Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018481.D
Acq On : 09 Jan 2019 20:06
Operator : JU/SJ
Sample : K1006-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JC-03-010819-J

Quant Time: Jan 10 06:21:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	657113	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2808171	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1616362	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3636019	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2742723	20.00	ng	0.00
87) Perylene-d12	23.64	264	2635963	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1751537	49.22	ng	0.00
7) Phenol-d6	6.94	99	2357753	52.16	ng	0.00
23) Nitrobenzene-d5	8.93	82	1433850	29.60	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	963291	46.81	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	3467428	27.99	ng	0.00
79) Terphenyl-d14	19.80	244	4531624	34.83	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.96	94	101630	2.213	ng	89
50) Dimethylphthalate	13.87	163	402378	3.031	ng	99

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

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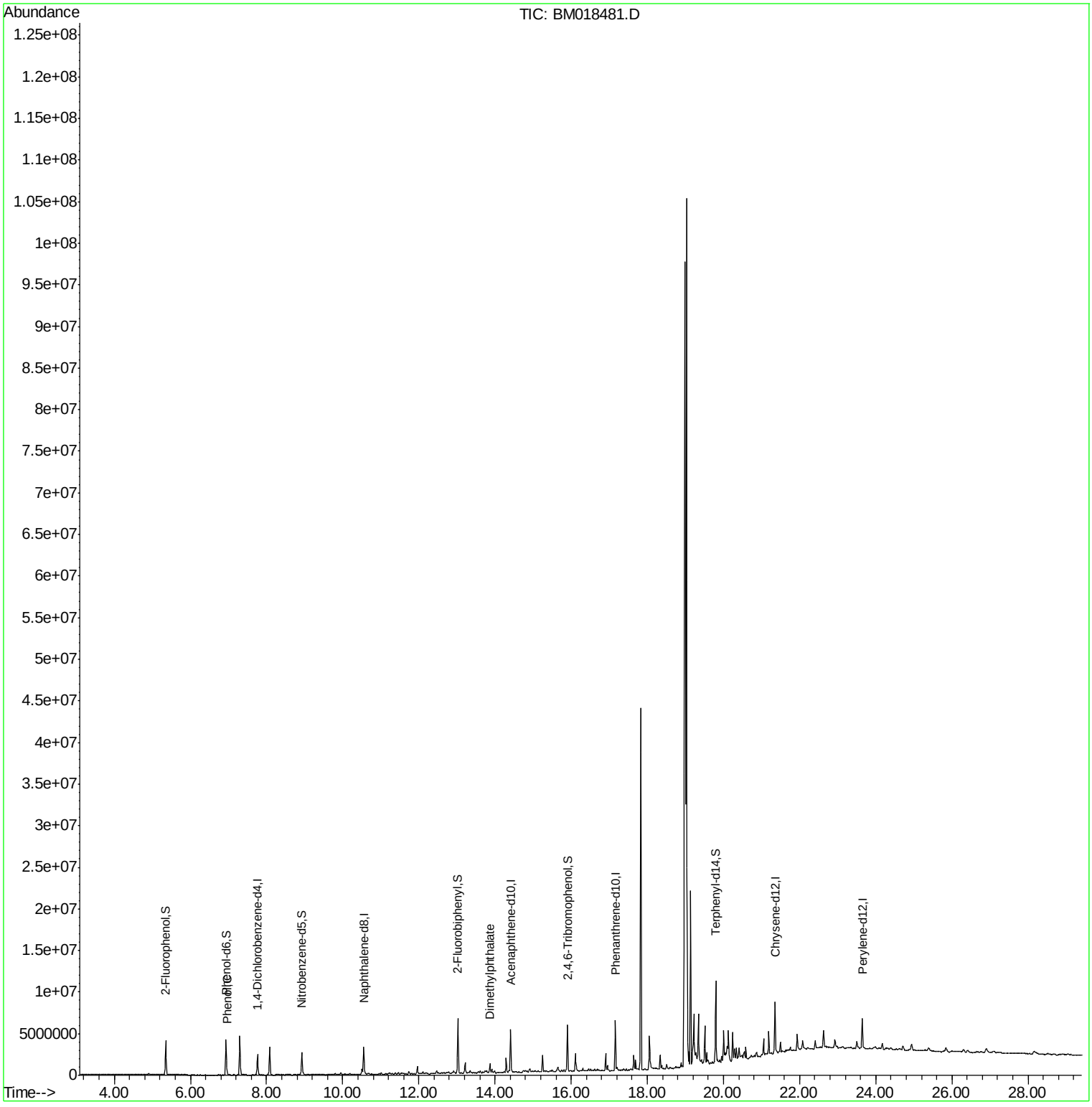
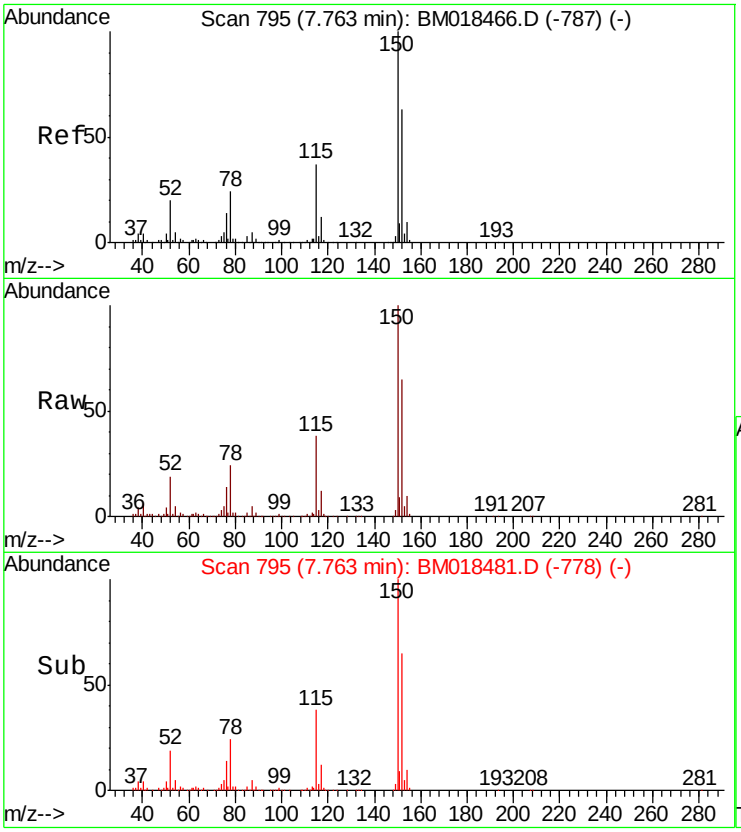


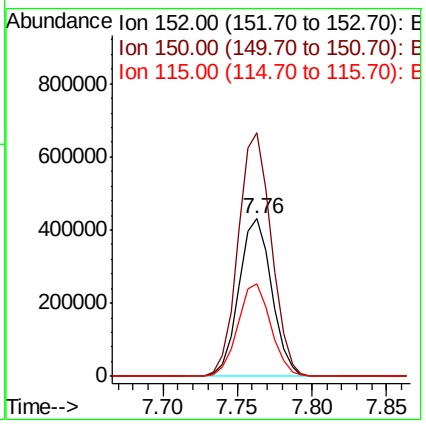


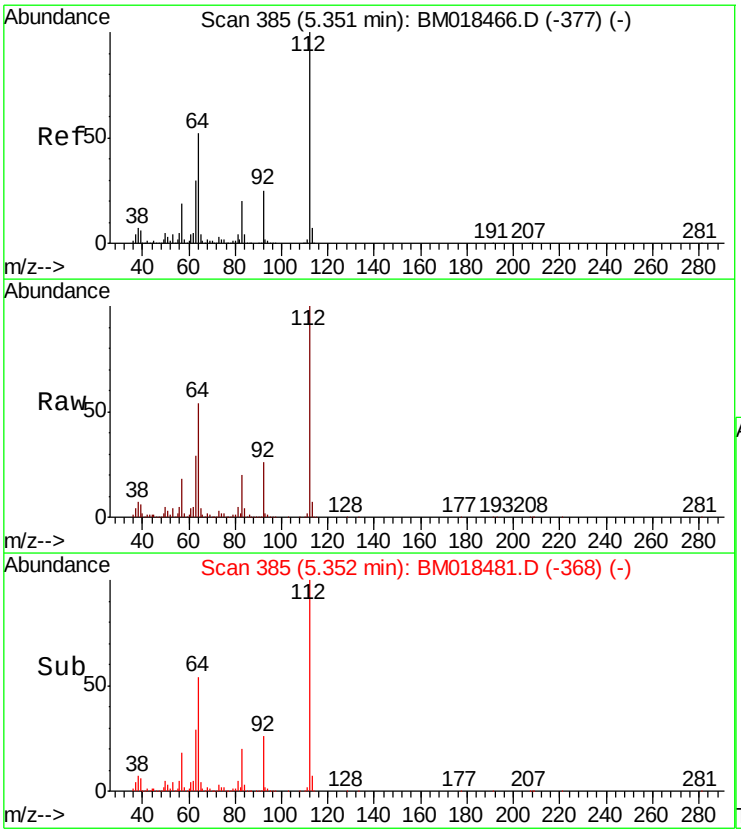
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-J

Tgt Ion:152 Resp: 657113

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.9	190.3
115	58.8	45.5	68.3

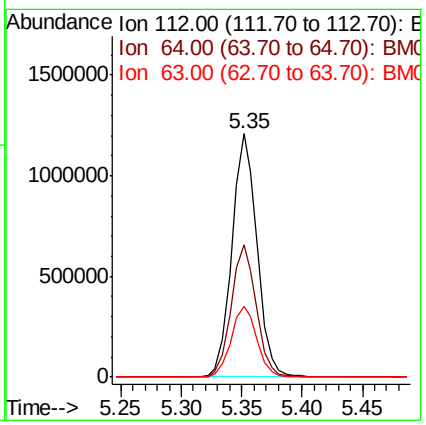


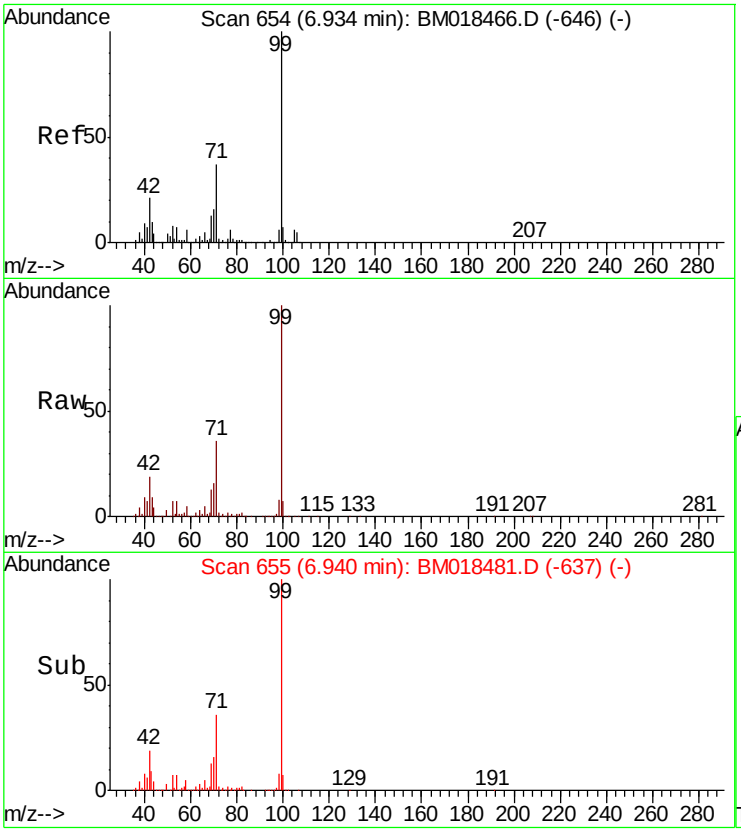


#5
2-Fluorophenol
Concen: 49.218 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Tgt Ion:112 Resp: 1751537

Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.5	69.7
63	29.0	25.2	37.8



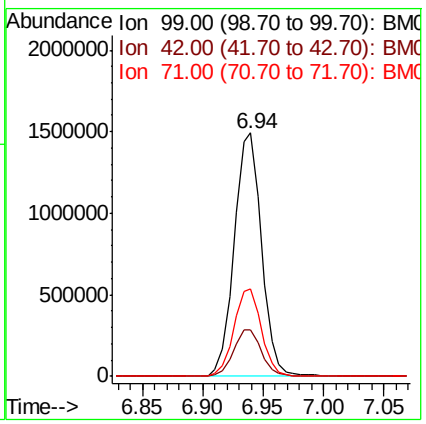


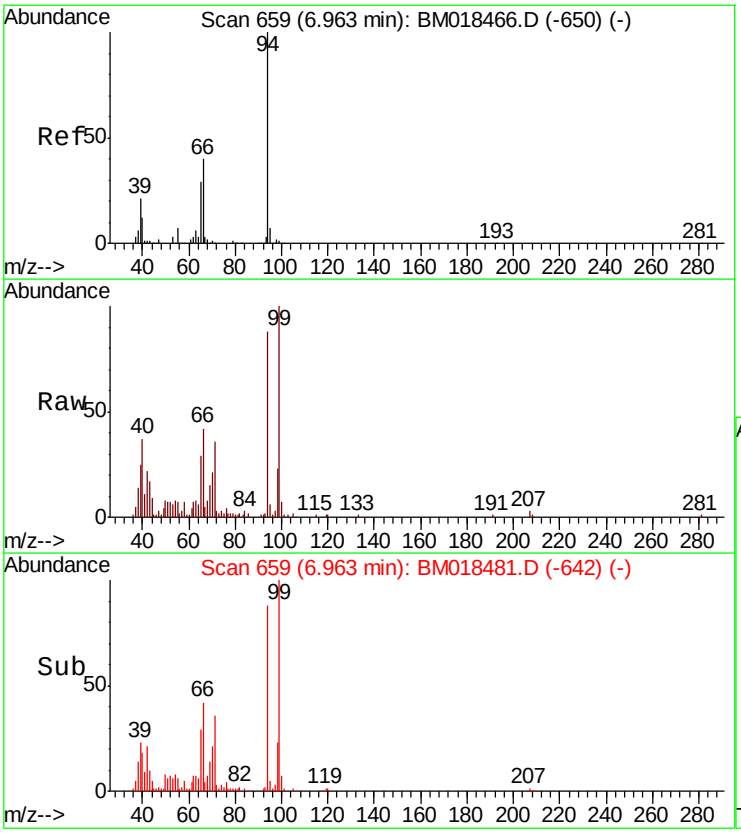
#7
Phenol-d6
Concen: 52.163 ng
RT: 6.94 min Scan# 655
Delta R.T. 0.01 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-J

Tgt Ion: 99 Resp: 2357753

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.3	25.9
71	35.9	28.0	42.0

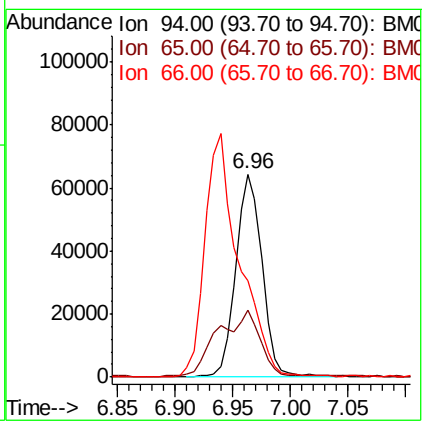


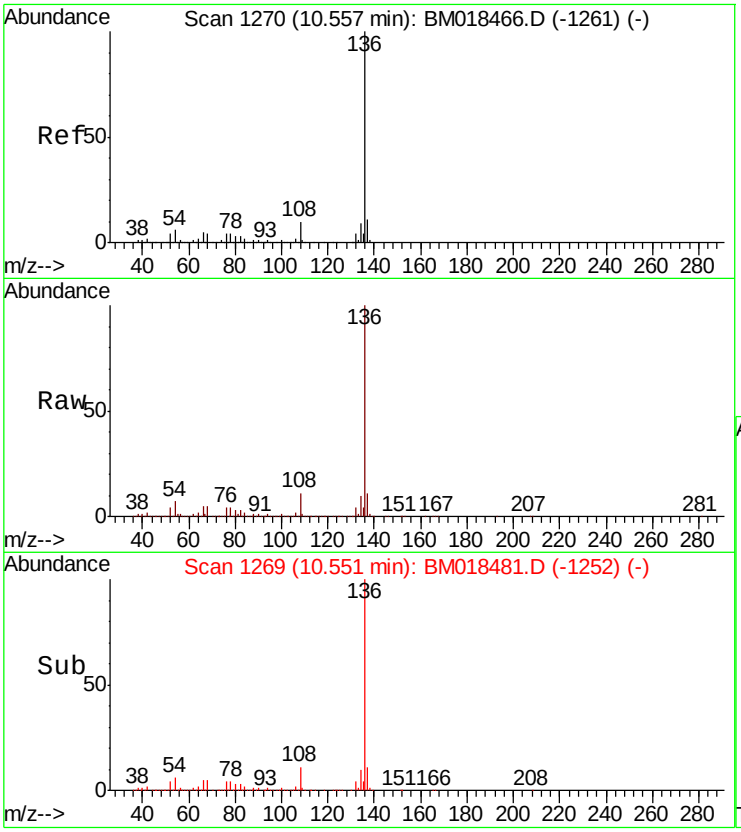


#10
Phenol
Concen: 2.213 ng
RT: 6.96 min Scan# 659
Delta R.T. -0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Tgt Ion: 94 Resp: 101630

Ion	Ratio	Lower	Upper
94	100		
65	33.2	9.4	49.4
66	47.6	19.1	59.1



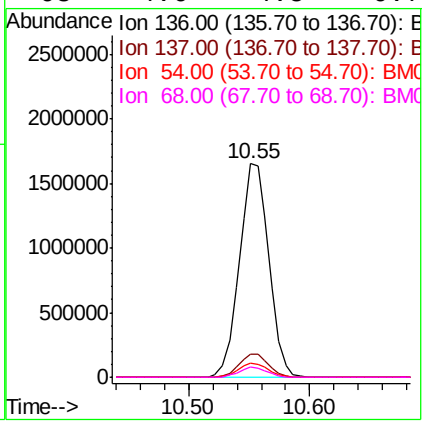


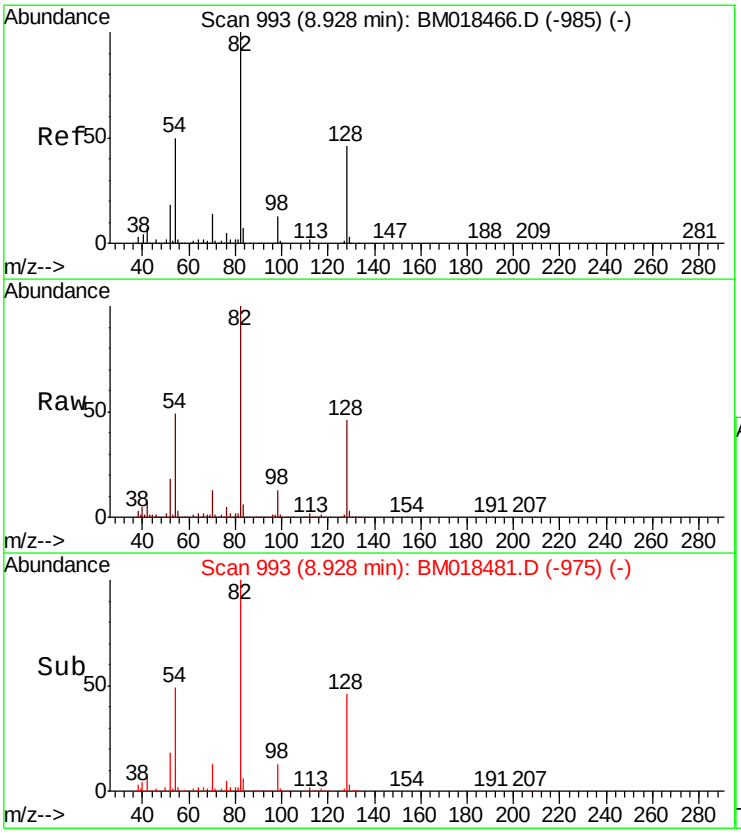
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Instrument : BNA_M
ClientSampleId : JC-03-010819-J

Tgt Ion:136 Resp: 2808171

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.5	6.0	9.0
68	4.6	4.5	6.7

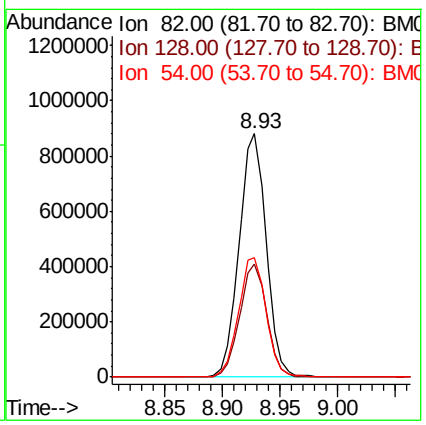


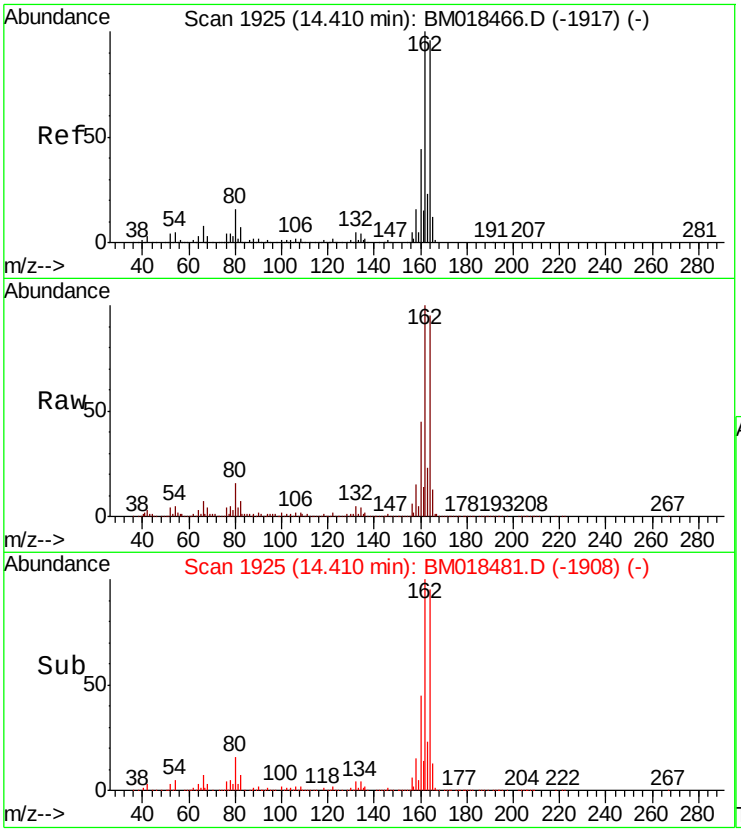


#23
Nitrobenzene-d5
Concen: 29.600 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Tgt Ion: 82 Resp: 1433850

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	49.2	41.7	62.5



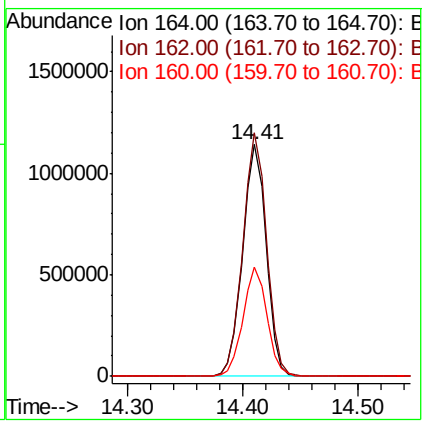


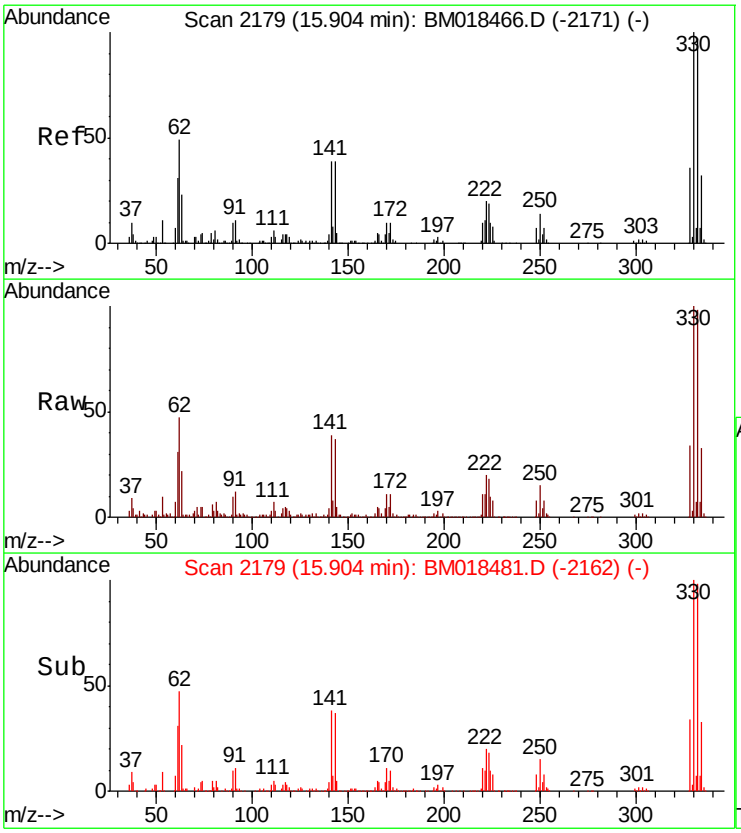
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-J

Tgt Ion:164 Resp: 1616362

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.4
160	46.9	37.1	55.7

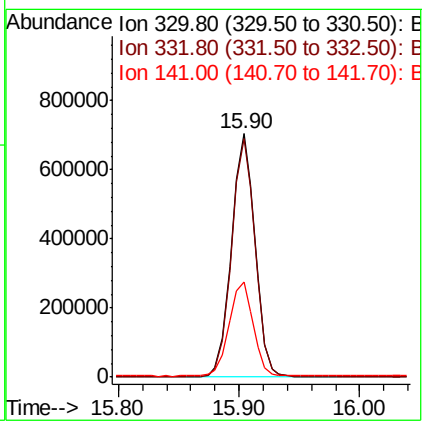


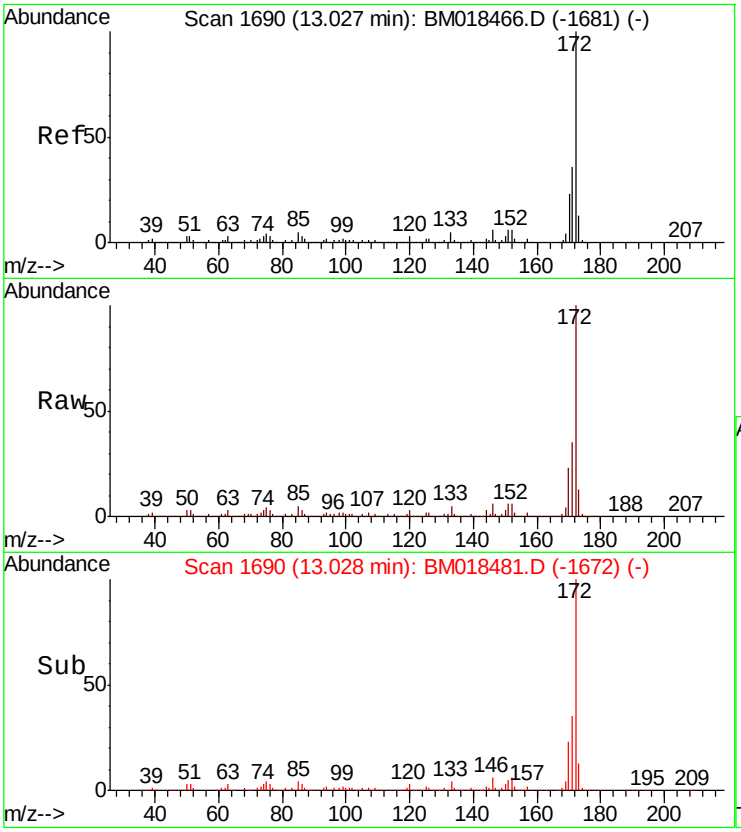


#42
2,4,6-Tribromophenol
Concen: 46.805 ng
RT: 15.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Tgt Ion:330 Resp: 963291

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.6	116.4
141	39.6	31.7	47.5



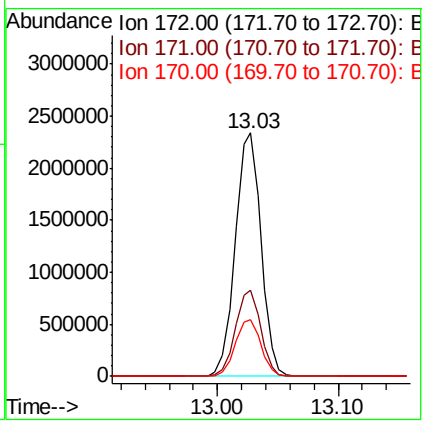


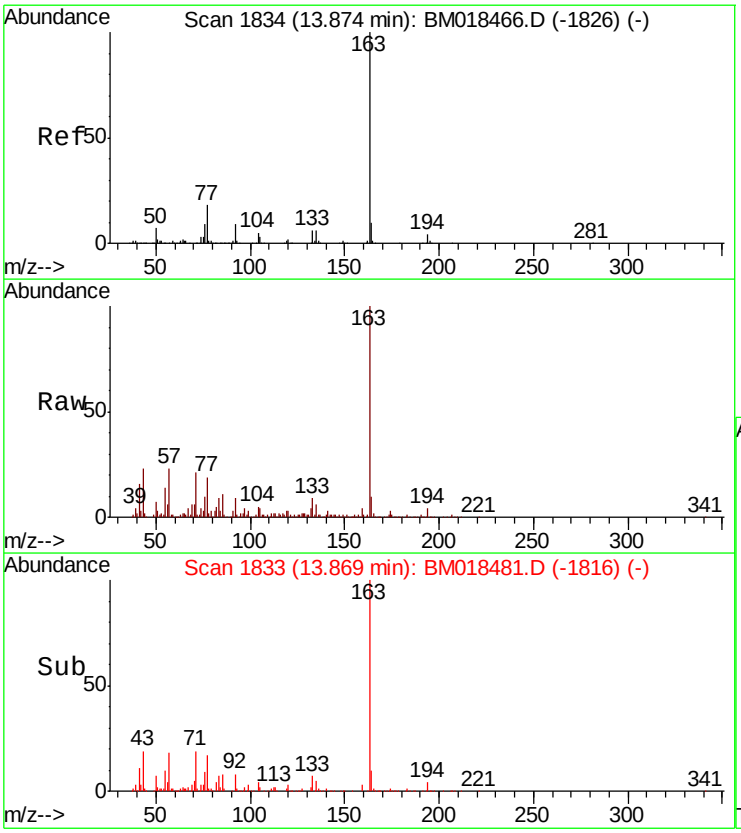
#45
2-Fluorobiphenyl
Concen: 27.992 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-J

Tgt Ion:172 Resp: 3467428

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.4	18.9	28.3

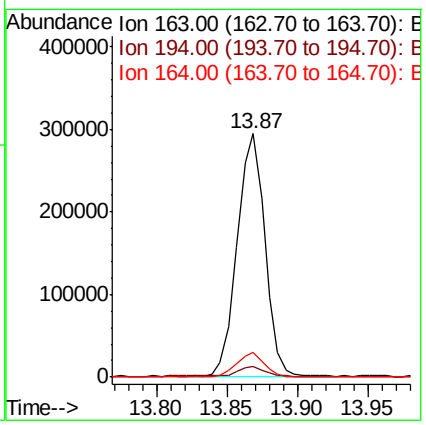


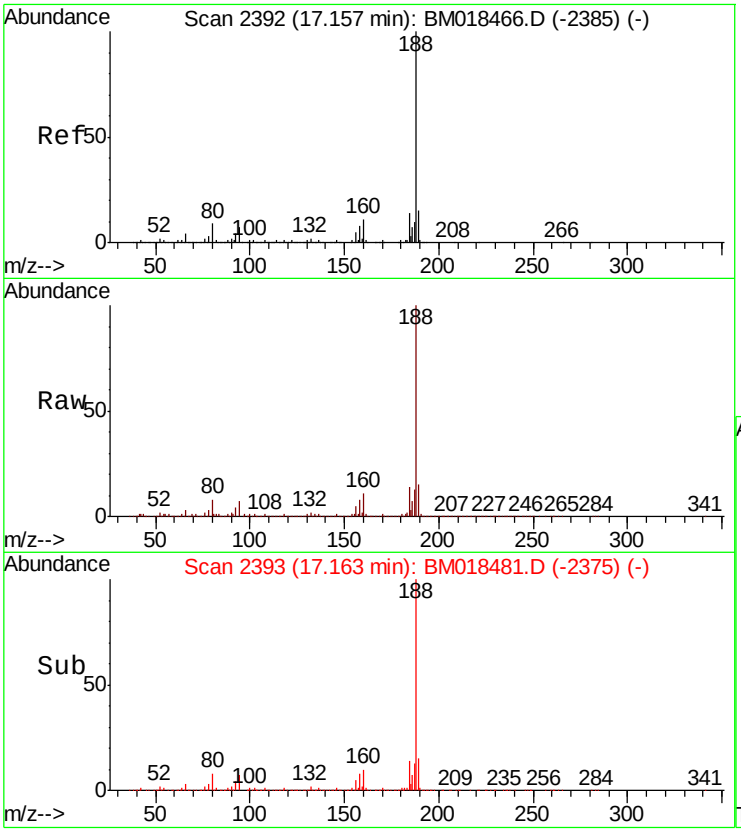


#50
Dimethylphthalate
Concen: 3.031 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Tgt Ion:163 Resp: 402378

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.2	7.8	11.8



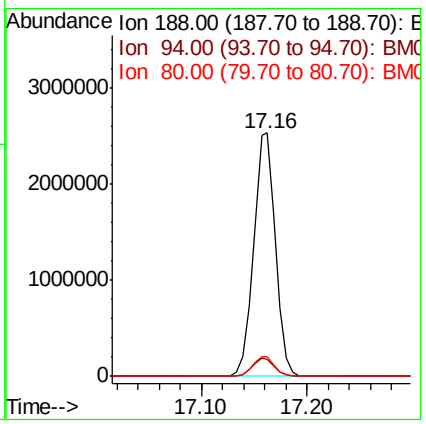


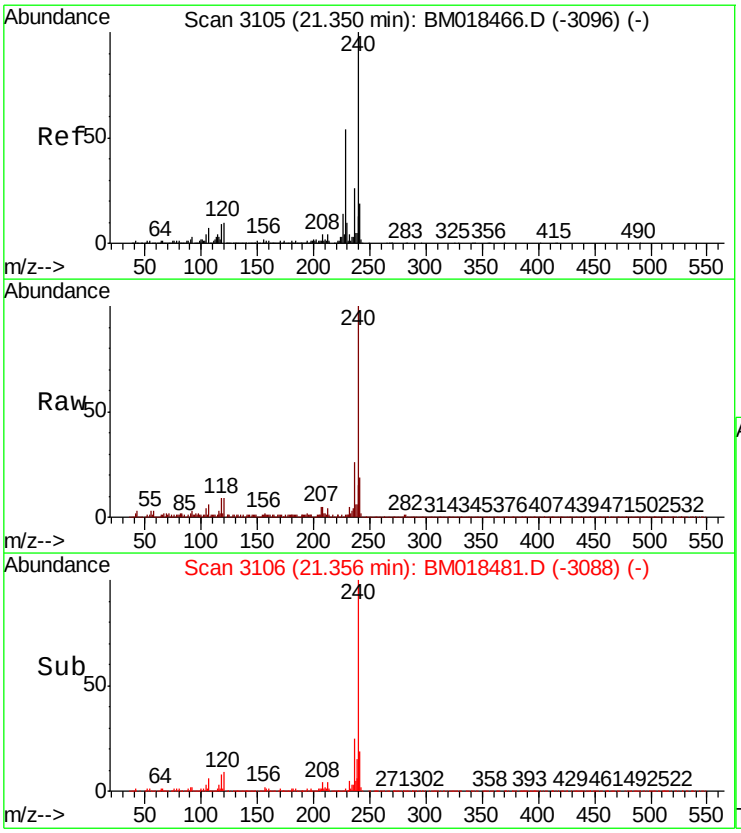
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-J

Tgt Ion:188 Resp: 3636019

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	8.0	7.6	11.4

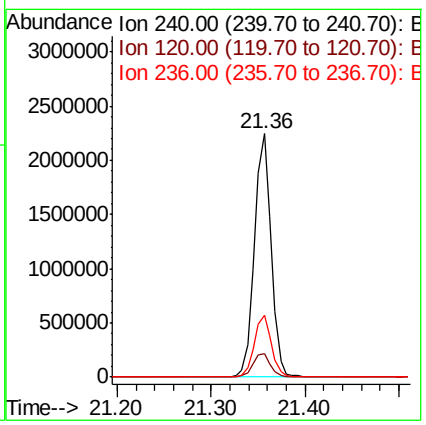


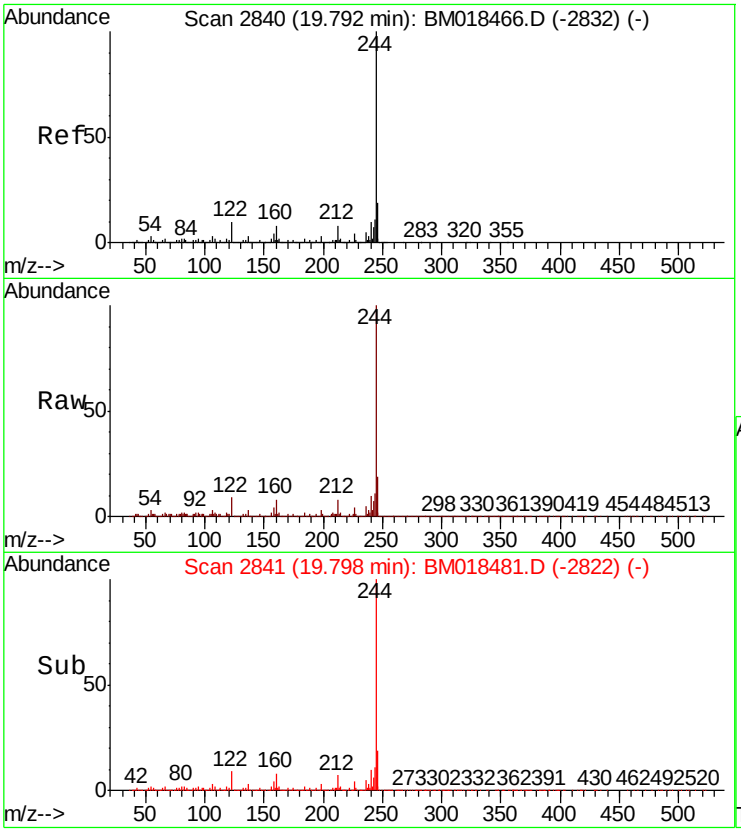


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Tgt Ion:240 Resp: 2742723

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.4	12.6
236	25.6	20.7	31.1



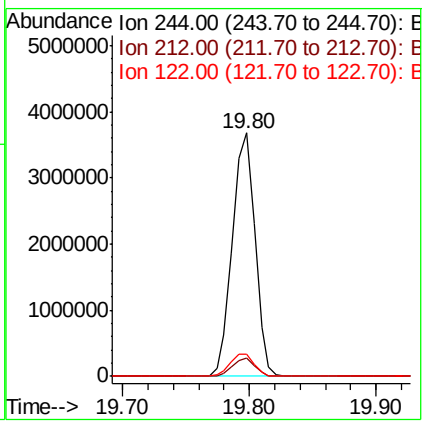


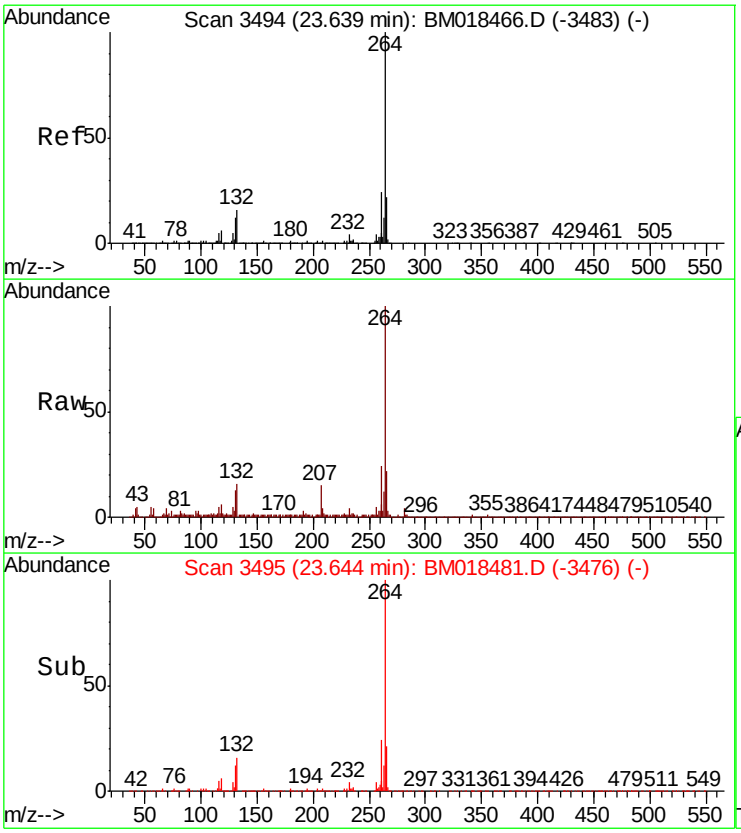
#79
Terphenyl-d14
Concen: 34.830 ng
RT: 19.80 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Instrument : BNA_M
ClientSampleId : JC-03-010819-J

Tgt Ion:244 Resp: 4531624

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Tgt Ion:264 Resp: 2635963

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.0	16.8	25.2