Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
Data File : BM017903.D
Acq On : 04 Dec 2018 15:32
Operator : JU/SJ
Sample : J6074-01 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 001-WC-NY5

Quant Time: Dec 04 16:16:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 16:11:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	280115	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	1097078	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	548954	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1033301	20.00	ng	0.00
76) Chrysene-d12	21.19	240	931659	20.00	ng	0.00
87) Perylene-d12	23.37	264	1040027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	696897	41.99	ng	0.00
7) Phenol-d6	6.76	99	904192	39.00	ng	0.00
23) Nitrobenzene-d5	8.73	82	530019	24.94	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	266390	33.77	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1075214	25.41	ng	0.00
79) Terphenyl-d14	19.63	244	1049217	25.52	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.70	163	143767	3.221	ng	99
75) Fluoranthene	19.05	202	147719	2.328	ng	97
78) Pyrene	19.42	202	142126	2.472	ng	97

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

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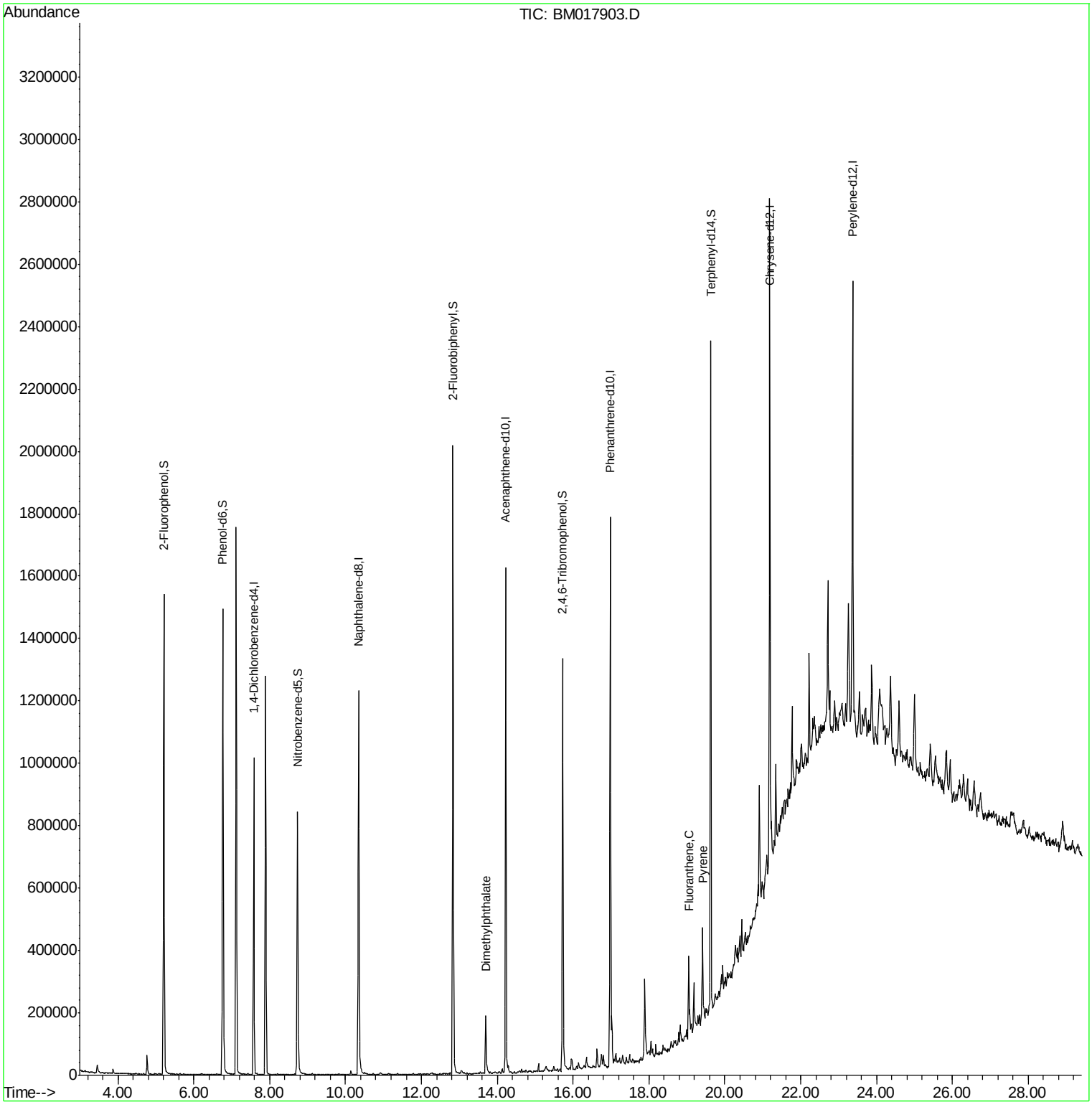
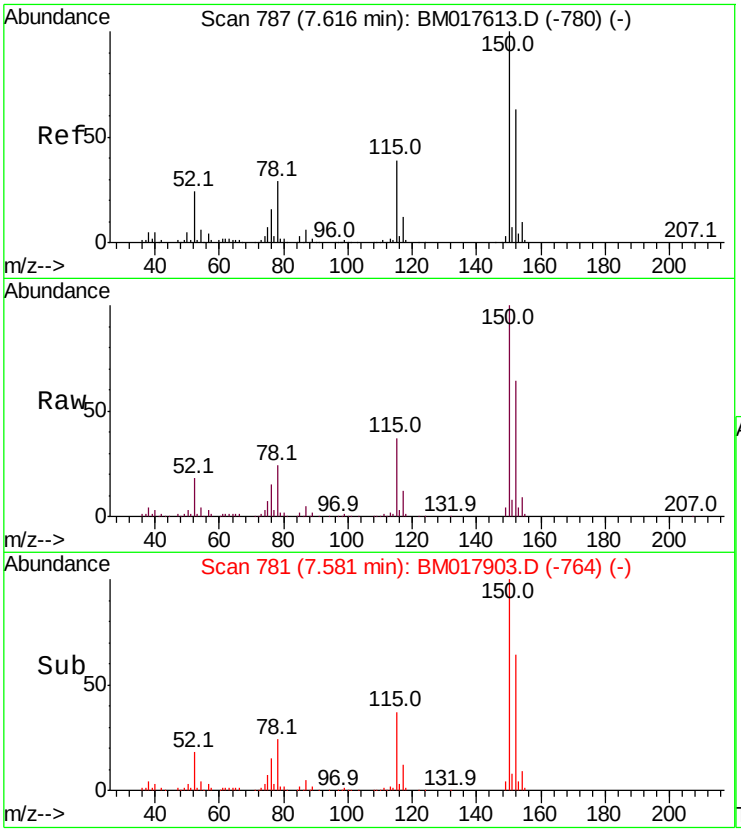


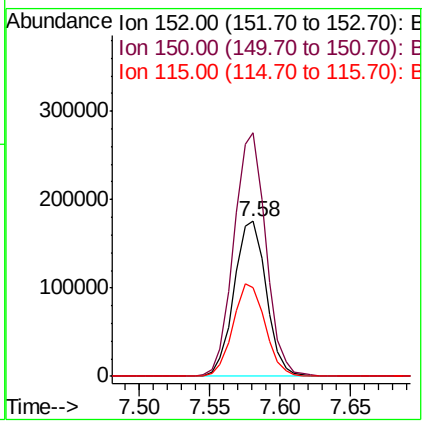


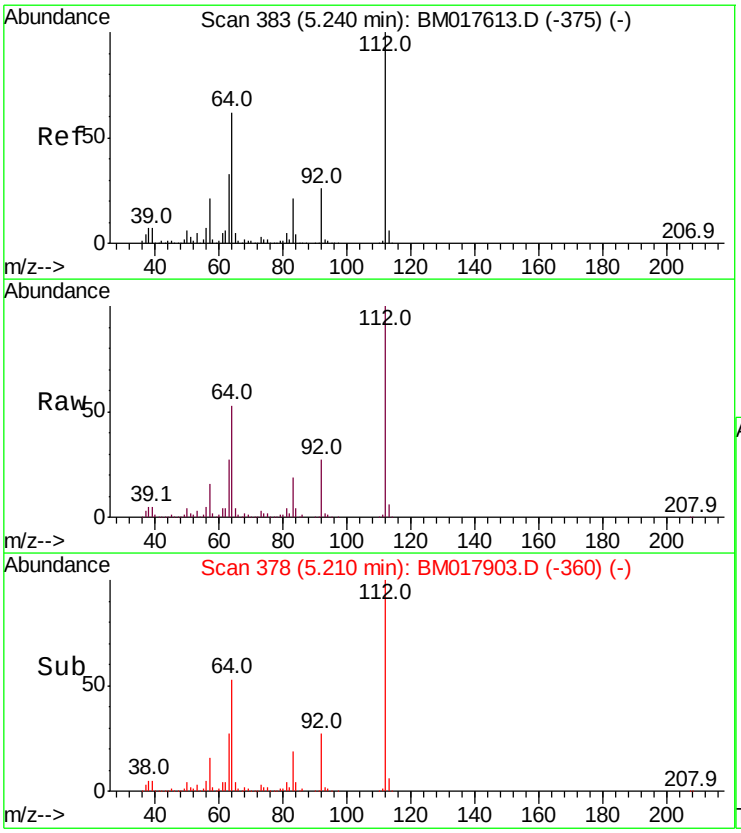
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Instrument :
BNA_M
ClientSampleId :
001-WC-NY5

Tgt Ion:152 Resp: 280115

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.4	189.6
115	57.4	49.4	74.0

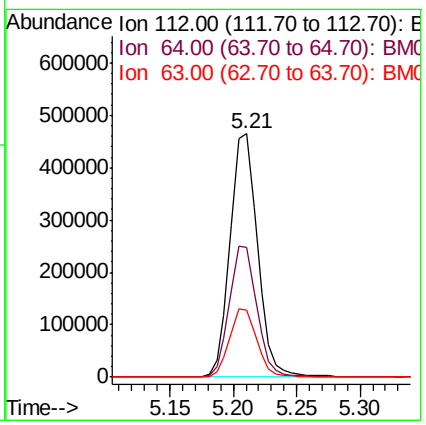


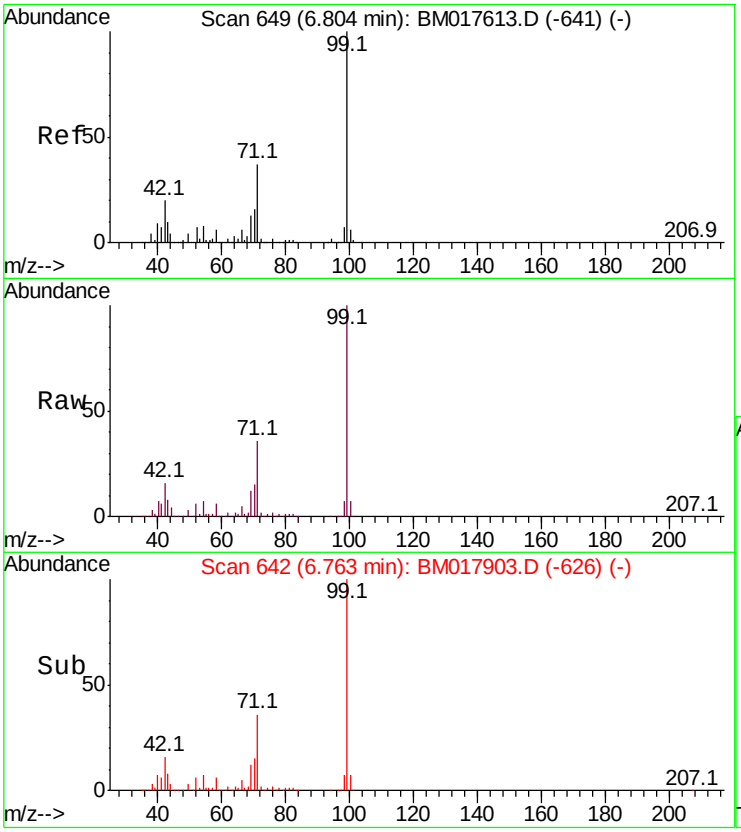


#5
2-Fluorophenol
Concen: 41.987 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Tgt Ion:112 Resp: 696897

Ion	Ratio	Lower	Upper
112	100		
64	53.4	49.3	73.9
63	27.3	26.2	39.4



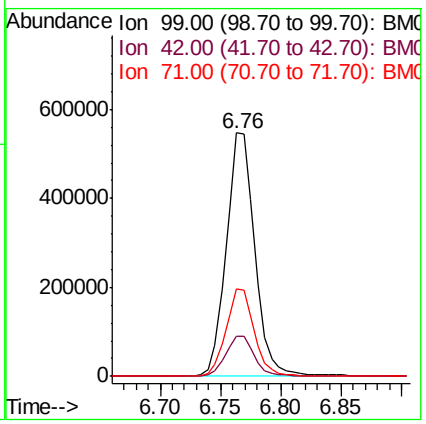


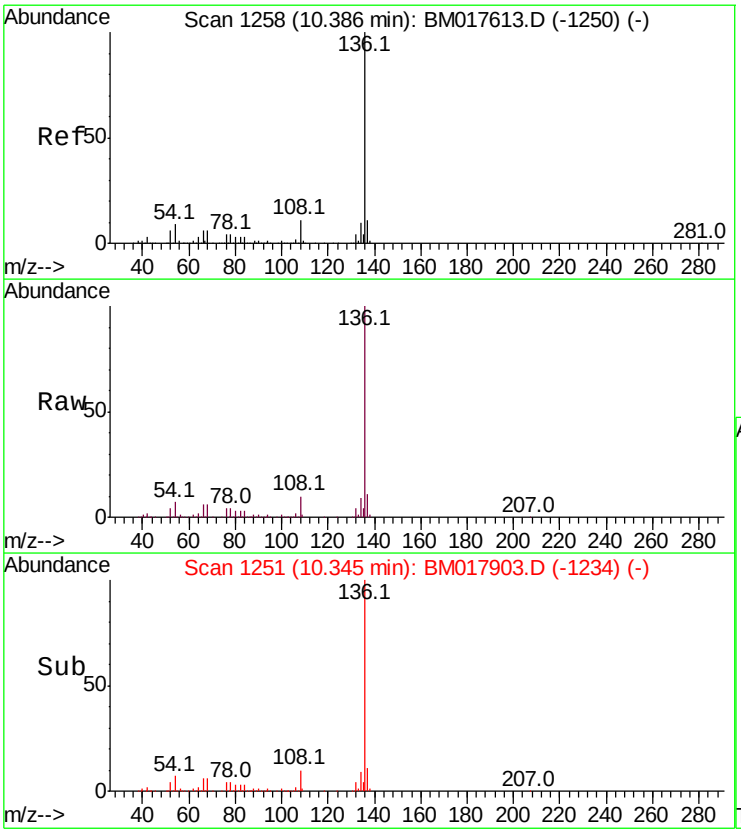
#7
Phenol-d6
Concen: 39.005 ng
RT: 6.76 min Scan# 642
Delta R.T. -0.01 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Instrument :
BNA_M
ClientSampleId :
001-WC-NY5

Tgt Ion: 99 Resp: 904192

Ion	Ratio	Lower	Upper
99	100		
42	16.4	16.3	24.5
71	35.9	29.8	44.8

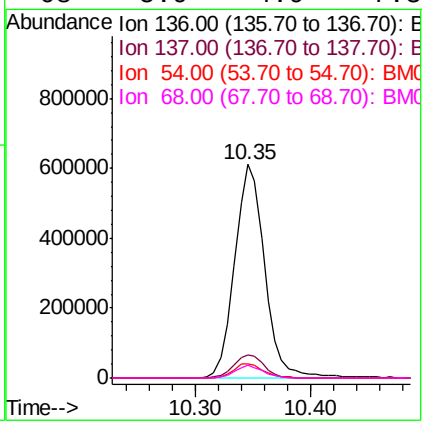


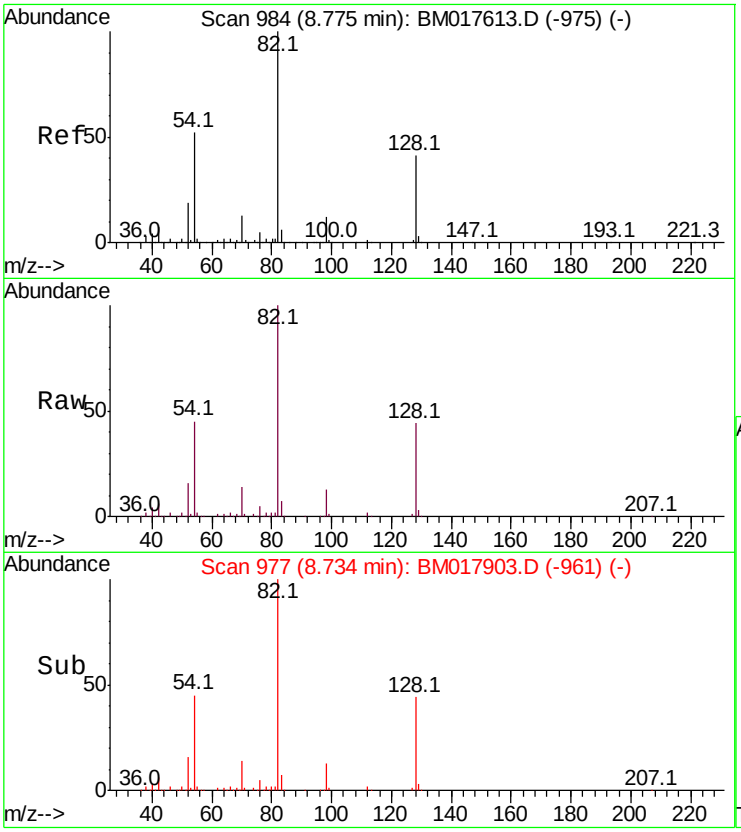


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Tgt Ion:136 Resp: 1097078

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.8	7.0	10.6#
68	5.9	4.9	7.3



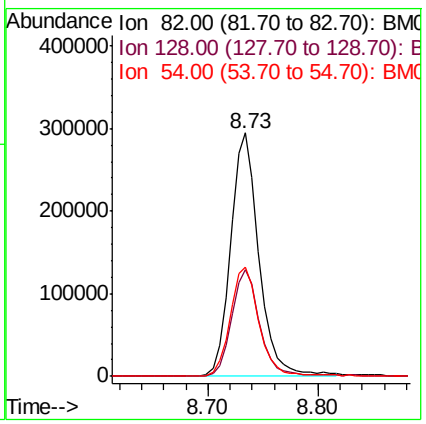


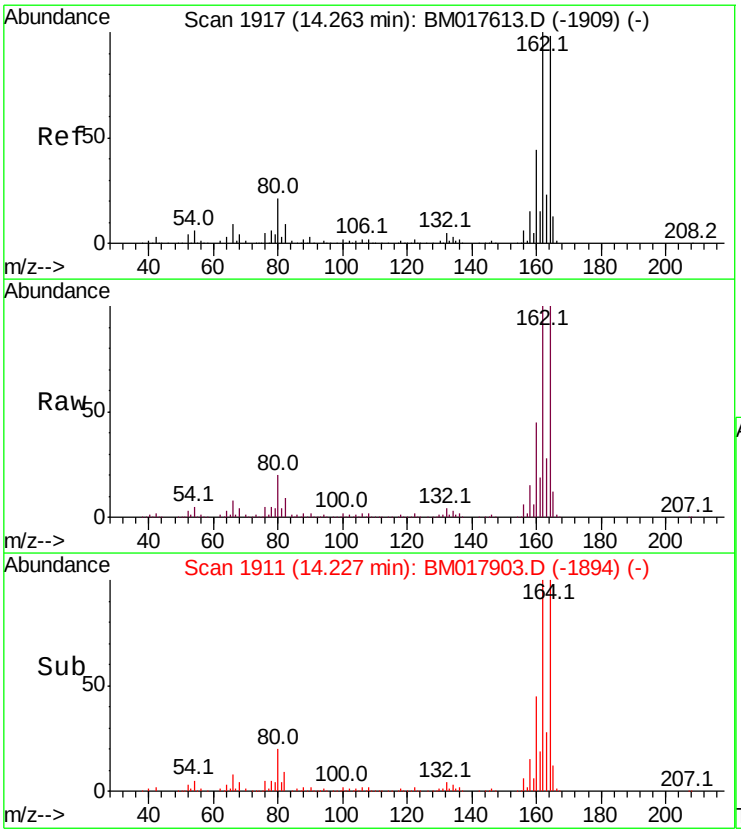
#23
Nitrobenzene-d5
Concen: 24.941 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Instrument :
BNA_M
ClientSampleId :
001-WC-NY5

Tgt Ion: 82 Resp: 530019

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.0	49.4
54	44.7	41.4	62.2

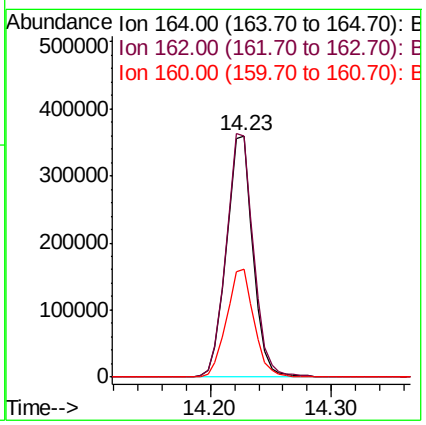


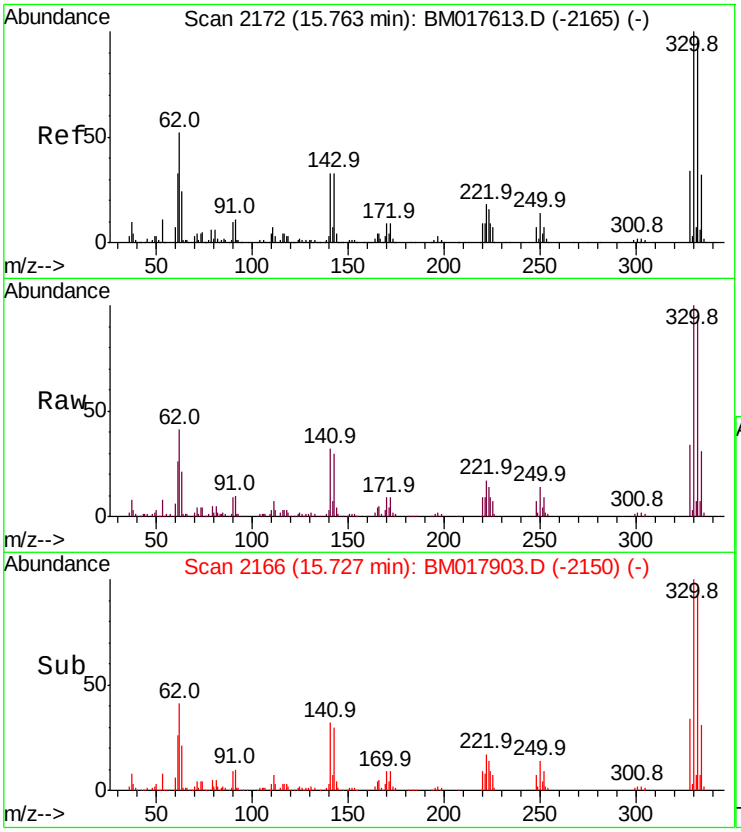


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Tgt Ion:164 Resp: 548954

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.4	122.0
160	45.0	35.6	53.4



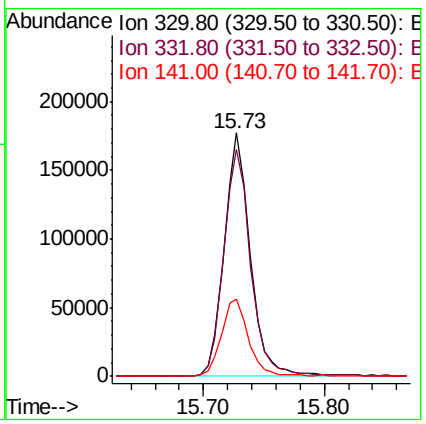


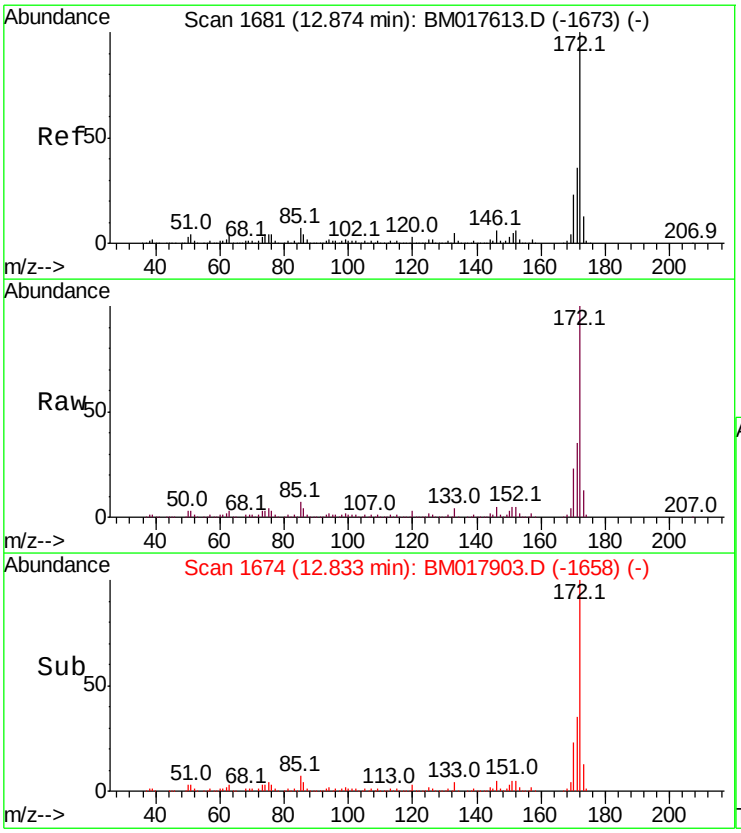
#42
2,4,6-Tribromophenol
Concen: 33.773 ng
RT: 15.73 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Instrument :
BNA_M
ClientSampleId :
001-WC-NY5

Tgt Ion:330 Resp: 266390

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.9	116.9
141	33.3	27.5	41.3

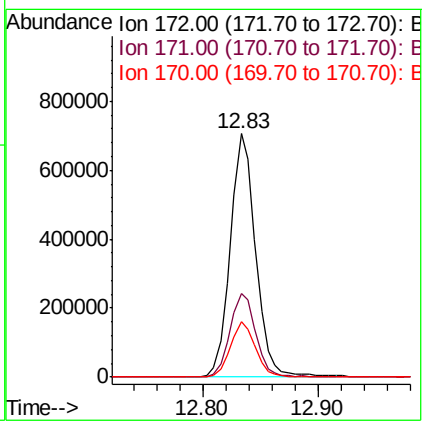


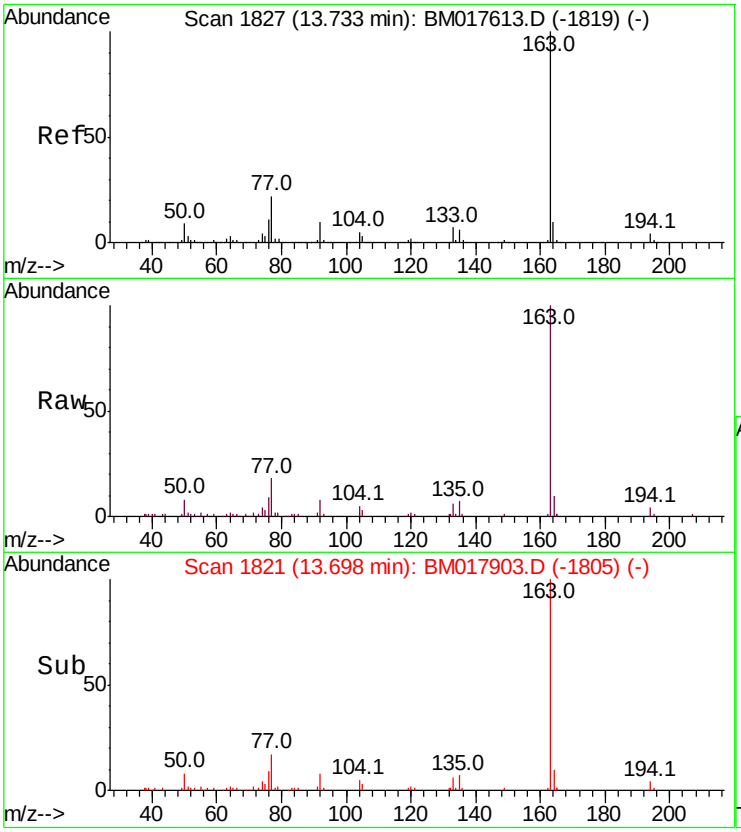


#45
2-Fluorobiphenyl
Concen: 25.410 ng
RT: 12.83 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Tgt Ion:172 Resp: 1075214

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.7	43.1
170	22.6	18.3	27.5



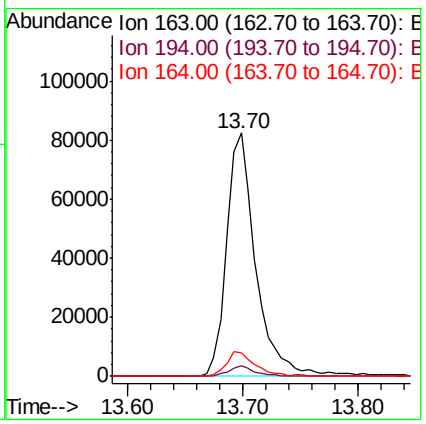


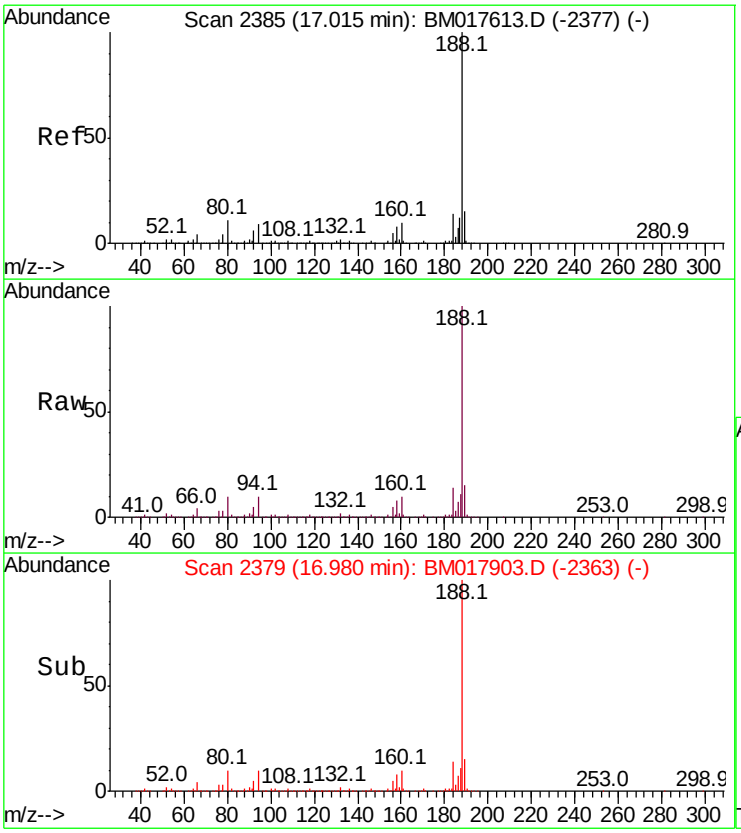
#50
Dimethylphthalate
Concen: 3.221 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Instrument :
BNA_M
ClientSampleId :
001-WC-NY5

Tgt Ion:163 Resp: 143767

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	9.8	8.2	12.4

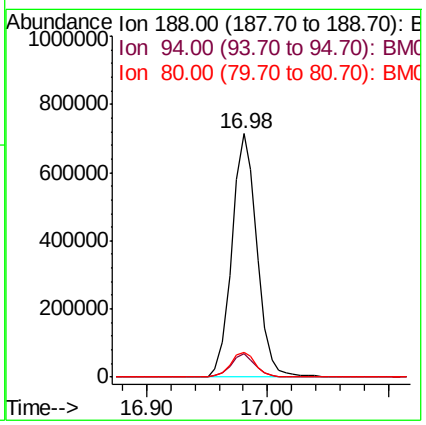


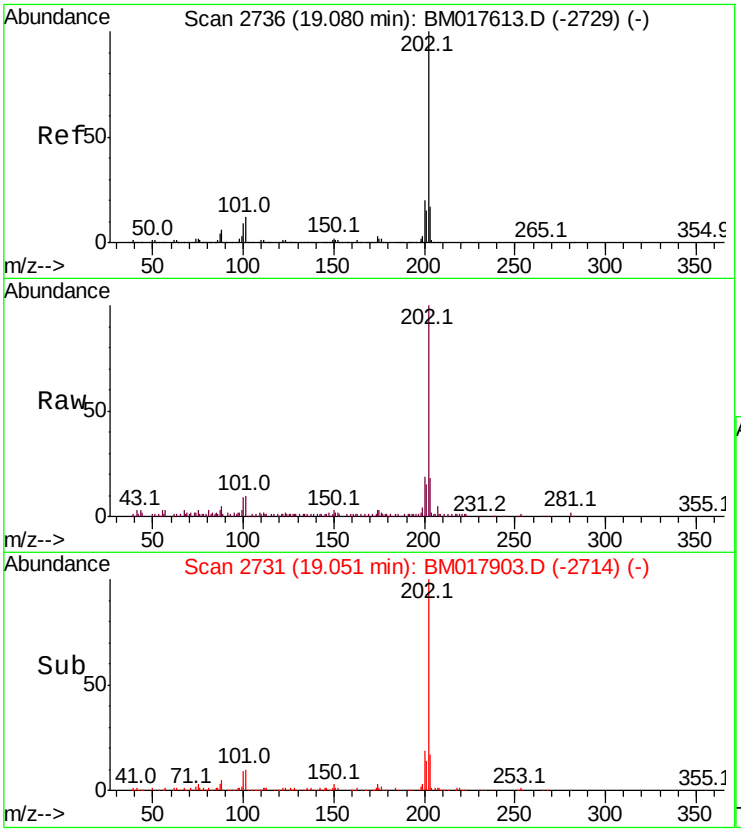


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Tgt Ion:188 Resp: 1033301

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	10.3	8.6	13.0



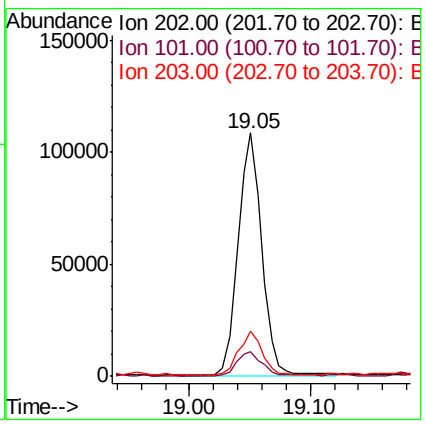


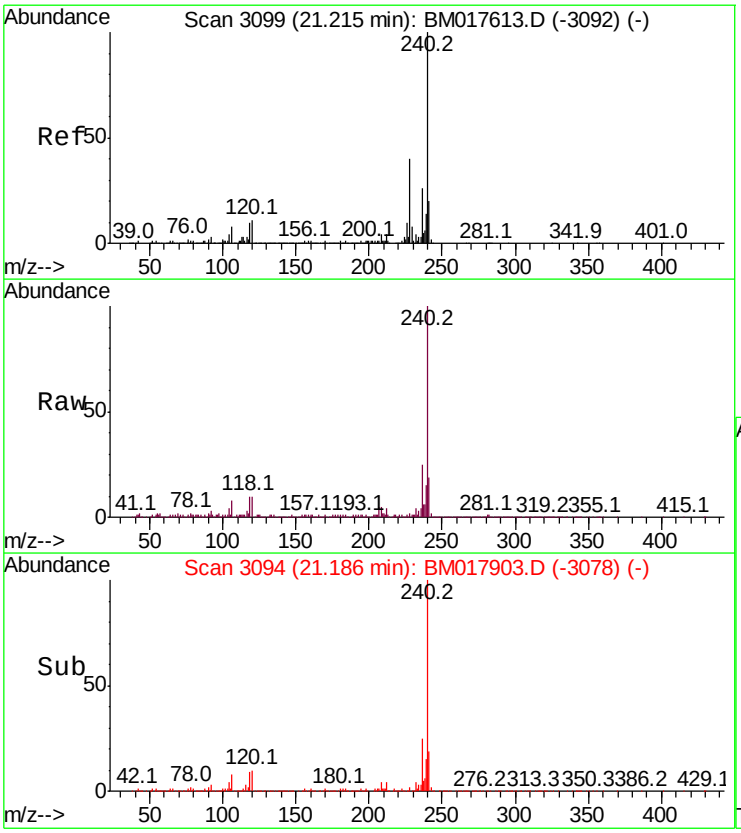
#75
Fluoranthene
Concen: 2.328 ng
RT: 19.05 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Instrument :
BNA_M
ClientSampleId :
001-WC-NY5

Tgt Ion:202 Resp: 147719

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.5
203	18.4	0.0	37.2

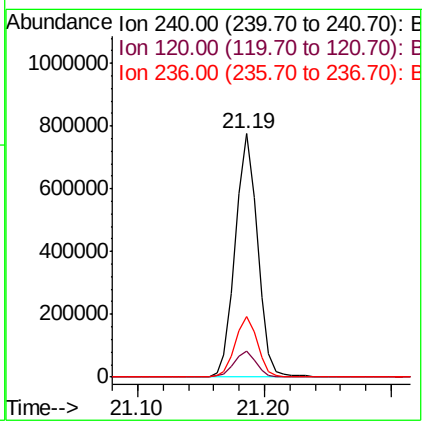


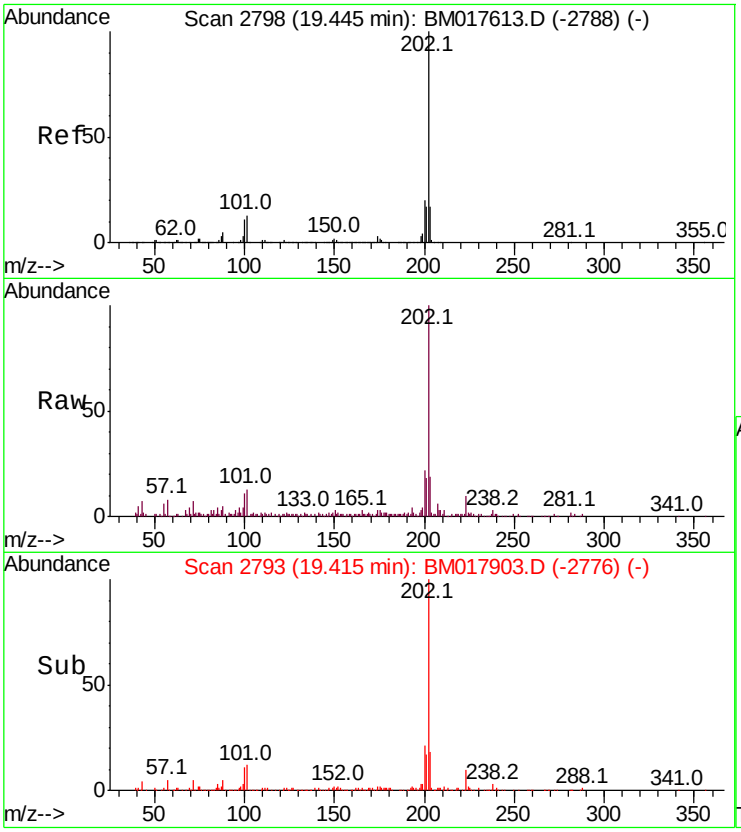


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Tgt Ion:240 Resp: 931659

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.5	12.7
236	25.1	20.4	30.6



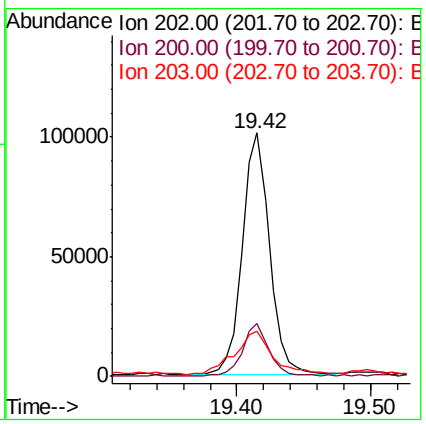


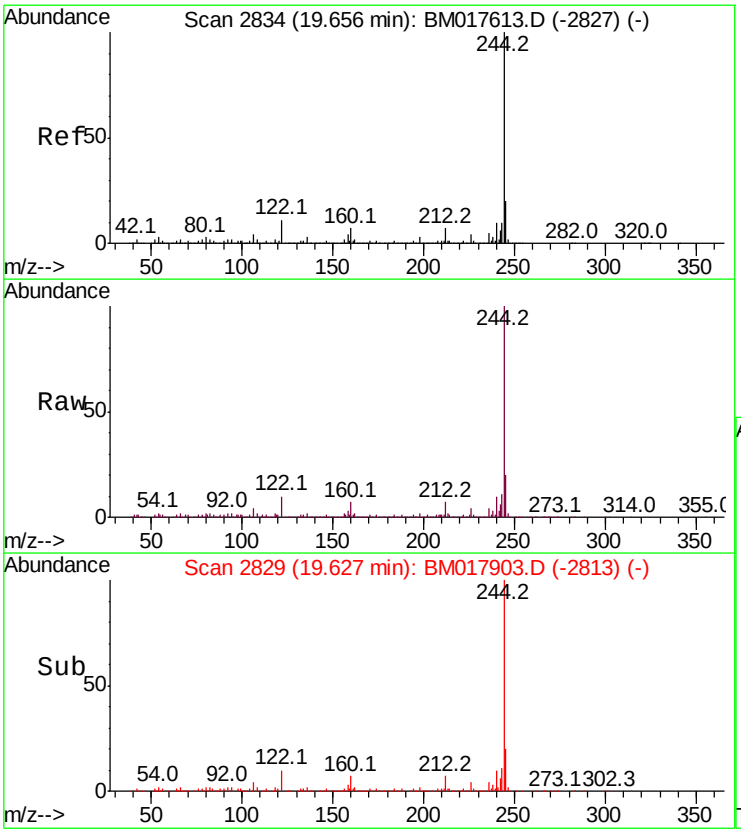
#78
Pyrene
Concen: 2.472 ng
RT: 19.42 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Instrument :
BNA_M
ClientSampleId :
001-WC-NY5

Tgt Ion:202 Resp: 142126

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.4	24.6
203	18.8	13.8	20.8

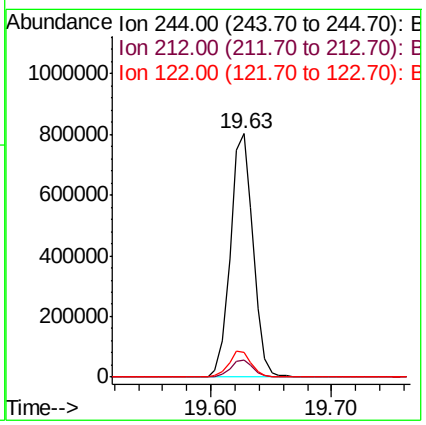


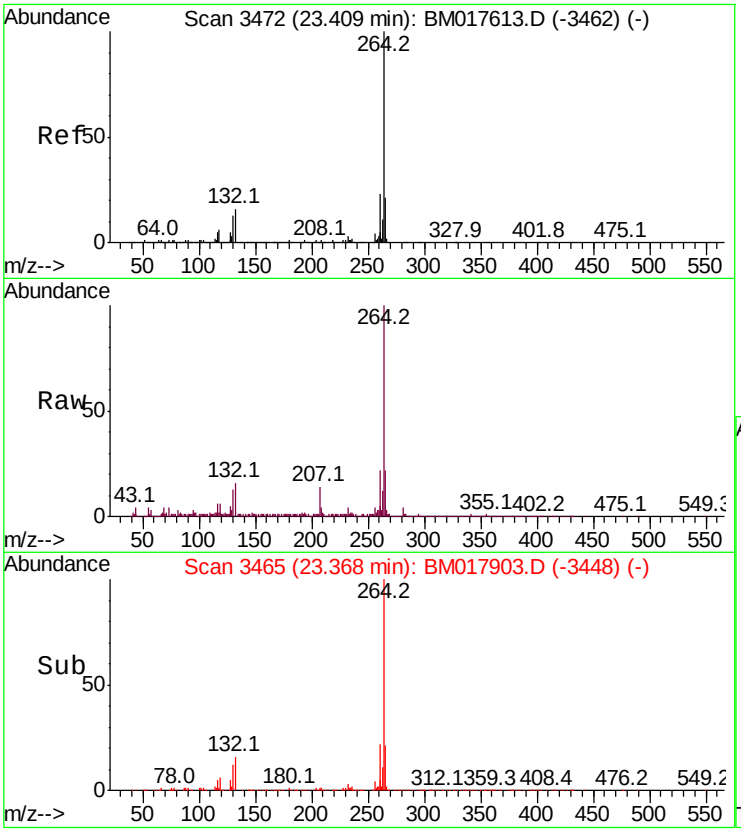


#79
Terphenyl-d14
Concen: 25.524 ng
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Tgt Ion:244 Resp: 1049217

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.0	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BM017903.D
Acq: 04 Dec 2018 15:32

Instrument :
BNA_M
ClientSampleId :
001-WC-NY5

Tgt Ion:264 Resp: 1040027

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.2
265	22.4	17.5	26.3