Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
Data File : BM017619.D
Acq On : 12 Nov 2018 18:56
Operator : MJ/SJ
Sample : J5863-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RT-3263

Quant Time: Nov 13 03:29:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	250337	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1030754	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	597224	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1353796	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1339415	20.00	ng	0.00
87) Perylene-d12	23.41	264	1176760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1479994	99.77	ng	0.00
7) Phenol-d6	6.80	99	2056941	99.29	ng	0.00
23) Nitrobenzene-d5	8.77	82	1271162	63.67	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	803790	93.67	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2920844	63.45	ng	0.00
79) Terphenyl-d14	19.66	244	4334103	73.34	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.83	94	115358	5.305	ng	95
50) Dimethylphthalate	13.74	163	137939	2.841	ng	99

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

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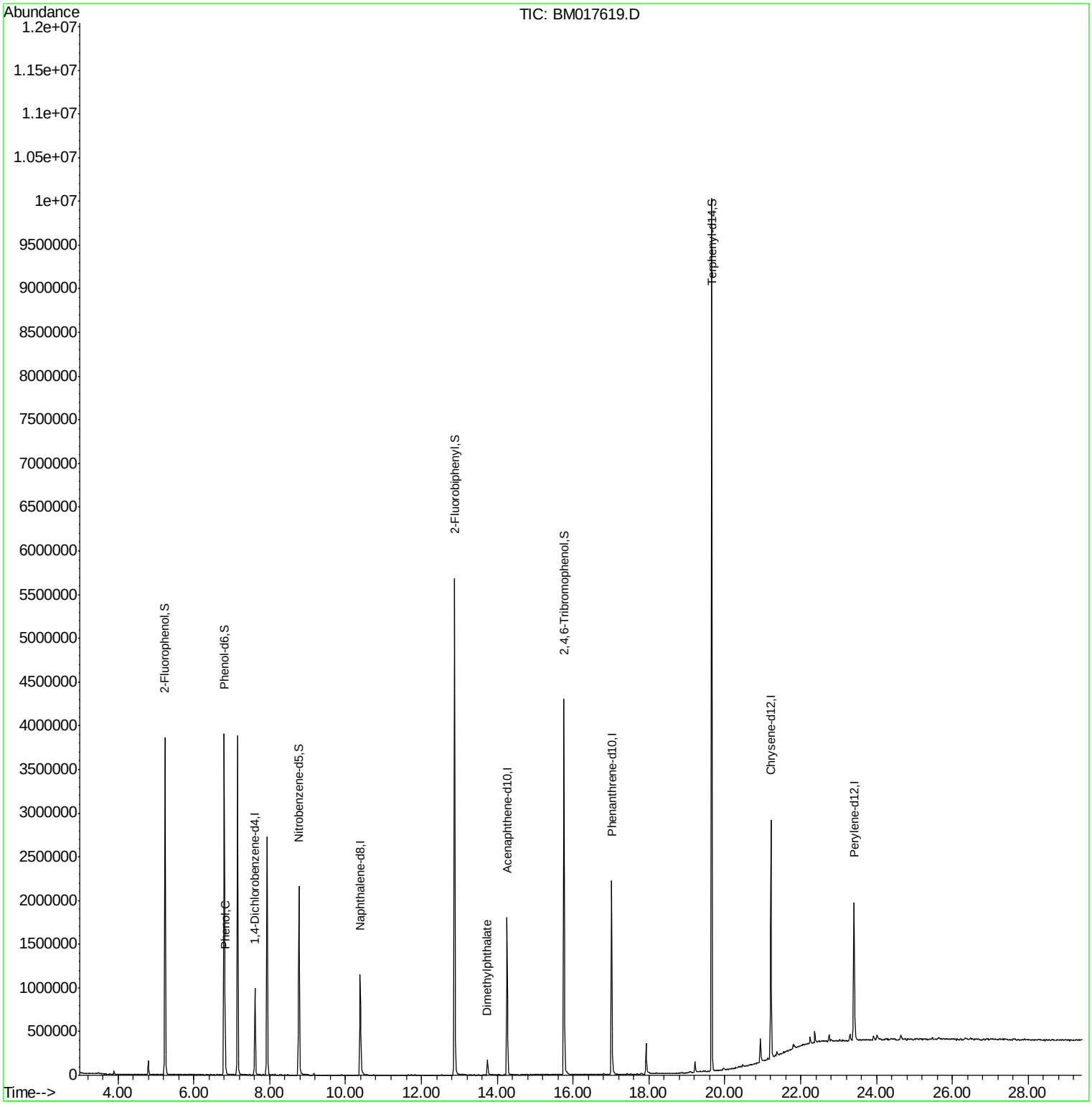
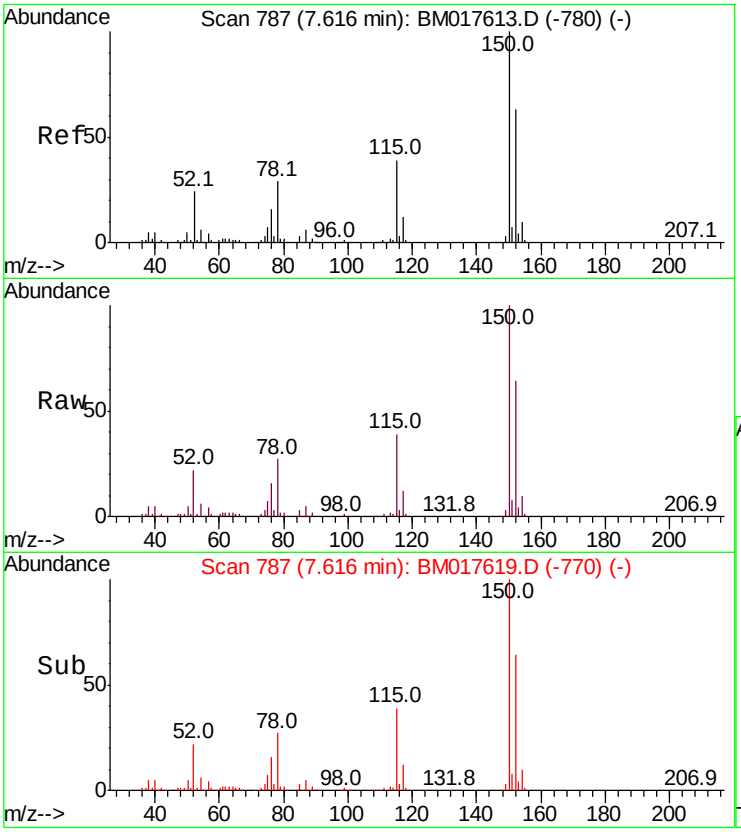


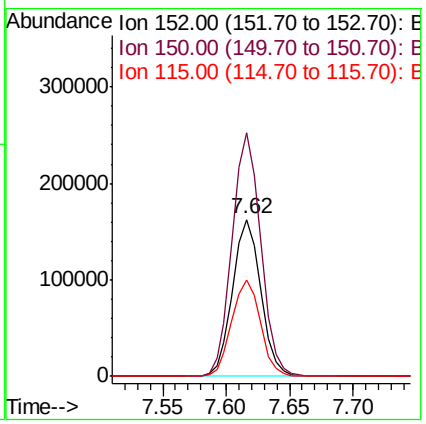


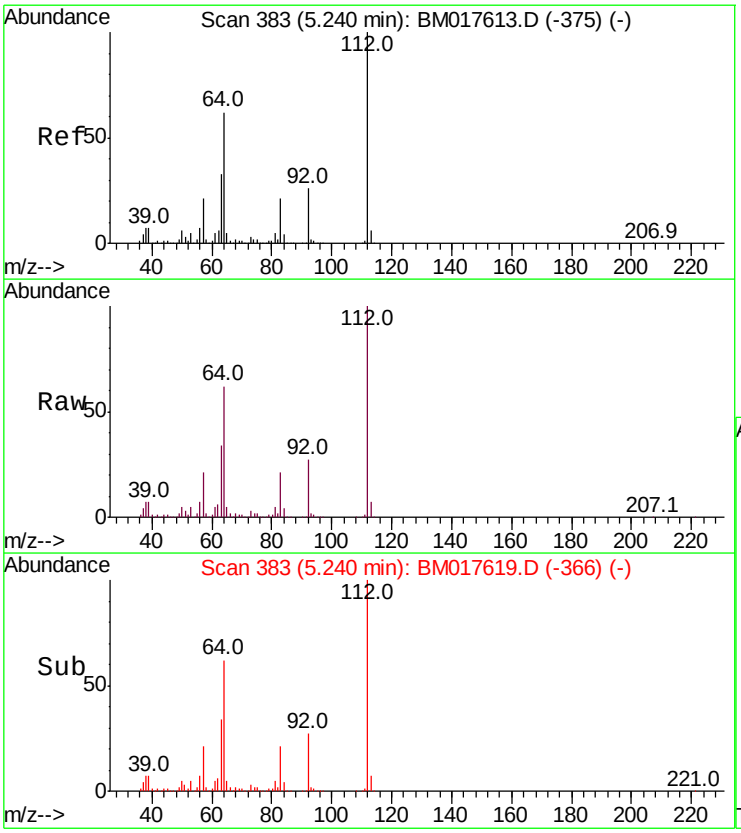
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tgt Ion:152 Resp: 250337

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.4	189.6
115	61.2	49.4	74.0

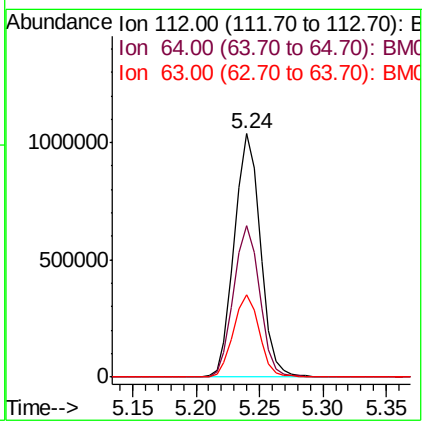


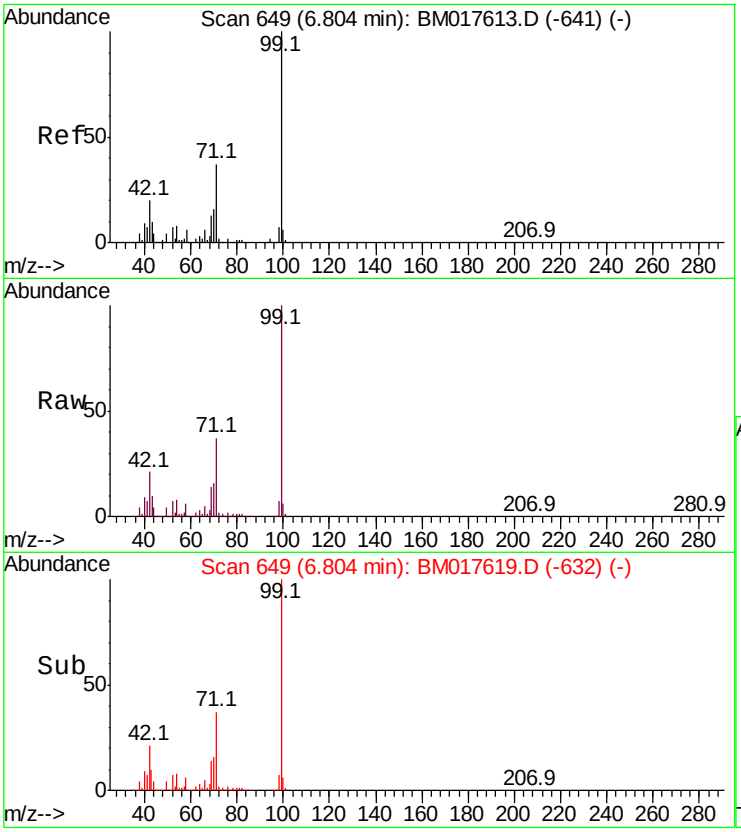


#5
2-Fluorophenol
Concen: 99.774 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion:112 Resp: 1479994

Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.3	73.9
63	33.7	26.2	39.4



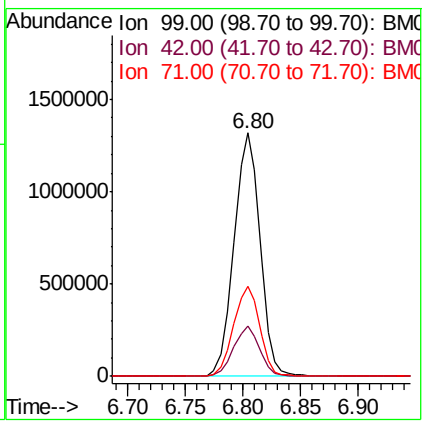


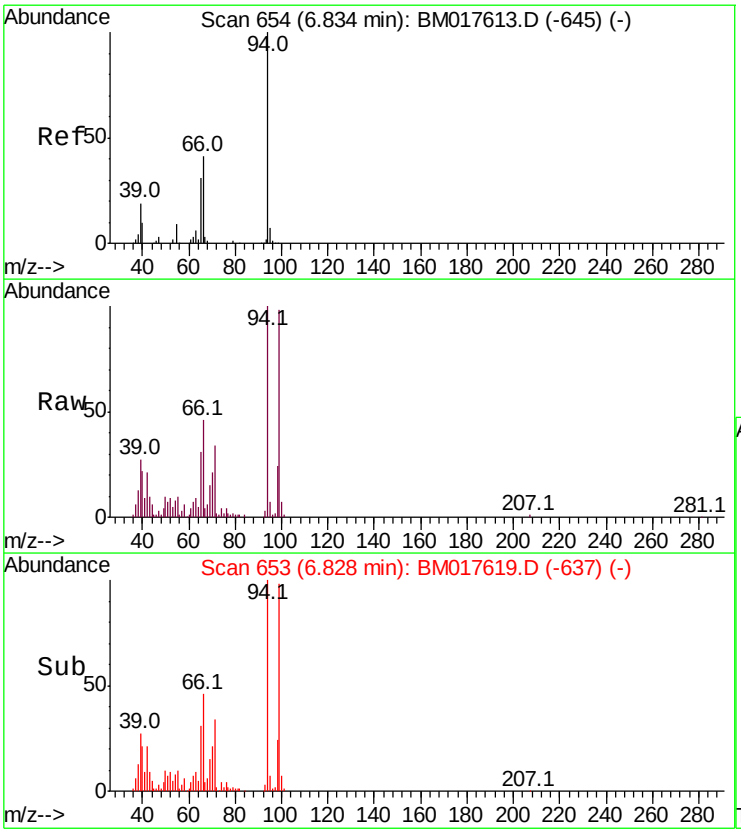
#7
Phenol-d6
Concen: 99.287 ng
RT: 6.80 min Scan# 649
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tgt Ion: 99 Resp: 2056941

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.3	24.5
71	37.2	29.8	44.8

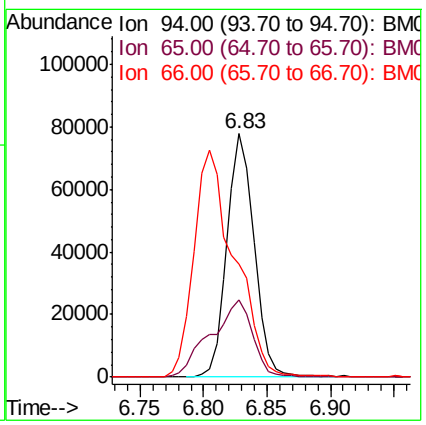


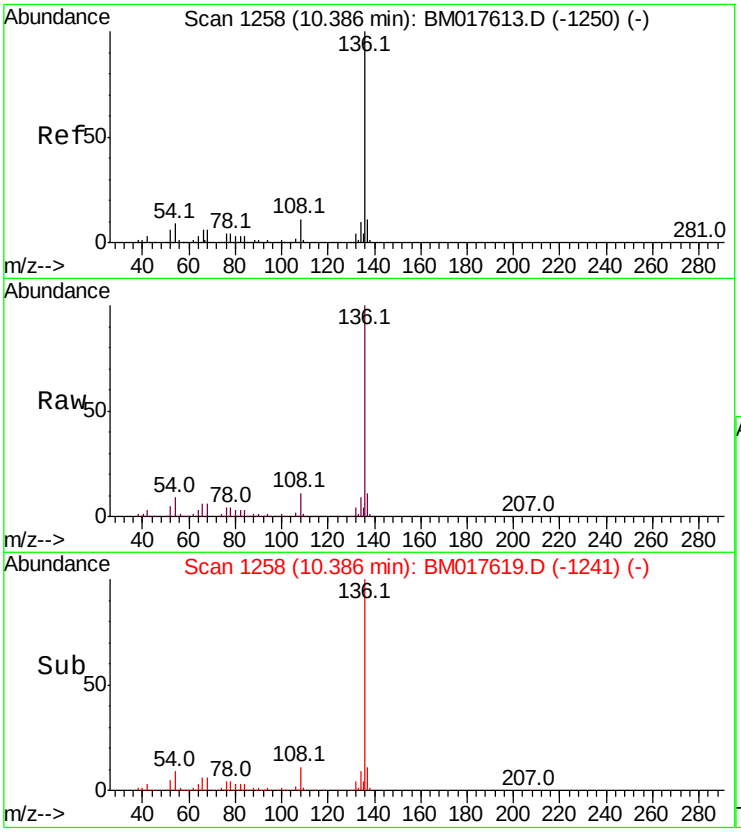


#10
Phenol
Concen: 5.305 ng
RT: 6.83 min Scan# 653
Delta R.T. -0.01 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion: 94 Resp: 115358

Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.4	51.4
66	46.4	21.4	61.4



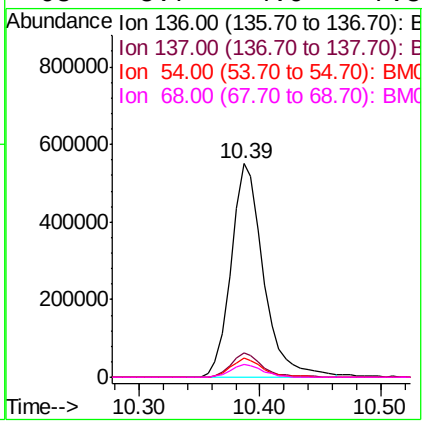


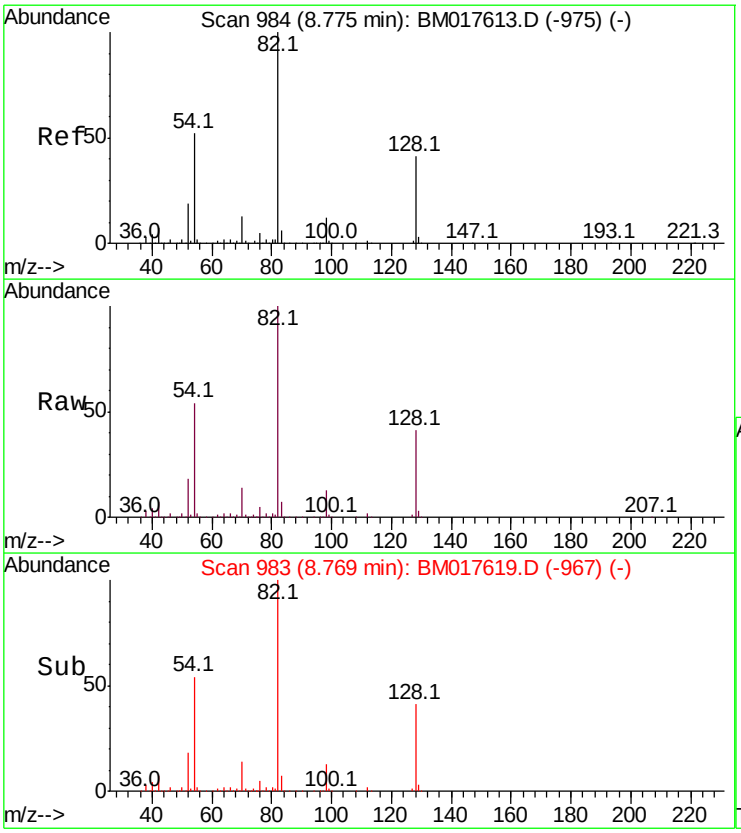
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tgt Ion:136 Resp: 1030754

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.8	7.0	10.6
68	5.7	4.9	7.3

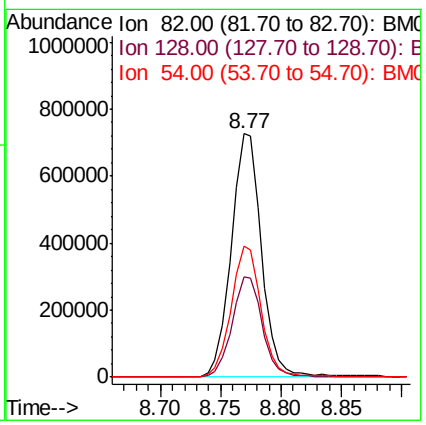


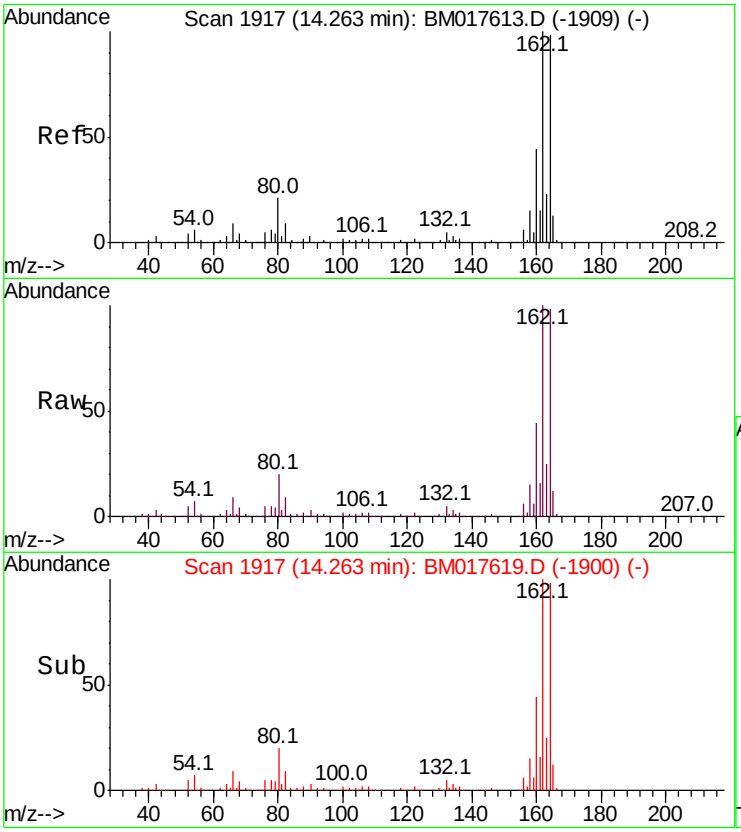


#23
Nitrobenzene-d5
Concen: 63.666 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion: 82 Resp: 1271162

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	54.0	41.4	62.2



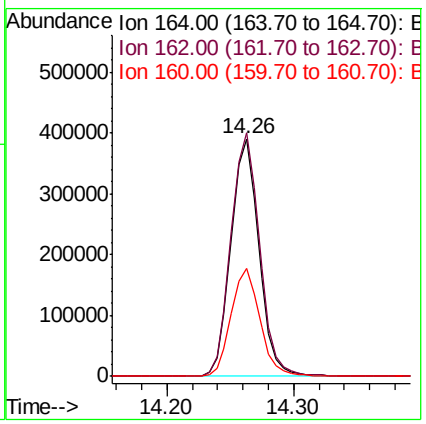


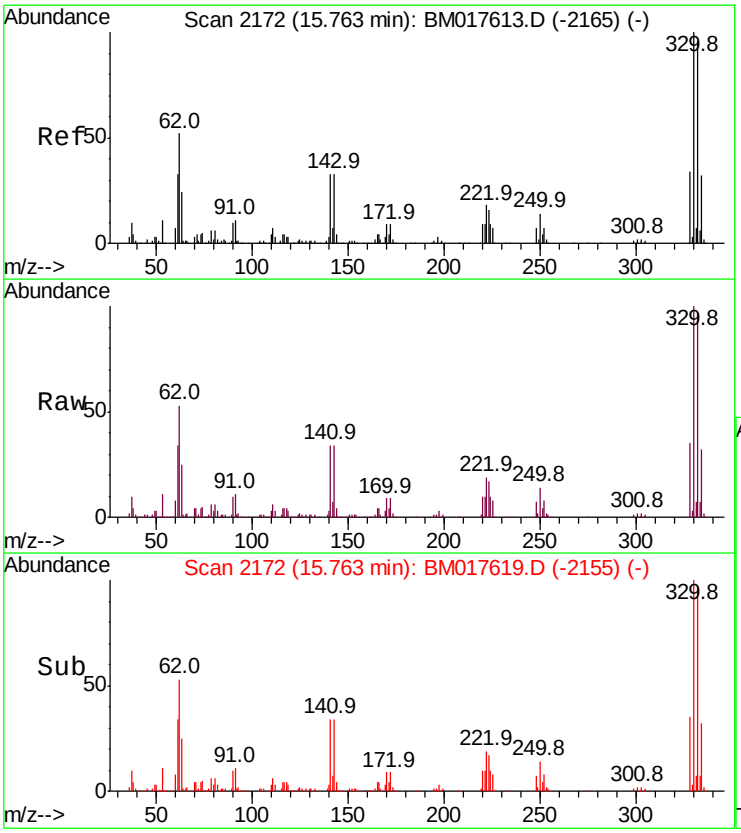
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tgt Ion:164 Resp: 597224

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.0
160	45.5	35.6	53.4

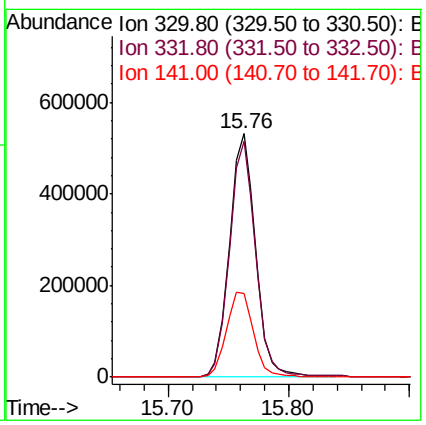


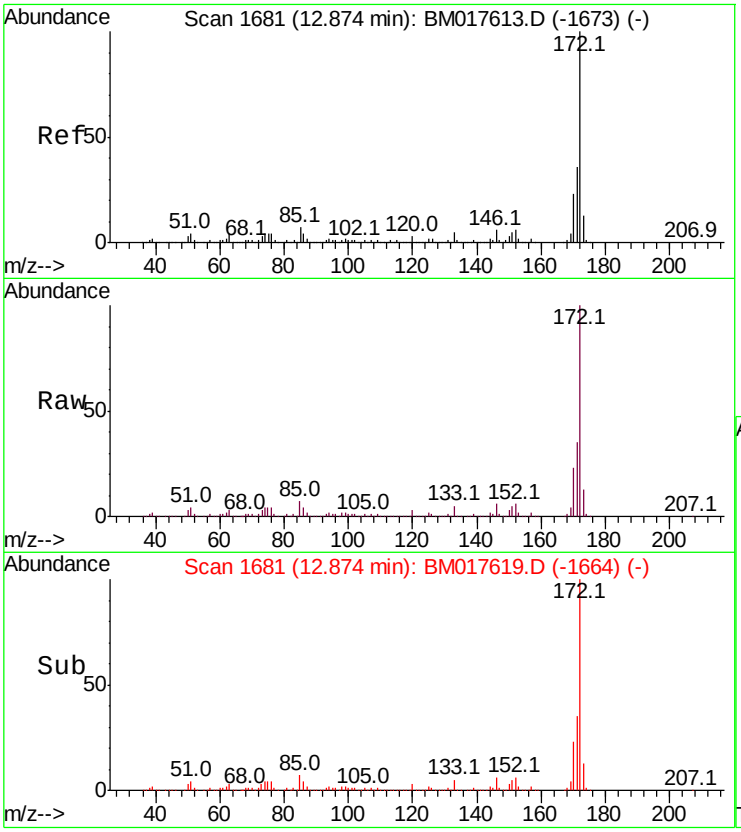


#42
2,4,6-Tribromophenol
Concen: 93.668 ng
RT: 15.76 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion:330 Resp: 803790

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.9	116.9
141	36.4	27.5	41.3



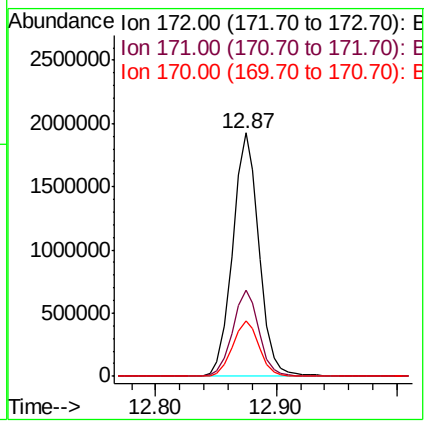


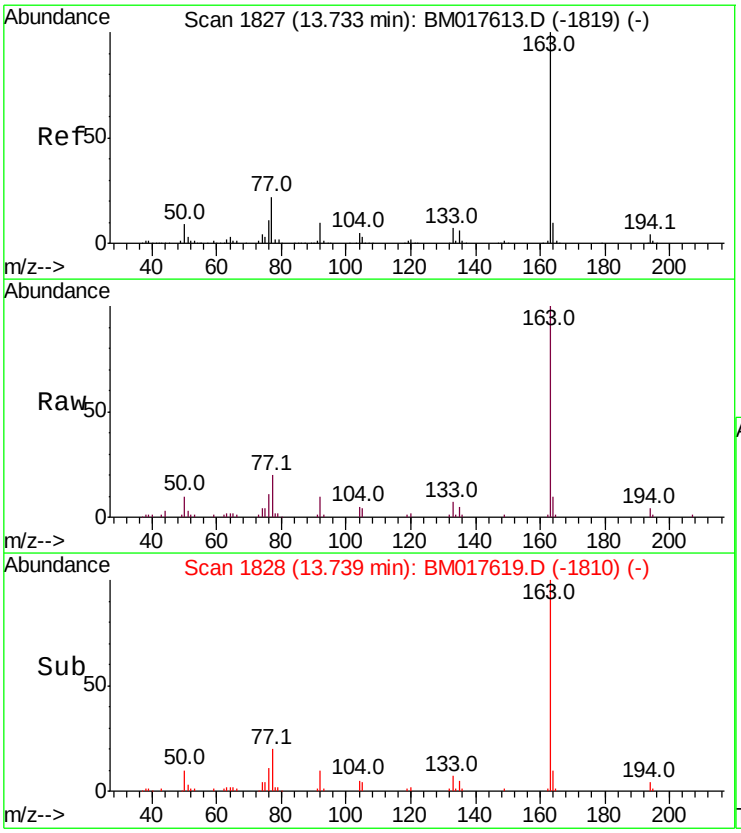
#45
2-Fluorobiphenyl
Concen: 63.449 ng
RT: 12.87 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tgt Ion:172 Resp: 2920844

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	22.8	18.3	27.5

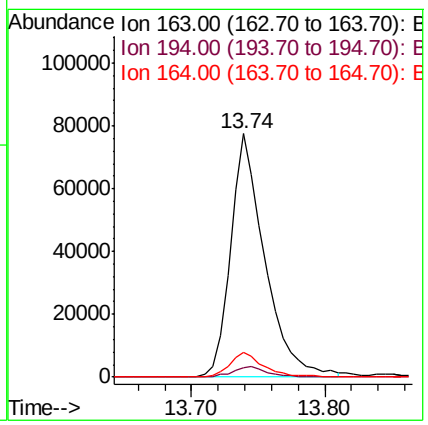


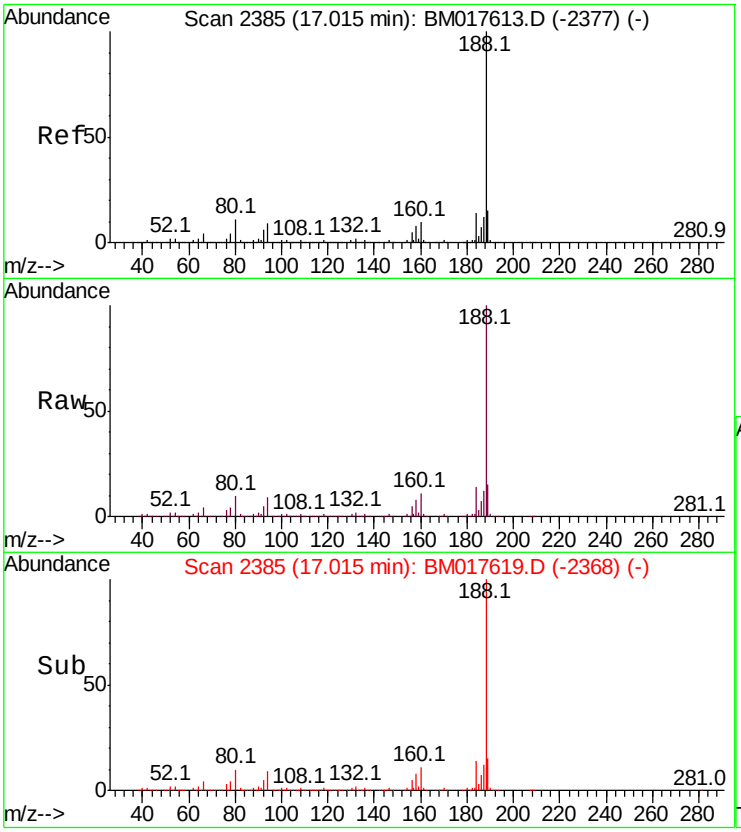


#50
Dimethylphthalate
Concen: 2.841 ng
RT: 13.74 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion:163 Resp: 137939

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.9	8.2	12.4



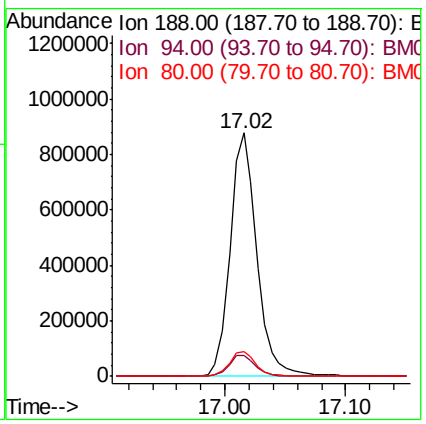


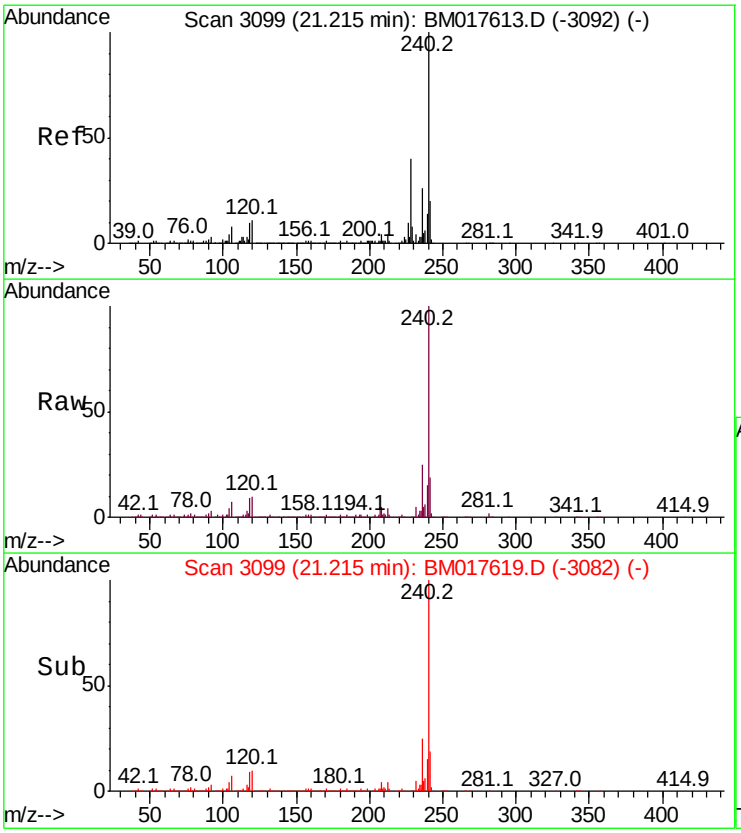
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tgt Ion:188 Resp: 1353796

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.3	8.6	13.0

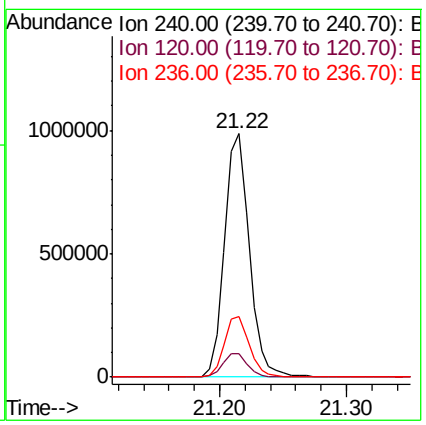


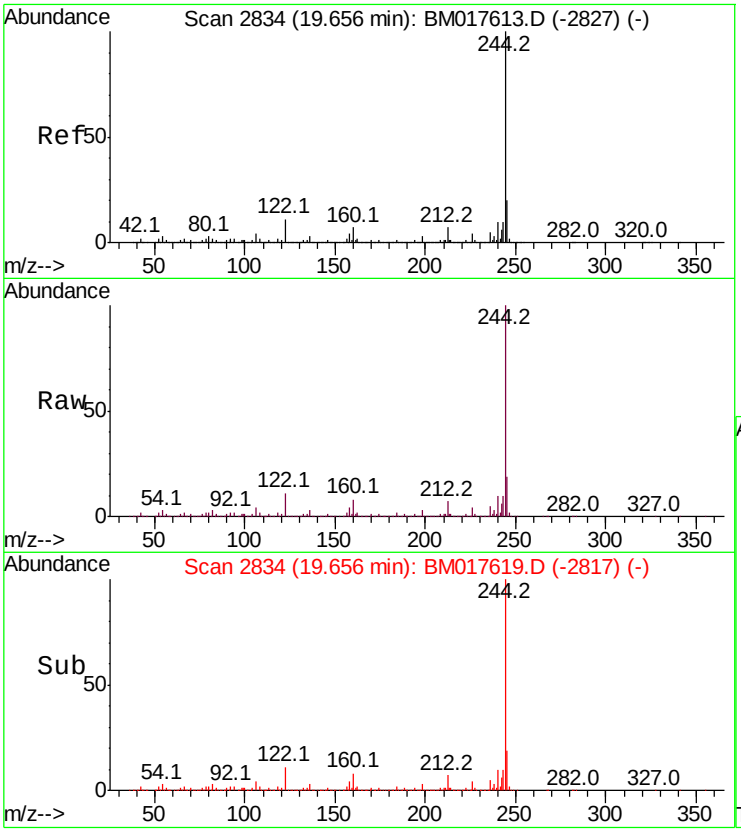


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion:240 Resp: 1339415

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.5	12.7
236	24.8	20.4	30.6



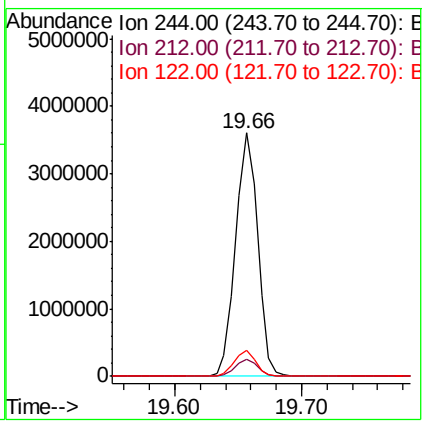


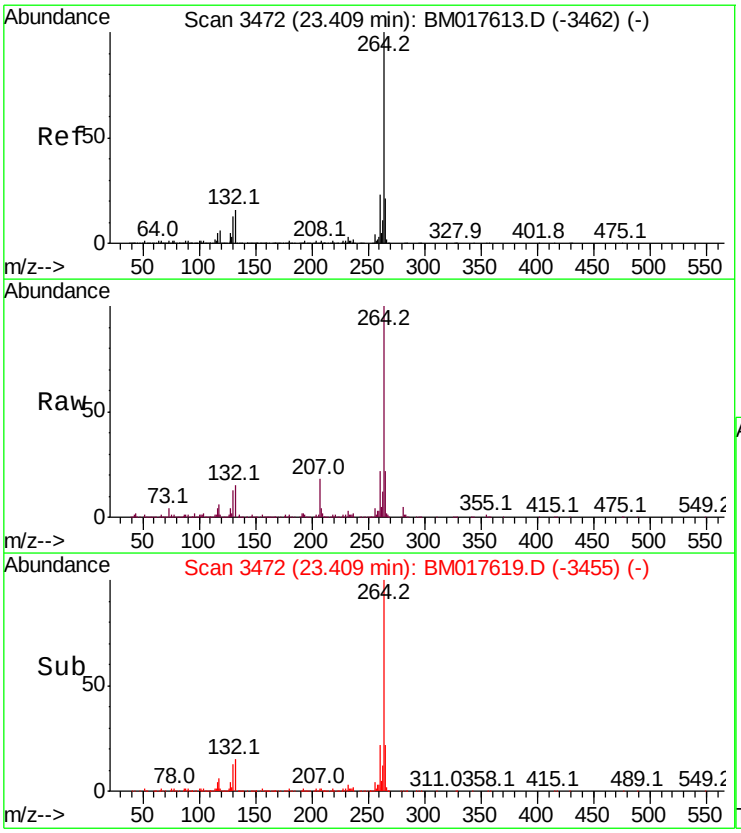
#79
Terphenyl-d14
Concen: 73.337 ng
RT: 19.66 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tgt Ion:244 Resp: 4334103

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.7	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3472
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion:264 Resp: 1176760

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	22.3	17.5	26.3