Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
Data File : BM018706.D
Acq On : 01 Feb 2019 13:55
Operator : JU/SJ
Sample : K1297-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A0C17-SS1

Quant Time: Feb 01 17:18:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	238749	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	911534	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	467579	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	1034532	20.00	ng	-0.02
76) Chrysene-d12	21.31	240	1282319	20.00	ng	-0.02
87) Perylene-d12	23.57	264	1338064	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1421001	109.90	ng	-0.02
7) Phenol-d6	6.89	99	1788367	108.90	ng	-0.02
23) Nitrobenzene-d5	8.89	82	1069261	68.00	ng	-0.02
42) 2,4,6-Tribromophenol	15.86	330	617032	103.64	ng	-0.02
45) 2-Fluorobiphenyl	12.98	172	1659957	46.32	ng	-0.02
79) Terphenyl-d14	19.75	244	2620672	43.08	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.92	94	117813	7.060	ng	96
50) Dimethylphthalate	13.83	163	258945	6.743	ng	99

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

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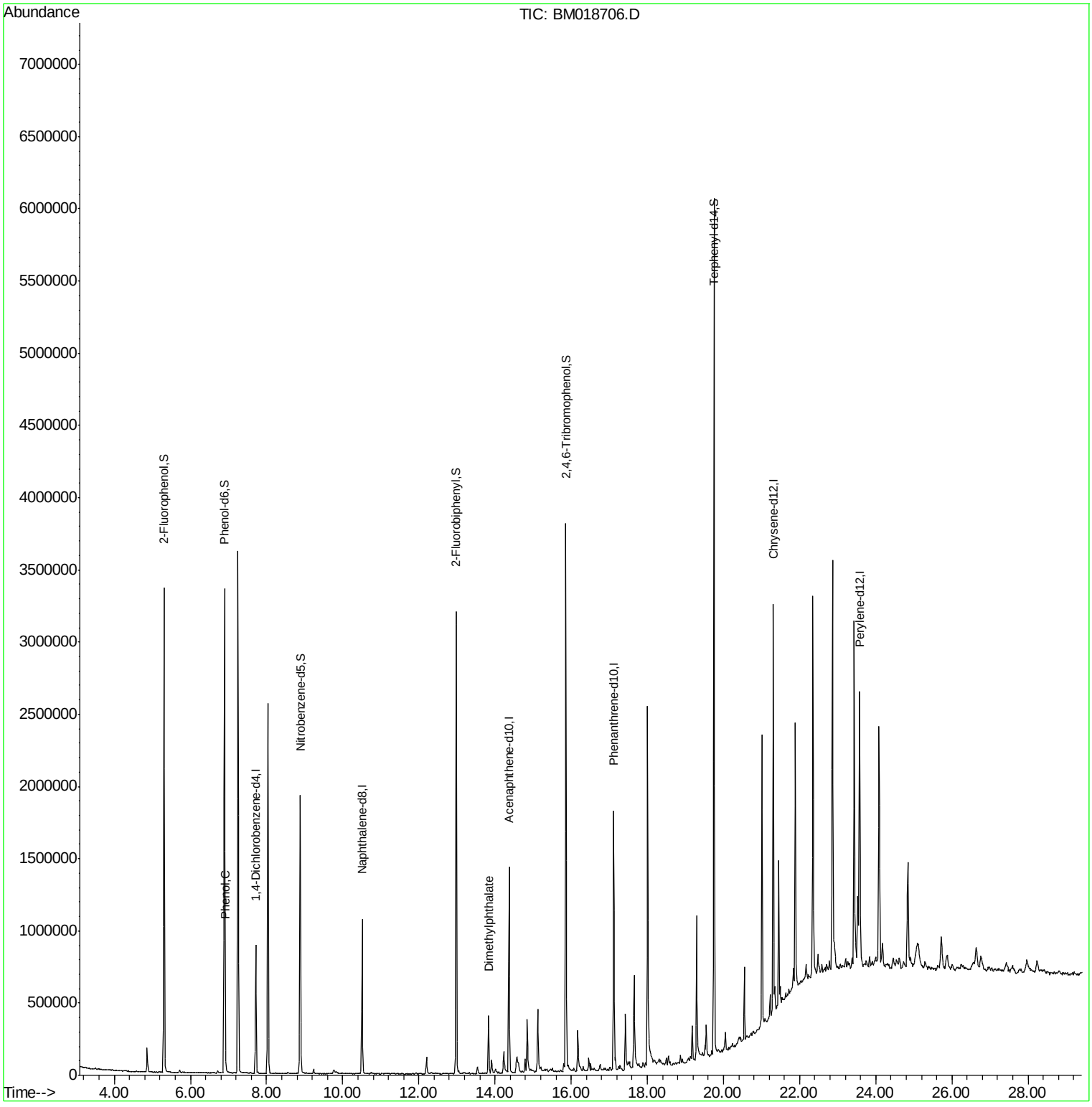
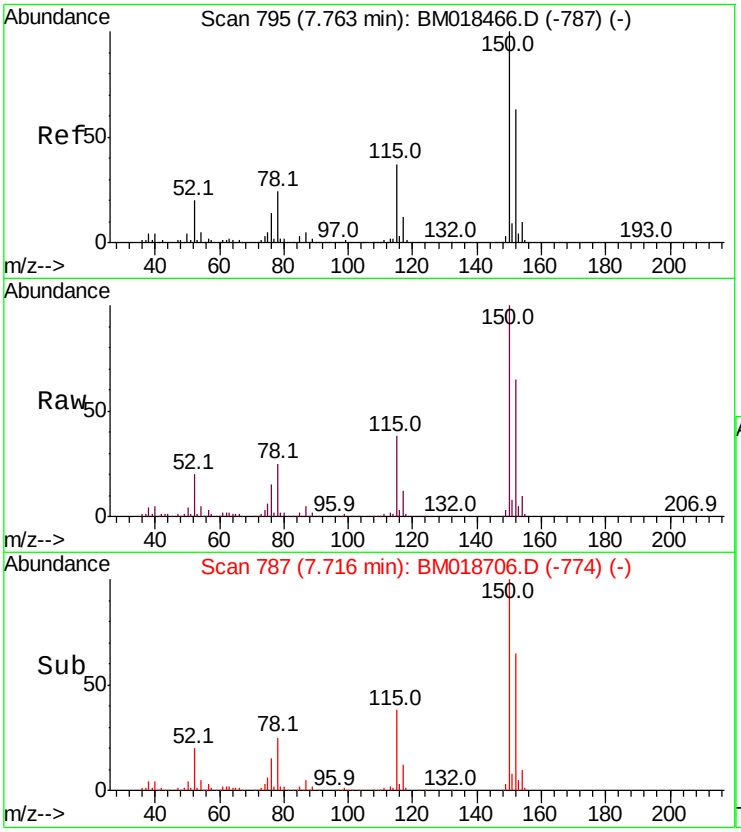


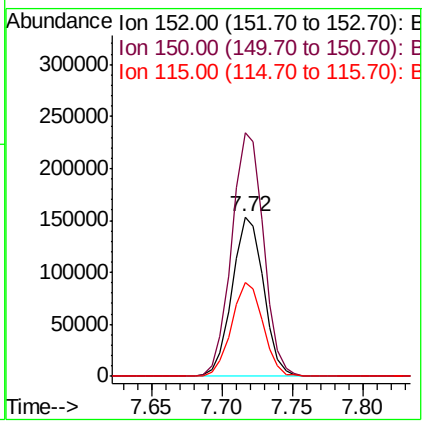


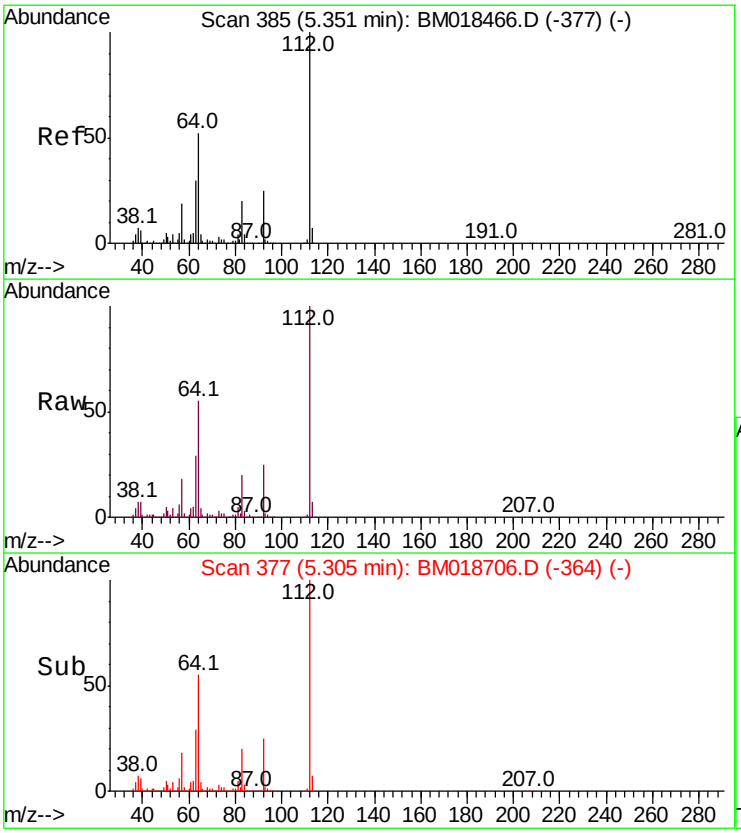
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Instrument :
BNA_M
ClientSampleId :
A0C17-SS1

Tgt Ion:152 Resp: 238749

Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.9	190.3
115	58.6	45.5	68.3

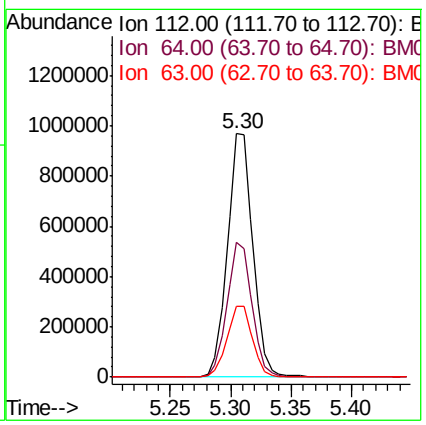


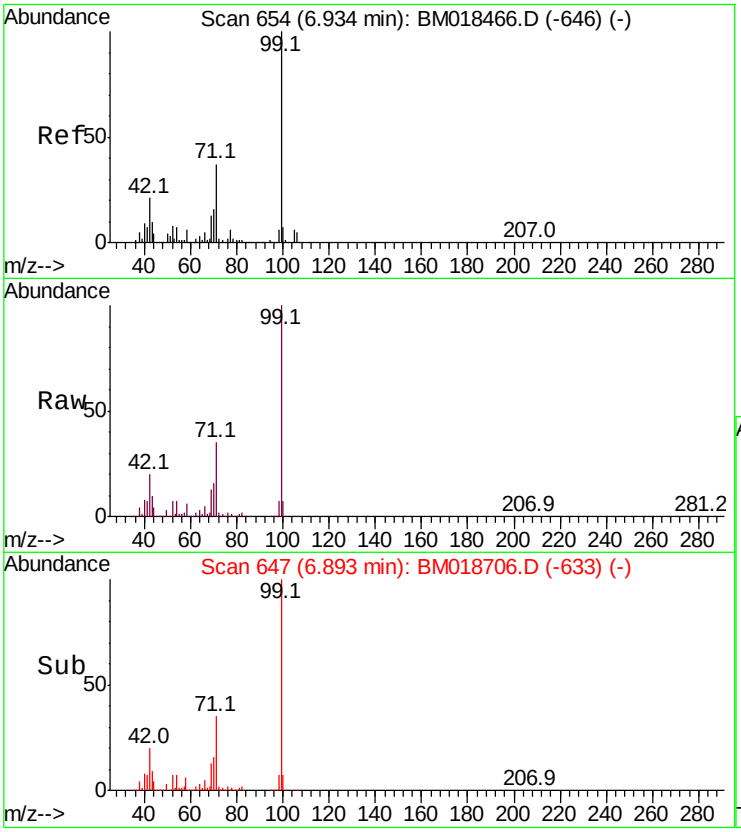


#5
2-Fluorophenol
Concen: 109.901 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Tgt Ion:112 Resp: 1421001

Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.5	69.7
63	29.3	25.2	37.8



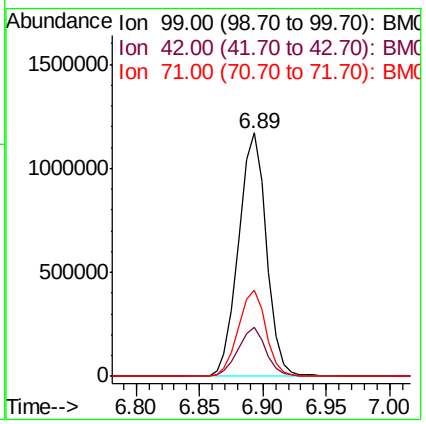


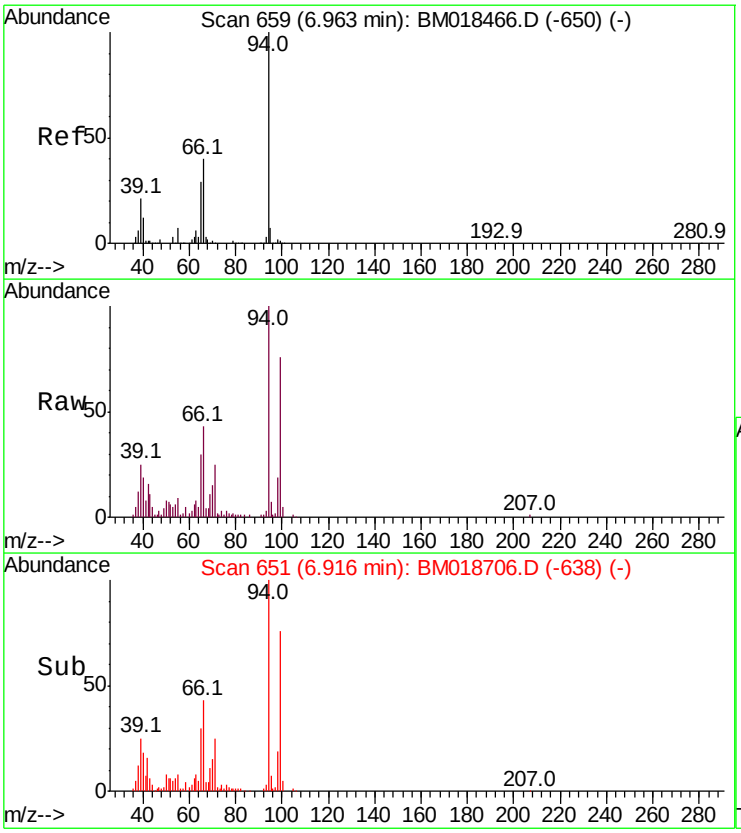
#7
Phenol-d6
Concen: 108.898 ng
RT: 6.89 min Scan# 647
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Instrument :
BNA_M
ClientSampleId :
A0C17-SS1

Tgt Ion: 99 Resp: 1788367

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.3	25.9
71	35.4	28.0	42.0

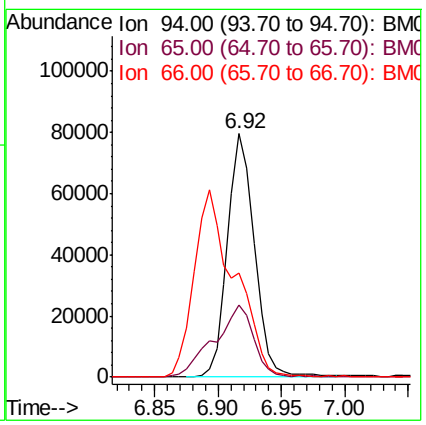


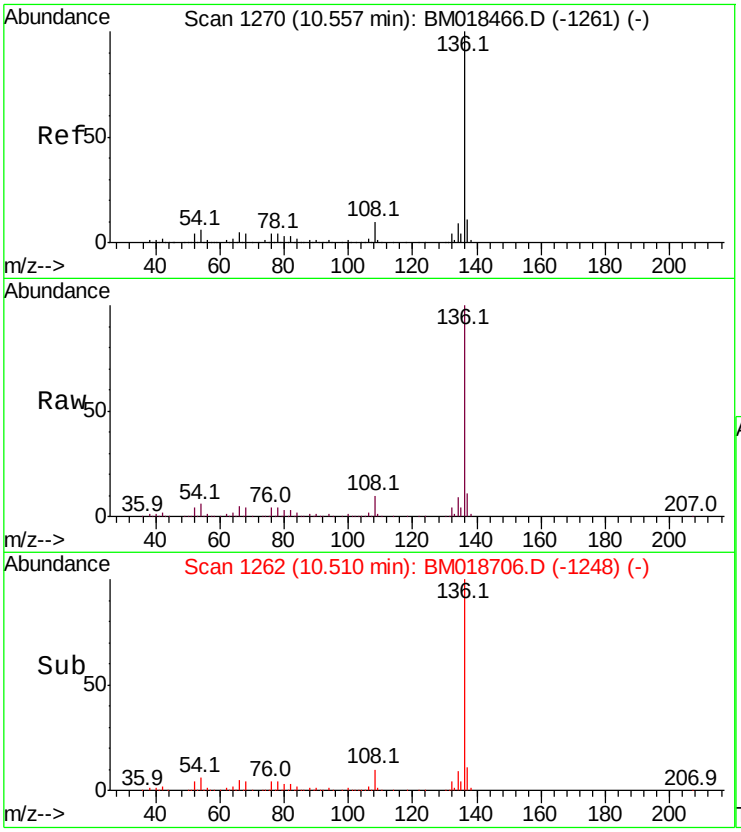


#10
Phenol
Concen: 7.060 ng
RT: 6.92 min Scan# 651
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Tgt Ion: 94 Resp: 117813

Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.4	49.4
66	42.8	19.1	59.1



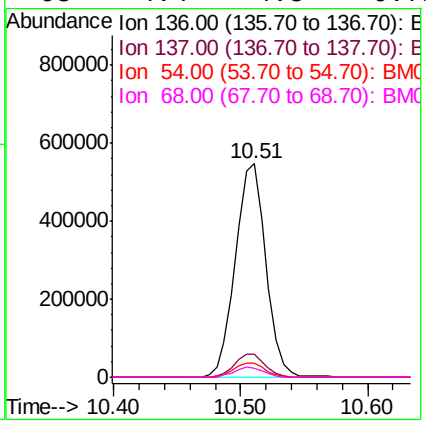


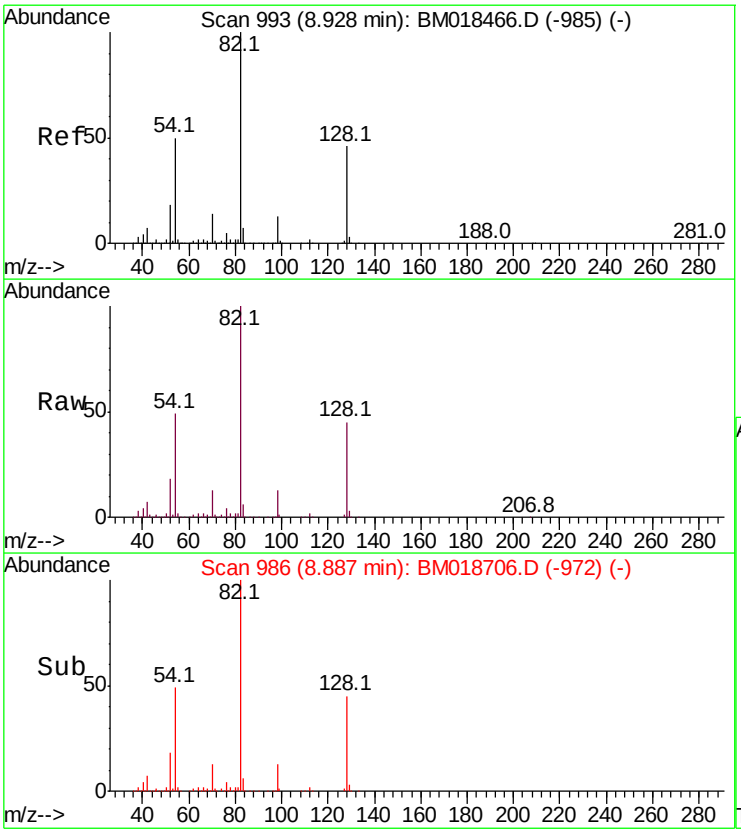
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Instrument :
BNA_M
ClientSampleId :
A0C17-SS1

Tgt Ion:136 Resp: 911534

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.4	6.0	9.0
68	4.4	4.5	6.7#

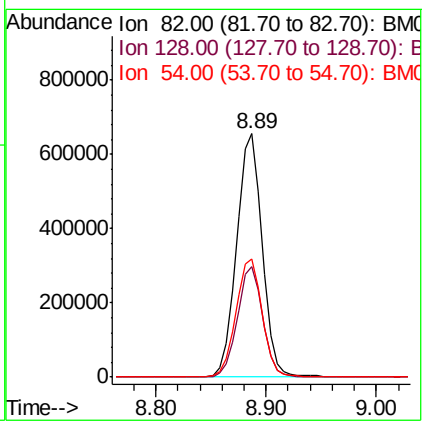


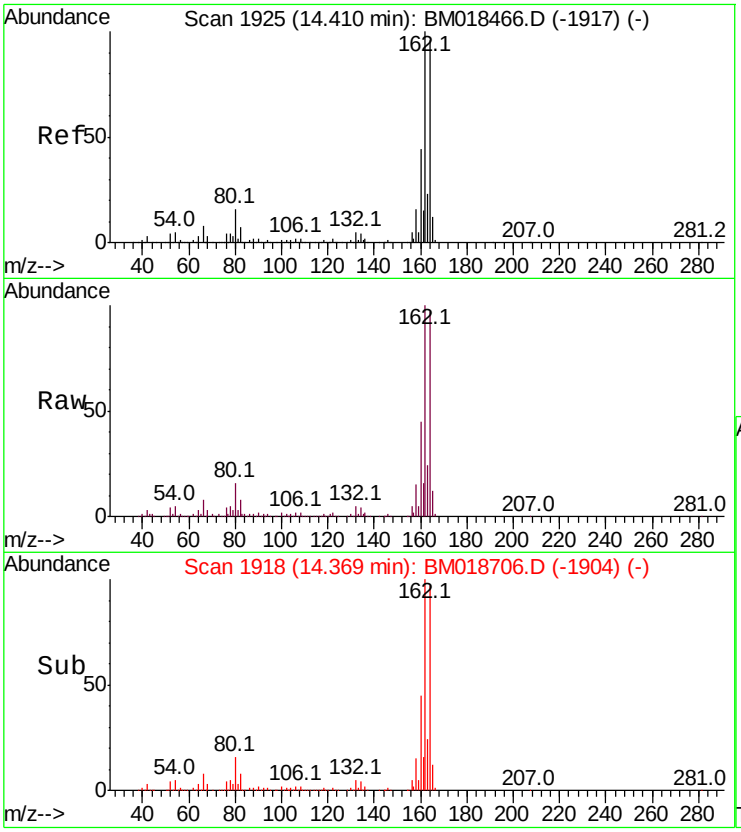


#23
Nitrobenzene-d5
Concen: 68.002 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Tgt Ion: 82 Resp: 1069261

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.3	54.5
54	48.6	41.7	62.5



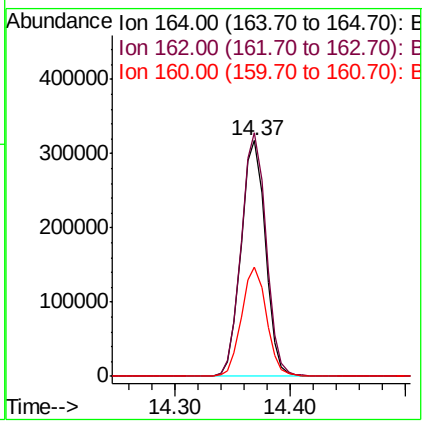


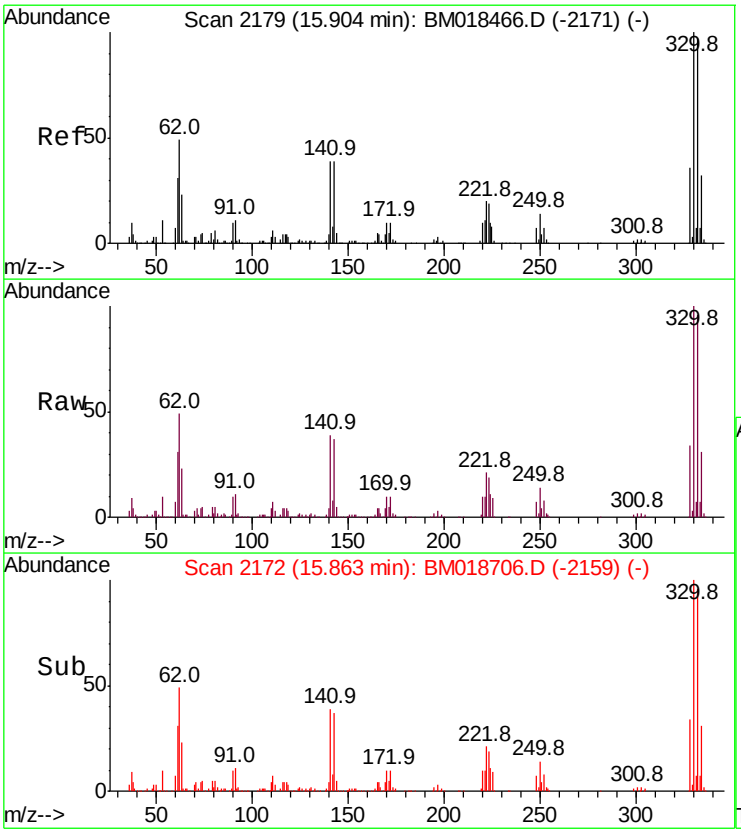
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Instrument :
BNA_M
ClientSampleId :
A0C17-SS1

Tgt Ion:164 Resp: 467579

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.4
160	46.4	37.1	55.7

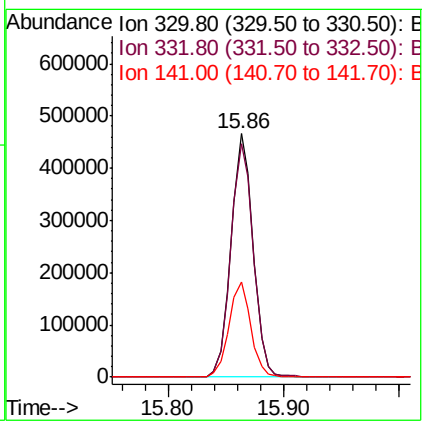


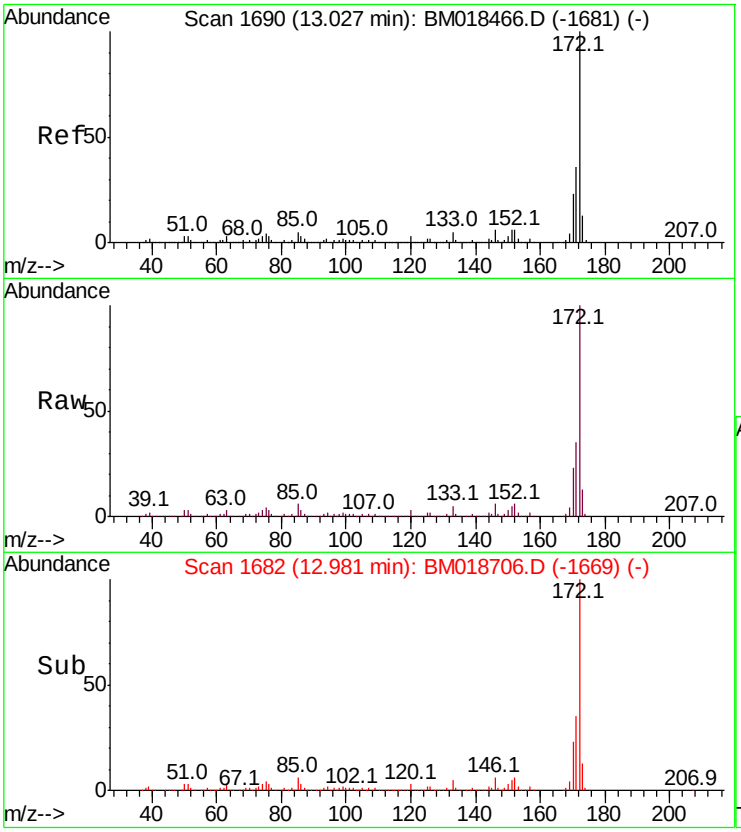


#42
2,4,6-Tribromophenol
Concen: 103.640 ng
RT: 15.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Tgt Ion:330 Resp: 617032

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.6	116.4
141	38.8	31.7	47.5



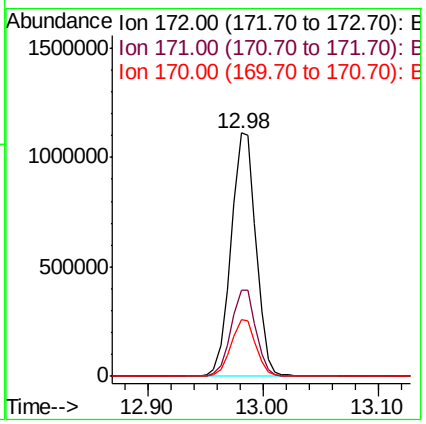


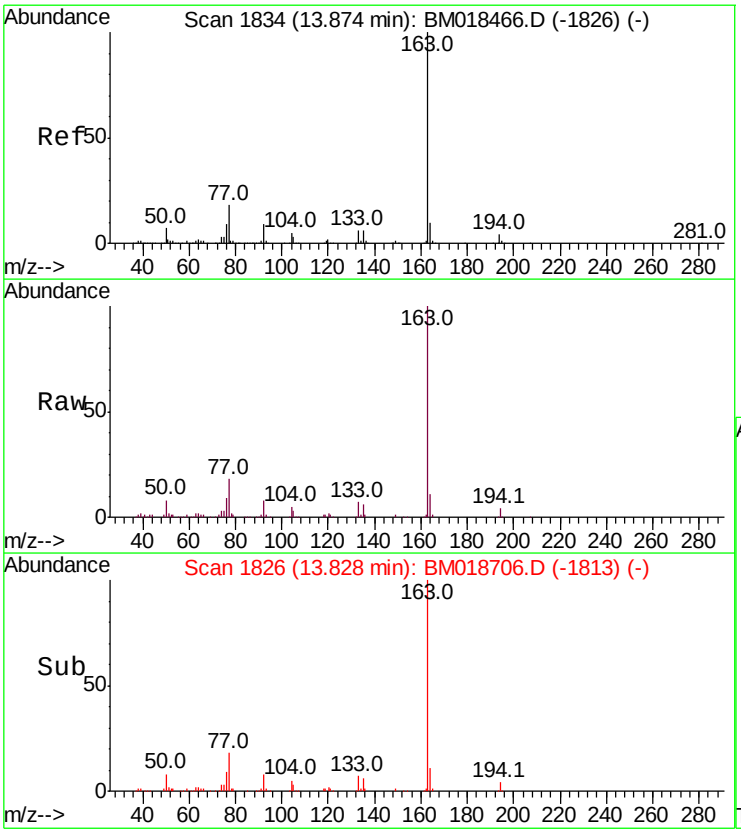
#45
2-Fluorobiphenyl
Concen: 46.324 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Instrument :
BNA_M
ClientSampleId :
A0C17-SS1

Tgt Ion:172 Resp: 1659957

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.2	18.9	28.3

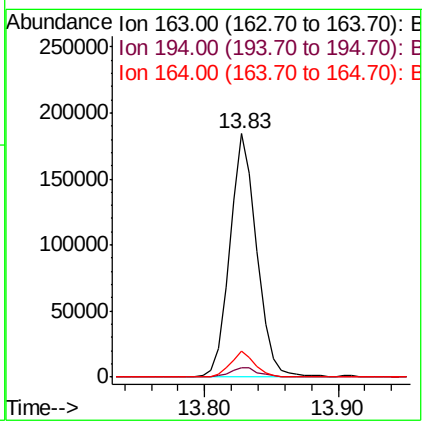


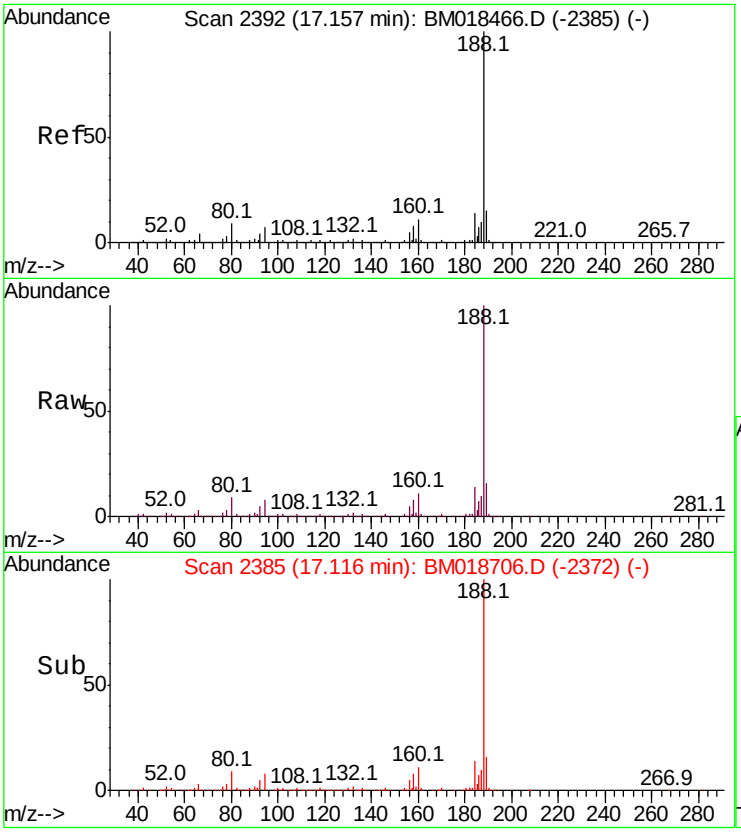


#50
Dimethylphthalate
Concen: 6.743 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Tgt Ion:163 Resp: 258945

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.5	7.8	11.8



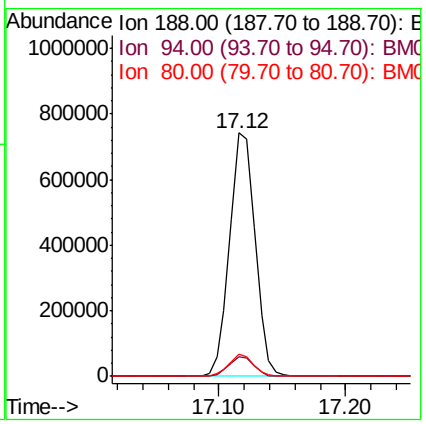


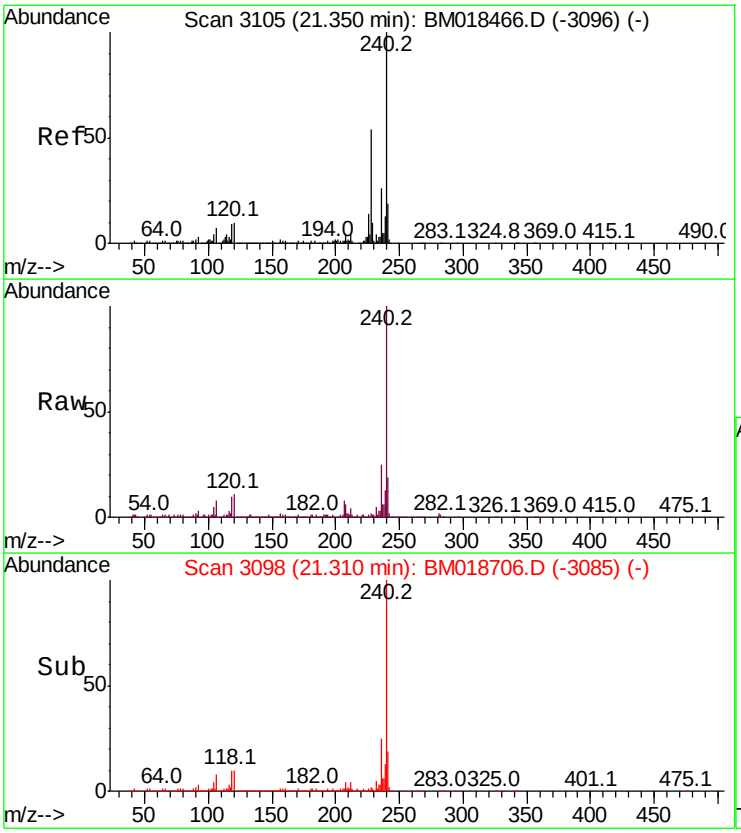
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Instrument :
BNA_M
ClientSampleId :
A0C17-SS1

Tgt Ion:188 Resp: 1034532

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.1	10.7
80	9.0	7.6	11.4

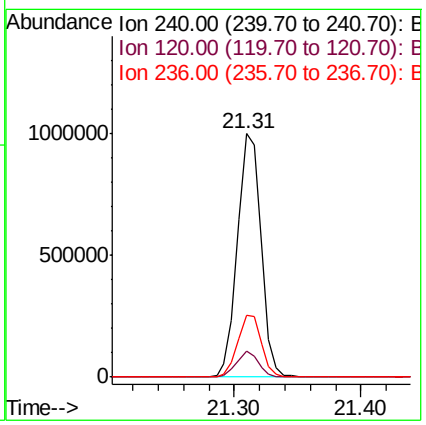


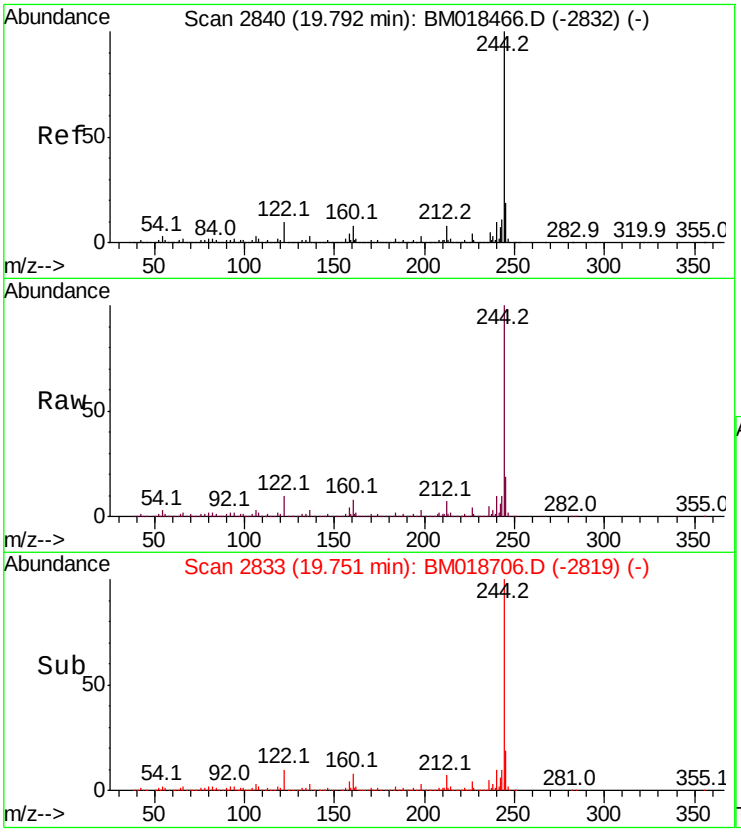


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Tgt Ion:240 Resp: 1282319

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	25.4	20.7	31.1



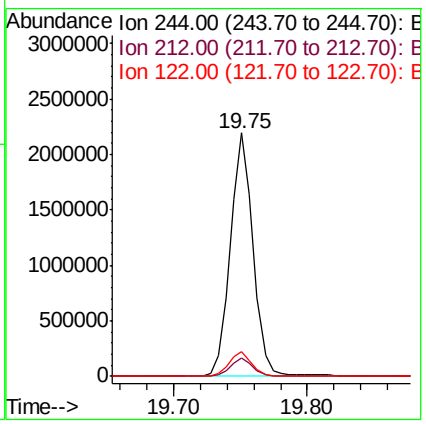


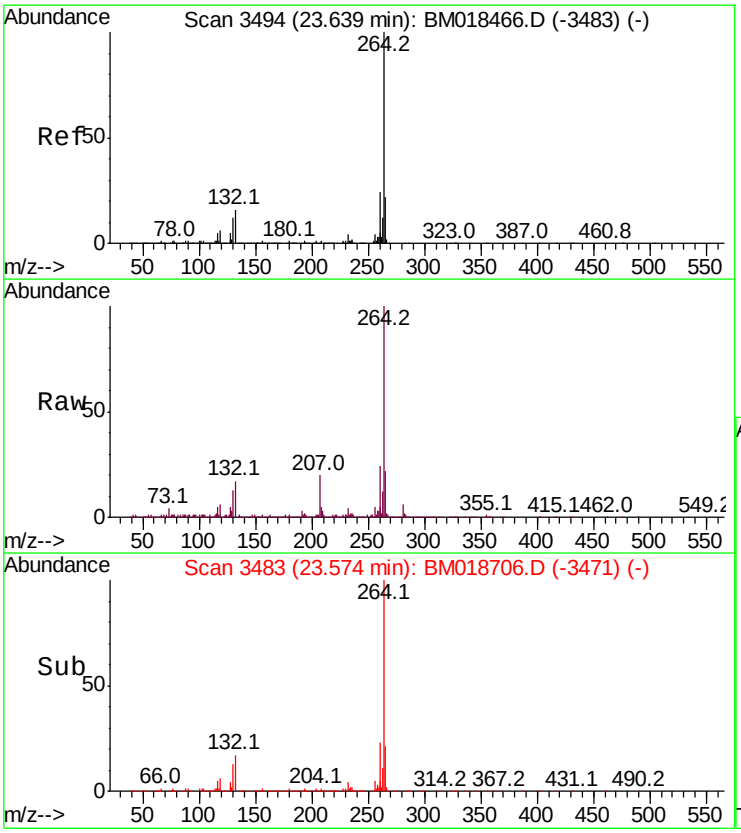
#79
Terphenyl-d14
Concen: 43.082 ng
RT: 19.75 min Scan# 2833
Delta R.T. -0.02 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Instrument :
BNA_M
ClientSampleId :
A0C17-SS1

Tgt Ion:244 Resp: 2620672

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3483
Delta R.T. -0.03 min
Lab File: BM018706.D
Acq: 01 Feb 2019 13:55

Tgt Ion:264 Resp: 1338064

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.8	16.8	25.2