Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
Data File : BM018359.D
Acq On : 21 Dec 2018 14:21
Operator : JU/SJ
Sample : J6389-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-0612-01

Quant Time: Dec 22 03:49:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	134734	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	497076	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	263160	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	468262	20.00	ng	0.00
76) Chrysene-d12	21.14	240	447010	20.00	ng	0.00
87) Perylene-d12	23.31	264	486910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	965171	119.67	ng	0.00
7) Phenol-d6	6.71	99	1286528	114.76	ng	0.00
23) Nitrobenzene-d5	8.65	82	845656	87.26	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	364720	94.43	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	1613572	79.42	ng	-0.02
79) Terphenyl-d14	19.57	244	1465839	74.16	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.73	94	107912	9.089	ng	90
46) 1,1'-Biphenyl	12.97	154	53397	2.255	ng	90
50) Dimethylphthalate	13.62	163	99319	4.540	ng	97
71) Phenanthrene	16.96	178	106788	4.198	ng	98
78) Pyrene	19.36	202	89143	3.347	ng	97

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

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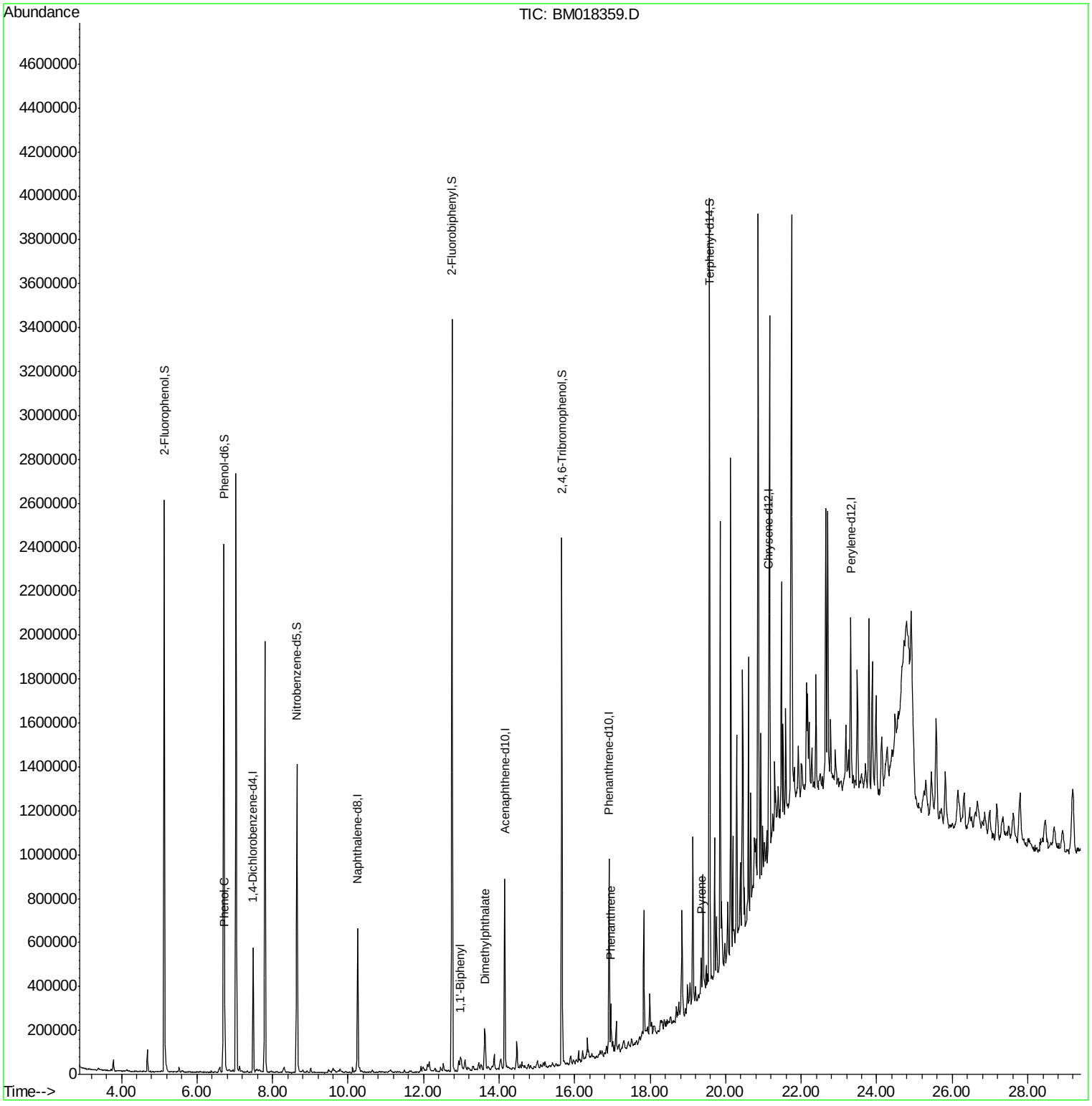
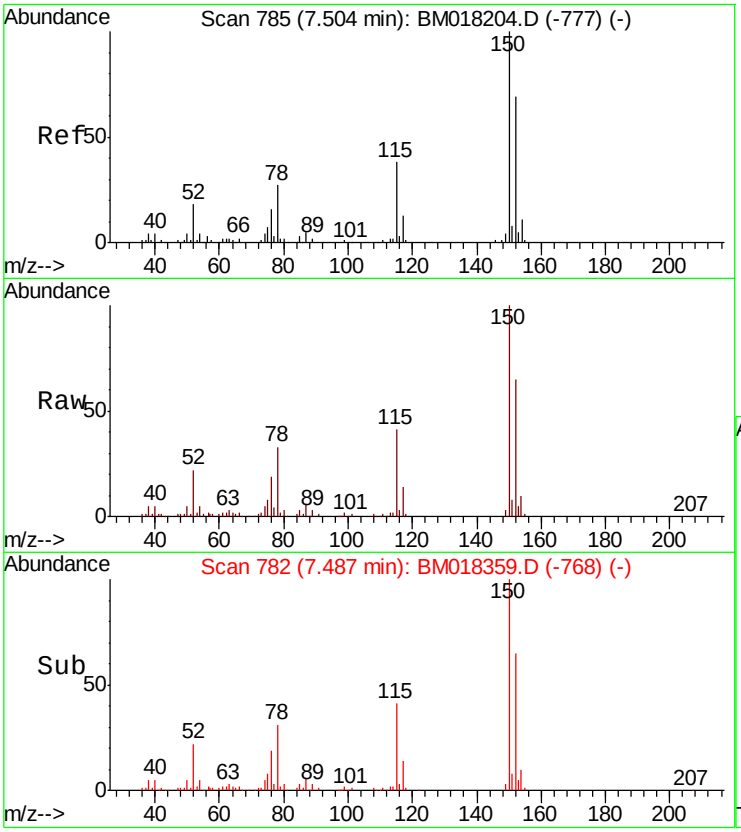


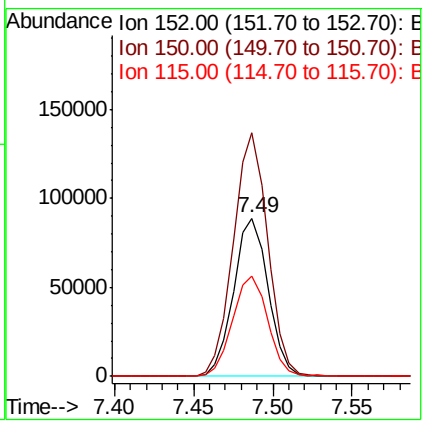


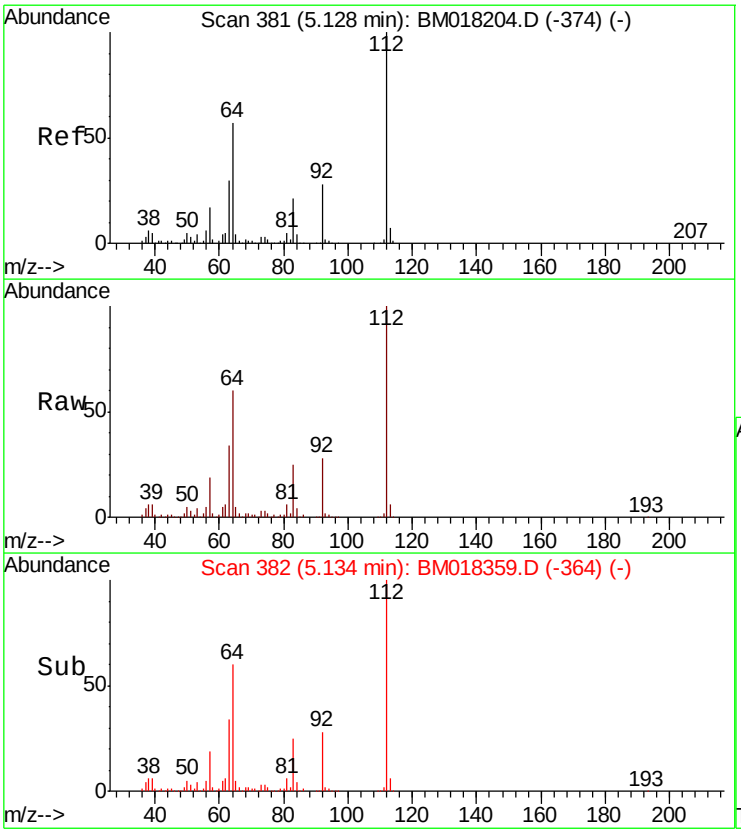
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion:152 Resp: 134734

Ion	Ratio	Lower	Upper
152	100		
150	153.9	116.1	174.1
115	63.0	44.6	67.0

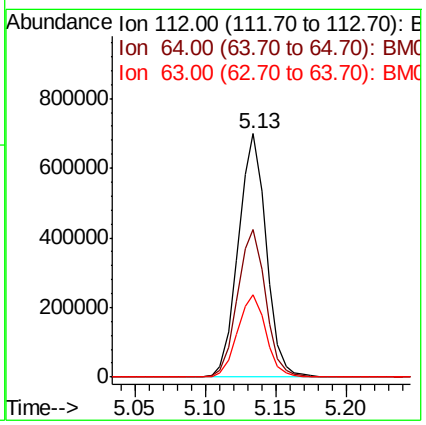


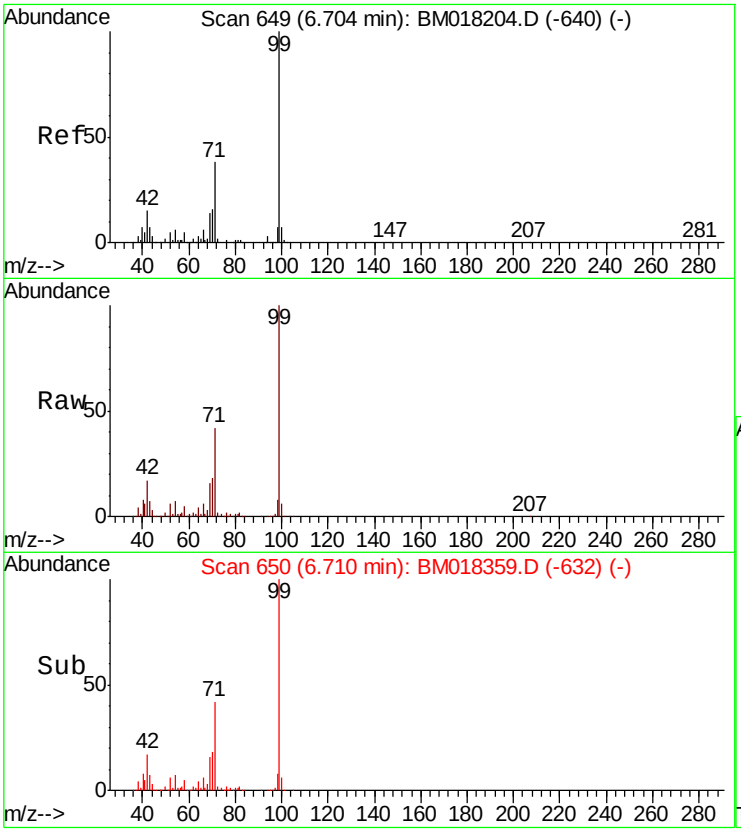


#5
2-Fluorophenol
Concen: 119.666 ng
RT: 5.13 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion:112 Resp: 965171

Ion	Ratio	Lower	Upper
112	100		
64	60.5	45.4	68.2
63	33.7	24.0	36.0



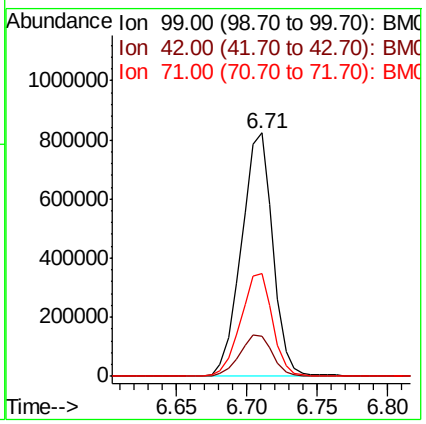


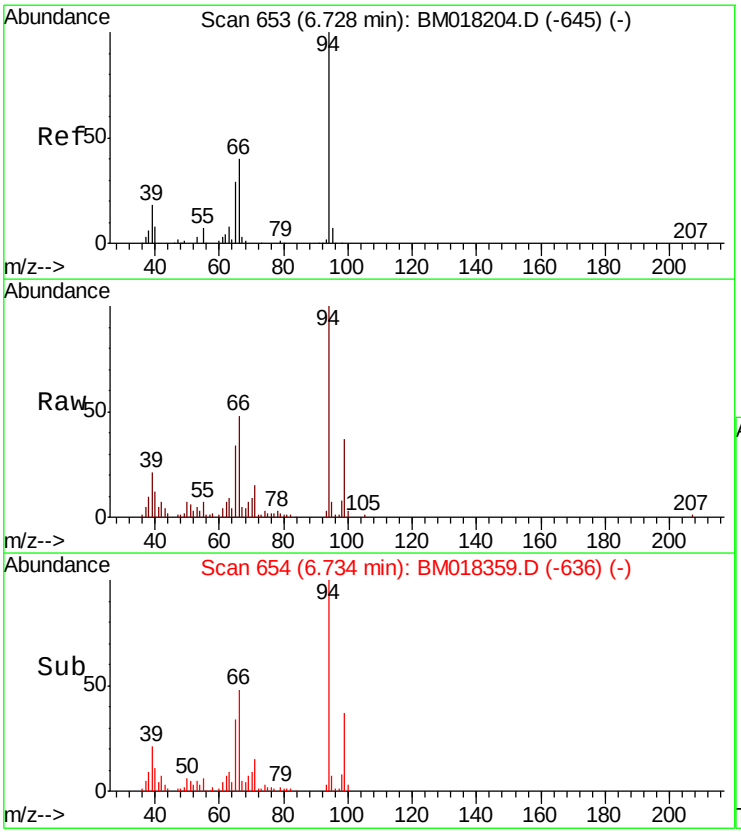
#7
Phenol-d6
Concen: 114.761 ng
RT: 6.71 min Scan# 650
Delta R.T. 0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion: 99 Resp: 1286528

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.3	18.5
71	42.2	30.2	45.2

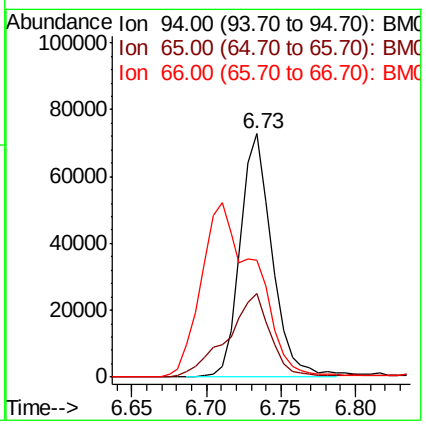


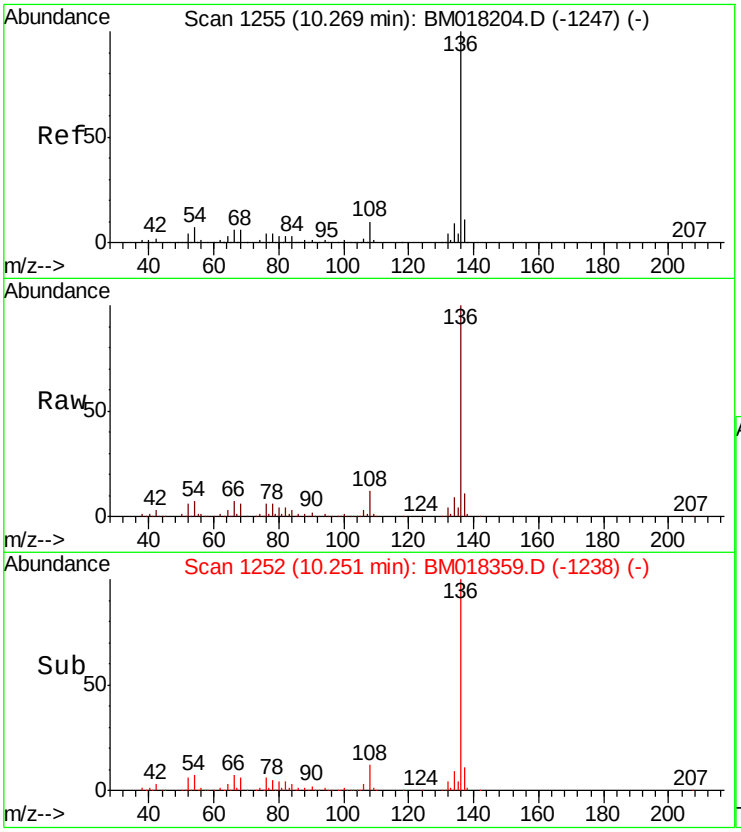


#10
Phenol
Concen: 9.089 ng
RT: 6.73 min Scan# 654
Delta R.T. 0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion: 94 Resp: 107912

Ion	Ratio	Lower	Upper
94	100		
65	34.2	9.5	49.5
66	48.2	21.3	61.3



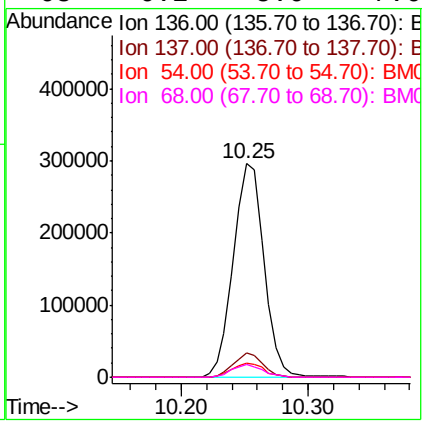


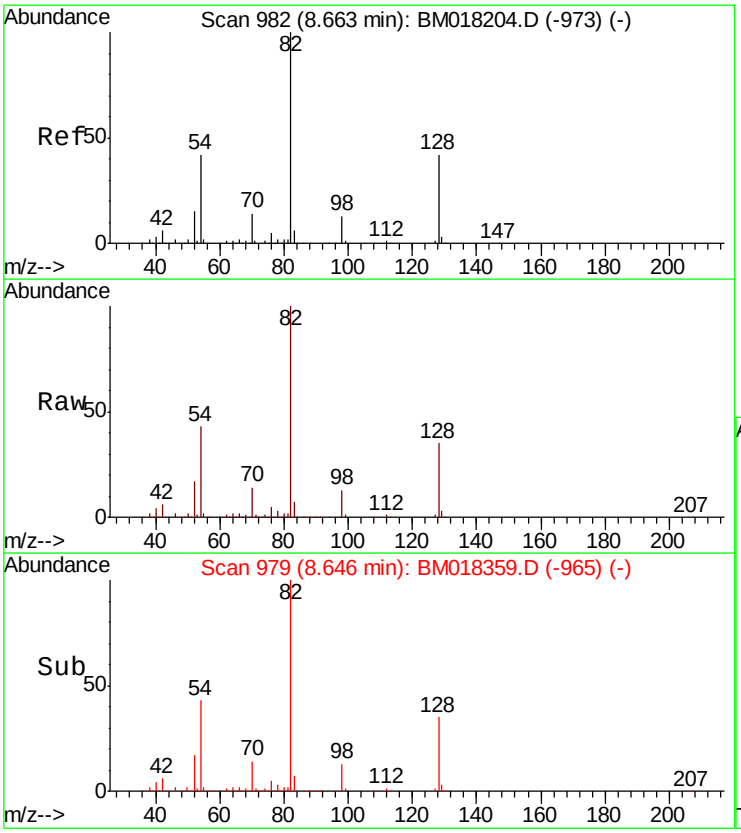
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion:136 Resp: 497076

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.8	5.2	7.8
68	6.2	5.0	7.6

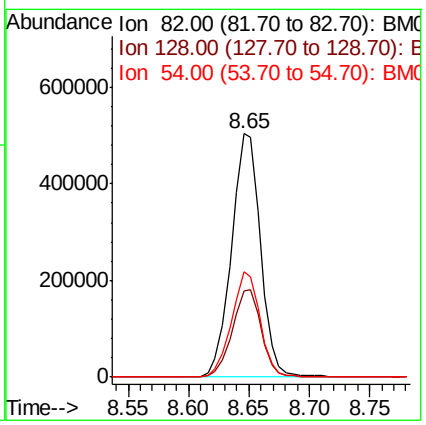


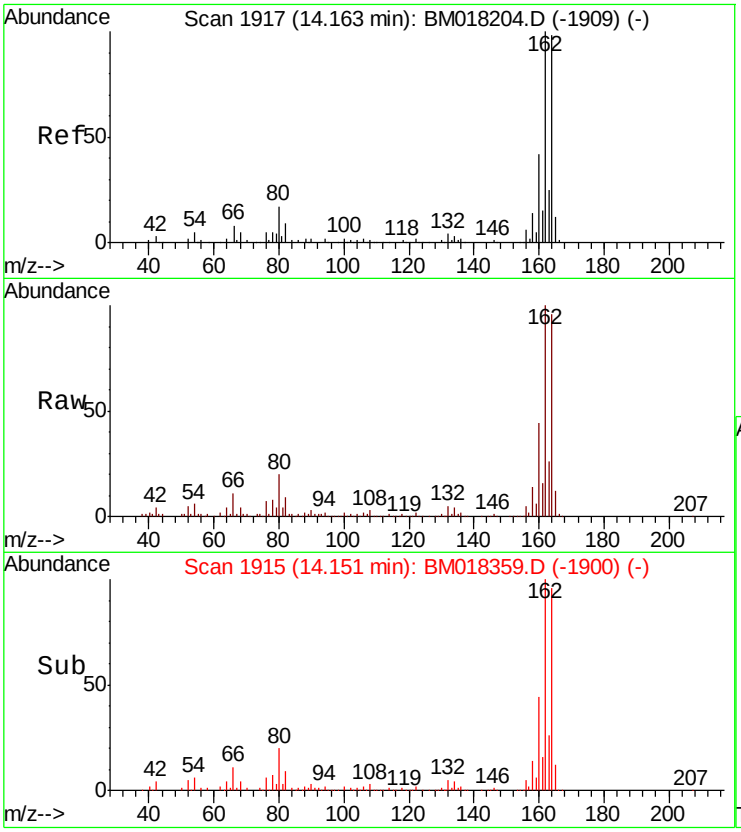


#23
Nitrobenzene-d5
Concen: 87.264 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion: 82 Resp: 845656

Ion	Ratio	Lower	Upper
82	100		
128	35.4	33.4	50.2
54	43.1	33.4	50.2



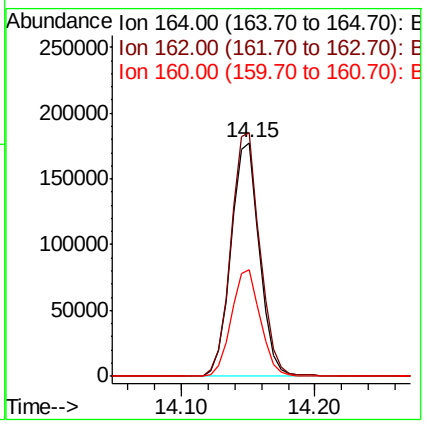


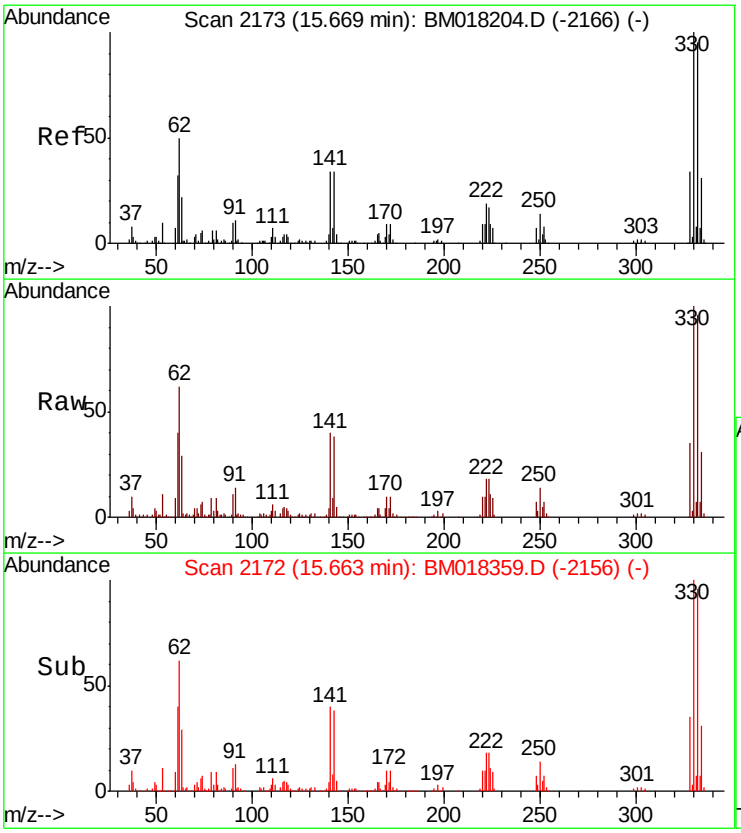
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion:164 Resp: 263160

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.8	122.6
160	45.5	34.6	51.8

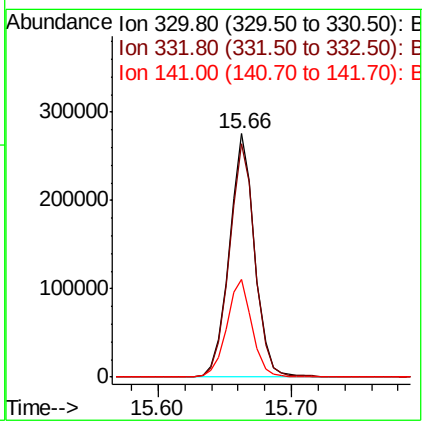


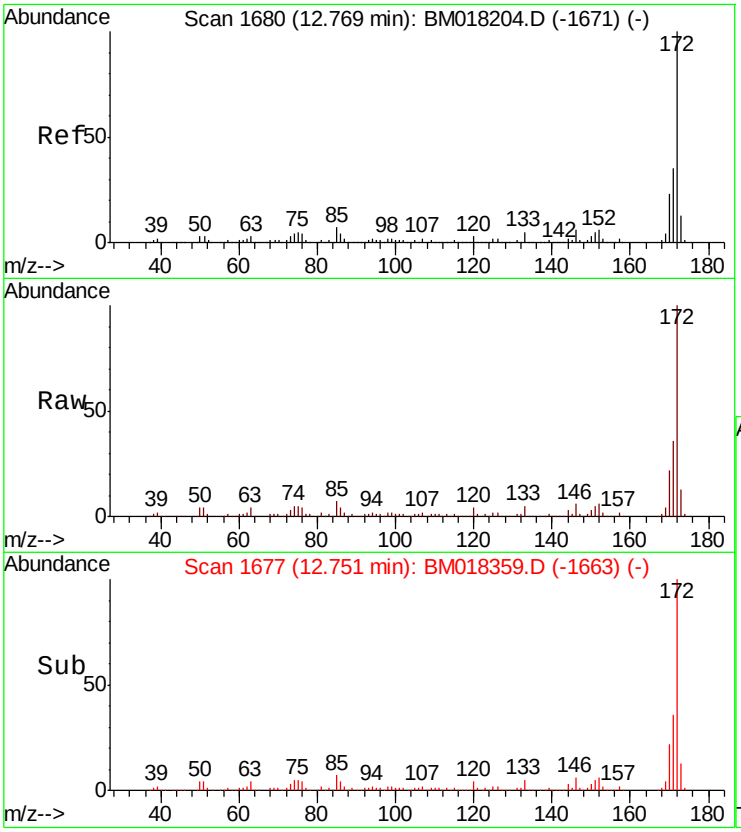


#42
2,4,6-Tribromophenol
Concen: 94.427 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion:330 Resp: 364720

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	118.0
141	40.7	27.1	40.7#



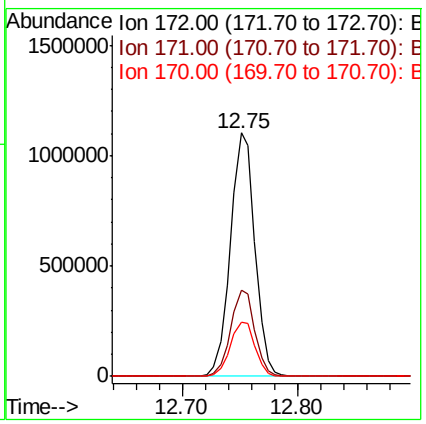


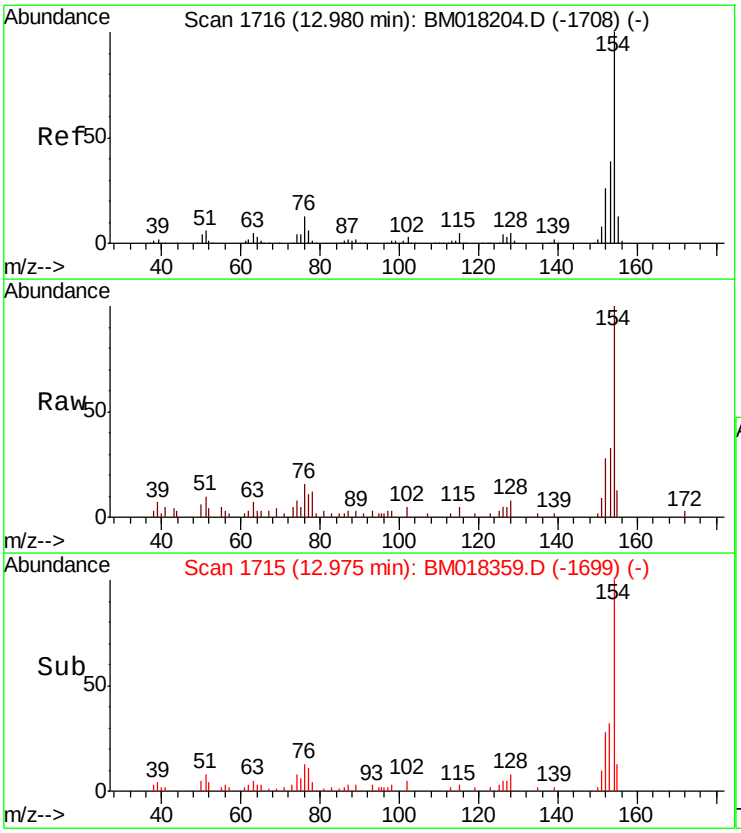
#45
2-Fluorobiphenyl
Concen: 79.418 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion:172 Resp: 1613572

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	22.4	18.1	27.1

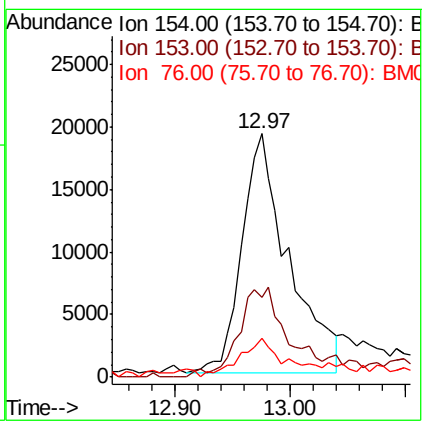


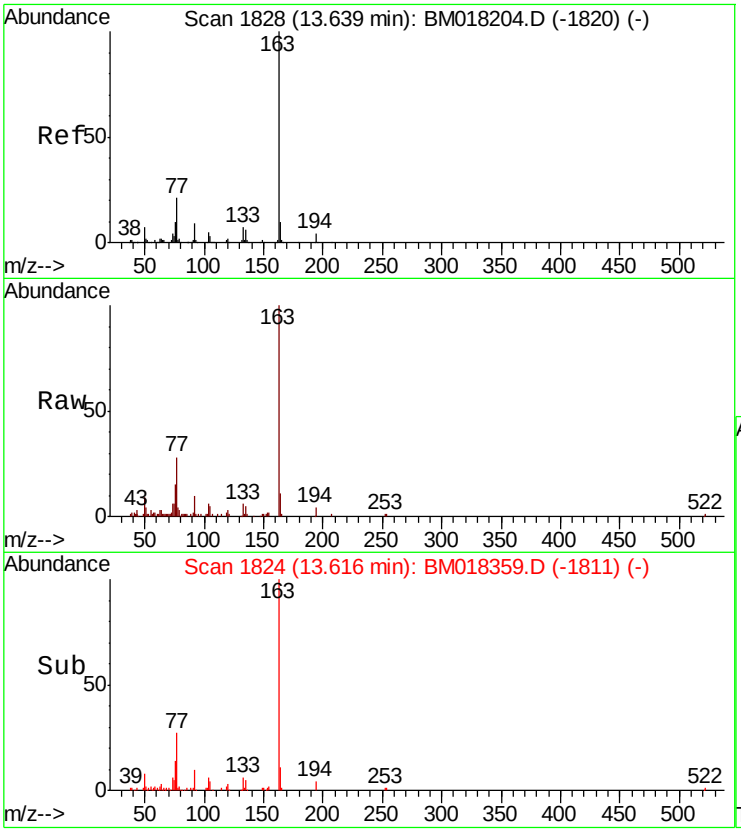


#46
1,1'-Biphenyl
Concen: 2.255 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion:154 Resp: 53397

Ion	Ratio	Lower	Upper
154	100		
153	33.0	19.5	59.5
76	15.9	0.0	33.1



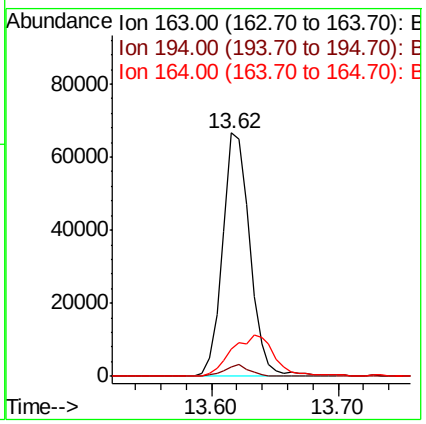


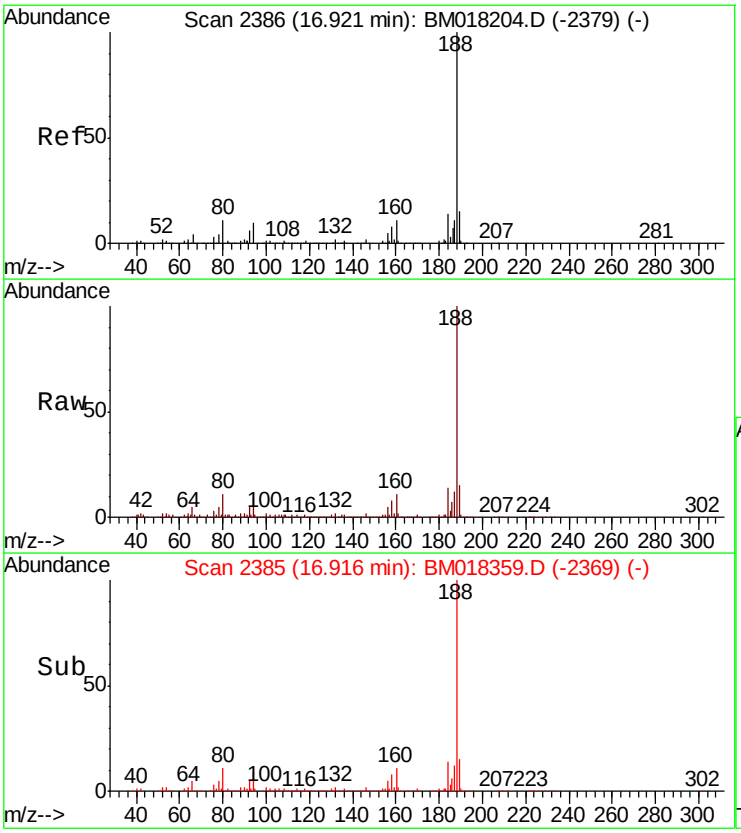
#50
Dimethylphthalate
Concen: 4.540 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion:163 Resp: 99319

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	11.4	7.9	11.9

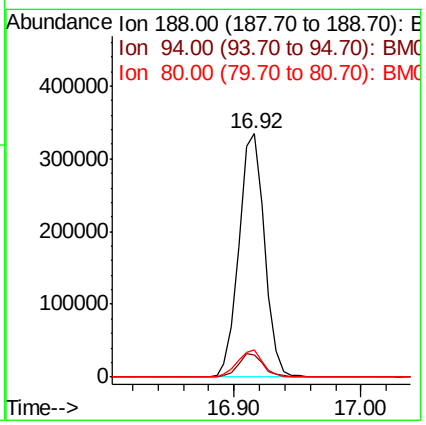


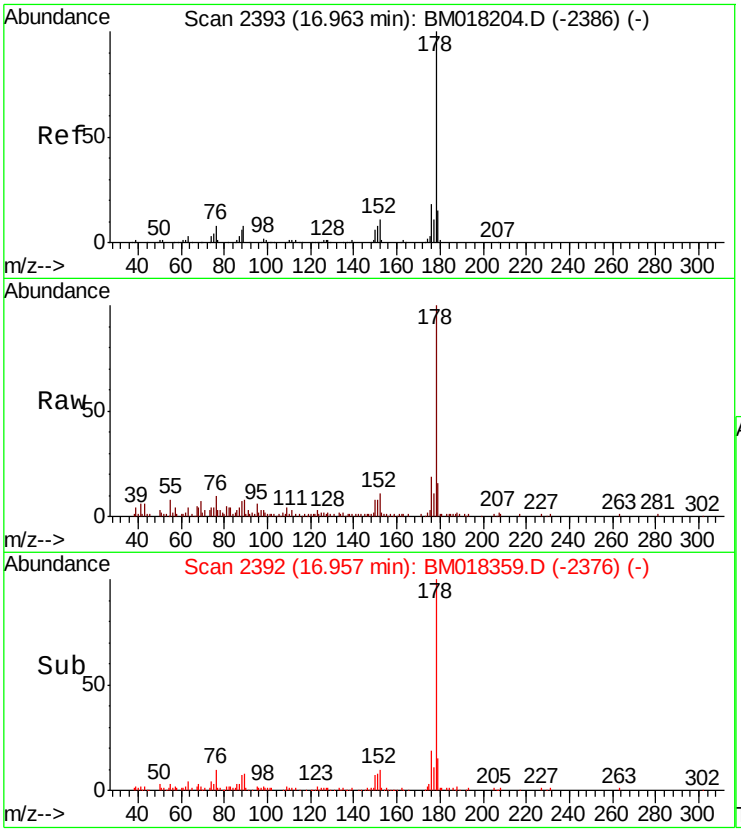


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion:188 Resp: 468262

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	11.3	9.0	13.6



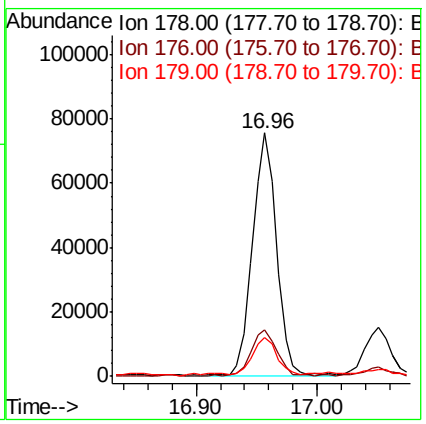


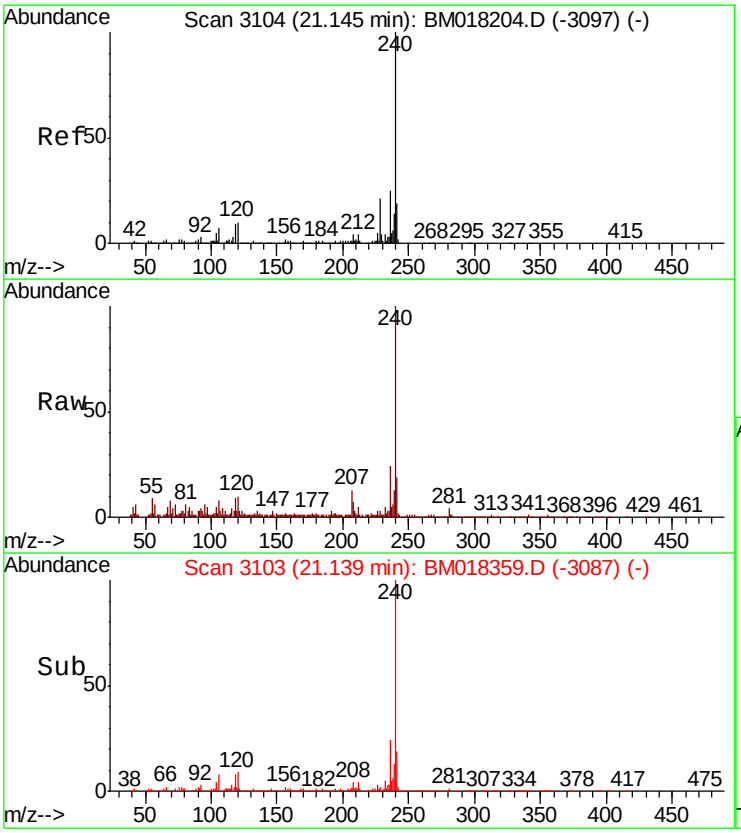
#71
Phenanthrene
Concen: 4.198 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion:178 Resp: 106788

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	15.9	12.0	18.0

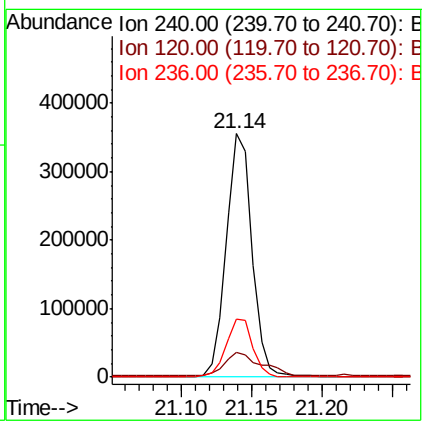


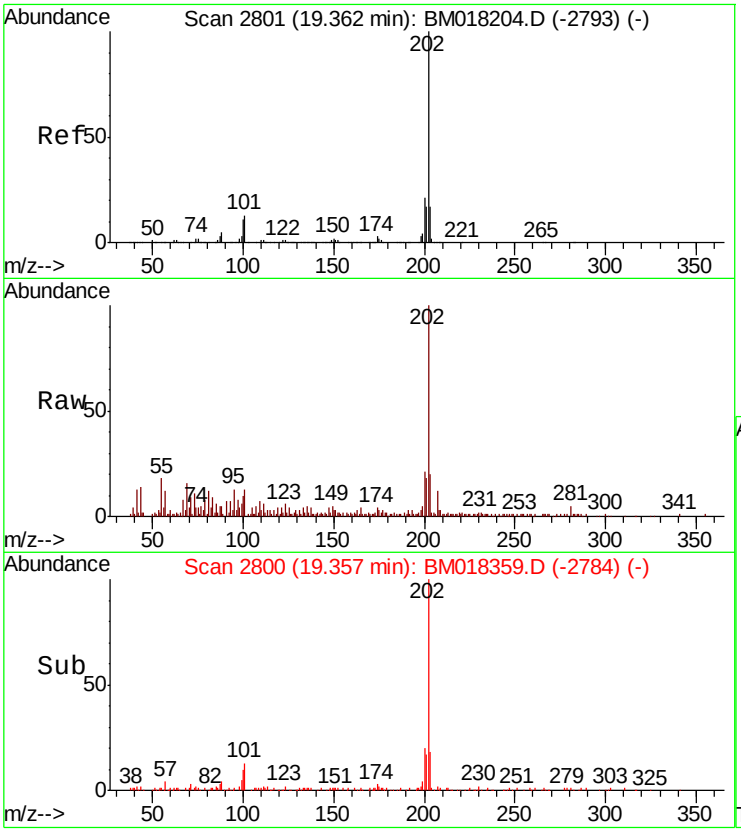


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion:240 Resp: 447010

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	24.1	20.3	30.5



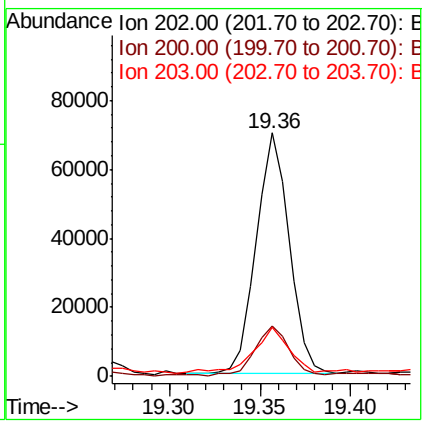


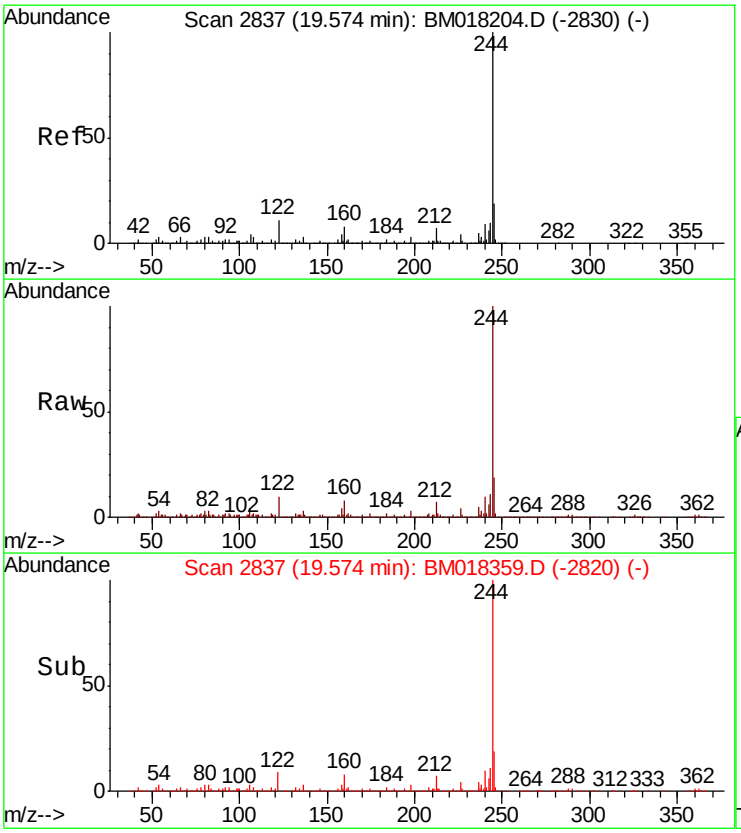
#78
Pyrene
Concen: 3.347 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion:202 Resp: 89143

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	20.1	14.0	21.0

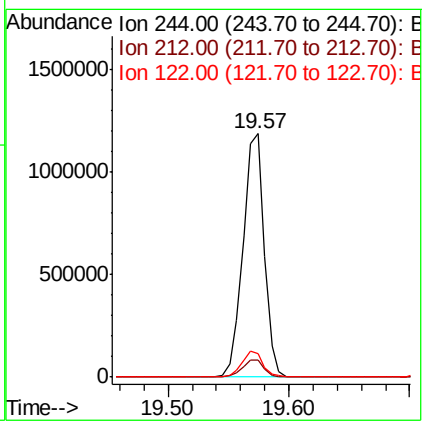


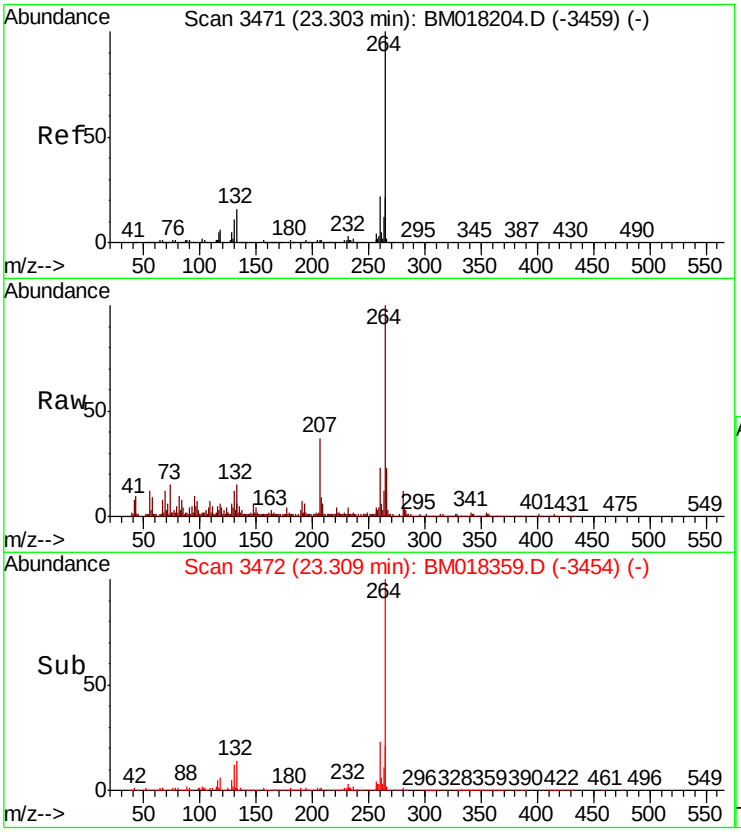


#79
Terphenyl-d14
Concen: 74.164 ng
RT: 19.57 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion:244 Resp: 1465839

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.6	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion:264 Resp: 486910

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	22.9	17.3	25.9