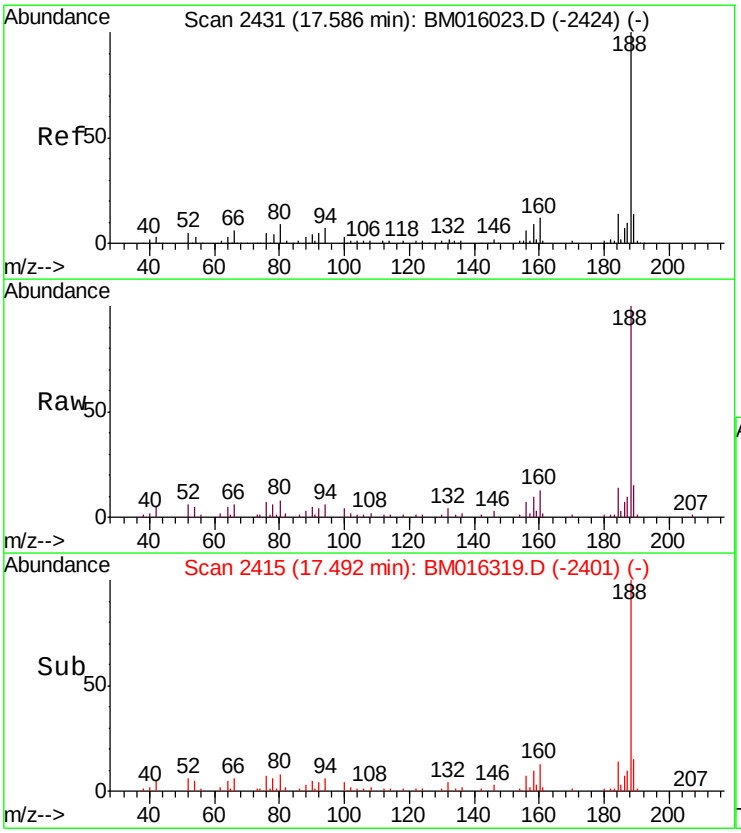
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.38 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-C

Tgt Ion:172 Resp: 427351

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	24.3	18.8	28.2

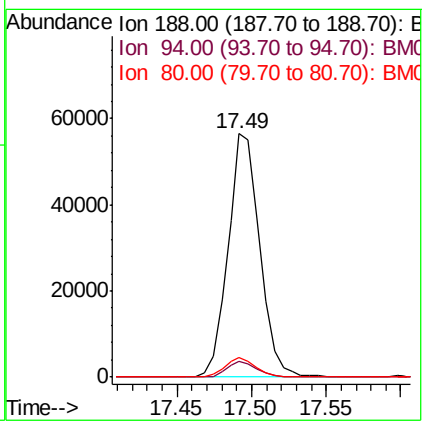


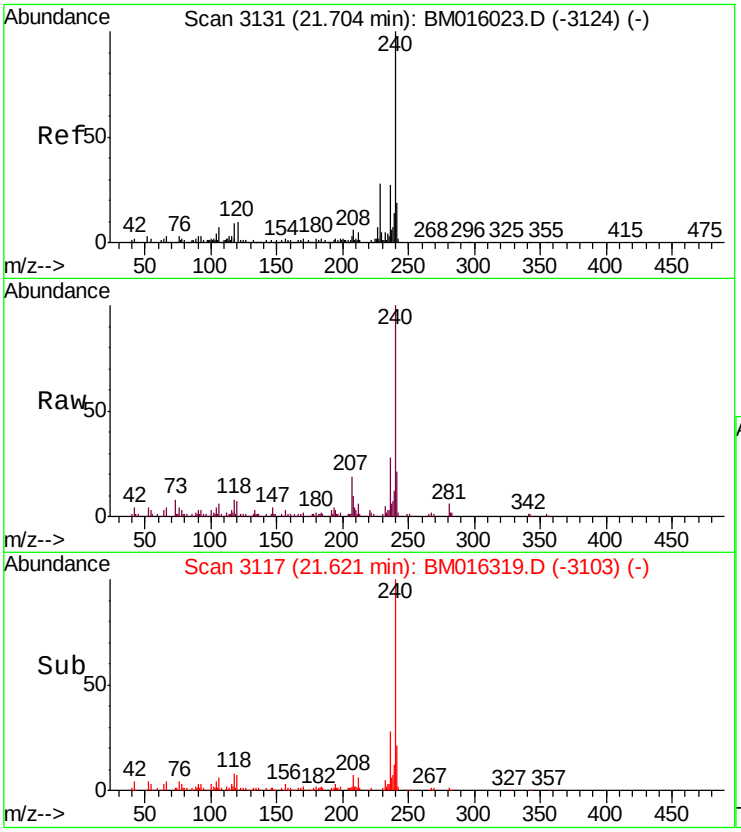


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Tgt Ion:188 Resp: 83623

Ion	Ratio	Lower	Upper
188	100		
94	6.3	8.7	13.1#
80	7.9	9.3	13.9#



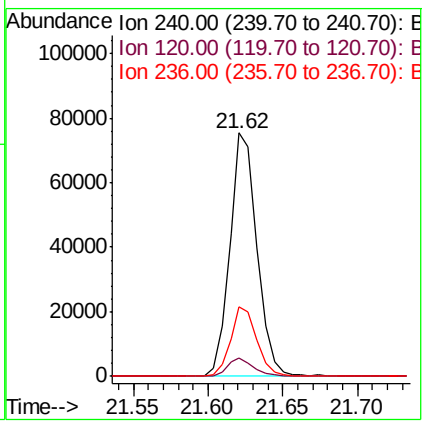


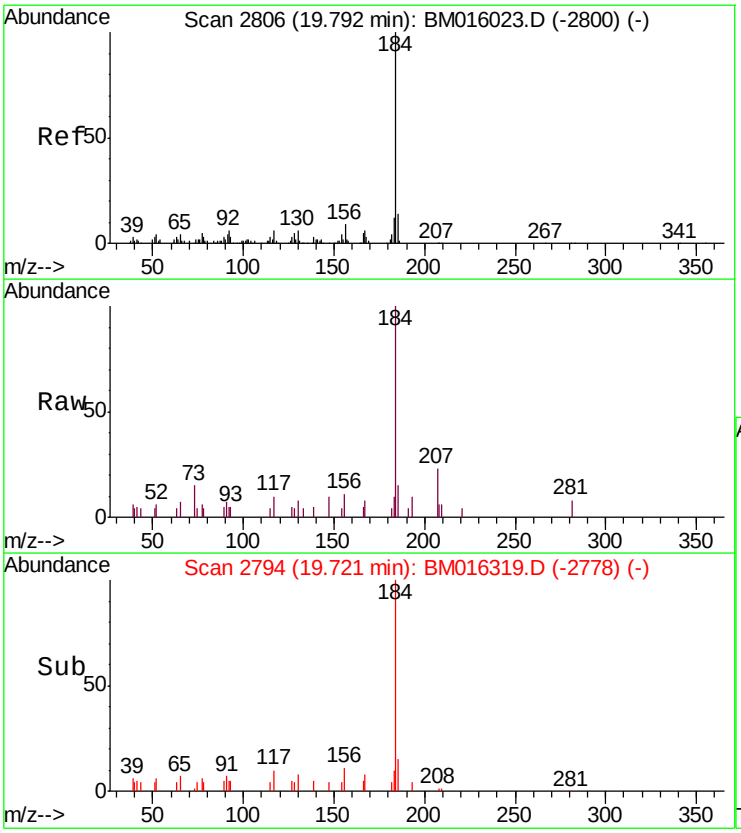
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-C

Tgt Ion:240 Resp: 95881

Ion	Ratio	Lower	Upper
240	100		
120	7.4	8.2	12.2#
236	28.4	20.0	30.0

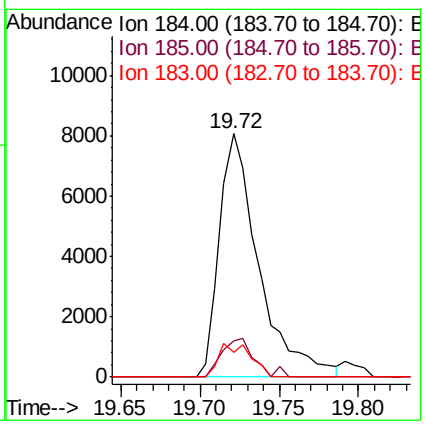


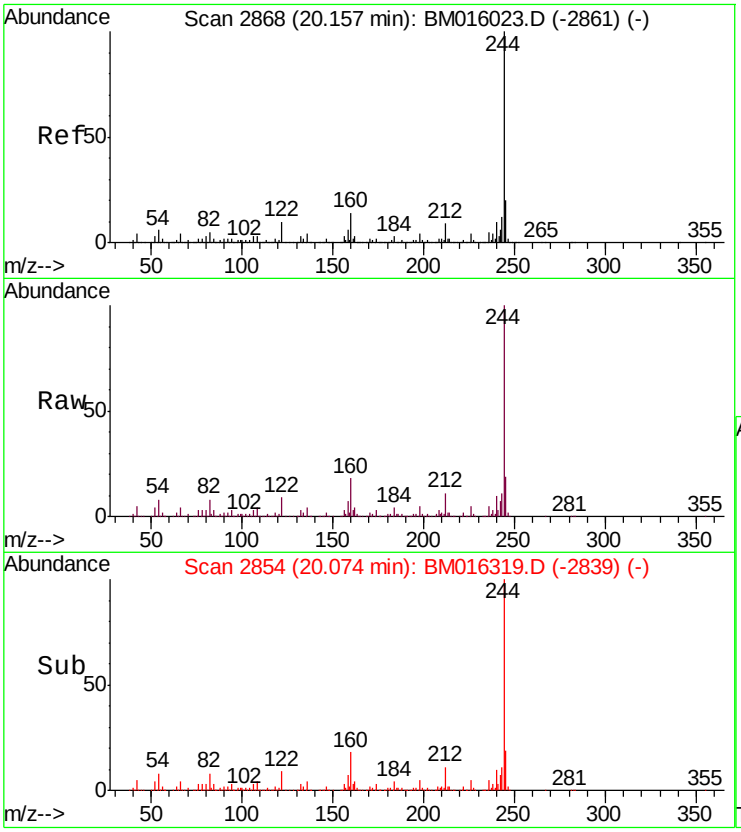


#76
Benzidine
Concen: 5.194 ng
RT: 19.72 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Tgt Ion:184 Resp: 13916

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.3	16.9
183	10.0	8.9	13.3



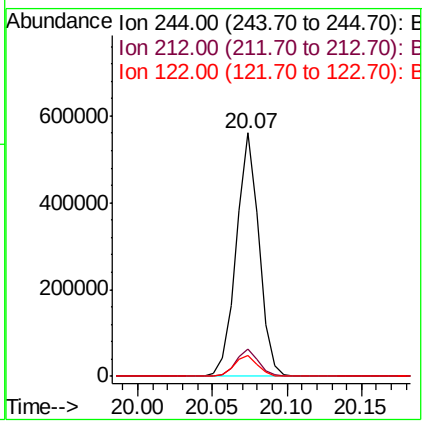


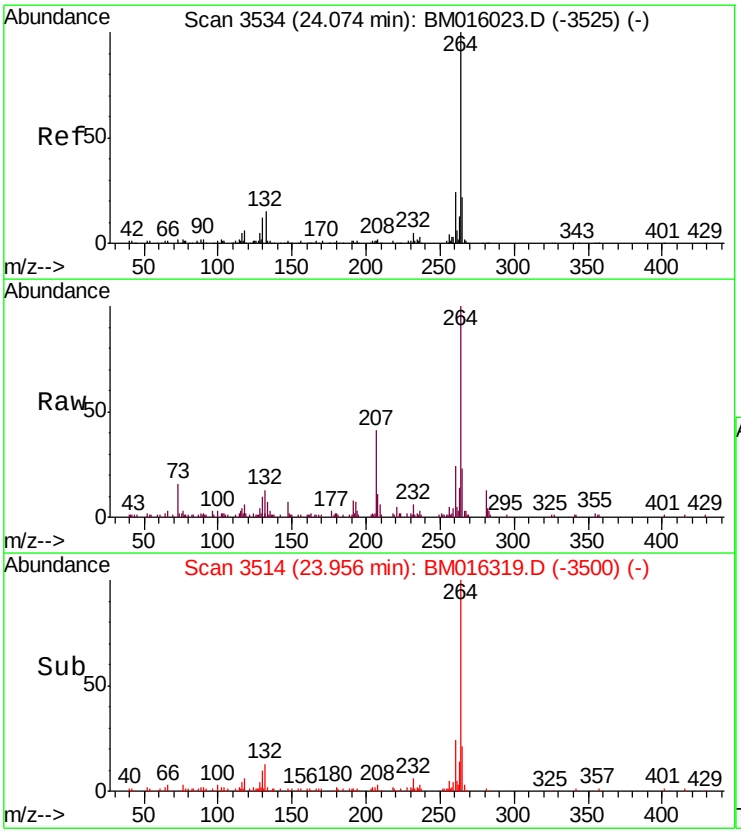
#78
Terphenyl-d14
Concen: Below ng
RT: 20.07 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-C

Tgt Ion:244 Resp: 594938

Ion	Ratio	Lower	Upper
244	100		
212	11.1	4.9	7.3#
122	8.7	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.96 min Scan# 3514
Delta R.T. -0.02 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Tgt Ion:264 Resp: 109359

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.6	17.3	25.9