Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018736.D
Acq On : 07 Feb 2019 14:17
Operator : JU/SJ
Sample : K1401-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200052

Quant Time: Feb 08 10:05:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	237226	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	868702	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	440235	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	971317	20.00	ng		0.00
76) Chrysene-d12	21.31	240	1087623	20.00	ng		0.00
87) Perylene-d12	23.57	264	1174270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1688158	131.40	ng		0.00
7) Phenol-d6	6.89	99	2112285	129.45	ng		0.00
23) Nitrobenzene-d5	8.88	82	1264751	84.40	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	703827	125.56	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	2538589	75.24	ng		0.00
79) Terphenyl-d14	19.74	244	3300709	63.97	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.92	94	128685	7.76	ng		98
32) Benzoic acid	9.85	122	116	6.52	ng	#	32
50) Dimethylphthalate	13.83	163	210934	5.83	ng		99

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

Quantitation Report (Not Reviewed)

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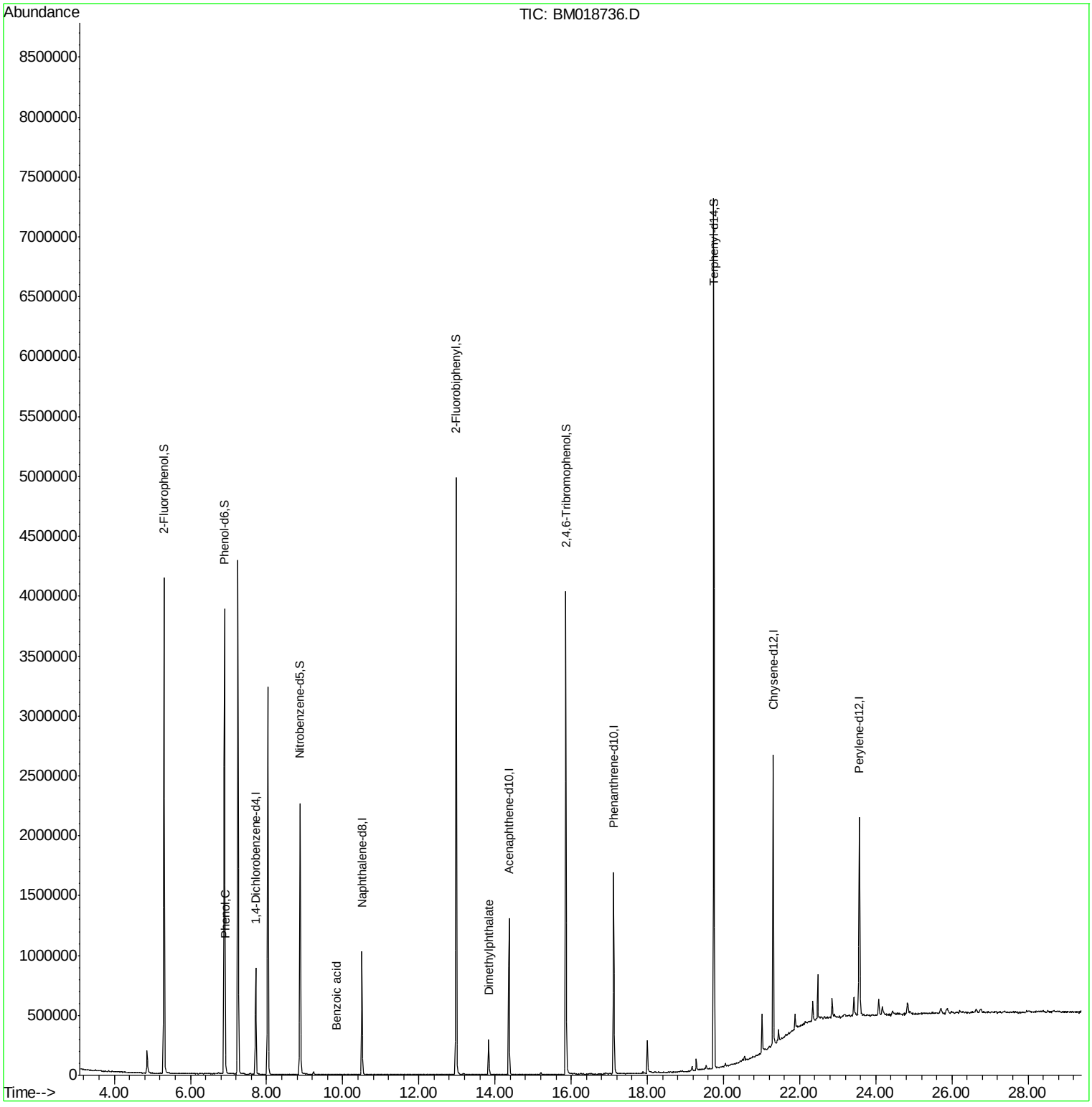
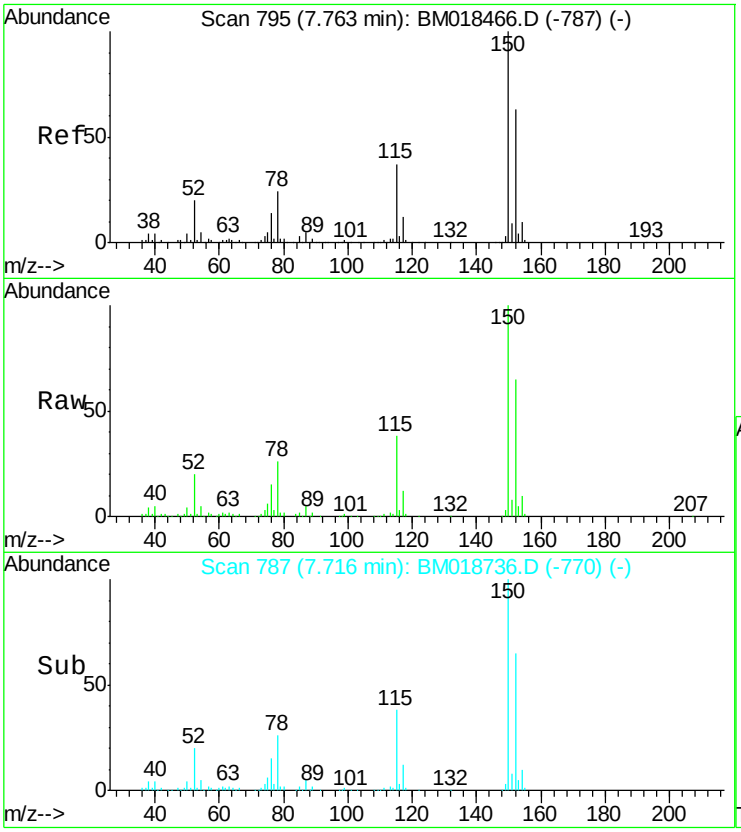


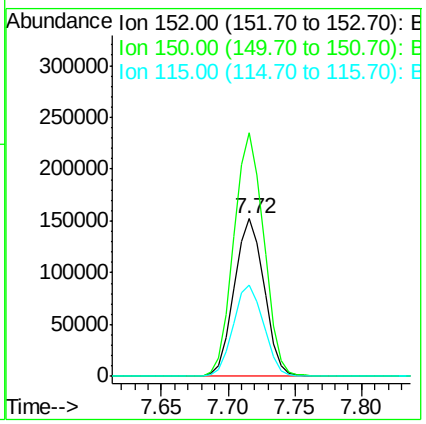


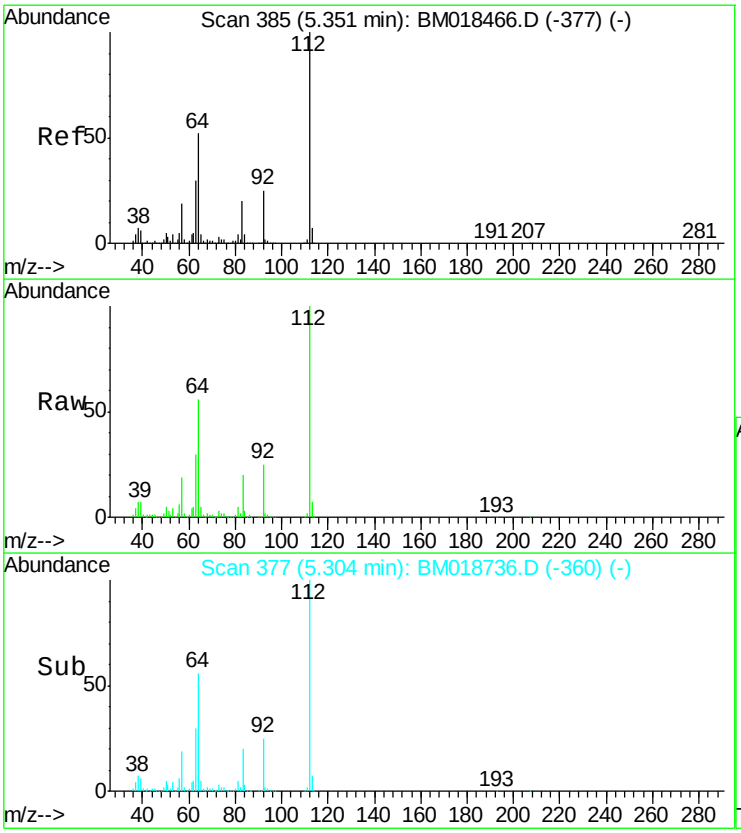
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:152 Resp: 237226

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.9	190.3
115	58.1	45.5	68.3

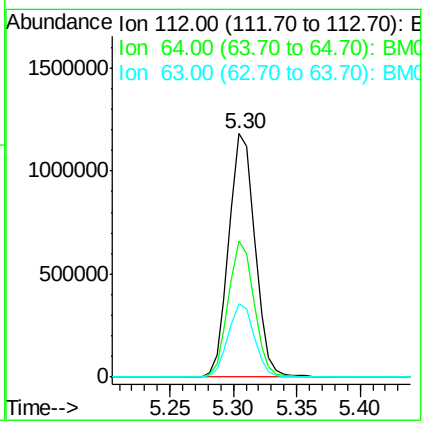


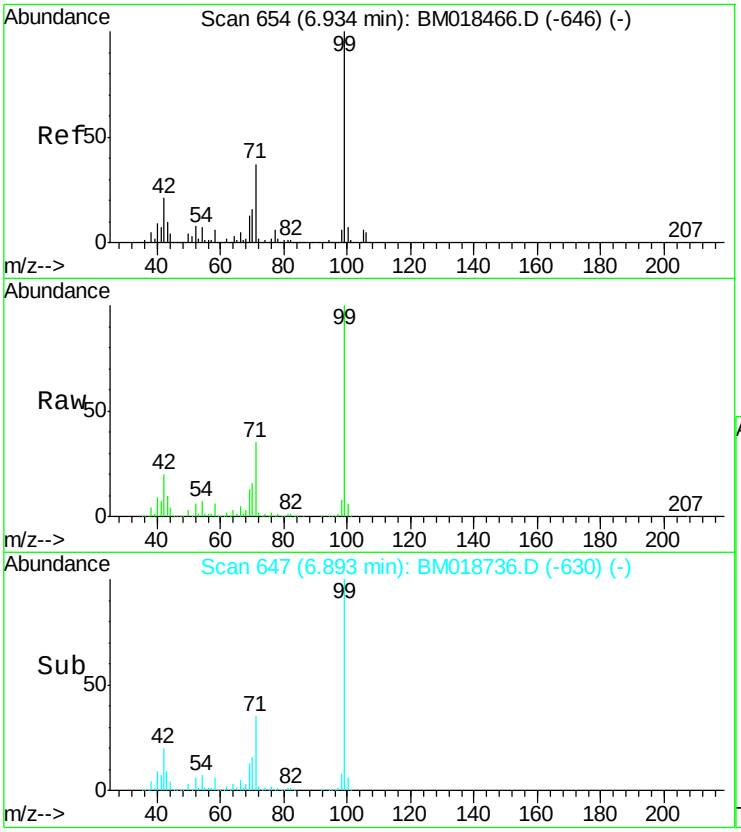


#5
2-Fluorophenol
Concen: 131.40 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Tgt Ion:112 Resp: 1688158

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.5	69.7
63	30.1	25.2	37.8



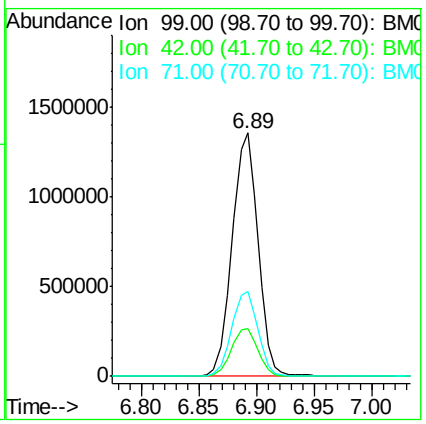


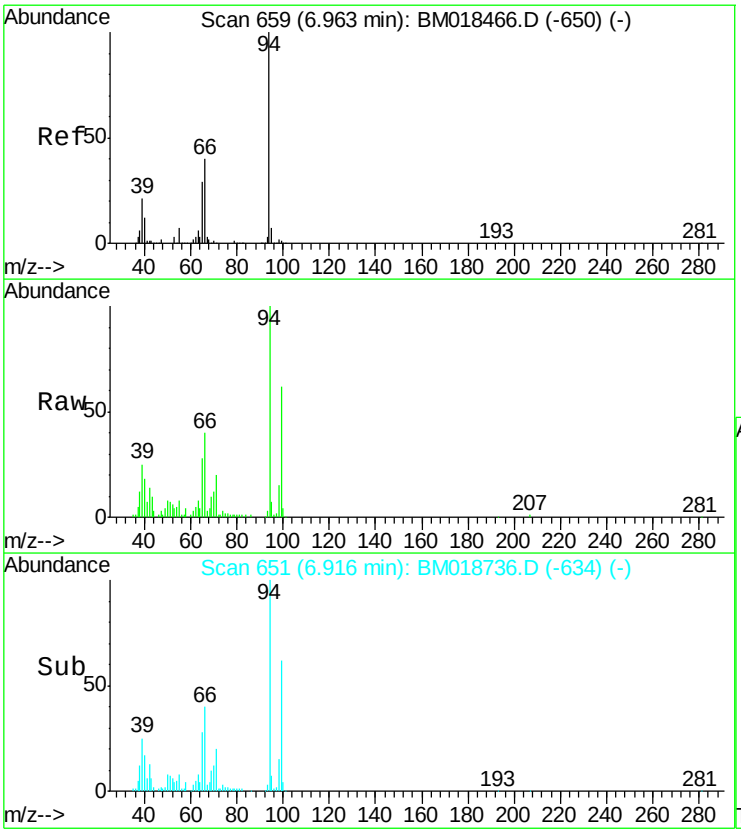
#7
Phenol-d6
Concen: 129.45 ng
RT: 6.89 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion: 99 Resp: 2112285

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.3	25.9
71	35.1	28.0	42.0

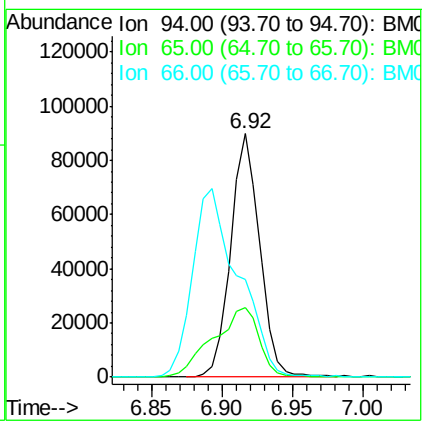


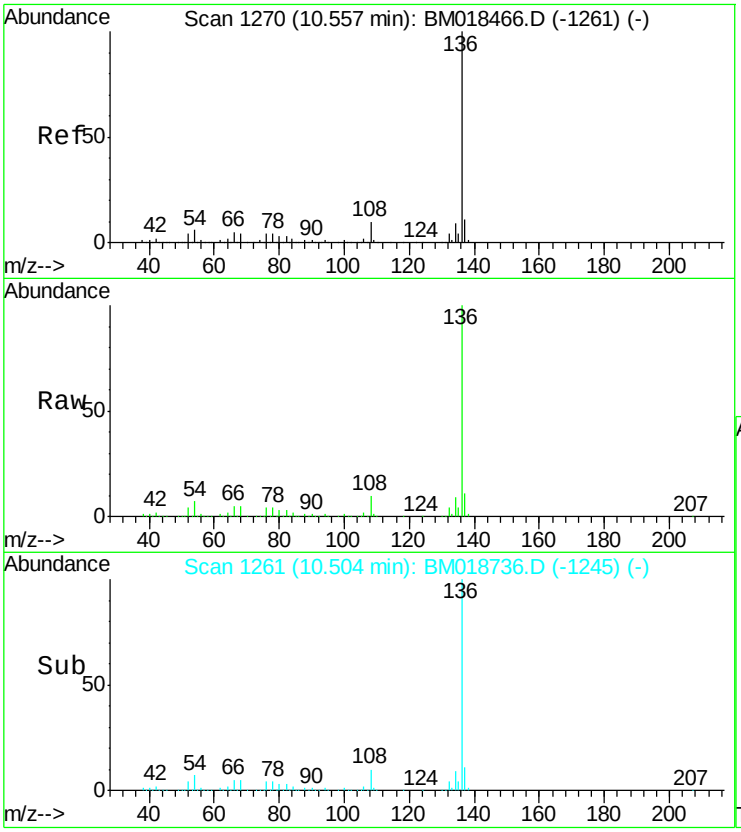


#10
Phenol
Concen: 7.76 ng
RT: 6.92 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Tgt Ion: 94 Resp: 128685

Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.4	49.4
66	40.2	19.1	59.1



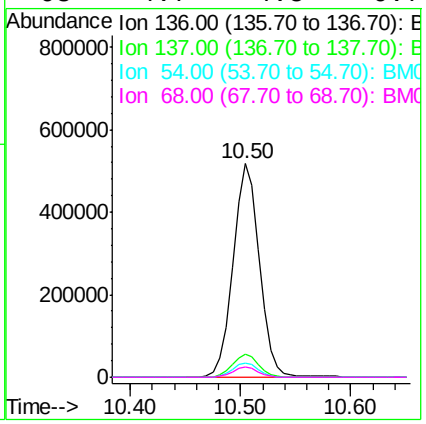


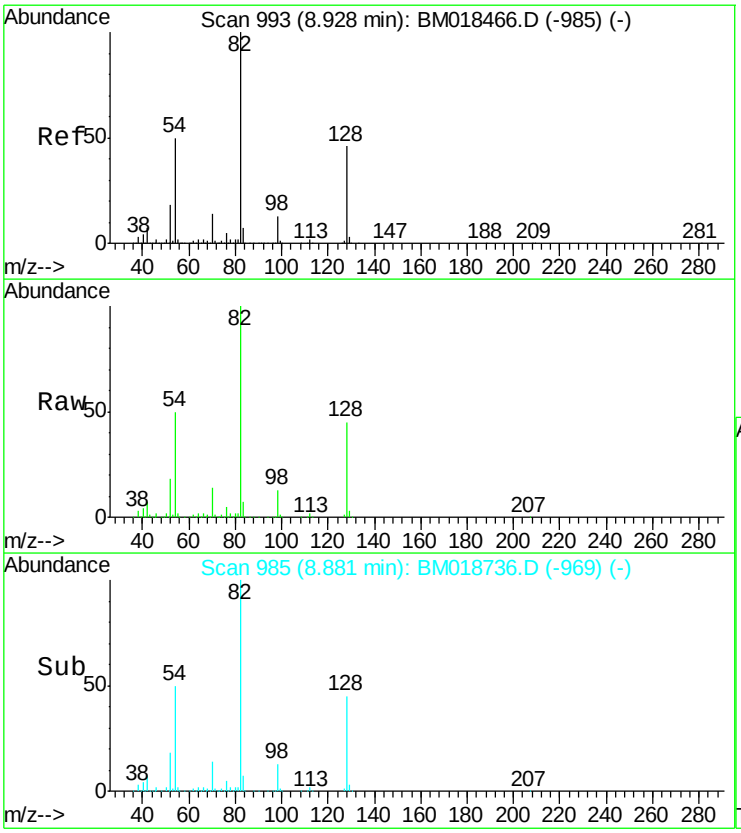
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:136 Resp: 868702

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.5	6.0	9.0
68	4.7	4.5	6.7

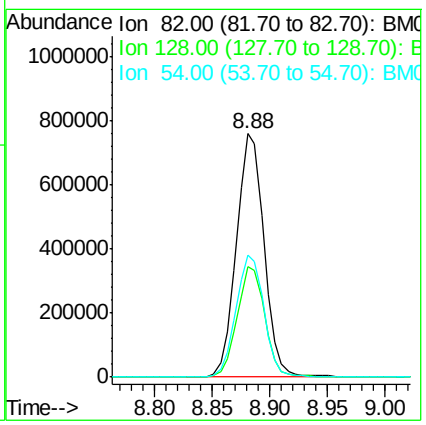


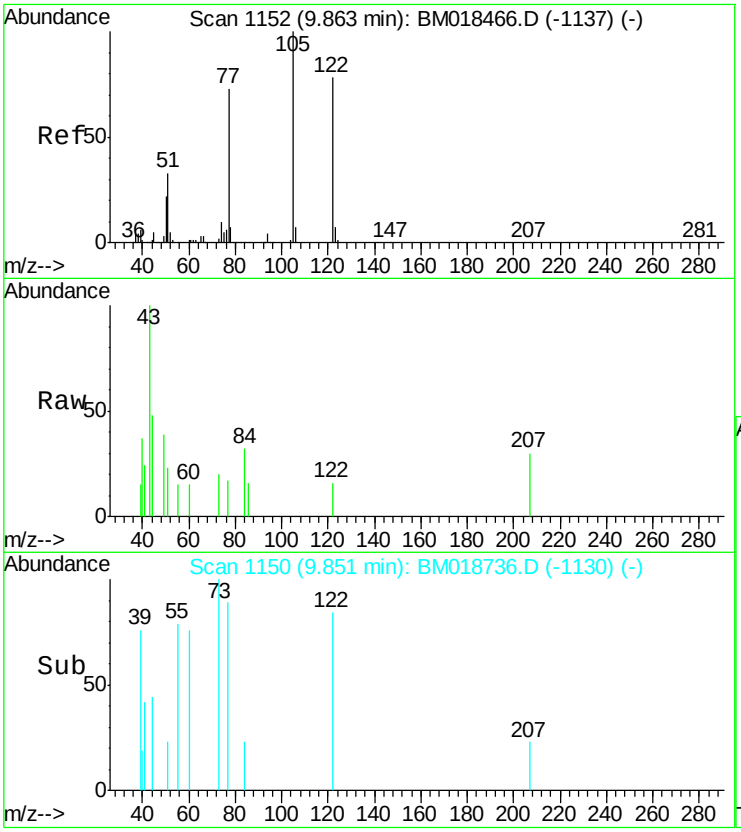


#23
Nitrobenzene-d5
Concen: 84.40 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Tgt Ion: 82 Resp: 1264751

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	50.0	41.7	62.5



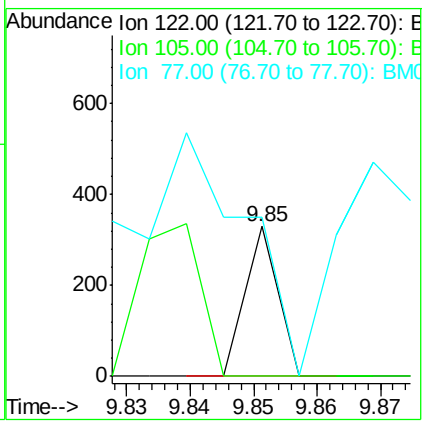


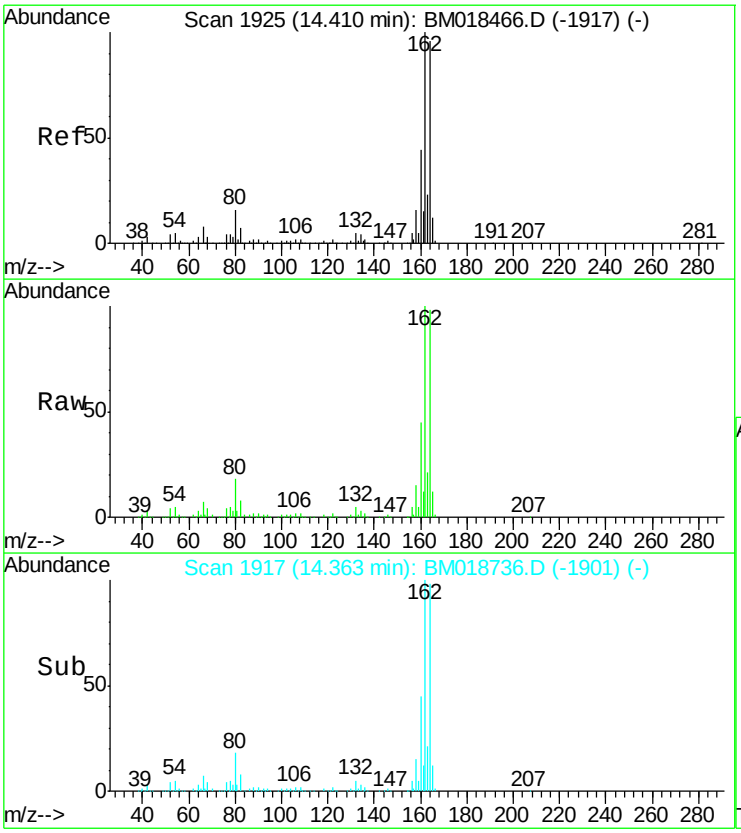
#32
Benzoic acid
Concen: 6.52 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:122 Resp: 116

Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.4	140.4#
77	105.8	71.7	111.7

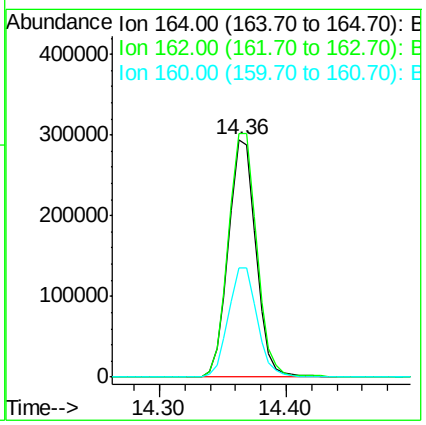


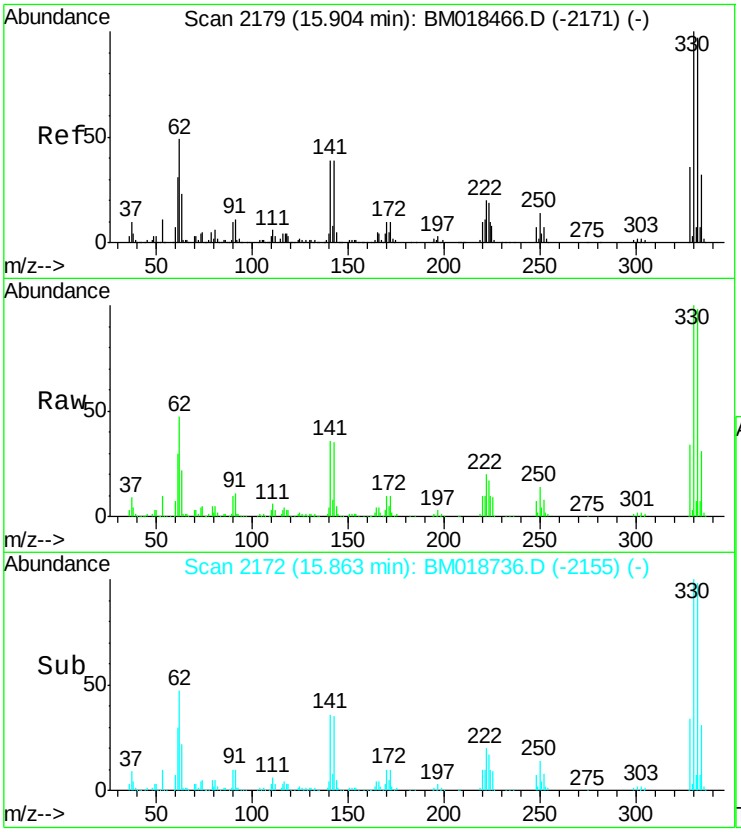


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Tgt Ion:164 Resp: 440235

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.4
160	46.1	37.1	55.7



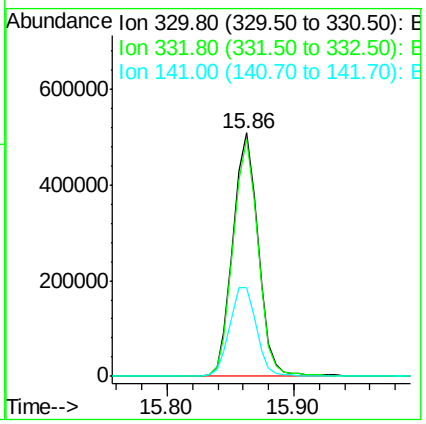


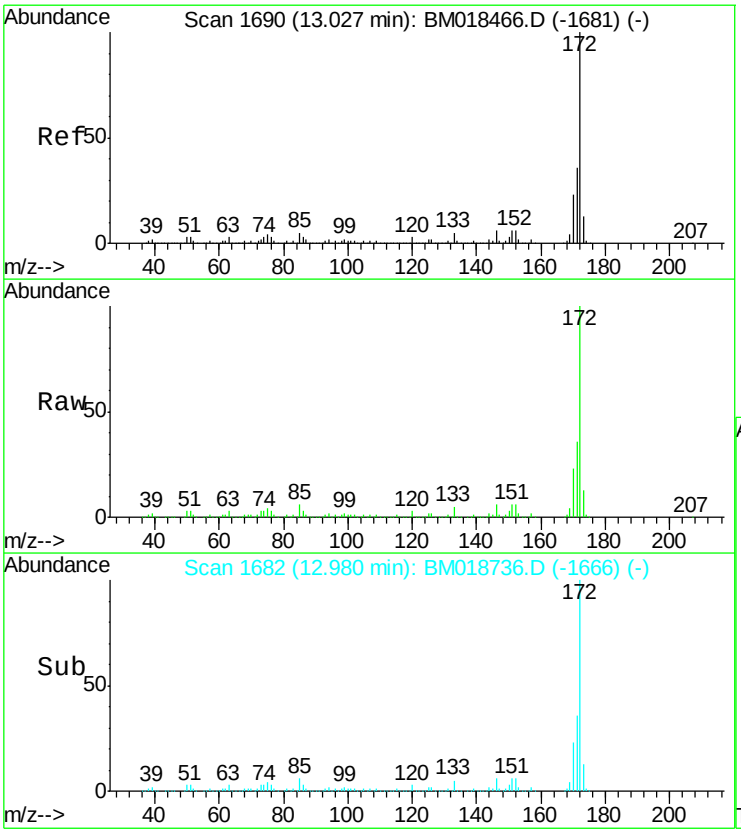
#42
2,4,6-Tribromophenol
Concen: 125.56 ng
RT: 15.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:330 Resp: 703827

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	38.6	31.7	47.5

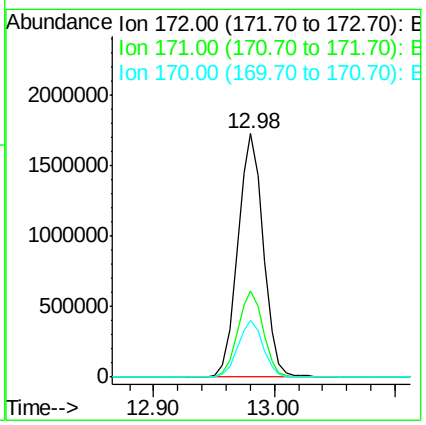


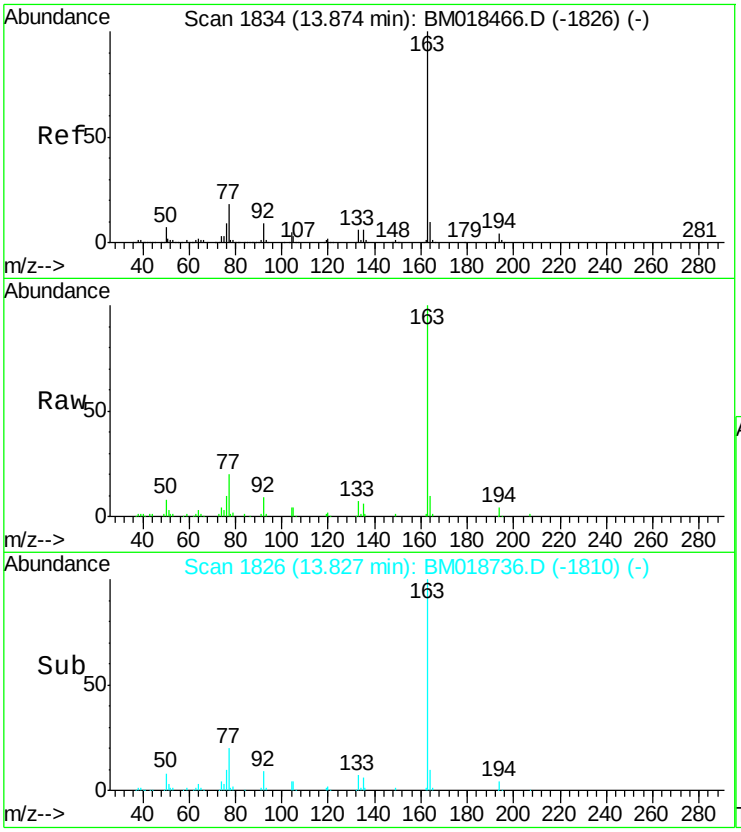


#45
2-Fluorobiphenyl
Concen: 75.24 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Tgt Ion:172 Resp: 2538589

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.4	18.9	28.3



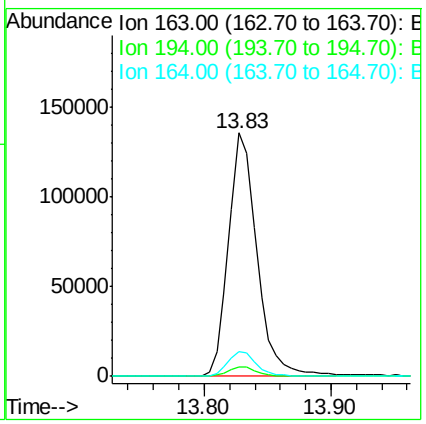


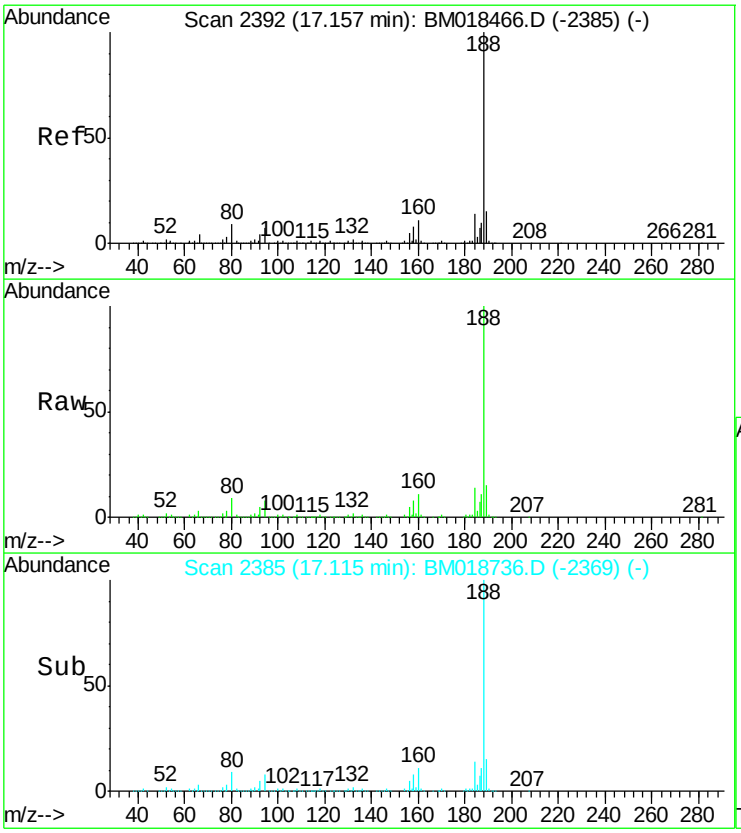
#50
Dimethylphthalate
Concen: 5.83 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:163 Resp: 210934

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.3	7.8	11.8

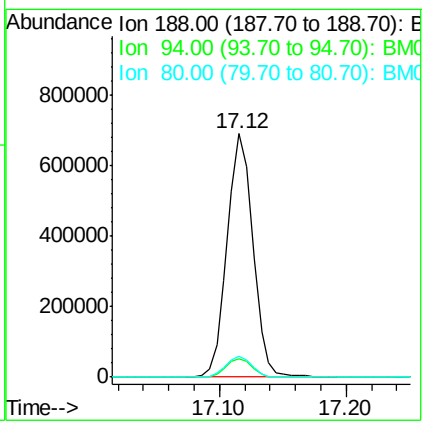


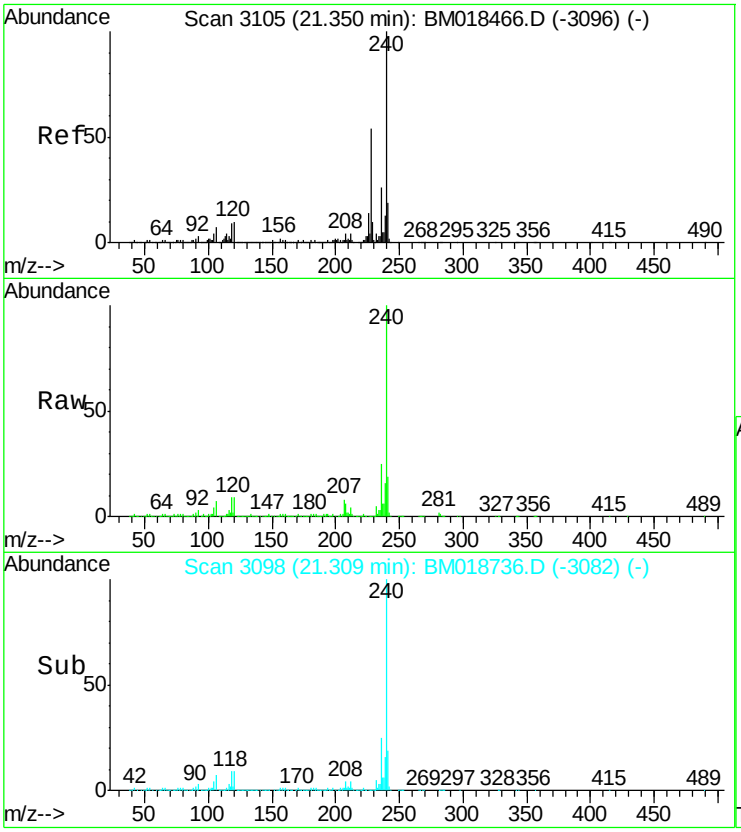


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Tgt Ion:188 Resp: 971317

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



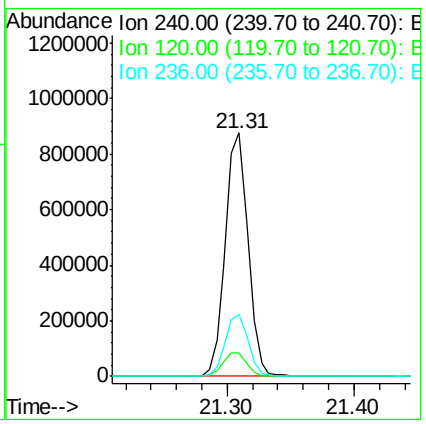


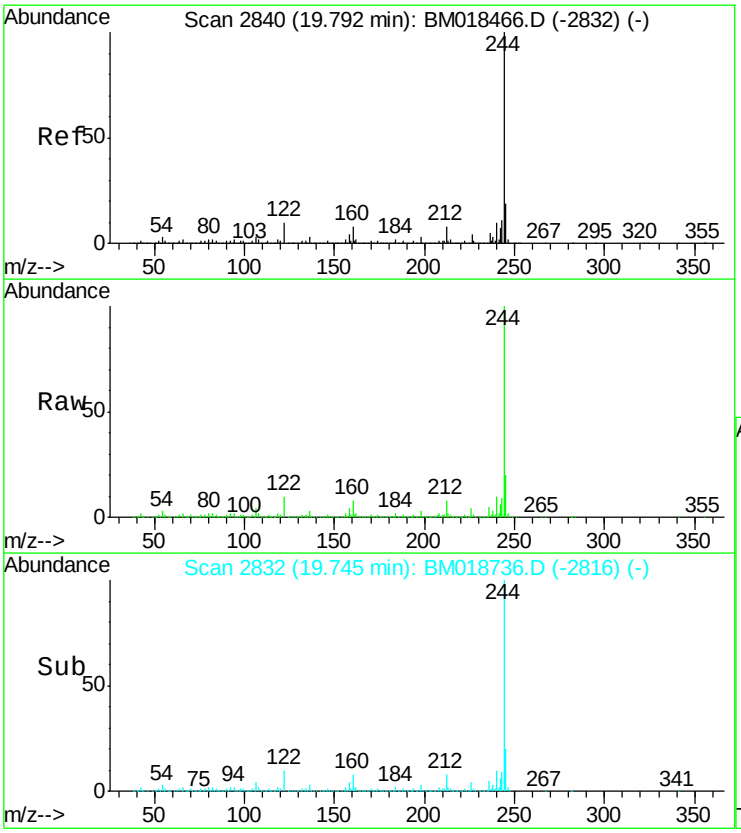
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:240 Resp: 1087623

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	25.5	20.7	31.1

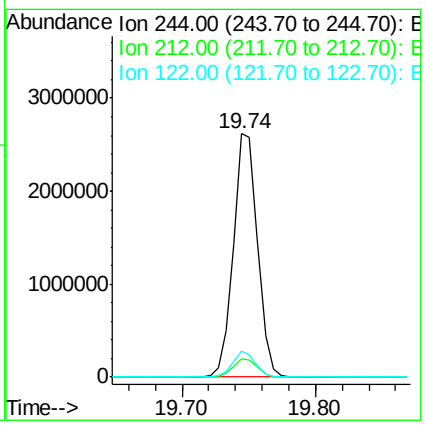


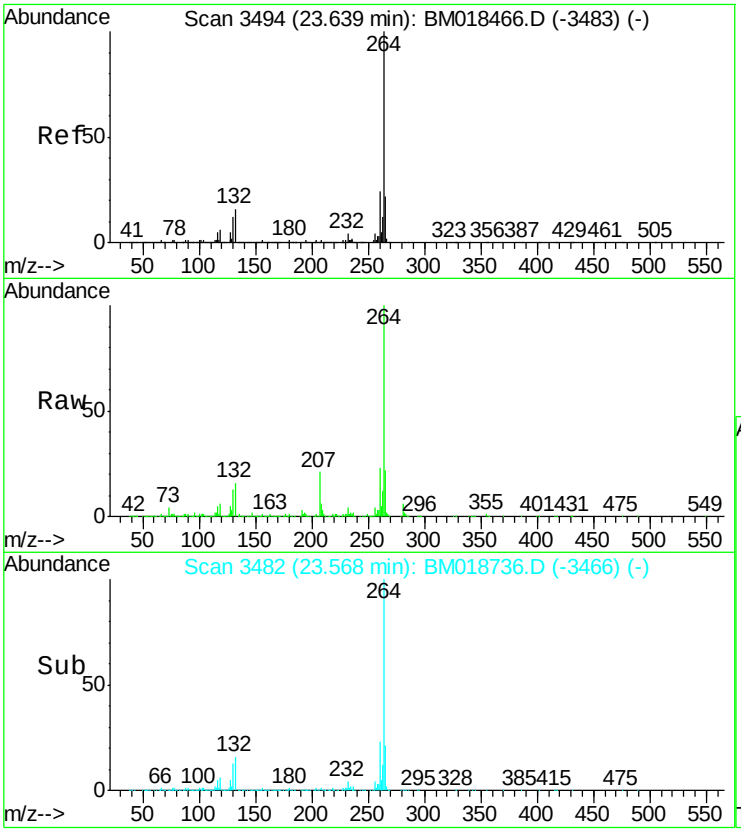


#79
Terphenyl-d14
Concen: 63.97 ng
RT: 19.74 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Tgt Ion:244 Resp: 3300709

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.5	9.0	13.4





#87
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM018736.D
Acq: 07 Feb 2019 14:17

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:264 Resp: 1174270

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.7	16.8	25.2