Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
Data File : BM016302.D
Acq On : 10 Aug 2018 18:48
Operator : SJ/JU
Sample : J4271-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HR-05-080818-A

Quant Time: Aug 11 04:45:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	33566	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	115539	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	52262	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	104348	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	115870	20.00	ng	-0.01
86) Perylene-d12	23.96	264	134745	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	276605	136.89	ng	0.00
7) Phenol-d6	7.30	99	283503	107.43	ng	0.00
23) Nitrobenzene-d5	9.32	82	263954	106.26	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	90351	136.31	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	465632	108.41	ng	-0.01
78) Terphenyl-d14	20.08	244	664236	120.00	ng	0.00
Target Compounds						Qvalue

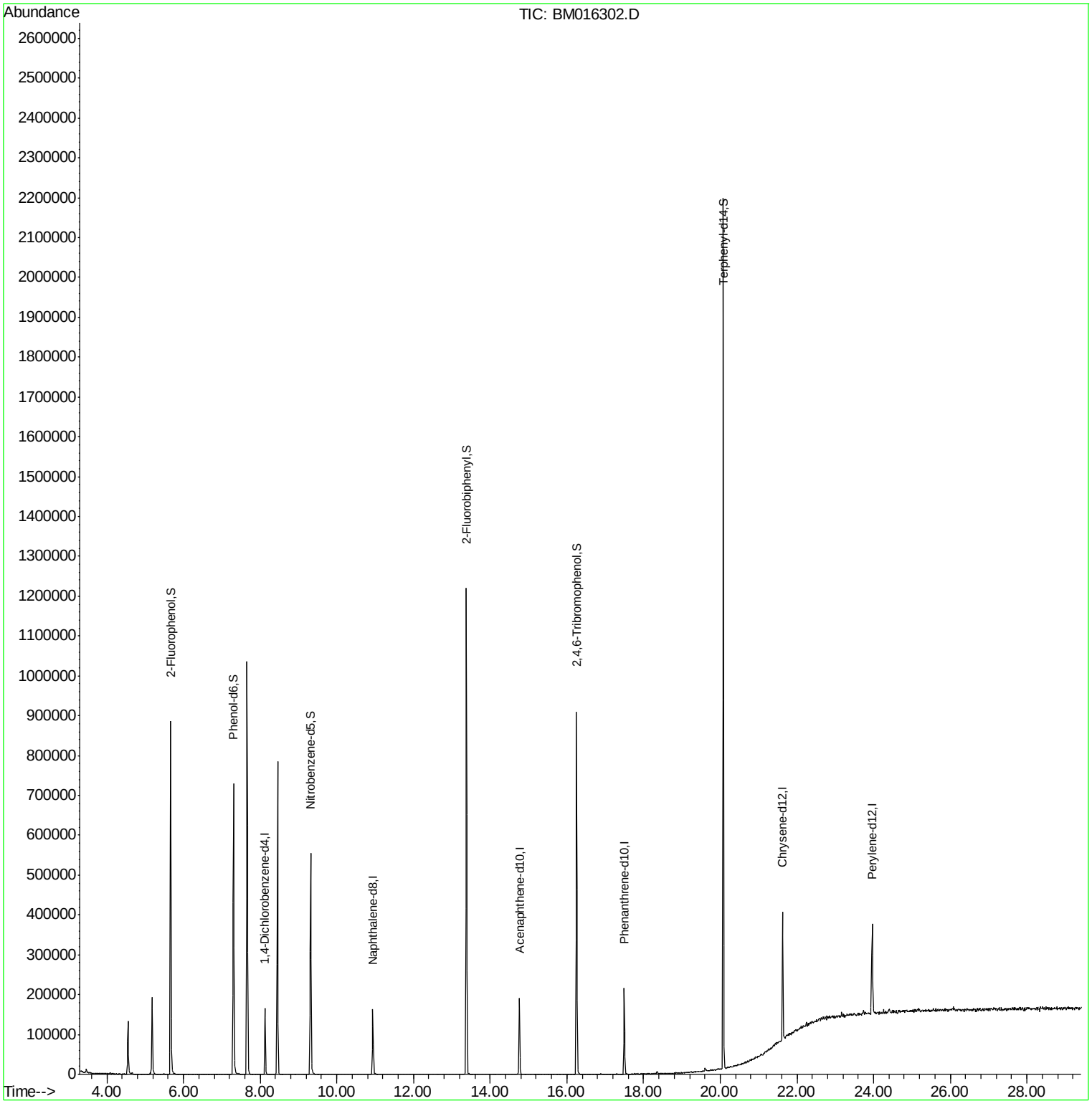
(#) = qualifier out of range (m) = manual integration (+) = signals summed

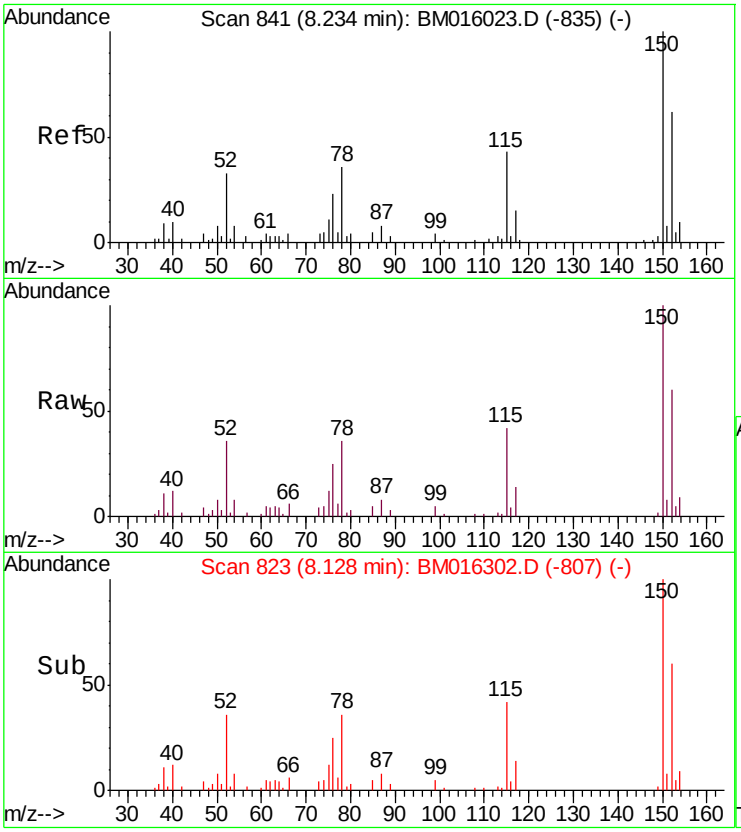
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
Data File : BM016302.D
Acq On : 10 Aug 2018 18:48
Operator : SJ/JU
Sample : J4271-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-05-080818-A

Quant Time: Aug 11 04:45:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration



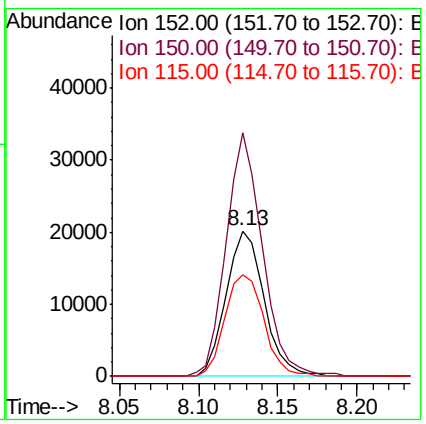


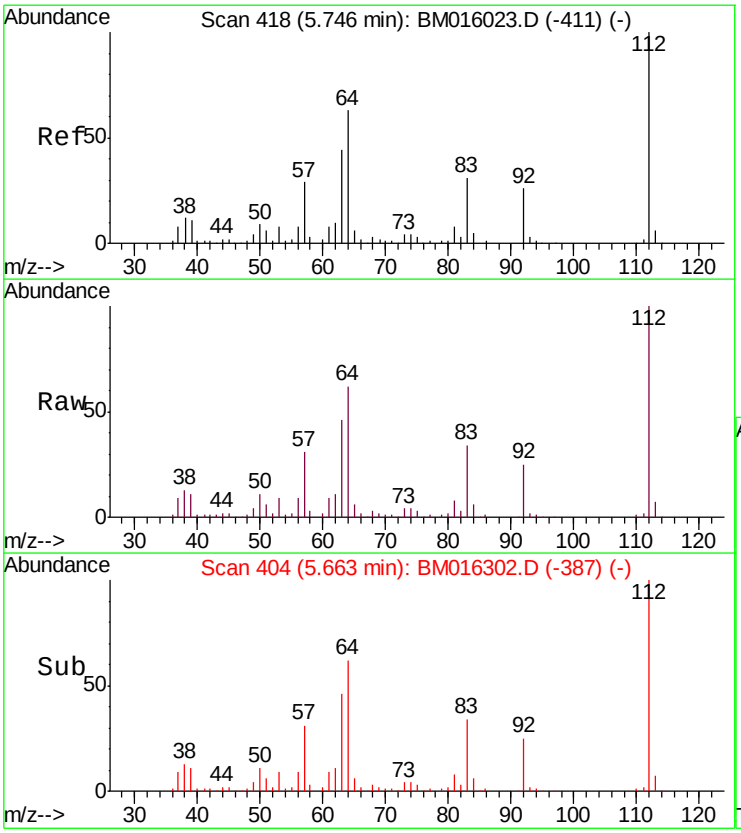
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Instrument :
BNA_M
ClientSampleId :
HR-05-080818-A

Tgt Ion:152 Resp: 33566

Ion	Ratio	Lower	Upper
152	100		
150	167.4	119.5	179.3
115	69.9	43.0	64.4#

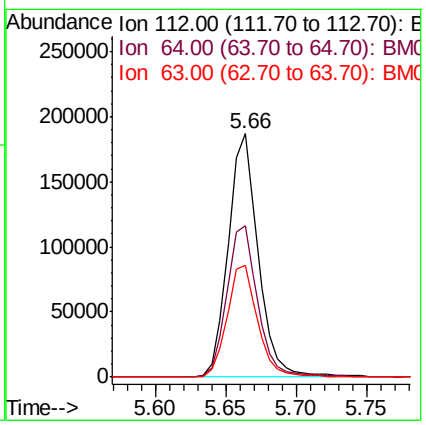


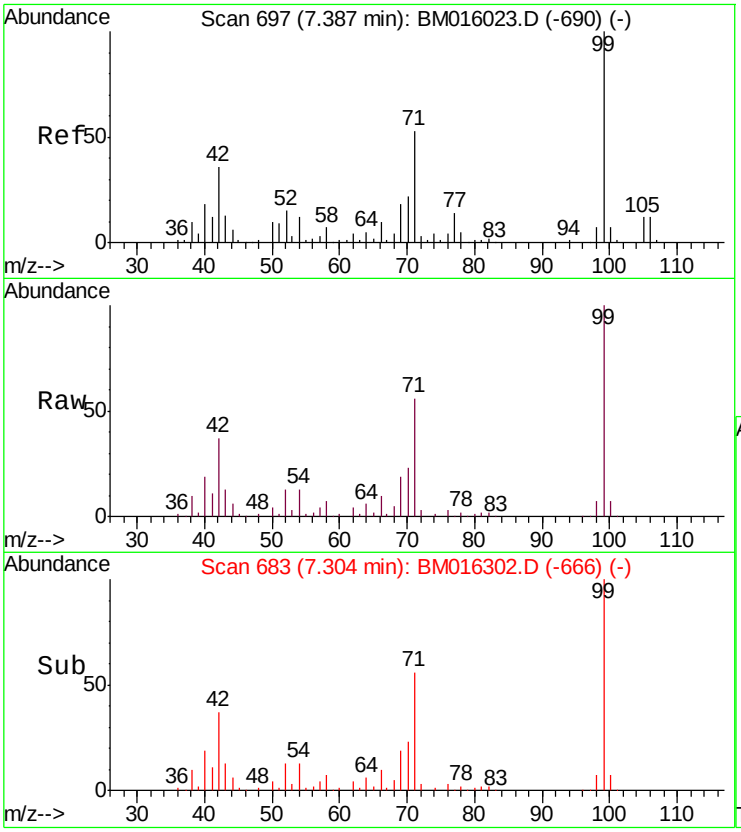


#5
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Tgt Ion:112 Resp: 276605

Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8#
63	45.8	19.3	28.9#



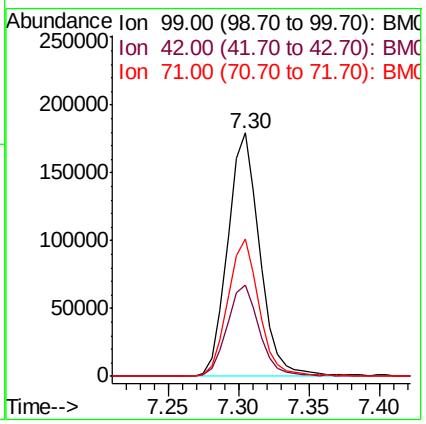


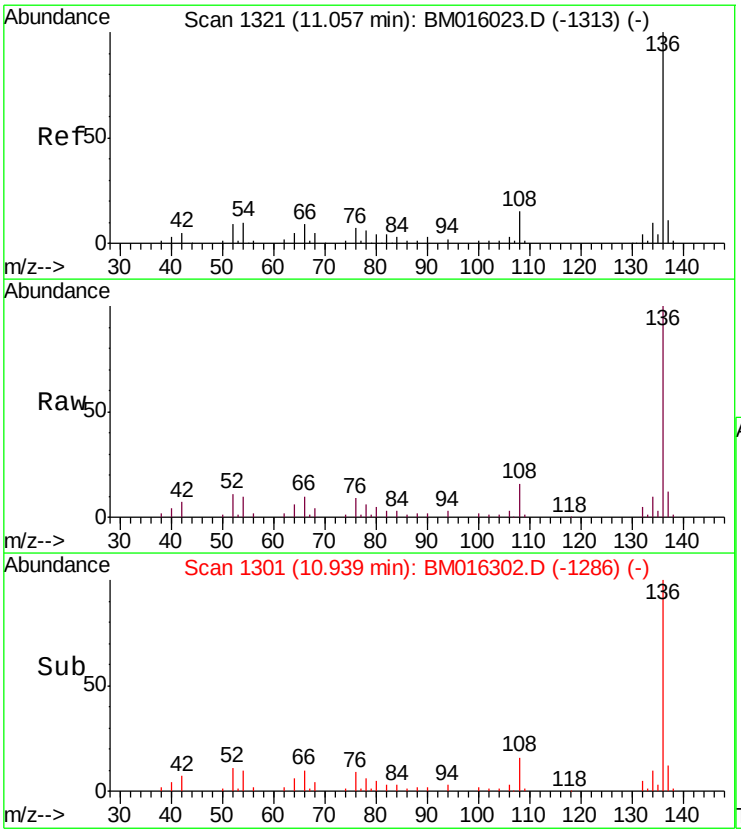
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Instrument :
BNA_M
ClientSampleId :
HR-05-080818-A

Tgt Ion: 99 Resp: 283503

Ion	Ratio	Lower	Upper
99	100		
42	37.3	11.0	16.4#
71	56.4	23.4	35.2#

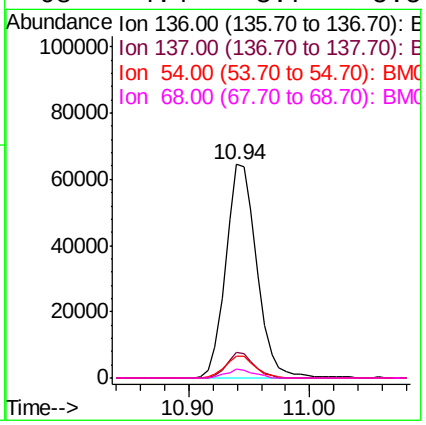


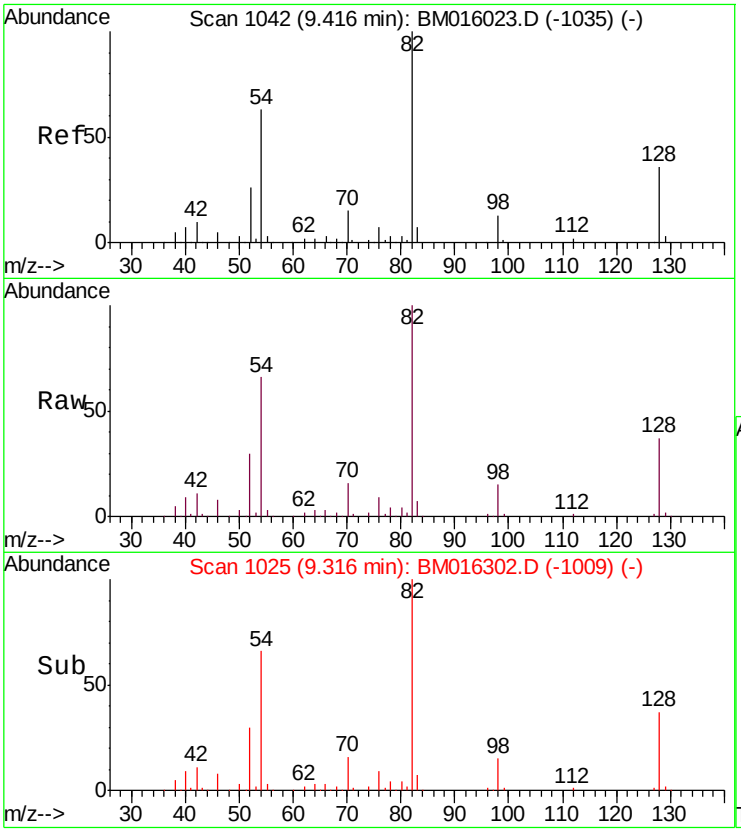


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Tgt Ion:136 Resp: 115539

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	10.0	4.6	6.8#
68	4.4	3.7	5.5



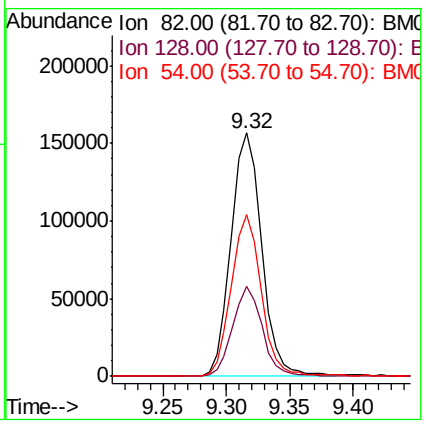


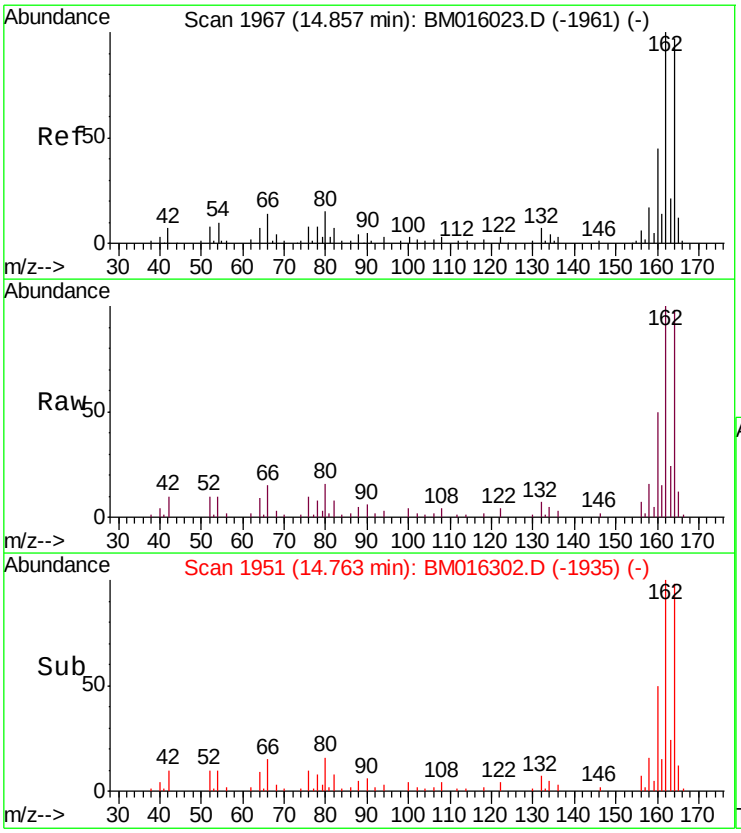
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Instrument :
BNA_M
ClientSampleId :
HR-05-080818-A

Tgt Ion: 82 Resp: 263954

Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.8	49.2
54	66.4	40.6	60.8#

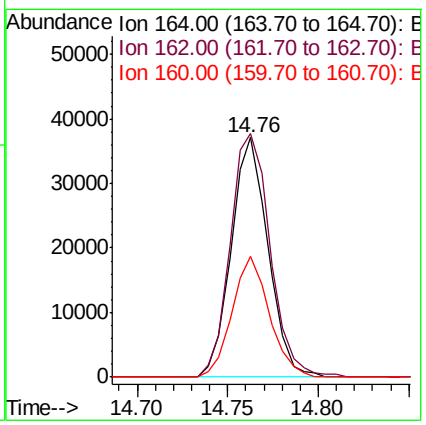


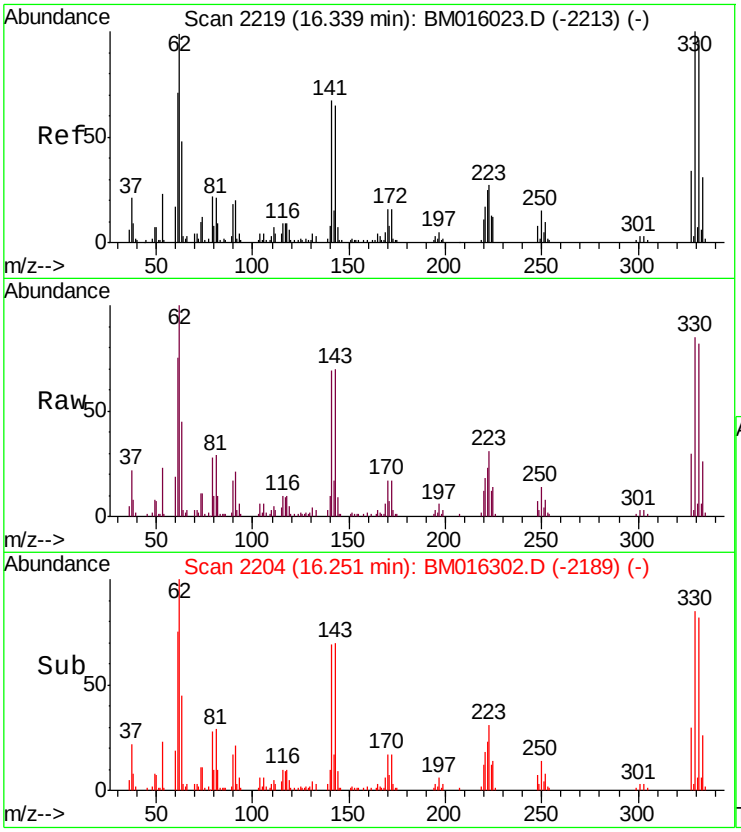


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Tgt Ion:164 Resp: 52262

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.4	123.6
160	50.4	35.8	53.6



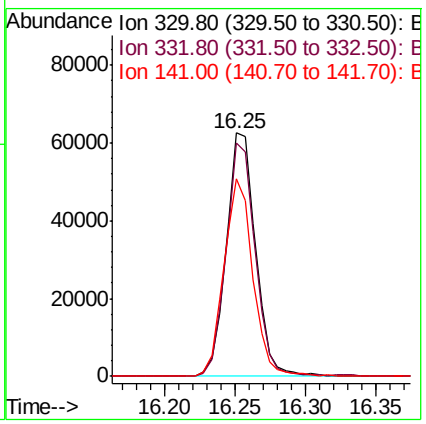


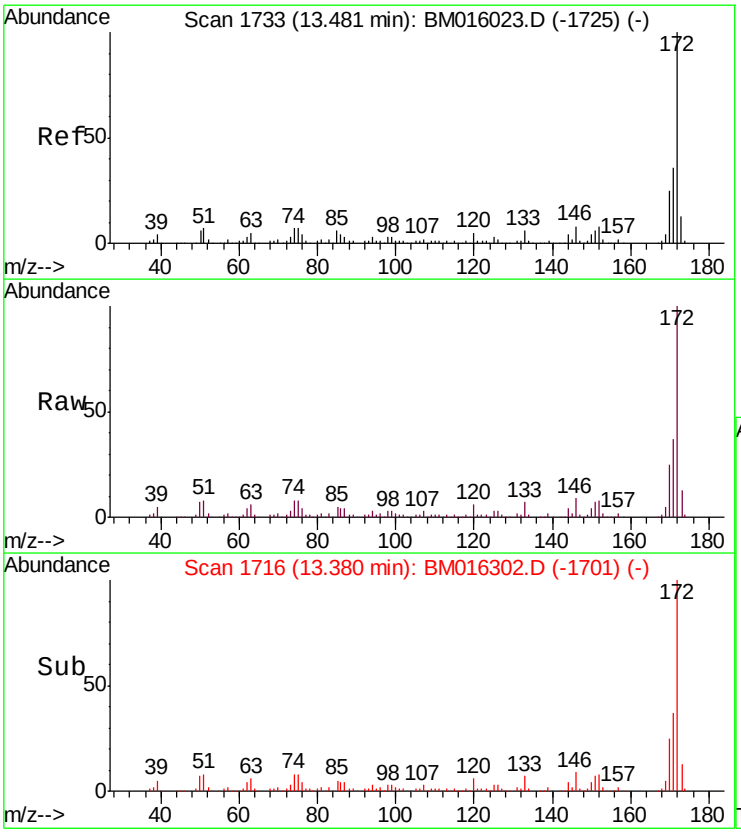
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.25 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Instrument :
BNA_M
ClientSampleId :
HR-05-080818-A

Tgt Ion:330 Resp: 90351

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	80.0	0.0	0.0#

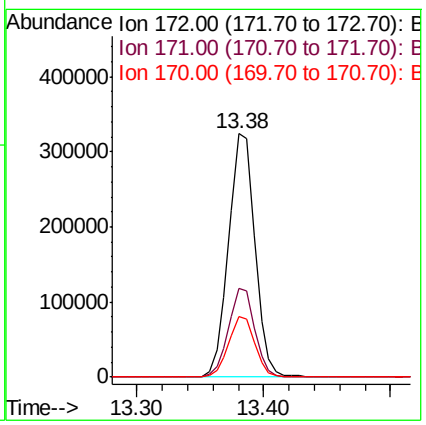


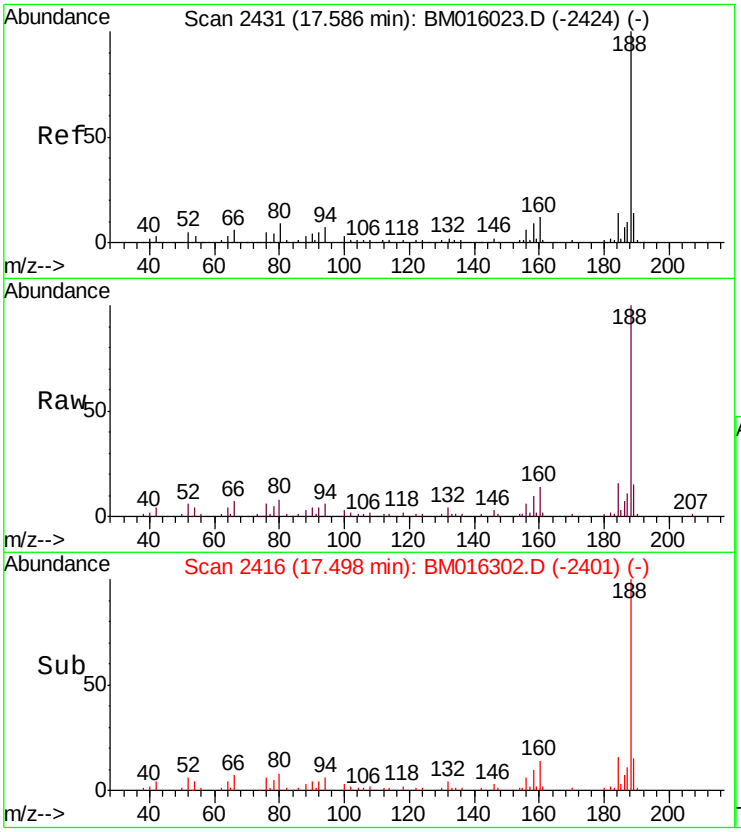


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.38 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Tgt Ion:172 Resp: 465632

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	25.1	18.8	28.2



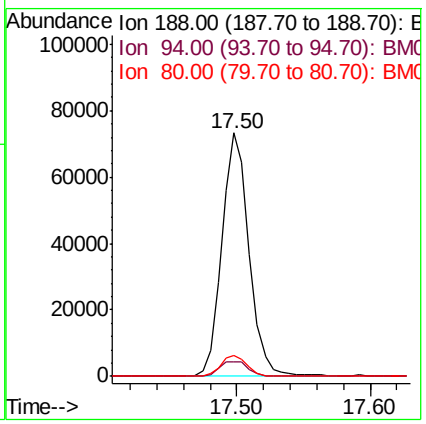


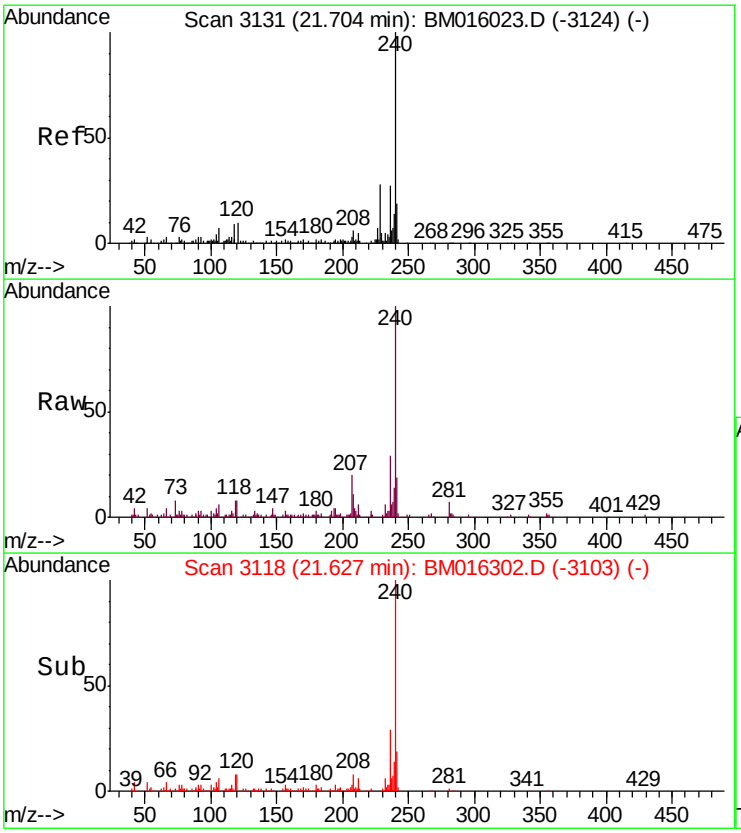
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Instrument :
BNA_M
ClientSampleId :
HR-05-080818-A

Tgt Ion:188 Resp: 104348

Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	8.4	9.3	13.9#

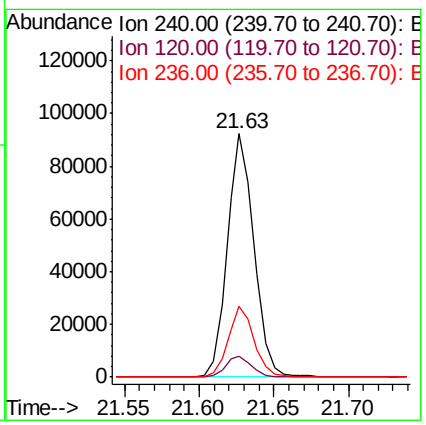


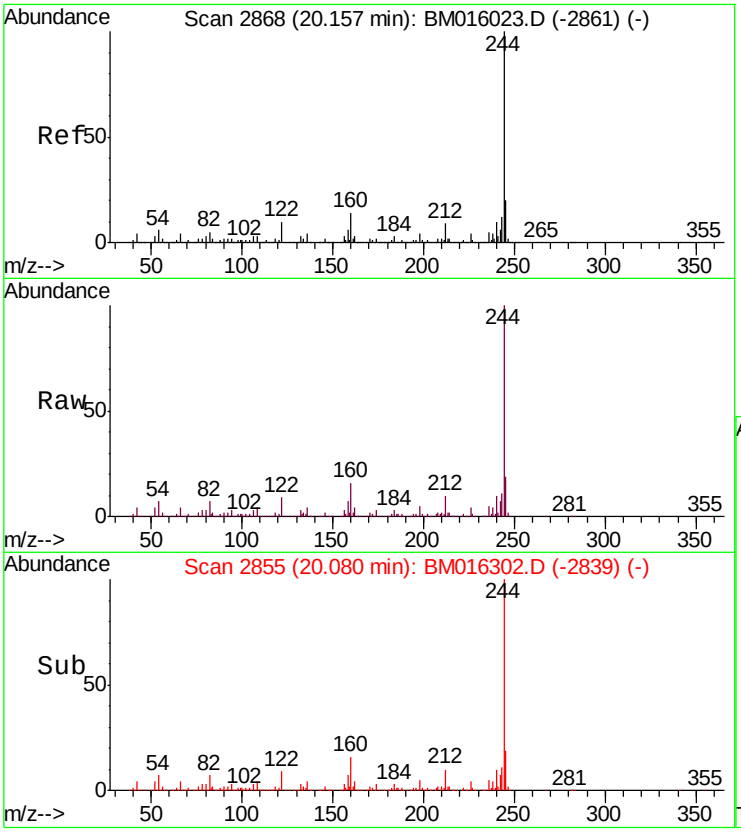


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Tgt Ion:240 Resp: 115870

Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.2	12.2
236	28.9	20.0	30.0



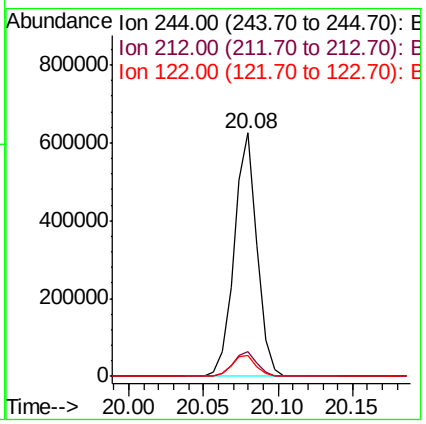


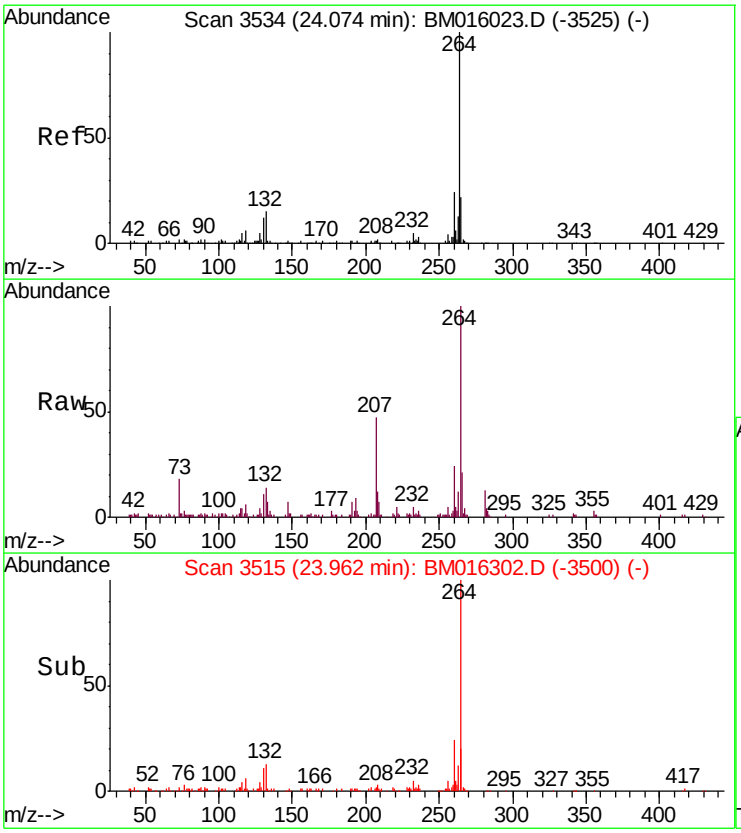
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.08 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Instrument :
BNA_M
ClientSampleId :
HR-05-080818-A

Tgt Ion:244 Resp: 664236

Ion	Ratio	Lower	Upper
244	100		
212	10.3	4.9	7.3#
122	8.7	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.96 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BM016302.D
Acq: 10 Aug 2018 18:48

Tgt Ion:264 Resp: 134745

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.4	17.3	25.9