Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
Data File : BM016306.D
Acq On : 10 Aug 2018 21:14
Operator : SJ/JU
Sample : J4271-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 11 05:19:45 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	29346	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	99145	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	45321	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	89542	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	108762	20.00	ng	-0.01
86) Perylene-d12	23.96	264	127269	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	258333	146.23	ng	0.00
7) Phenol-d6	7.30	99	269023	116.61	ng	0.00
23) Nitrobenzene-d5	9.32	82	237711	111.52	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	80268	139.64	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	412238	110.67	ng	-0.01
78) Terphenyl-d14	20.08	244	627902	120.85	ng	0.00
Target Compounds						Qvalue

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

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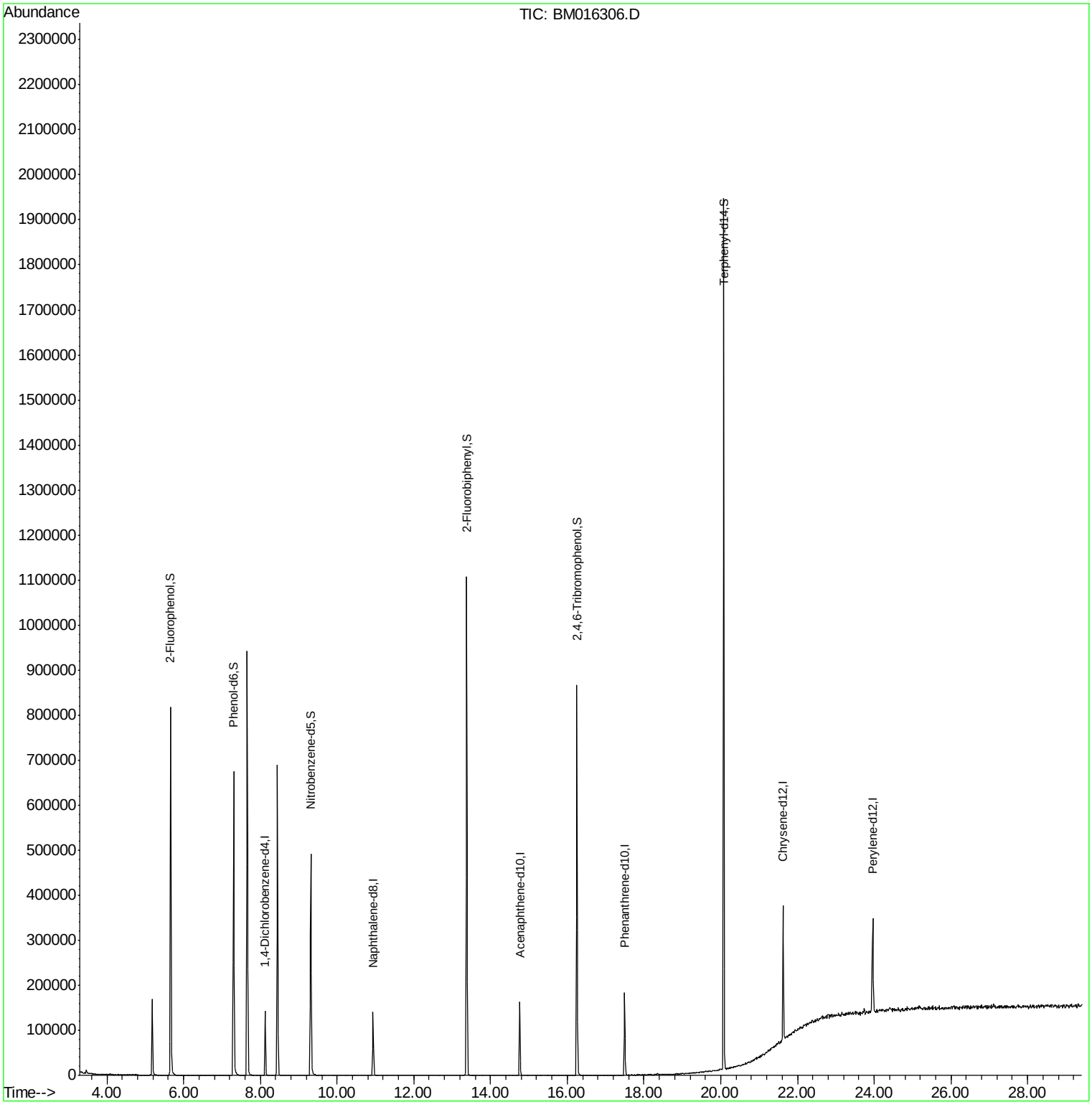
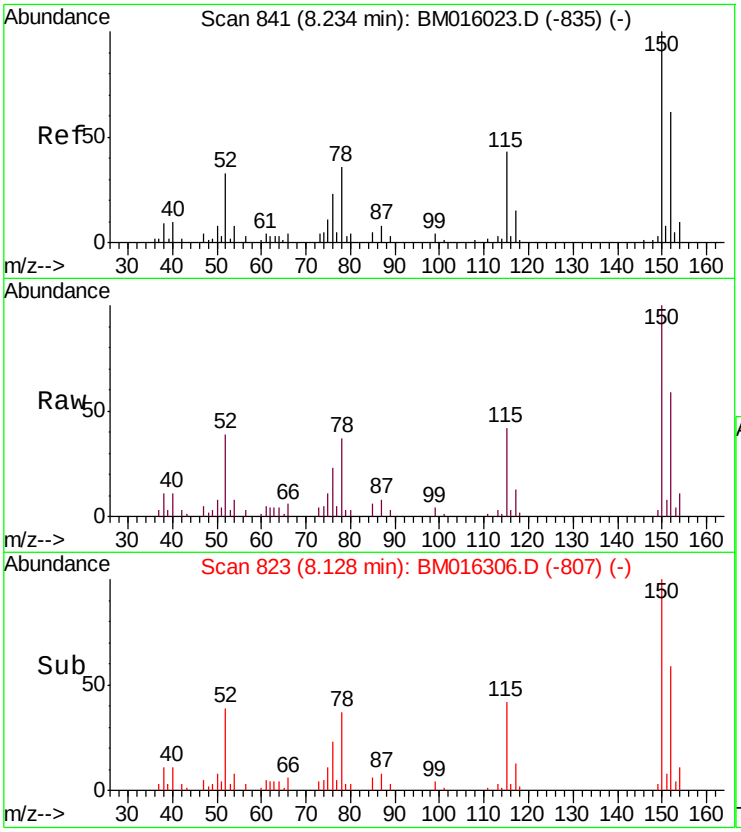


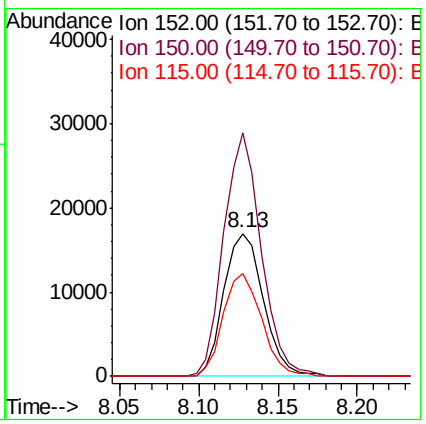


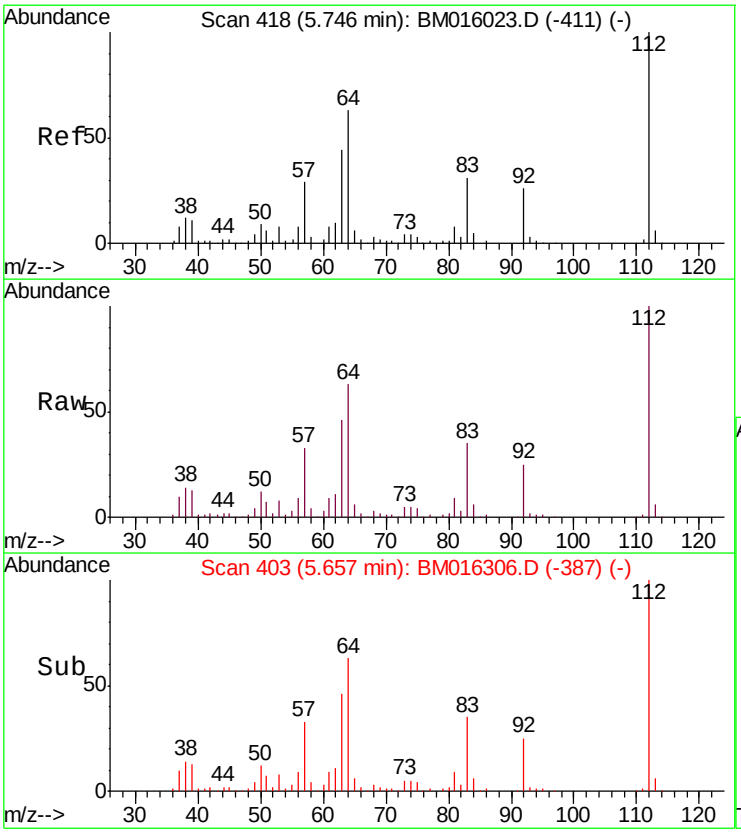
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

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

Tgt Ion:152 Resp: 29346

Ion	Ratio	Lower	Upper
152	100		
150	170.8	119.5	179.3
115	72.6	43.0	64.4#

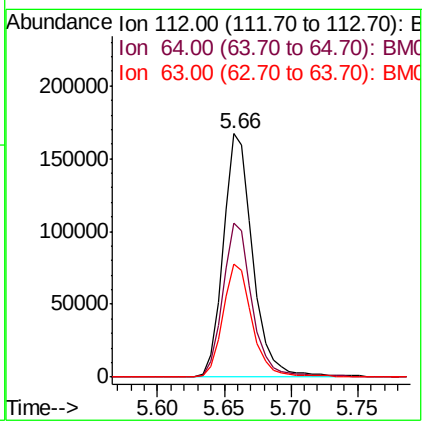


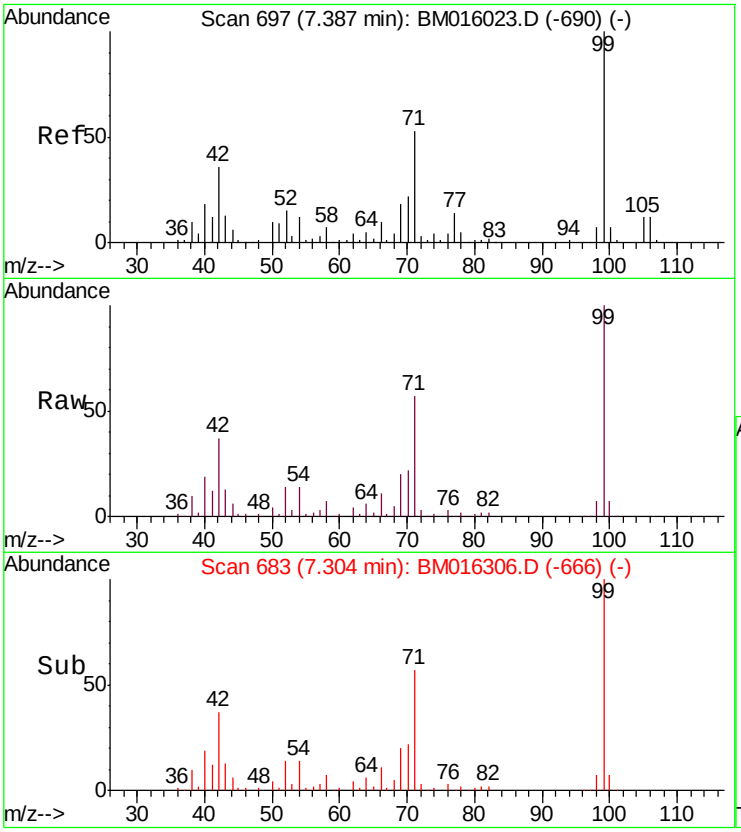


#5
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

Tgt Ion:112 Resp: 258333

Ion	Ratio	Lower	Upper
112	100		
64	63.2	38.6	57.8#
63	46.5	19.3	28.9#



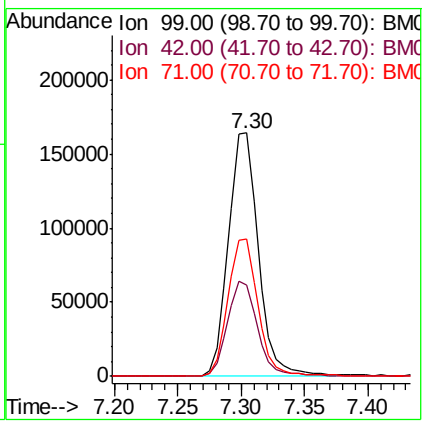


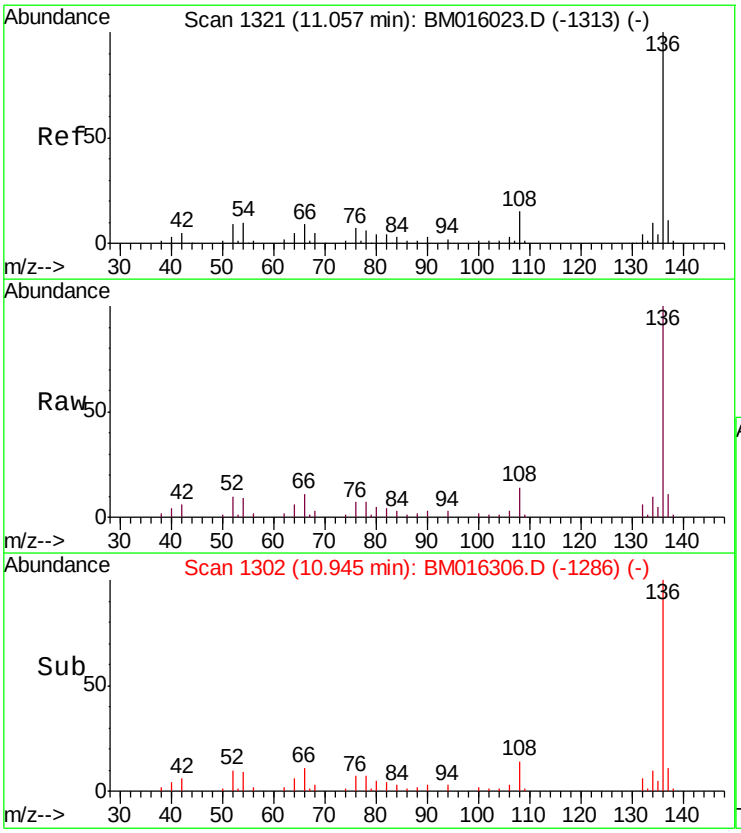
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

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

Tgt Ion: 99 Resp: 269023

Ion	Ratio	Lower	Upper
99	100		
42	37.4	11.0	16.4#
71	56.5	23.4	35.2#

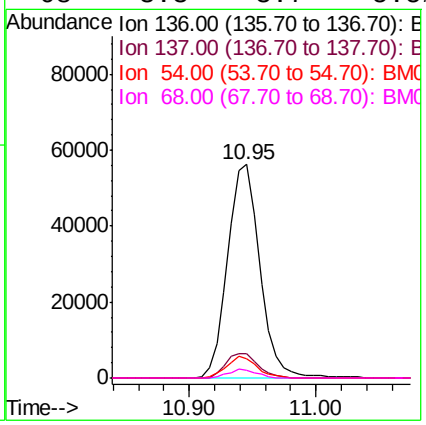


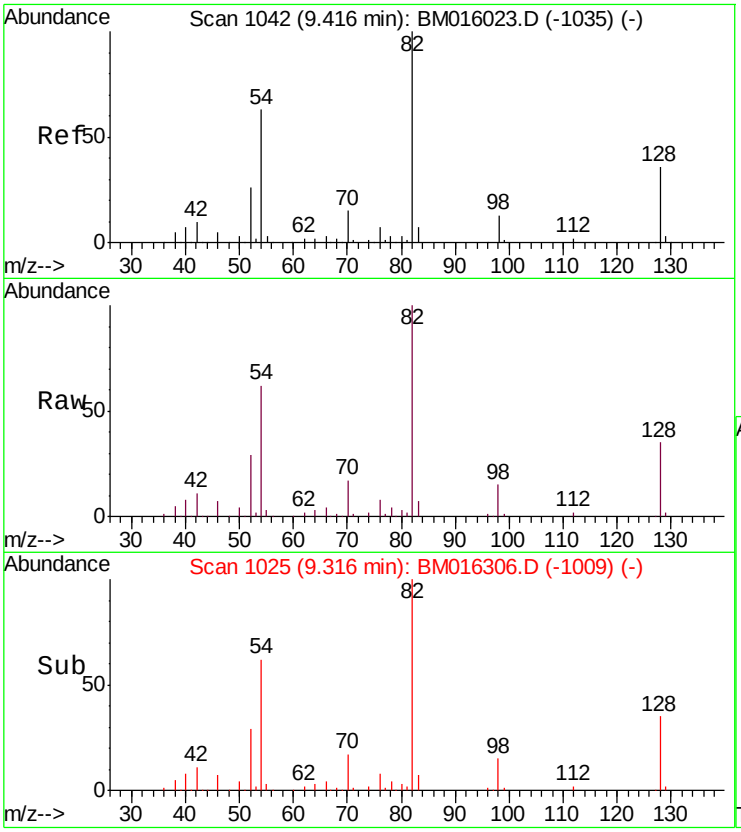


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

Tgt Ion:136 Resp: 99145

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.0	4.6	6.8#
68	3.3	3.7	5.5#



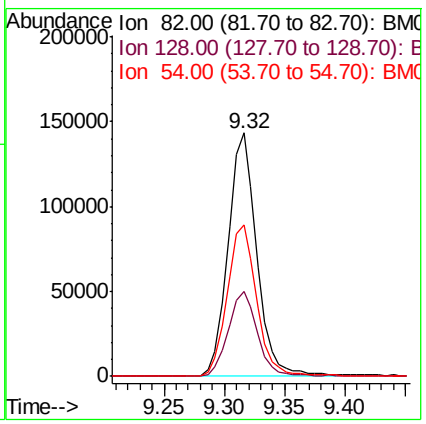


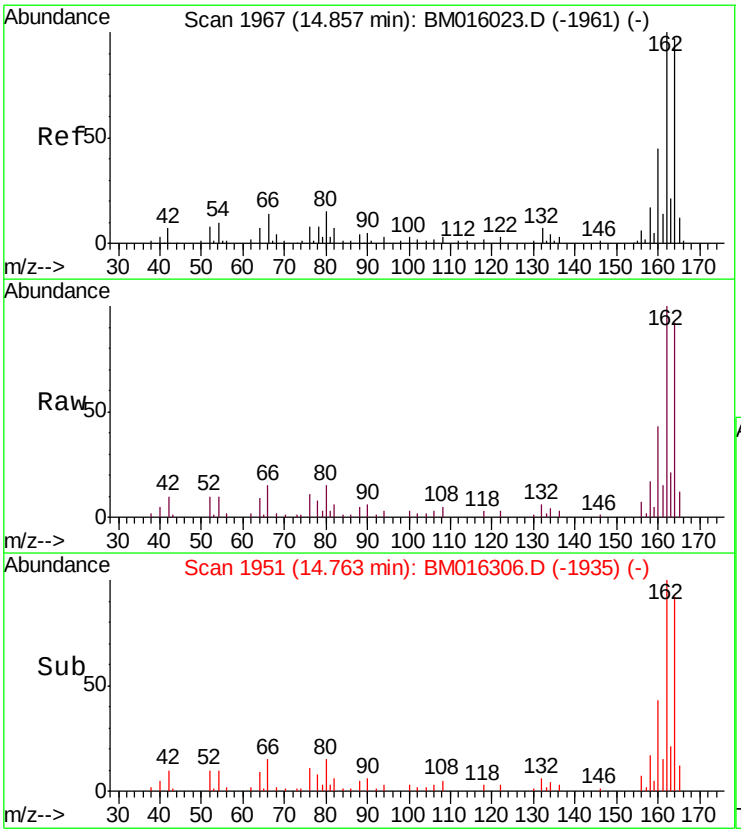
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

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

Tgt Ion: 82 Resp: 237711

Ion	Ratio	Lower	Upper
82	100		
128	34.7	32.8	49.2
54	62.2	40.6	60.8#

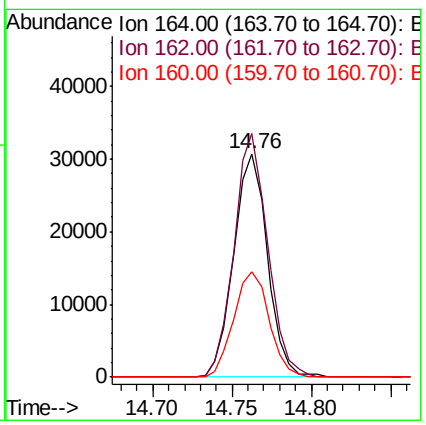


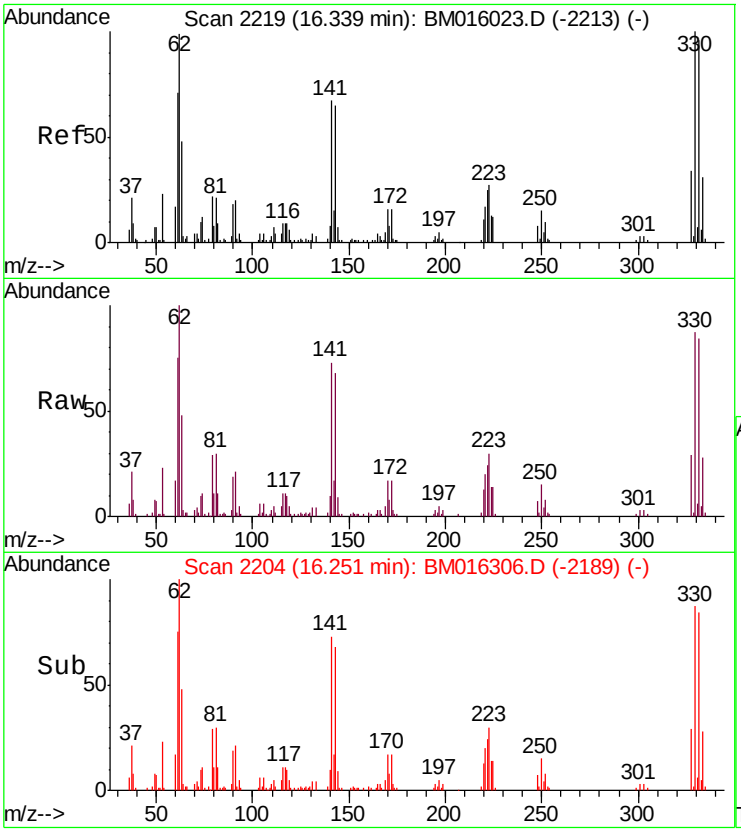


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

Tgt Ion:164 Resp: 45321

Ion	Ratio	Lower	Upper
164	100		
162	108.9	82.4	123.6
160	47.3	35.8	53.6



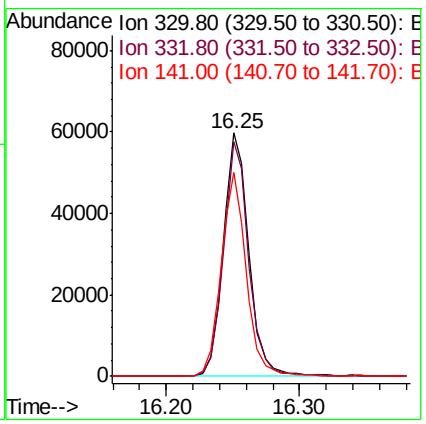


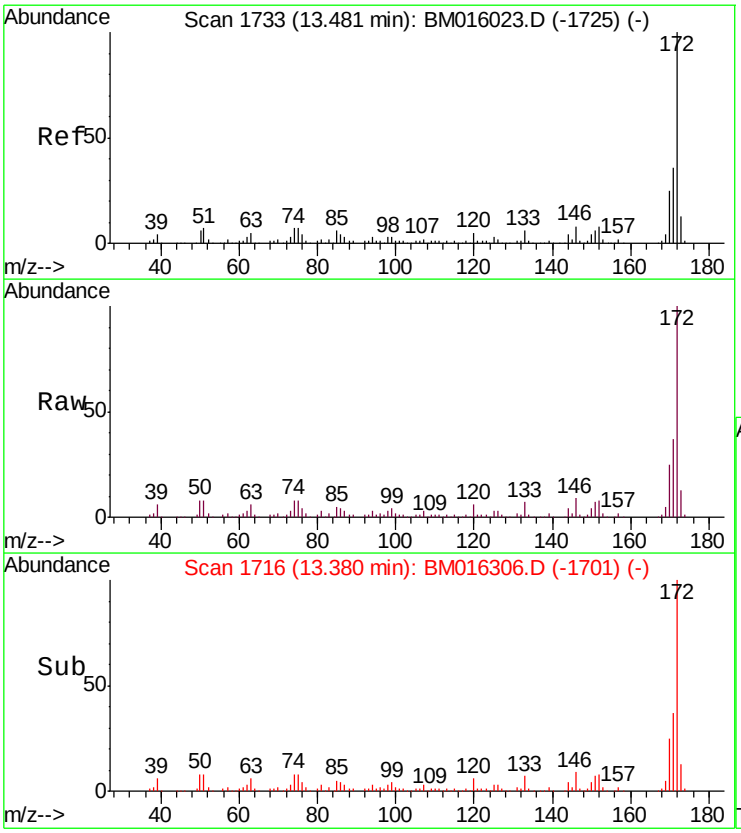
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.25 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

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

Tgt Ion:330 Resp: 80268

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	82.4	0.0	0.0#

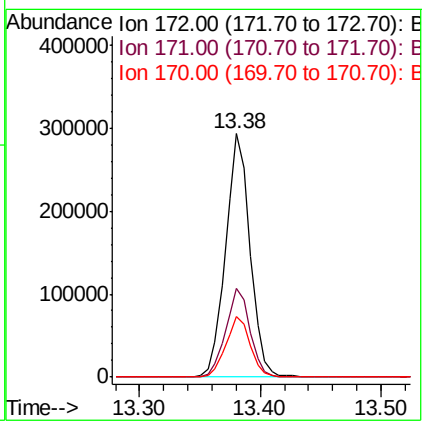


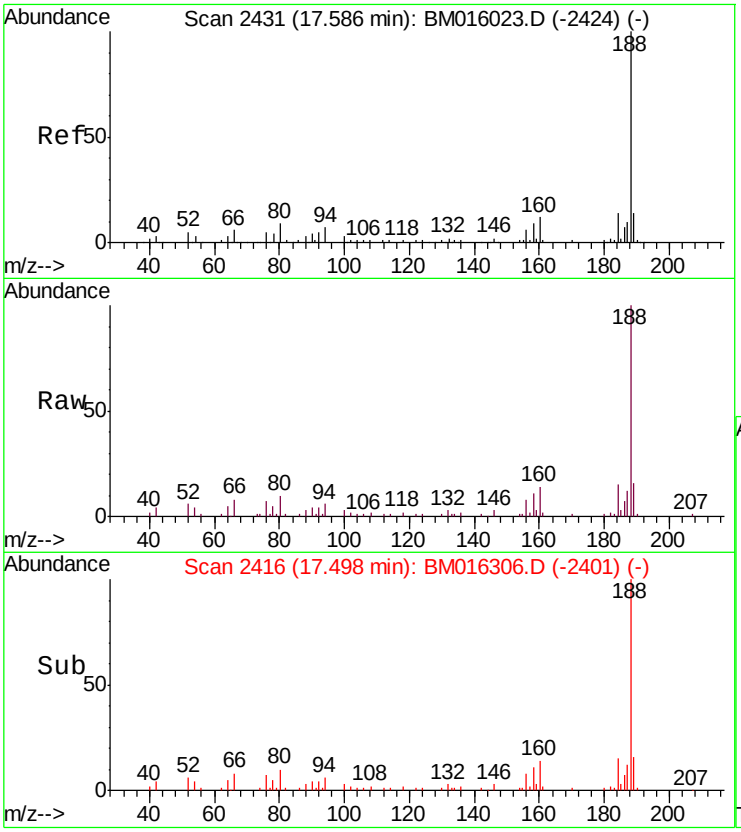


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.38 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

Tgt Ion:172 Resp: 412238

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	25.0	18.8	28.2



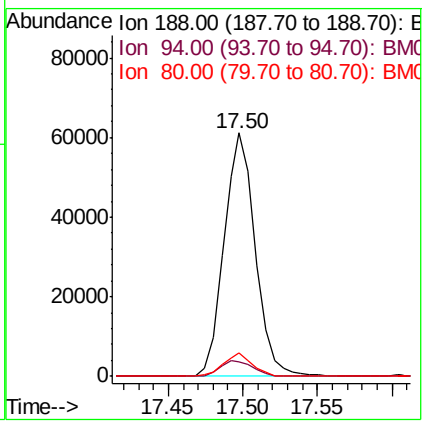


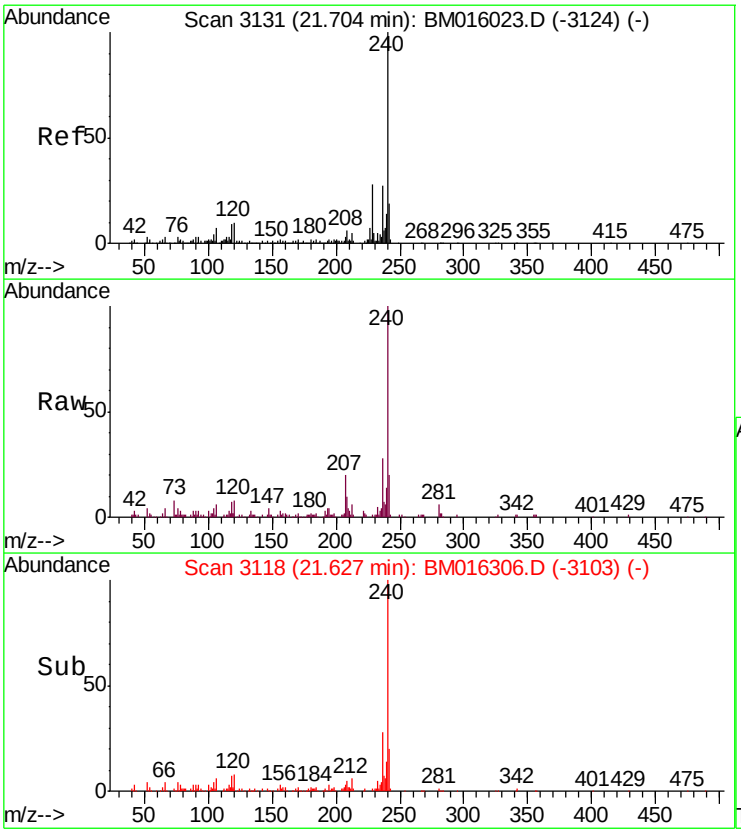
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

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

Tgt Ion:188 Resp: 89542

Ion	Ratio	Lower	Upper
188	100		
94	5.9	8.7	13.1#
80	9.8	9.3	13.9

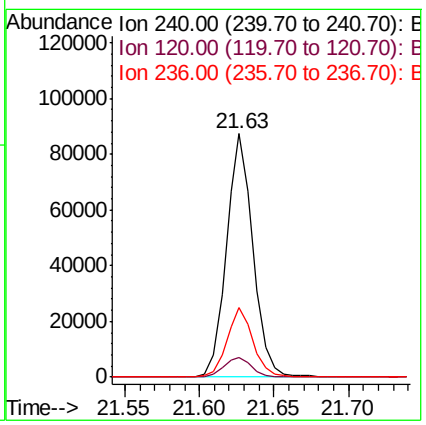


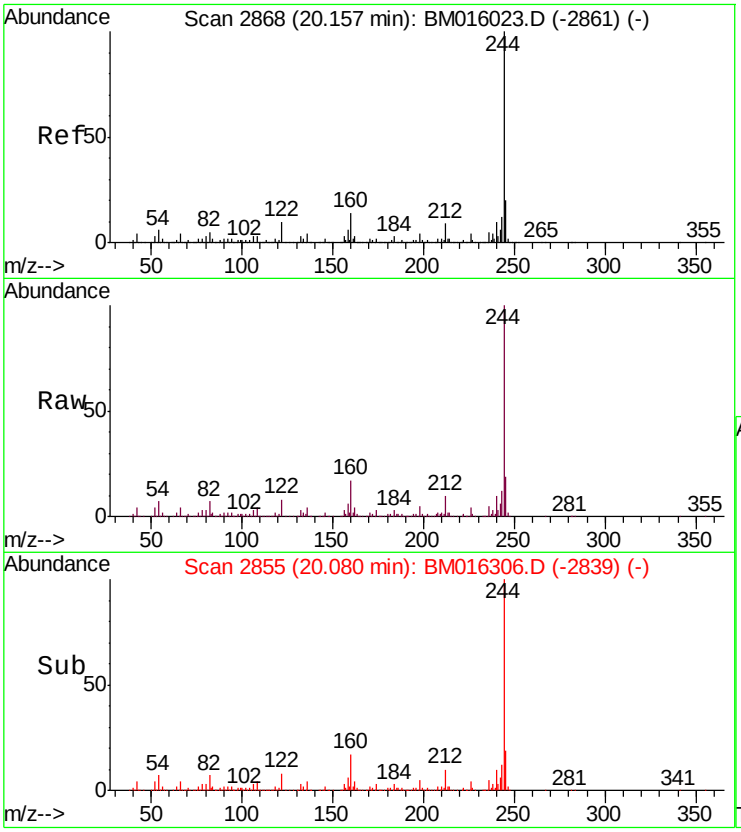


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

Tgt Ion:240 Resp: 108762

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	28.5	20.0	30.0



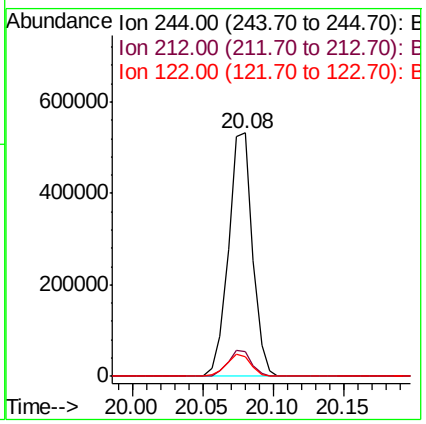


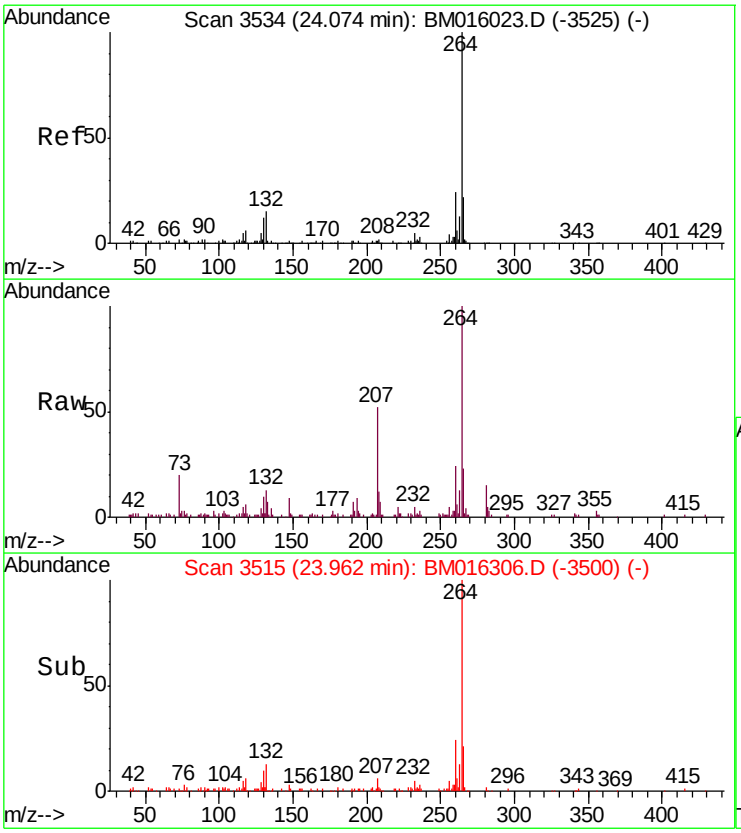
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.08 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM016306.D
Acq: 10 Aug 2018 21:14

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

Tgt Ion:244 Resp: 627902

Ion	Ratio	Lower	Upper
244	100		
212	10.0	4.9	7.3#
122	7.9	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: BM016306.D
Acq: 10 Aug 2018 21:14

Tgt Ion:264 Resp: 127269

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	23.4	17.3	25.9