Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018639.D
Acq On : 18 Jan 2019 16:25
Operator : JU/SJ
Sample : K1173-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200052

Quant Time: Jan 18 21:48:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	221003	20.00	ng		-0.03
21) Naphthalene-d8	10.53	136	822883	20.00	ng		-0.02
39) Acenaphthene-d10	14.38	164	435678	20.00	ng		-0.03
64) Phenanthrene-d10	17.13	188	967425	20.00	ng		-0.02
76) Chrysene-d12	21.33	240	1056609	20.00	ng		-0.02
87) Perylene-d12	23.60	264	1075788	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1603580	133.98	ng		-0.02
7) Phenol-d6	6.91	99	1965074	129.27	ng		-0.02
23) Nitrobenzene-d5	8.90	82	1216227	85.68	ng		-0.02
42) 2,4,6-Tribromophenol	15.88	330	771625	139.10	ng		-0.02
45) 2-Fluorobiphenyl	13.00	172	2546909	76.28	ng		-0.02
79) Terphenyl-d14	19.77	244	3759931	75.01	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.93	94	33976	2.199	ng		77
32) Benzoic acid	9.82	122	125	6.518	ng	#	81
50) Dimethylphthalate	13.84	163	284609	7.954	ng		99

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

Quantitation Report (Not Reviewed)

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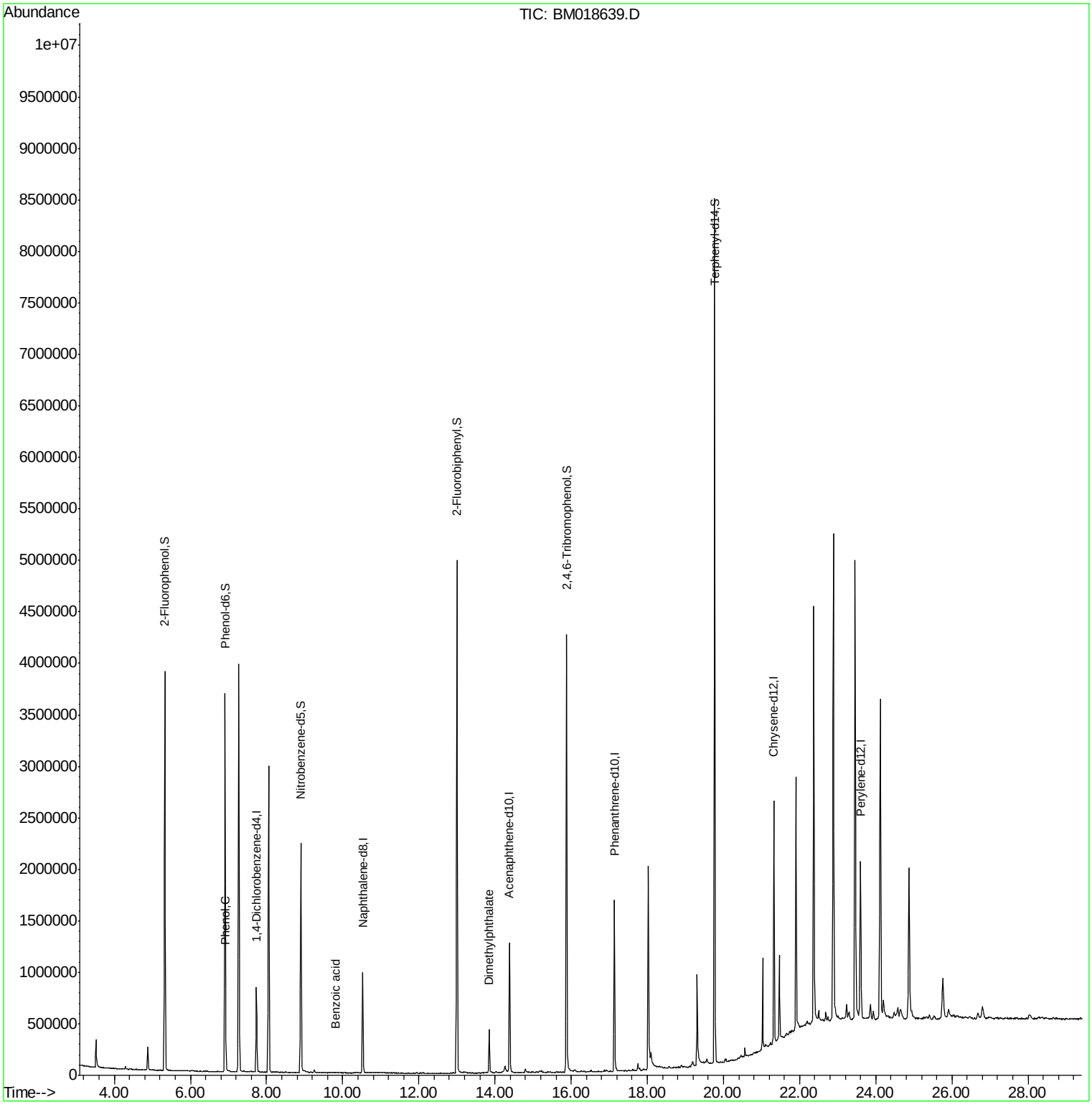
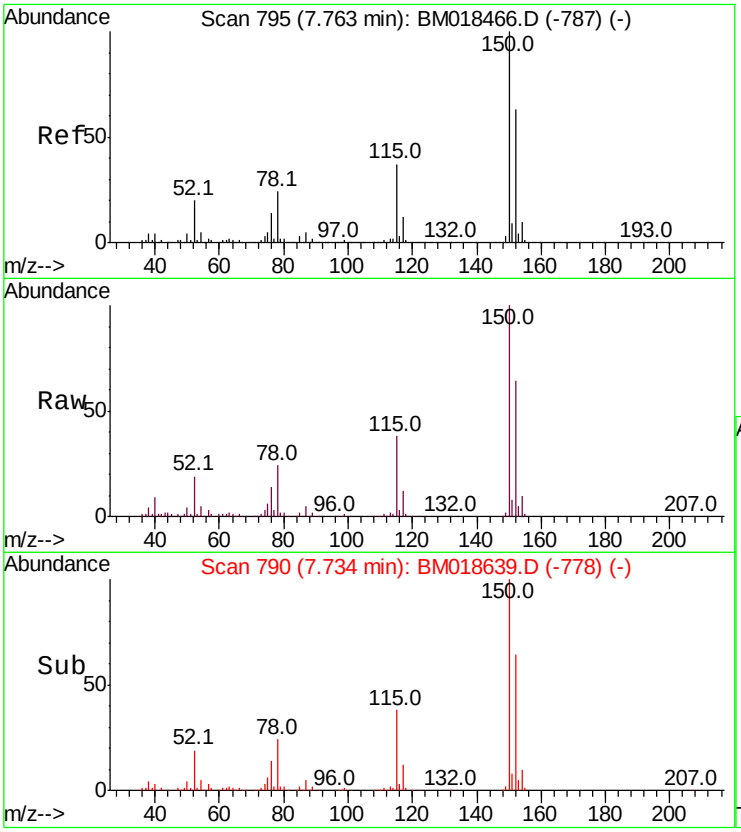


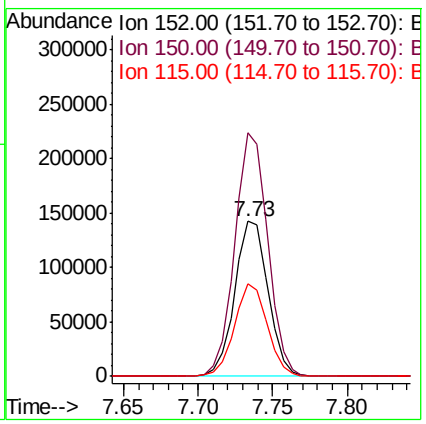


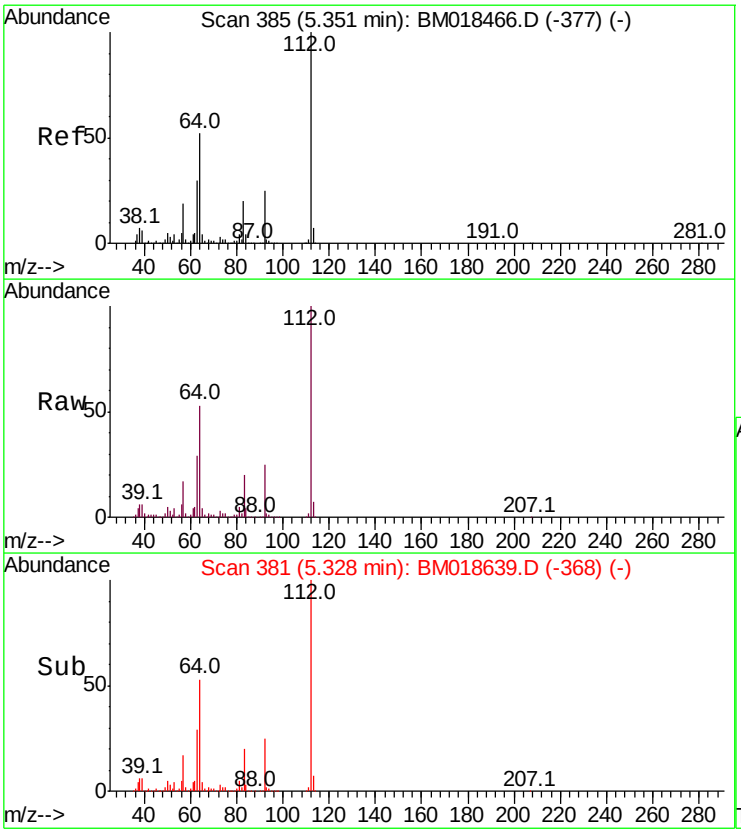
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.03 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:152 Resp: 221003

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.9	190.3
115	59.9	45.5	68.3

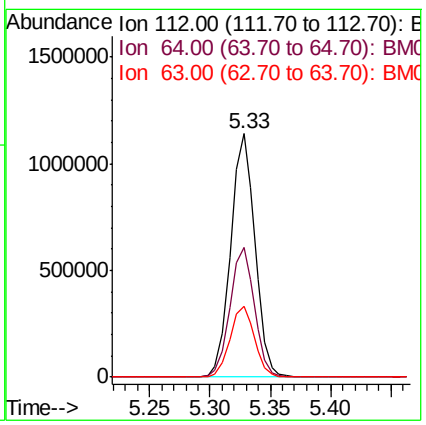


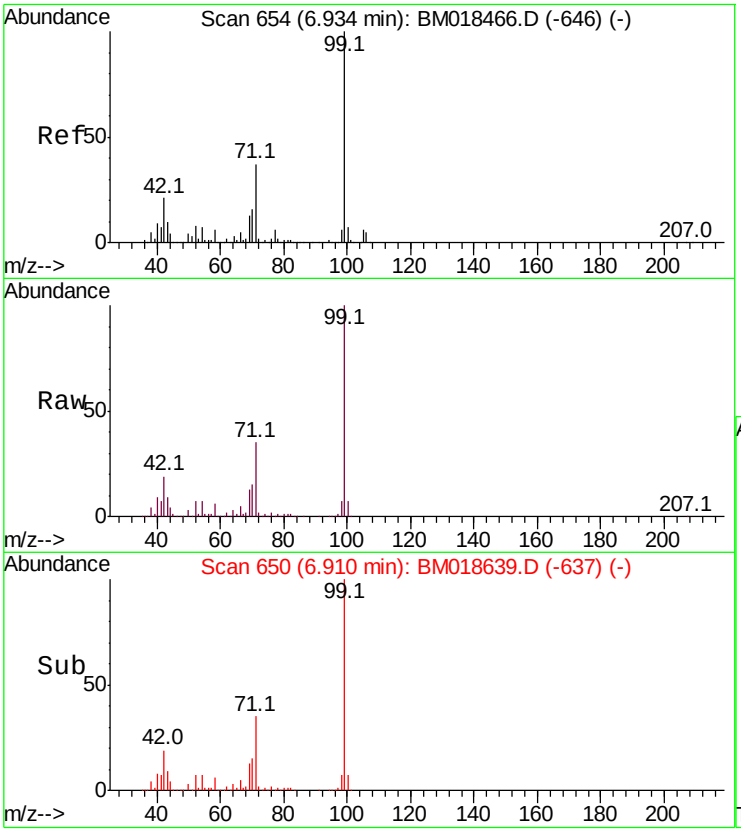


#5
2-Fluorophenol
Concen: 133.980 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.02 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Tgt Ion:112 Resp: 1603580

Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.5	69.7
63	29.2	25.2	37.8



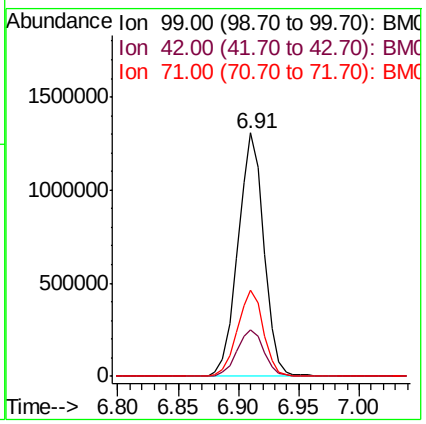


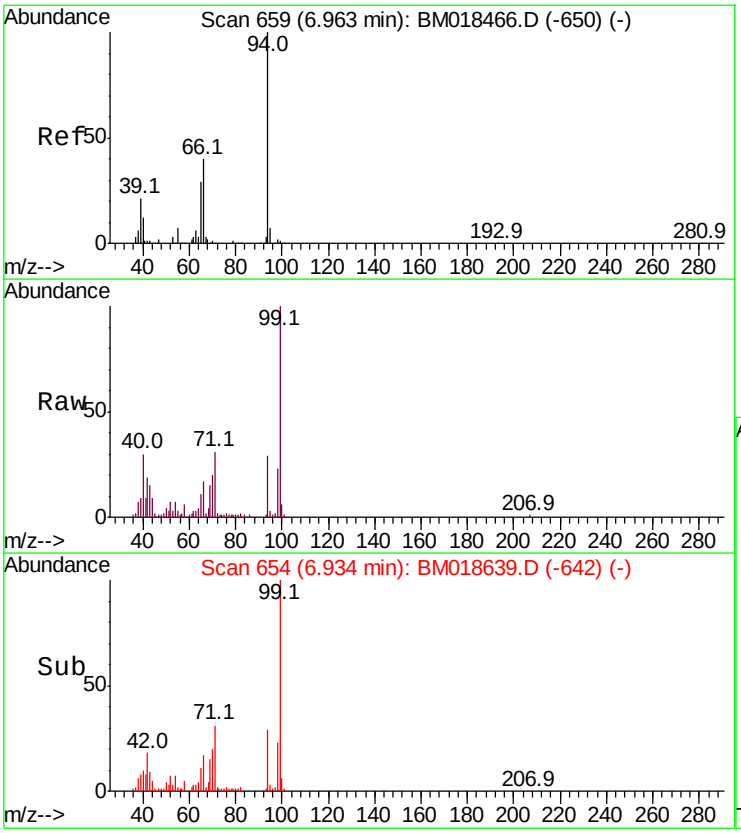
#7
Phenol-d6
Concen: 129.266 ng
RT: 6.91 min Scan# 650
Delta R.T. -0.02 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion: 99 Resp: 1965074

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.3	25.9
71	35.2	28.0	42.0

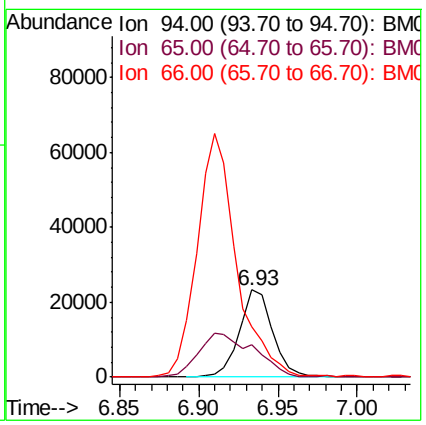


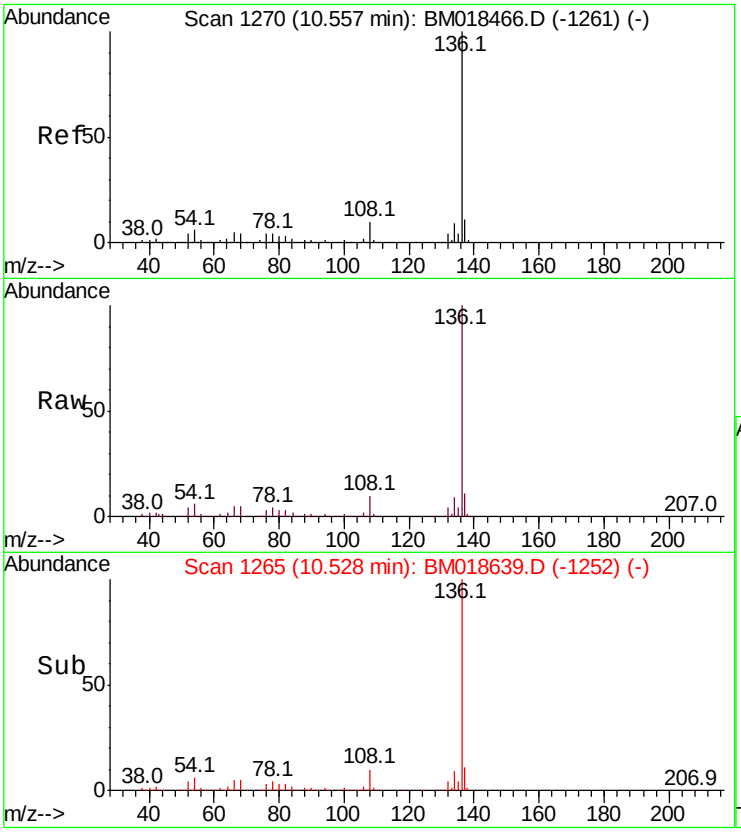


#10
Phenol
Concen: 2.199 ng
RT: 6.93 min Scan# 654
Delta R.T. -0.03 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Tgt Ion: 94 Resp: 33976

Ion	Ratio	Lower	Upper
94	100		
65	37.3	9.4	49.4
66	57.2	19.1	59.1



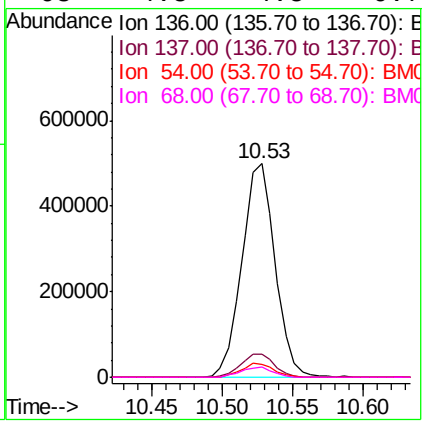


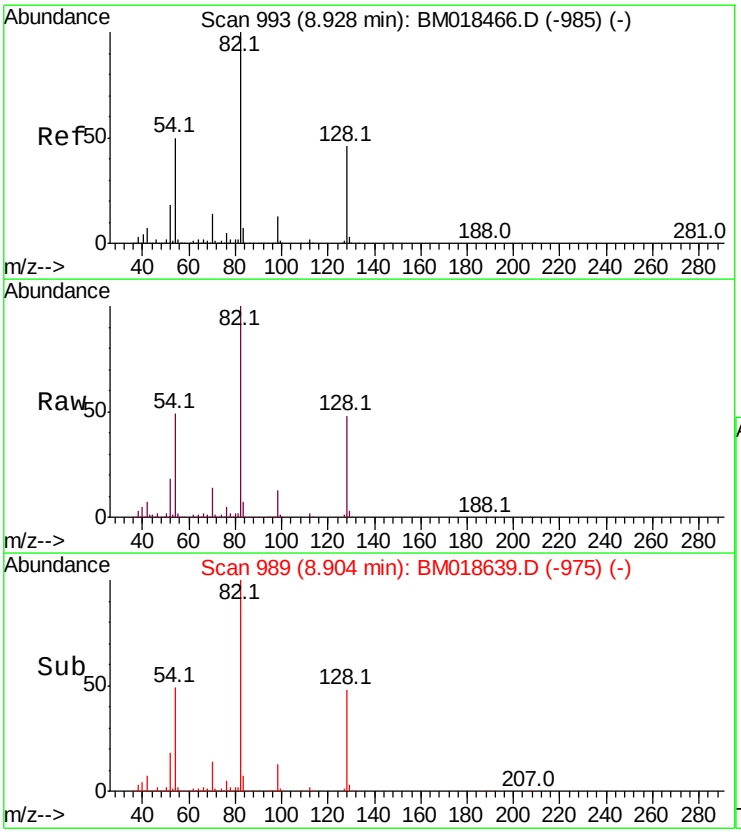
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:136 Resp: 822883

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.2	6.0	9.0
68	4.5	4.5	6.7

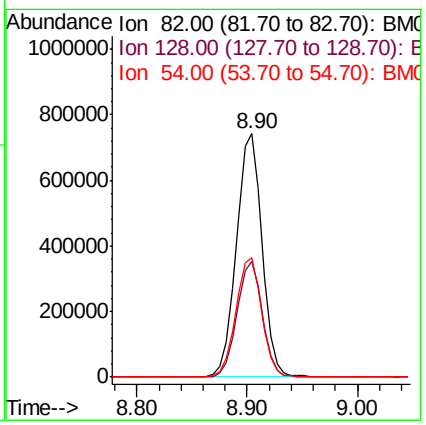


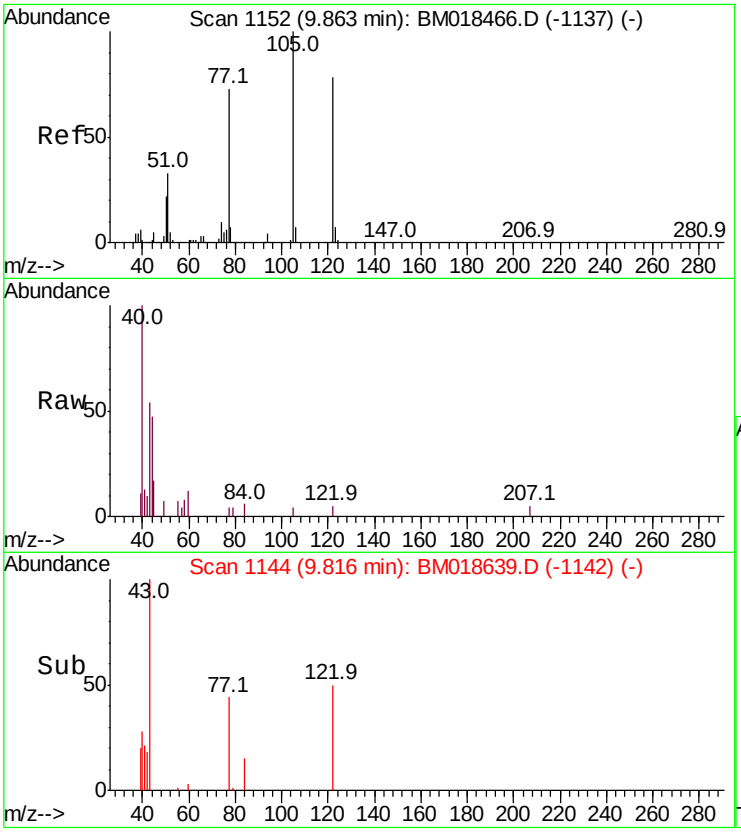


#23
Nitrobenzene-d5
Concen: 85.681 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Tgt Ion: 82 Resp: 1216227

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.3	54.5
54	48.9	41.7	62.5



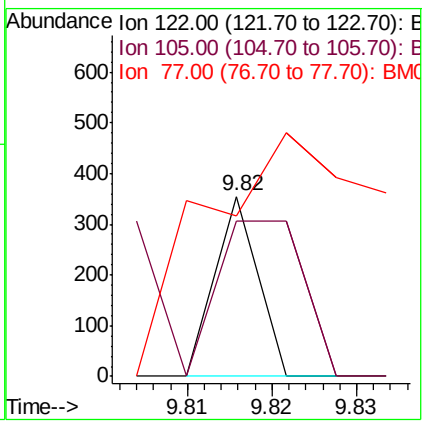


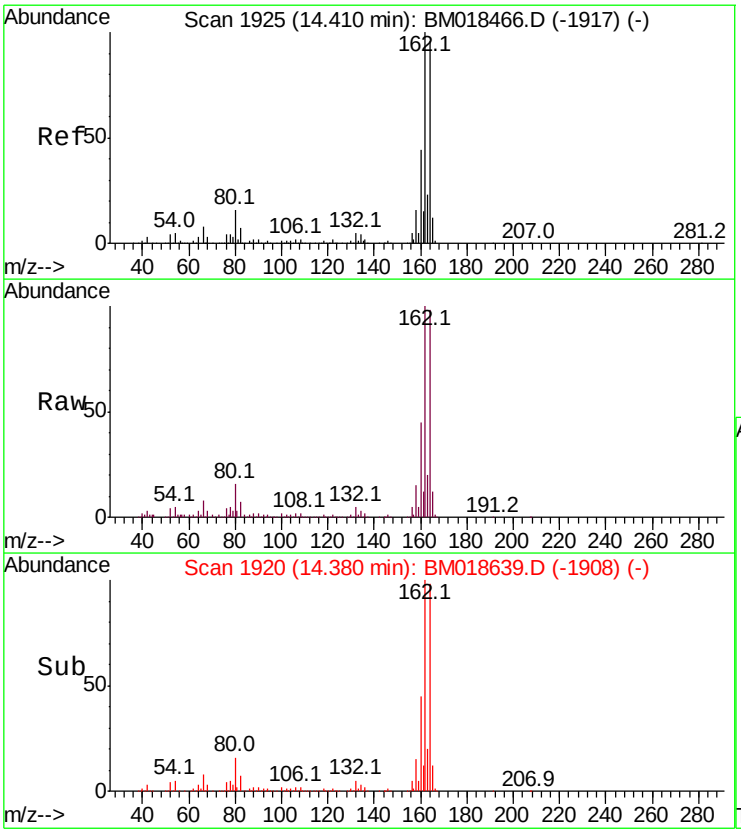
#32
Benzoic acid
Concen: 6.518 ng
RT: 9.82 min Scan# 1144
Delta R.T. -0.09 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:122 Resp: 125

Ion	Ratio	Lower	Upper
122	100		
105	86.2	100.4	140.4#
77	89.0	71.7	111.7

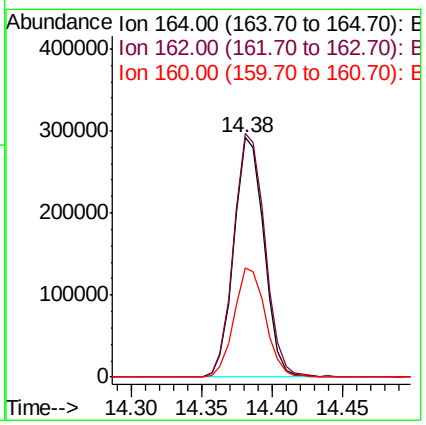


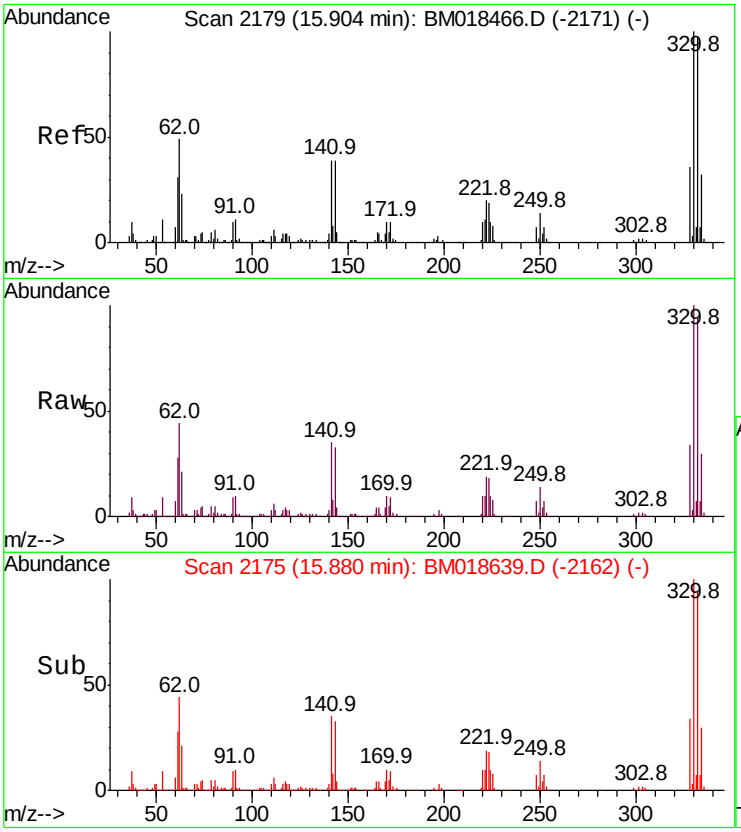


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.03 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Tgt Ion:164 Resp: 435678

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.0	124.4
160	45.5	37.1	55.7



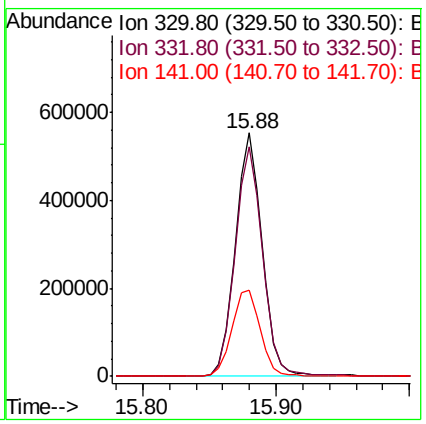


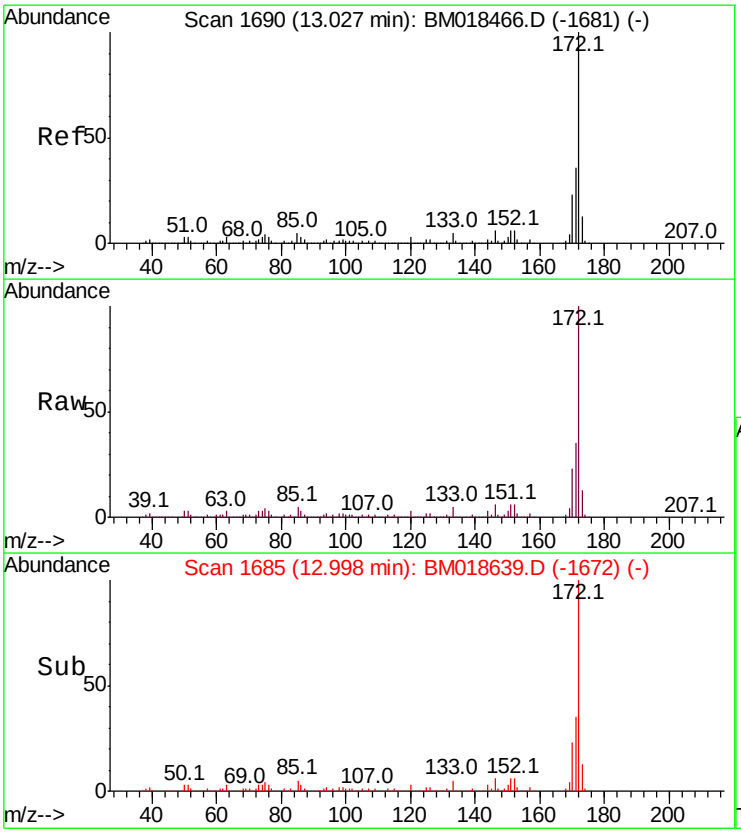
#42
2,4,6-Tribromophenol
Concen: 139.097 ng
RT: 15.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:330 Resp: 771625

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	37.7	31.7	47.5

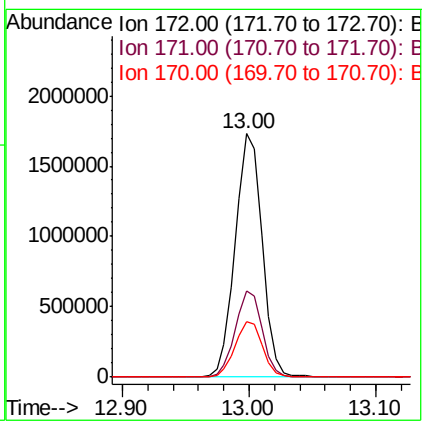


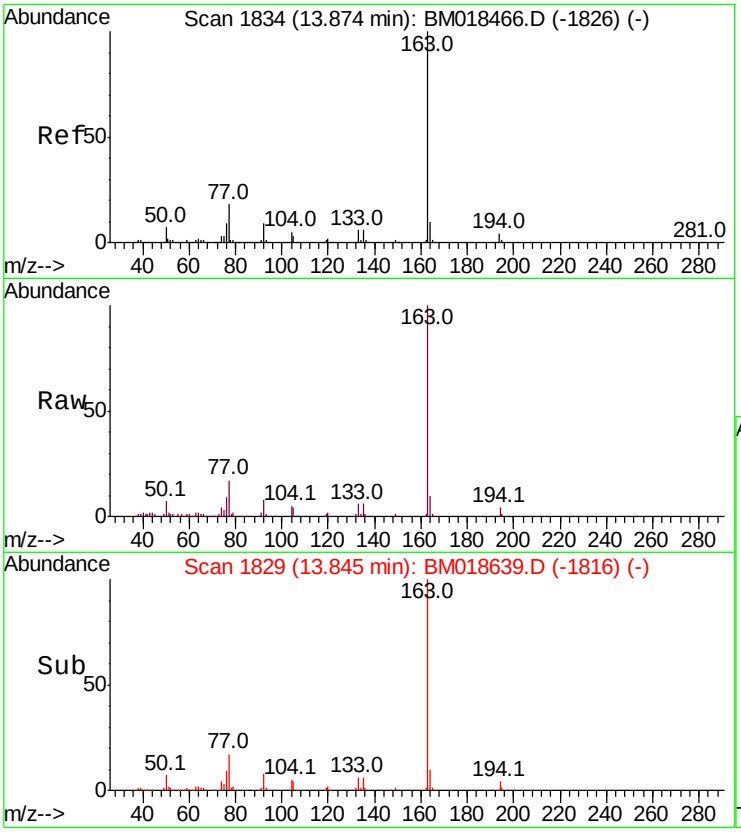


#45
2-Fluorobiphenyl
Concen: 76.280 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.02 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Tgt Ion:172 Resp: 2546909

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	22.7	18.9	28.3



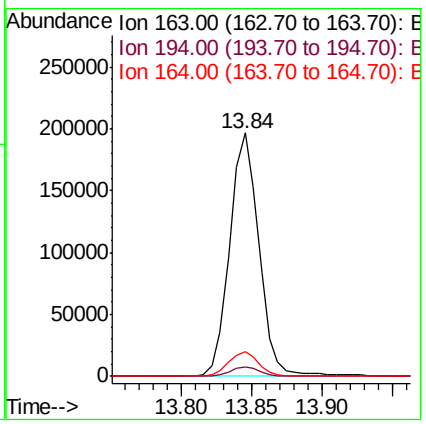


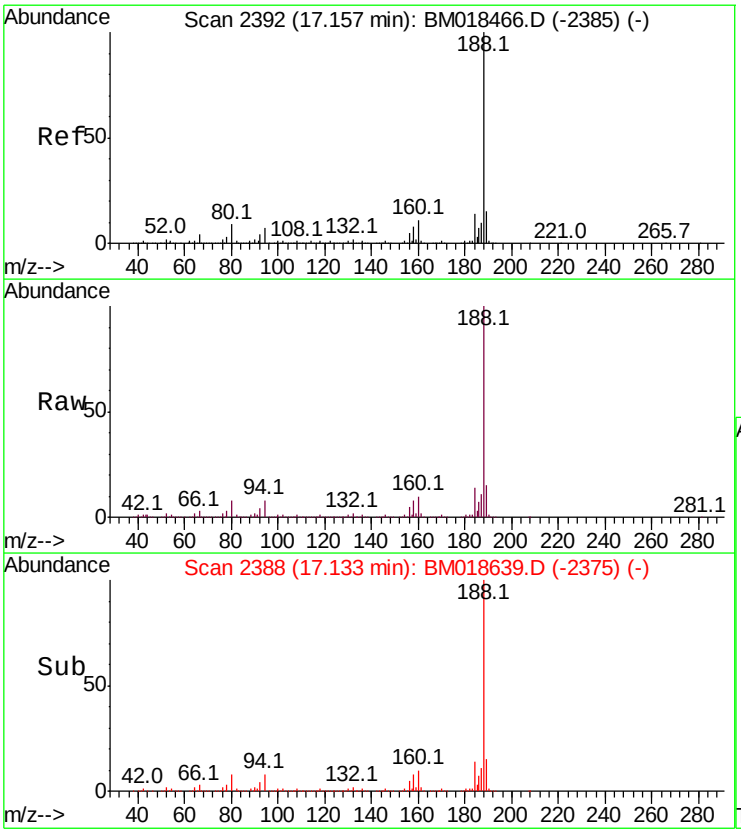
#50
Dimethylphthalate
Concen: 7.954 ng
RT: 13.84 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:163 Resp: 284609

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.1	7.8	11.8

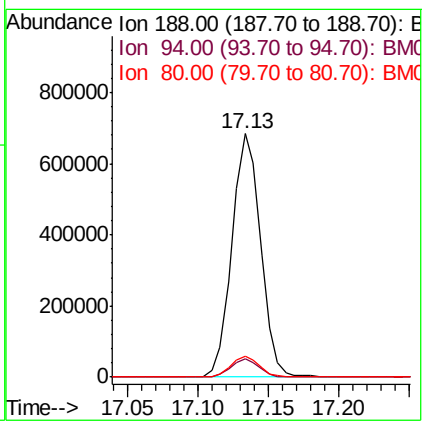


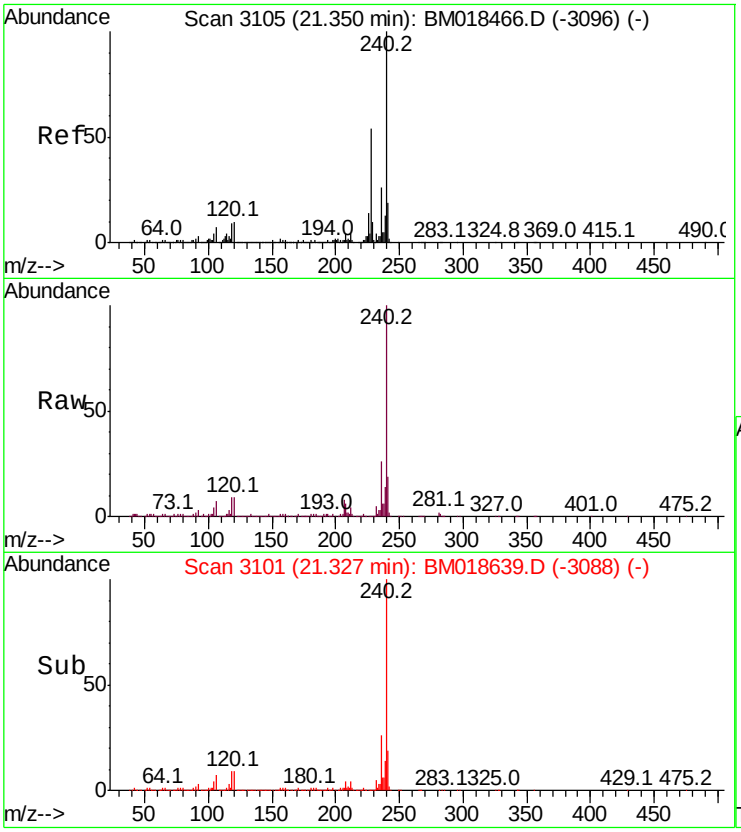


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Tgt Ion:188 Resp: 967425

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.1	10.7
80	8.5	7.6	11.4



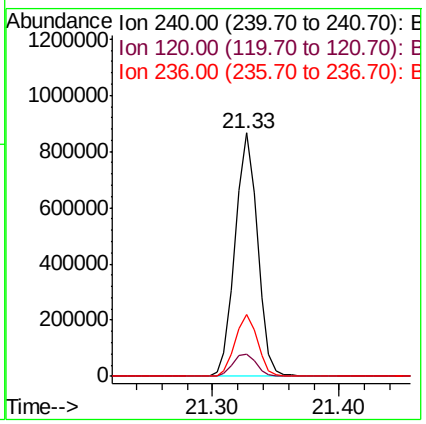


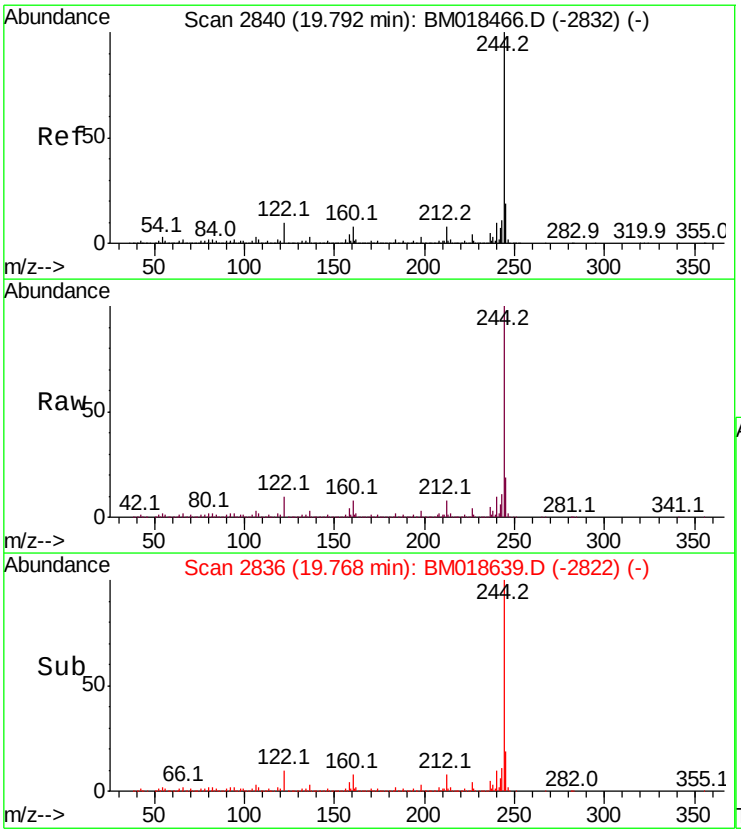
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:240 Resp: 1056609

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

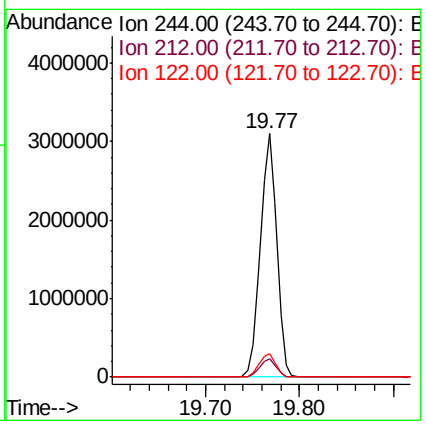


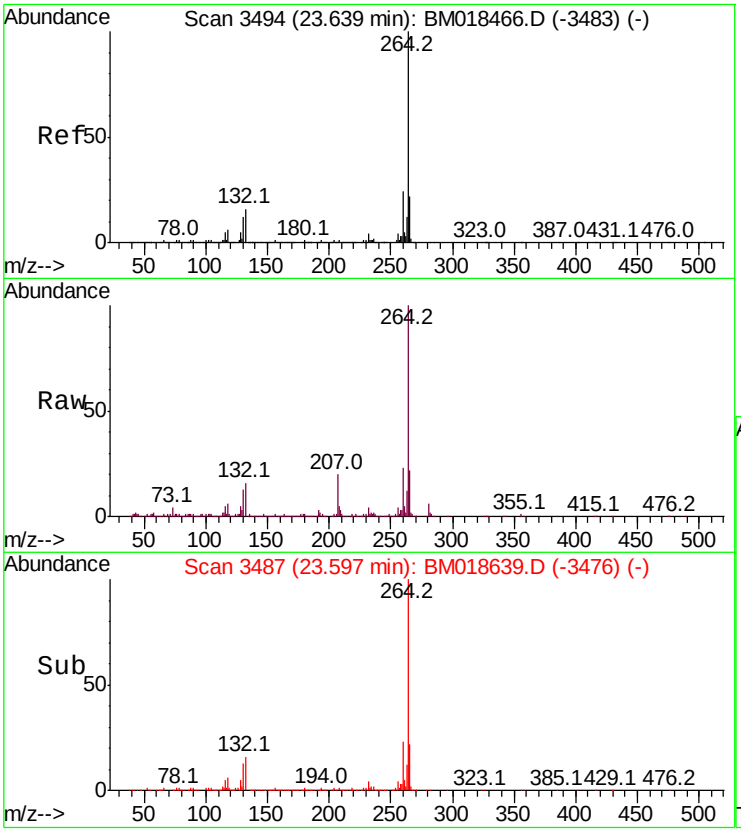


#79
Terphenyl-d14
Concen: 75.014 ng
RT: 19.77 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Tgt Ion:244 Resp: 3759931

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3487
Delta R.T. -0.04 min
Lab File: BM018639.D
Acq: 18 Jan 2019 16:25

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:264 Resp: 1075788

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	22.3	16.8	25.2