Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018737.D
Acq On : 07 Feb 2019 14:53
Operator : JU/SJ
Sample : K1389-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-5-D

Quant Time: Feb 08 10:56:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	236617	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	882211	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	455378	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1026313	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1113345	20.00	ng	0.00
87) Perylene-d12	23.57	264	1153198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2048435	159.85	ng	0.00
7) Phenol-d6	6.89	99	2574288	158.17	ng	0.00
23) Nitrobenzene-d5	8.88	82	1546330	101.61	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	947991	163.50	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3393044	97.23	ng	0.00
79) Terphenyl-d14	19.75	244	5041914	95.46	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.92	94	47012	2.843	ng	89
50) Dimethylphthalate	13.83	163	238517	6.378	ng	99

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

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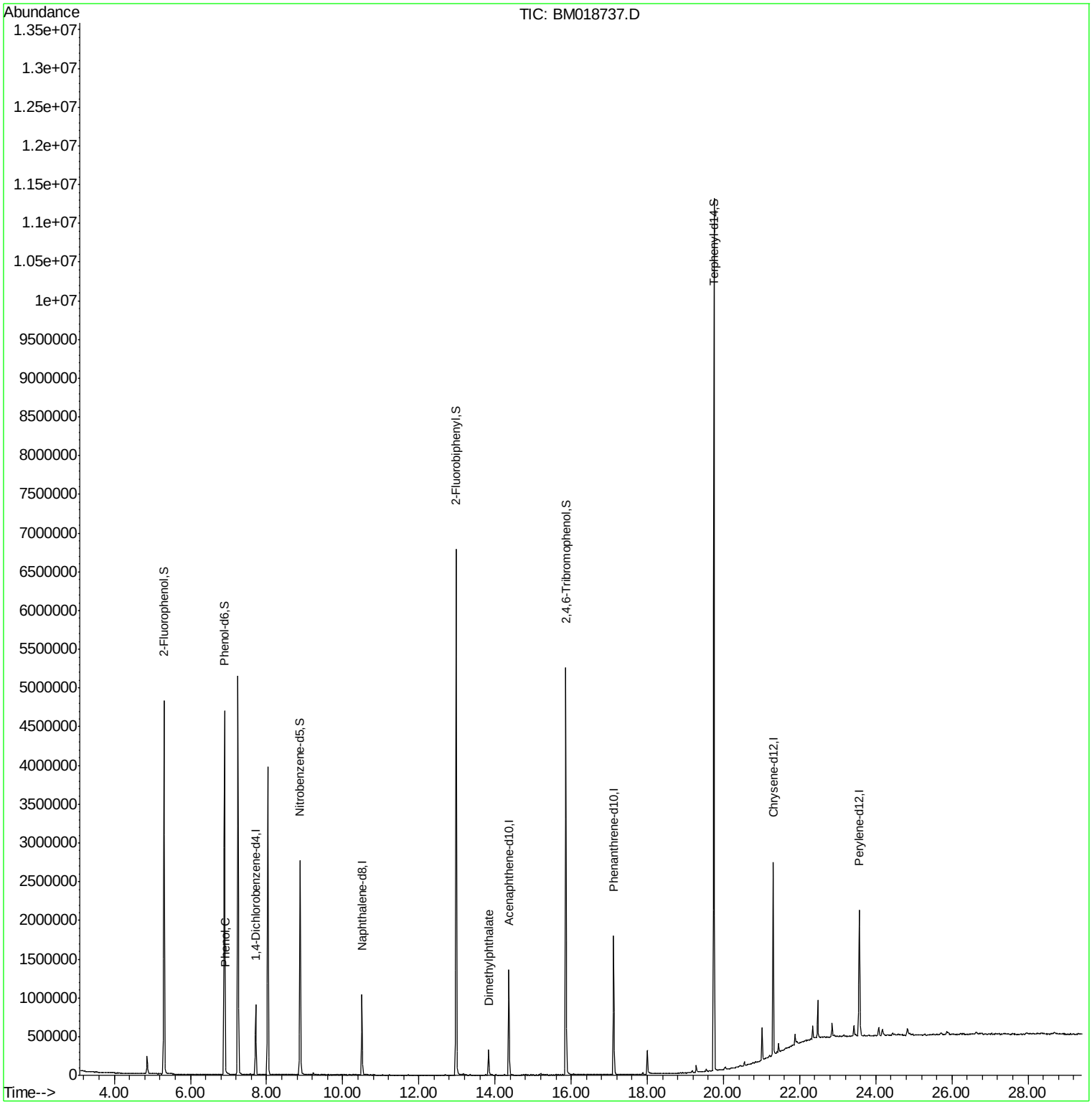
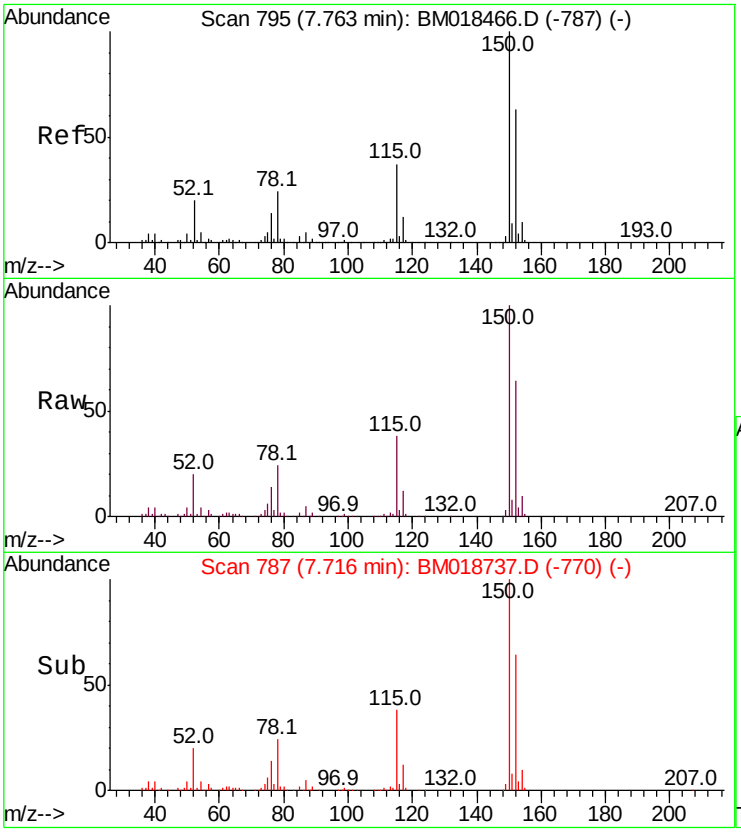


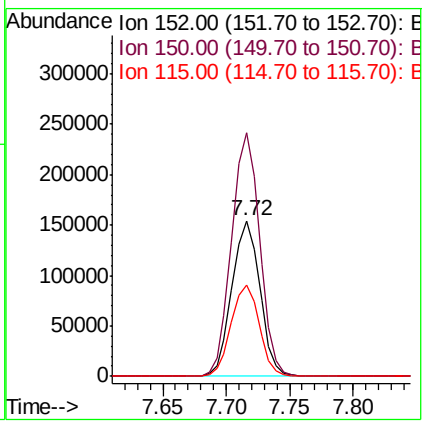


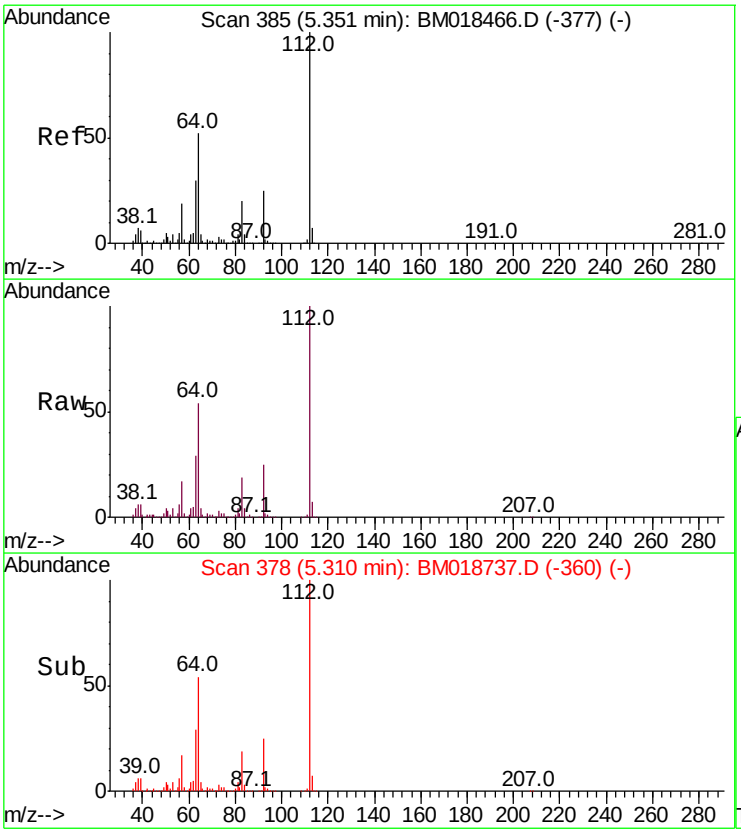
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Instrument :
BNA_M
ClientSampleId :
M-5-D

Tgt Ion:152 Resp: 236617

Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.9	190.3
115	58.8	45.5	68.3

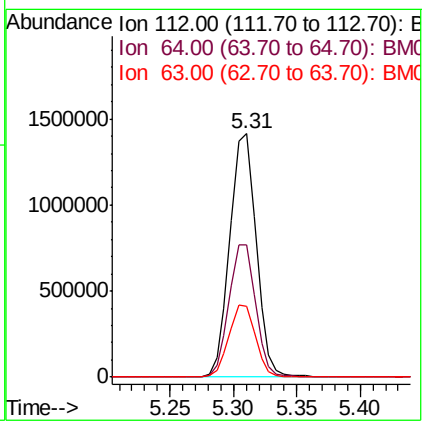


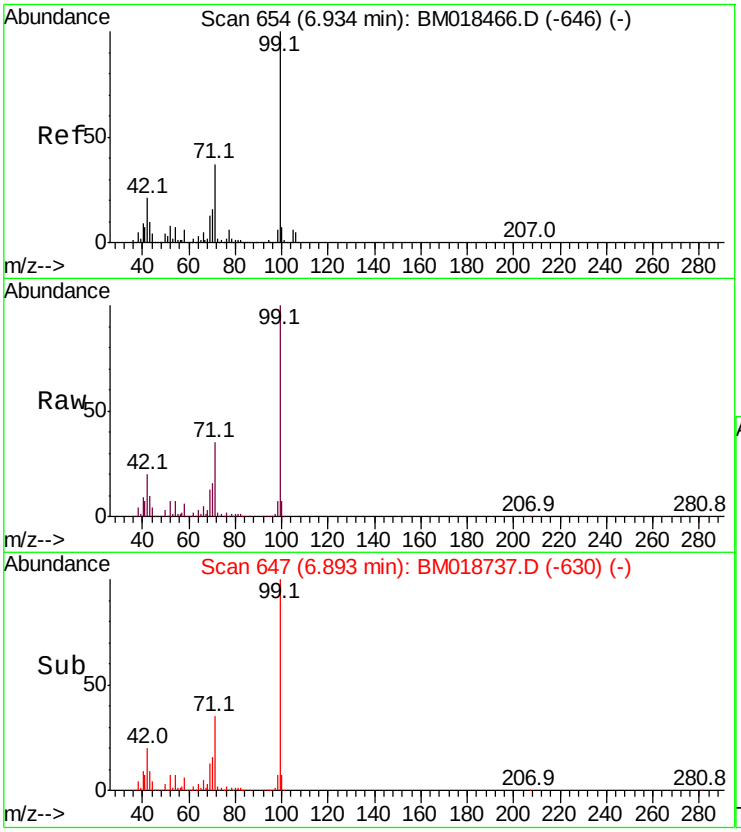


#5
2-Fluorophenol
Concen: 159.854 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Tgt Ion:112 Resp: 2048435

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.5	69.7
63	28.9	25.2	37.8



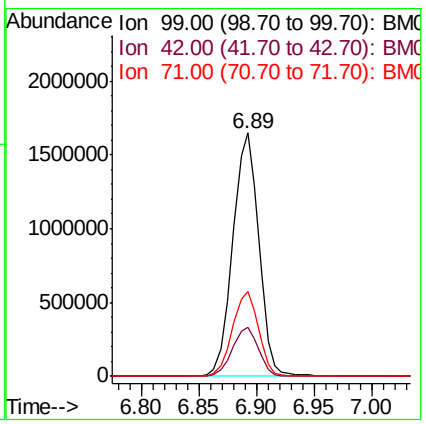


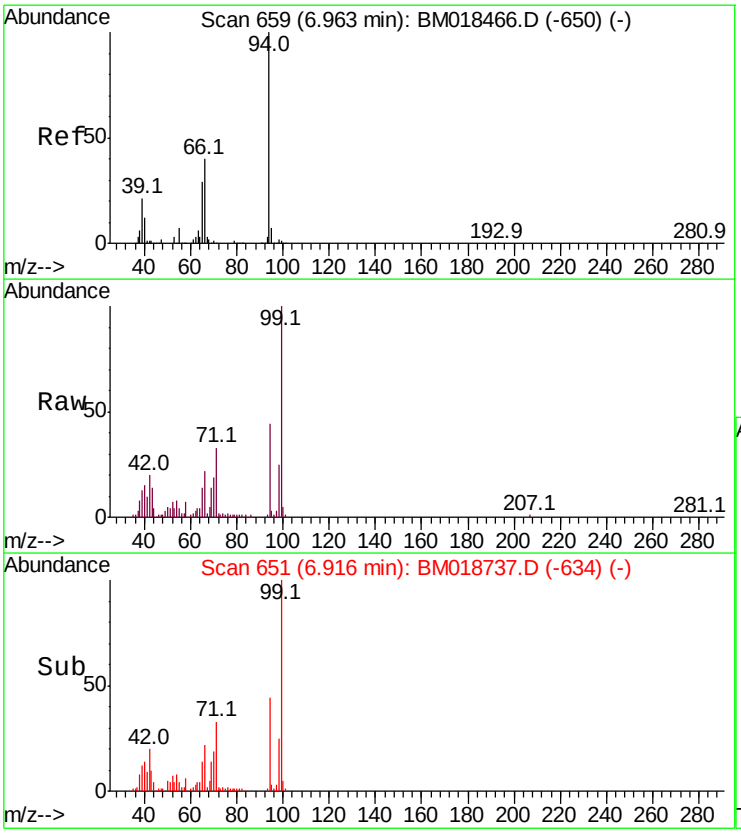
#7
Phenol-d6
Concen: 158.166 ng
RT: 6.89 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Instrument :
BNA_M
ClientSampleId :
M-5-D

Tgt Ion: 99 Resp: 2574288

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.3	25.9
71	35.0	28.0	42.0

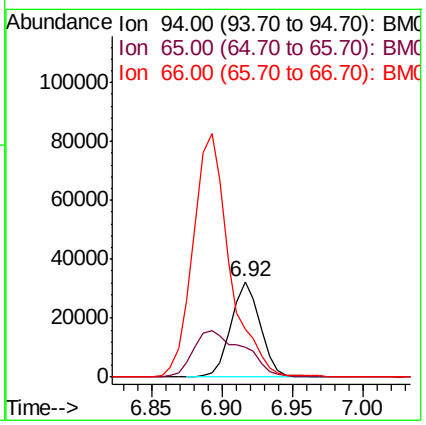


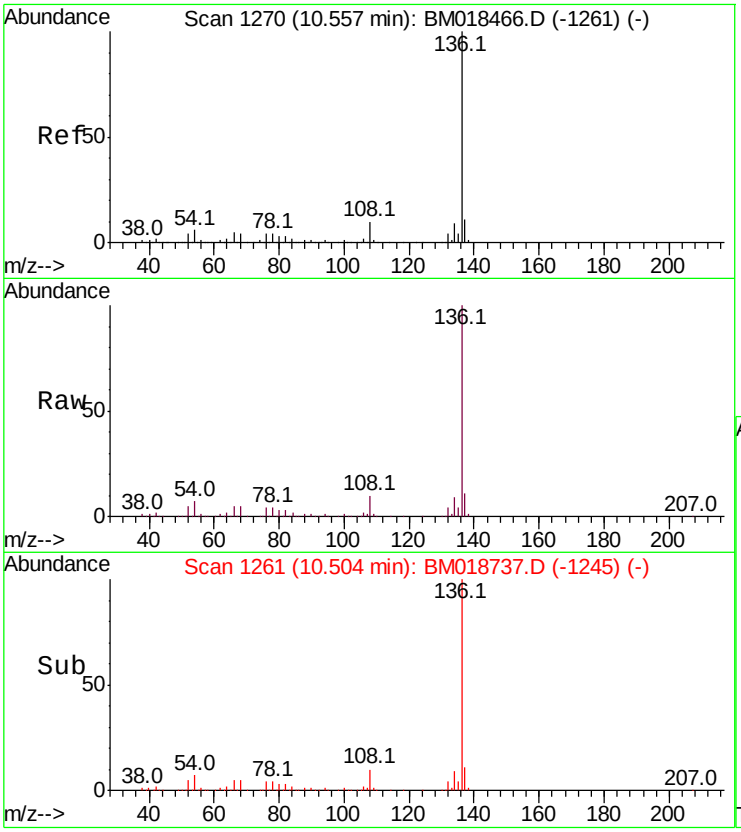


#10
Phenol
Concen: 2.843 ng
RT: 6.92 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Tgt Ion: 94 Resp: 47012

Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.4	49.4
66	49.8	19.1	59.1



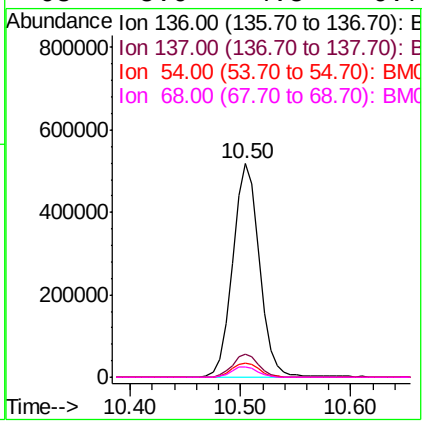


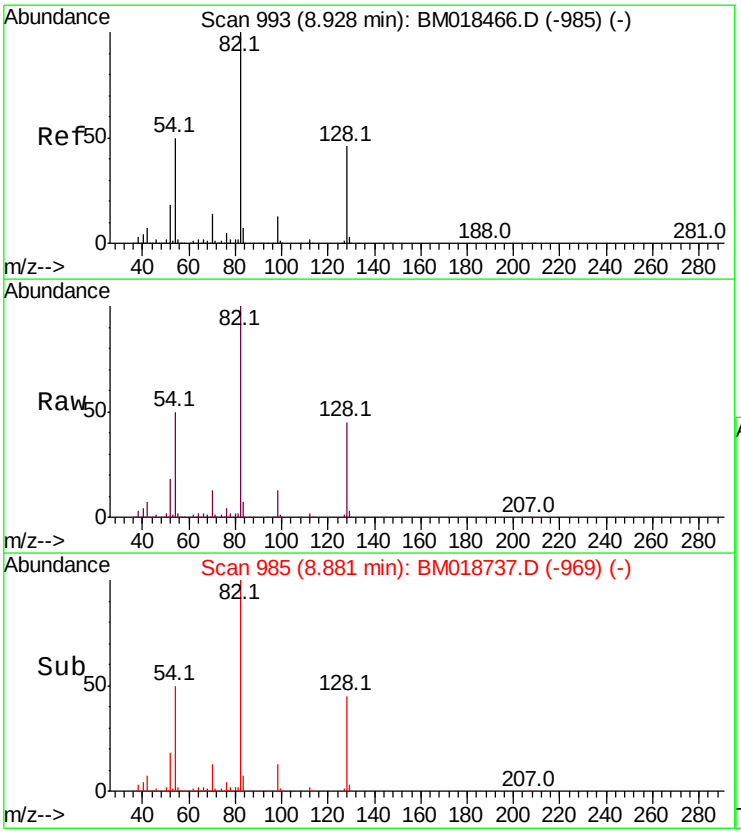
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Instrument :
BNA_M
ClientSampleId :
M-5-D

Tgt Ion:136 Resp: 882211

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.7	6.0	9.0
68	5.0	4.5	6.7

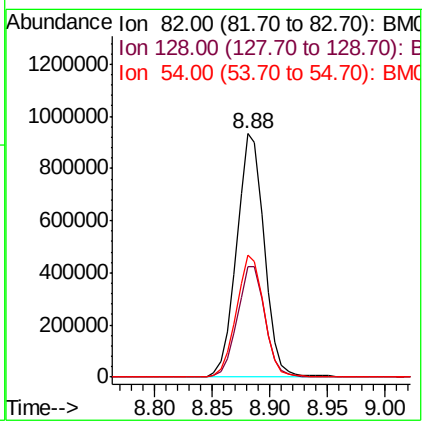


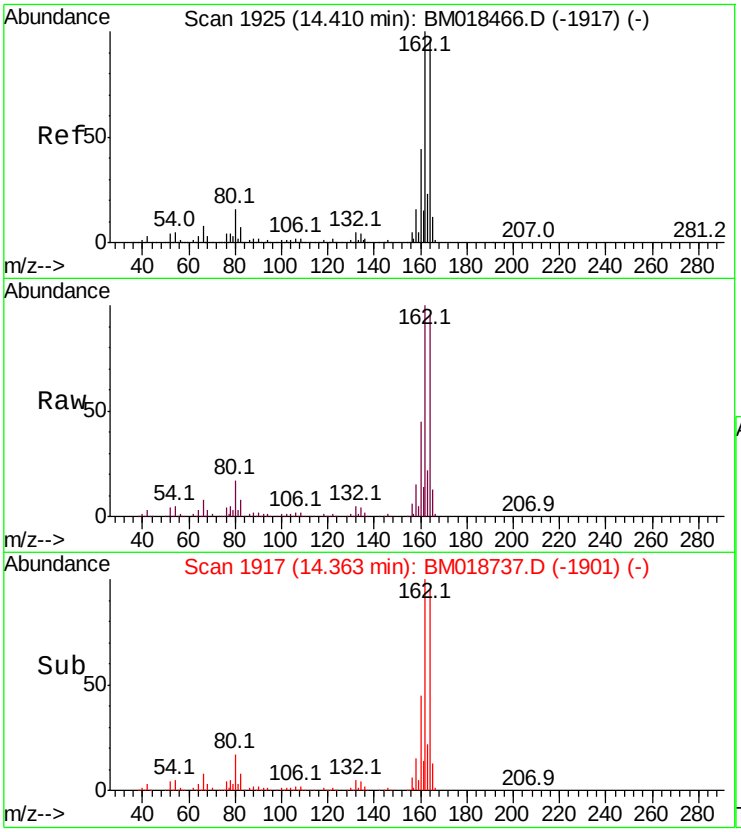


#23
Nitrobenzene-d5
Concen: 101.611 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Tgt Ion: 82 Resp: 1546330

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.3	54.5
54	49.9	41.7	62.5



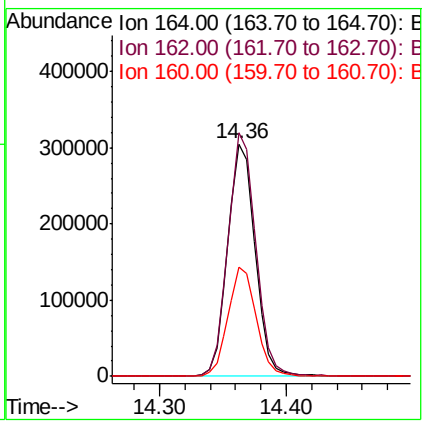


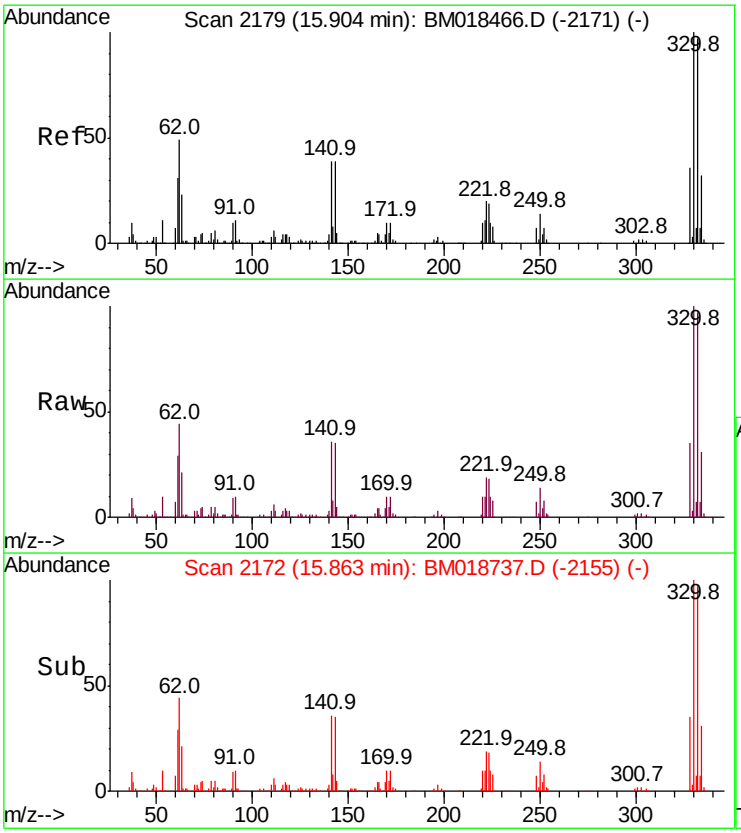
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Instrument :
BNA_M
ClientSampleId :
M-5-D

Tgt Ion:164 Resp: 455378

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	47.0	37.1	55.7

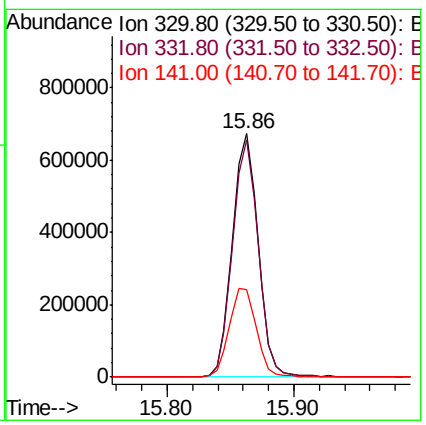


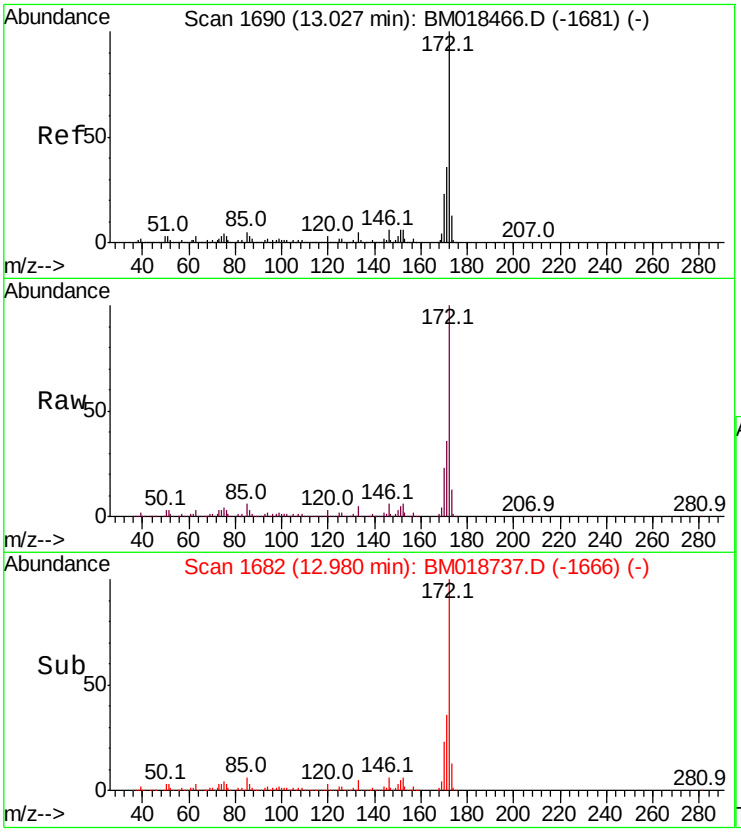


#42
2,4,6-Tribromophenol
Concen: 163.496 ng
RT: 15.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Tgt Ion:330 Resp: 947991

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	38.1	31.7	47.5



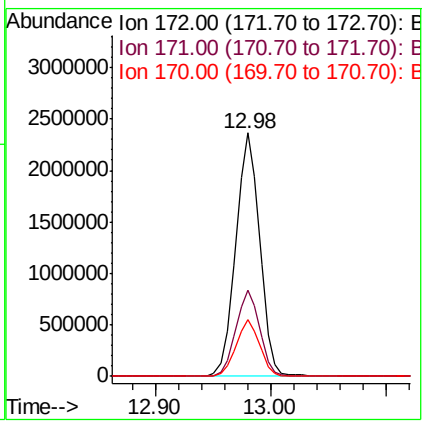


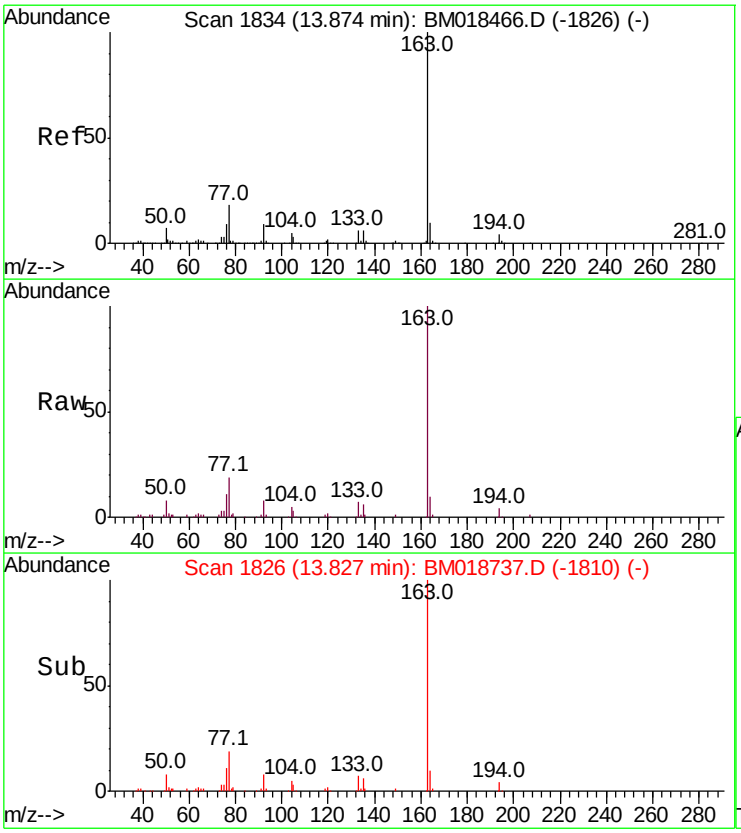
#45
2-Fluorobiphenyl
Concen: 97.226 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Instrument :
BNA_M
ClientSampleId :
M-5-D

Tgt Ion:172 Resp: 3393044

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.1	18.9	28.3

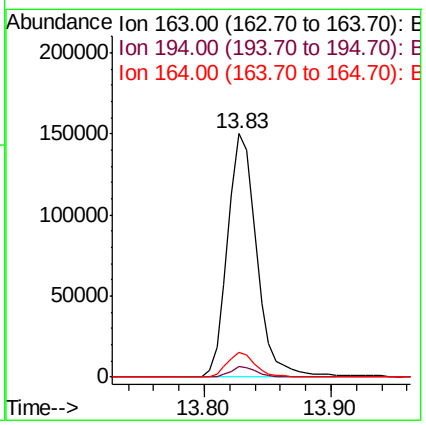


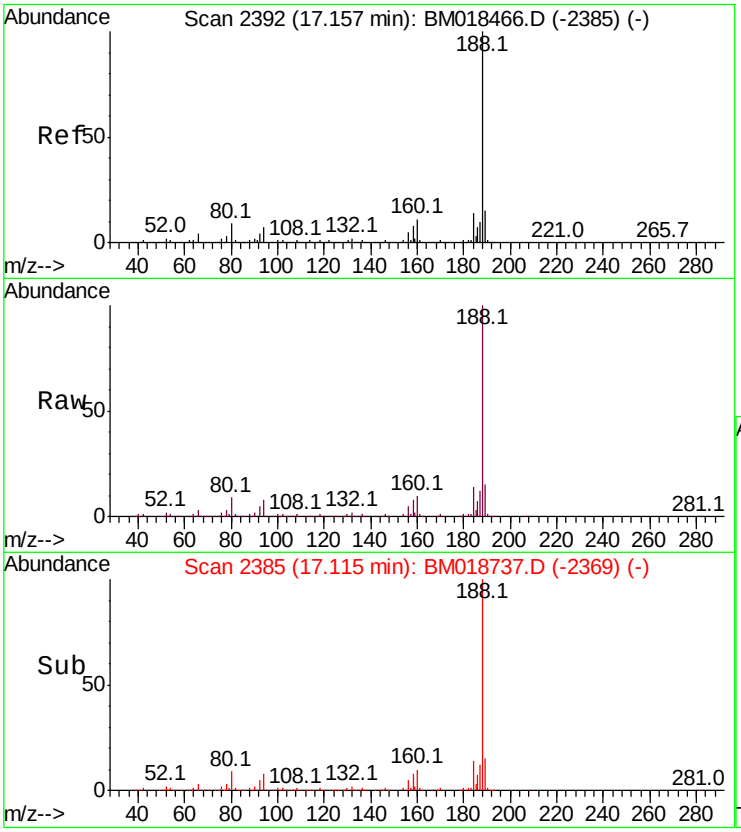


#50
Dimethylphthalate
Concen: 6.378 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Tgt Ion:163 Resp: 238517

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.2	7.8	11.8



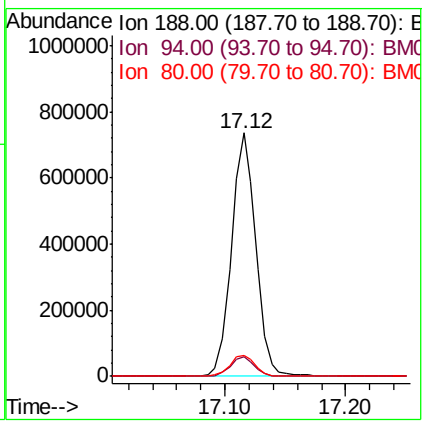


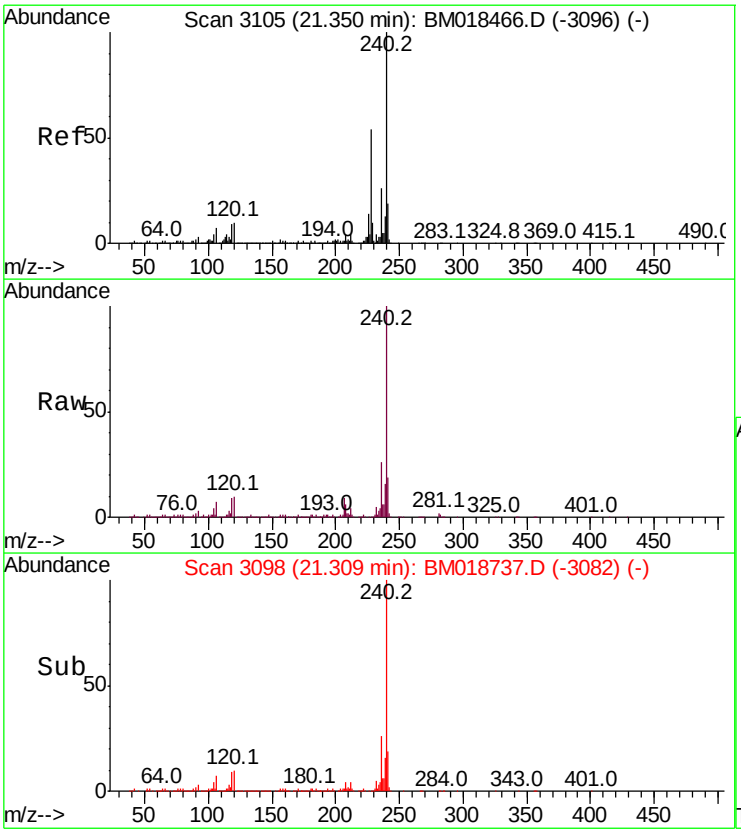
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Instrument :
BNA_M
ClientSampleId :
M-5-D

Tgt Ion:188 Resp: 1026313

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.1	10.7
80	8.7	7.6	11.4

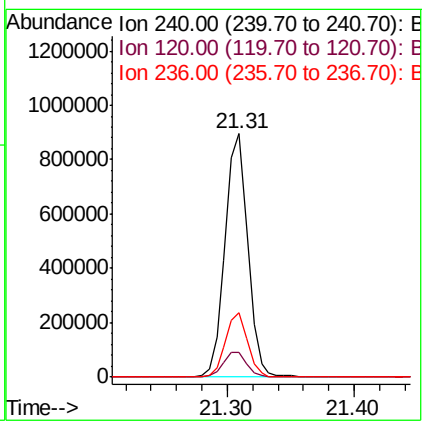


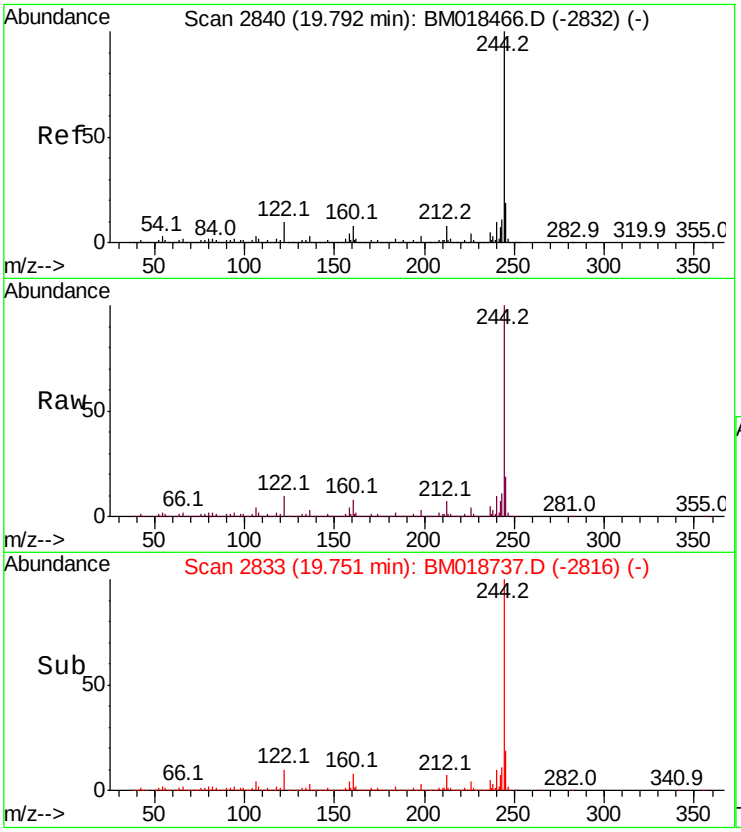


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Tgt Ion:240 Resp: 1113345

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	26.2	20.7	31.1



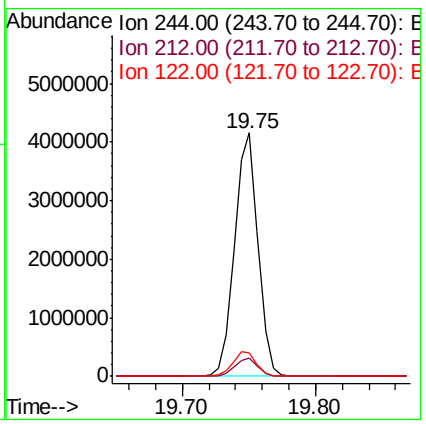


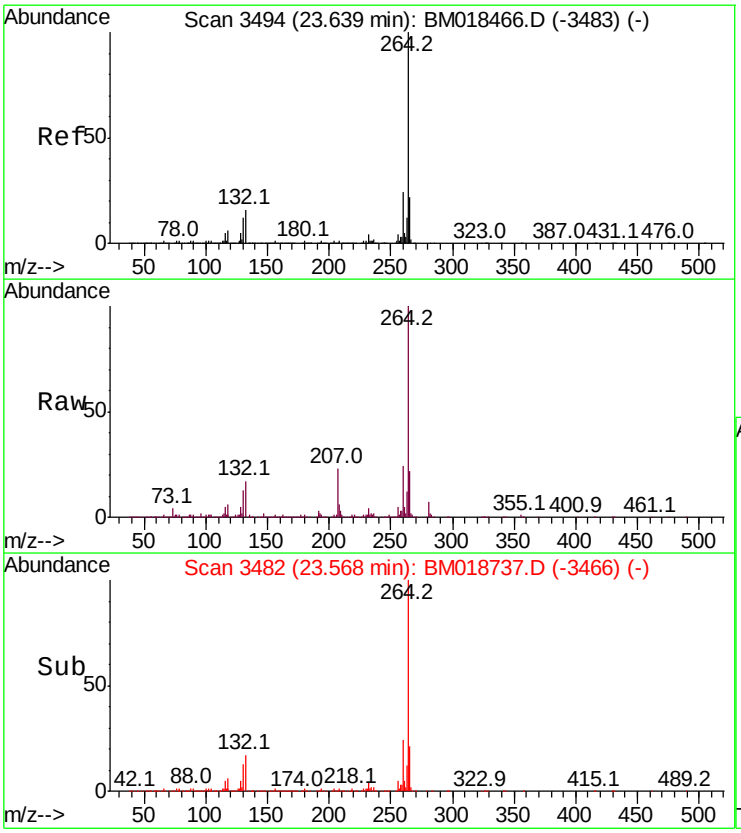
#79
Terphenyl-d14
Concen: 95.465 ng
RT: 19.75 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Instrument :
BNA_M
ClientSampleId :
M-5-D

Tgt Ion:244 Resp: 5041914

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM018737.D
Acq: 07 Feb 2019 14:53

Tgt Ion:264 Resp: 1153198

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	16.8	25.2