Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016550.D
Acq On : 23 Aug 2018 11:28
Operator : SJ/JU
Sample : J4573-04RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 23 13:10:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	111489	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	333201	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	246544	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	831168	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1086528	20.00	ng	0.00
86) Perylene-d12	23.83	264	1209225	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	783403	137.69	ng	0.00
7) Phenol-d6	7.19	99	854567	113.51	ng	-0.01
23) Nitrobenzene-d5	9.20	82	901065	123.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	1619077	234.92	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3078871	120.04	ng	-0.01
78) Terphenyl-d14	19.99	244	9504640	185.15	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	8.32	79	18840	2.695	ng	# 16
76) Benzidine	19.64	184	61140	2.926	ng	# 93

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

Quantitation Report (Not Reviewed)

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BNA_M
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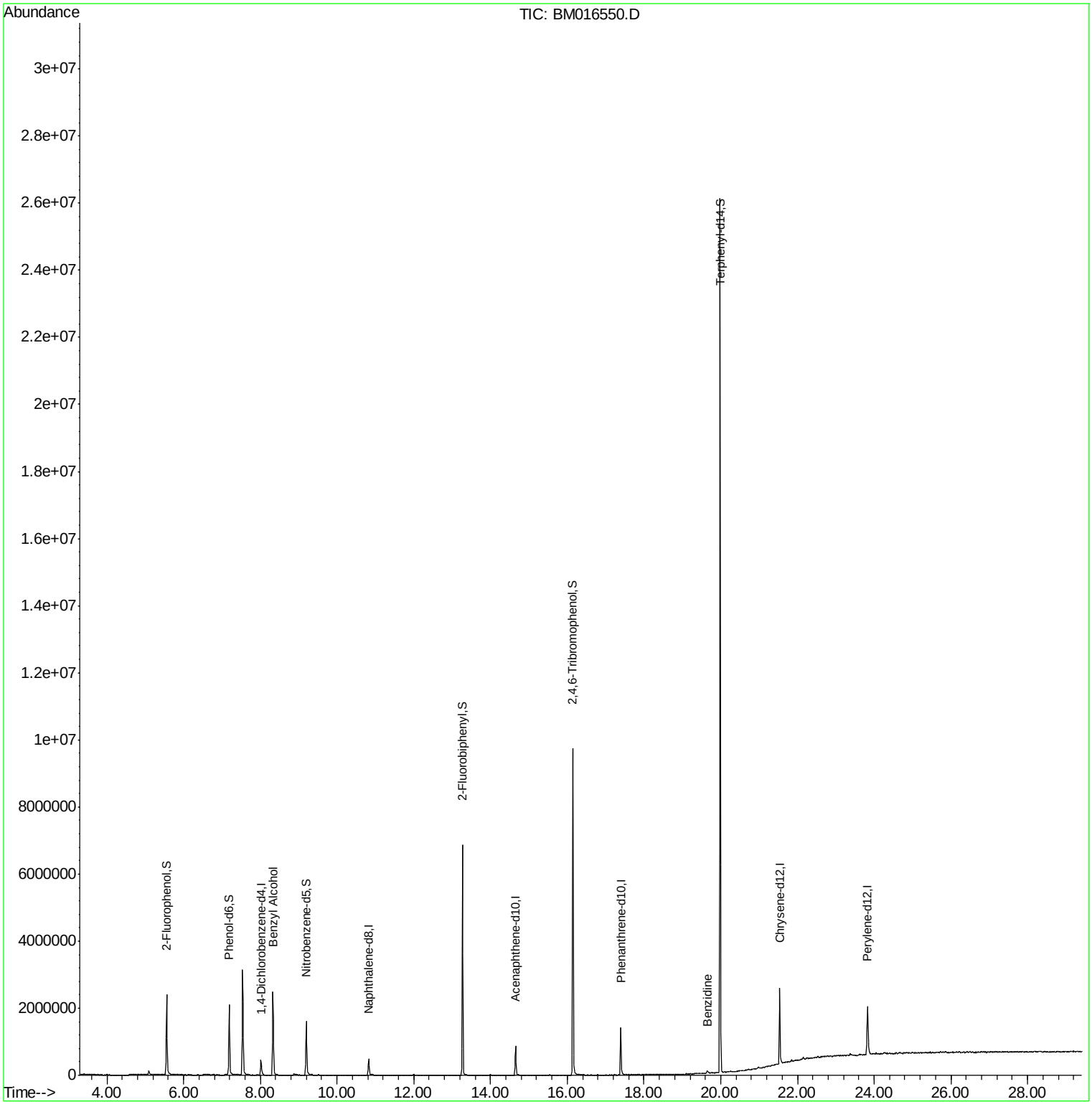
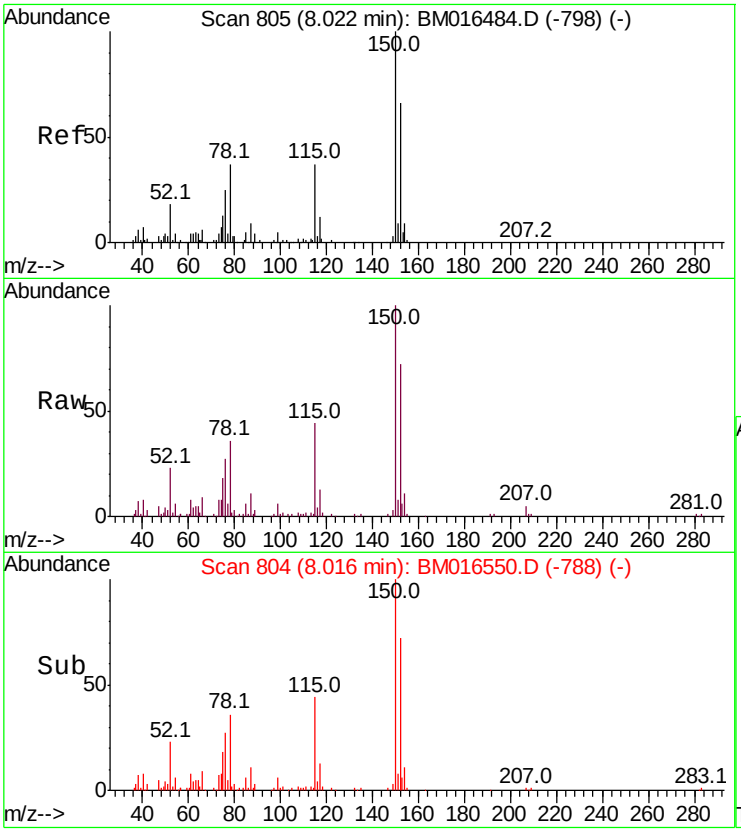
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration



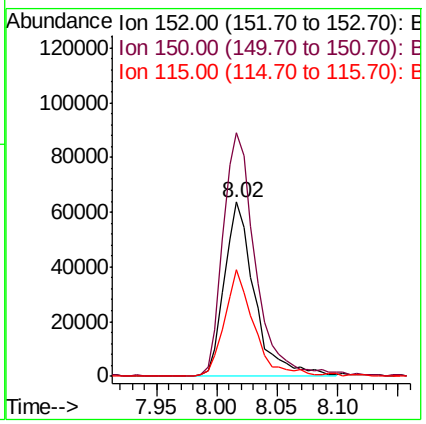


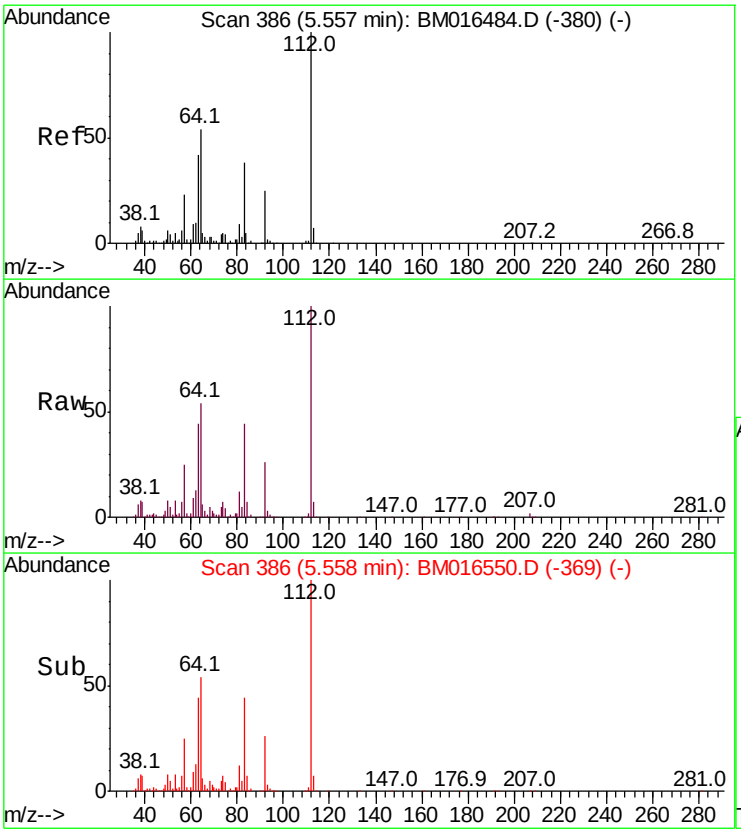
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 111489

Ion	Ratio	Lower	Upper
152	100		
150	139.7	119.5	179.3
115	61.5	43.0	64.4

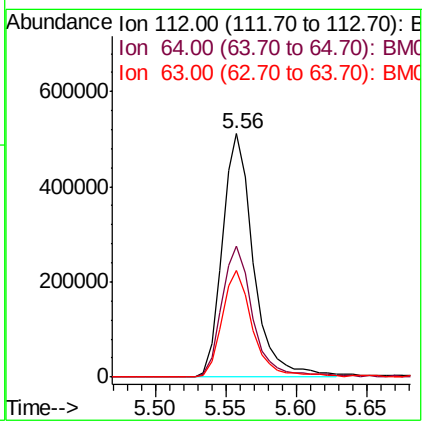


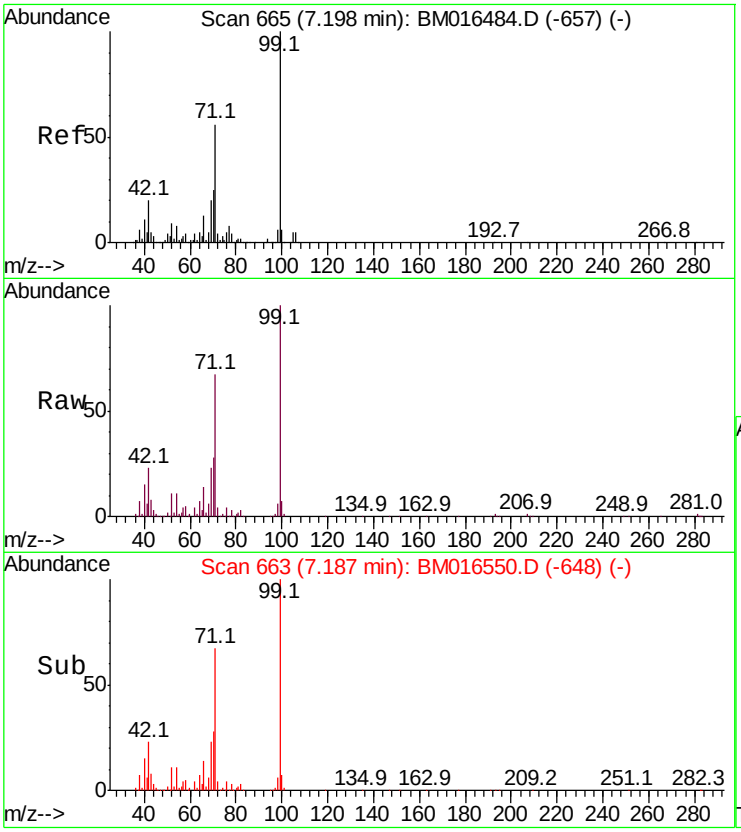


#5
2-Fluorophenol
Concen: 137.695 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion:112 Resp: 783403

Ion	Ratio	Lower	Upper
112	100		
64	53.7	38.6	57.8
63	44.0	19.3	28.9#



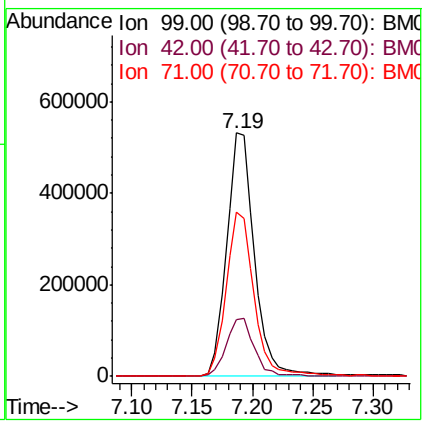


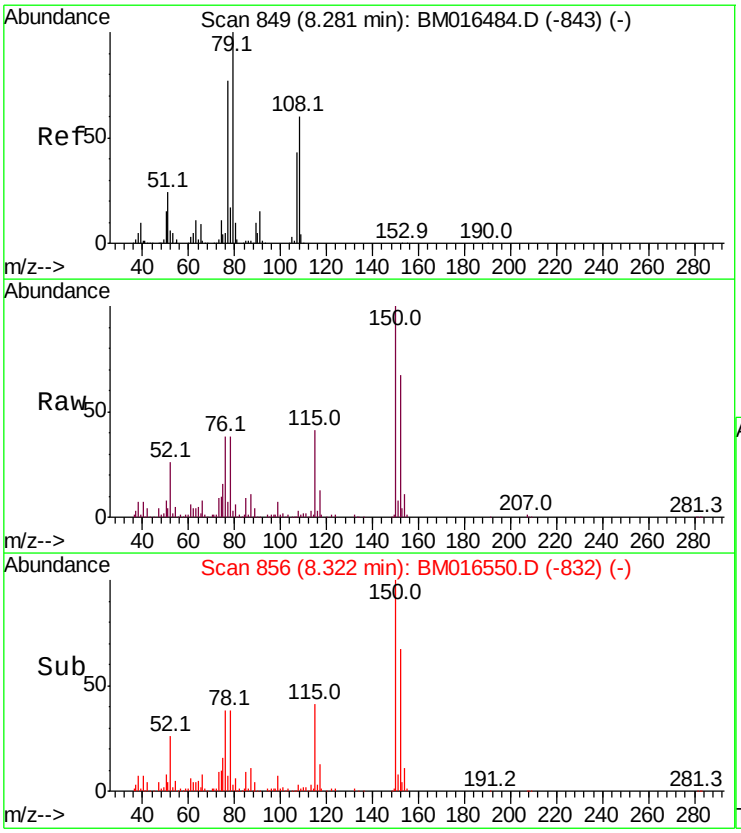
#7
Phenol-d6
Concen: 113.508 ng
RT: 7.19 min Scan# 663
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 854567

Ion	Ratio	Lower	Upper
99	100		
42	23.1	11.0	16.4#
71	67.4	23.4	35.2#

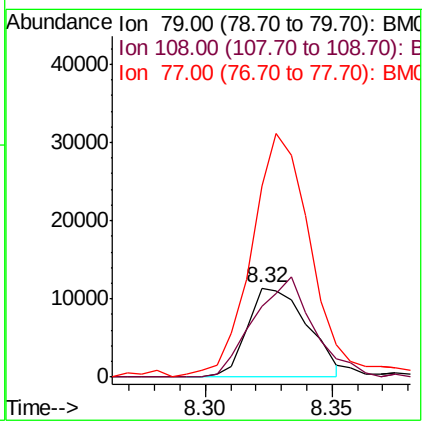


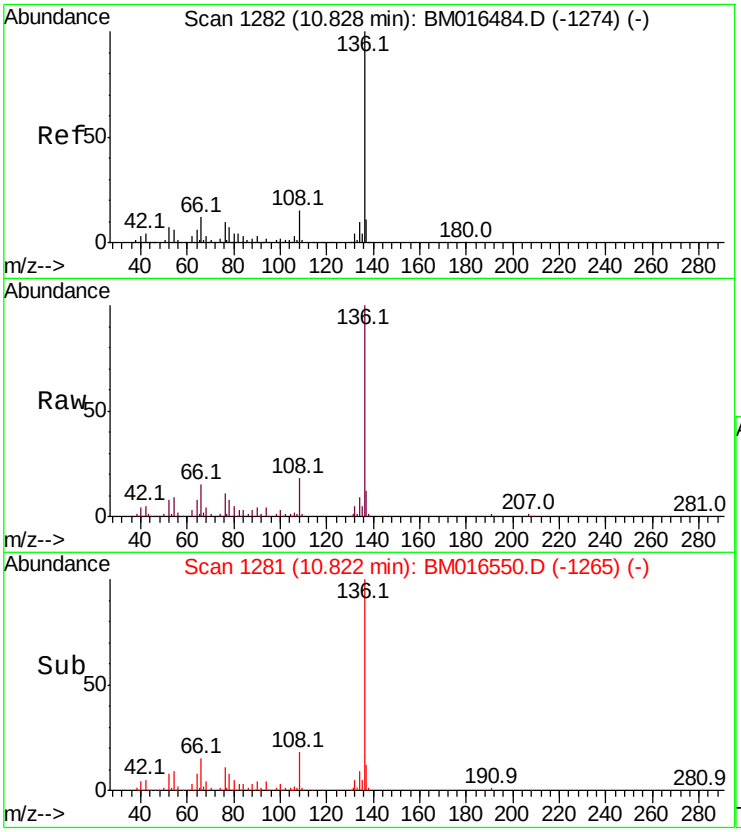


#15
Benzyl Alcohol
Concen: 2.695 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.04 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion: 79 Resp: 18840

Ion	Ratio	Lower	Upper
79	100		
108	79.8	65.0	97.4
77	214.4	53.0	79.6#



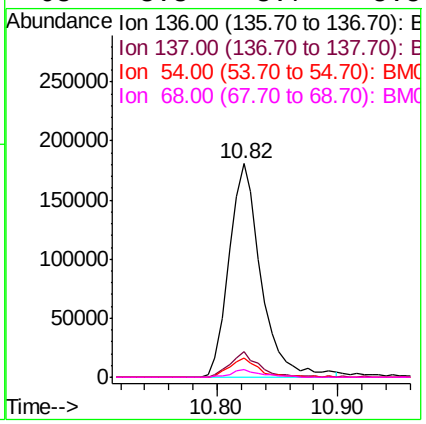


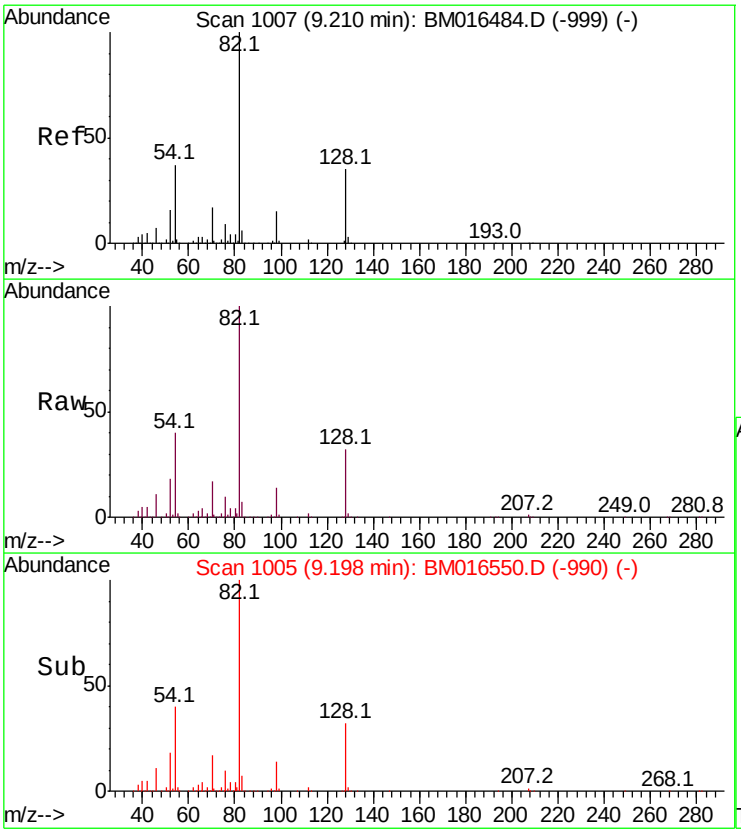
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 333201

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	9.2	4.6	6.8#
68	3.8	3.7	5.5

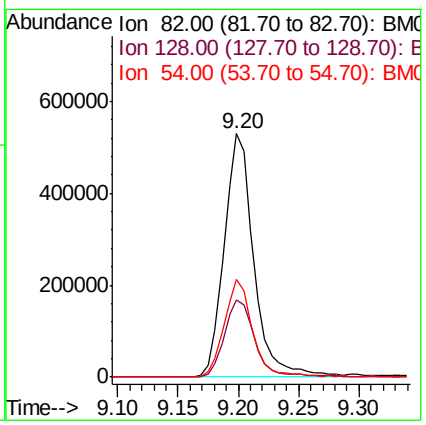


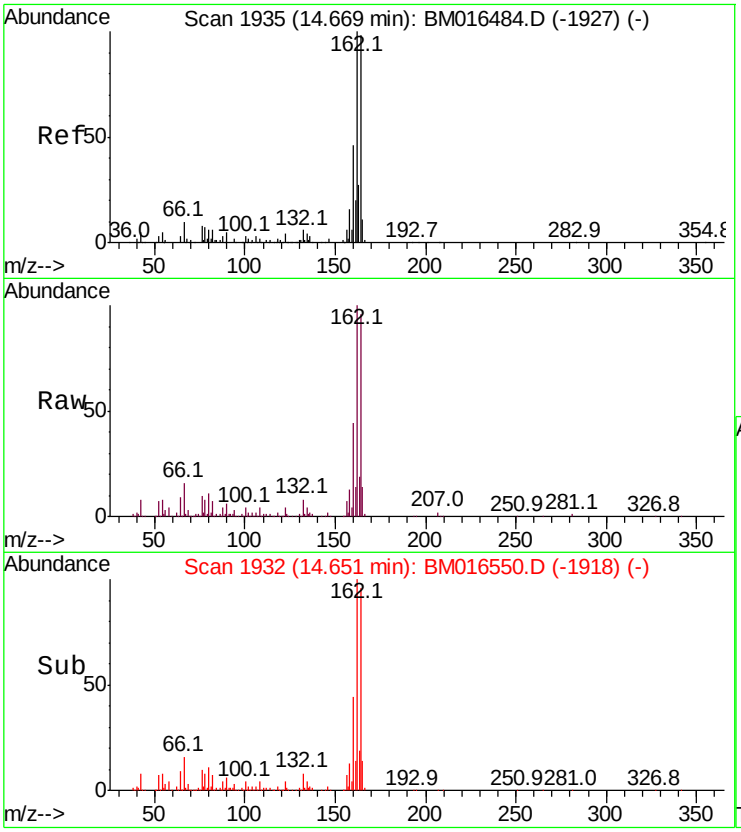


#23
Nitrobenzene-d5
Concen: 123.474 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion: 82 Resp: 901065

Ion	Ratio	Lower	Upper
82	100		
128	31.9	32.8	49.2#
54	40.3	40.6	60.8#



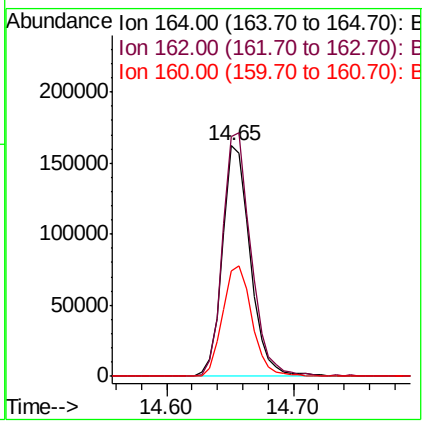


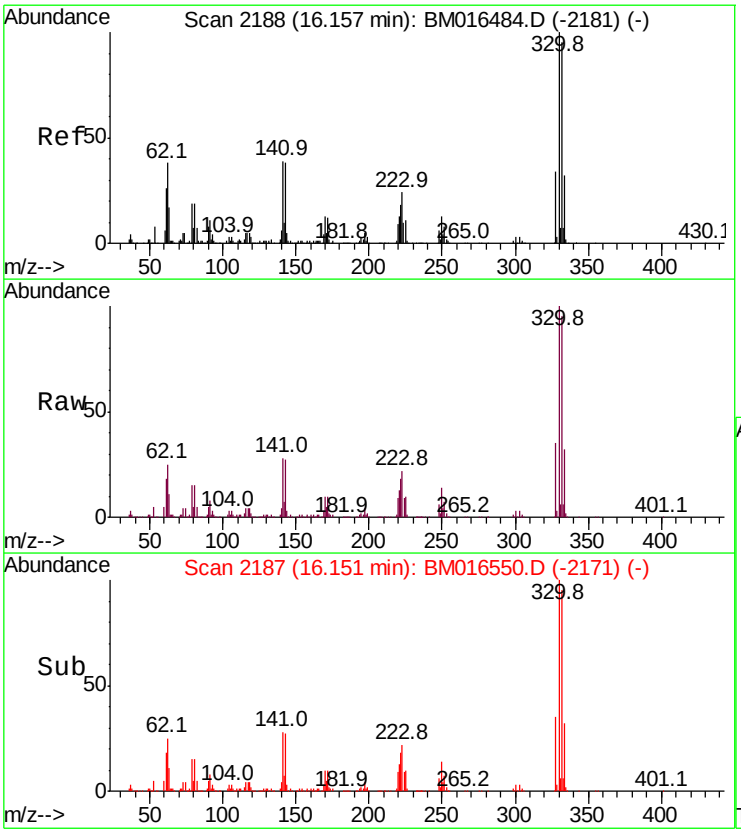
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 246544

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.4	123.6
160	45.6	35.8	53.6

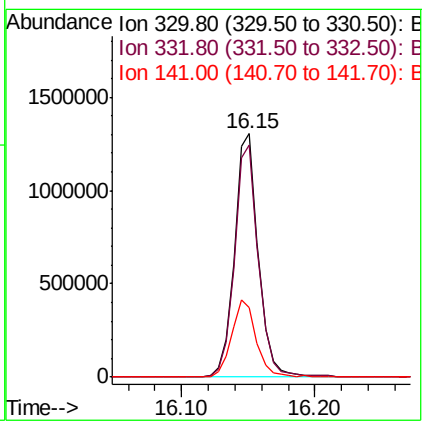


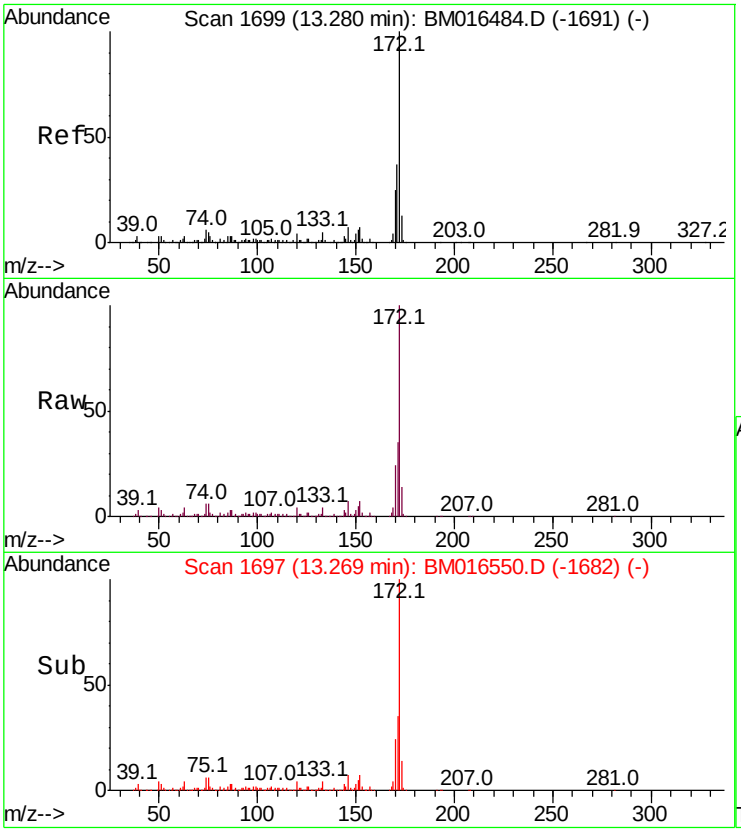


#41
2,4,6-Tribromophenol
Concen: 234.923 ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion:330 Resp: 1619077

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	32.9	0.0	0.0#



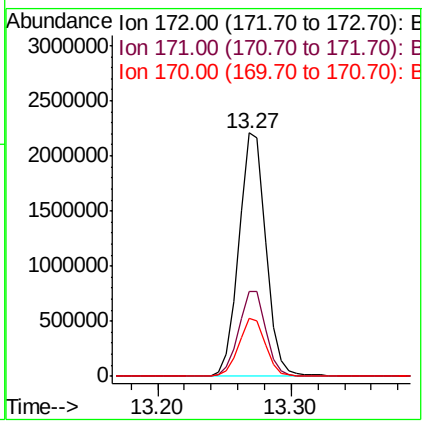


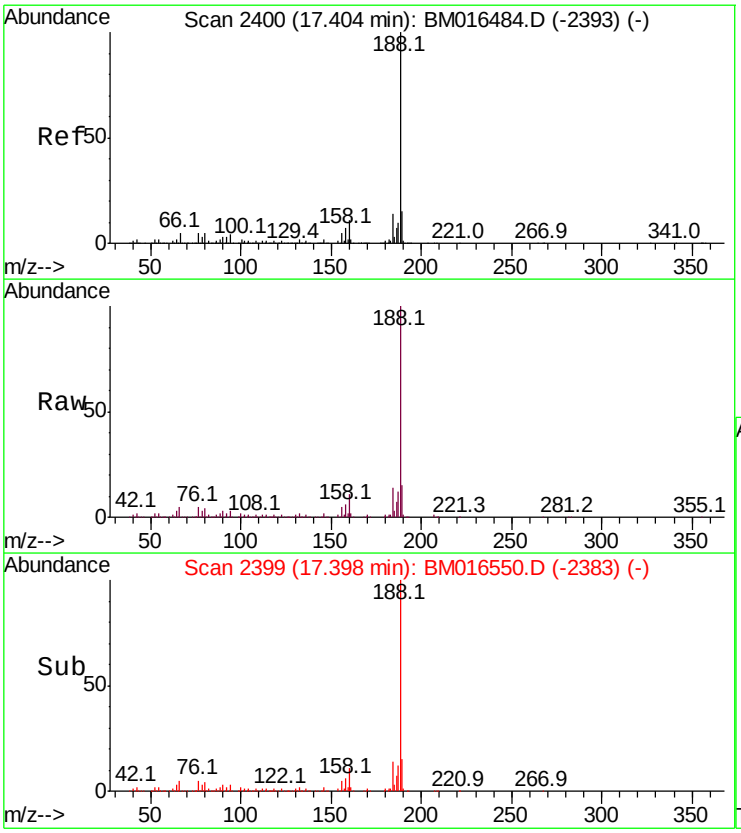
#44
2-Fluorobiphenyl
Concen: 120.039 ng
RT: 13.27 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 3078871

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.7	18.8	28.2

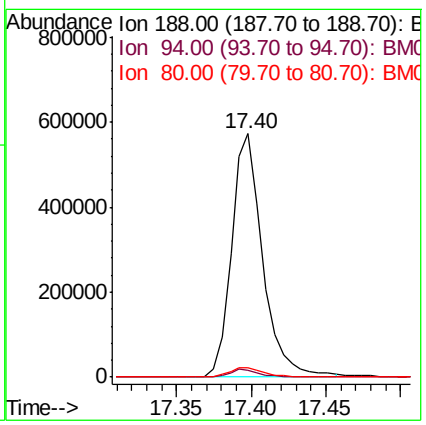


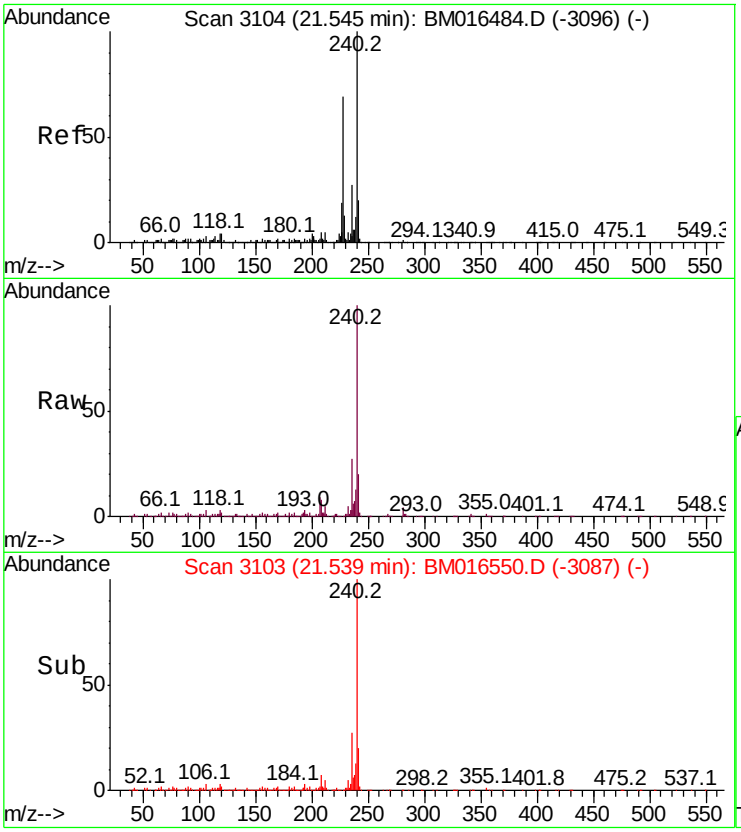


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion:188 Resp: 831168

Ion	Ratio	Lower	Upper
188	100		
94	2.6	8.7	13.1#
80	4.1	9.3	13.9#



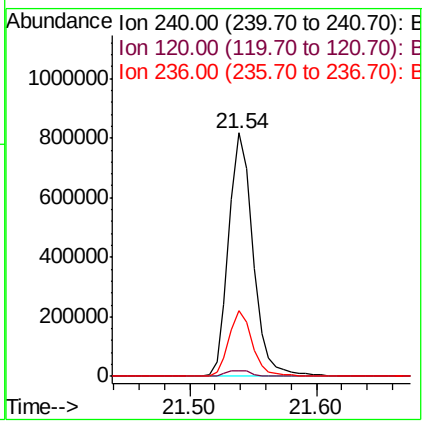


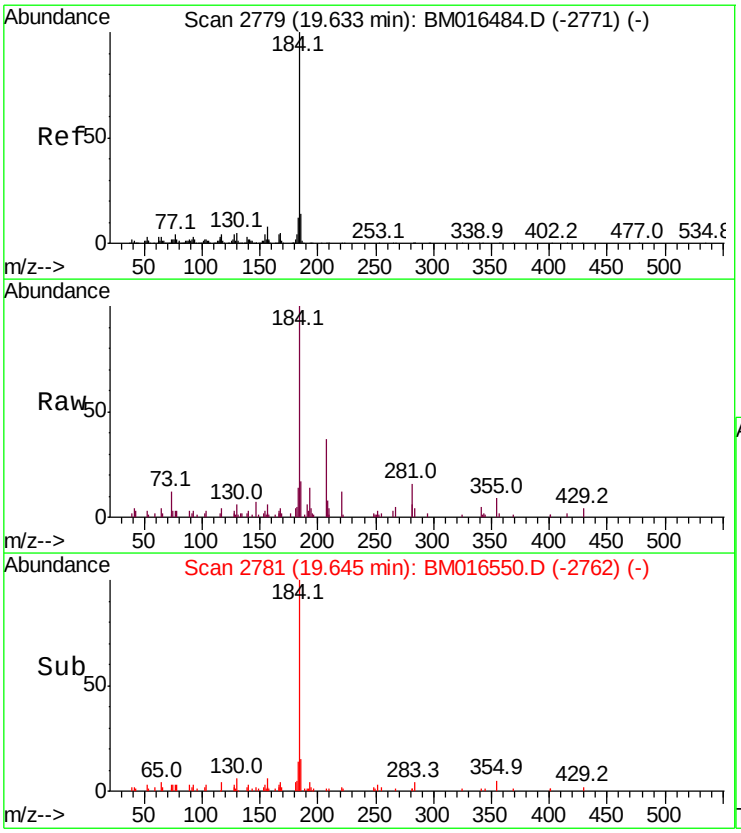
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 1086528

Ion	Ratio	Lower	Upper
240	100		
120	2.5	8.2	12.2#
236	26.8	20.0	30.0

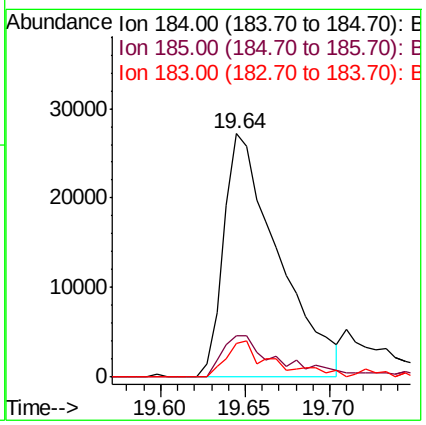


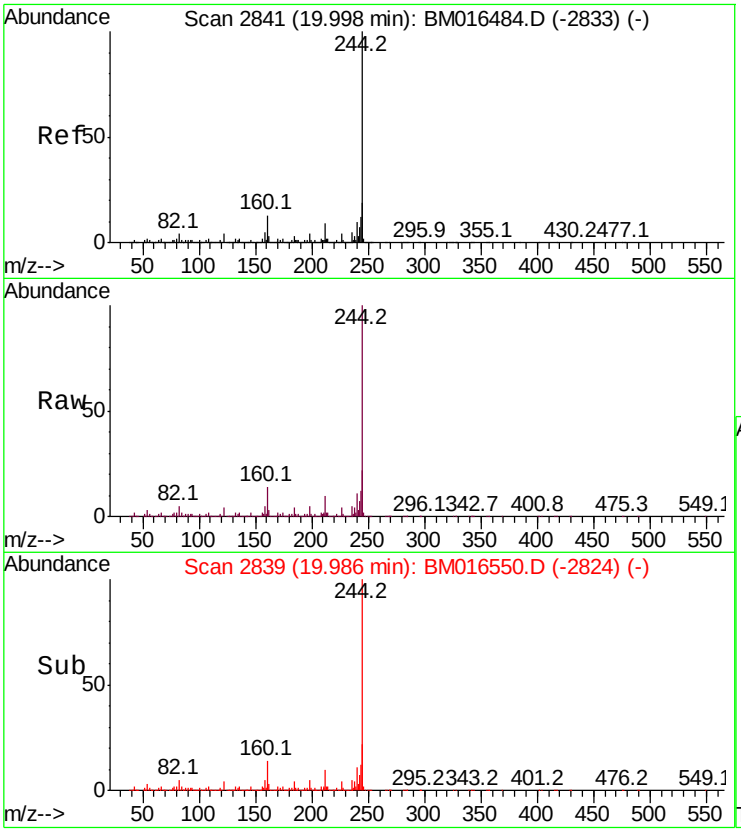


#76
Benzidine
Concen: 2.926 ng
RT: 19.64 min Scan# 2781
Delta R.T. 0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion:184 Resp: 61140

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.3	16.9
183	14.0	8.9	13.3#



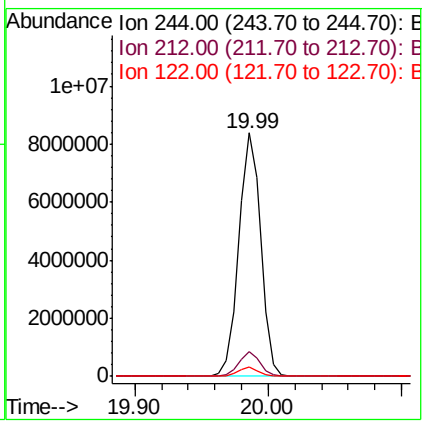


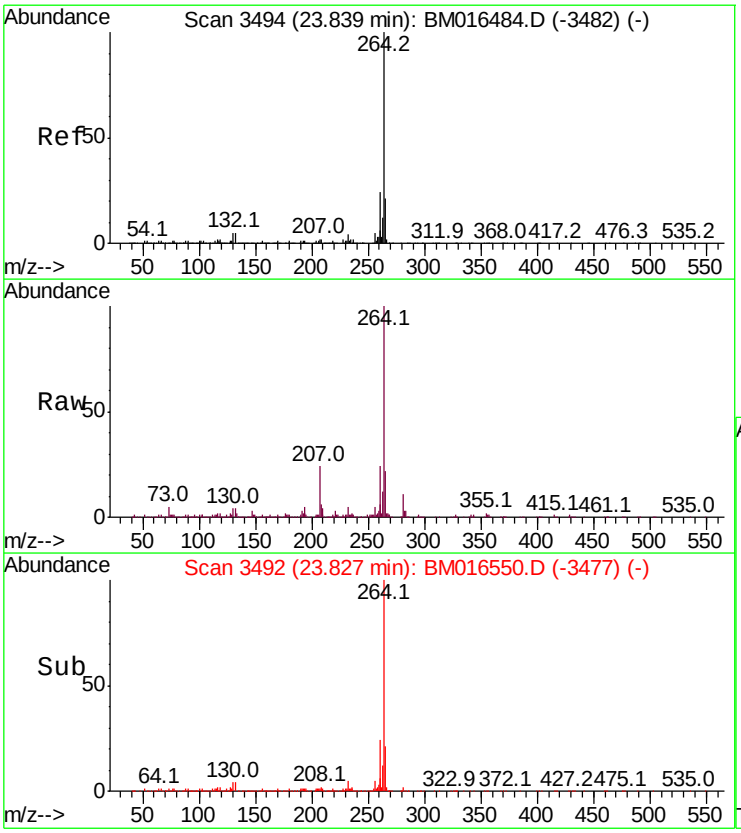
#78
Terphenyl-d14
Concen: 185.152 ng
RT: 19.99 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 9504640

Ion	Ratio	Lower	Upper
244	100		
212	10.3	4.9	7.3#
122	3.6	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion:264 Resp: 1209225

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.7	17.3	25.9