Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018478.D
Acq On : 09 Jan 2019 18:17
Operator : JU/SJ
Sample : K1006-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 10 06:11:29 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	607700	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2486363	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	1398677	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3225635	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2824639	20.00	ng	0.00
87) Perylene-d12	23.64	264	2394264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	4057174	123.28	ng	0.00
7) Phenol-d6	6.94	99	5269632	126.06	ng	0.00
23) Nitrobenzene-d5	8.93	82	3217081	75.01	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2160907	121.34	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7660003	71.46	ng	0.00
79) Terphenyl-d14	19.79	244	10945320	81.69	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.96	94	225634	5.312	ng	93
50) Dimethylphthalate	13.87	163	880362	7.664	ng	99
78) Pyrene	19.59	202	405788	2.424	ng	99

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

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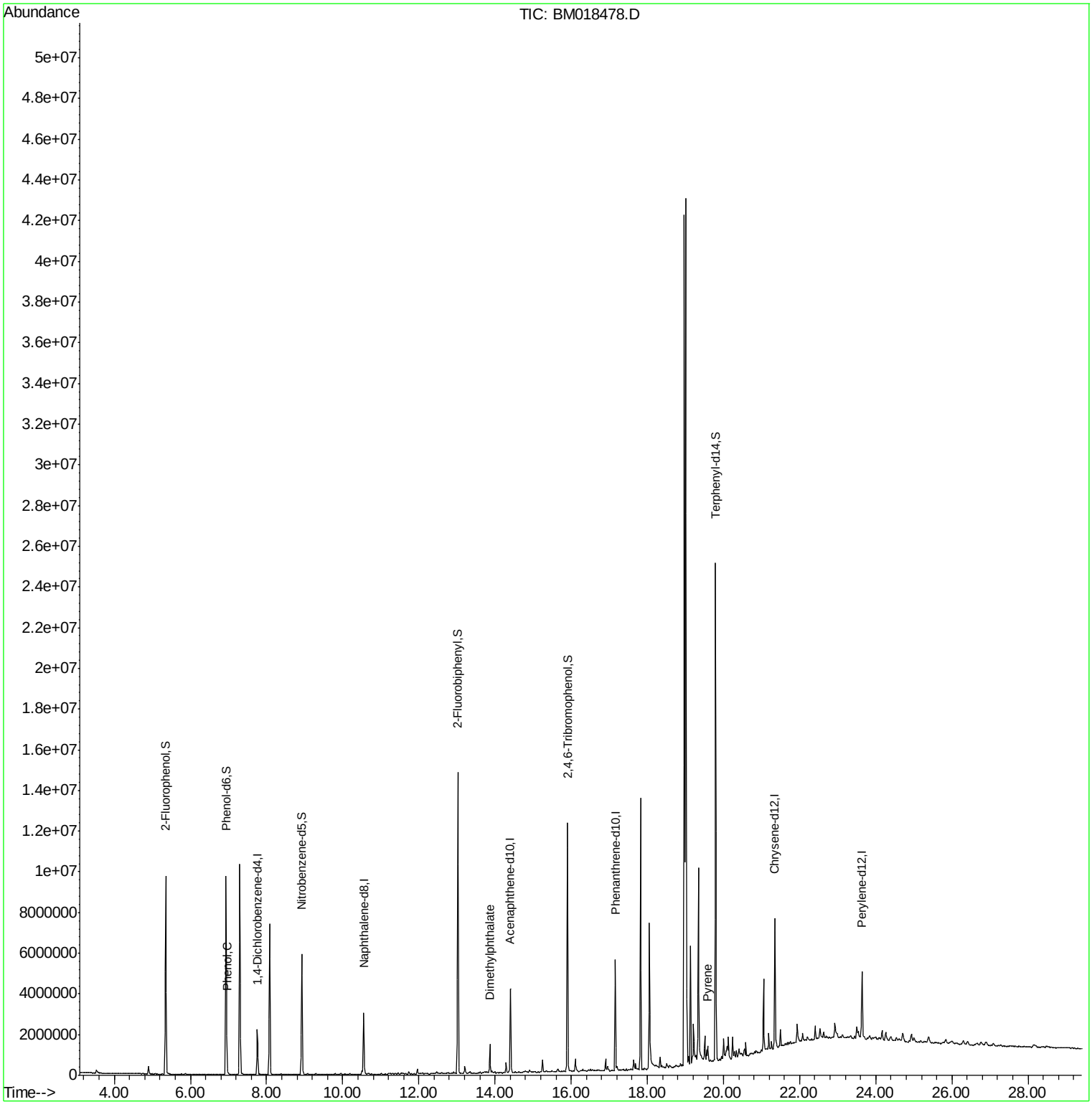
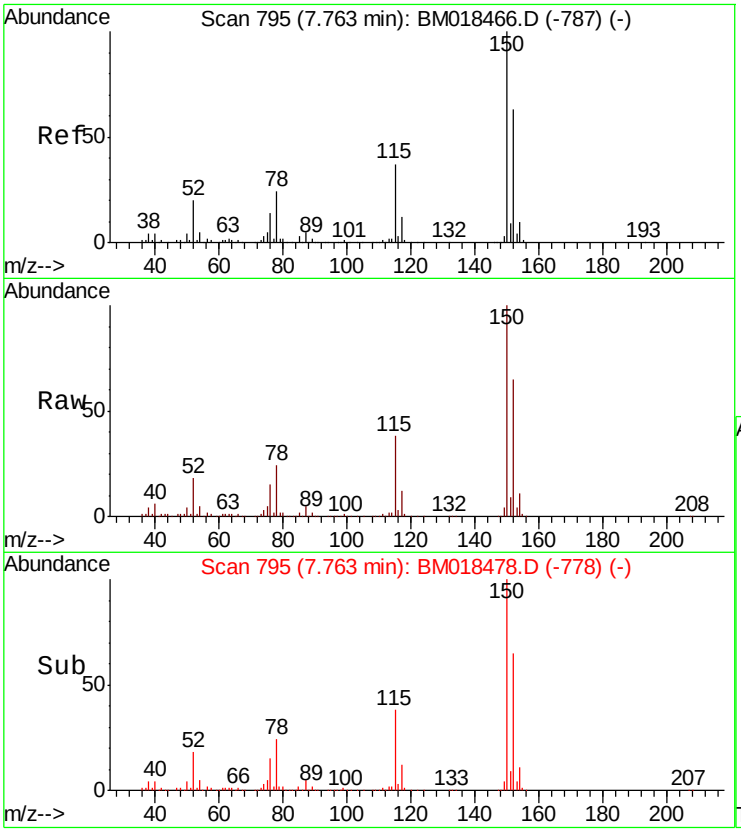


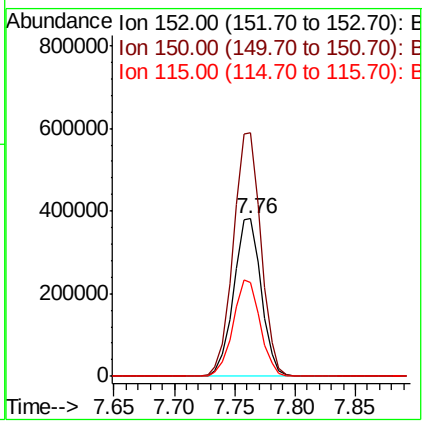


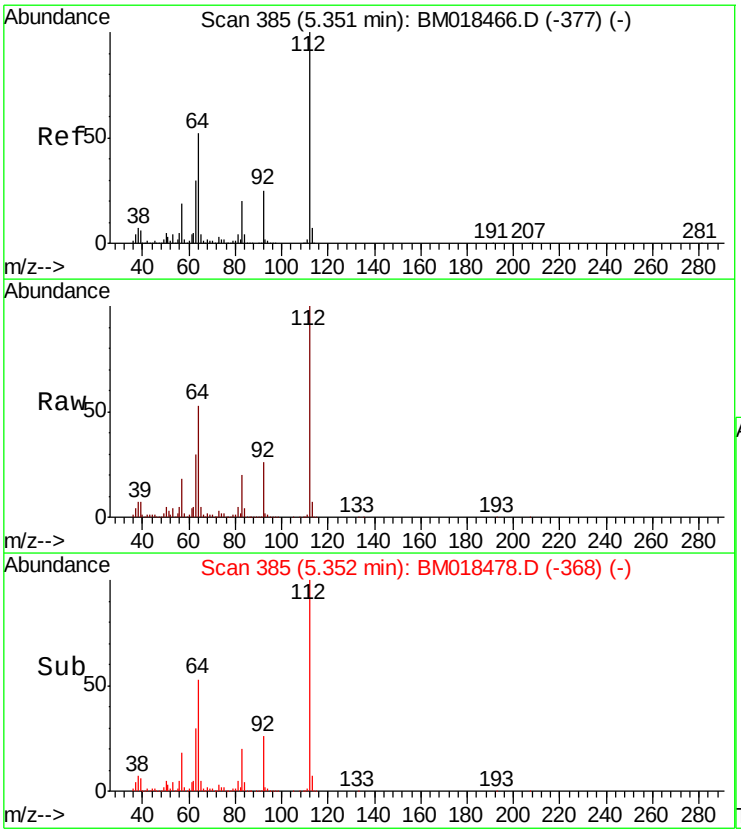
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

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

Tgt Ion:152 Resp: 607700

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.9	190.3
115	59.3	45.5	68.3

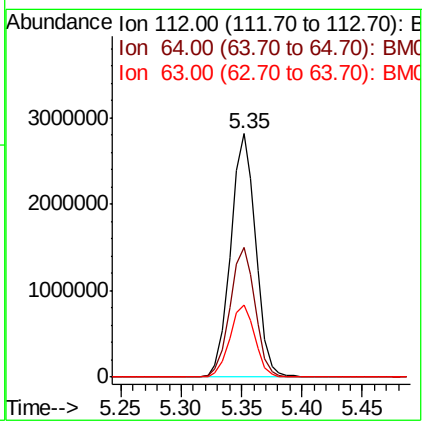


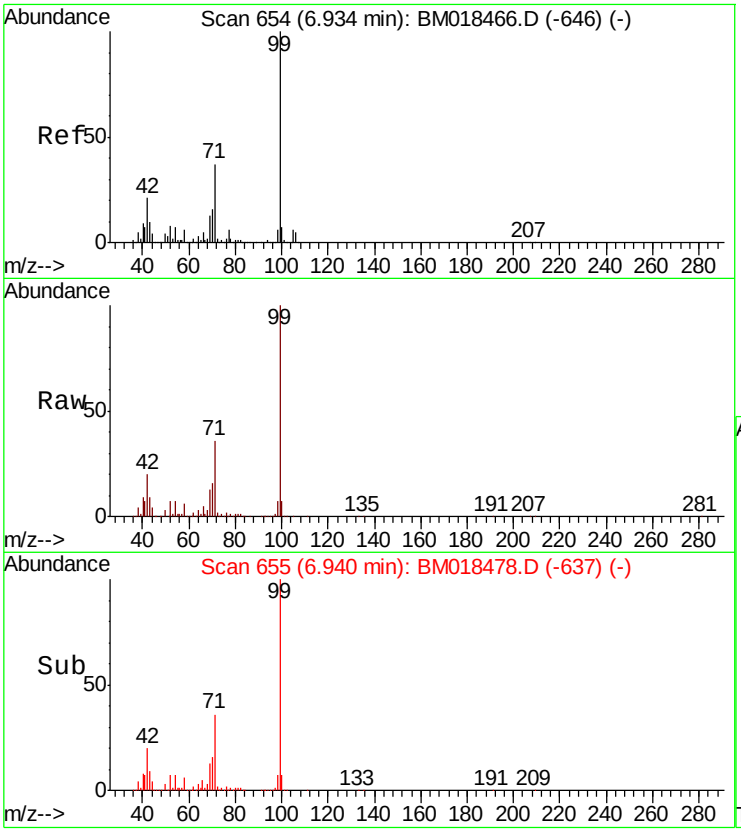


#5
2-Fluorophenol
Concen: 123.277 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Tgt Ion:112 Resp: 4057174

Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.5	69.7
63	29.8	25.2	37.8



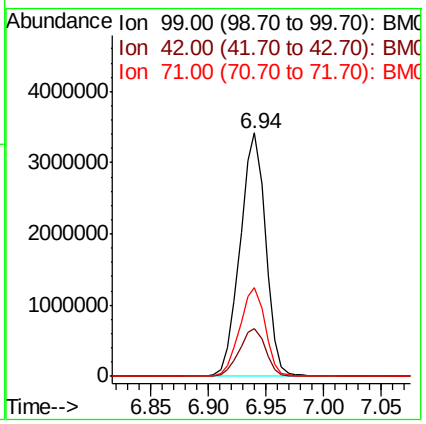


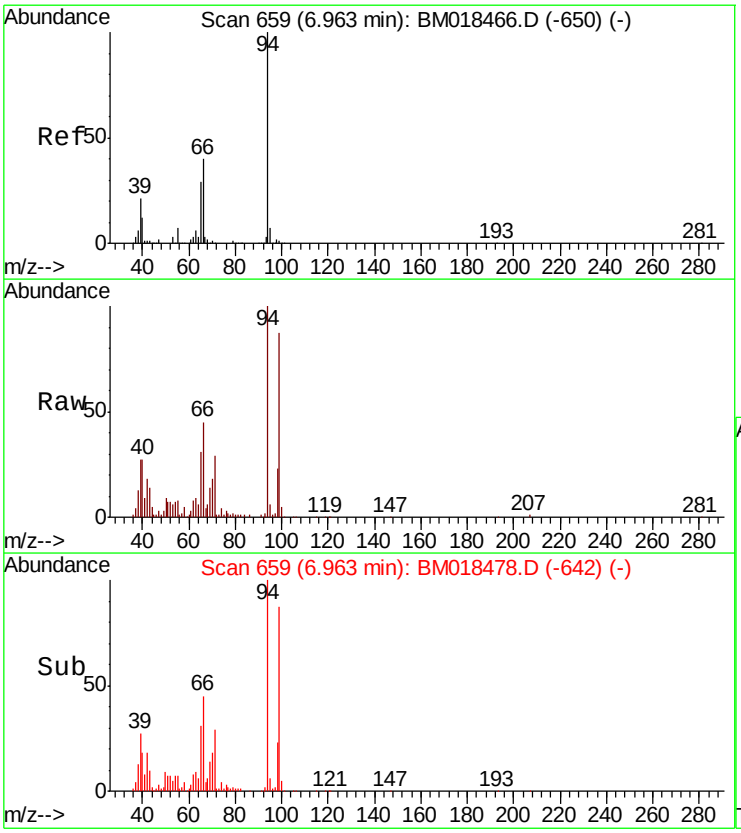
#7
Phenol-d6
Concen: 126.065 ng
RT: 6.94 min Scan# 655
Delta R.T. 0.01 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

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

Tgt Ion: 99 Resp: 5269632

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.3	25.9
71	36.4	28.0	42.0

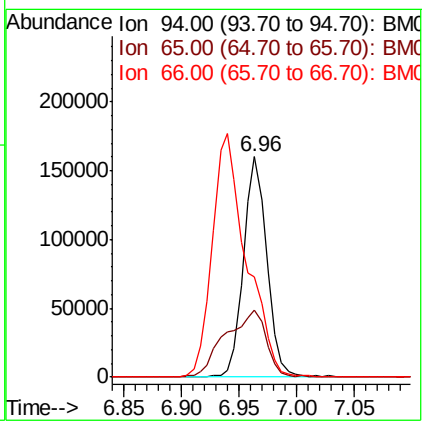


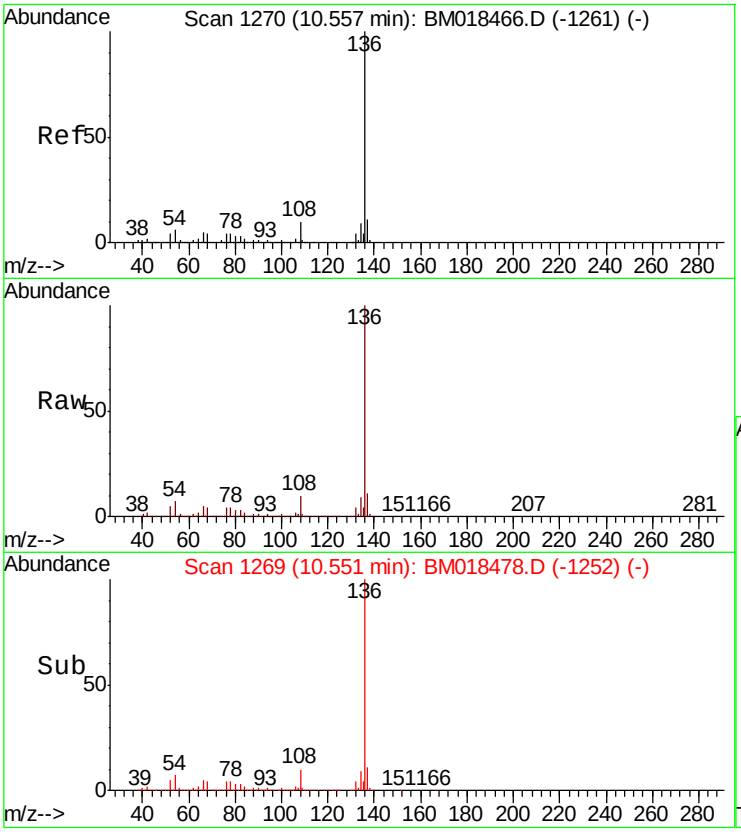


#10
Phenol
Concen: 5.312 ng
RT: 6.96 min Scan# 659
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Tgt Ion: 94 Resp: 225634

Ion	Ratio	Lower	Upper
94	100		
65	30.6	9.4	49.4
66	45.4	19.1	59.1



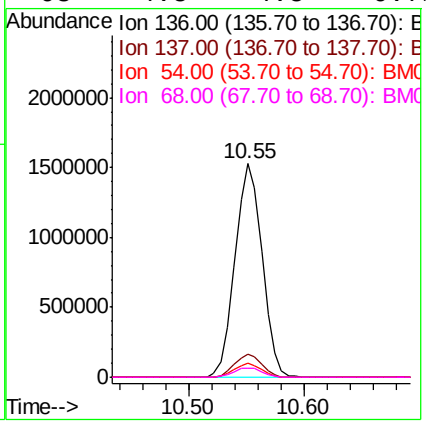


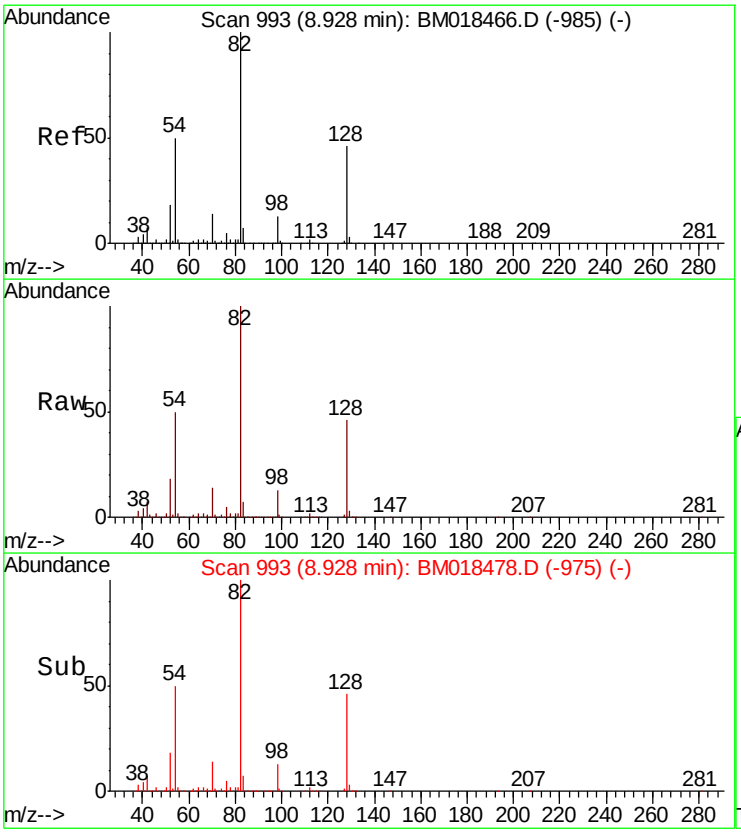
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

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

Tgt Ion:136 Resp: 2486363

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.6	6.0	9.0
68	4.5	4.5	6.7#

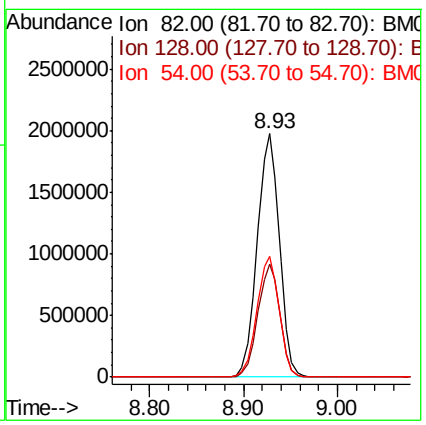


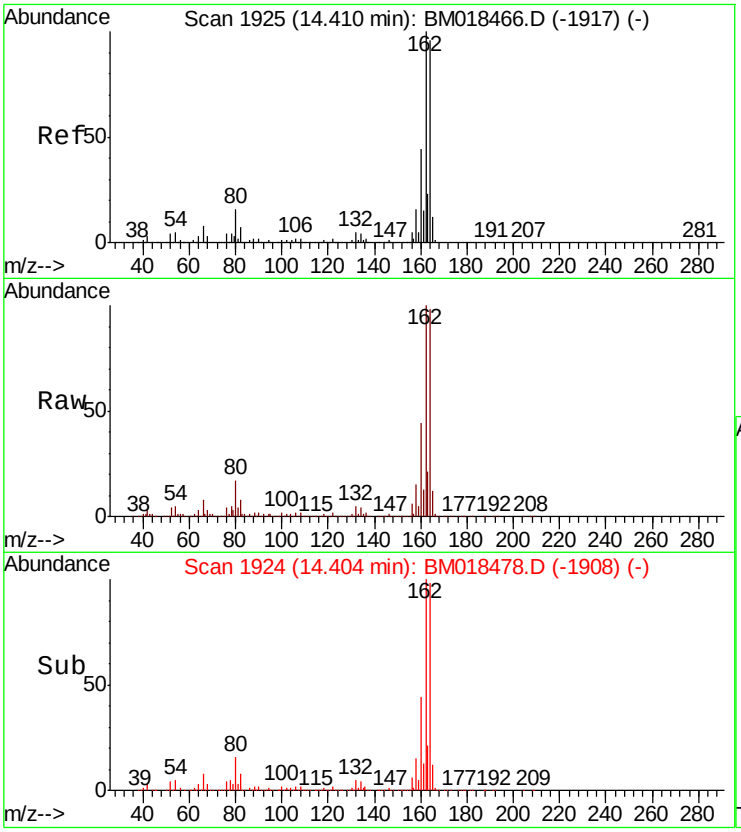


#23
Nitrobenzene-d5
Concen: 75.008 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Tgt Ion: 82 Resp: 3217081

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	49.8	41.7	62.5



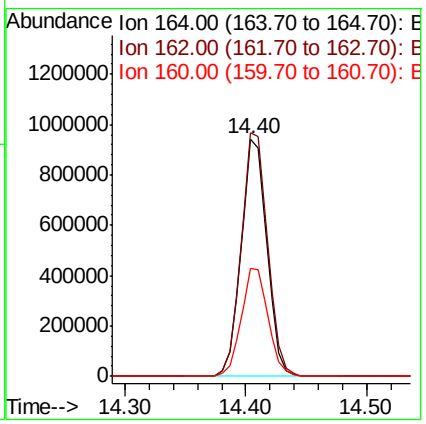


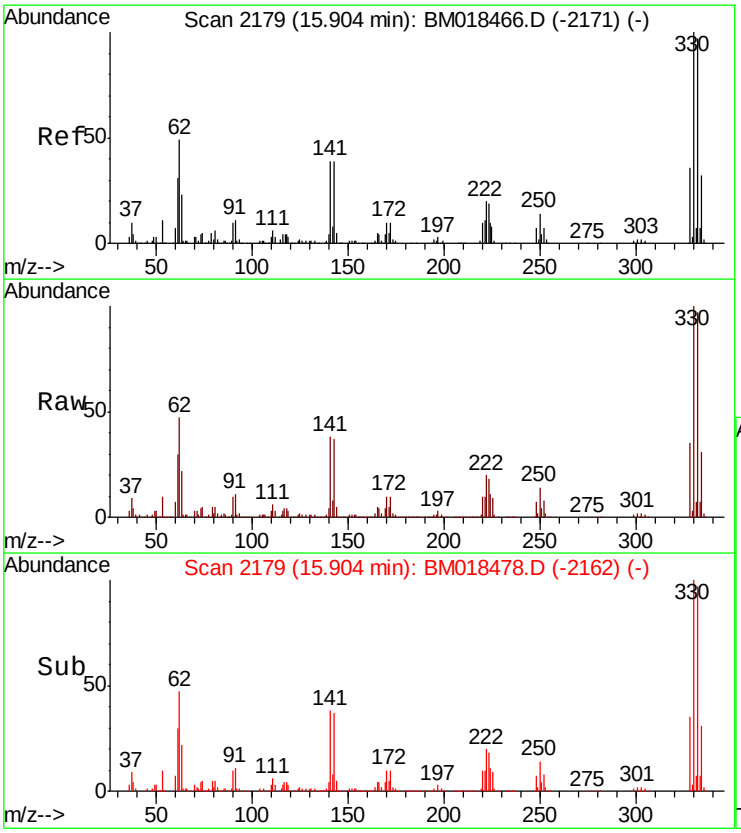
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

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

Tgt Ion:164 Resp: 1398677

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.0	124.4
160	45.4	37.1	55.7

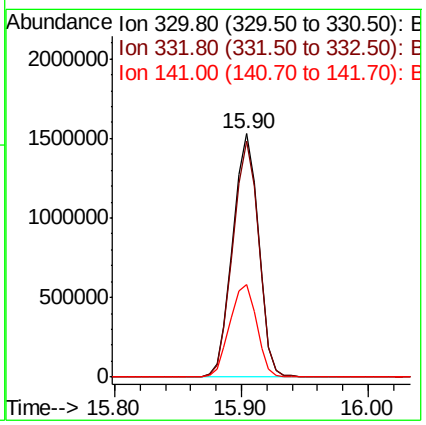


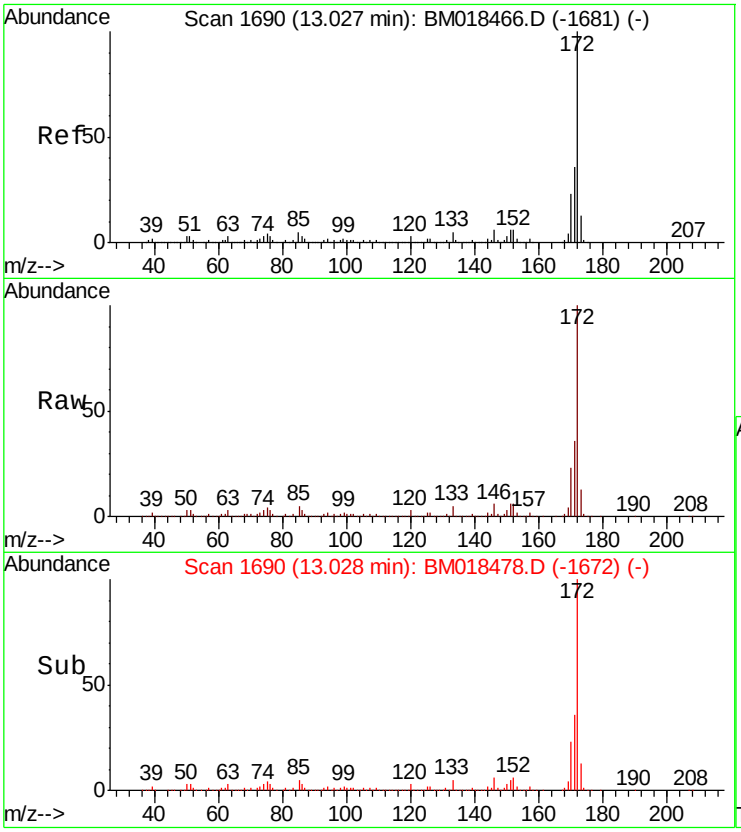


#42
2,4,6-Tribromophenol
Concen: 121.337 ng
RT: 15.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Tgt Ion:330 Resp: 2160907

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	39.2	31.7	47.5



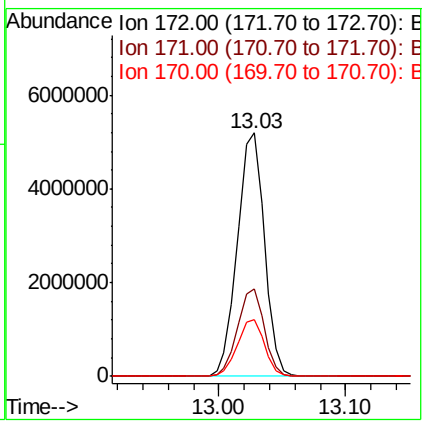


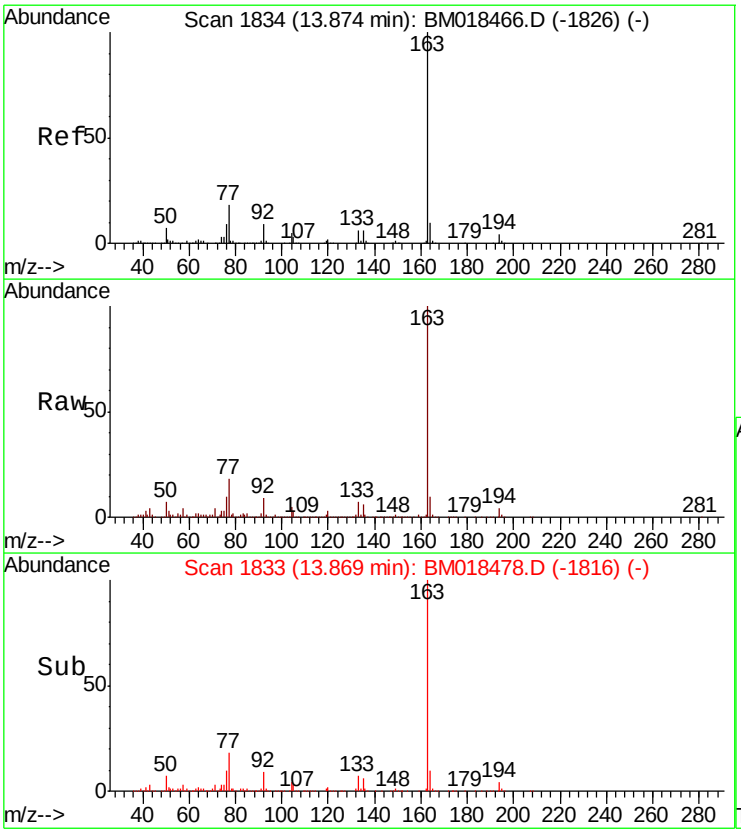
#45
2-Fluorobiphenyl
Concen: 71.462 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

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

Tgt Ion:172 Resp: 7660003

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	23.4	18.9	28.3

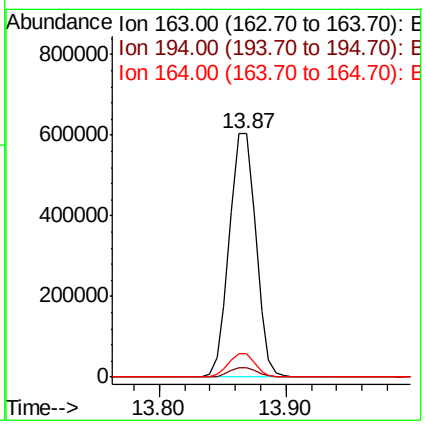


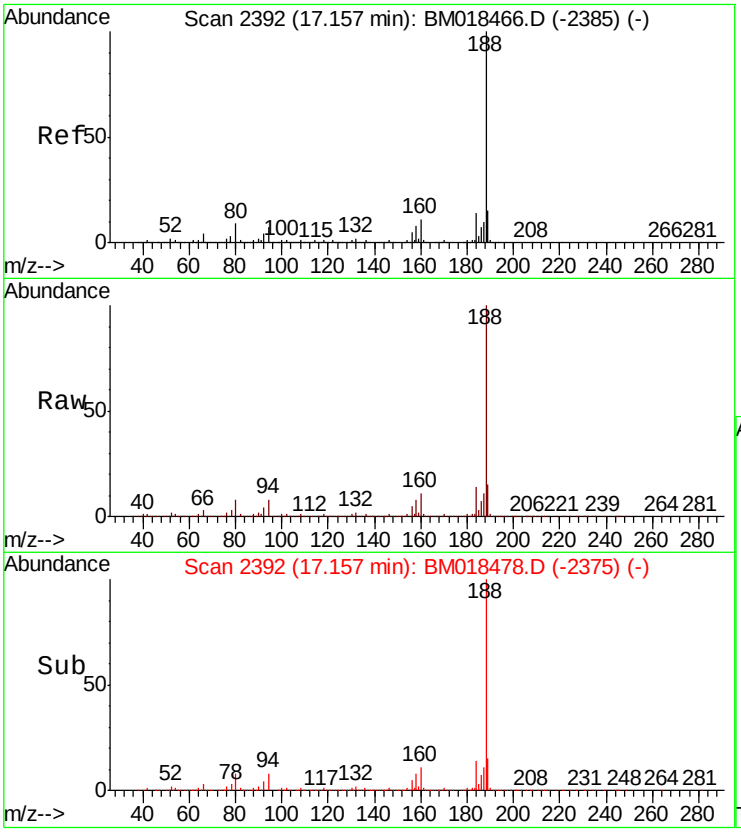


#50
Dimethylphthalate
Concen: 7.664 ng
RT: 13.87 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Tgt Ion:163 Resp: 880362

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.6	7.8	11.8



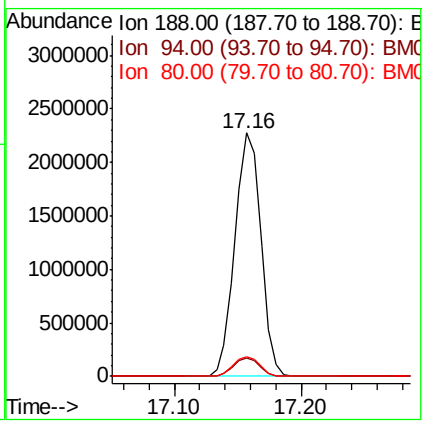


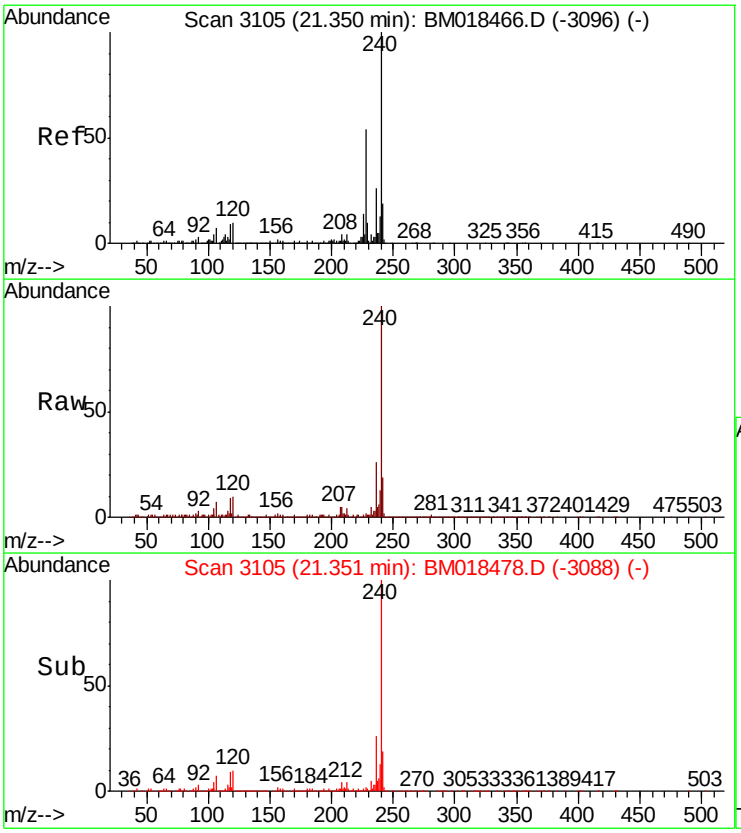
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

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

Tgt Ion:188 Resp: 3225635

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	7.9	7.6	11.4

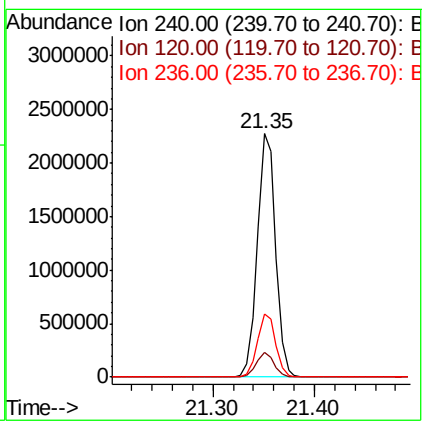


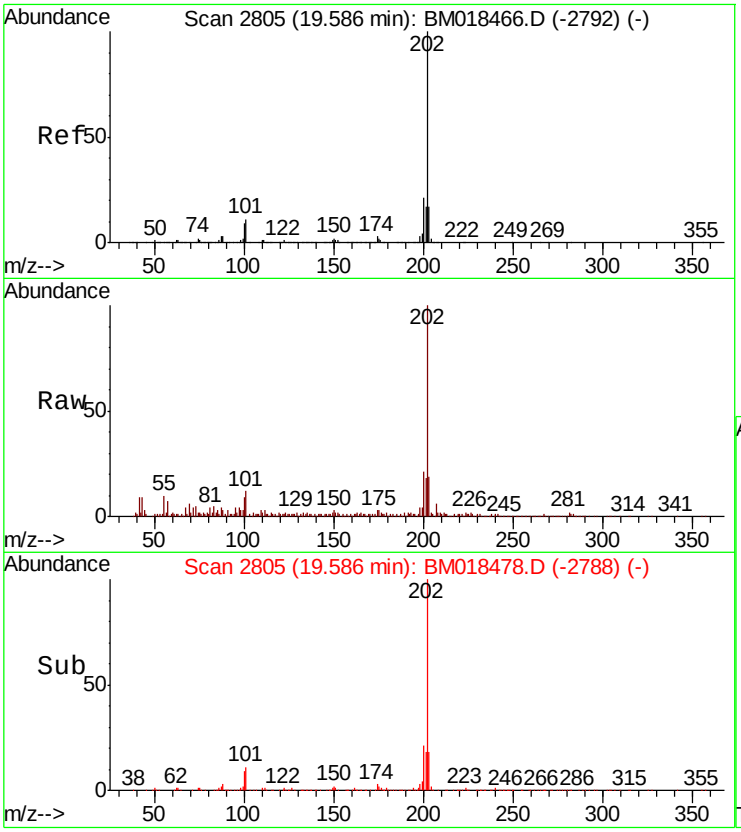


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Tgt Ion:240 Resp: 2824639

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	25.7	20.7	31.1



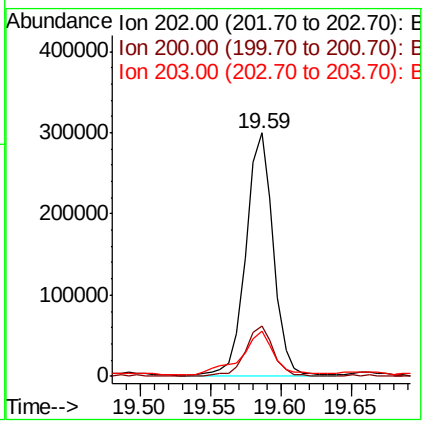


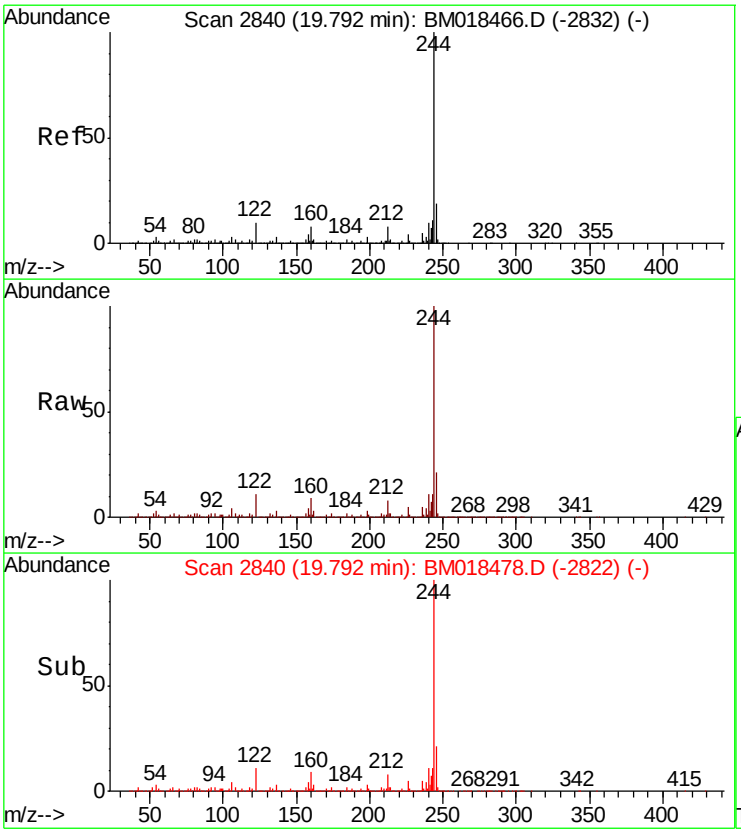
#78
Pyrene
Concen: 2.424 ng
RT: 19.59 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

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

Tgt Ion:202 Resp: 405788

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	18.7	13.8	20.8

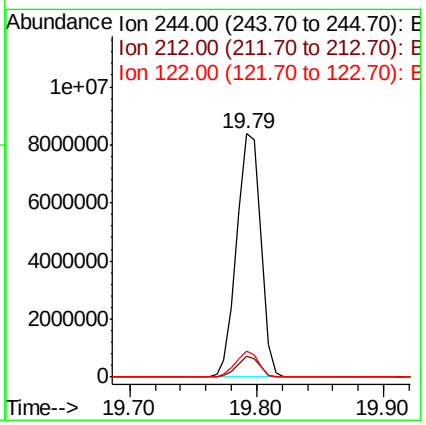


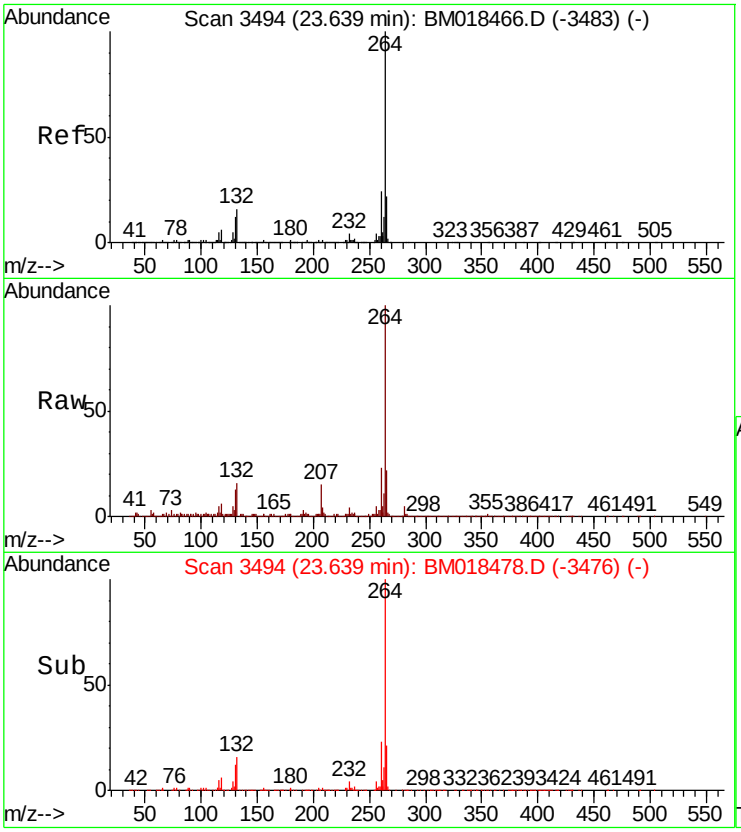


#79
Terphenyl-d14
Concen: 81.685 ng
RT: 19.79 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Tgt Ion:244 Resp:10945320

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.9	8.9
122	10.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

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

Tgt Ion:264 Resp: 2394264

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.8	16.8	25.2