Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
Data File : BM018810.D
Acq On : 13 Feb 2019 20:11
Operator : JU/SJ
Sample : K1460-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Time: Feb 14 01:15:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	259837	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1055763	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	608543	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1396874	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1613511	20.00	ng	0.00
87) Perylene-d12	23.56	264	1605221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2302349	145.18	ng	0.00
7) Phenol-d6	6.89	99	2892065	129.45	ng	0.00
23) Nitrobenzene-d5	8.88	82	2310194	101.18	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1069514	121.92	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4549850	99.25	ng	0.00
79) Terphenyl-d14	19.74	244	8070394	103.18	ng	0.00
Target Compounds						Qvalue

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

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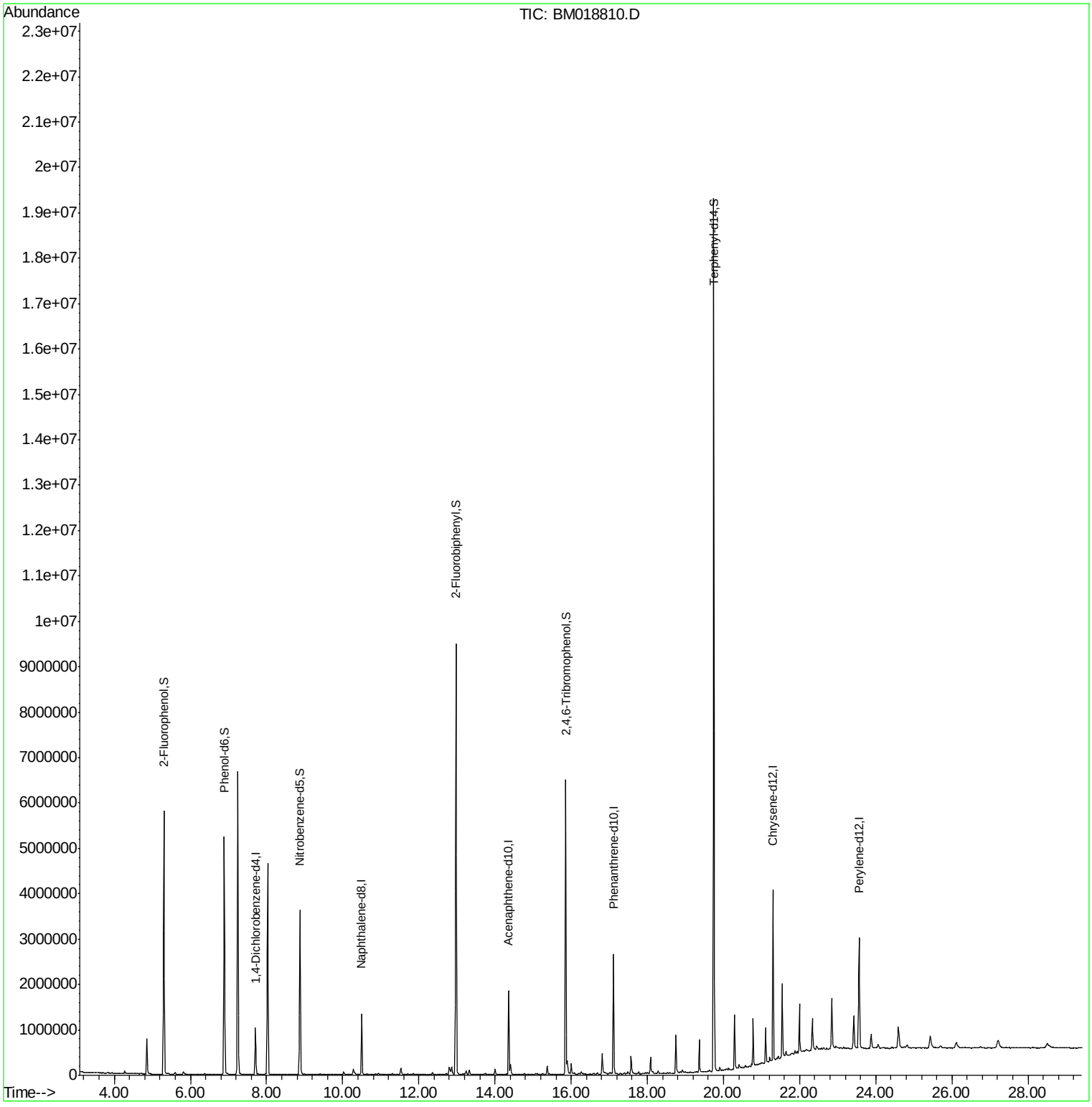
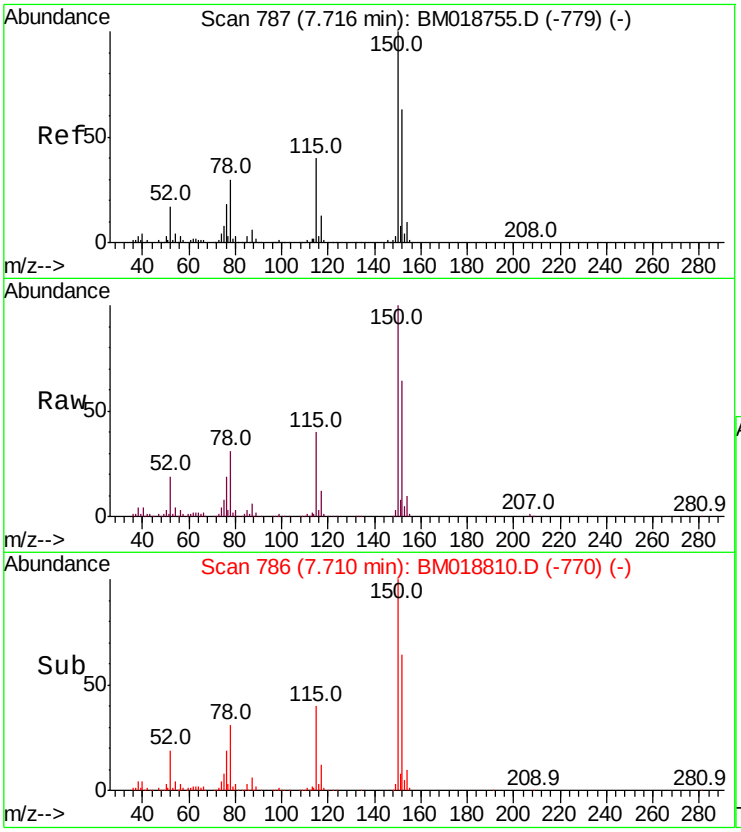


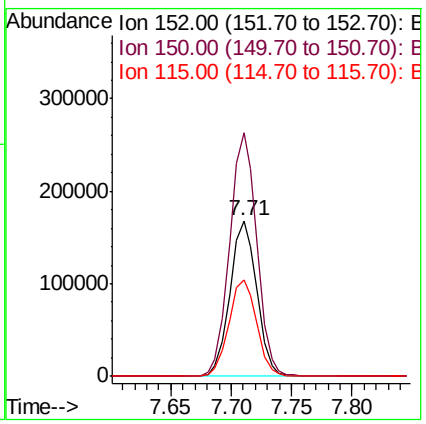


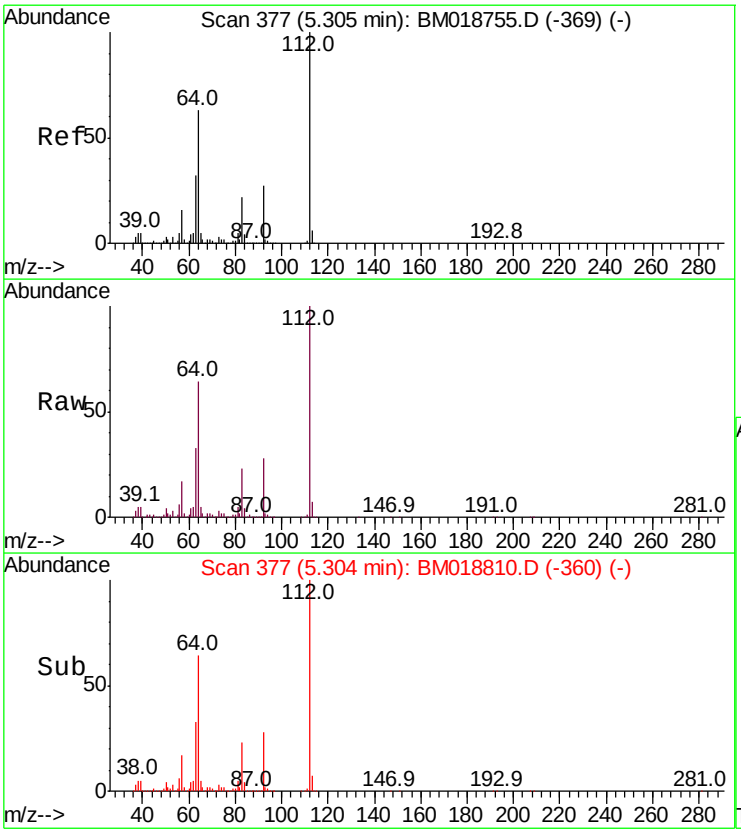
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Instrument :
BNA_M
ClientSampleId :
WC-20190208

Tgt Ion:152 Resp: 259837

Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.3	190.9
115	62.4	50.8	76.2

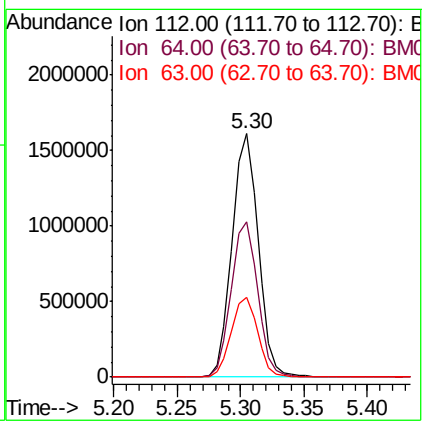


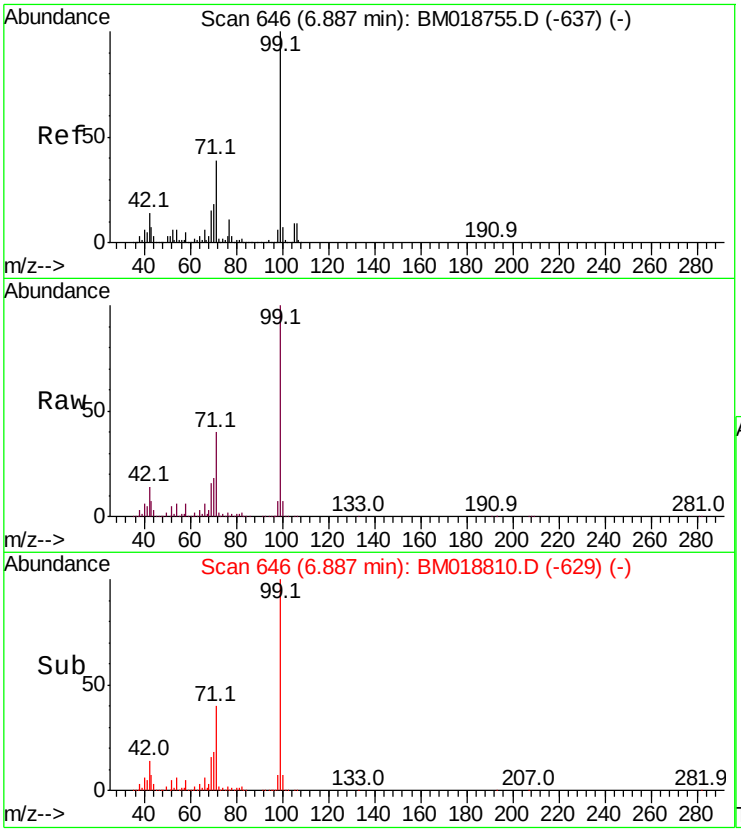


#5
2-Fluorophenol
Concen: 145.181 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:112 Resp: 2302349

Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.6	75.8
63	32.8	25.7	38.5



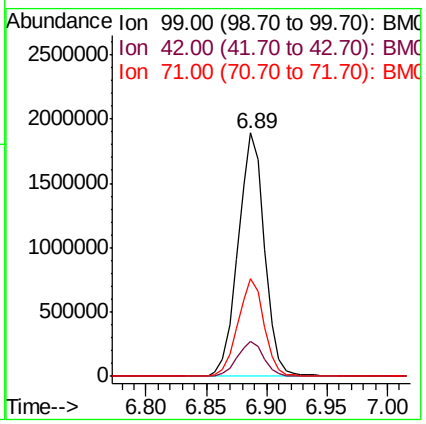


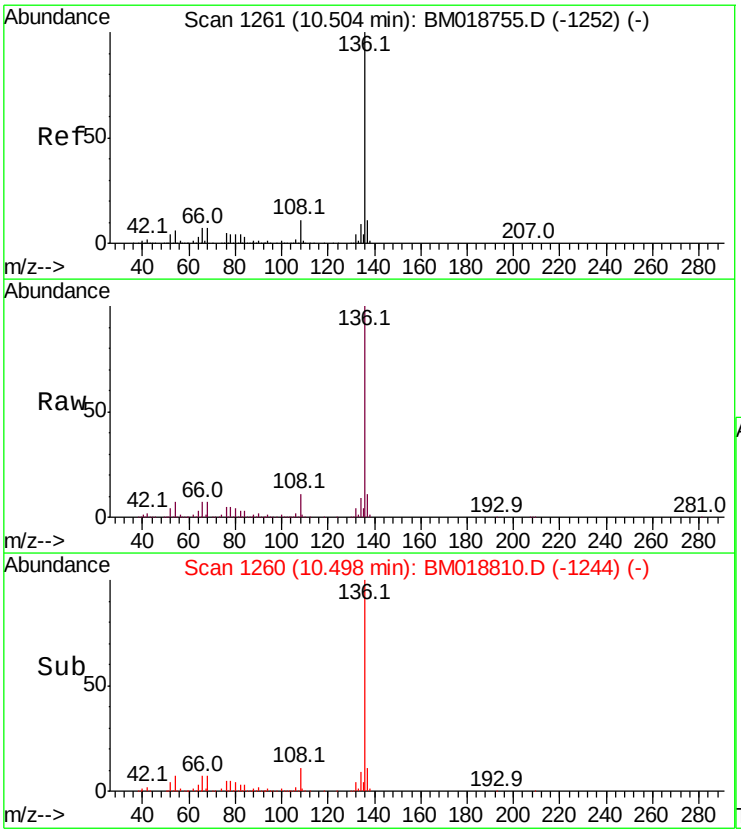
#7
Phenol-d6
Concen: 129.453 ng
RT: 6.89 min Scan# 646
Delta R.T. -0.00 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Instrument :
BNA_M
ClientSampleId :
WC-20190208

Tgt Ion: 99 Resp: 2892065

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.0	16.6
71	39.9	31.3	46.9

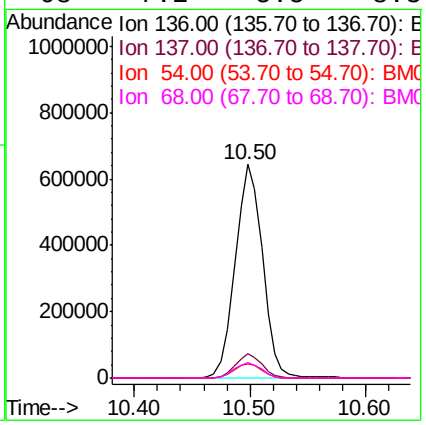


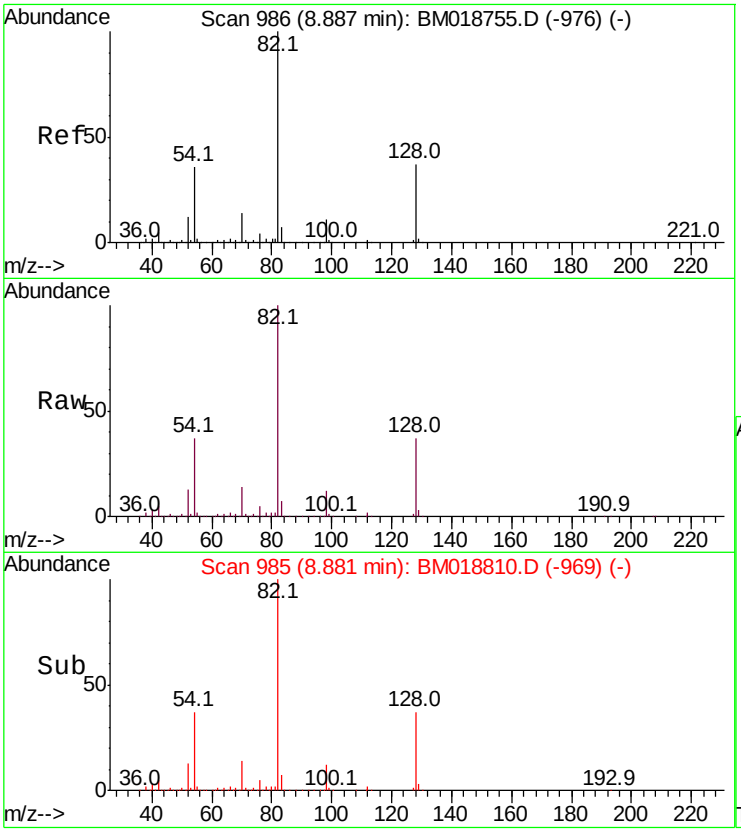


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:136 Resp: 1055763

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.0	7.6
68	7.2	5.5	8.3



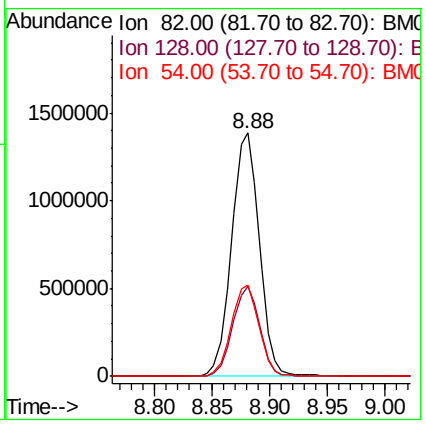


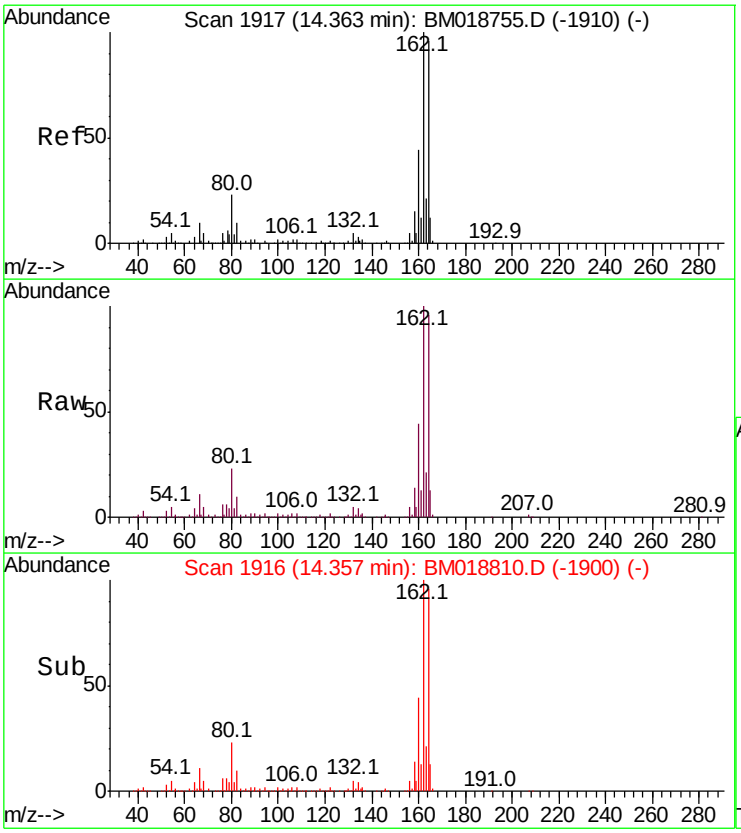
#23
Nitrobenzene-d5
Concen: 101.178 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Instrument :
BNA_M
ClientSampleId :
WC-20190208

Tgt Ion: 82 Resp: 2310194

Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.9	44.9
54	37.3	29.1	43.7

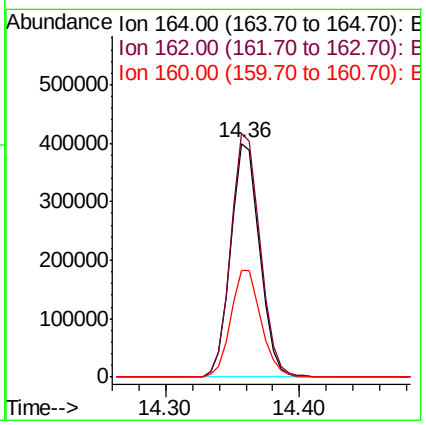


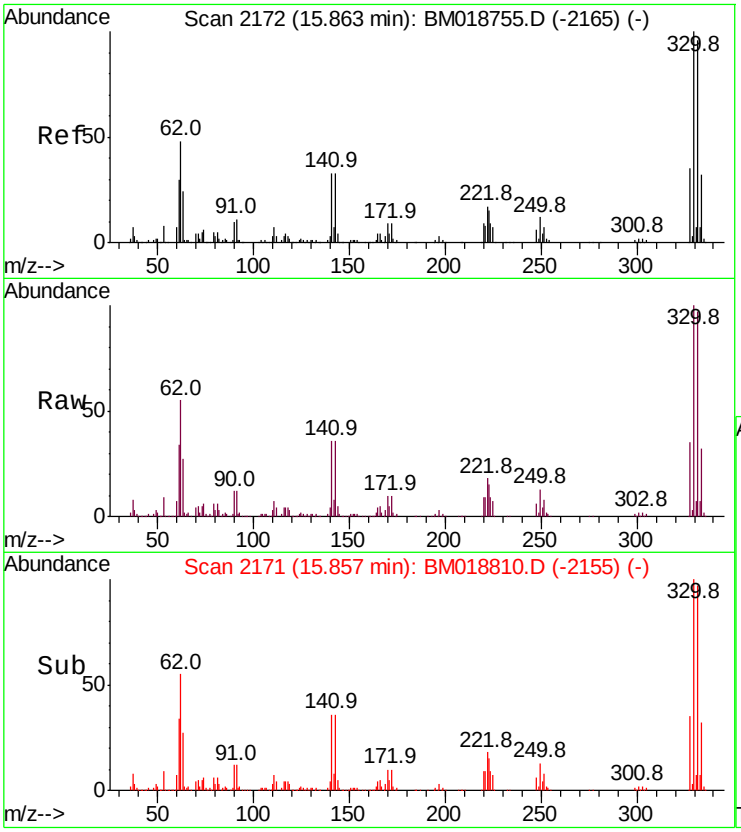


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:164 Resp: 608543

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.4	125.0
160	45.8	36.6	55.0



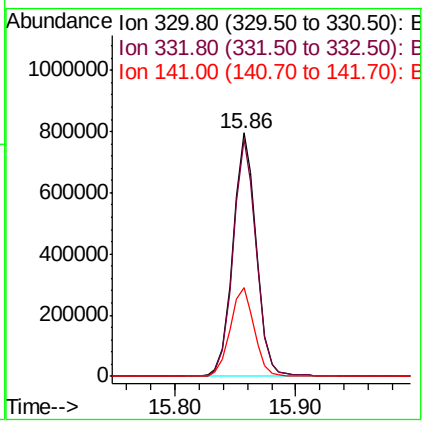


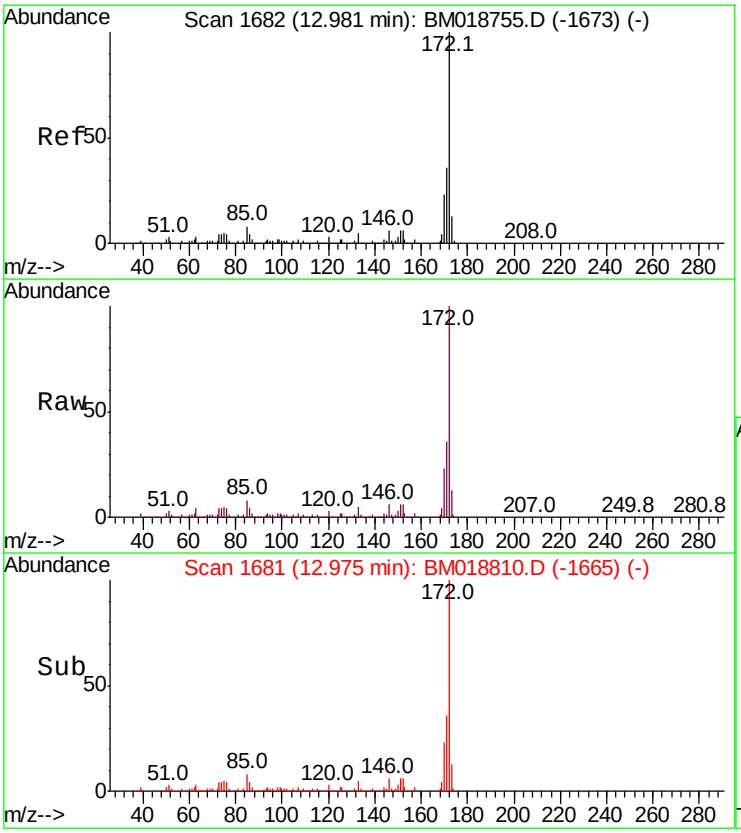
#42
2,4,6-Tribromophenol
Concen: 121.924 ng
RT: 15.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Instrument :
BNA_M
ClientSampleId :
WC-20190208

Tgt Ion:330 Resp: 1069514

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	37.6	28.7	43.1

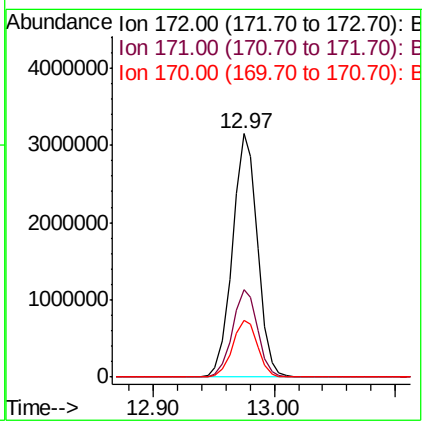


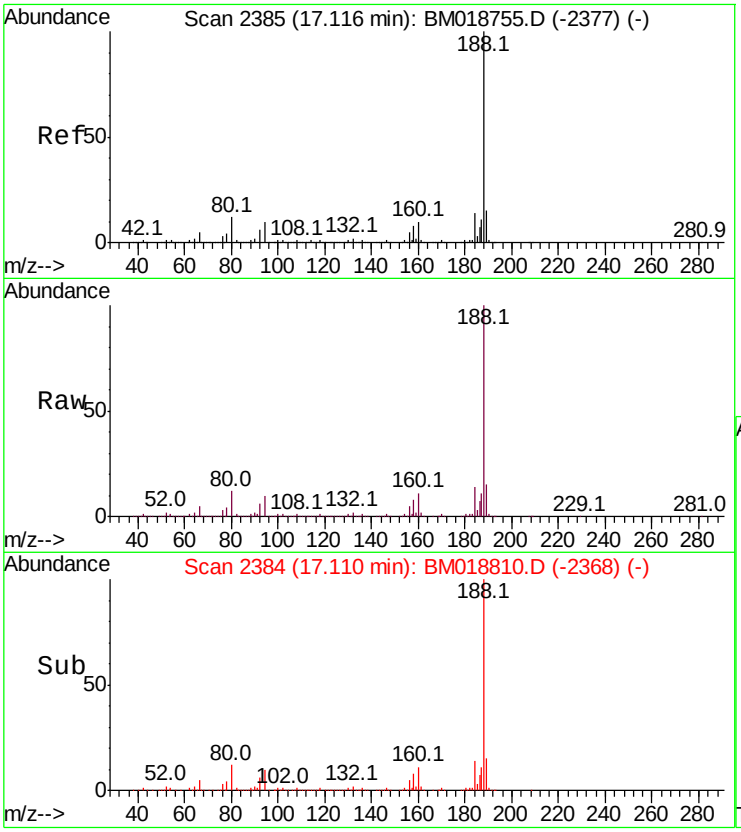


#45
2-Fluorobiphenyl
Concen: 99.250 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:172 Resp: 4549850

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.3	18.6	28.0



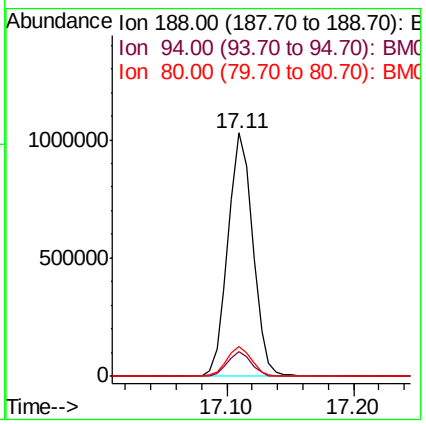


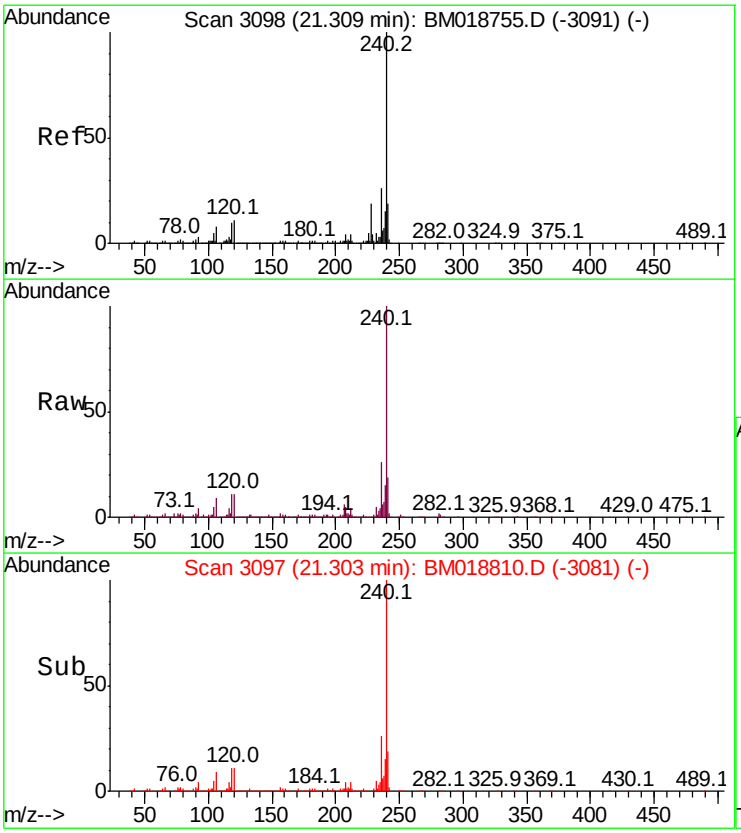
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Instrument :
BNA_M
ClientSampleId :
WC-20190208

Tgt Ion:188 Resp: 1396874

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	12.2	9.7	14.5

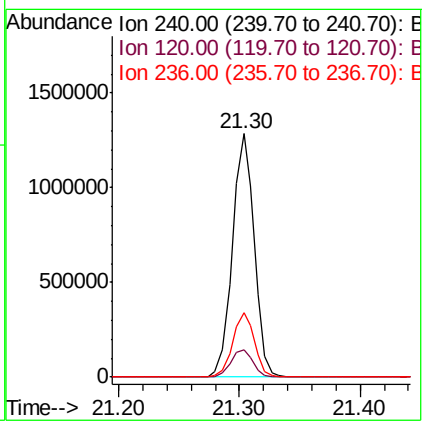


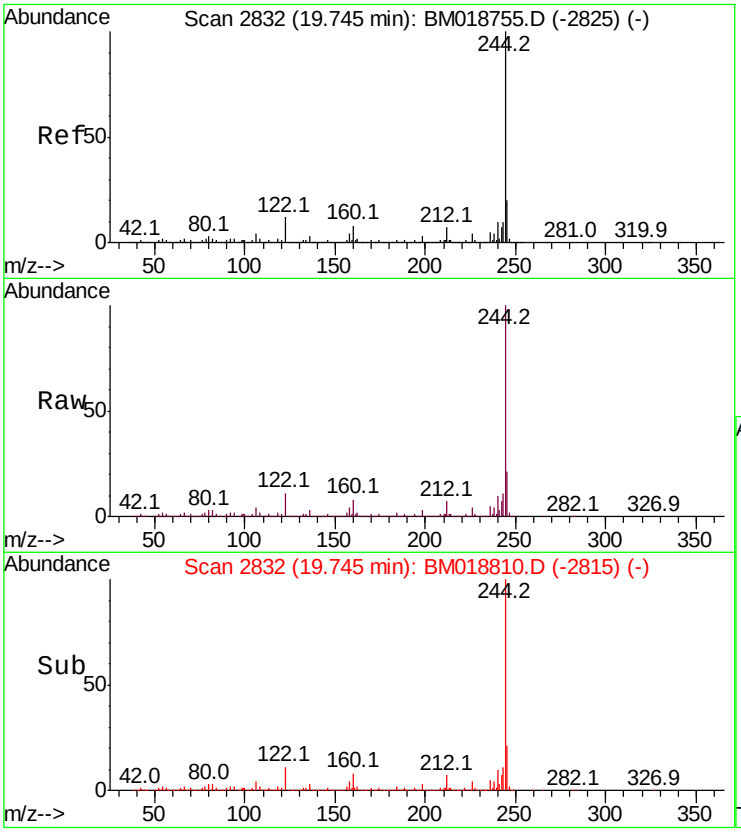


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:240 Resp: 1613511

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.2	20.9	31.3



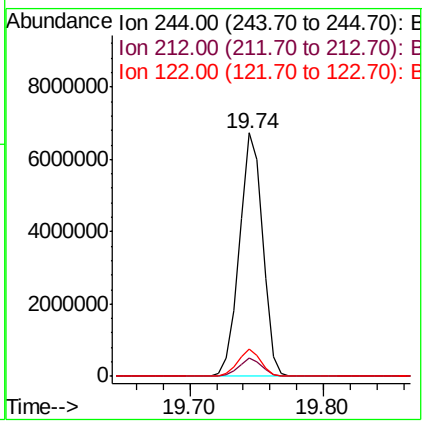


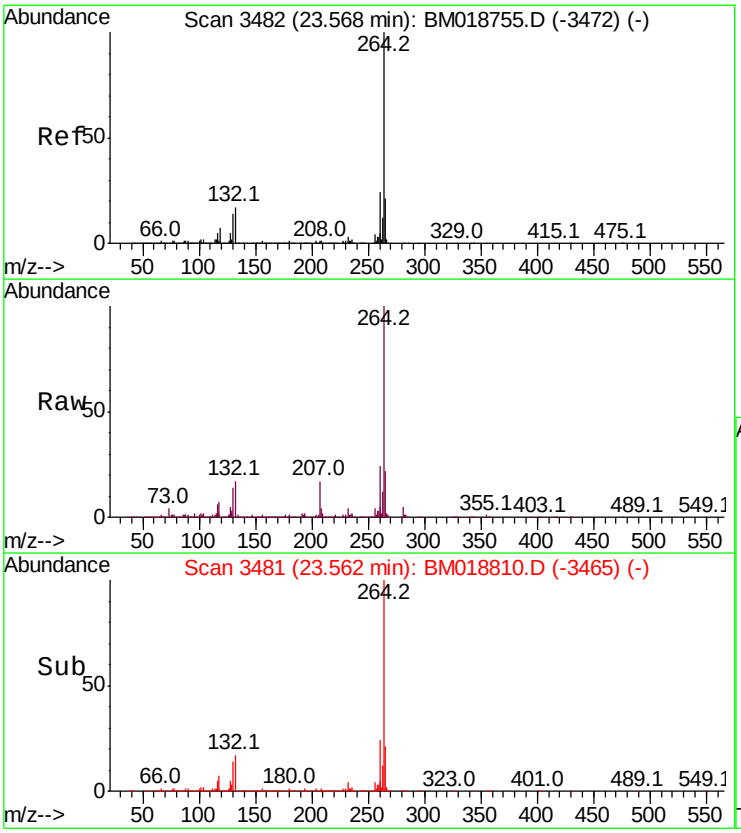
#79
Terphenyl-d14
Concen: 103.181 ng
RT: 19.74 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Instrument :
BNA_M
ClientSampleId :
WC-20190208

Tgt Ion:244 Resp: 8070394

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.5	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:264 Resp: 1605221

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.9	17.3	25.9