Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
Data File : BM016308.D
Acq On : 10 Aug 2018 22:28
Operator : SJ/JU
Sample : J4272-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JC-03-080918-B

Quant Time: Aug 11 05:26:24 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	27889	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	92979	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	42009	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	84515	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	99729	20.00	ng	-0.01
86) Perylene-d12	23.96	264	116092	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	234964	139.95	ng	0.00
7) Phenol-d6	7.30	99	230433	105.10	ng	0.00
23) Nitrobenzene-d5	9.32	82	230652	115.38	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	73326	137.62	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	398856	115.52	ng	-0.01
78) Terphenyl-d14	20.08	244	572288	120.12	ng	0.00
Target Compounds						Qvalue

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

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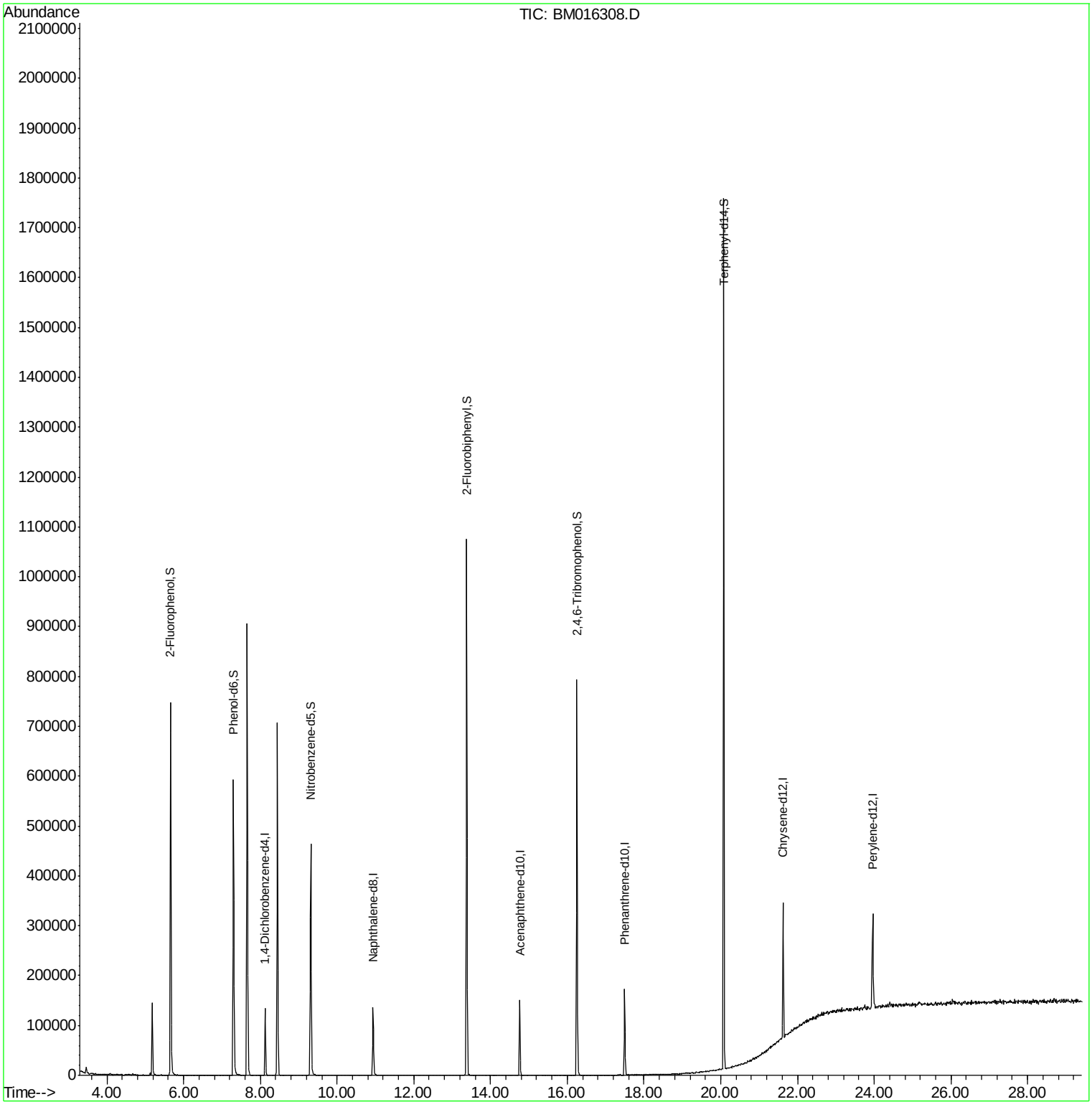
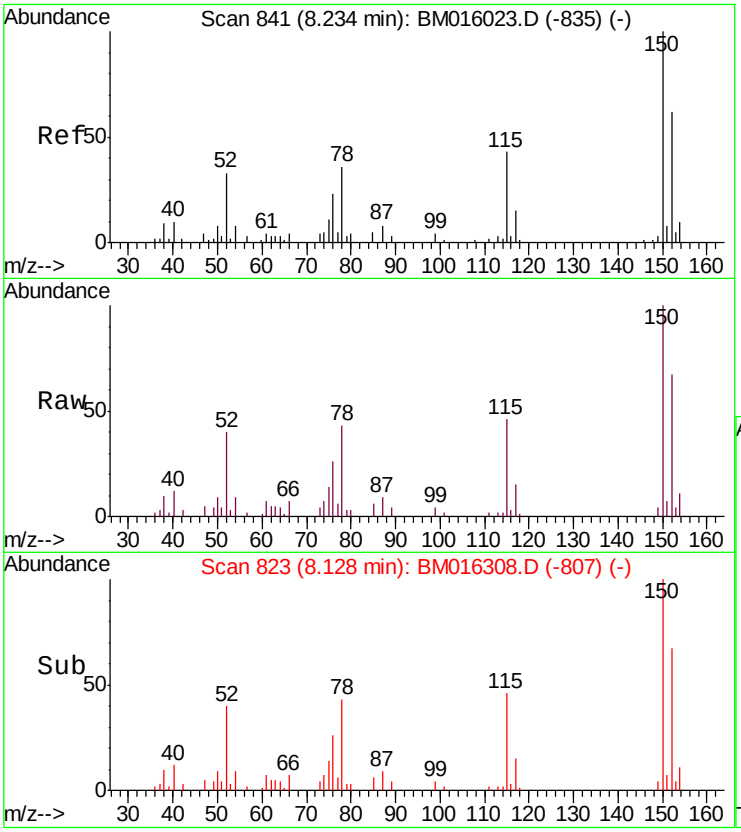


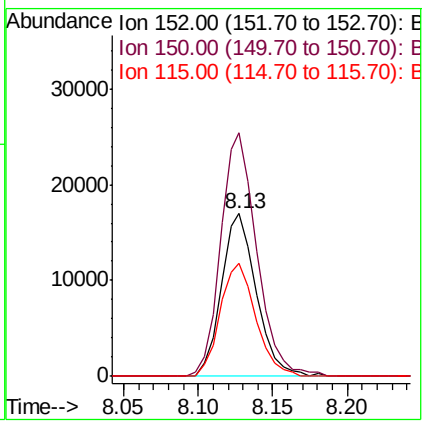


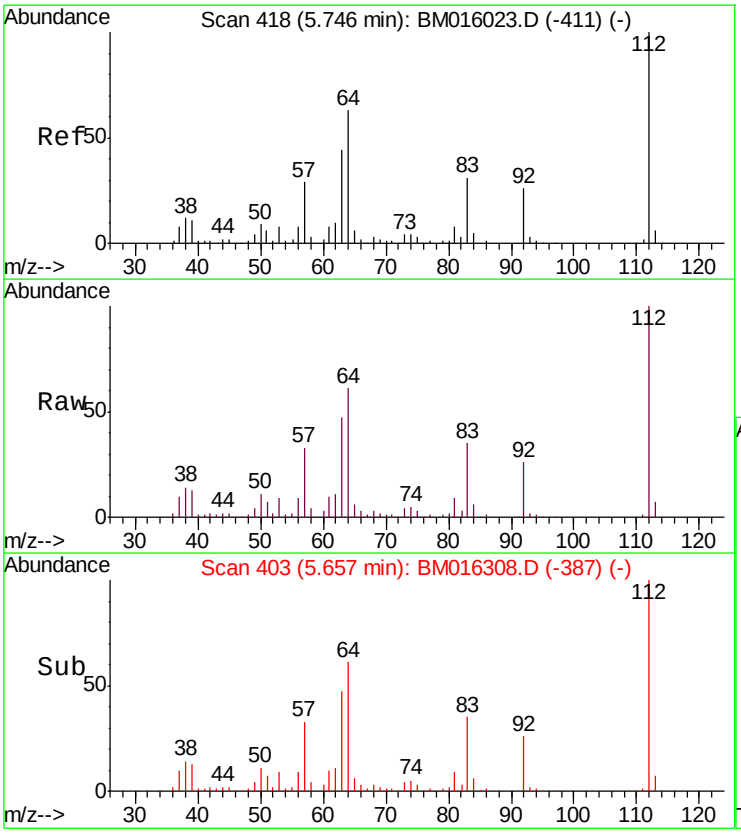
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-B

Tgt Ion:152 Resp: 27889

Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	69.3	43.0	64.4#

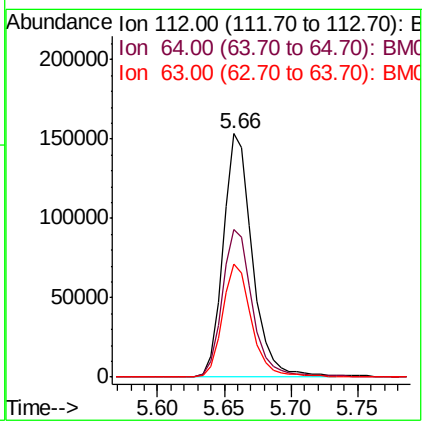


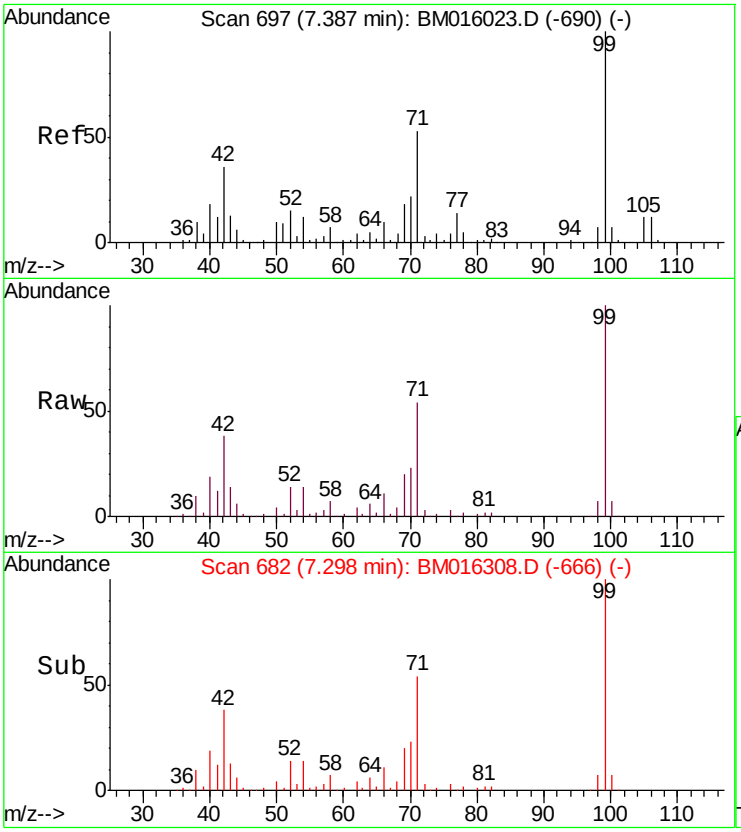


#5
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Tgt Ion:112 Resp: 234964

Ion	Ratio	Lower	Upper
112	100		
64	60.8	38.6	57.8#
63	46.6	19.3	28.9#



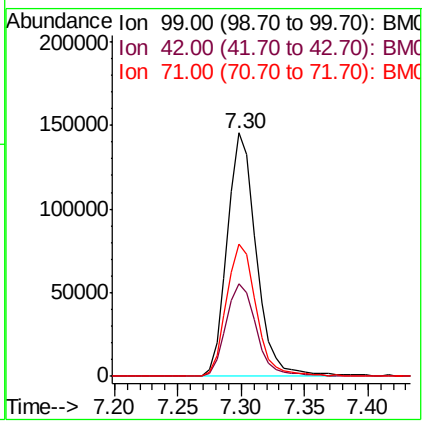


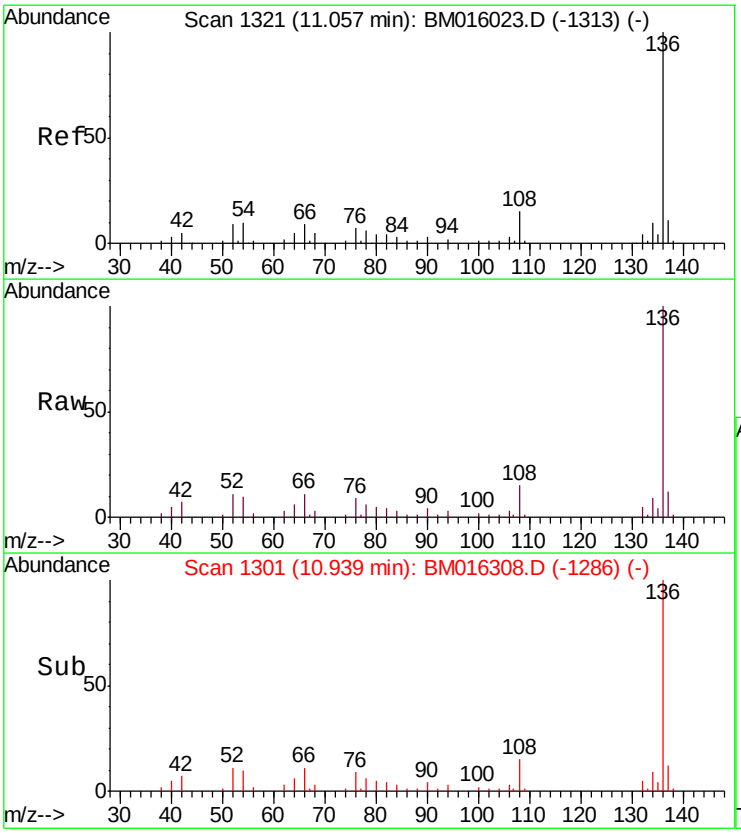
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-B

Tgt Ion: 99 Resp: 230433

Ion	Ratio	Lower	Upper
99	100		
42	37.8	11.0	16.4#
71	54.5	23.4	35.2#

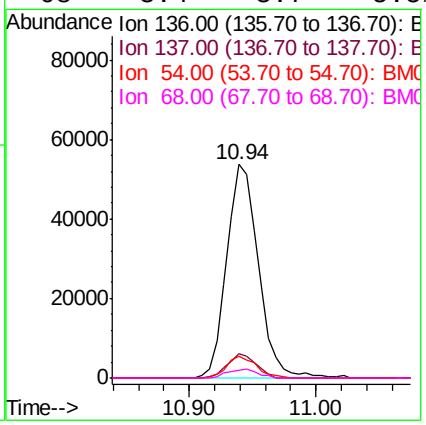


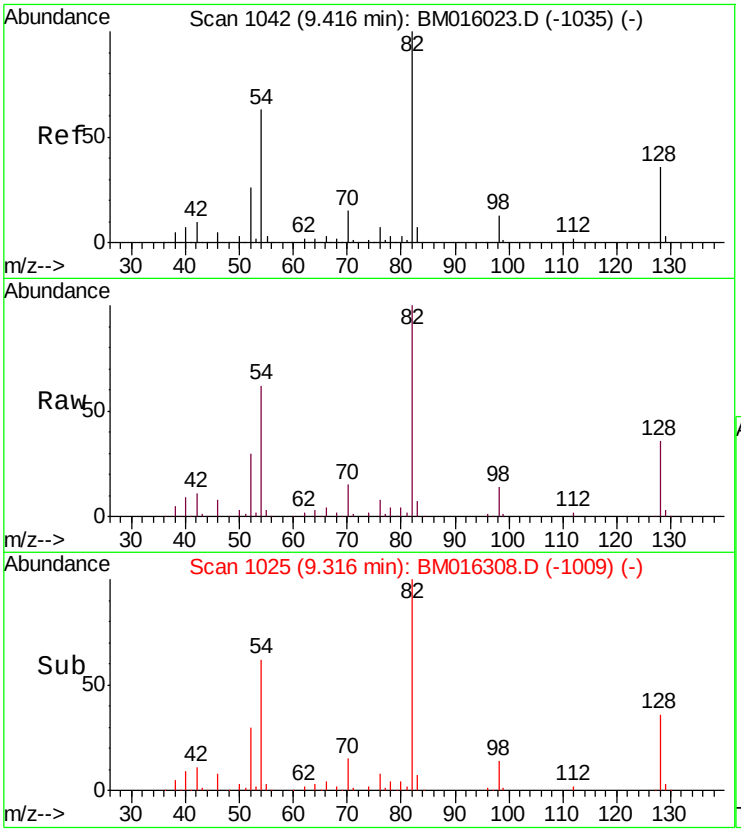


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Tgt Ion:136 Resp: 92979

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.2	4.6	6.8#
68	3.4	3.7	5.5#



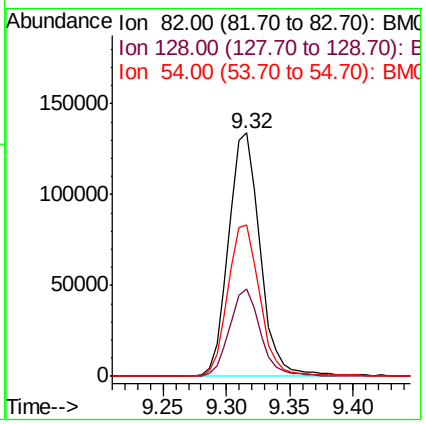


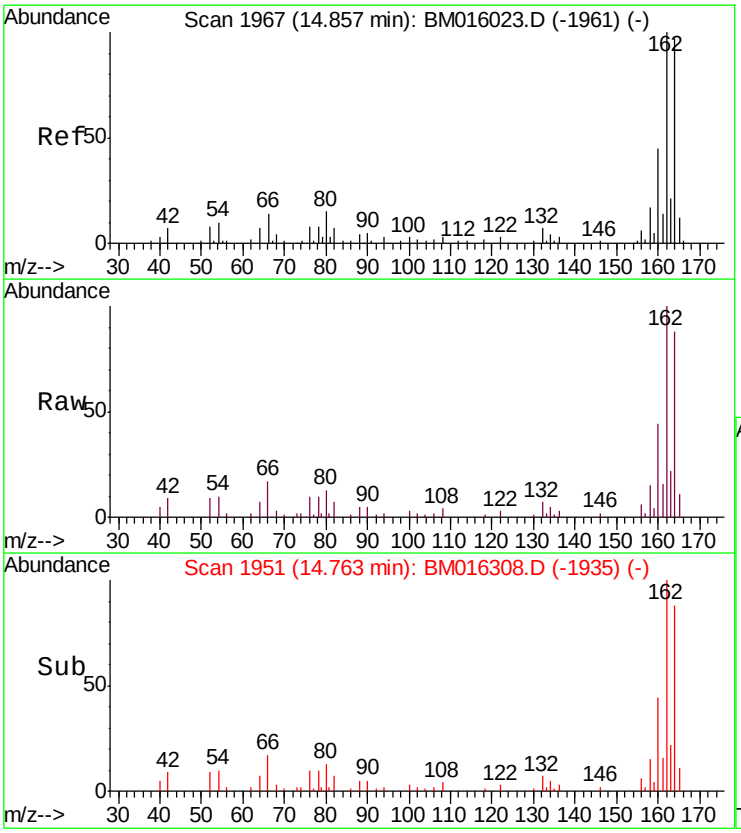
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-B

Tgt Ion: 82 Resp: 230652

Ion	Ratio	Lower	Upper
82	100		
128	36.0	32.8	49.2
54	62.4	40.6	60.8#

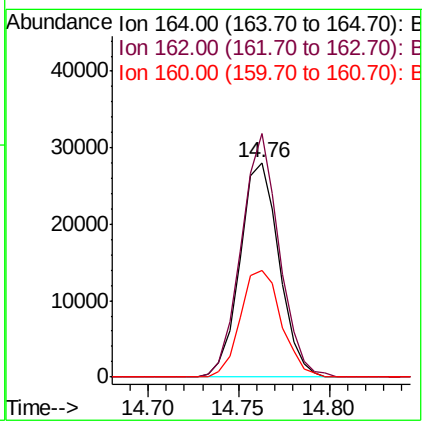


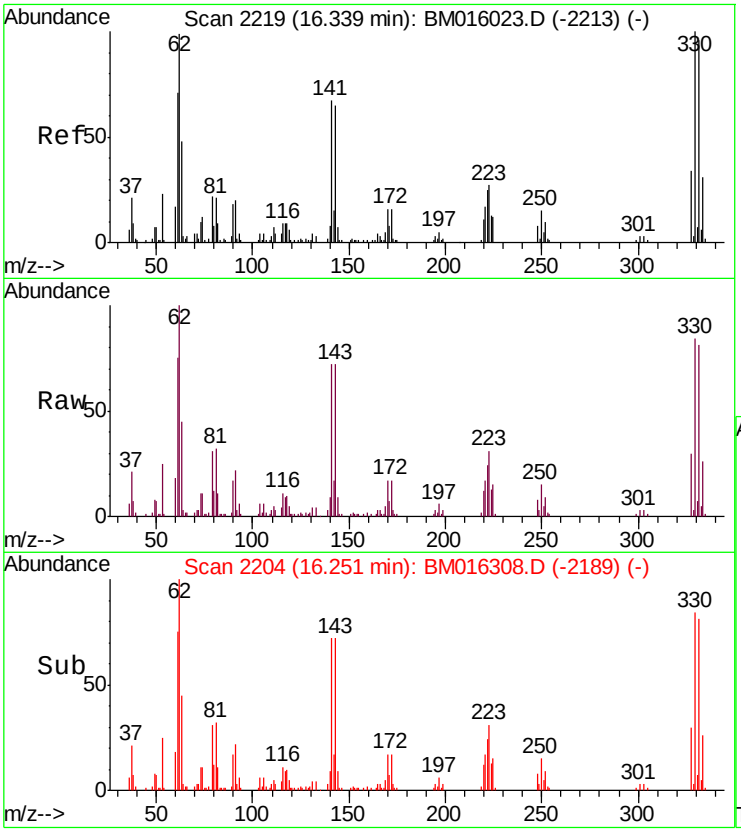


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Tgt Ion:164 Resp: 42009

Ion	Ratio	Lower	Upper
164	100		
162	113.5	82.4	123.6
160	49.7	35.8	53.6



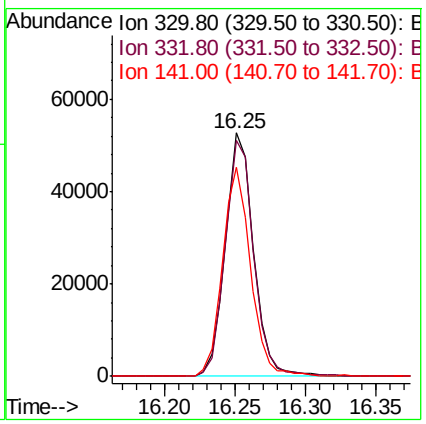


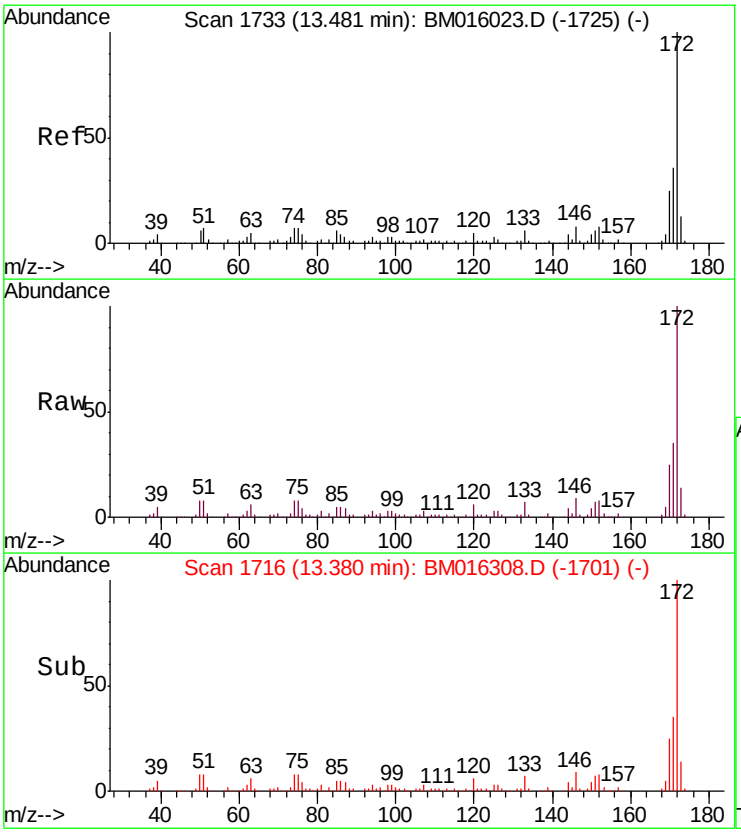
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.25 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-B

Tgt Ion:330 Resp: 73326

Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	85.1	0.0	0.0#

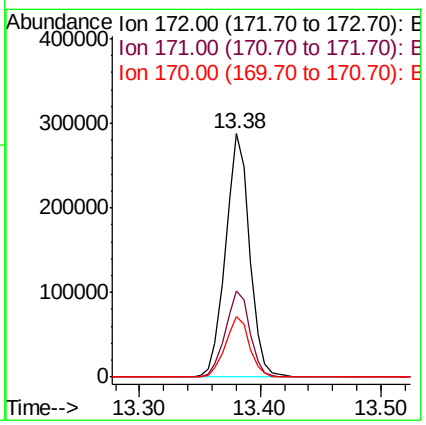


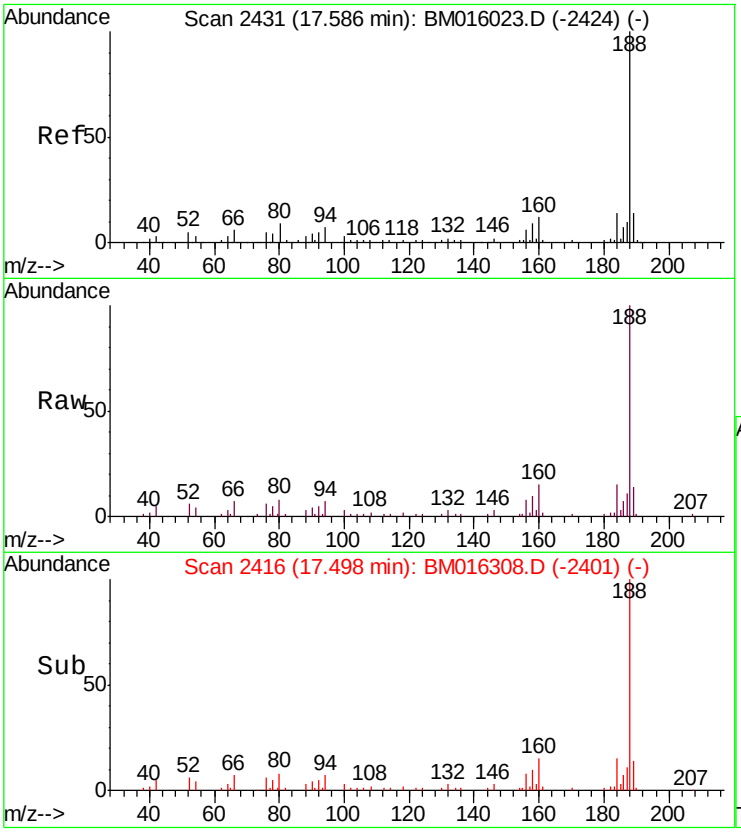


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.38 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Tgt Ion:172 Resp: 398856

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	25.0	18.8	28.2



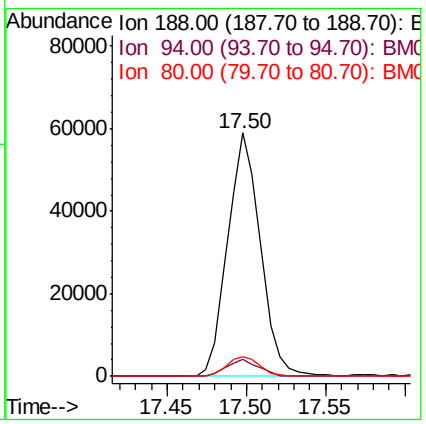


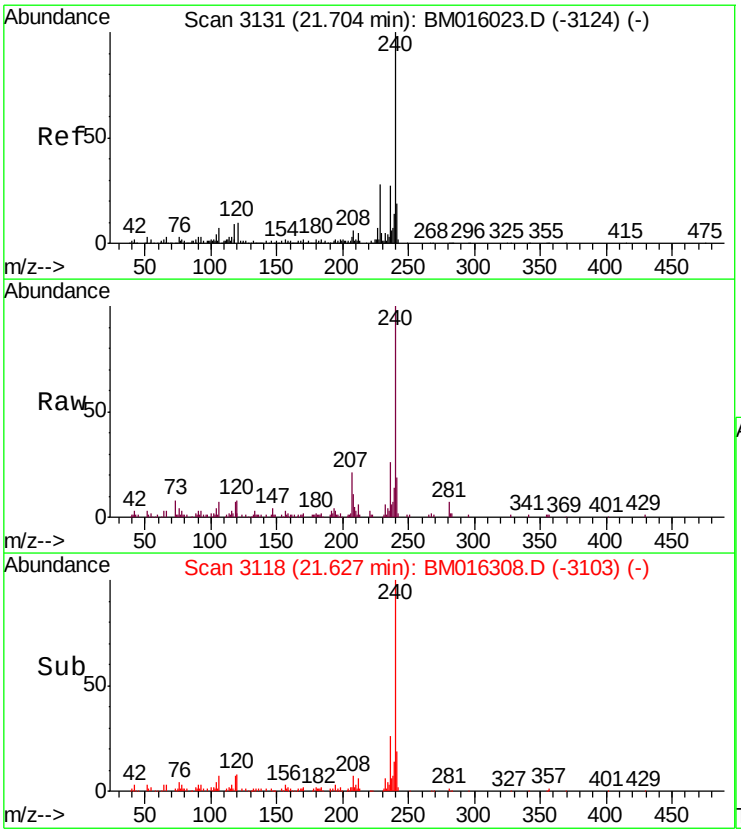
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-B

Tgt Ion:188 Resp: 84515

Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	7.9	9.3	13.9#

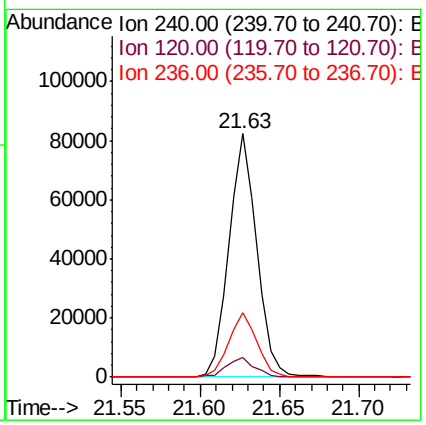


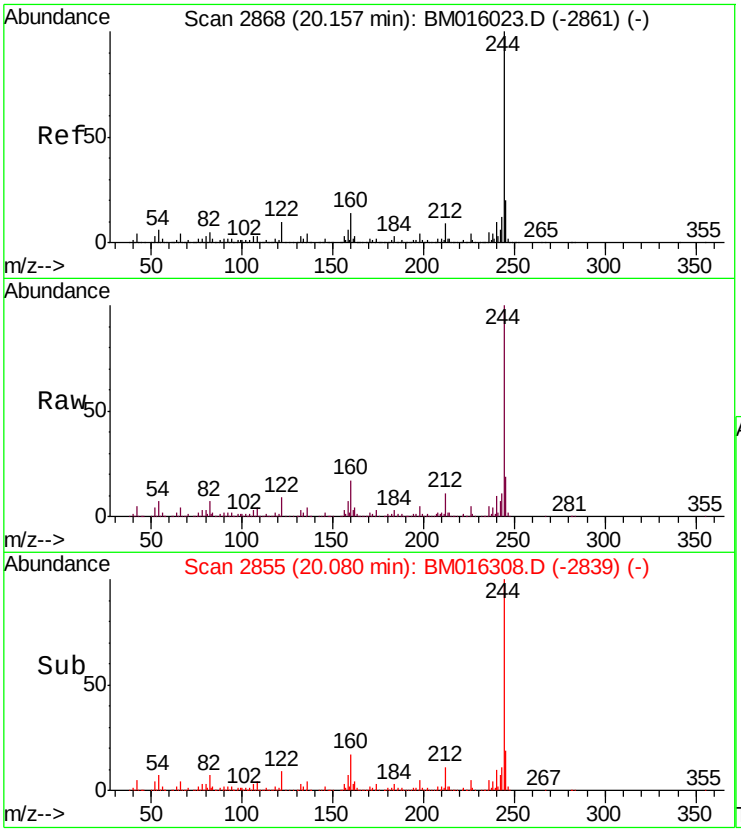


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Tgt Ion:240 Resp: 99729

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	26.3	20.0	30.0



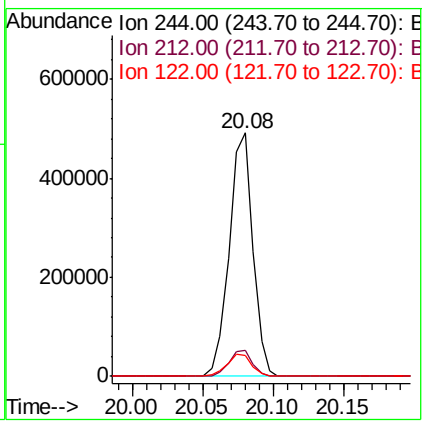


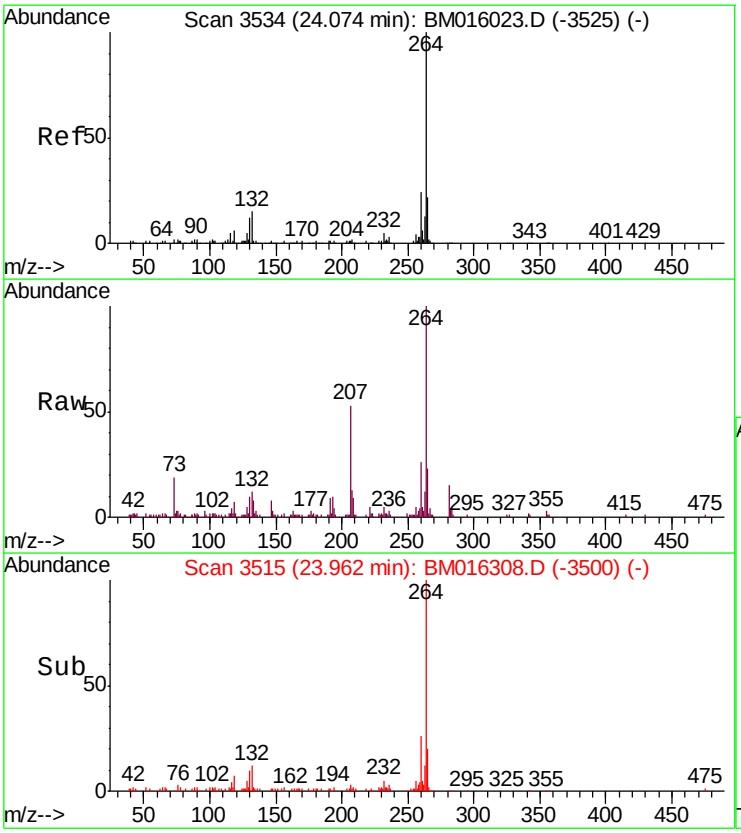
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.08 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM016308.D
Acq: 10 Aug 2018 22:28

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-B

Tgt Ion:244 Resp: 572288

Ion	Ratio	Lower	Upper
244	100		
212	10.6	4.9	7.3#
122	8.5	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: BM016308.D
Acq: 10 Aug 2018 22:28

Tgt Ion:264 Resp: 116092

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.6	27.8
265	22.7	17.3	25.9