Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018221.D
Acq On : 16 Dec 2018 11:48
Operator : JU/SJ
Sample : J6377-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD004-0612-01

Quant Time: Dec 17 03:53:57 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	7.50	152	117529	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	447692	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	250406	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	492295	20.00	ng	0.00
76) Chrysene-d12	21.14	240	442880	20.00	ng	0.00
87) Perylene-d12	23.30	264	453724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1074290	152.69	ng	0.00
7) Phenol-d6	6.70	99	1430485	146.28	ng	0.00
23) Nitrobenzene-d5	8.66	82	883139	101.18	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	460753	125.37	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1826369	94.47	ng	0.00
79) Terphenyl-d14	19.57	244	2104653	107.48	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.72	94	86901	8.391	ng	99
50) Dimethylphthalate	13.64	163	92475	4.442	ng	97

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

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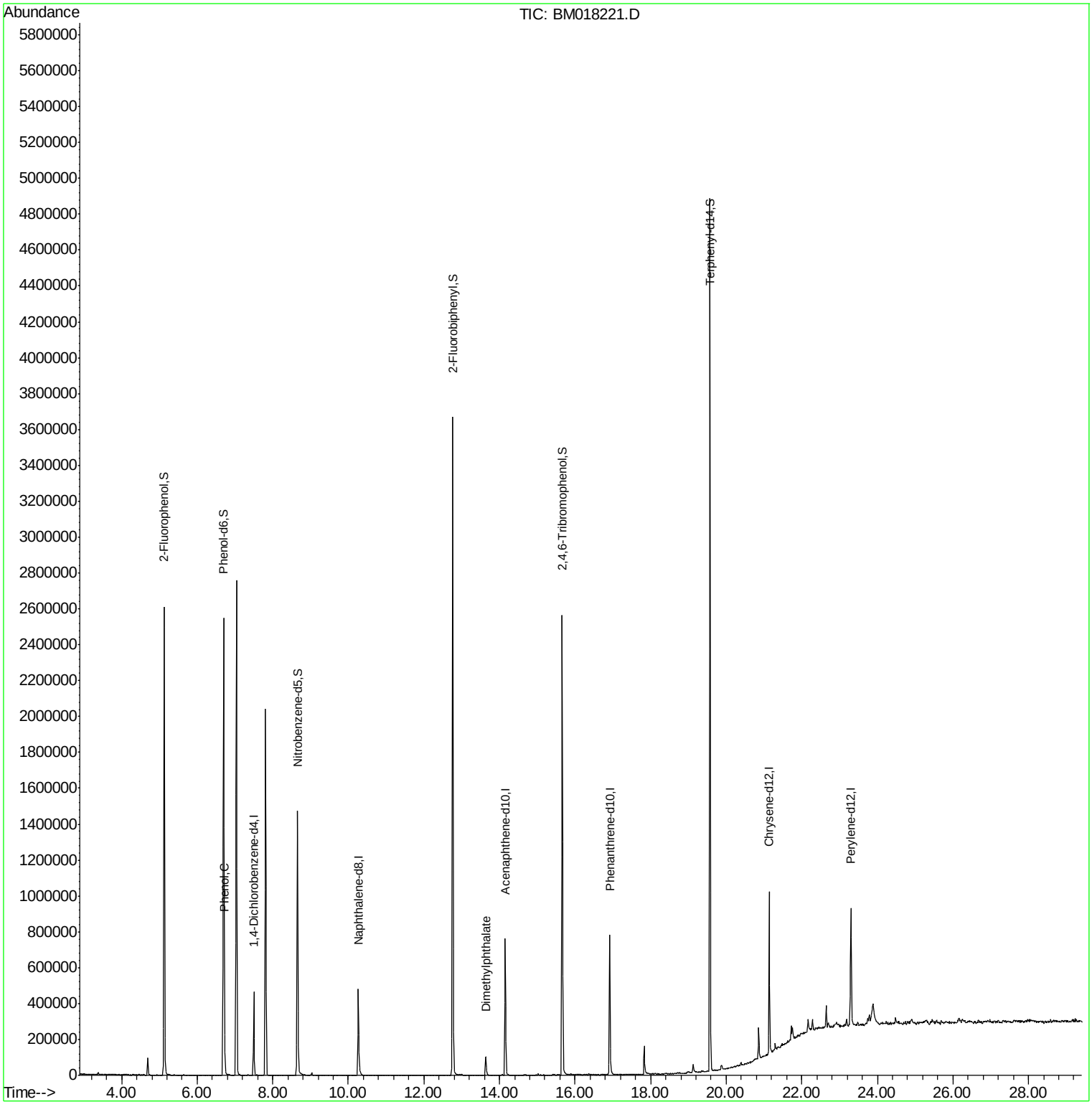
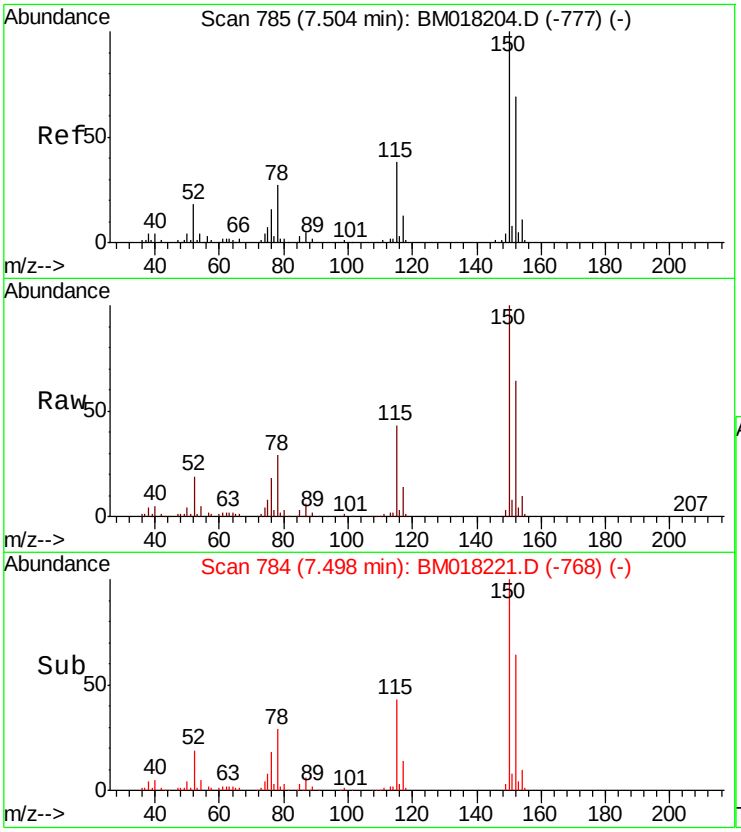


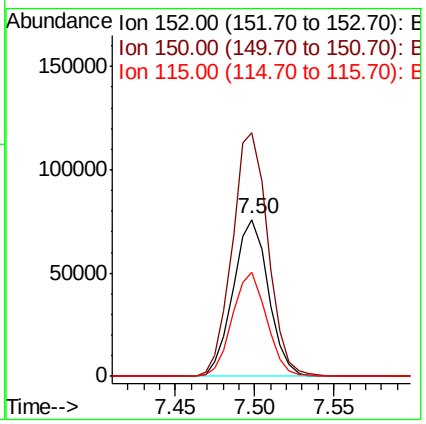


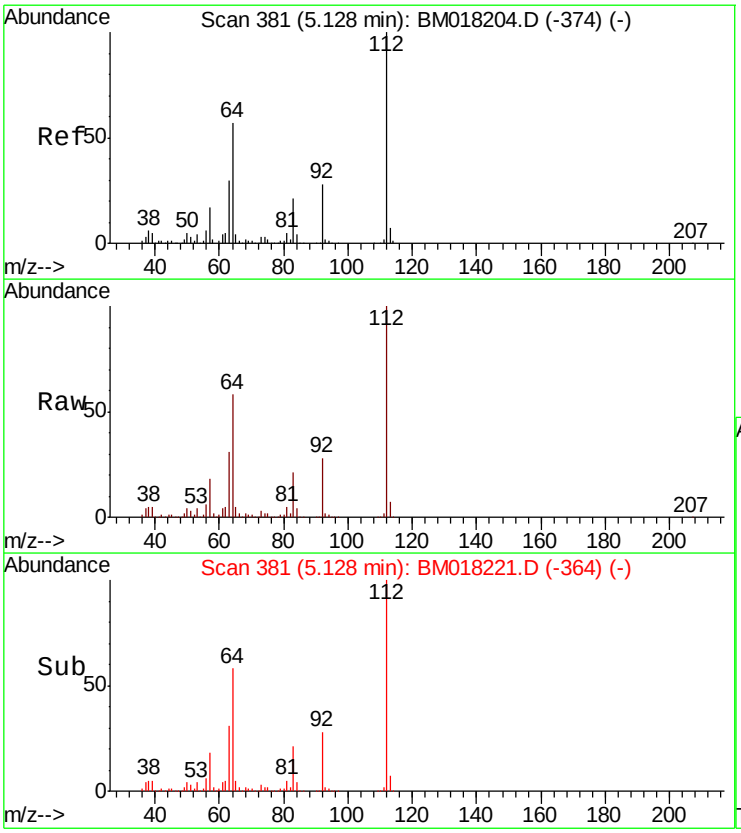
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Instrument :
BNA_M
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:152 Resp: 117529

Ion	Ratio	Lower	Upper
152	100		
150	155.3	116.1	174.1
115	66.1	44.6	67.0

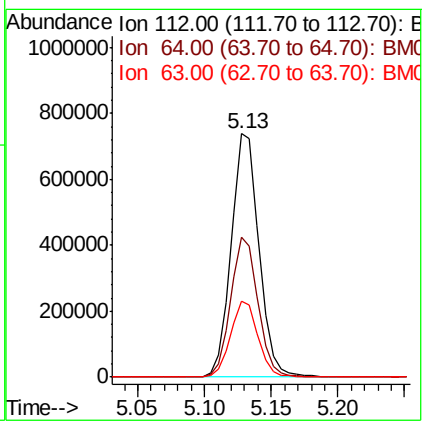


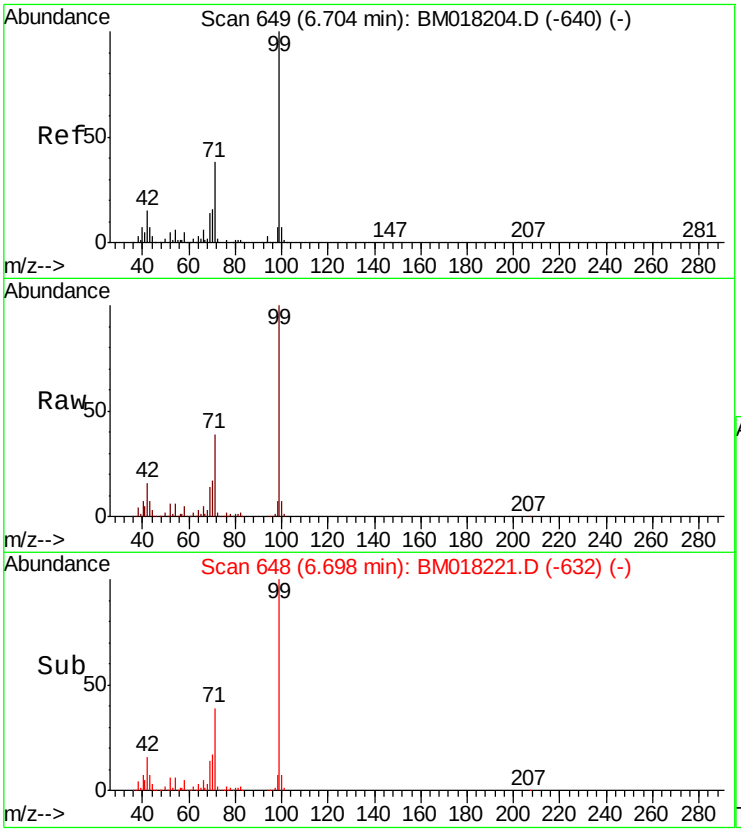


#5
2-Fluorophenol
Concen: 152.693 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Tgt Ion:112 Resp: 1074290

Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.4	68.2
63	31.1	24.0	36.0



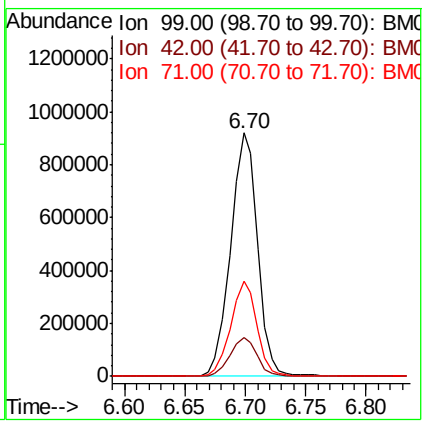


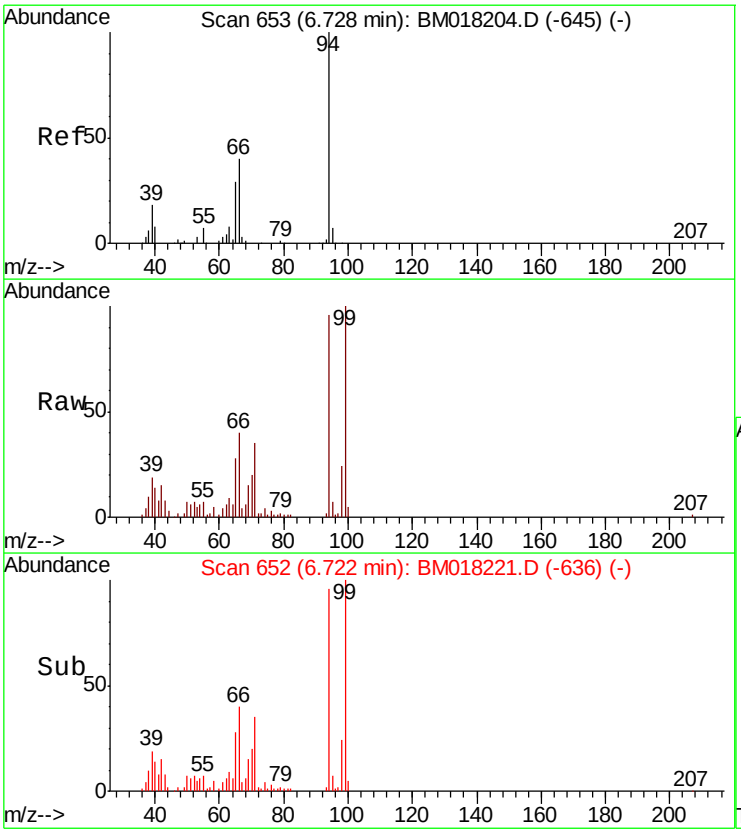
#7
Phenol-d6
Concen: 146.282 ng
RT: 6.70 min Scan# 648
Delta R.T. -0.01 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Instrument :
BNA_M
ClientSampleId :
P001-SD004-0612-01

Tgt Ion: 99 Resp: 1430485

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.3	18.5
71	38.9	30.2	45.2

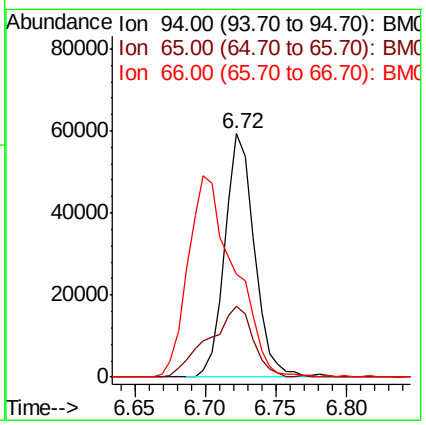


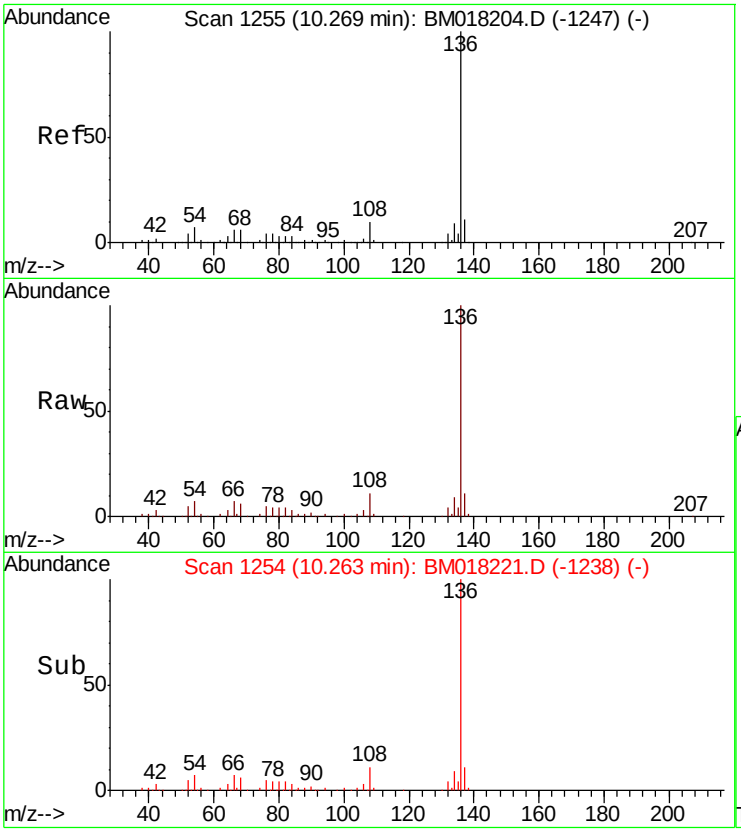


#10
Phenol
Concen: 8.391 ng
RT: 6.72 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Tgt Ion: 94 Resp: 86901

Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.5	49.5
66	42.3	21.3	61.3



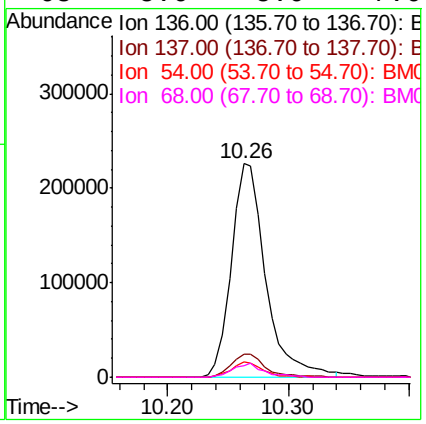


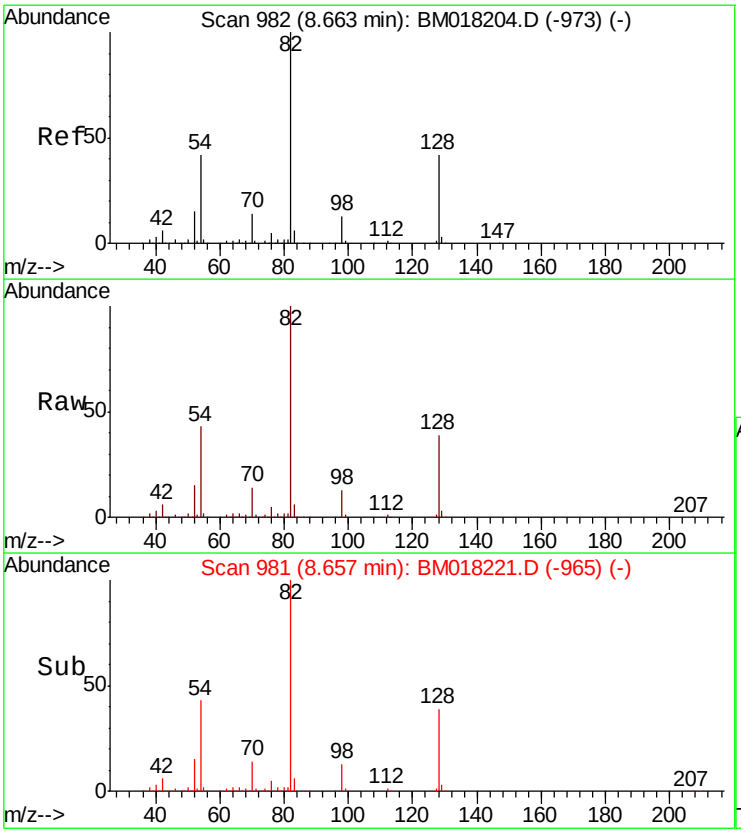
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Instrument :
BNA_M
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:136 Resp: 447692

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.3	5.2	7.8
68	5.6	5.0	7.6

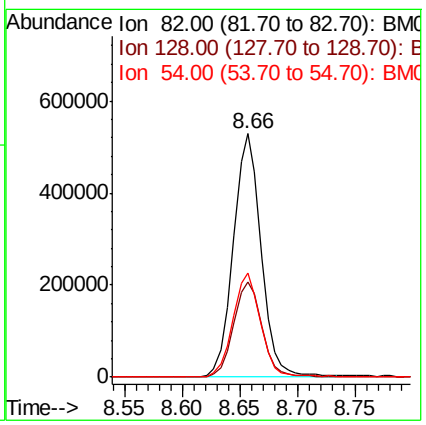


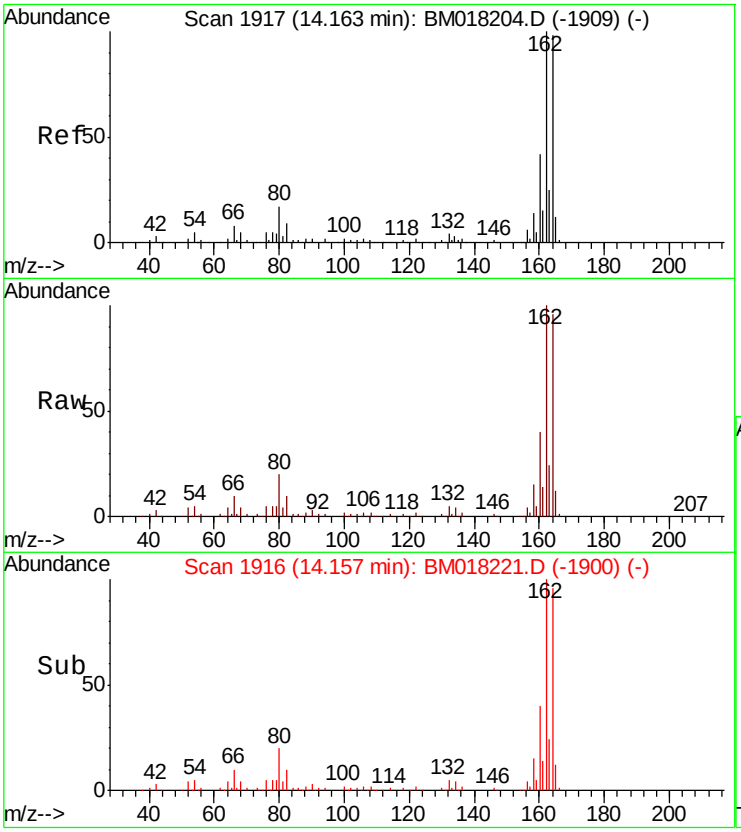


#23
Nitrobenzene-d5
Concen: 101.184 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Tgt Ion: 82 Resp: 883139

Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.4	50.2
54	42.9	33.4	50.2



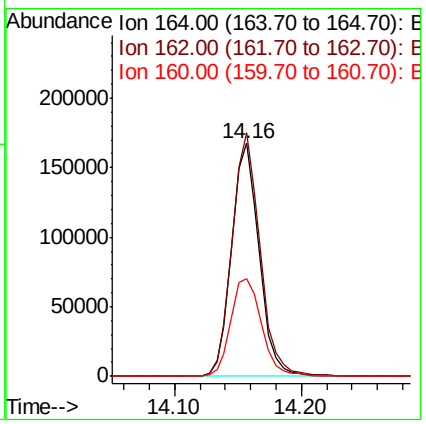


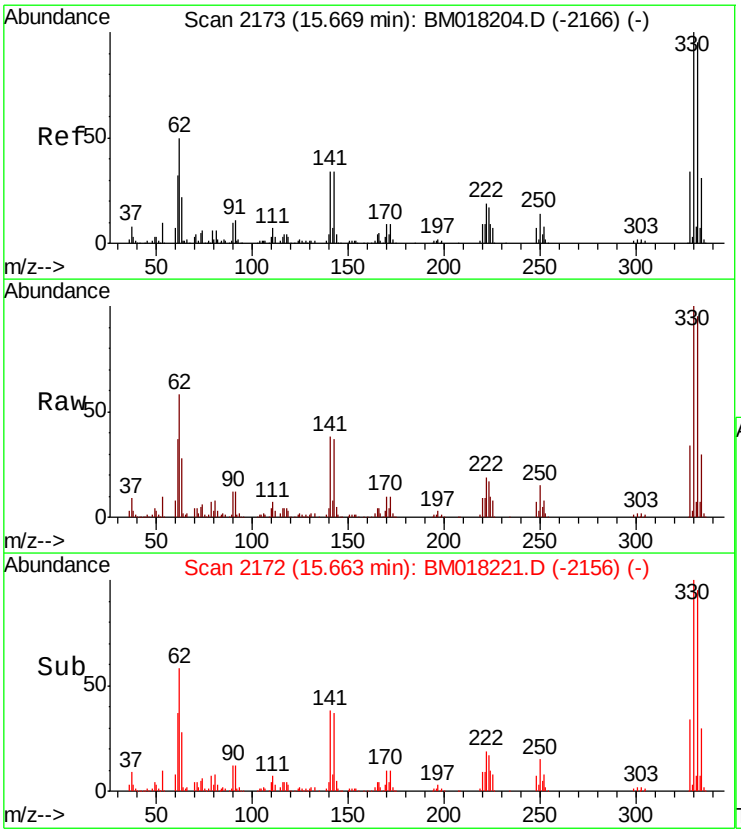
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Instrument :
BNA_M
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:164 Resp: 250406

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.8	122.6
160	41.7	34.6	51.8

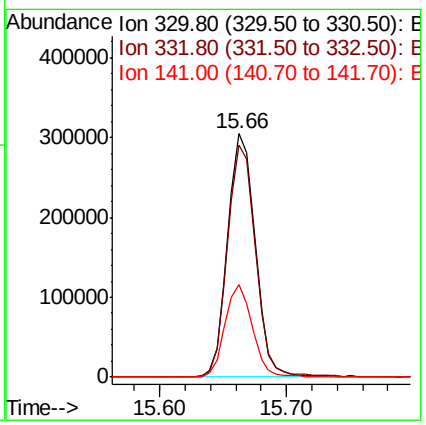


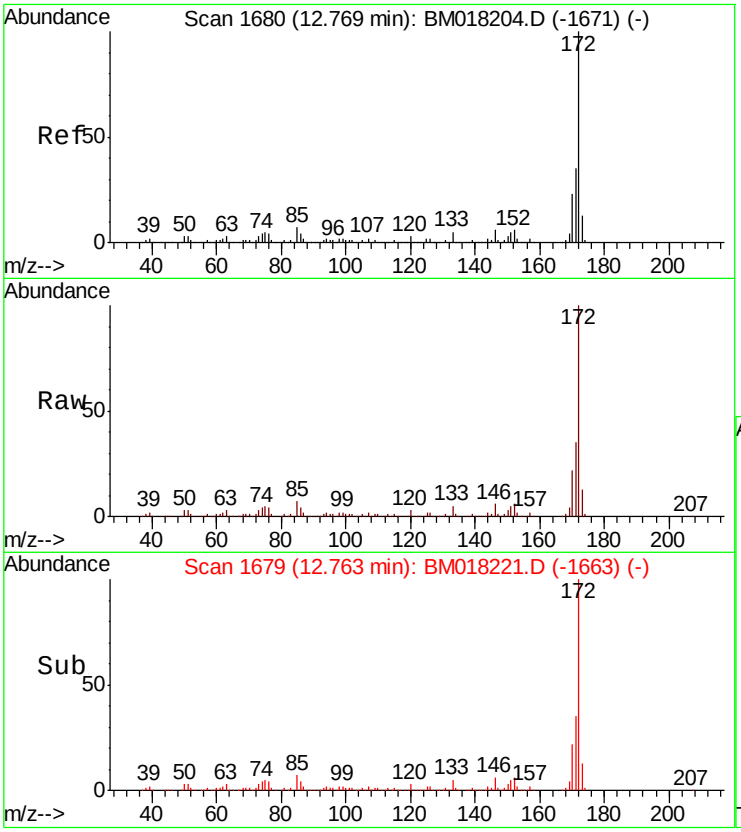


#42
2,4,6-Tribromophenol
Concen: 125.366 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Tgt Ion:330 Resp: 460753

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.6	118.0
141	37.6	27.1	40.7



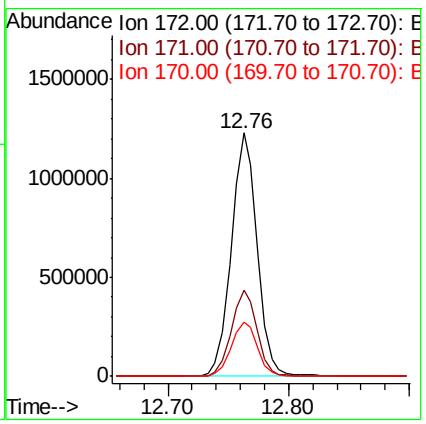


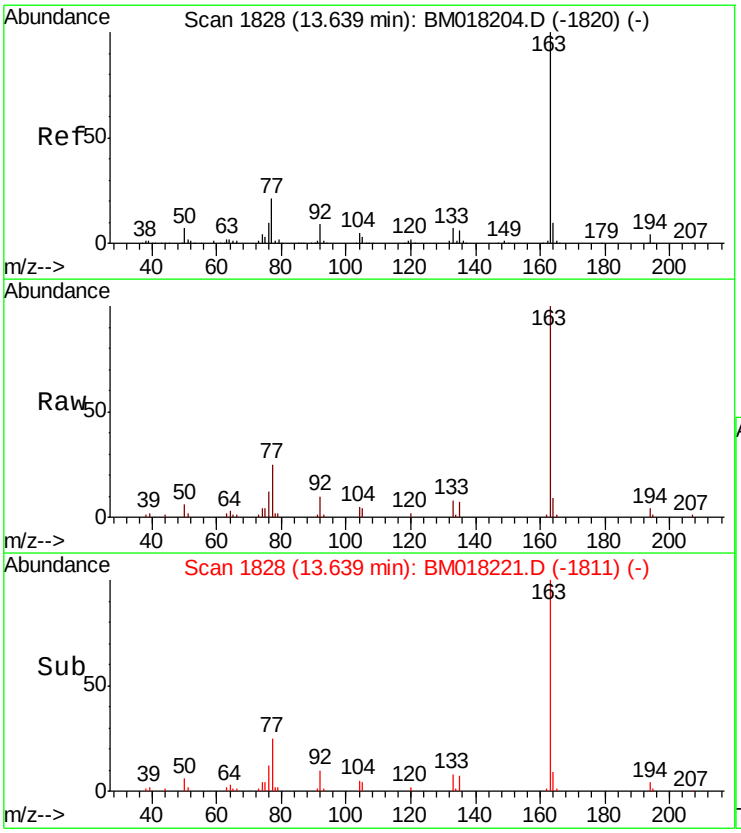
#45
2-Fluorobiphenyl
Concen: 94.470 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Instrument :
BNA_M
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:172 Resp: 1826369

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.3	18.1	27.1

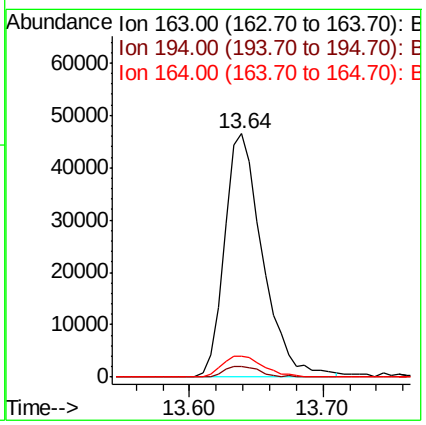


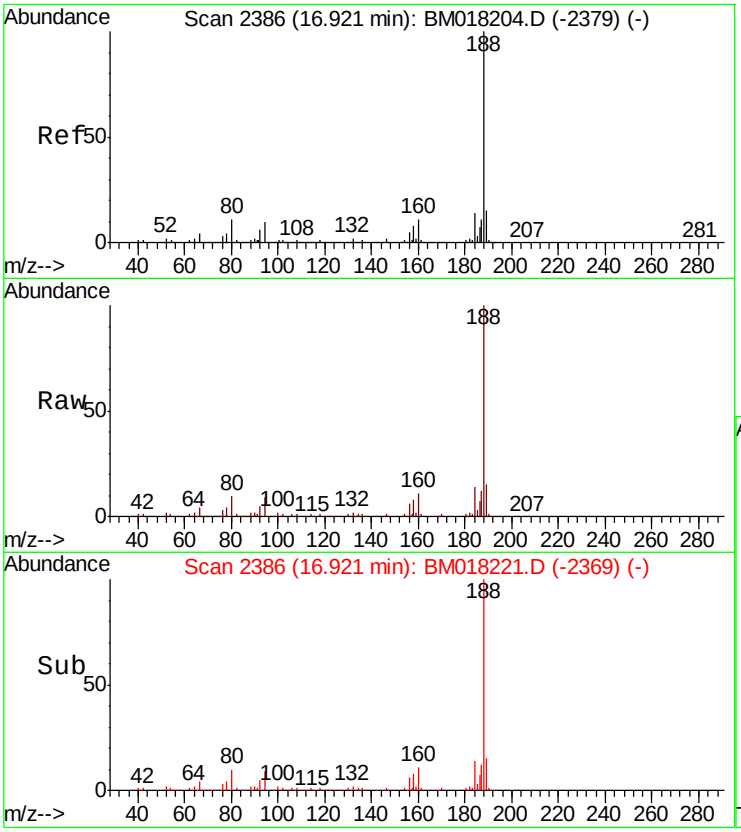


#50
Dimethylphthalate
Concen: 4.442 ng
RT: 13.64 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Tgt Ion:163 Resp: 92475

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	8.7	7.9	11.9



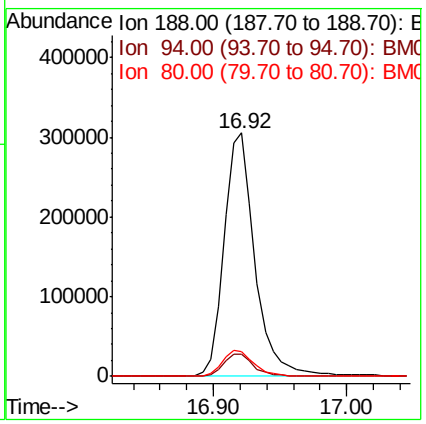


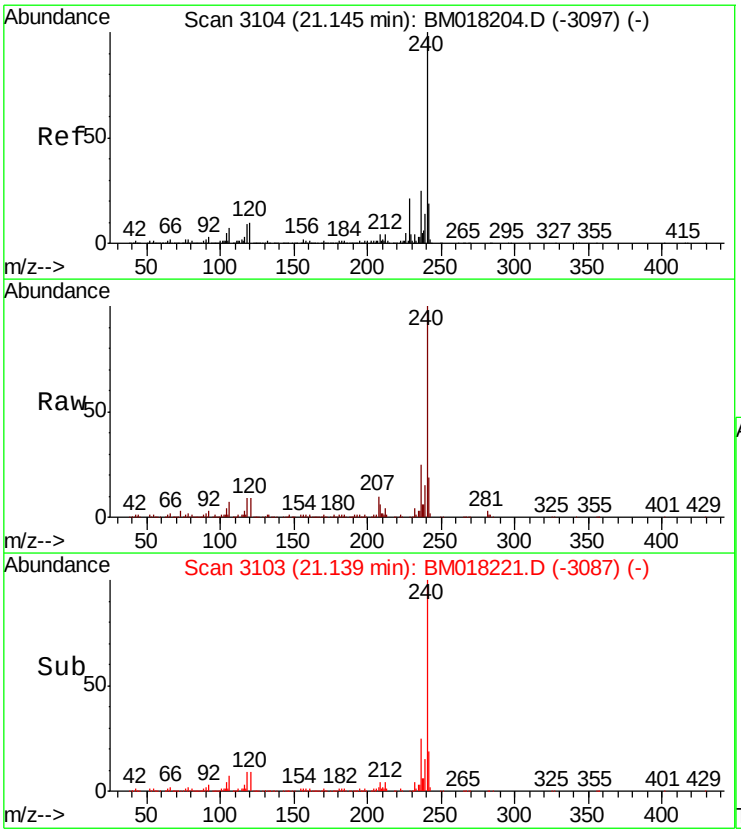
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Instrument :
BNA_M
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:188 Resp: 492295

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	10.4	9.0	13.6

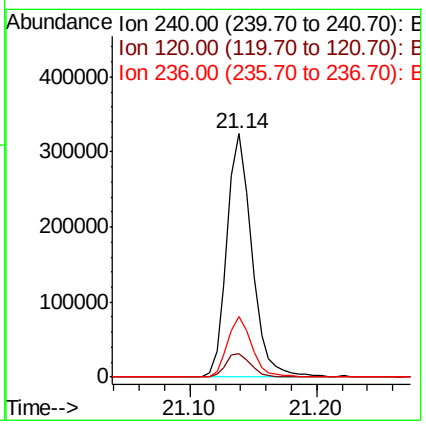


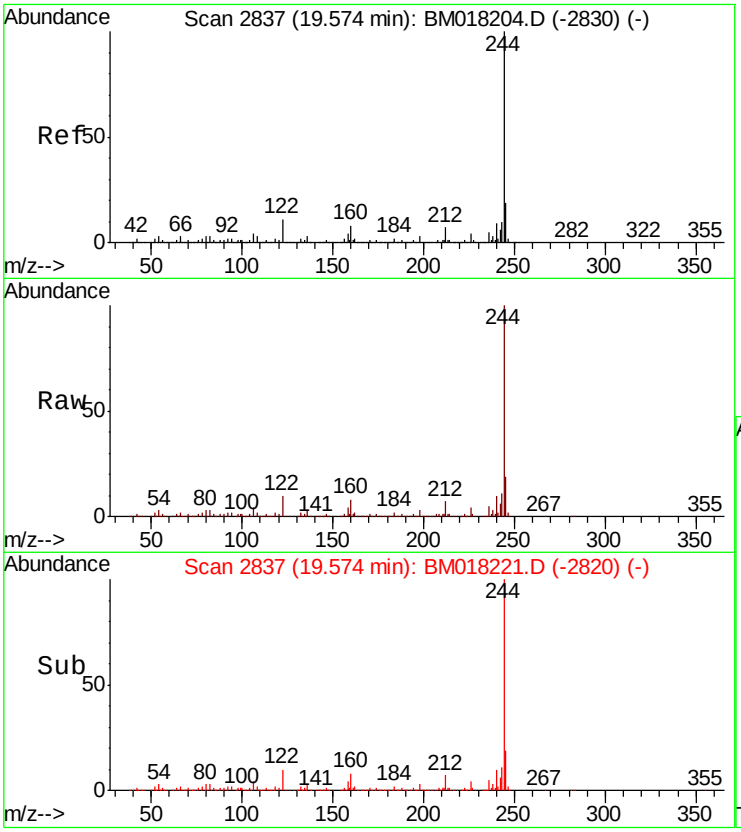


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Tgt Ion:240 Resp: 442880

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	24.7	20.3	30.5



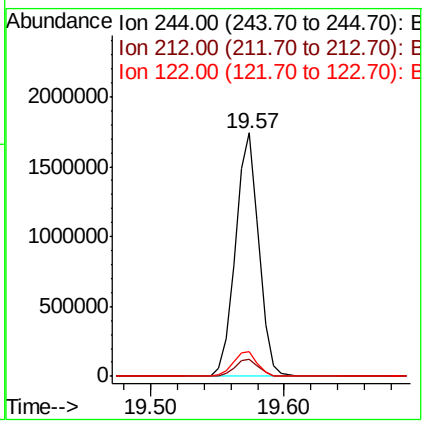


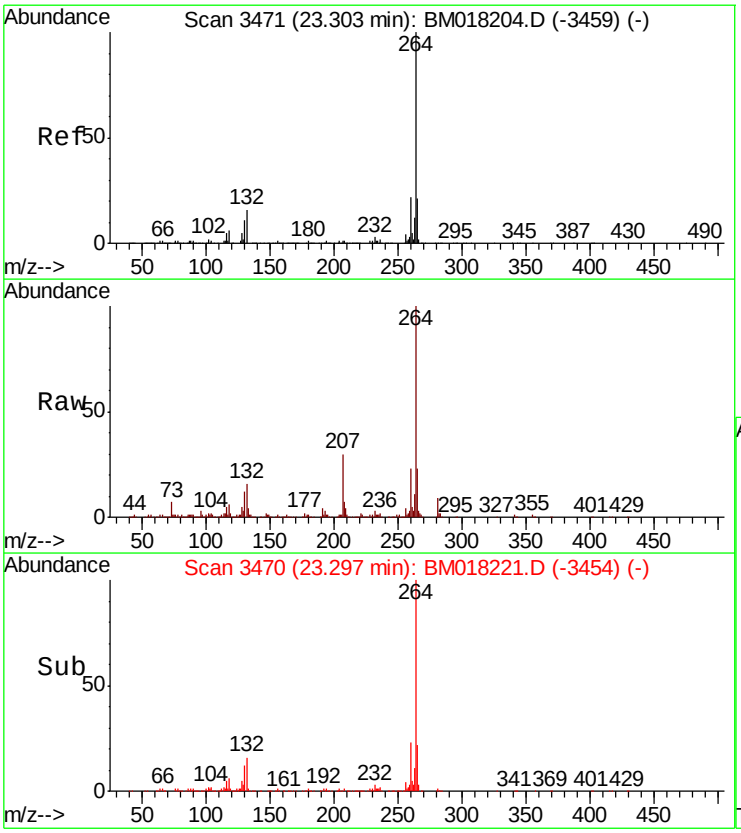
#79
Terphenyl-d14
Concen: 107.478 ng
RT: 19.57 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Instrument :
BNA_M
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:244 Resp: 2104653

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.9	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: BM018221.D
Acq: 16 Dec 2018 11:48

Tgt Ion:264 Resp: 453724

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.5	26.3
265	23.0	17.3	25.9