Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018241.D
Acq On : 17 Dec 2018 10:19
Operator : JU/SJ
Sample : J6347-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD001-0006-01

Quant Time: Dec 18 00:48:43 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	128611	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	516026	20.00	ng	0.00
39) Acenaphthene-d10	14.15	164	299857	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	675739	20.00	ng	0.00
76) Chrysene-d12	21.13	240	700534	20.00	ng	-0.01
87) Perylene-d12	23.30	264	620061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1350310	175.39	ng	0.00
7) Phenol-d6	6.70	99	1839413	171.89	ng	0.00
23) Nitrobenzene-d5	8.66	82	1065138	105.88	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	672743	152.86	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	2173578	93.89	ng	0.00
79) Terphenyl-d14	19.57	244	2940505	94.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.72	94	118129	10.424	ng	97
13) 1,4-Dichlorobenzene	7.53	146	41886	4.061	ng	98
50) Dimethylphthalate	13.63	163	174723	7.009	ng	99

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

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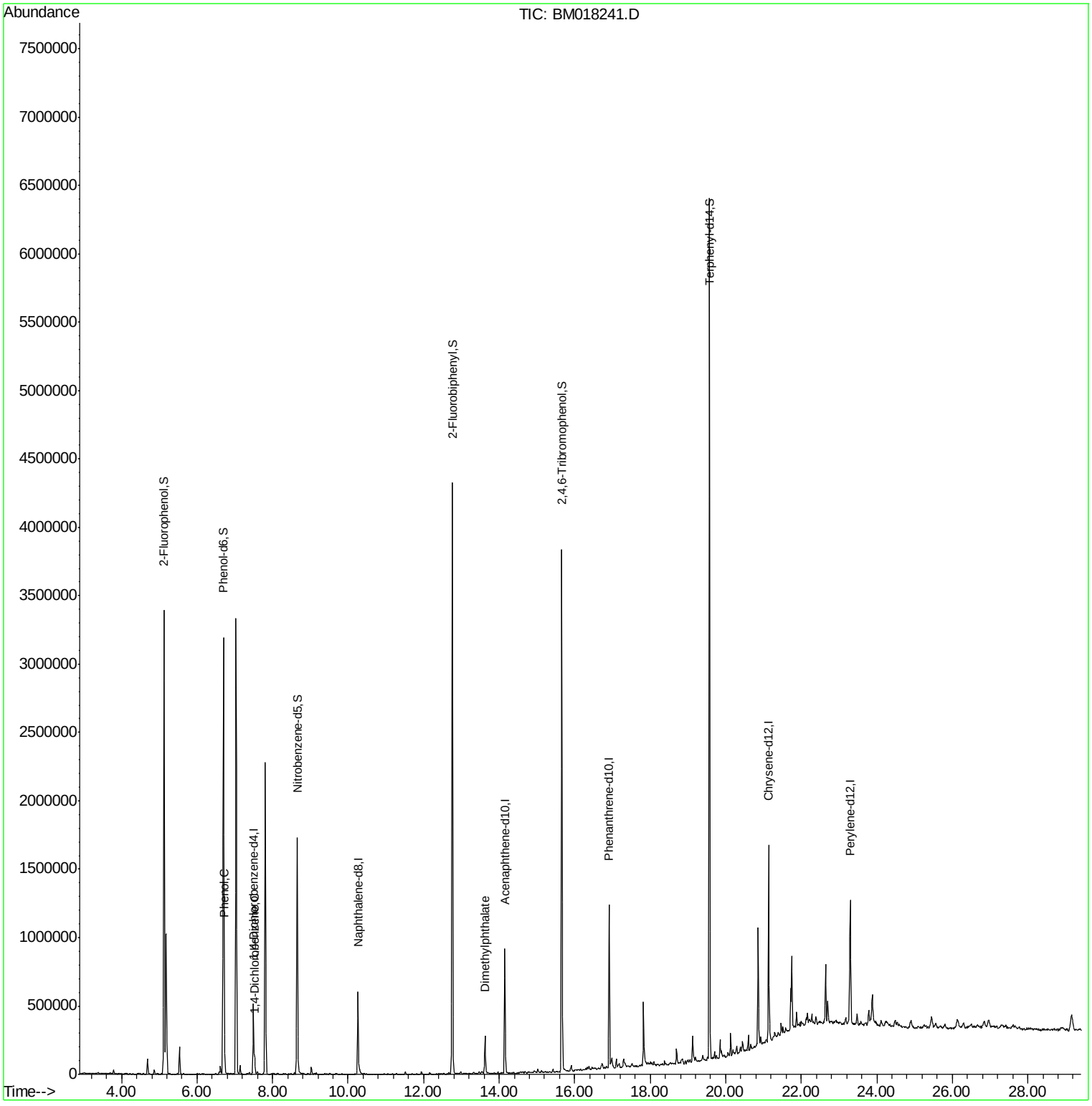
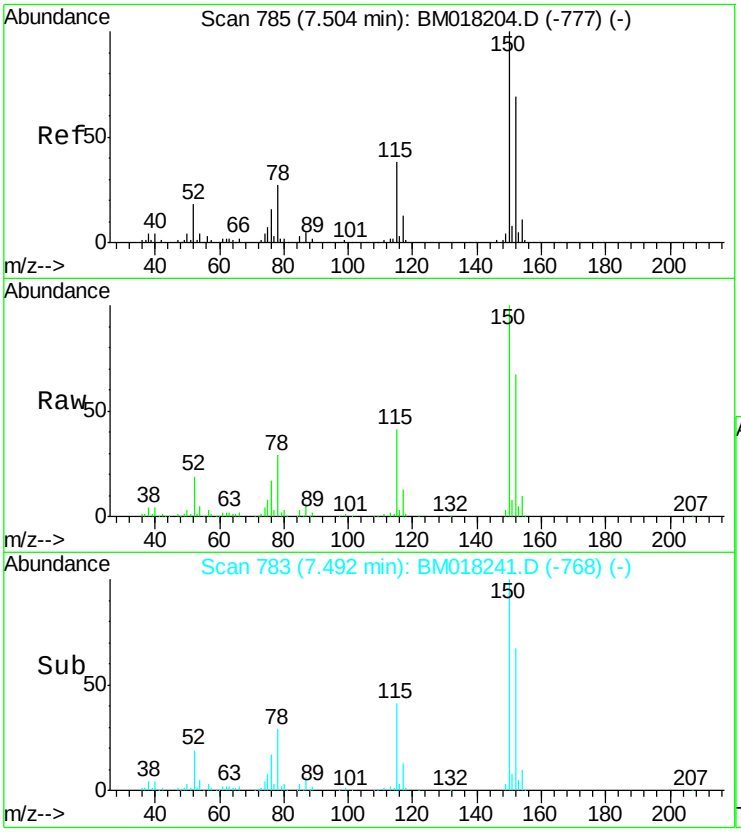


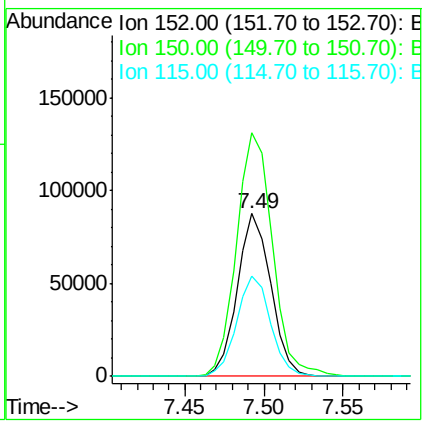


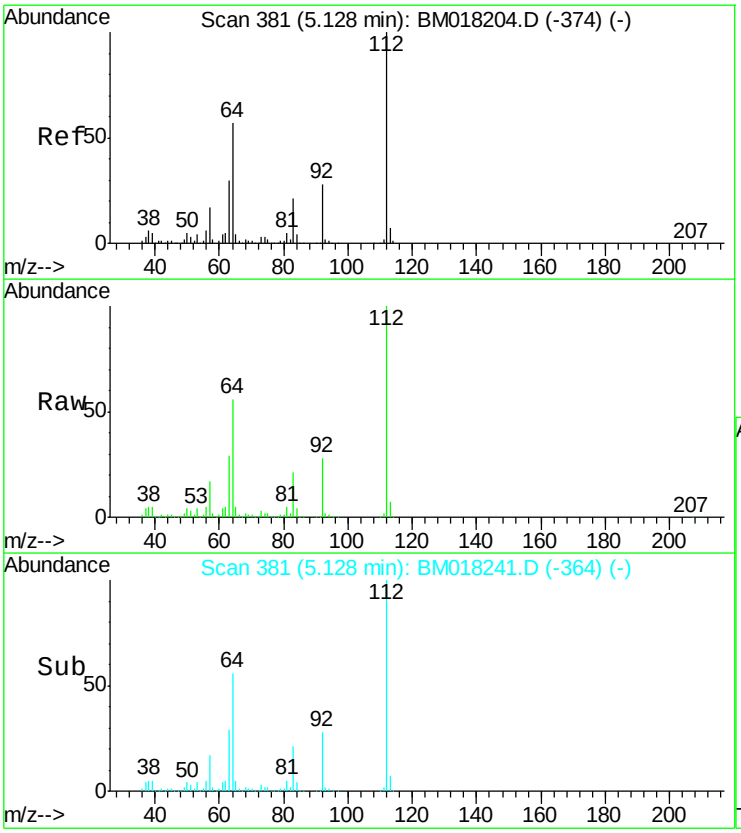
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

Tgt Ion:152 Resp: 128611

Ion	Ratio	Lower	Upper
152	100		
150	149.5	116.1	174.1
115	61.2	44.6	67.0

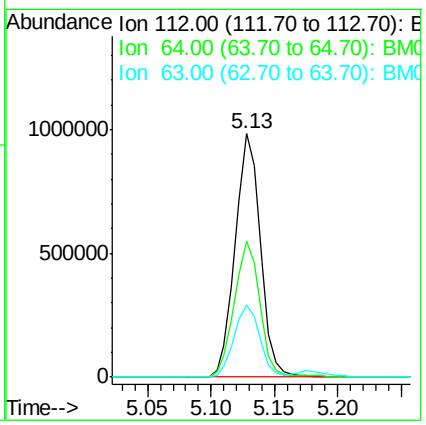


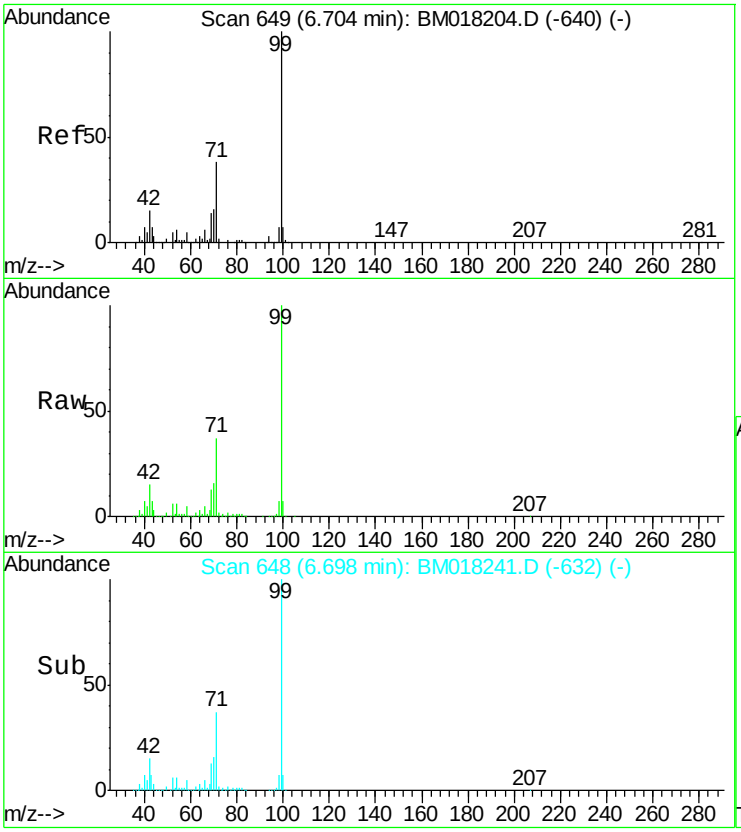


#5
2-Fluorophenol
Concen: 175.387 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Tgt Ion:112 Resp: 1350310

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.4	68.2
63	29.4	24.0	36.0



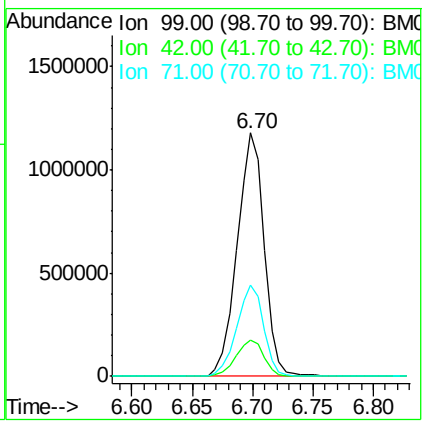


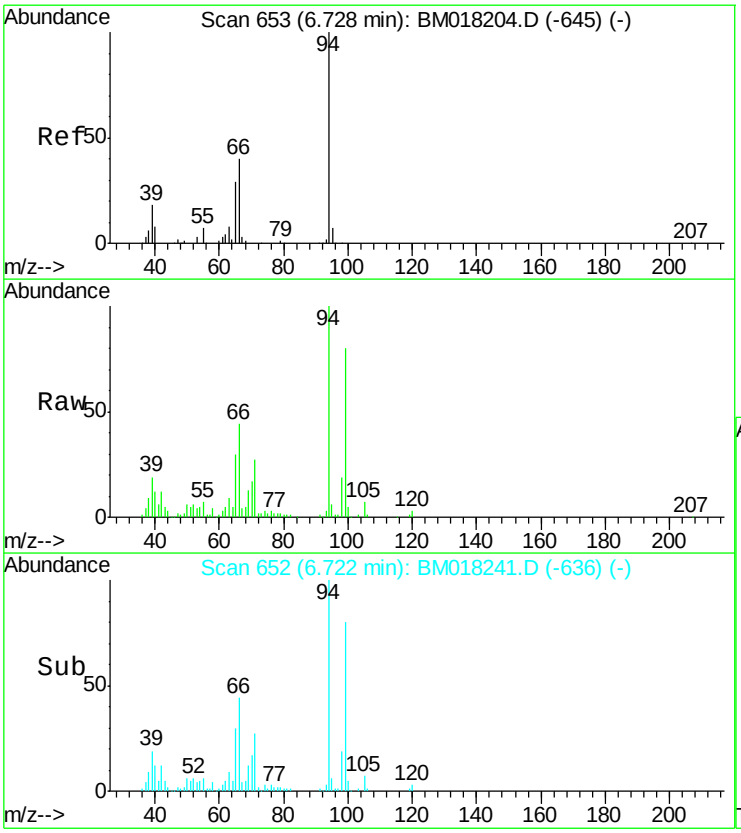
#7
Phenol-d6
Concen: 171.891 ng
RT: 6.70 min Scan# 648
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

Tgt Ion: 99 Resp: 1839413

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.3	18.5
71	37.4	30.2	45.2

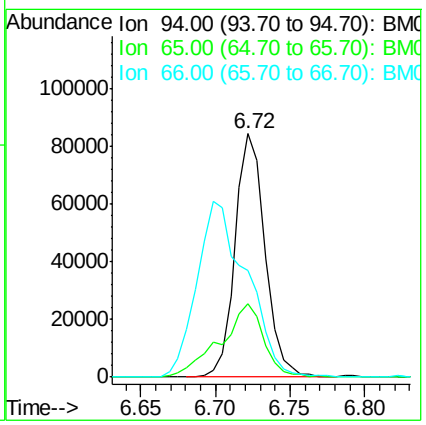


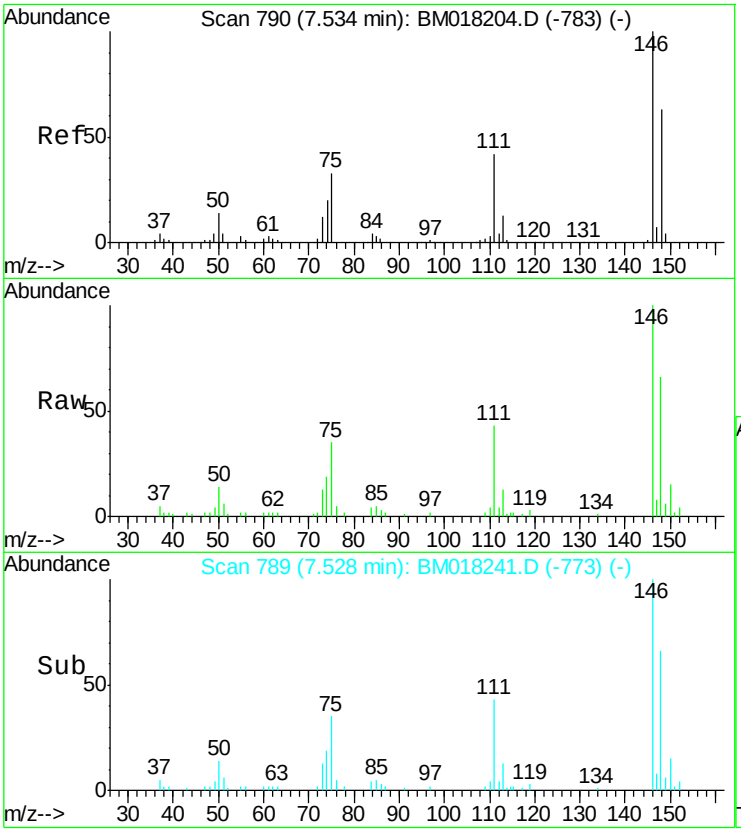


#10
Phenol
Concen: 10.424 ng
RT: 6.72 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Tgt Ion: 94 Resp: 118129

Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.5	49.5
66	43.8	21.3	61.3



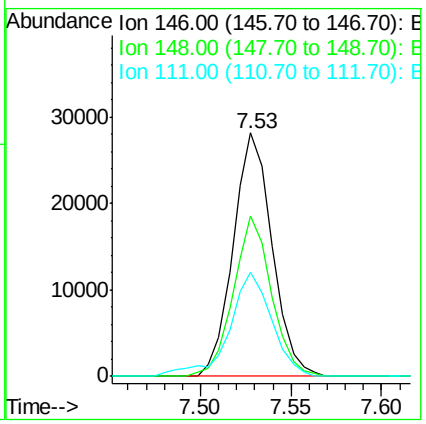


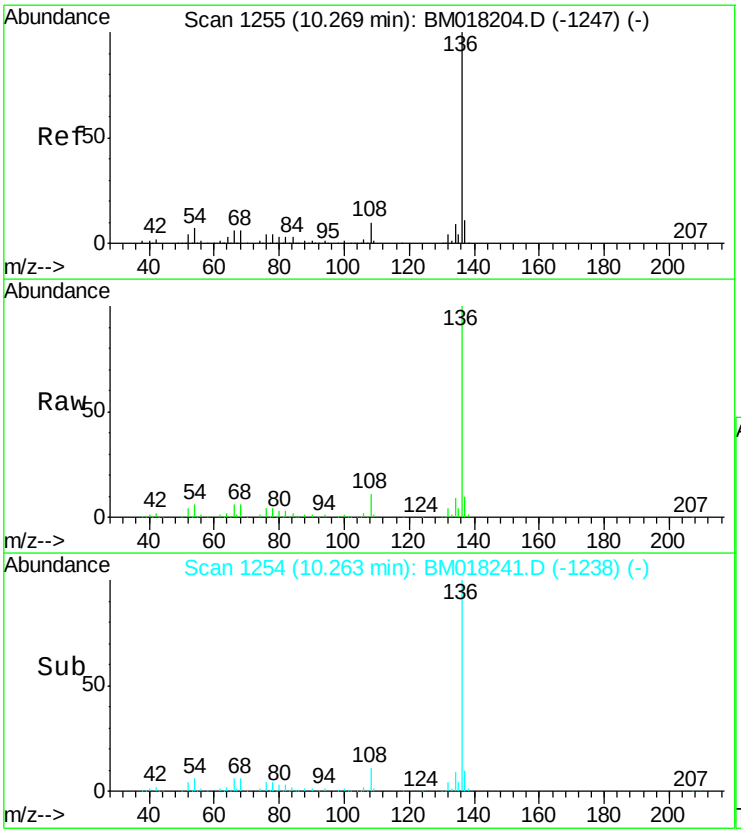
#13
1,4-Dichlorobenzene
Concen: 4.061 ng
RT: 7.53 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

Tgt Ion:146 Resp: 41886

Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.7	76.1
111	42.6	34.2	51.2

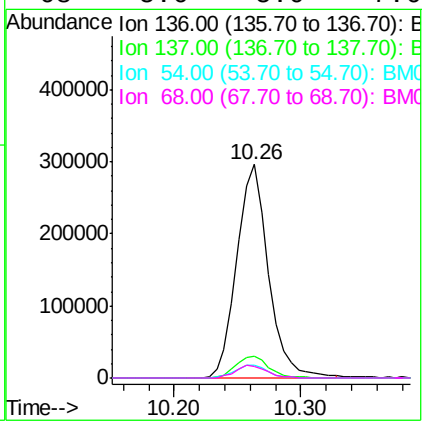


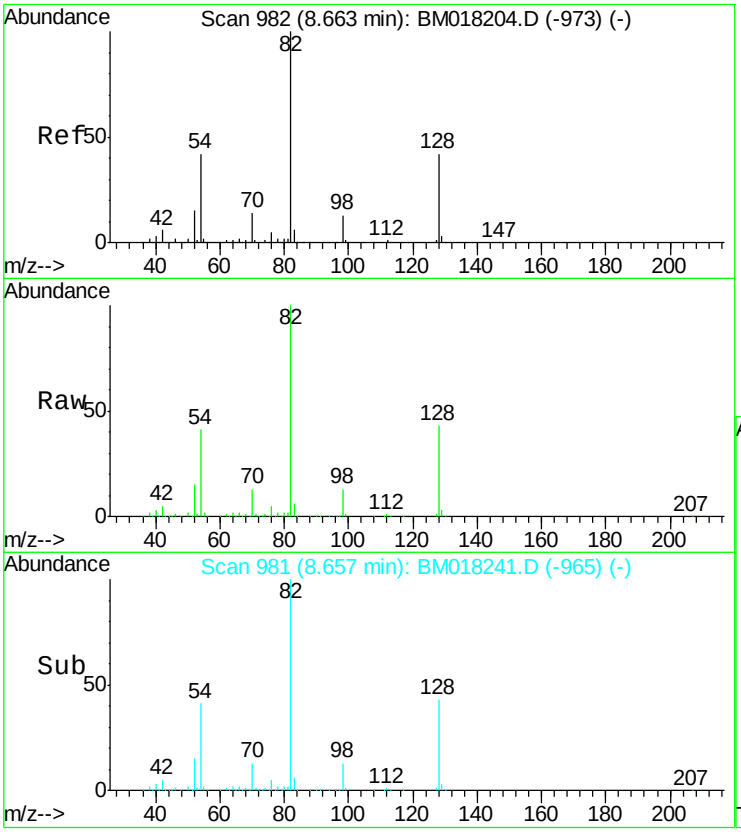


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Tgt Ion:136 Resp: 516026

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	5.9	5.2	7.8
68	5.6	5.0	7.6



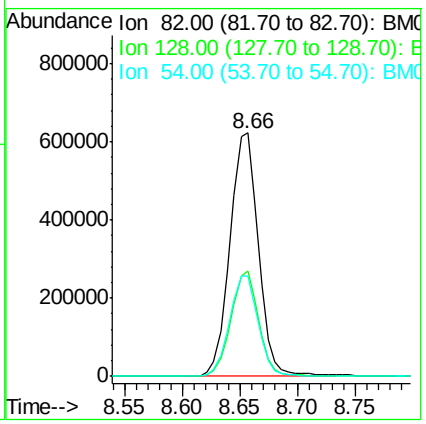


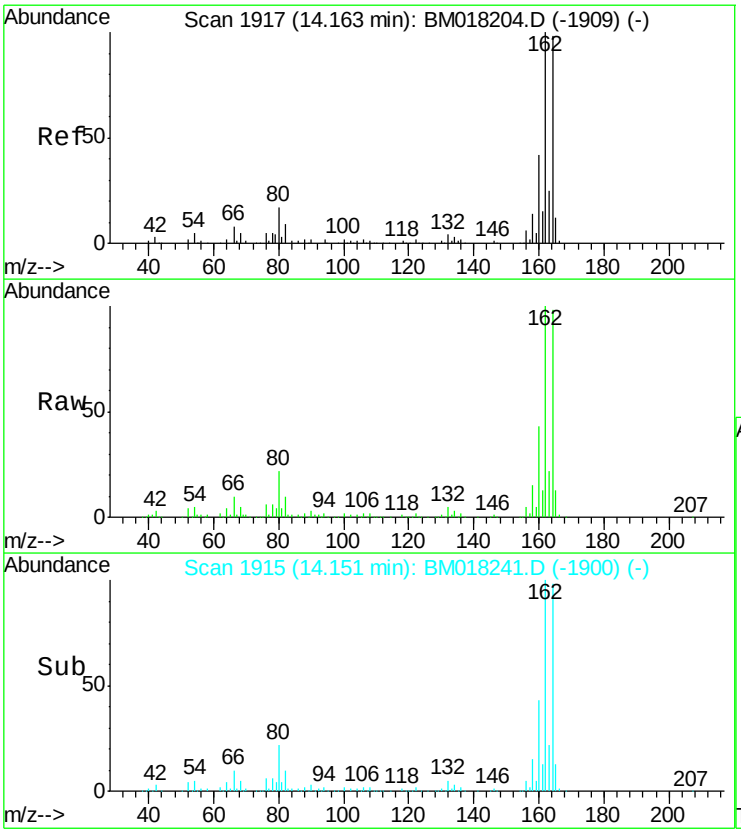
#23
Nitrobenzene-d5
Concen: 105.876 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

Tgt Ion: 82 Resp: 1065138

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.2
54	40.9	33.4	50.2

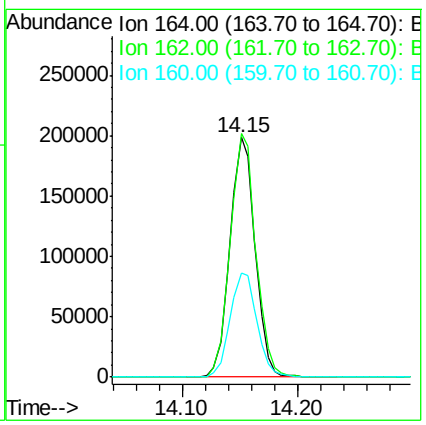


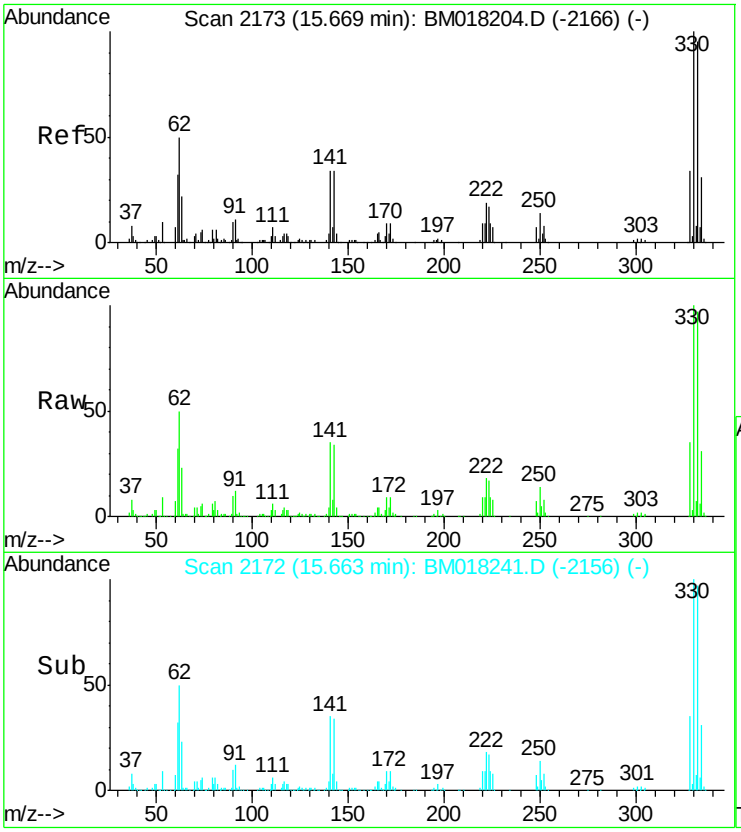


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Tgt Ion:164 Resp: 299857

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.6
160	43.4	34.6	51.8



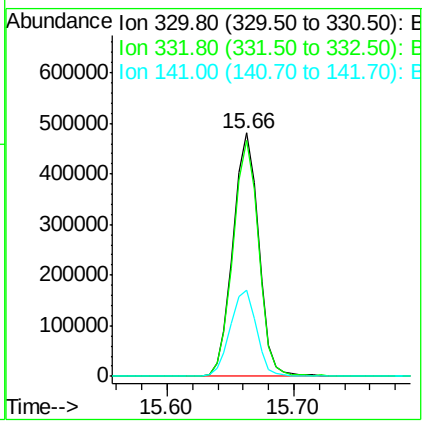


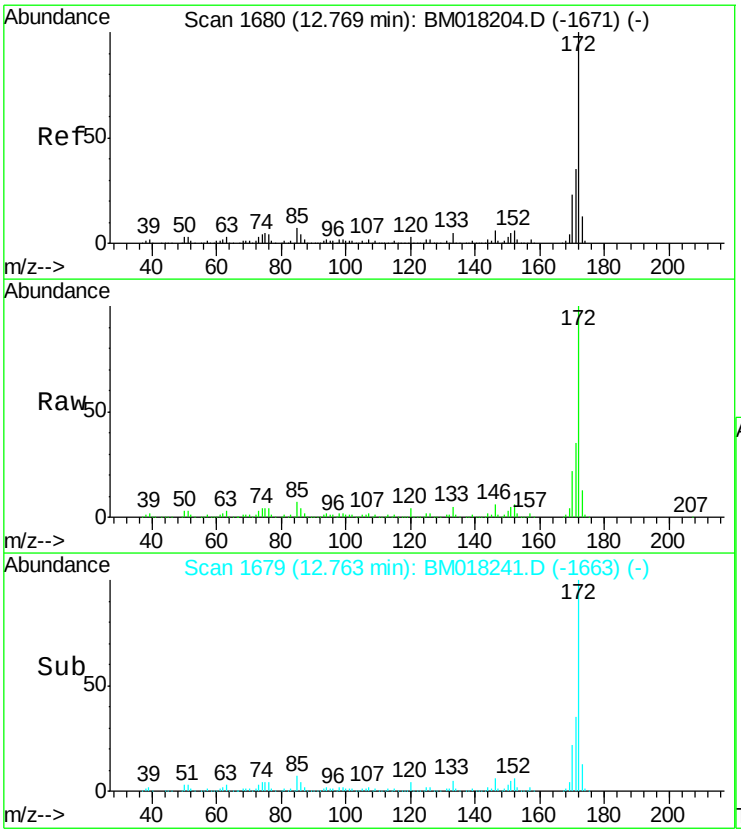
#42
2,4,6-Tribromophenol
Concen: 152.859 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

Tgt Ion:330 Resp: 672743

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.6	118.0
141	36.2	27.1	40.7

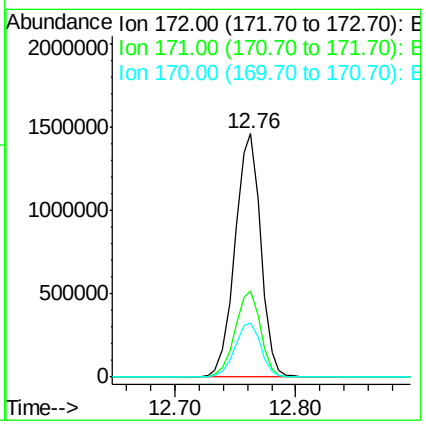


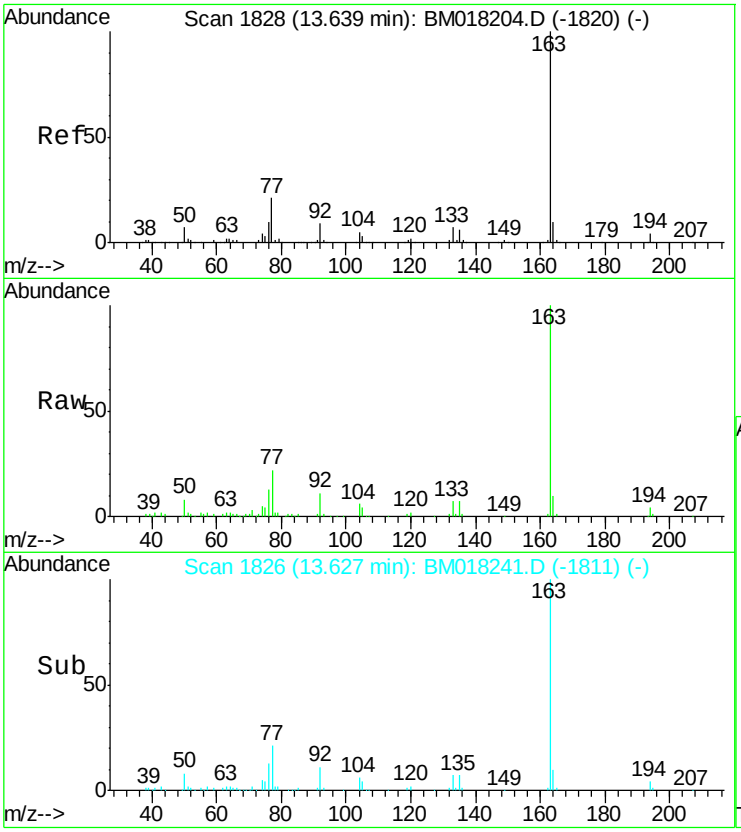


#45
2-Fluorobiphenyl
Concen: 93.888 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Tgt Ion:172 Resp: 2173578

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	22.5	18.1	27.1



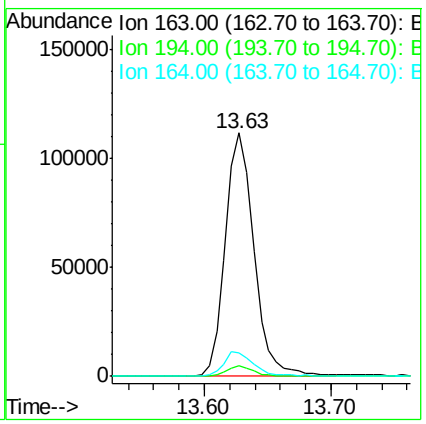


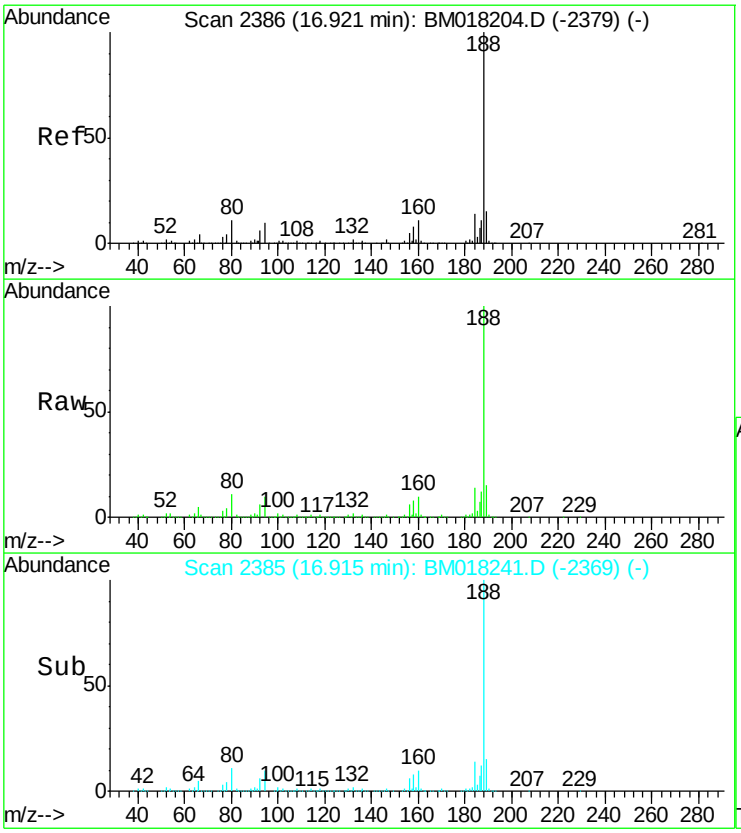
#50
Dimethylphthalate
Concen: 7.009 ng
RT: 13.63 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

Tgt Ion:163 Resp: 174723

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	9.7	7.9	11.9

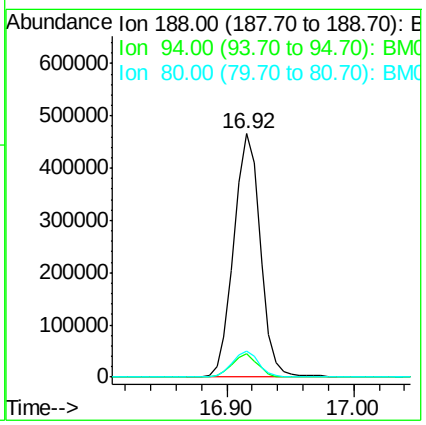


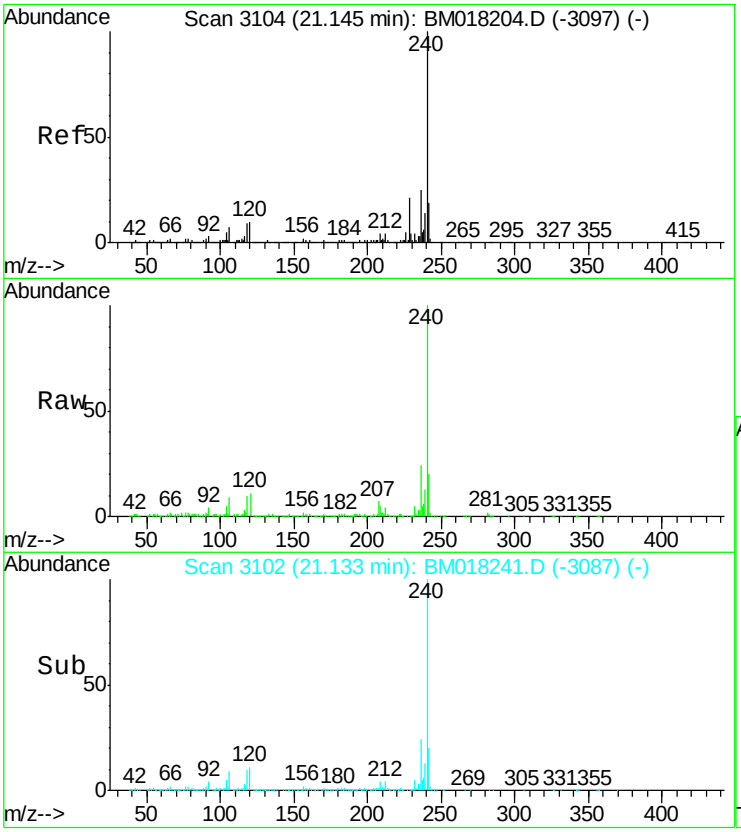


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Tgt Ion:188 Resp: 675739

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.8	9.0	13.6



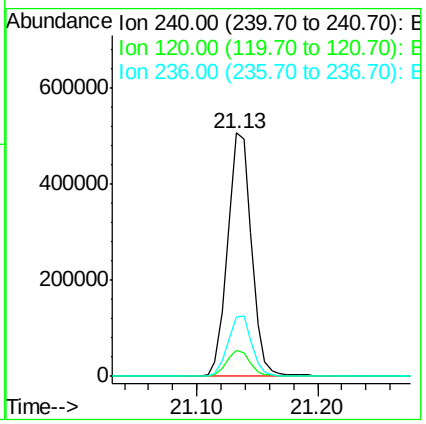


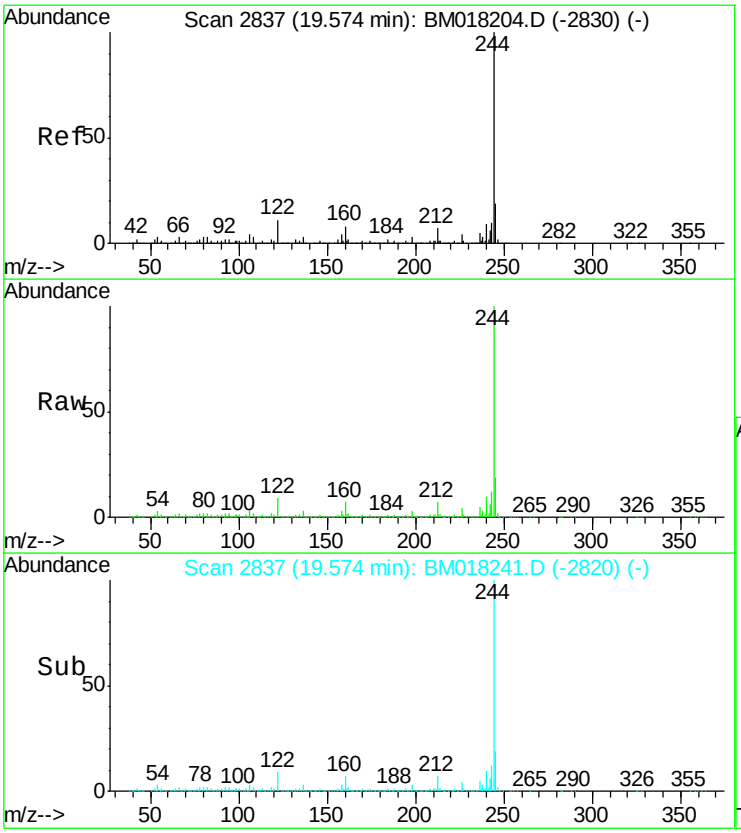
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

Tgt Ion:240 Resp: 700534

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.2
236	24.3	20.3	30.5

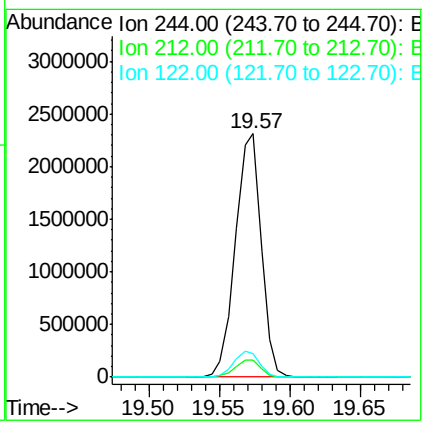


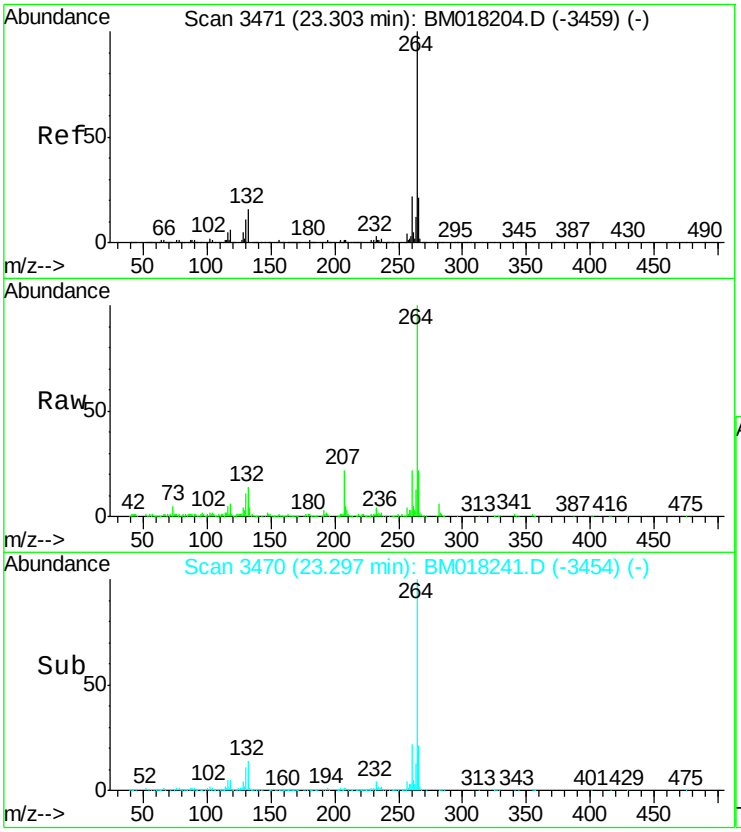


#79
Terphenyl-d14
Concen: 94.933 ng
RT: 19.57 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Tgt Ion:244 Resp: 2940505

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	9.4	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

Tgt Ion:264 Resp: 620061

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.5	26.3
265	21.7	17.3	25.9