Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018357.D
Acq On : 21 Dec 2018 13:07
Operator : JU/SJ
Sample : J6389-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS015-0006-01

Quant Time: Dec 22 04:08:42 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	7.48	152	119183	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	428123	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	207293	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	374716	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	441116	20.00	ng	0.00
87) Perylene-d12	23.31	264	455087	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	838628	117.54	ng	0.00
7) Phenol-d6	6.70	99	1094240	110.34	ng	0.00
23) Nitrobenzene-d5	8.65	82	730693	87.54	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	276136	90.76	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1232959	77.04	ng	-0.02
79) Terphenyl-d14	19.57	244	1272977	65.27	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.73	94	95822	9.124	ng	91
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	16787	2.355	ng	95
46) 1,1'-Biphenyl	12.97	154	58195	3.121	ng	92
50) Dimethylphthalate	13.62	163	117533	6.820	ng	96
68) Hexachlorobenzene	16.22	284	40218	8.089	ng	95

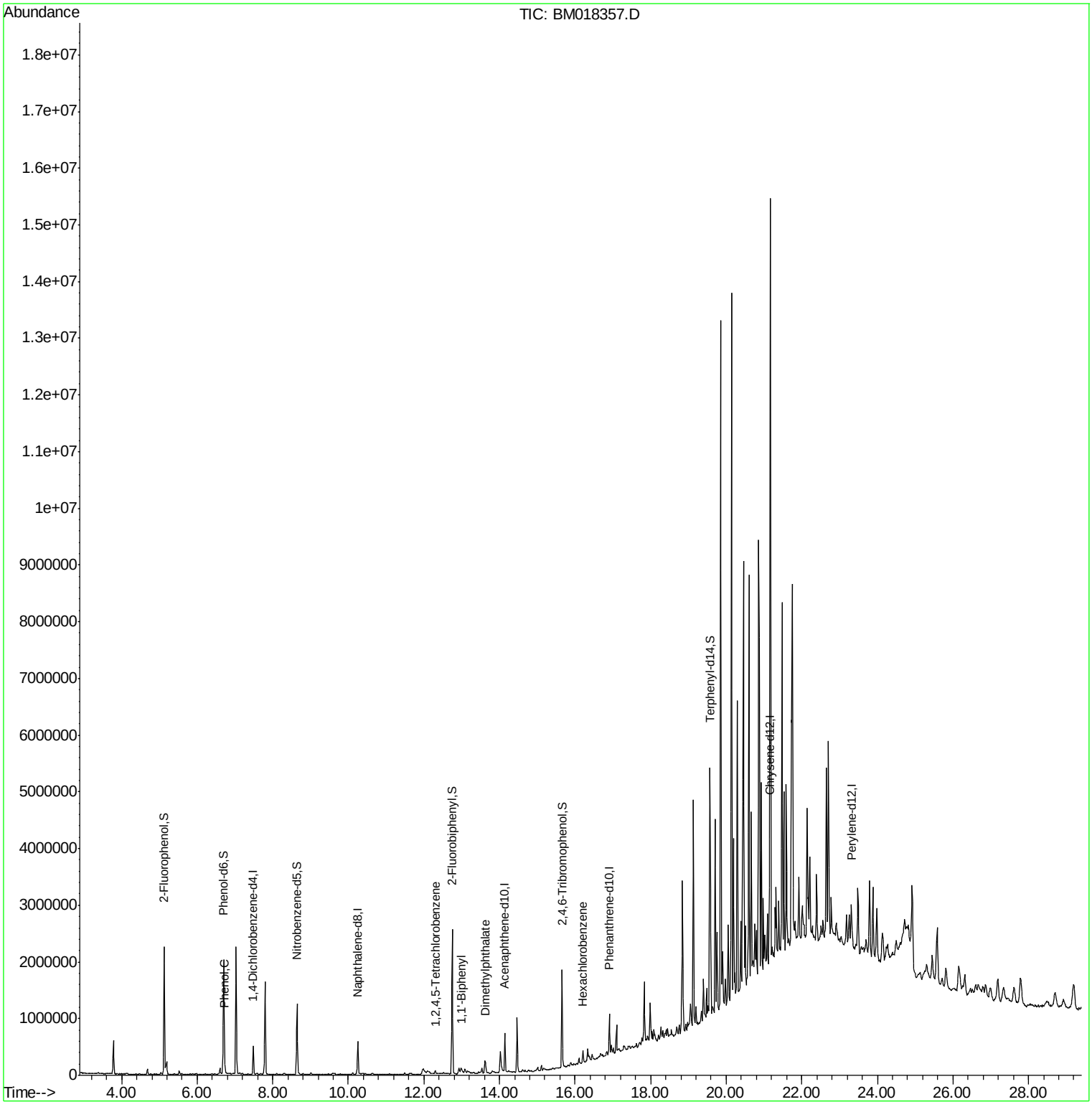
(#) = qualifier out of range (m) = manual integration (+) = signals summed

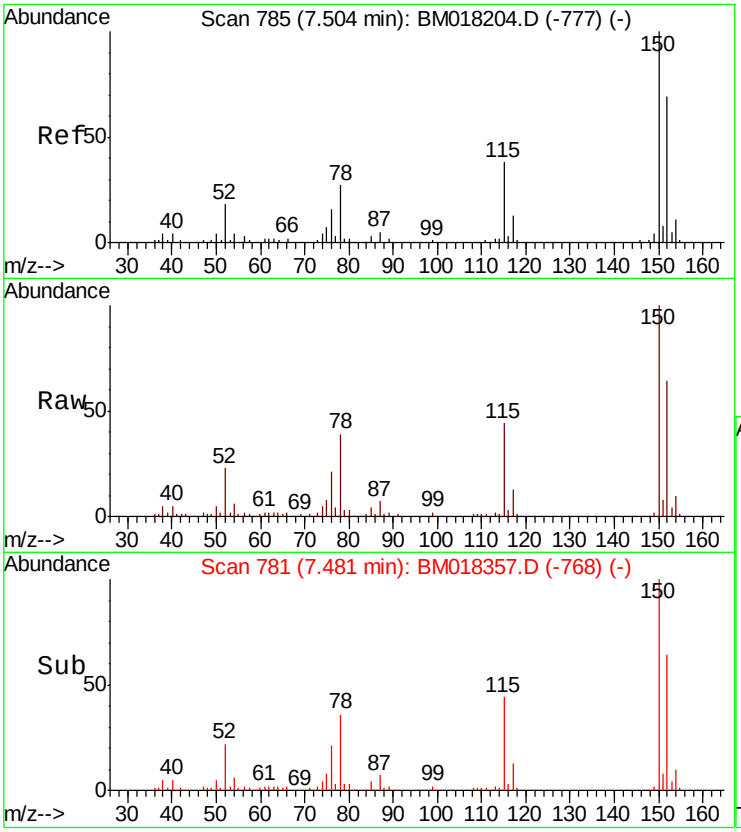
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018357.D
Acq On : 21 Dec 2018 13:07
Operator : JU/SJ
Sample : J6389-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Quant Time: Dec 22 04:08:42 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



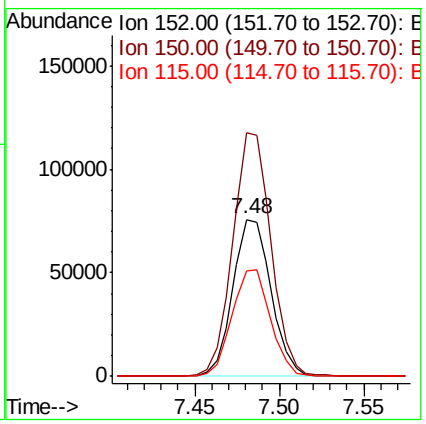


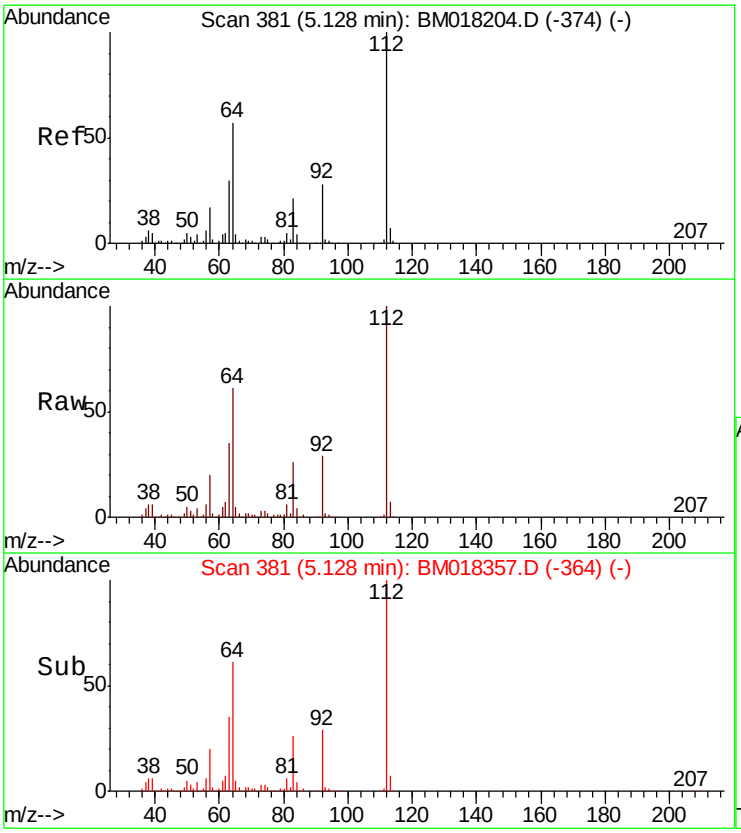
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tgt Ion:152 Resp: 119183

Ion	Ratio	Lower	Upper
152	100		
150	155.1	116.1	174.1
115	67.5	44.6	67.0#

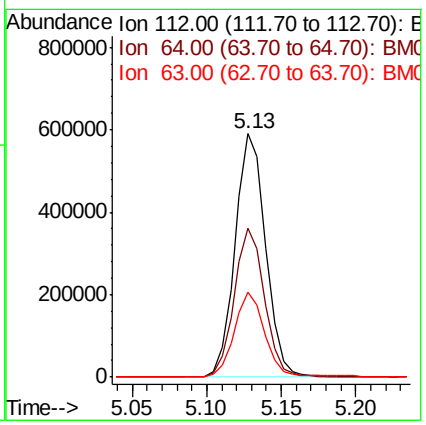


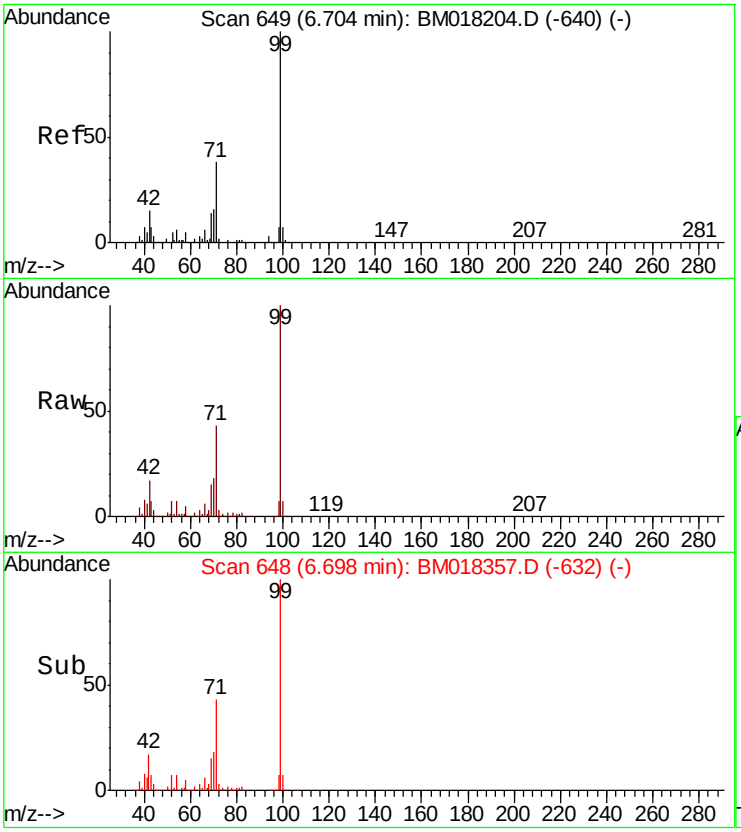


#5
2-Fluorophenol
Concen: 117.543 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Tgt Ion:112 Resp: 838628

Ion	Ratio	Lower	Upper
112	100		
64	61.1	45.4	68.2
63	34.7	24.0	36.0



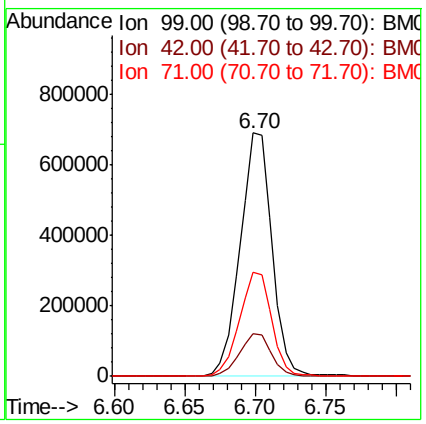


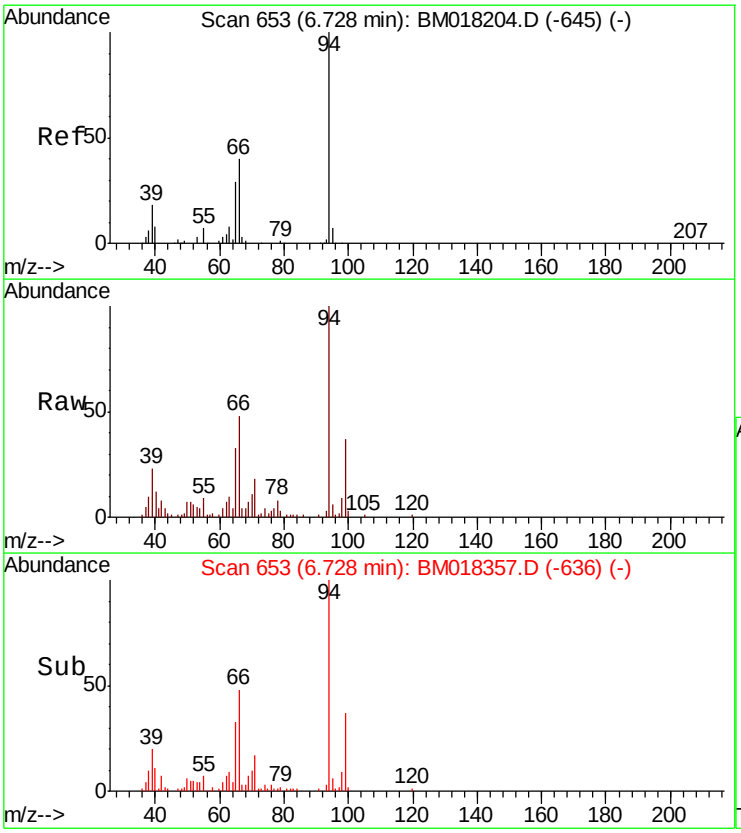
#7
Phenol-d6
Concen: 110.345 ng
RT: 6.70 min Scan# 648
Delta R.T. -0.01 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tgt Ion: 99 Resp: 1094240

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.3	18.5
71	42.8	30.2	45.2

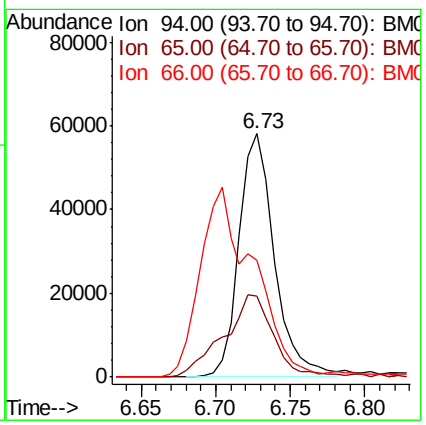


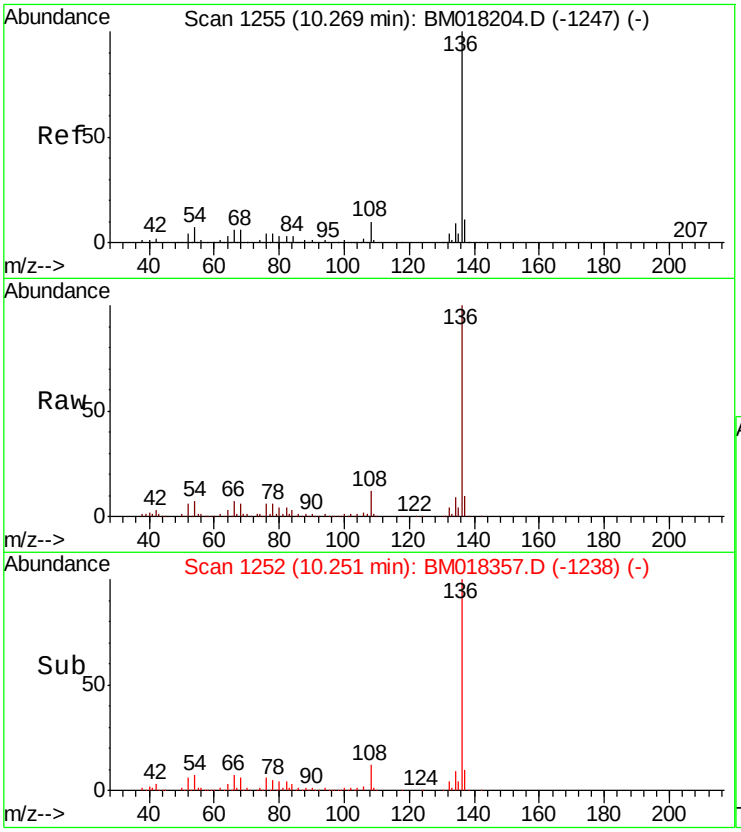


#10
Phenol
Concen: 9.124 ng
RT: 6.73 min Scan# 653
Delta R.T. -0.00 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Tgt Ion: 94 Resp: 95822

Ion	Ratio	Lower	Upper
94	100		
65	33.3	9.5	49.5
66	48.2	21.3	61.3



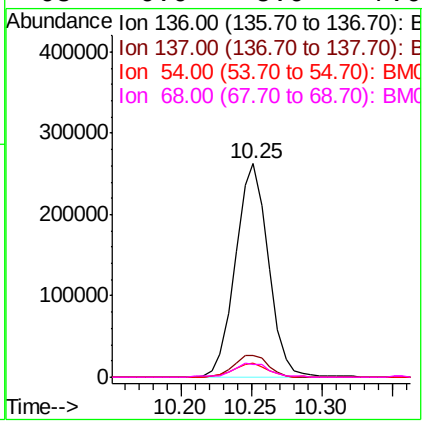


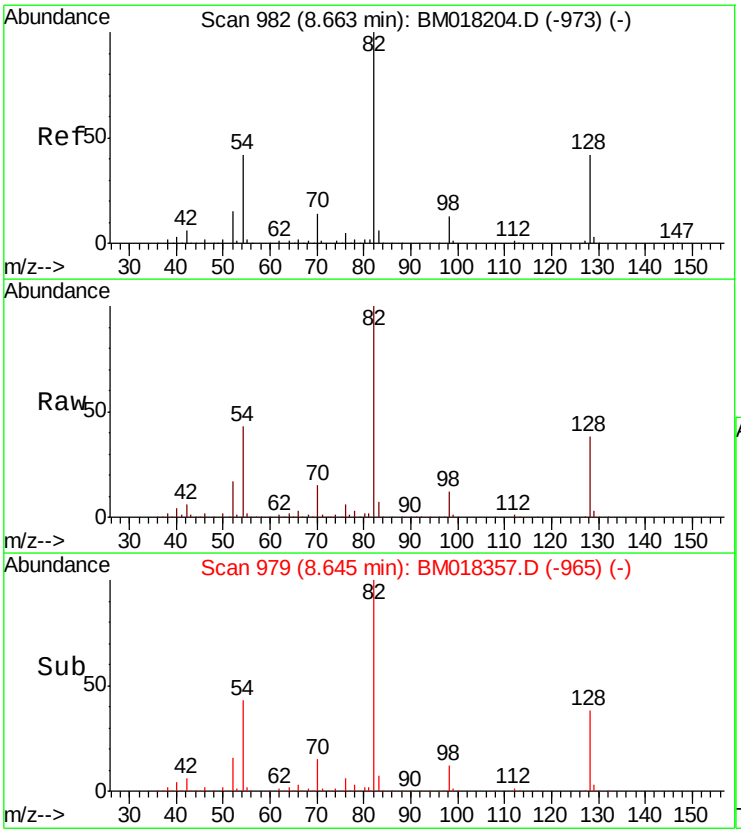
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tgt Ion:136 Resp: 428123

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	6.7	5.2	7.8
68	6.0	5.0	7.6

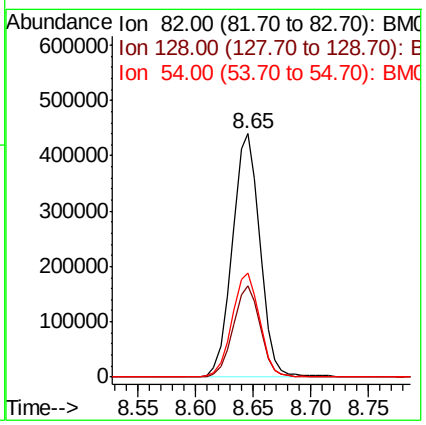


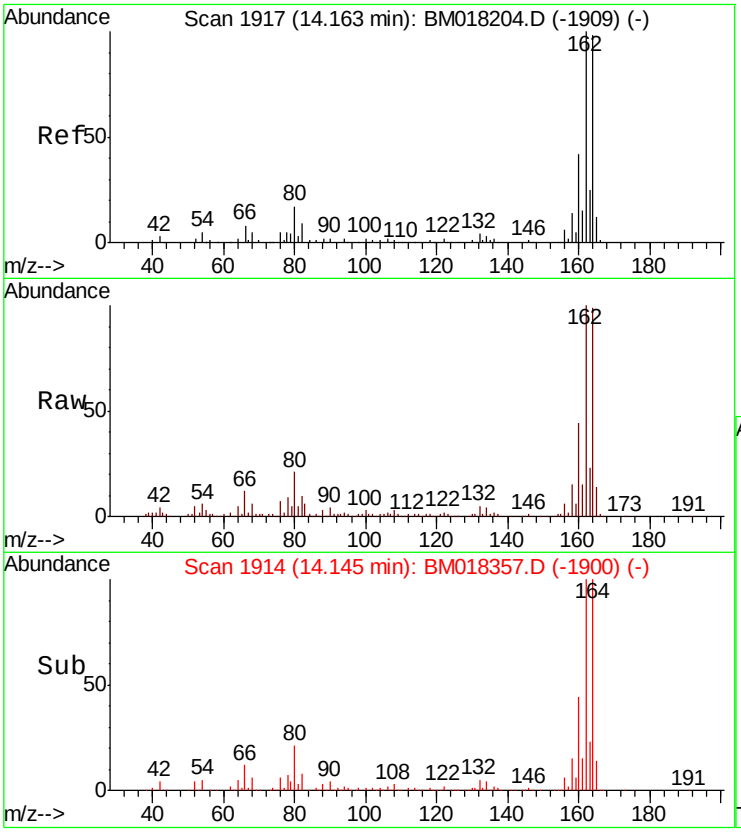


#23
Nitrobenzene-d5
Concen: 87.545 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Tgt Ion: 82 Resp: 730693

Ion	Ratio	Lower	Upper
82	100		
128	37.5	33.4	50.2
54	43.0	33.4	50.2



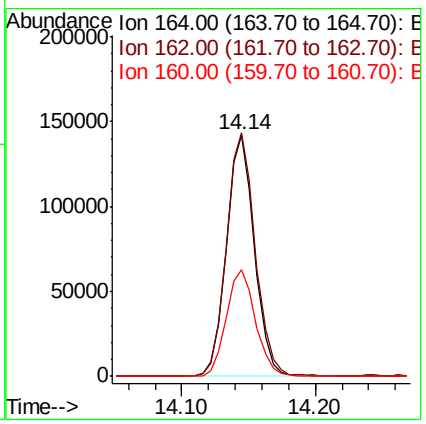


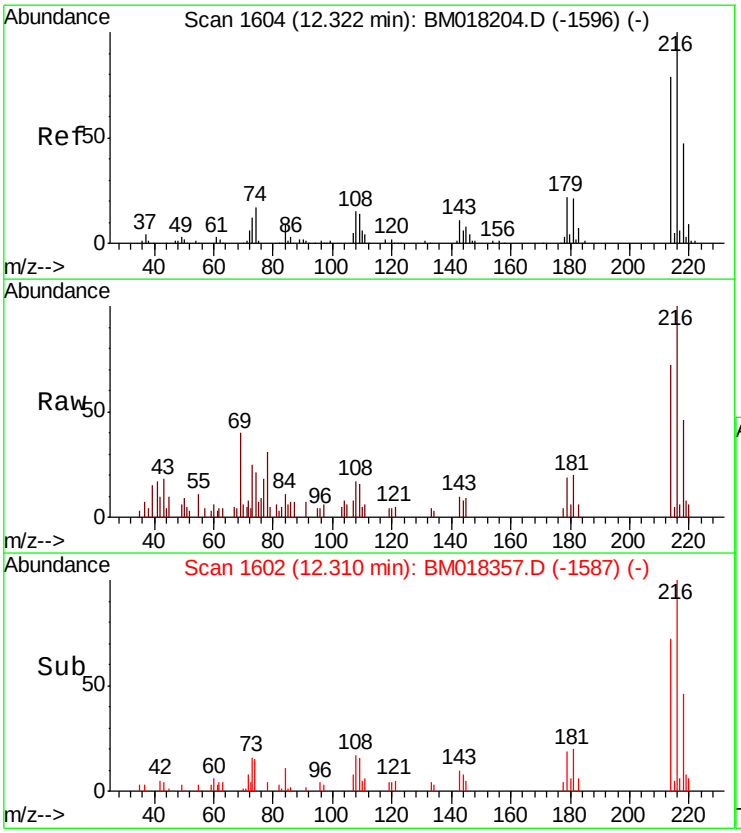
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tgt Ion:164 Resp: 207293

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	44.1	34.6	51.8

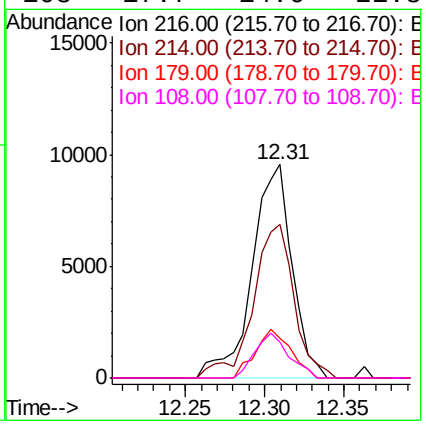


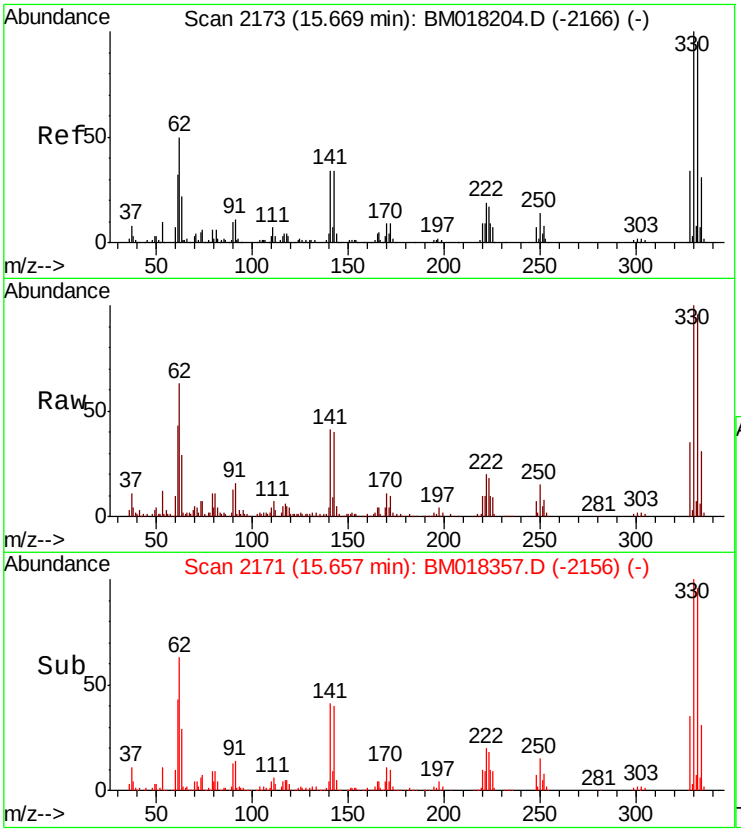


#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.355 ng
RT: 12.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Tgt Ion:216 Resp: 16787

Ion	Ratio	Lower	Upper
216	100		
214	73.3	63.4	95.0
179	20.3	17.2	25.8
108	17.7	14.6	21.8



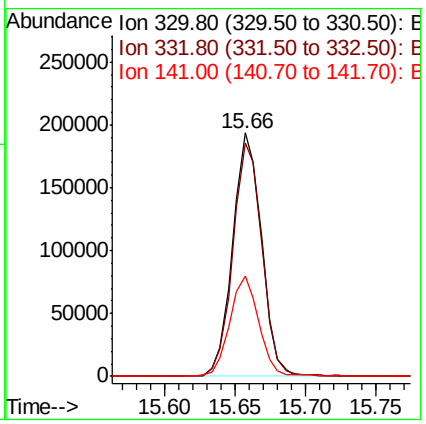


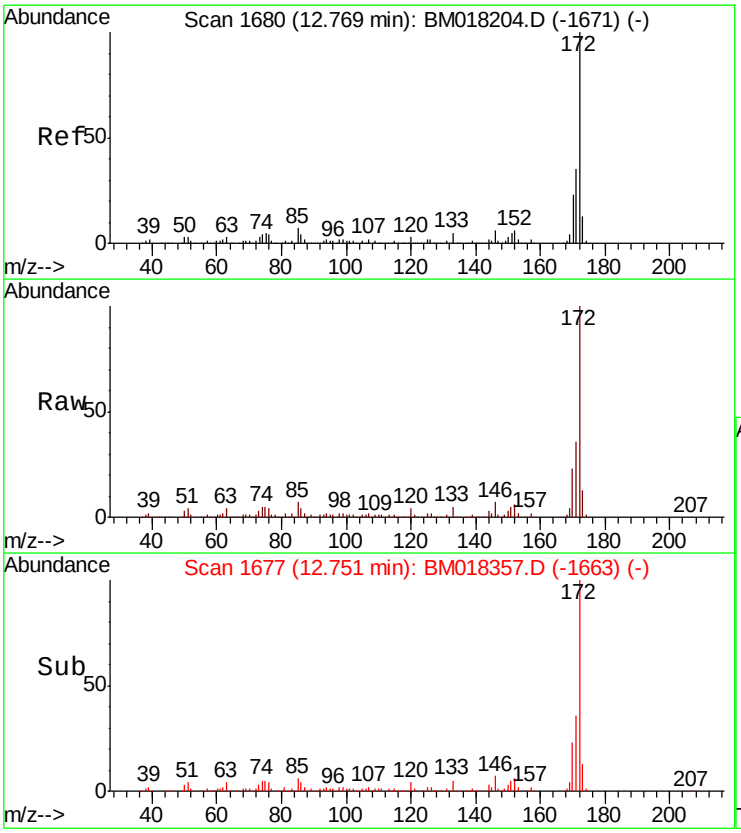
#42
2,4,6-Tribromophenol
Concen: 90.760 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tgt Ion:330 Resp: 276136

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.6	118.0
141	40.9	27.1	40.7#

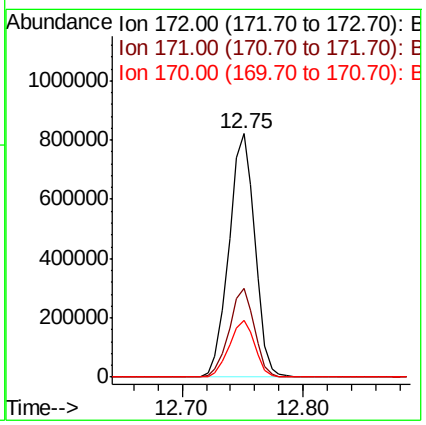


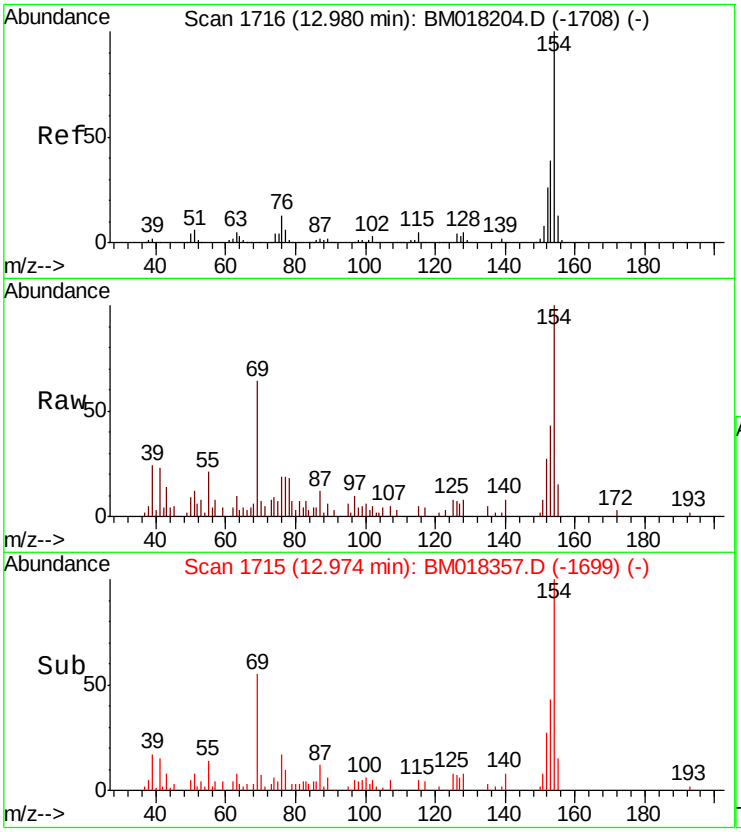


#45
2-Fluorobiphenyl
Concen: 77.039 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Tgt Ion:172 Resp: 1232959

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	23.2	18.1	27.1



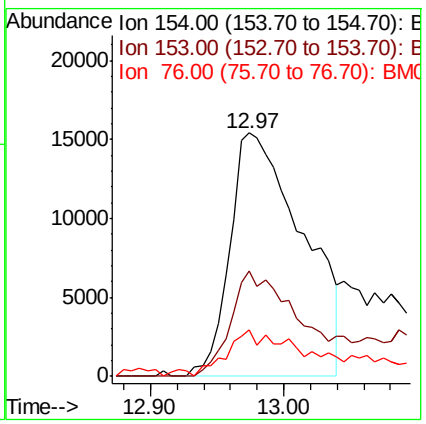


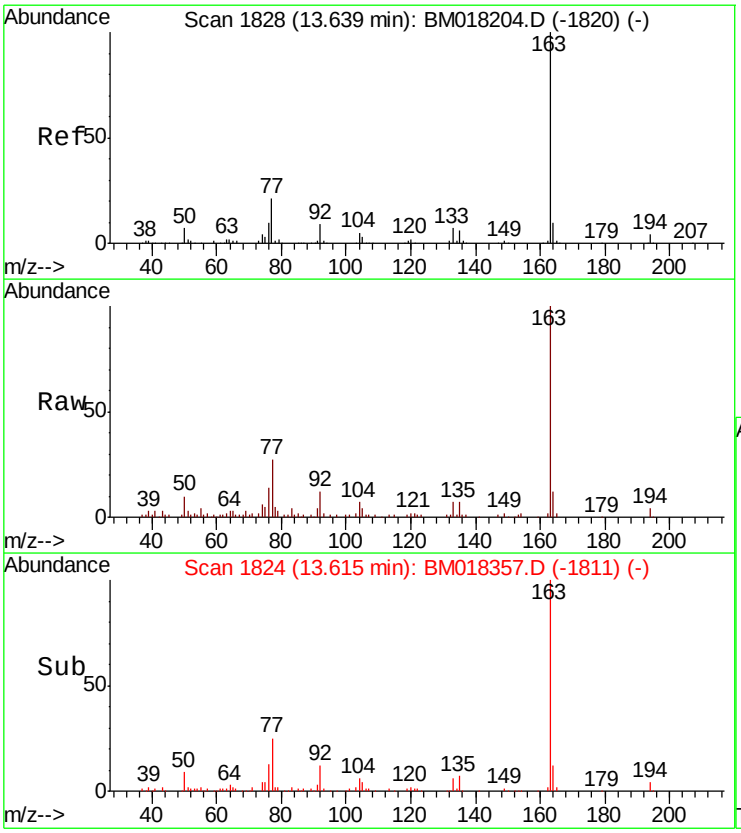
#46
1,1'-Biphenyl
Concen: 3.121 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tgt Ion:154 Resp: 58195

Ion	Ratio	Lower	Upper
154	100		
153	43.0	19.5	59.5
76	19.3	0.0	33.1

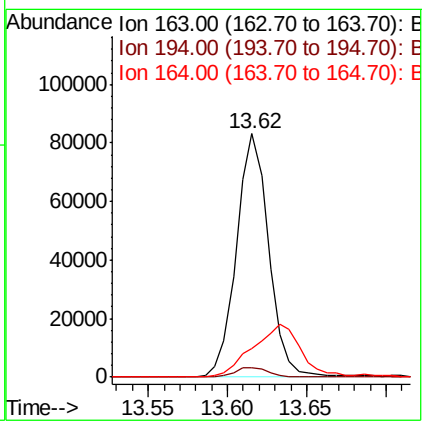


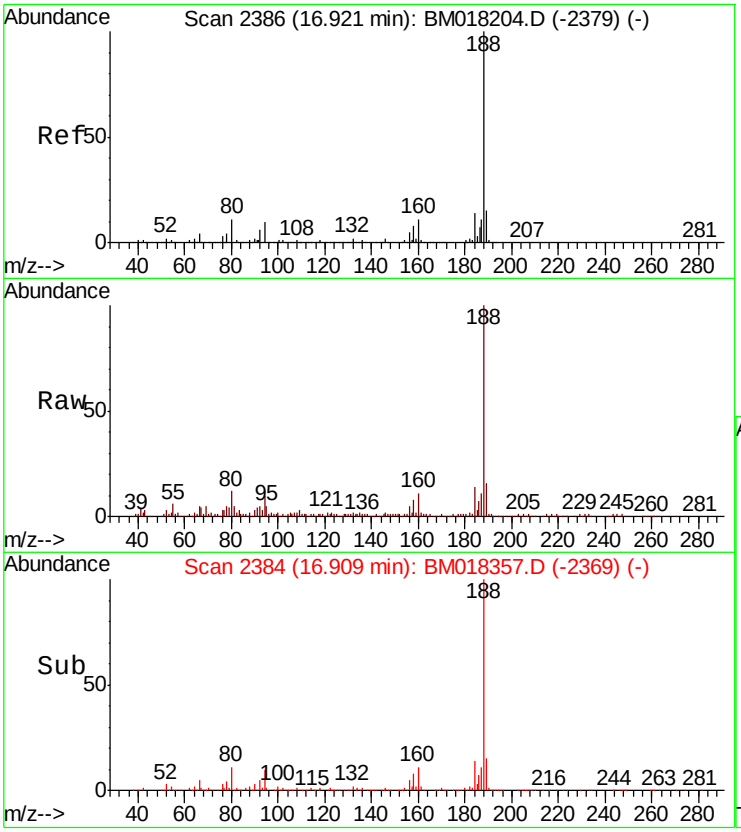


#50
Dimethylphthalate
Concen: 6.820 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Tgt Ion:163 Resp: 117533

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	11.7	7.9	11.9



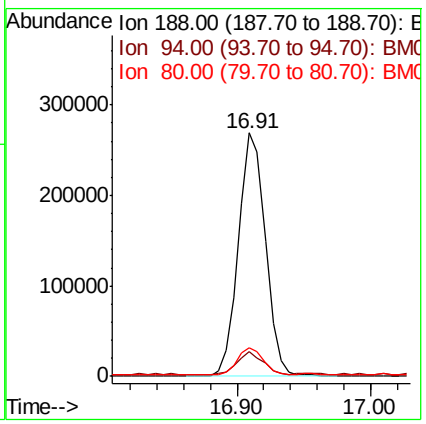


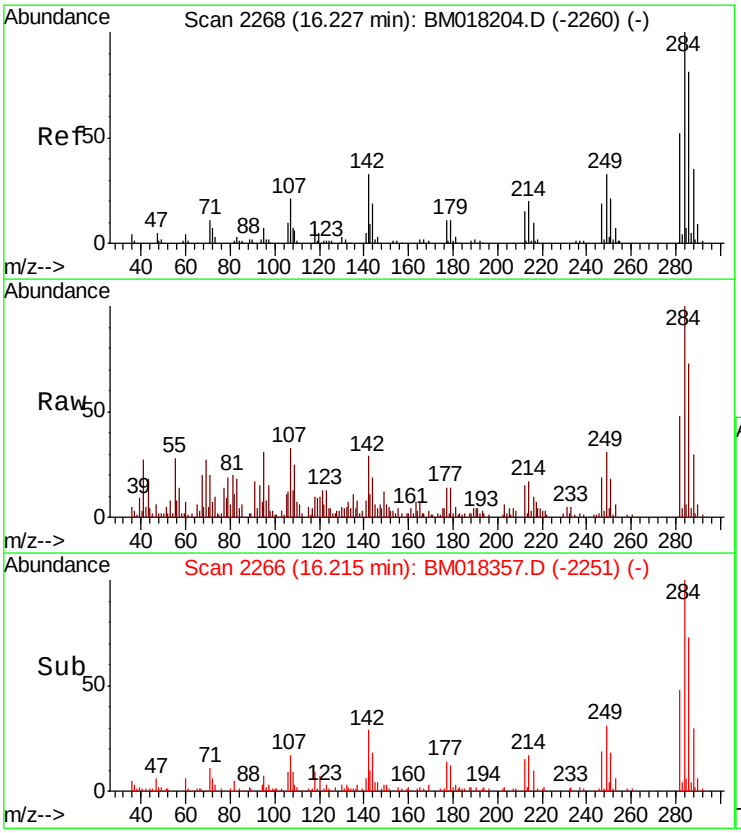
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tgt Ion:188 Resp: 374716

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.0	12.0
80	11.7	9.0	13.6

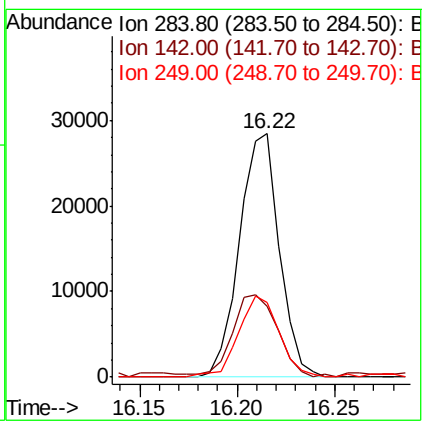


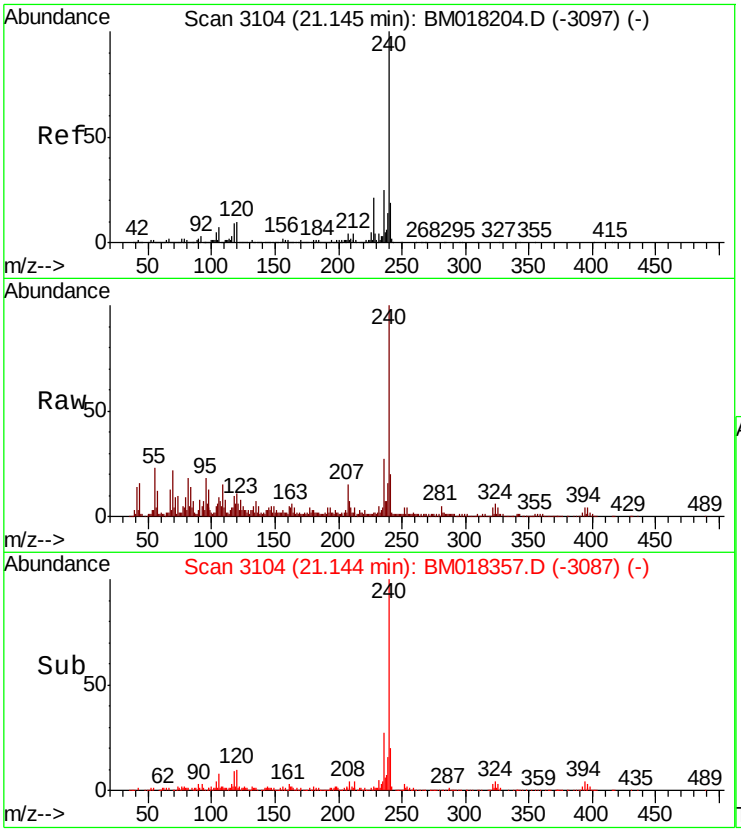


#68
Hexachlorobenzene
Concen: 8.089 ng
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Tgt Ion:284 Resp: 40218

Ion	Ratio	Lower	Upper
284	100		
142	29.2	26.2	39.4
249	30.7	26.2	39.2



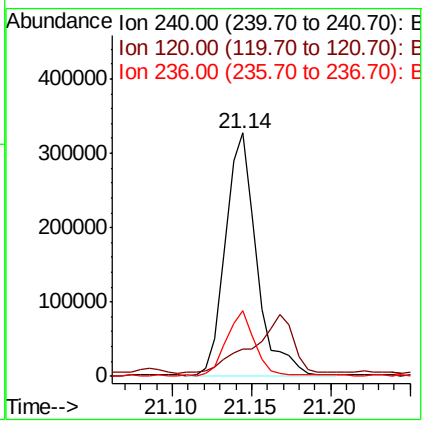


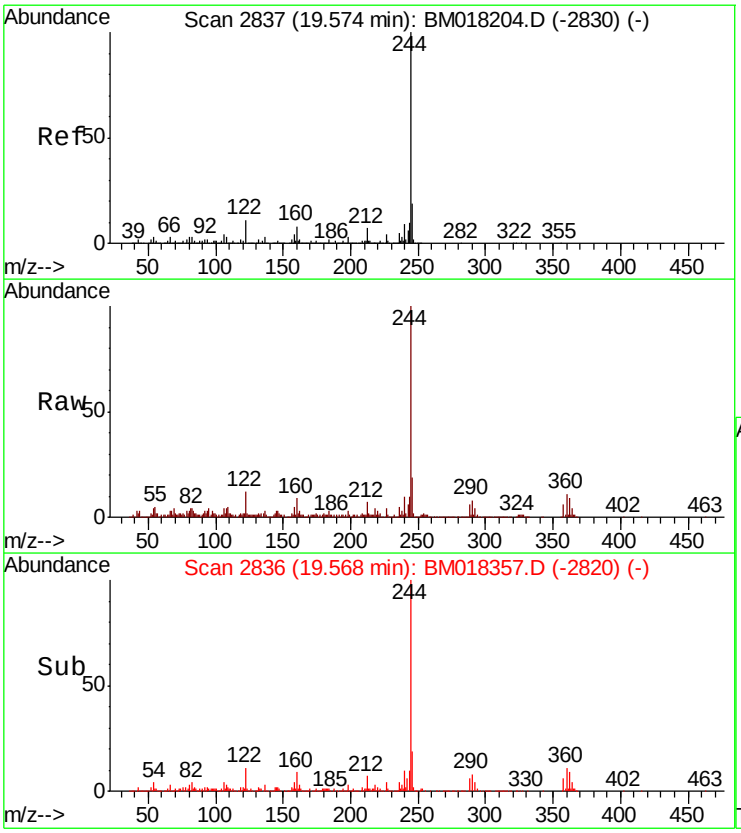
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tgt Ion:240 Resp: 441116

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.2
236	26.8	20.3	30.5

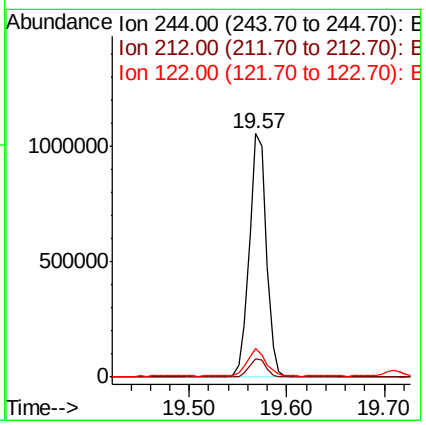


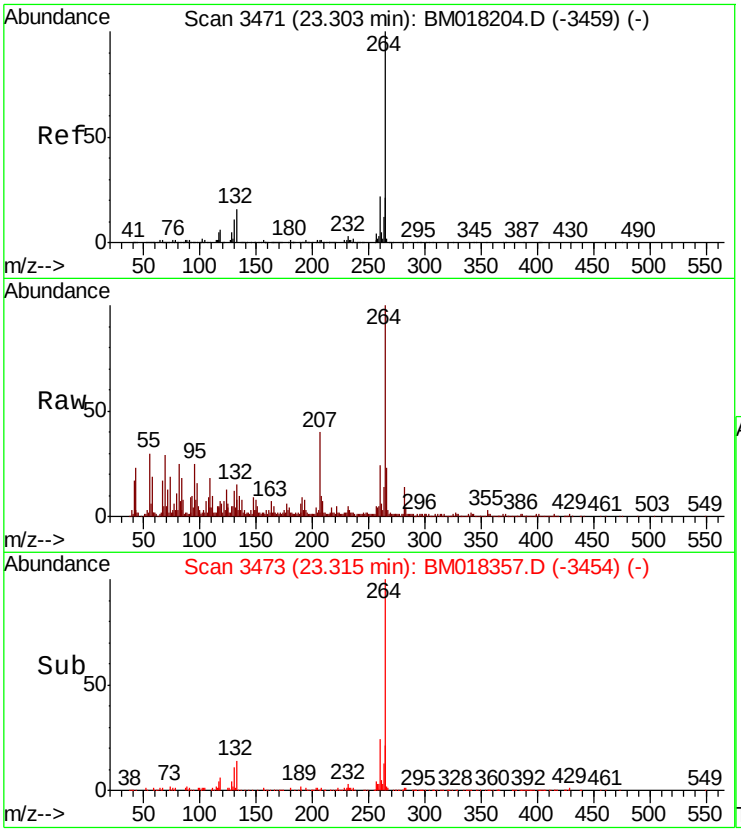


#79
Terphenyl-d14
Concen: 65.267 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Tgt Ion:244 Resp: 1272977

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.6	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3473
Delta R.T. 0.01 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tgt Ion:264 Resp: 455087

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.5	26.3
265	22.9	17.3	25.9