Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018354.D
Acq On : 21 Dec 2018 11:16
Operator : JU/SJ
Sample : J6445-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EB02_1.5-3.5

Quant Time: Dec 21 12:57:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	118252	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	512141	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	275131	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	580046	20.00	ng		-0.01
76) Chrysene-d12	21.14	240	495596	20.00	ng		0.00
87) Perylene-d12	23.30	264	503433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	453691	64.09	ng		0.00
7) Phenol-d6	6.69	99	610793	62.08	ng		-0.01
23) Nitrobenzene-d5	8.65	82	400841	40.15	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	220258	54.54	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	761462	35.85	ng		-0.02
79) Terphenyl-d14	19.57	244	956072	43.63	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.72	94	34844	3.344	ng		82
50) Dimethylphthalate	13.62	163	172585	7.545	ng	#	94

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

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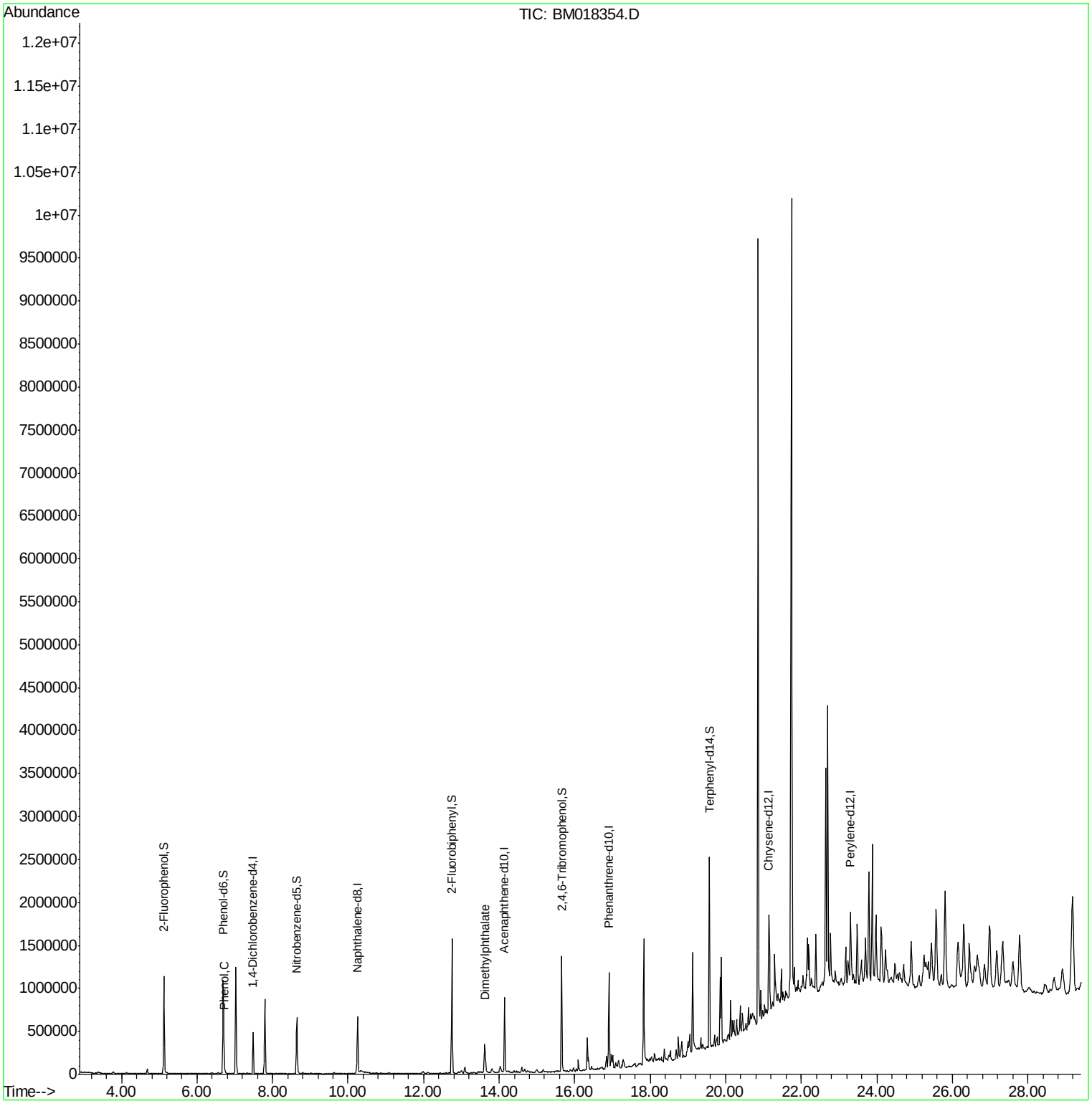
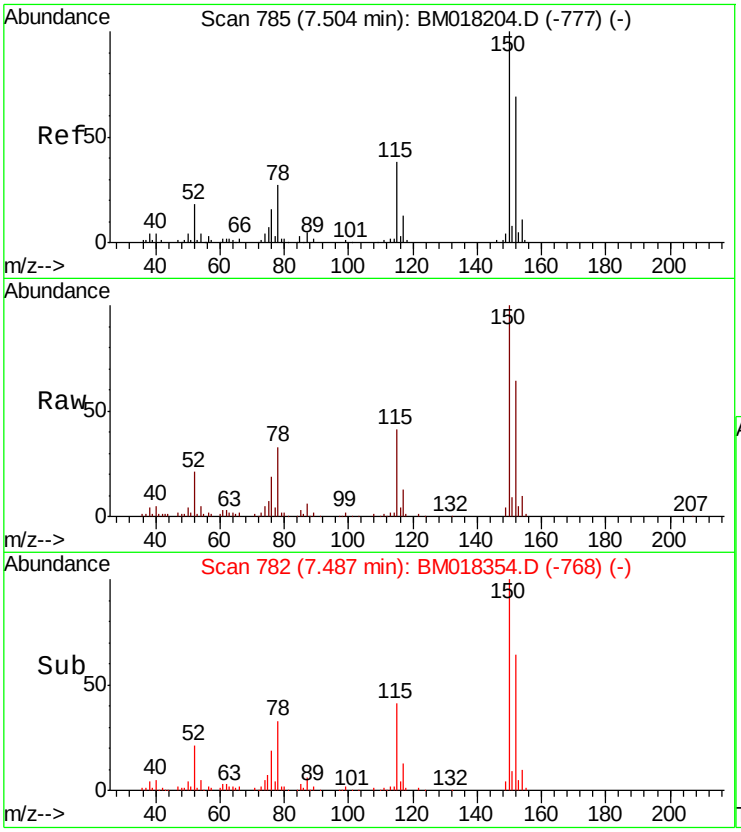


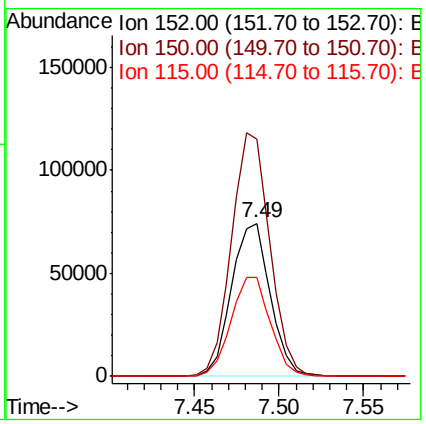


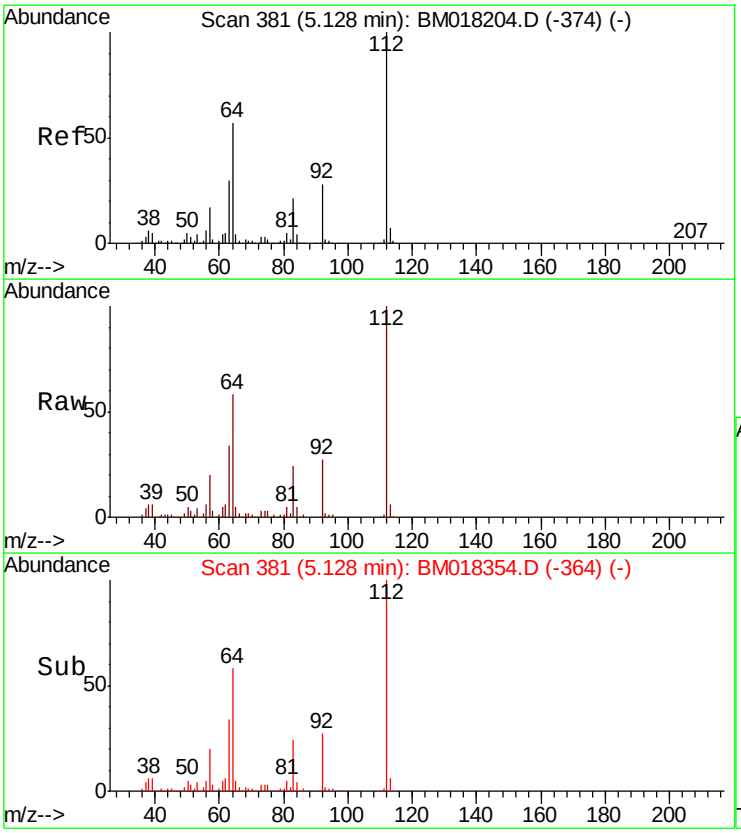
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Instrument :
BNA_M
ClientSampleId :
EB02_1.5-3.5

Tgt Ion:152 Resp: 118252

Ion	Ratio	Lower	Upper
152	100		
150	155.1	116.1	174.1
115	64.4	44.6	67.0

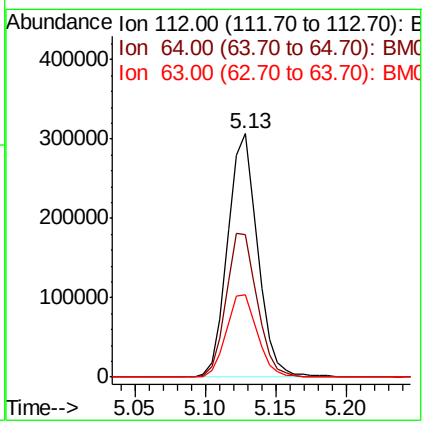


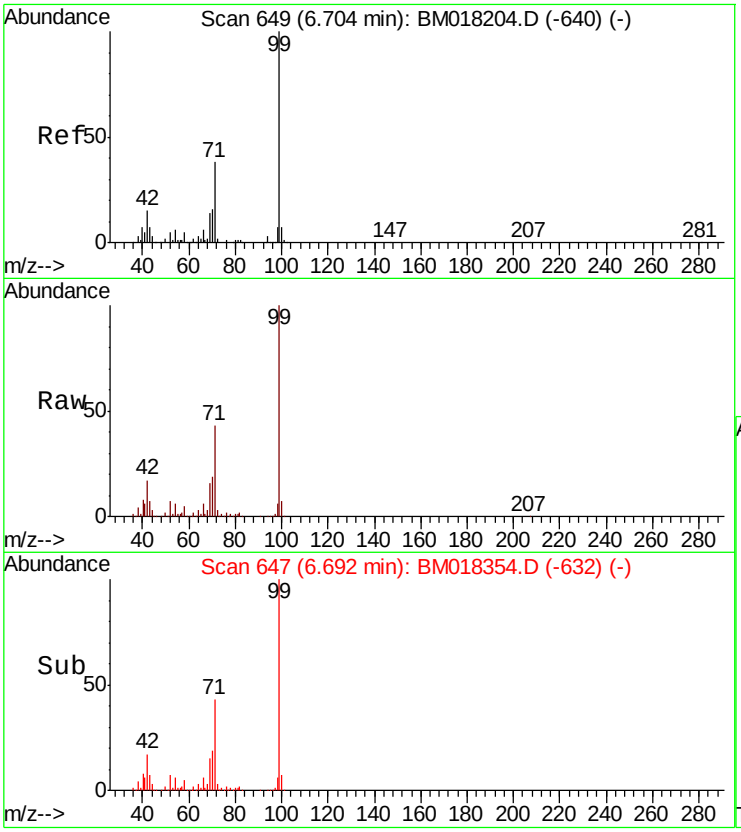


#5
2-Fluorophenol
Concen: 64.091 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Tgt Ion:112 Resp: 453691

Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.4	68.2
63	33.9	24.0	36.0



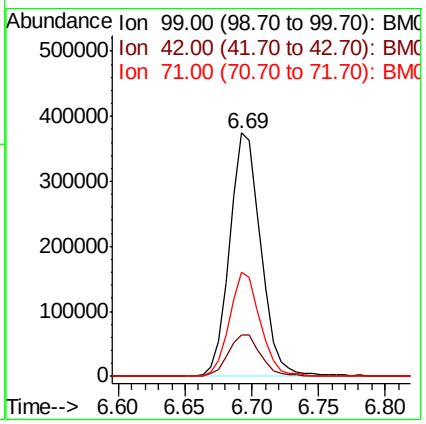


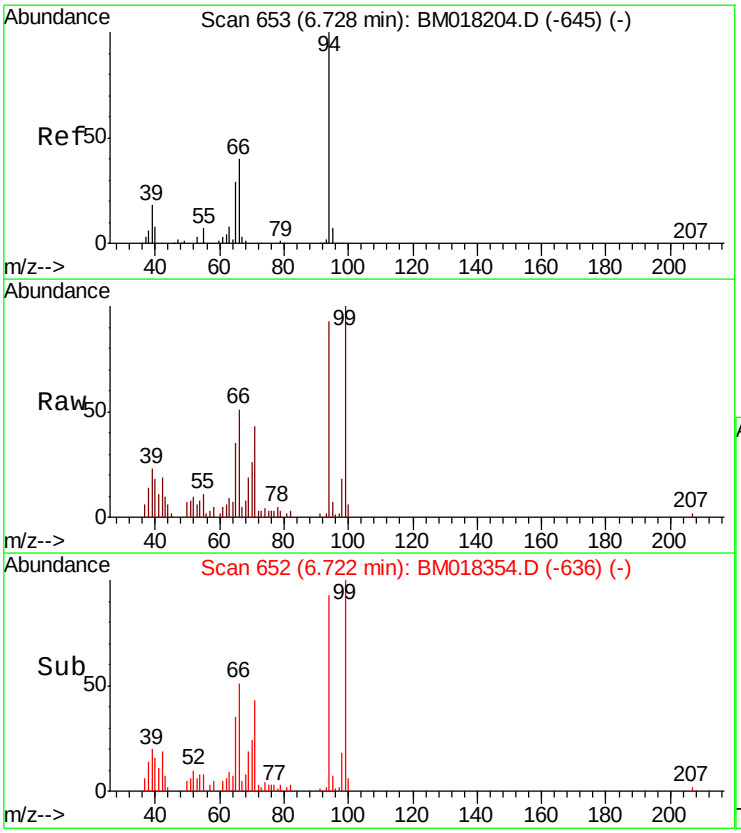
#7
Phenol-d6
Concen: 62.078 ng
RT: 6.69 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Instrument :
BNA_M
ClientSampleId :
EB02_1.5-3.5

Tgt Ion: 99 Resp: 610793

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.3	18.5
71	42.8	30.2	45.2

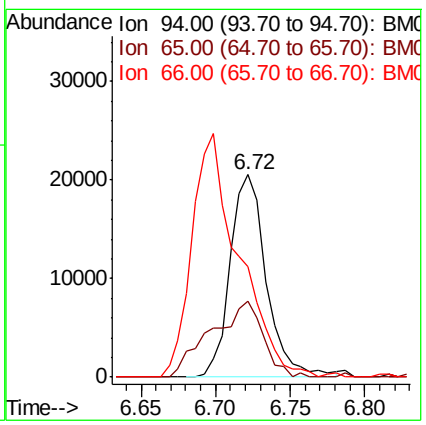


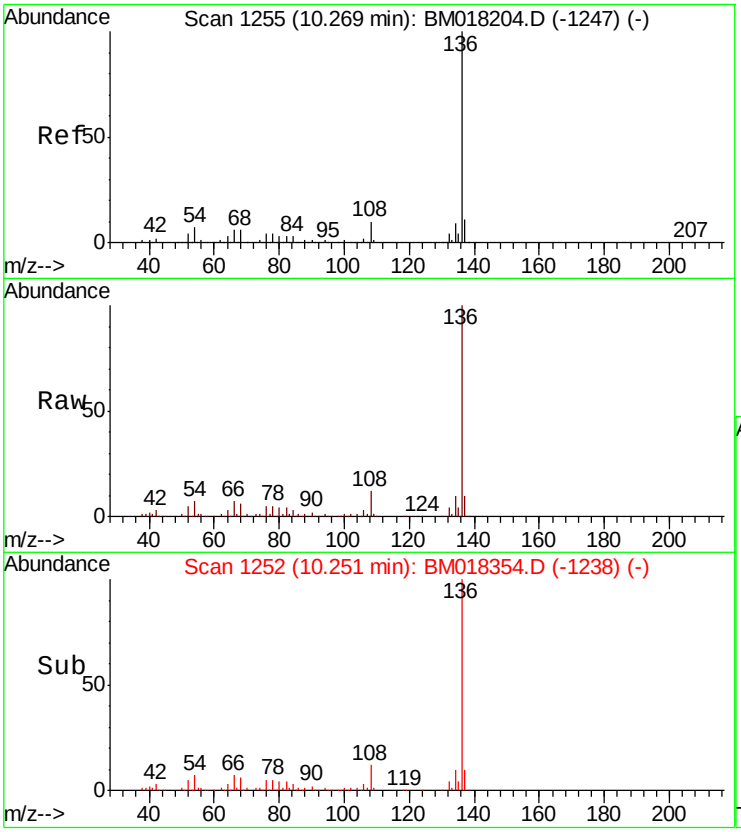


#10
Phenol
Concen: 3.344 ng
RT: 6.72 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 94 Resp: 34844

Ion	Ratio	Lower	Upper
94	100		
65	37.4	9.5	49.5
66	54.5	21.3	61.3



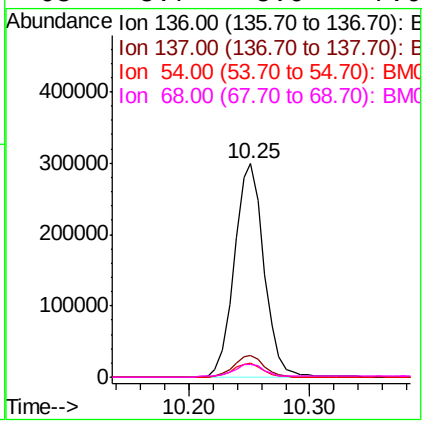


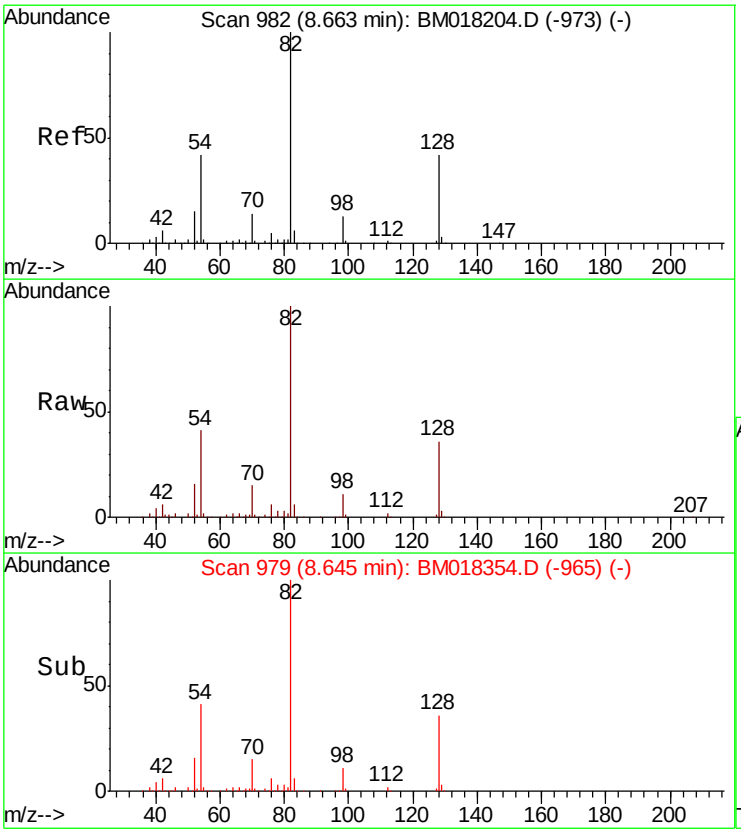
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Instrument :
BNA_M
ClientSampleId :
EB02_1.5-3.5

Tgt Ion:136 Resp: 512141

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	6.7	5.2	7.8
68	5.7	5.0	7.6

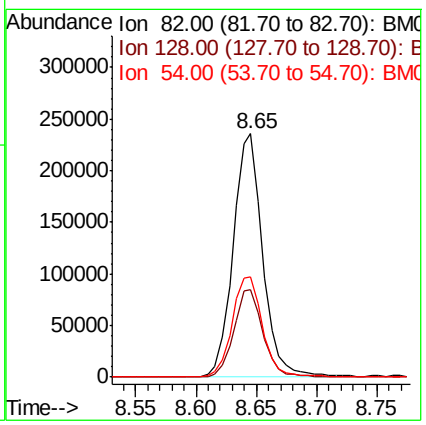


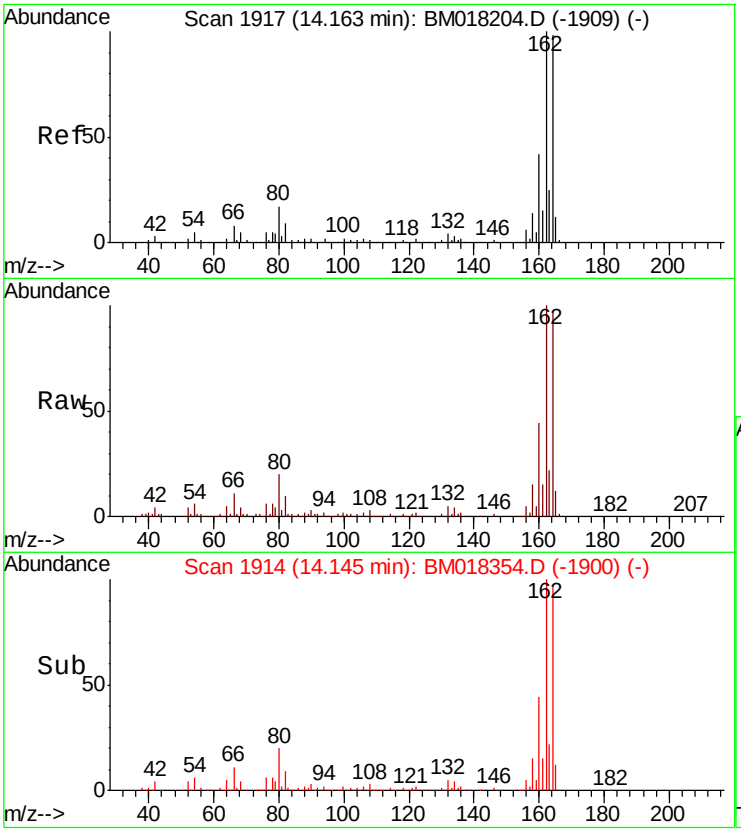


#23
Nitrobenzene-d5
Concen: 40.146 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 82 Resp: 400841

Ion	Ratio	Lower	Upper
82	100		
128	36.1	33.4	50.2
54	41.4	33.4	50.2



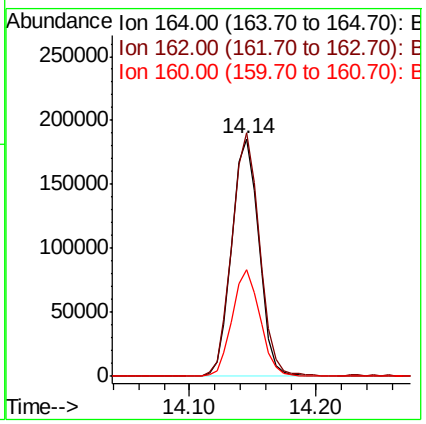


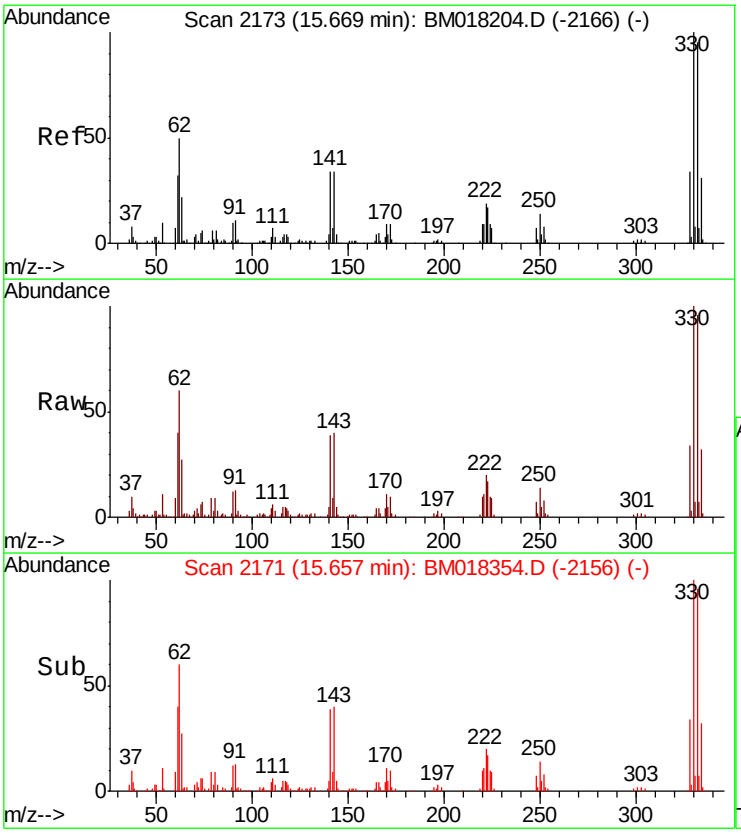
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Instrument :
BNA_M
ClientSampleId :
EB02_1.5-3.5

Tgt Ion:164 Resp: 275131

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	45.1	34.6	51.8

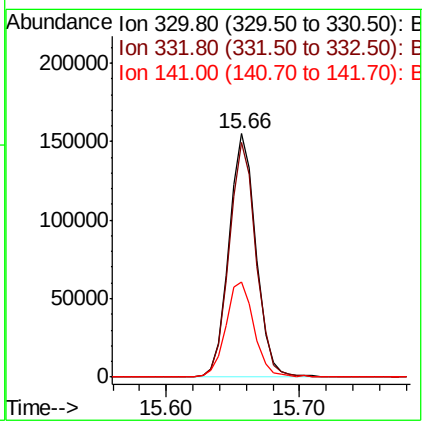


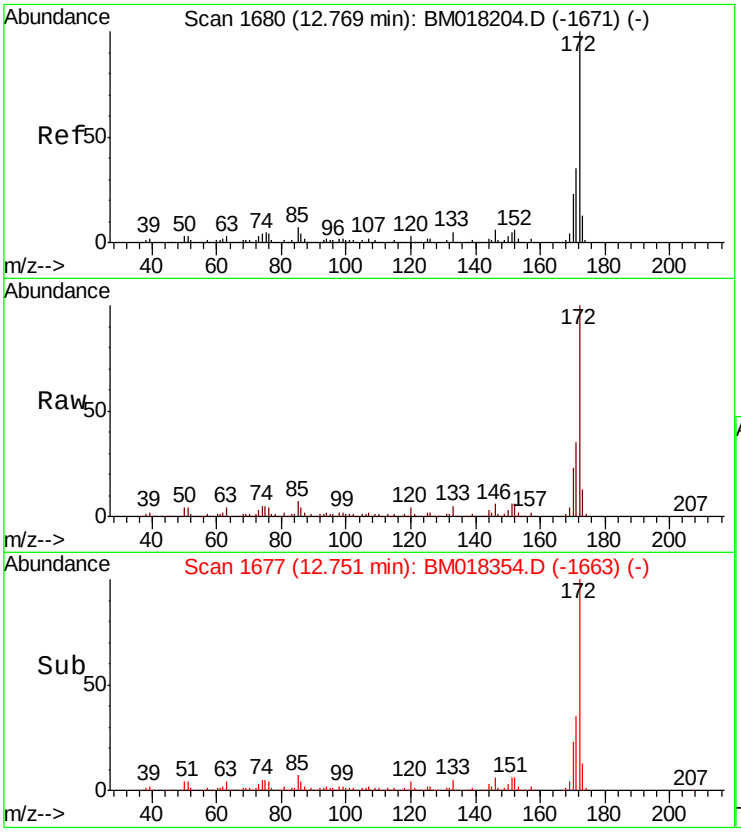


#42
2,4,6-Tribromophenol
Concen: 54.544 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Tgt Ion:330 Resp: 220258

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	118.0
141	40.4	27.1	40.7



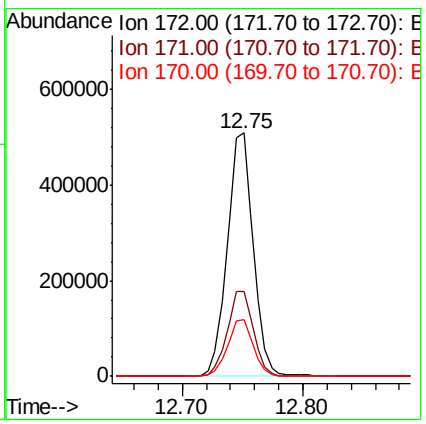


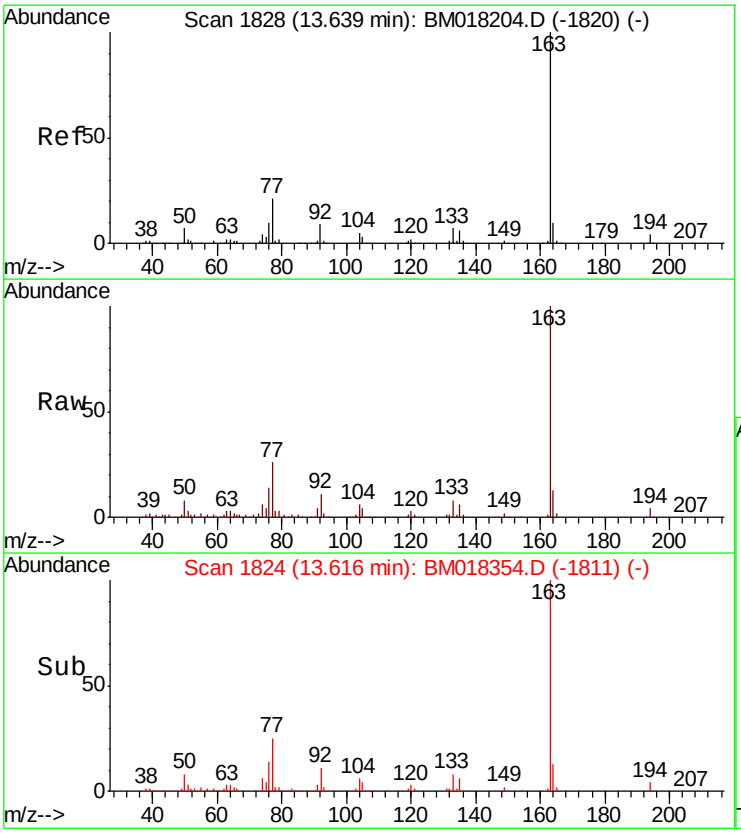
#45
2-Fluorobiphenyl
Concen: 35.847 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Instrument :
BNA_M
ClientSampleId :
EB02_1.5-3.5

Tgt Ion:172 Resp: 761462

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.2	18.1	27.1

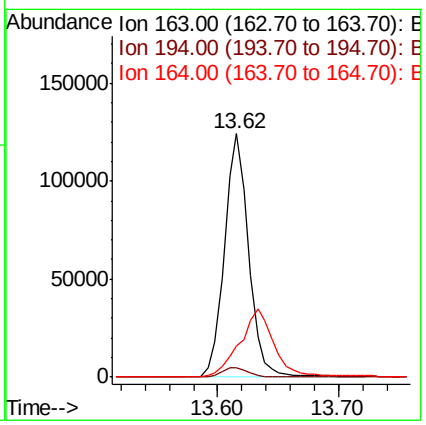


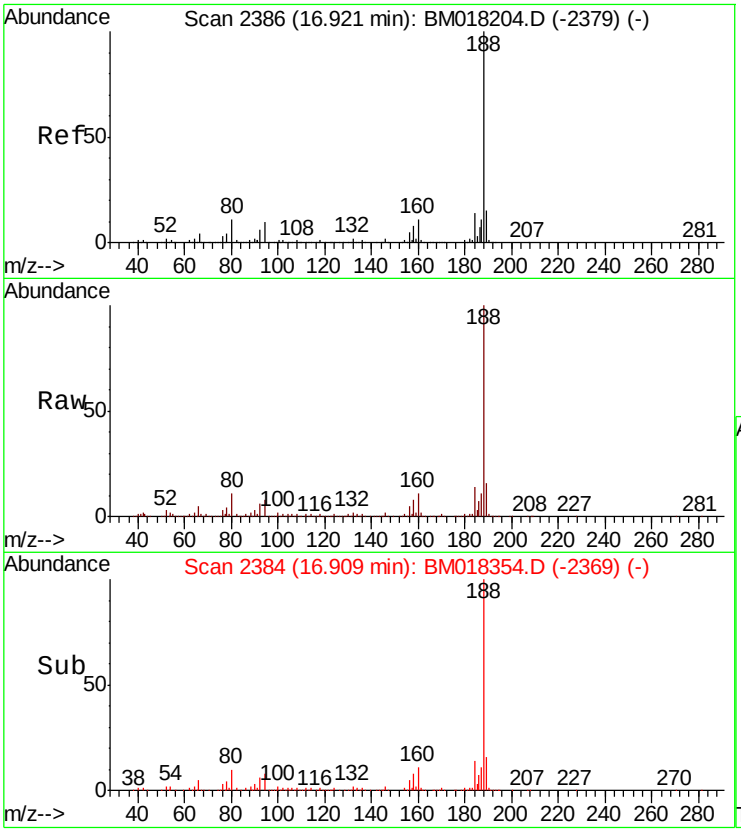


#50
Dimethylphthalate
Concen: 7.545 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Tgt Ion:163 Resp: 172585

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	13.0	7.9	11.9#



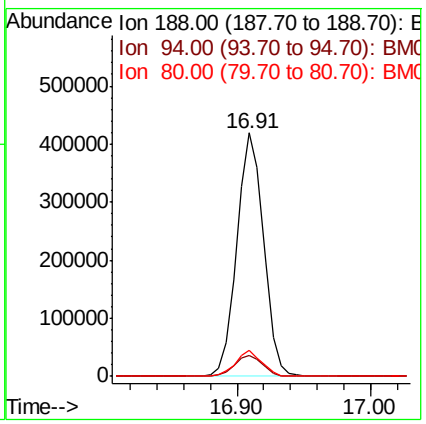


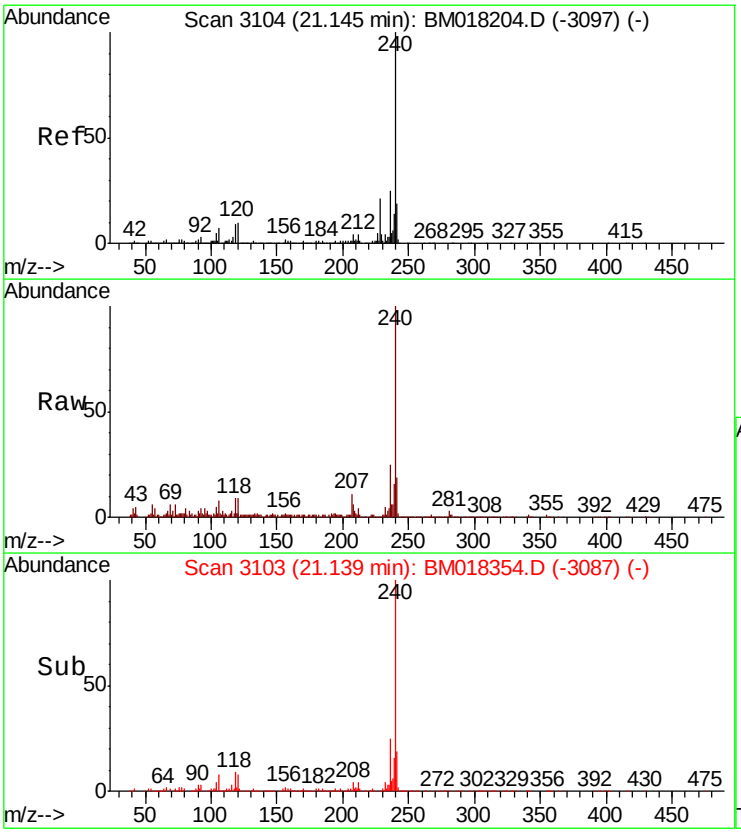
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Instrument :
BNA_M
ClientSampleId :
EB02_1.5-3.5

Tgt Ion:188 Resp: 580046

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.0	12.0
80	10.6	9.0	13.6

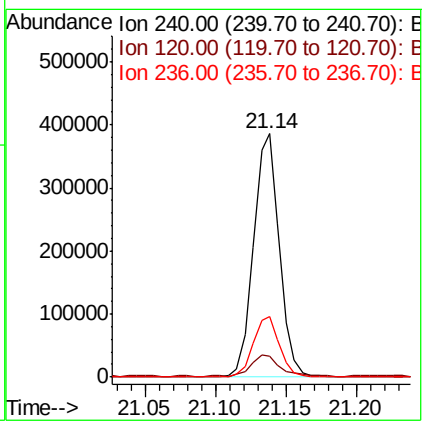


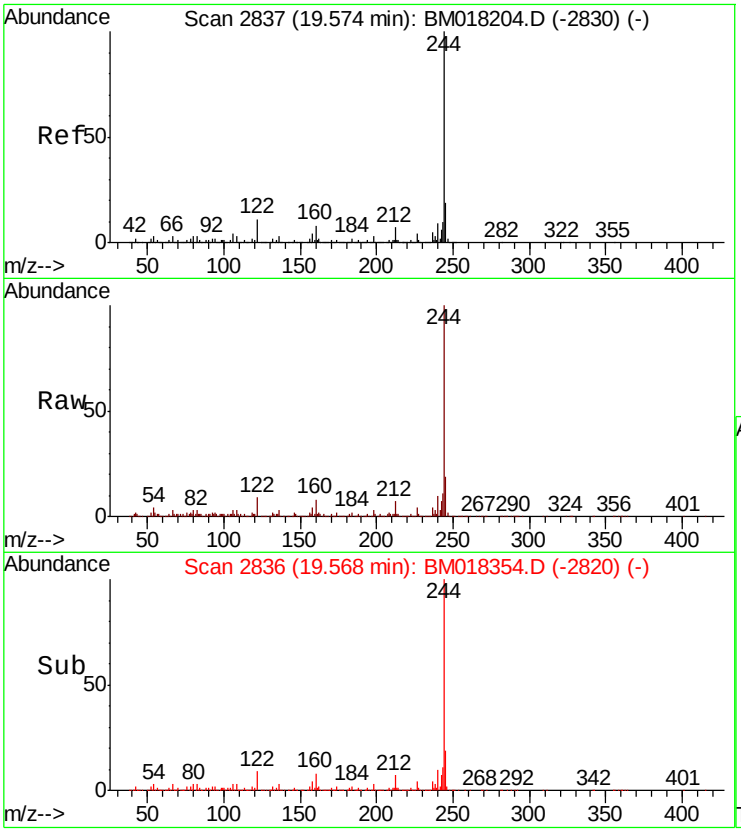


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Tgt Ion:240 Resp: 495596

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.2	12.2
236	24.8	20.3	30.5



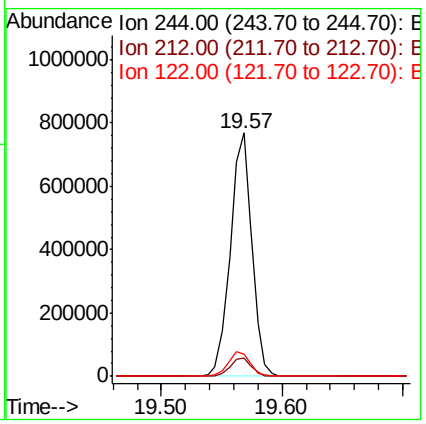


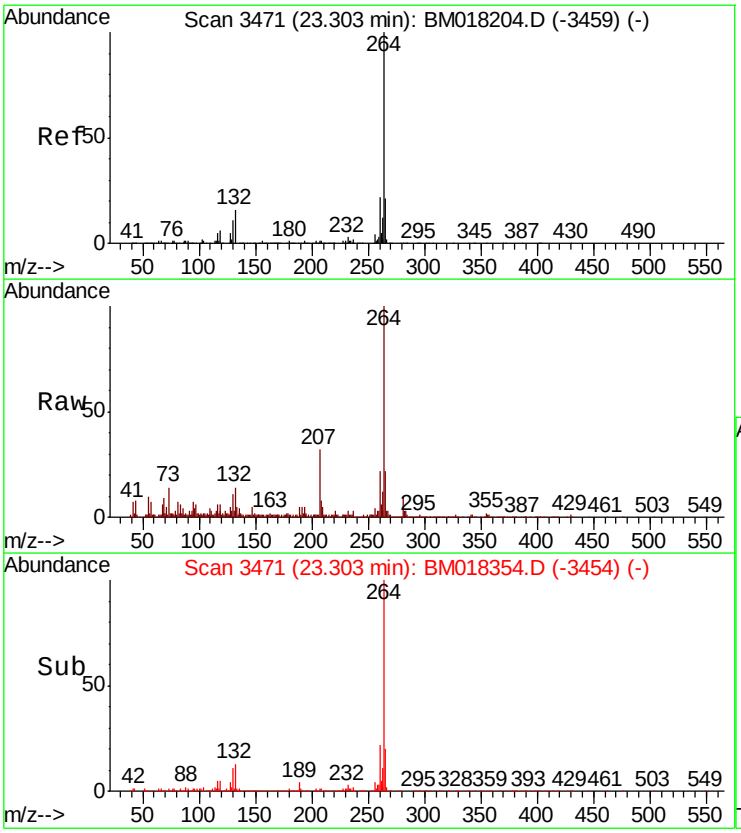
#79
Terphenyl-d14
Concen: 43.630 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Instrument :
BNA_M
ClientSampleId :
EB02_1.5-3.5

Tgt Ion:244 Resp: 956072

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	8.9	9.0	13.6#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018354.D
Acq: 21 Dec 2018 11:16

Tgt Ion:264 Resp: 503433

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.5	26.3
265	21.6	17.3	25.9