Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018353.D
Acq On : 21 Dec 2018 10:38
Operator : JU/SJ
Sample : J6426-11DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS013A-3036-01DL

Quant Time: Jan 04 06:13:39 2019
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	100289	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	421980	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	249971	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	609083	20.00	ng		-0.01
76) Chrysene-d12	21.14	240	753348	20.00	ng		0.00
87) Perylene-d12	23.30	264	683409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	189376	31.54	ng		0.00
7) Phenol-d6	6.69	99	256123	30.69	ng		-0.01
23) Nitrobenzene-d5	8.65	82	181322	22.04	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	119141	32.47	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	385774	19.99	ng		-0.02
79) Terphenyl-d14	19.57	244	716441	21.51	ng		0.00
Target Compounds							Qvalue
12) 1,3-Dichlorobenzene	7.37	146	22981	2.901	ng		93
13) 1,4-Dichlorobenzene	7.52	146	176618	21.958	ng		97
14) 1,2-Dichlorobenzene	7.83	146	53389	6.885	ng		94
30) 1,2,4-Trichlorobenzene	10.12	180	346155	47.236	ng		94
31) Naphthalene	10.30	128	741740	35.948	ng		100
37) 2-Methylnaphthalene	11.93	142	423277	29.089	ng		97
38) 1-Methylnaphthalene	12.15	142	234817	16.538	ng		99
46) 1,1'-Biphenyl	12.97	154	135711	6.035	ng		97
71) Phenanthrene	16.96	178	229969	6.951	ng	#	95
84) Bis(2-ethylhexyl)phthalate	21.06	149	217595	6.837	ng	#	96

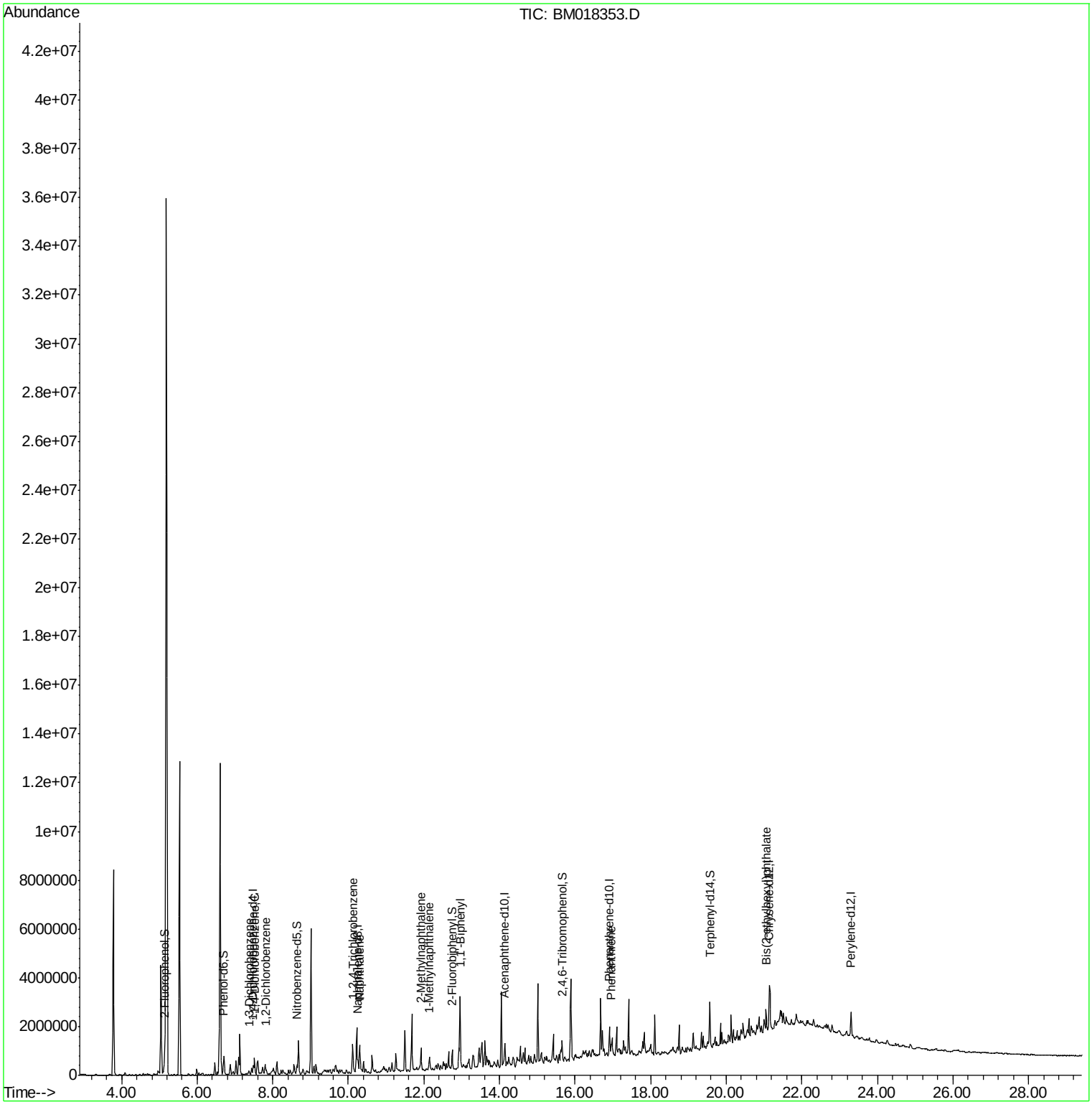
(#) = qualifier out of range (m) = manual integration (+) = signals summed

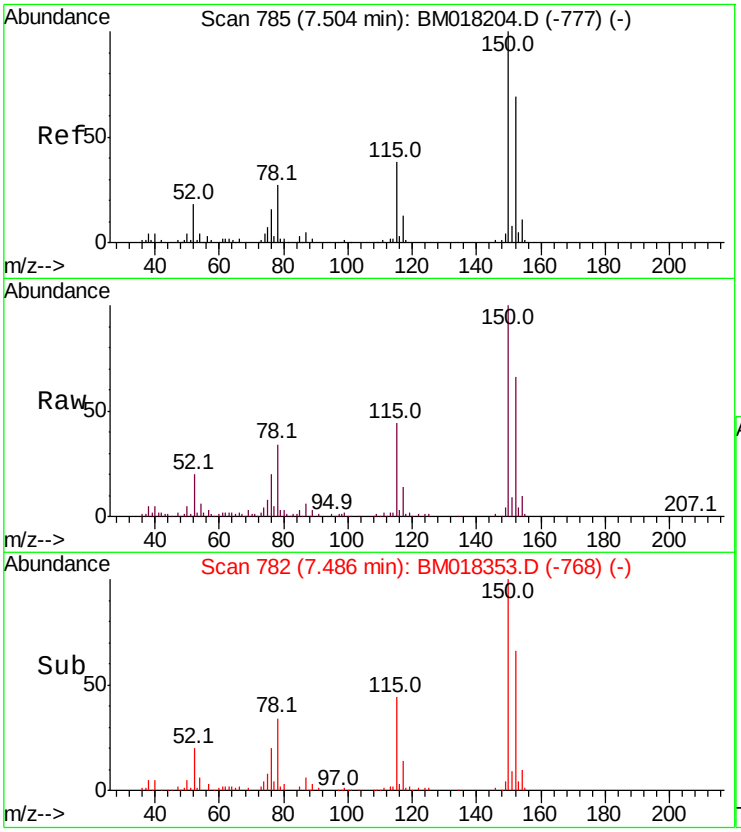
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018353.D
Acq On : 21 Dec 2018 10:38
Operator : JU/SJ
Sample : J6426-11DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Quant Time: Jan 04 06:13:39 2019
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



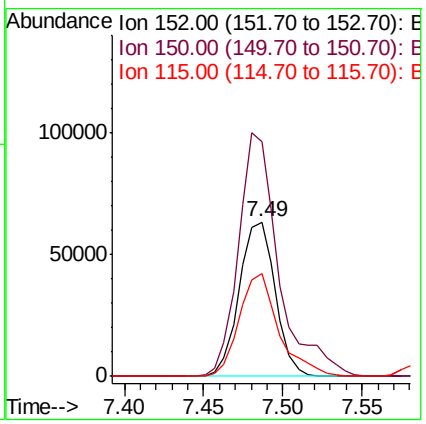


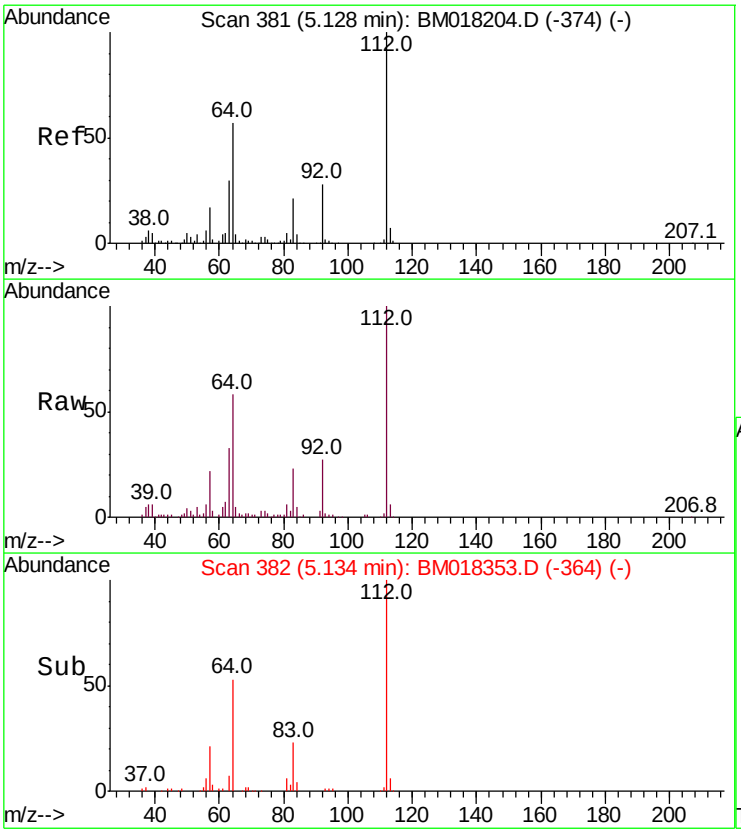
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion:152 Resp: 100289

Ion	Ratio	Lower	Upper
152	100		
150	152.5	116.1	174.1
115	67.0	44.6	67.0#

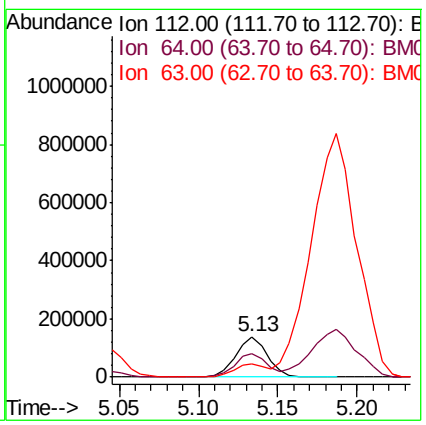


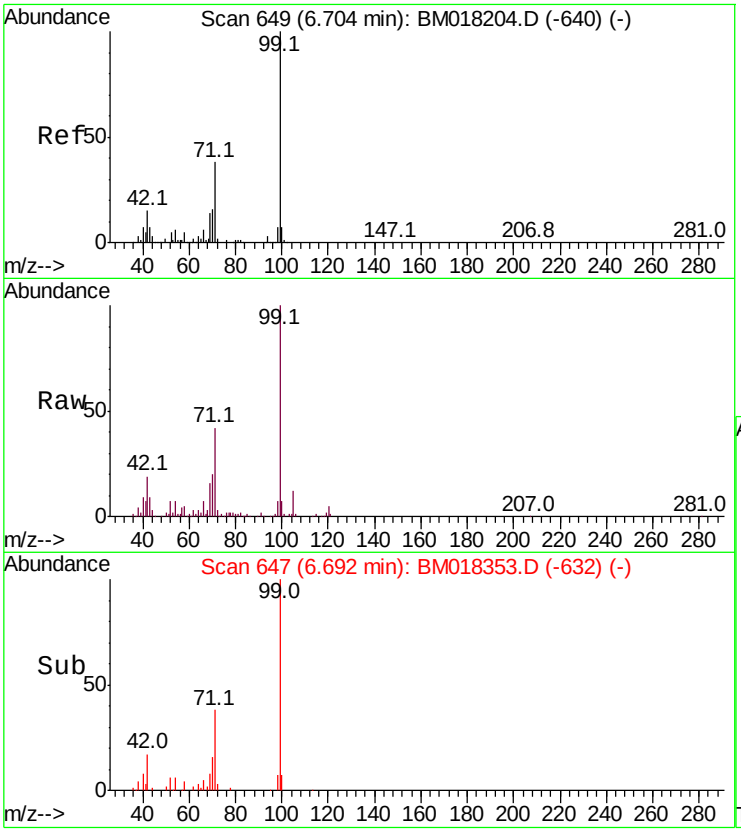


#5
2-Fluorophenol
Concen: 31.544 ng
RT: 5.13 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion:112 Resp: 189376

Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.4	68.2
63	33.4	24.0	36.0



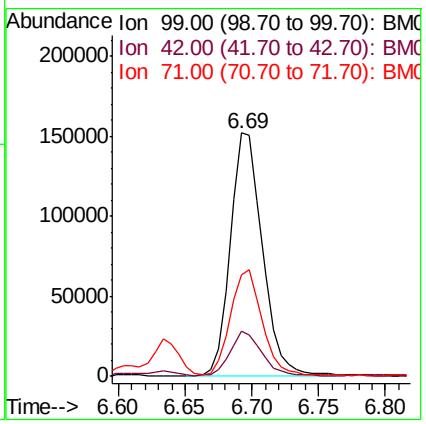


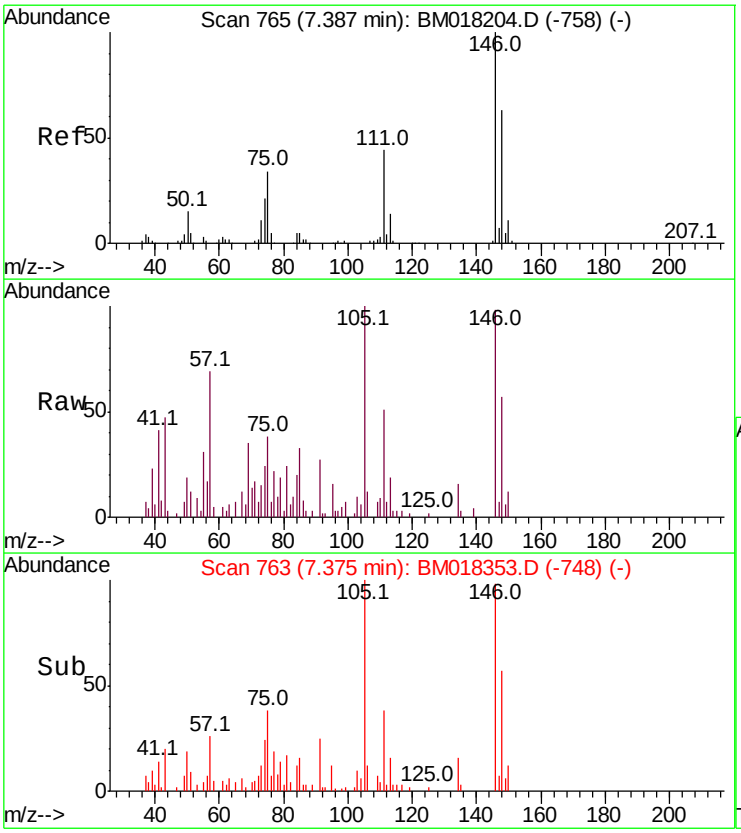
#7
Phenol-d6
Concen: 30.694 ng
RT: 6.69 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion: 99 Resp: 256123

Ion	Ratio	Lower	Upper
99	100		
42	18.7	12.3	18.5#
71	41.9	30.2	45.2

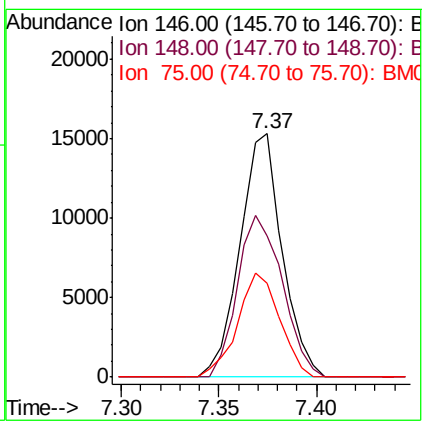


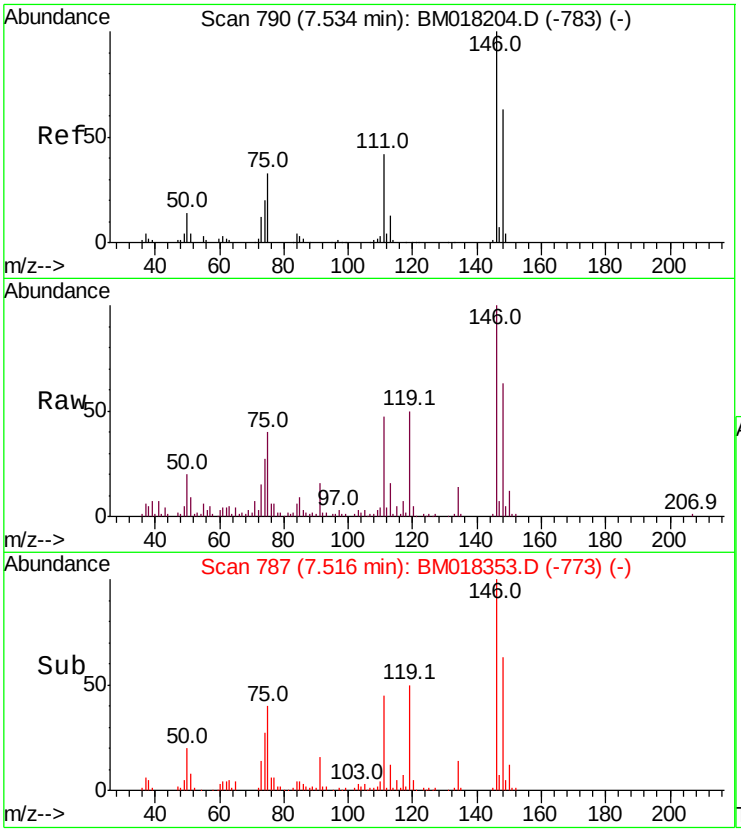


#12
1,3-Dichlorobenzene
Concen: 2.901 ng
RT: 7.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion:146 Resp: 22981

Ion	Ratio	Lower	Upper
146	100		
148	58.0	50.6	76.0
75	38.5	27.0	40.4



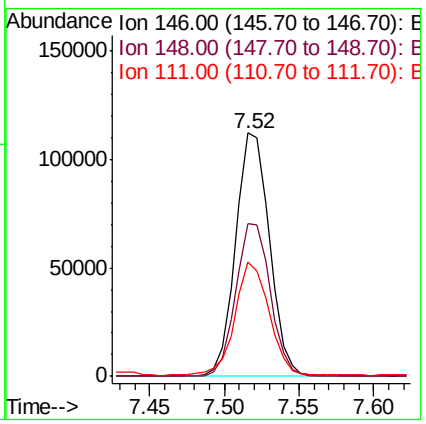


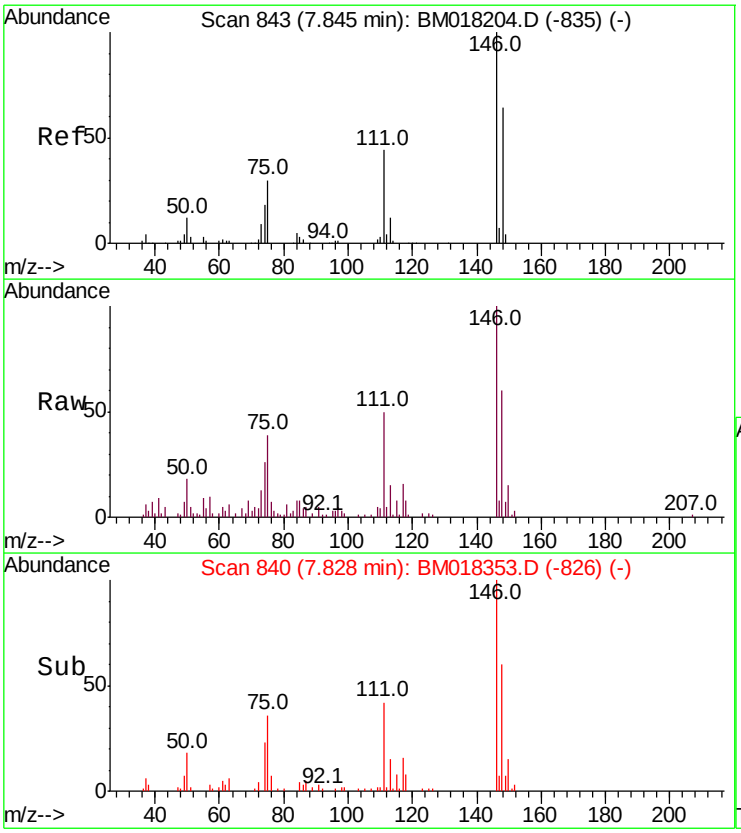
#13
1,4-Dichlorobenzene
Concen: 21.958 ng
RT: 7.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion:146 Resp: 176618

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
111	46.7	34.2	51.2

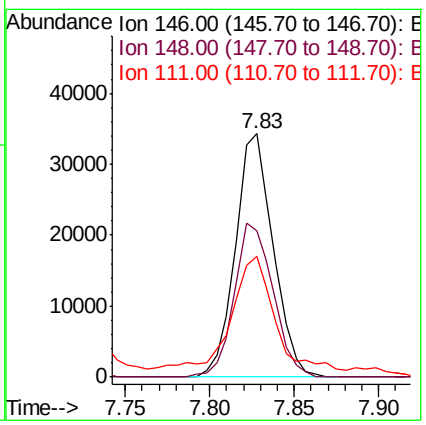


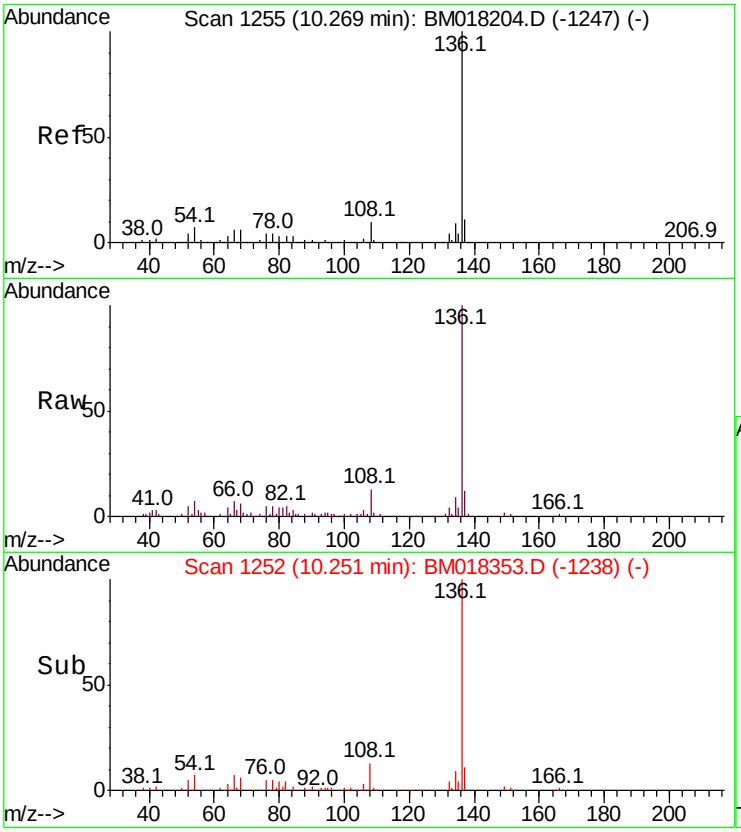


#14
1,2-Dichlorobenzene
Concen: 6.885 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.02 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion:146 Resp: 53389

Ion	Ratio	Lower	Upper
146	100		
148	60.3	51.3	76.9
111	49.7	35.8	53.8



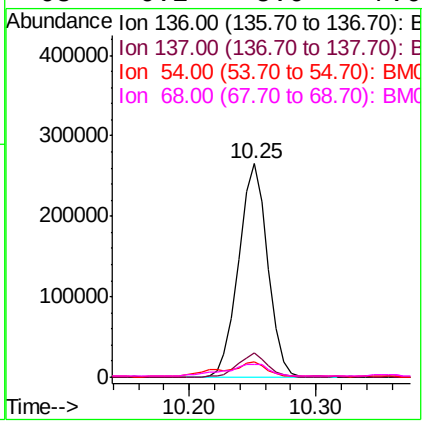


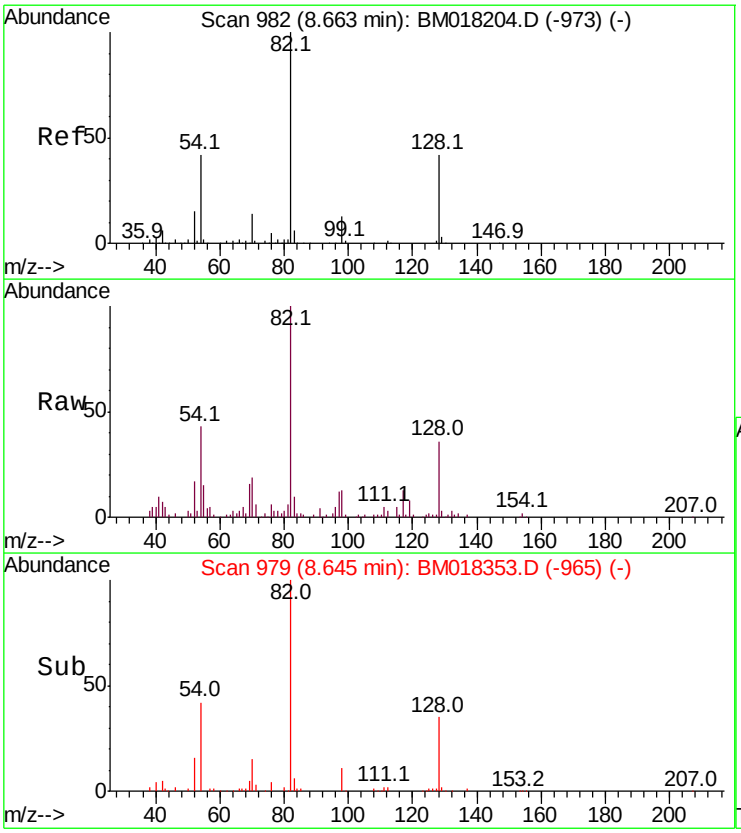
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion:136 Resp: 421980

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.4	5.2	7.8
68	6.2	5.0	7.6

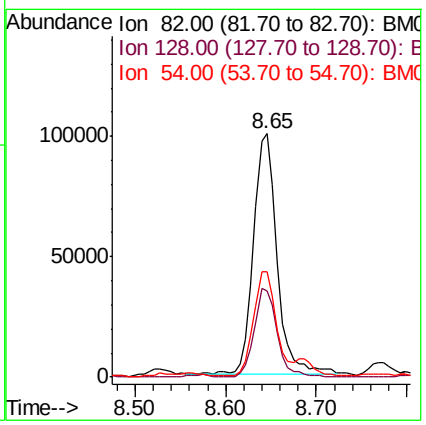


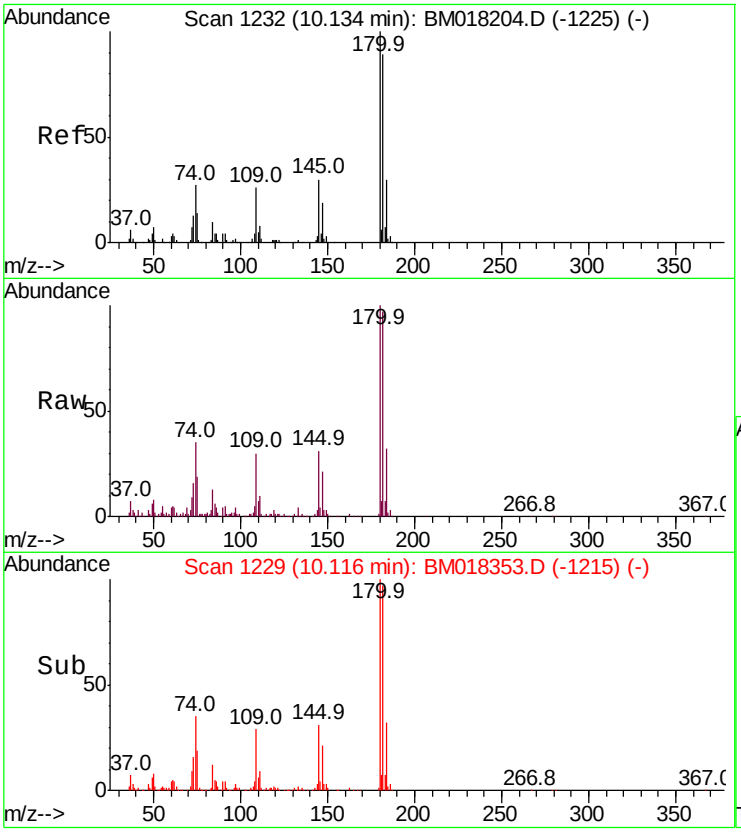


#23
Nitrobenzene-d5
Concen: 22.040 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion: 82 Resp: 181322

Ion	Ratio	Lower	Upper
82	100		
128	35.5	33.4	50.2
54	43.2	33.4	50.2



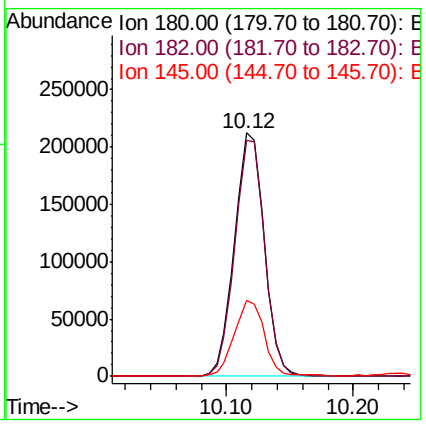


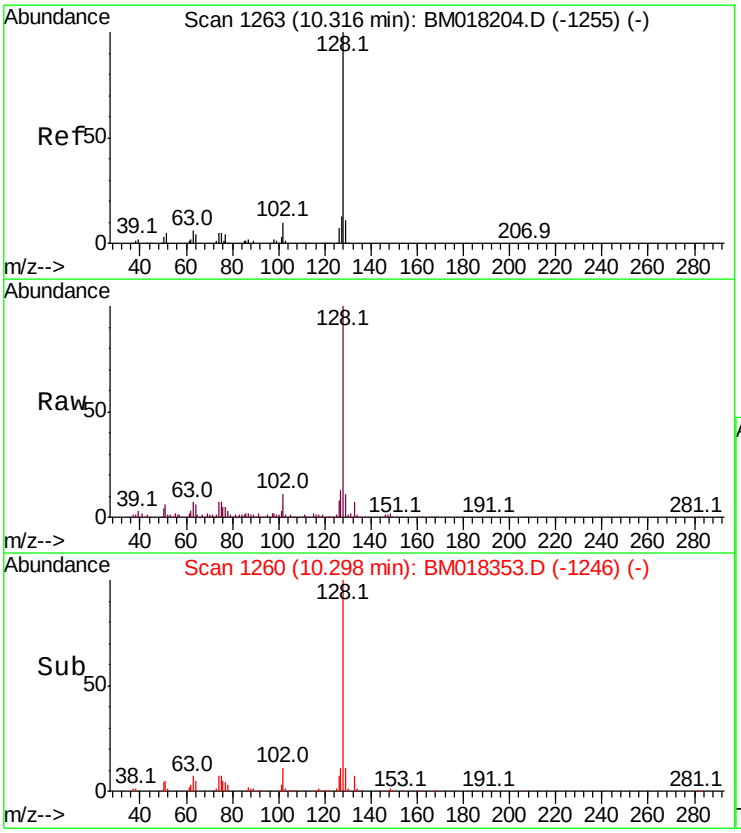
#30
1,2,4-Trichlorobenzene
Concen: 47.236 ng
RT: 10.12 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion:180 Resp: 346155

Ion	Ratio	Lower	Upper
180	100		
182	96.7	71.4	107.2
145	31.2	24.4	36.6

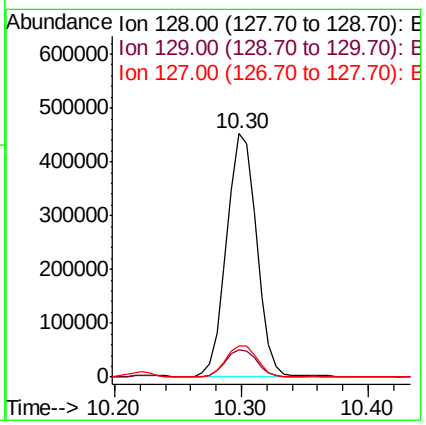


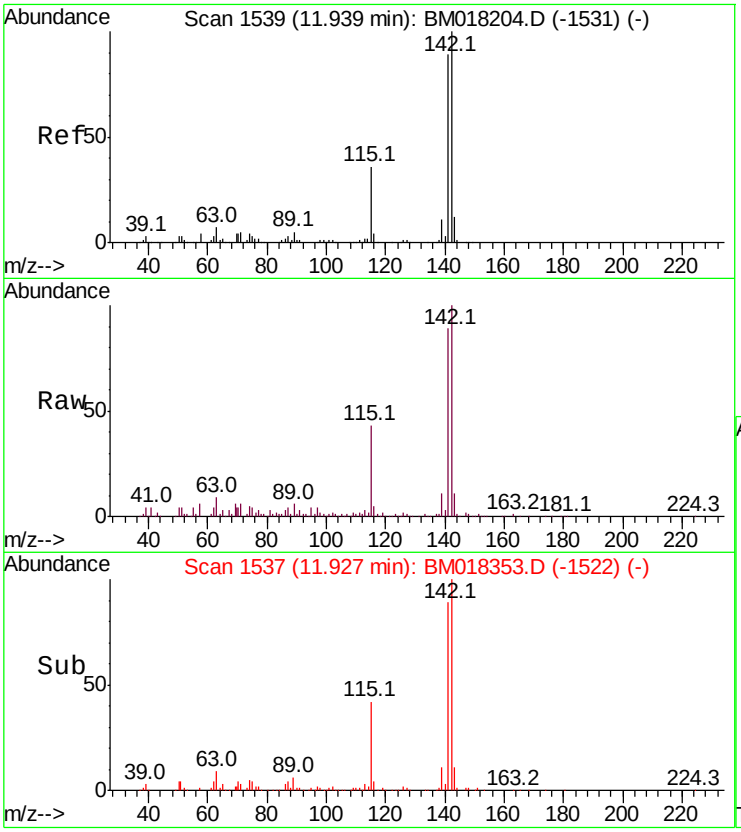


#31
Naphthalene
Concen: 35.948 ng
RT: 10.30 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion:128 Resp: 741740

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.9	10.4	15.6



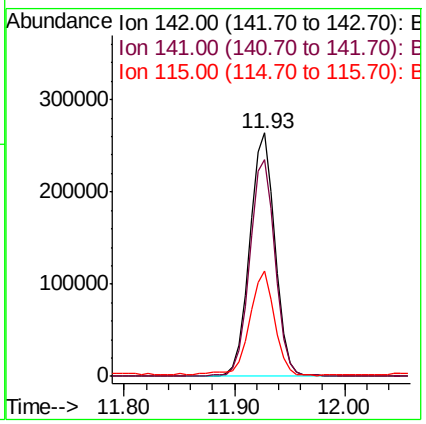


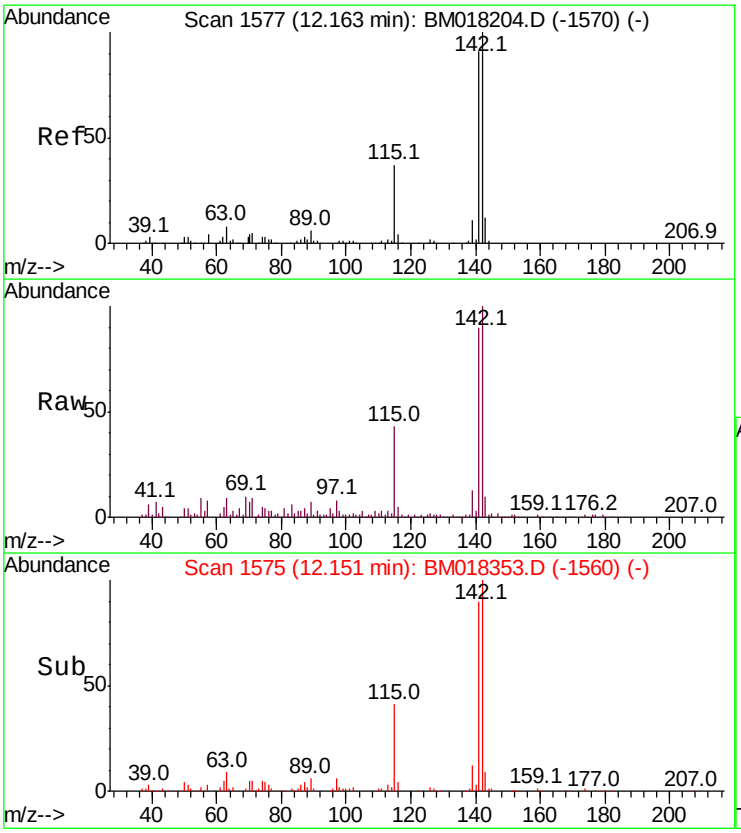
#37
2-Methylnaphthalene
Concen: 29.089 ng
RT: 11.93 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion:142 Resp: 423277

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	43.0	29.0	43.6

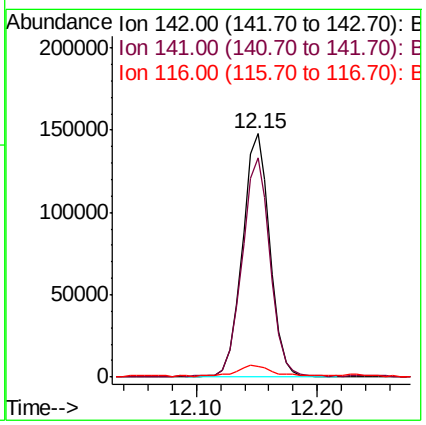


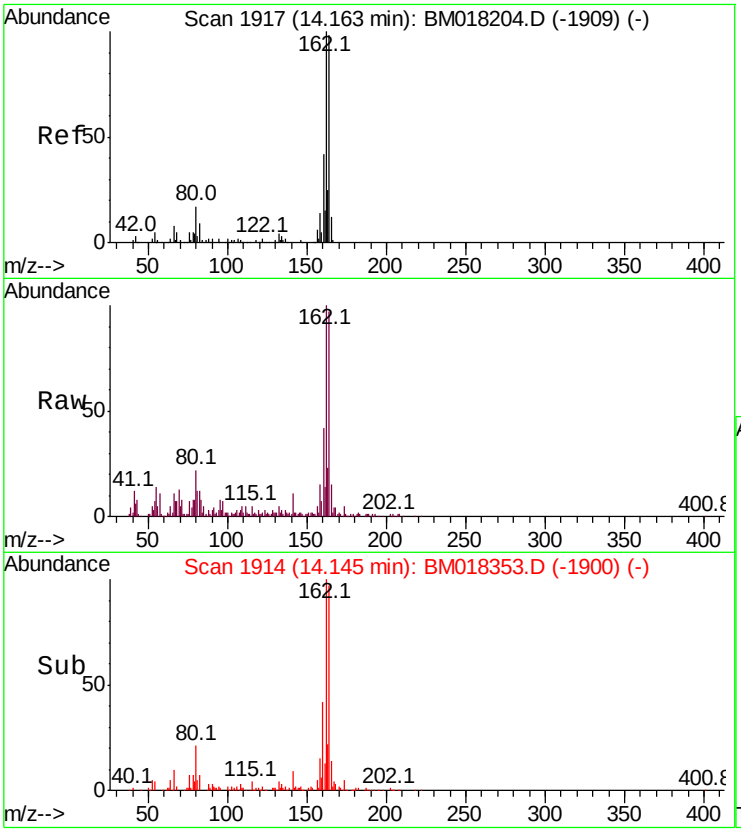


#38
1-Methylnaphthalene
Concen: 16.538 ng
RT: 12.15 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion:142 Resp: 234817

Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.0	109.4
116	4.5	3.0	4.6



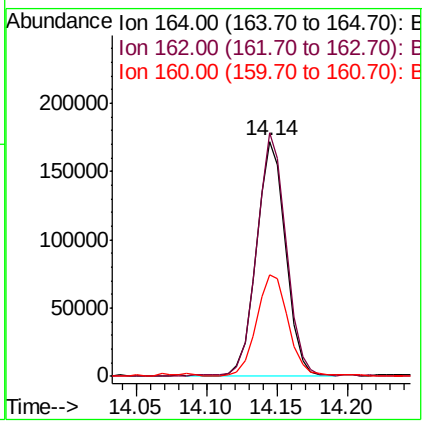


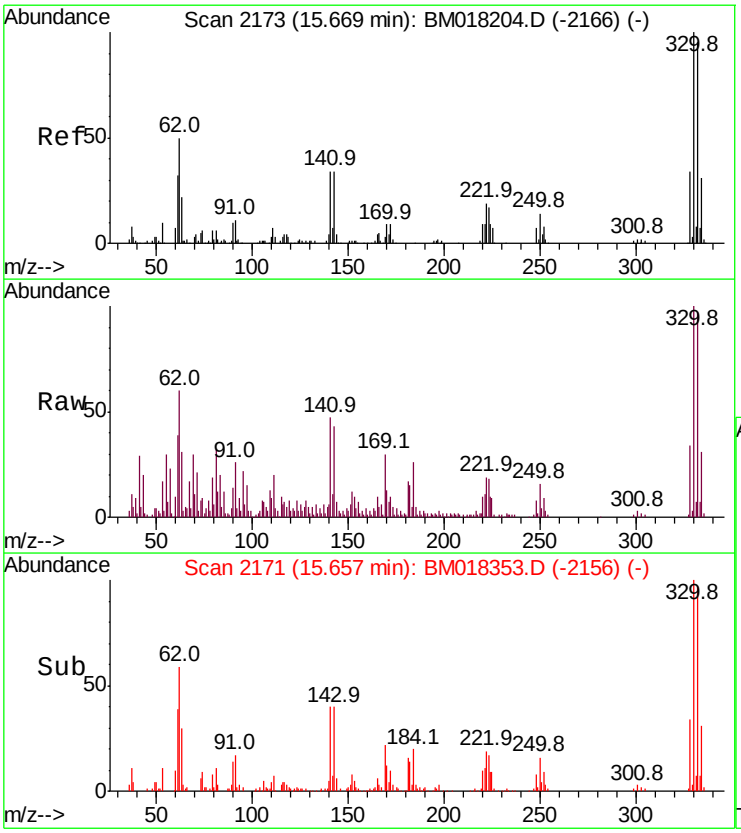
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion:164 Resp: 249971

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.8	122.6
160	43.4	34.6	51.8

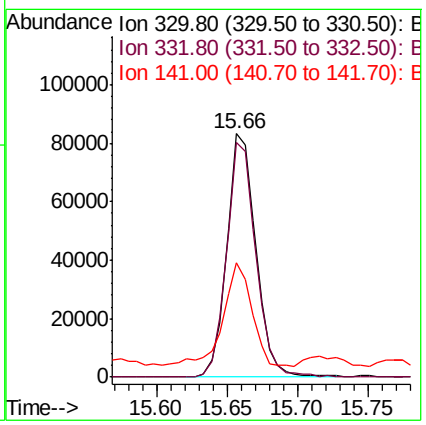


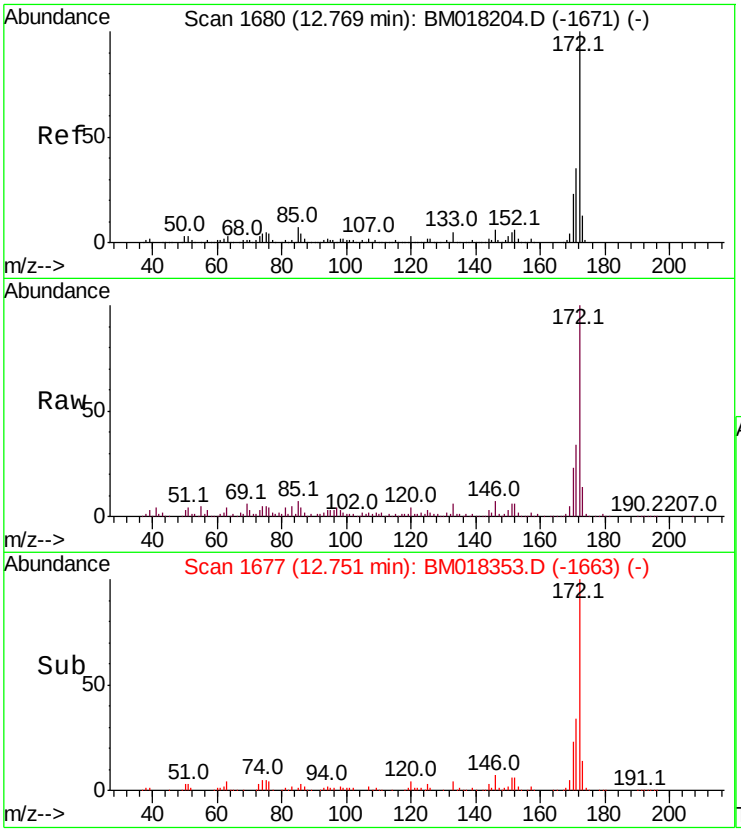


#42
2,4,6-Tribromophenol
Concen: 32.473 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion:330 Resp: 119141

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.6	118.0
141	40.5	27.1	40.7



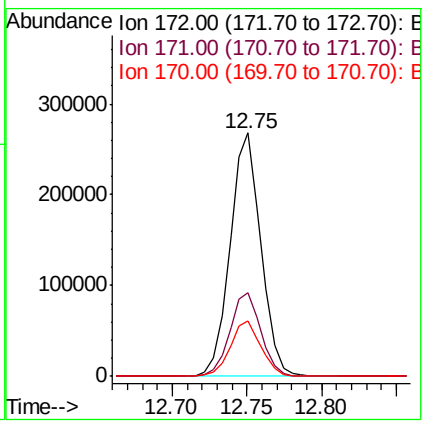


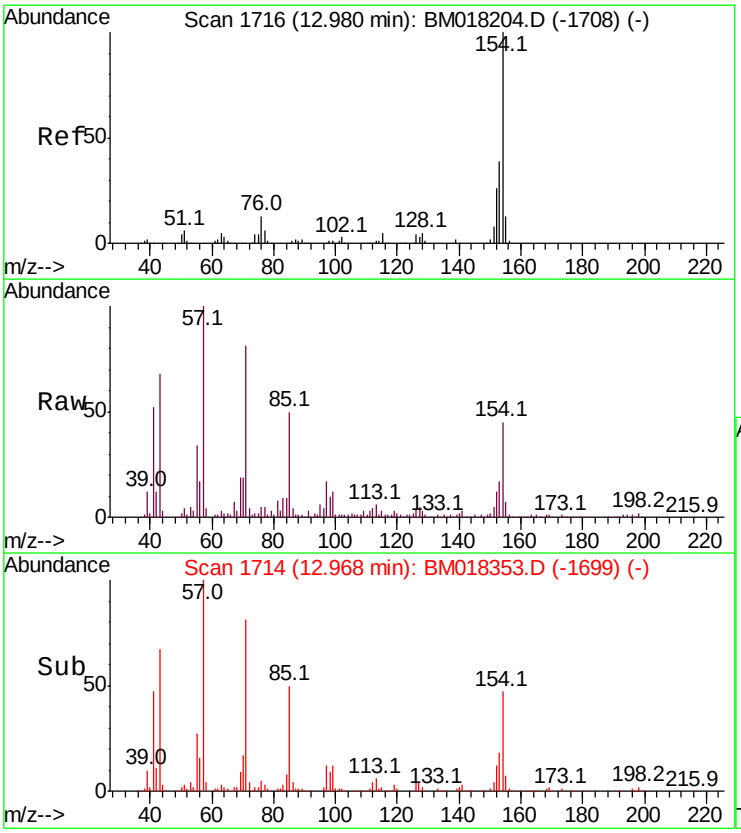
#45
2-Fluorobiphenyl
Concen: 19.989 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion:172 Resp: 385774

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.3	42.5
170	22.9	18.1	27.1

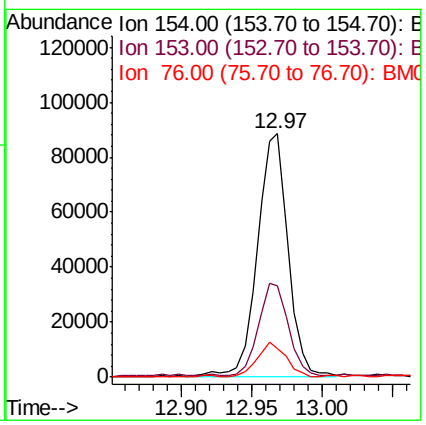


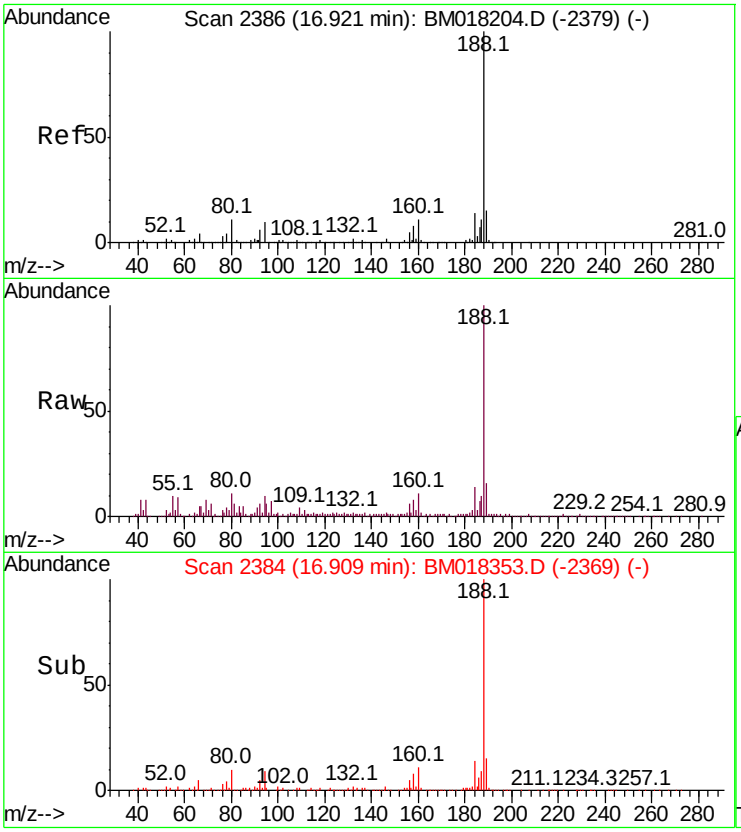


#46
1,1'-Biphenyl
Concen: 6.035 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion:154 Resp: 135711

Ion	Ratio	Lower	Upper
154	100		
153	37.6	19.5	59.5
76	11.6	0.0	33.1



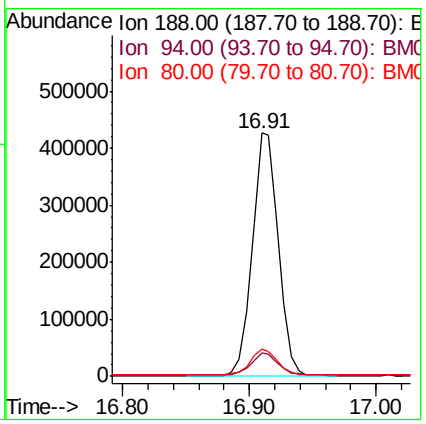


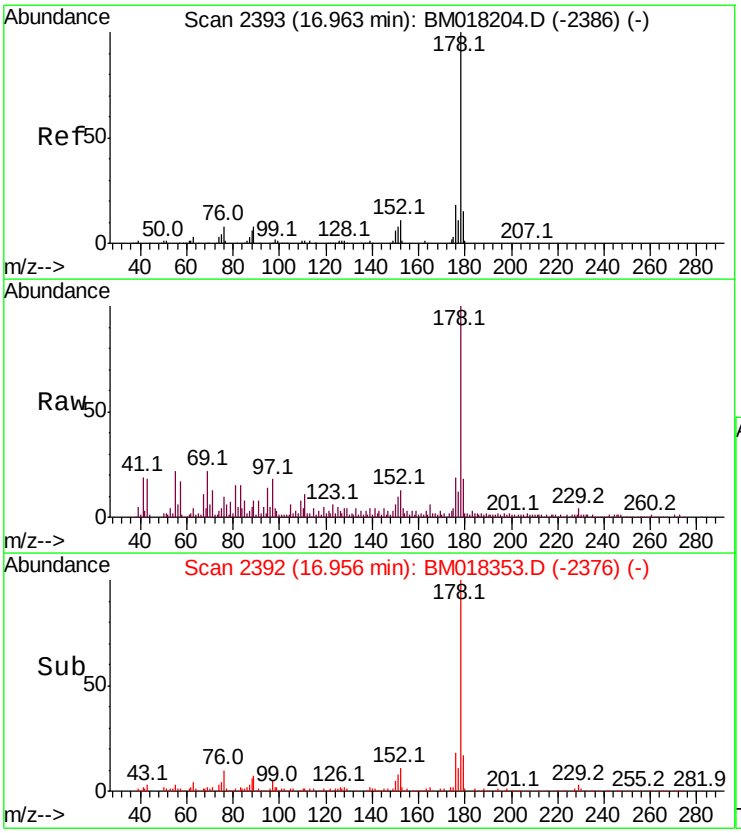
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion:188 Resp: 609083

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	11.1	9.0	13.6

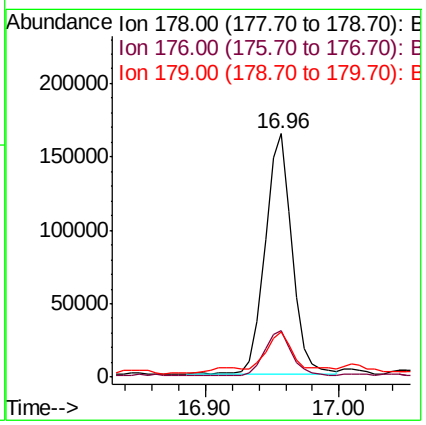


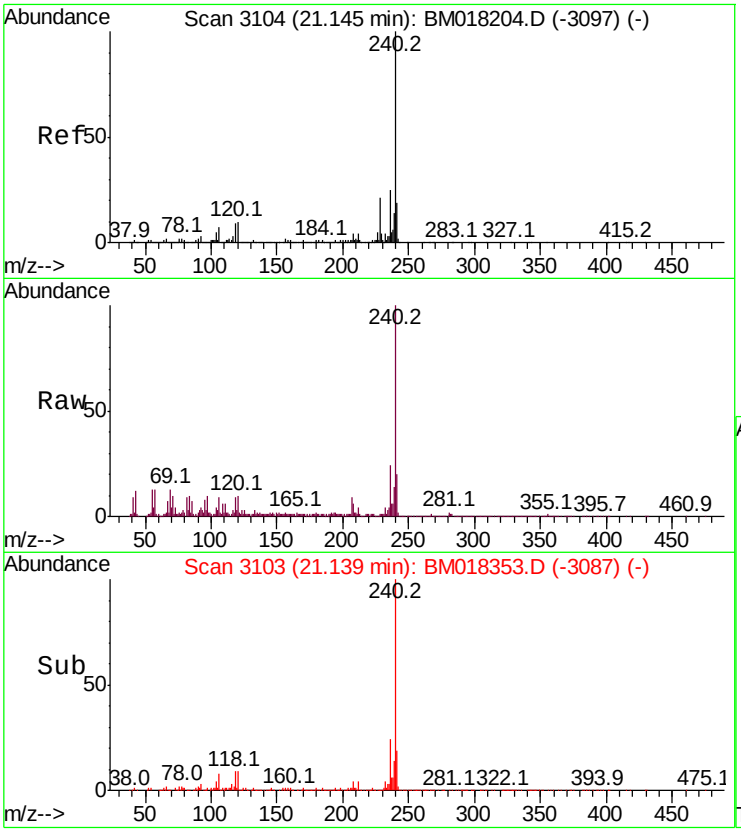


#71
Phenanthrene
Concen: 6.951 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion:178 Resp: 229969

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.7	22.1
179	18.5	12.0	18.0#



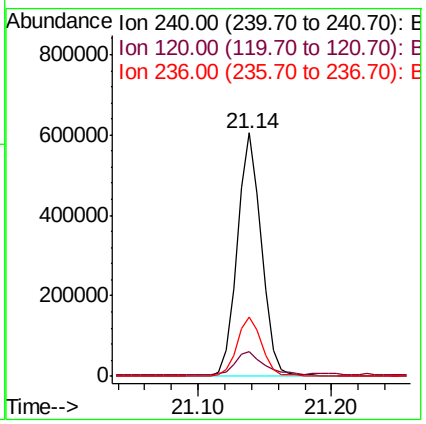


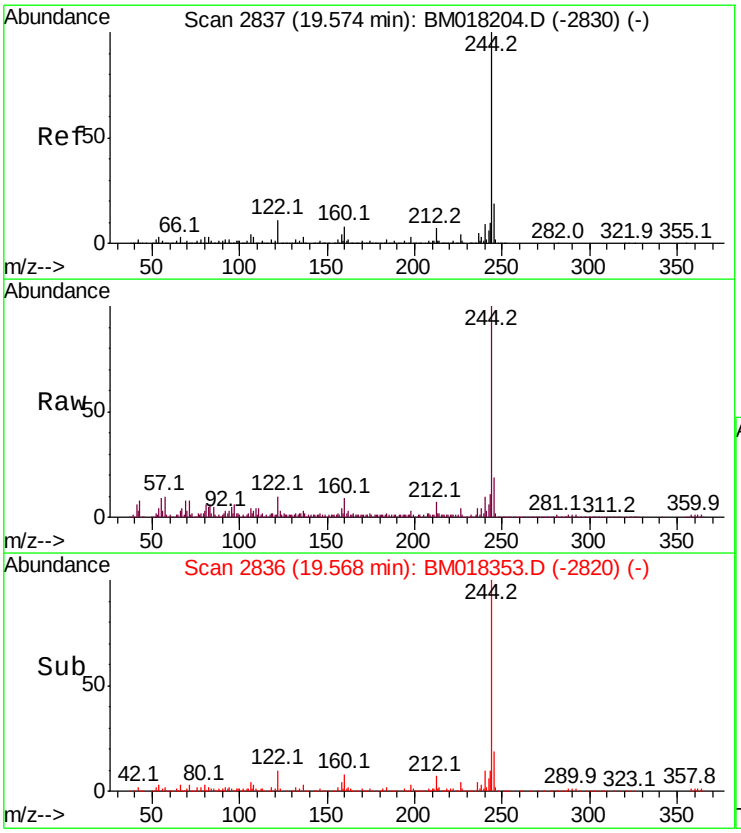
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion:240 Resp: 753348

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	24.4	20.3	30.5

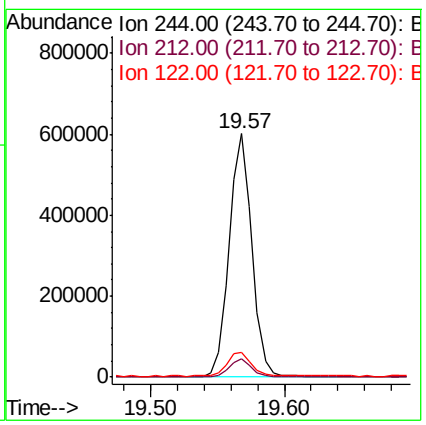


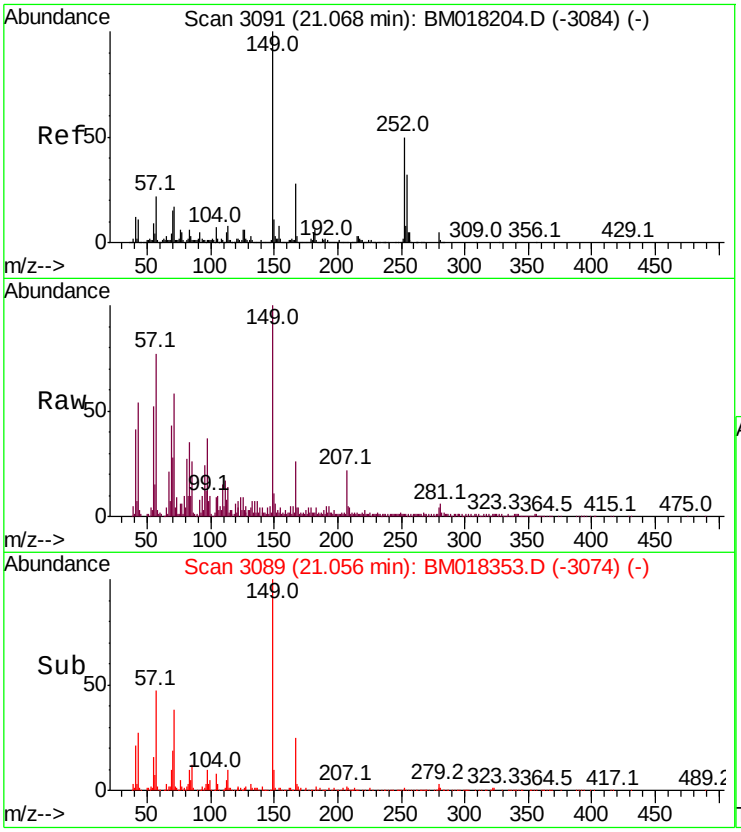


#79
Terphenyl-d14
Concen: 21.508 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion:244 Resp: 716441

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.0	9.0	13.6



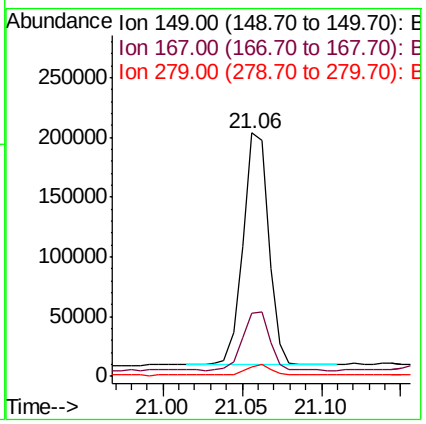


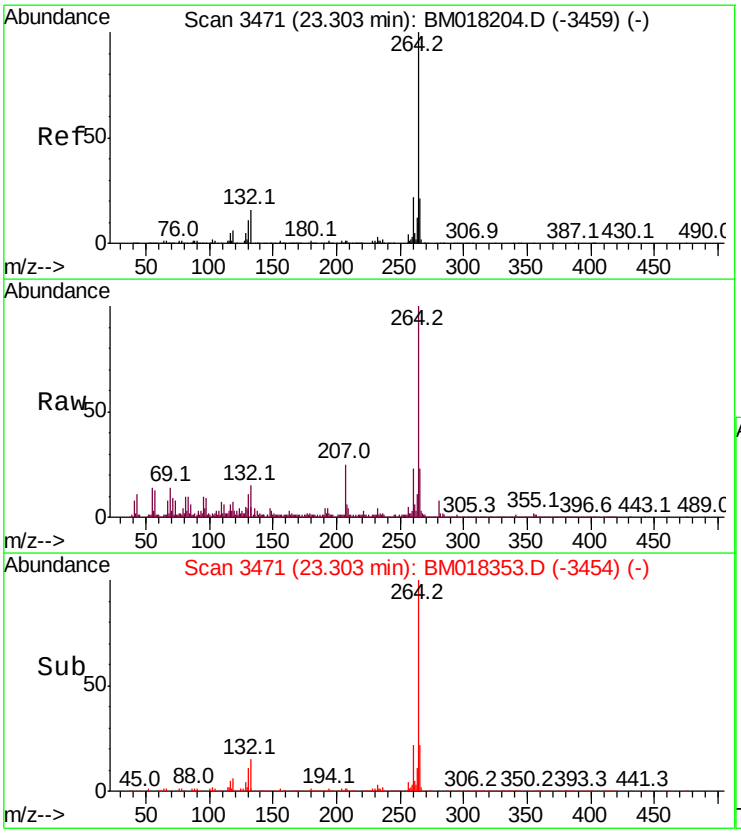
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.837 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01DL

Tgt Ion:149 Resp: 217595

Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.7	34.1
279	3.8	3.9	5.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018353.D
Acq: 21 Dec 2018 10:38

Tgt Ion:264 Resp: 683409

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.5	26.3
265	22.8	17.3	25.9