Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
Data File : BM016307.D
Acq On : 10 Aug 2018 21:51
Operator : SJ/JU
Sample : J4272-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 11 05:23:09 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	27054	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	91925	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	43253	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	86364	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	103066	20.00	ng	-0.01
86) Perylene-d12	23.96	264	121242	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	208880	128.25	ng	0.00
7) Phenol-d6	7.30	99	209031	98.28	ng	0.00
23) Nitrobenzene-d5	9.32	82	202676	102.55	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	69947	127.50	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	356661	100.33	ng	-0.01
78) Terphenyl-d14	20.08	244	547491	111.20	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.99	128	39785	8.551	ng	98

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

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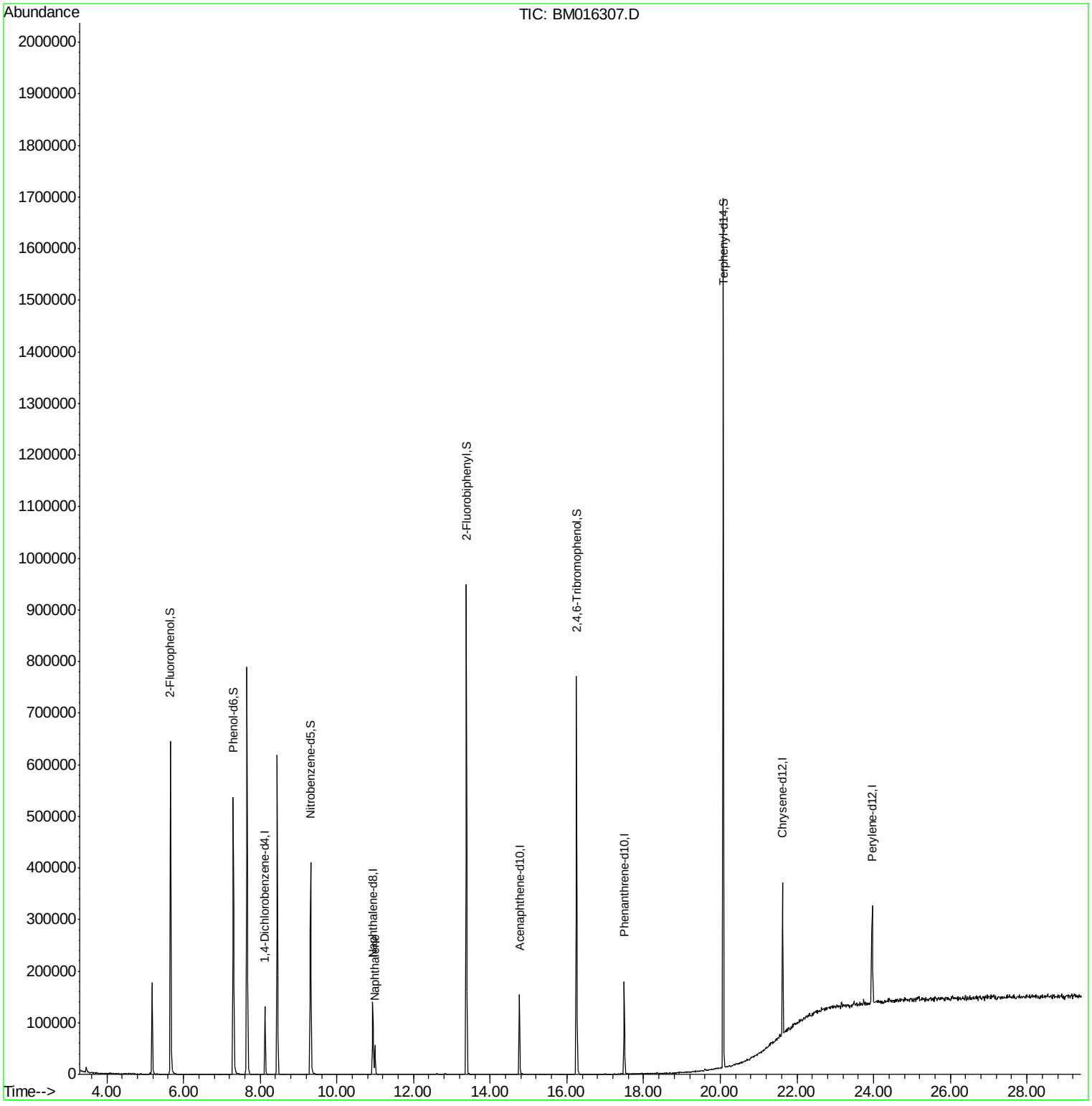
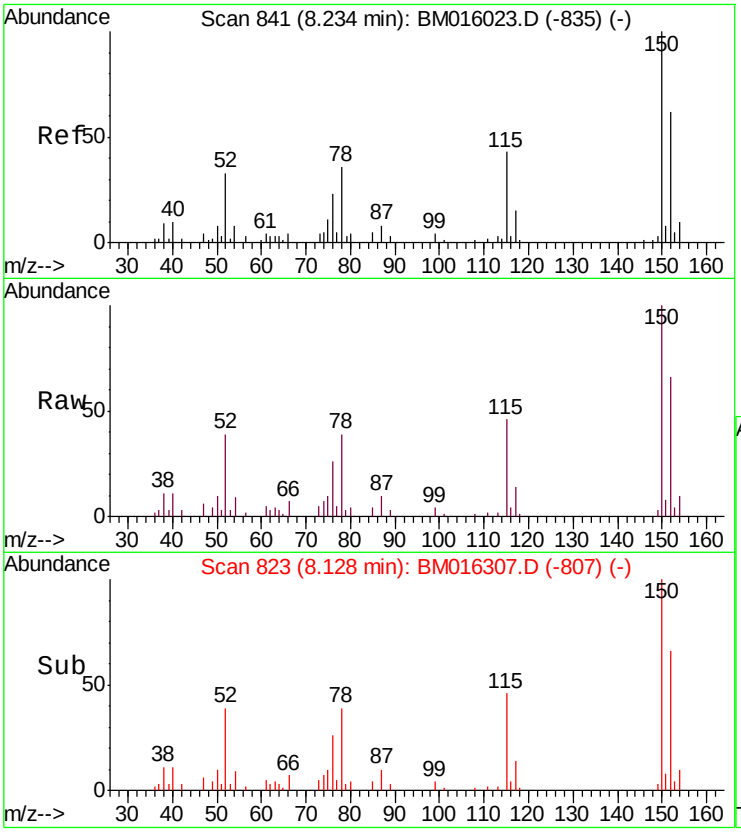


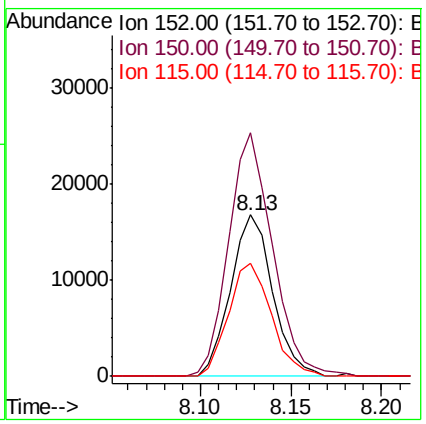


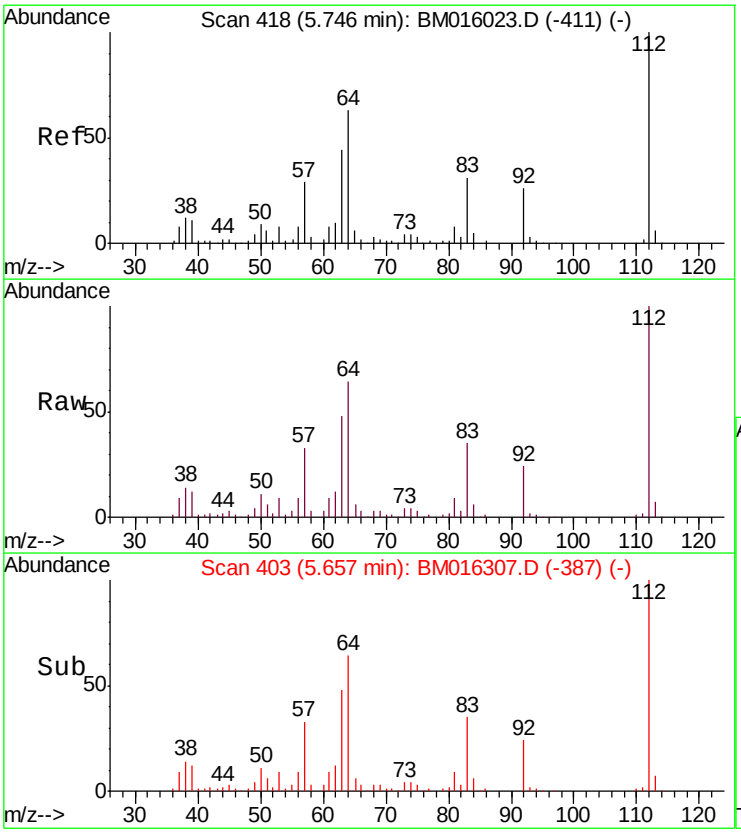
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

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

Tgt Ion:152 Resp: 27054

Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	69.7	43.0	64.4#

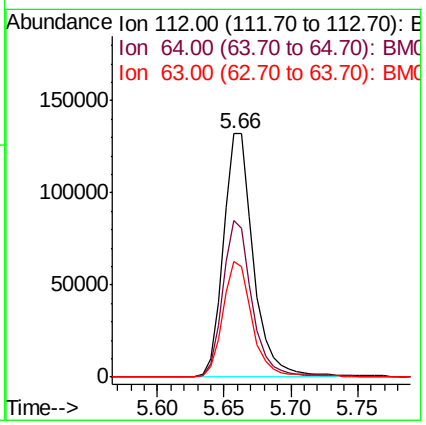


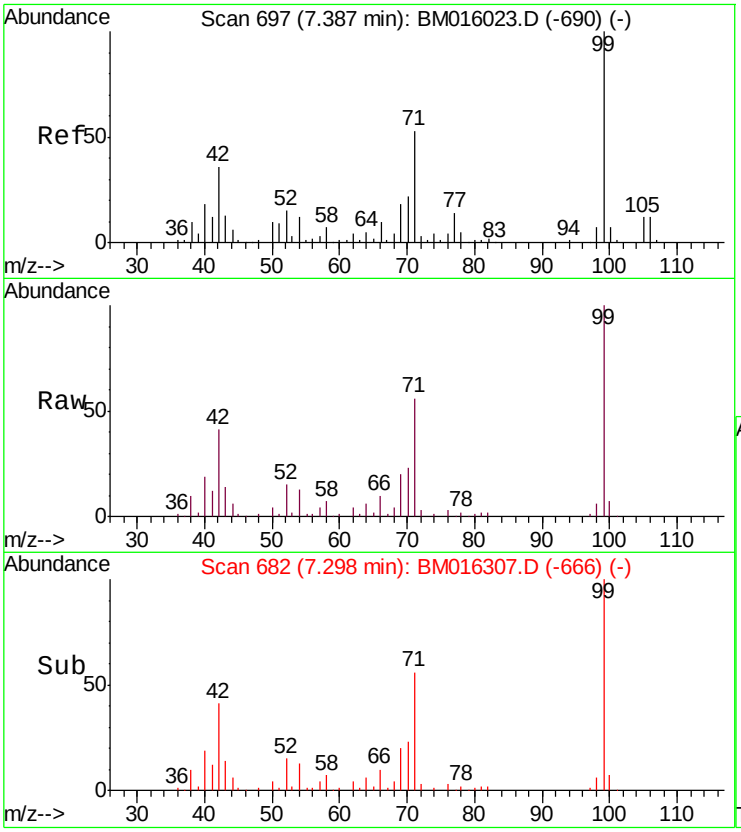


#5
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

Tgt Ion:112 Resp: 208880

Ion	Ratio	Lower	Upper
112	100		
64	64.3	38.6	57.8#
63	47.5	19.3	28.9#



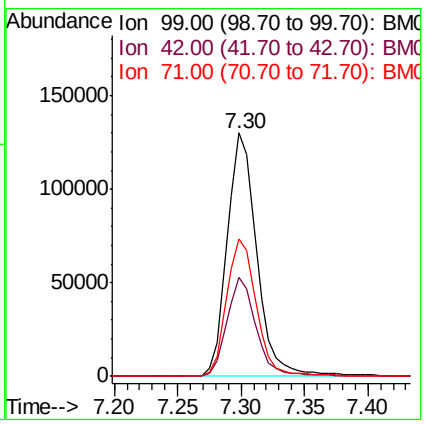


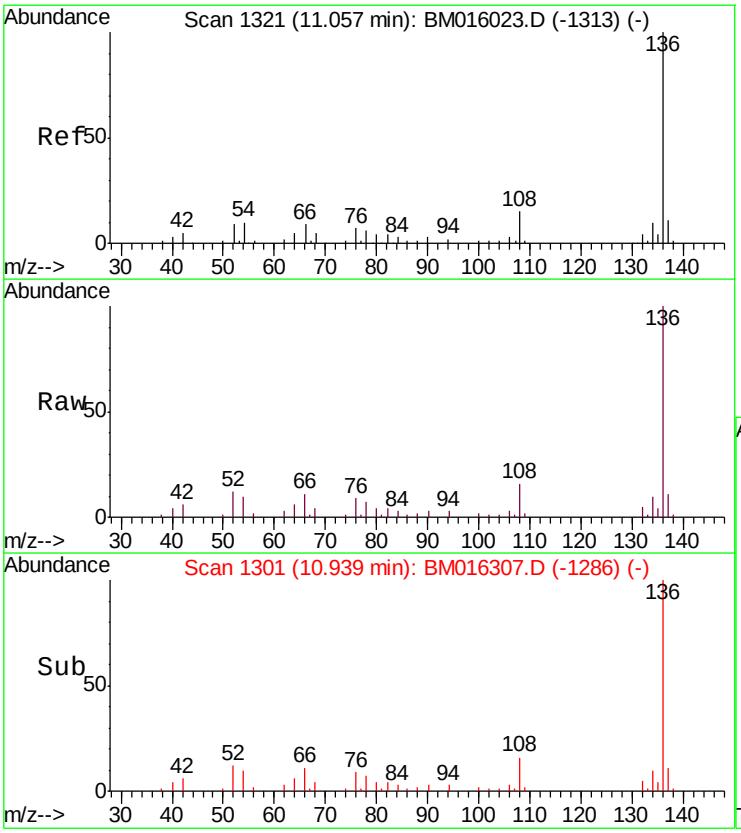
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

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

Tgt Ion: 99 Resp: 209031

Ion	Ratio	Lower	Upper
99	100		
42	40.5	11.0	16.4#
71	56.3	23.4	35.2#

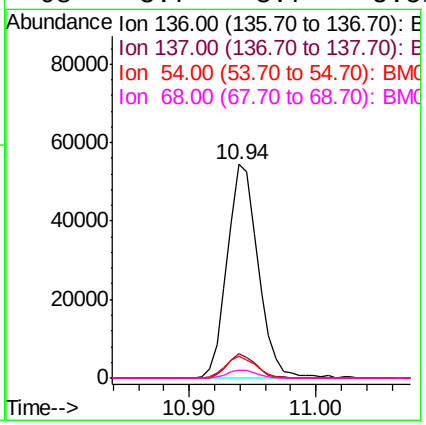


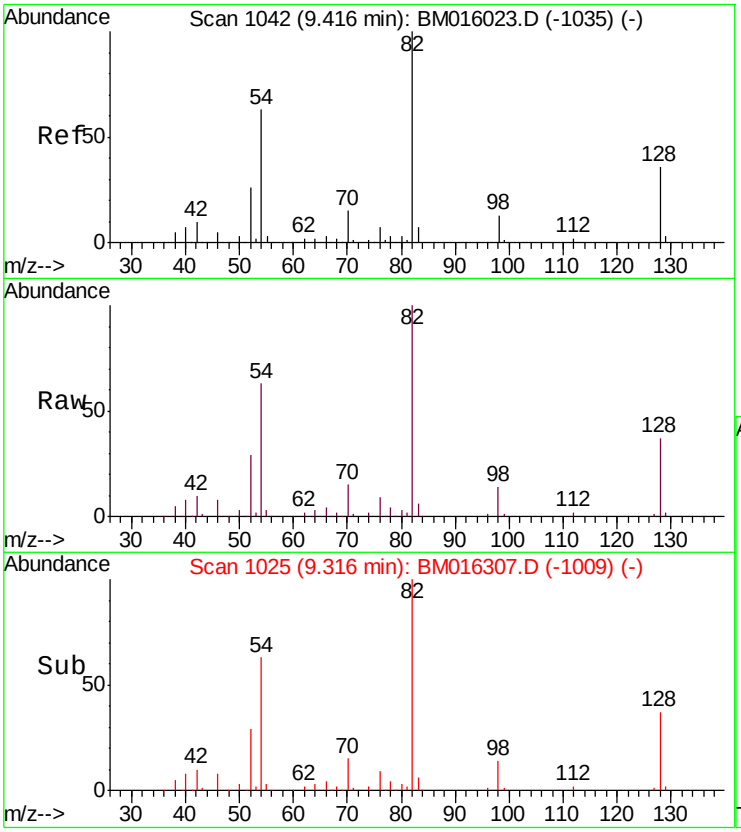


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

Tgt Ion:136 Resp: 91925

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.3	4.6	6.8#
68	3.7	3.7	5.5#



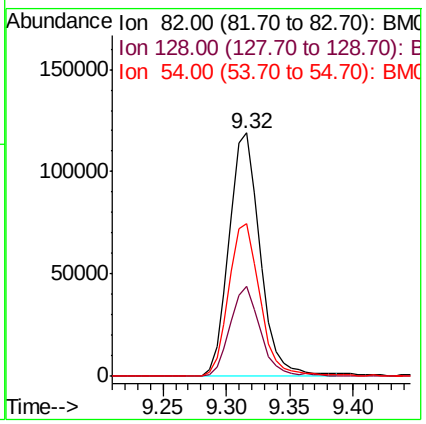


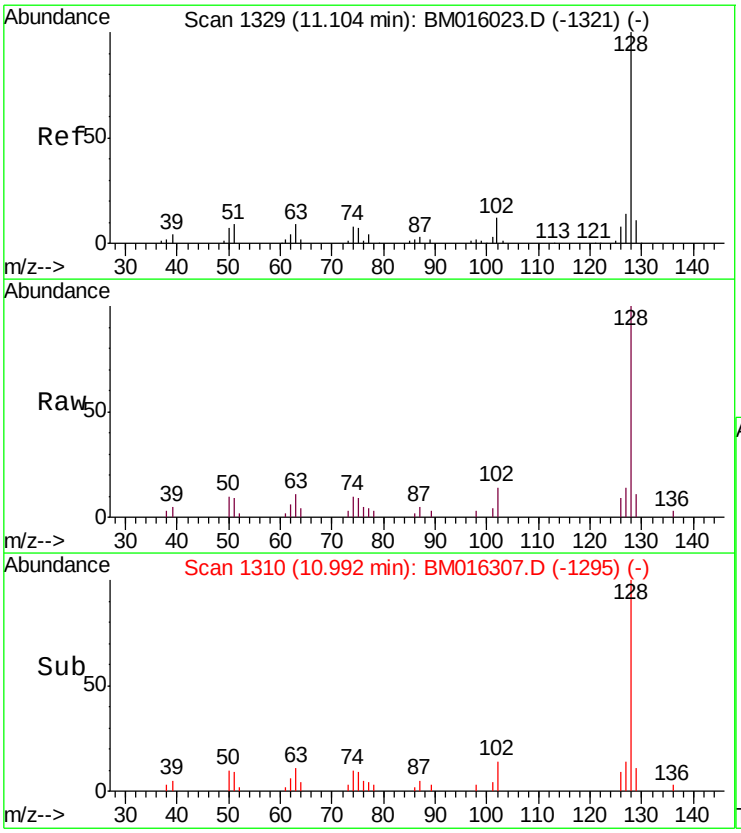
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

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

Tgt Ion: 82 Resp: 202676

Ion	Ratio	Lower	Upper
82	100		
128	37.0	32.8	49.2
54	63.0	40.6	60.8#

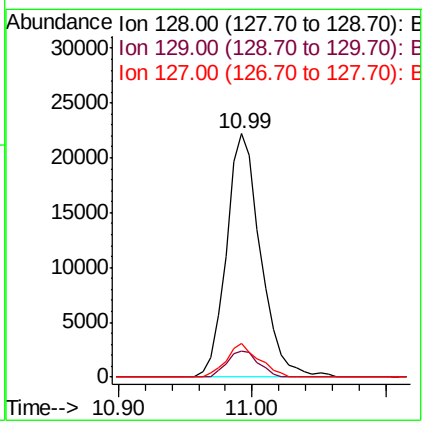


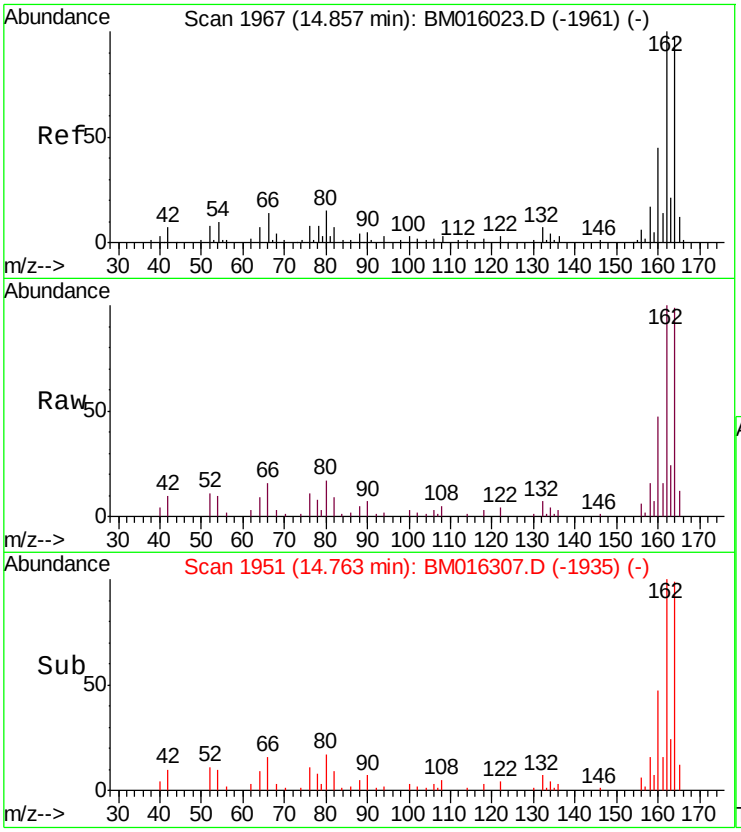


#31
Naphthalene
Concen: 8.551 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

Tgt Ion:128 Resp: 39785

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.7	10.4	15.6



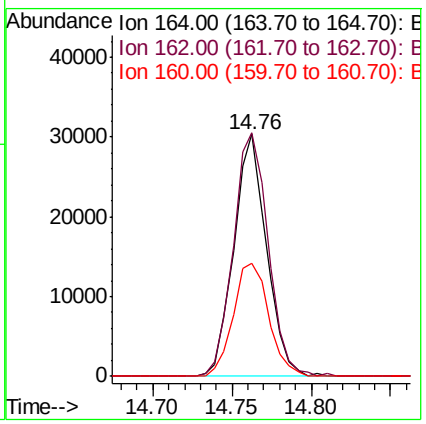


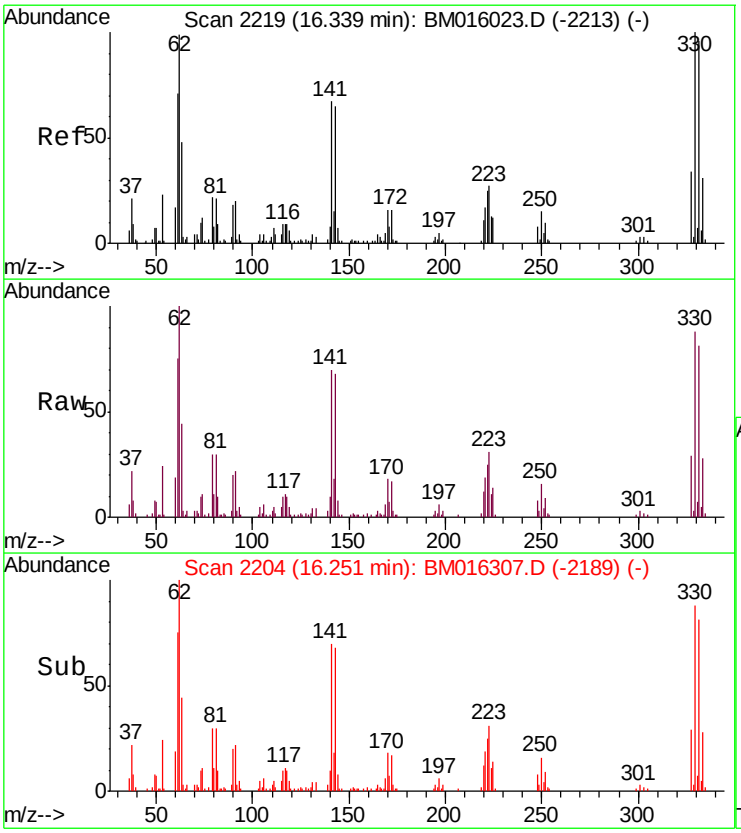
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

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

Tgt Ion:164 Resp: 43253

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.4	123.6
160	47.0	35.8	53.6

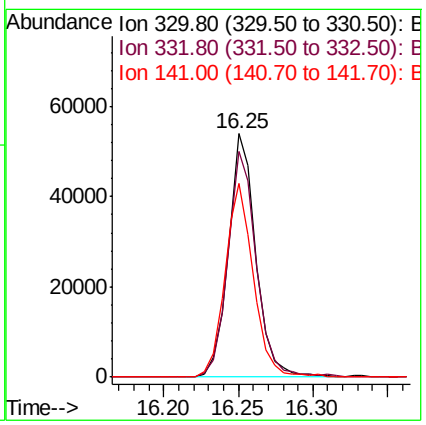


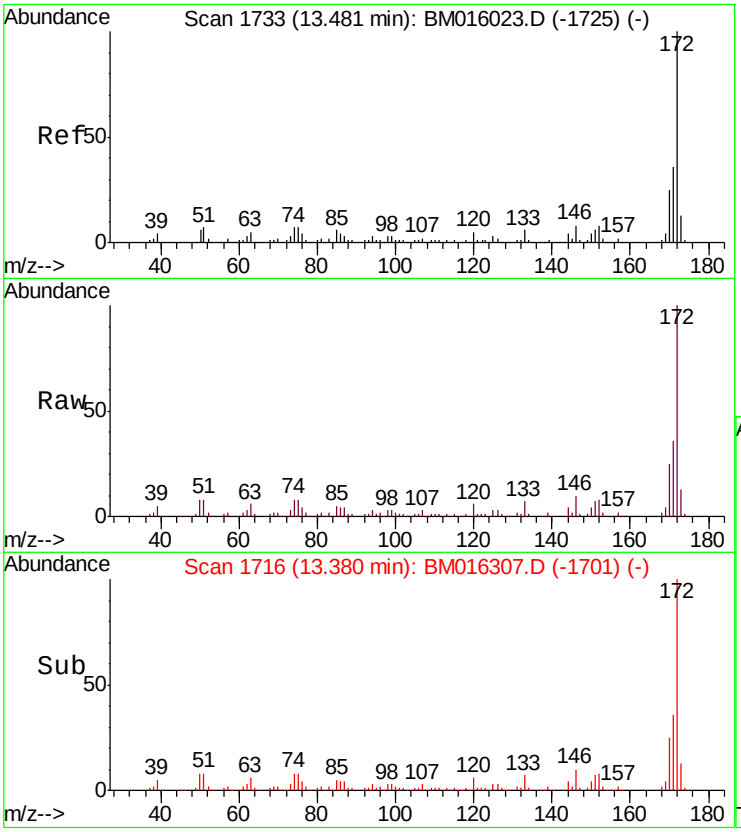


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.25 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

Tgt Ion:330 Resp: 69947

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	81.7	0.0	0.0#



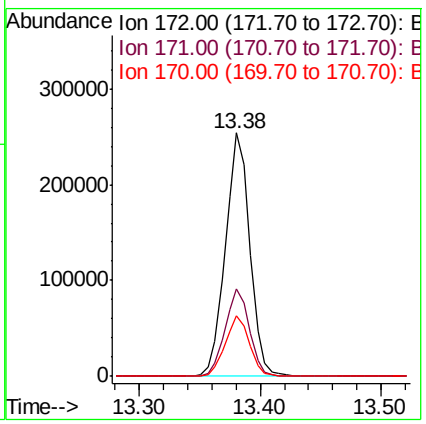


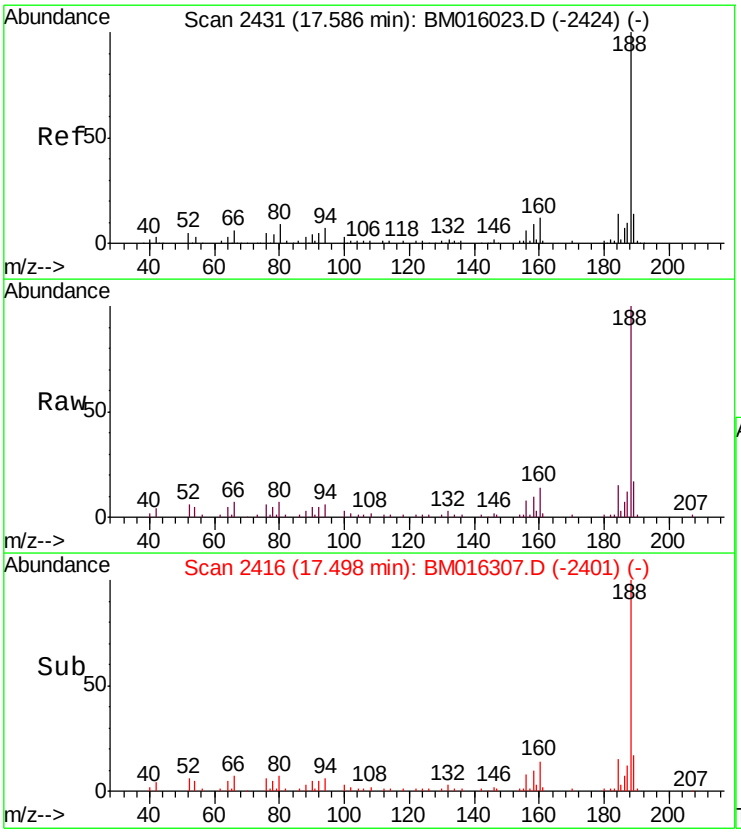
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.38 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

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

Tgt Ion:172 Resp: 356661

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.7	18.8	28.2

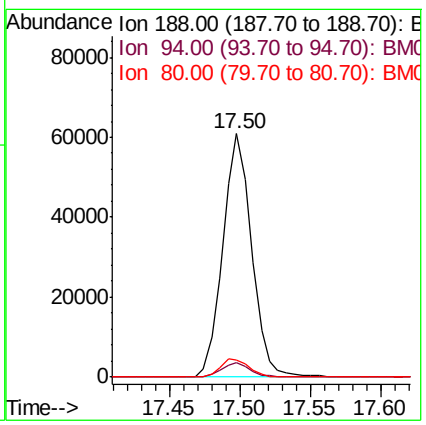


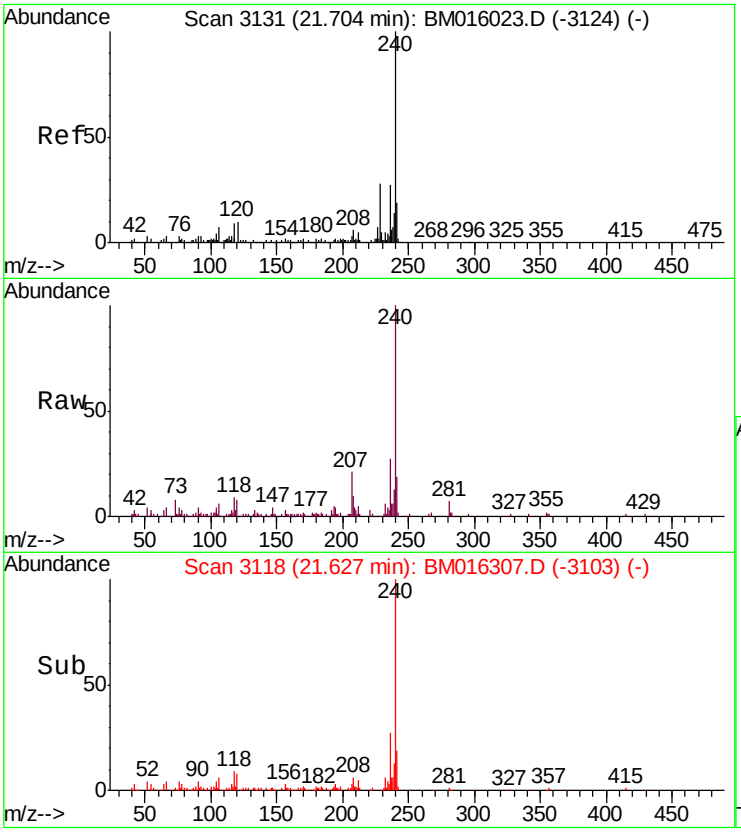


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

Tgt Ion:188 Resp: 86364

Ion	Ratio	Lower	Upper
188	100		
94	5.7	8.7	13.1#
80	7.1	9.3	13.9#



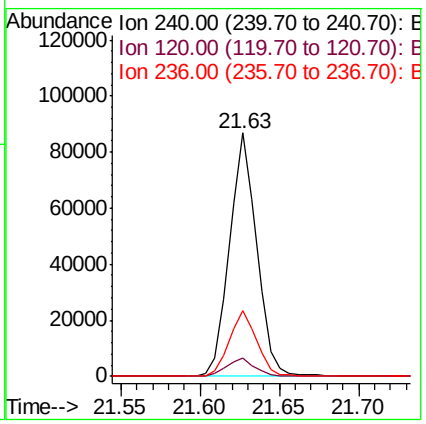


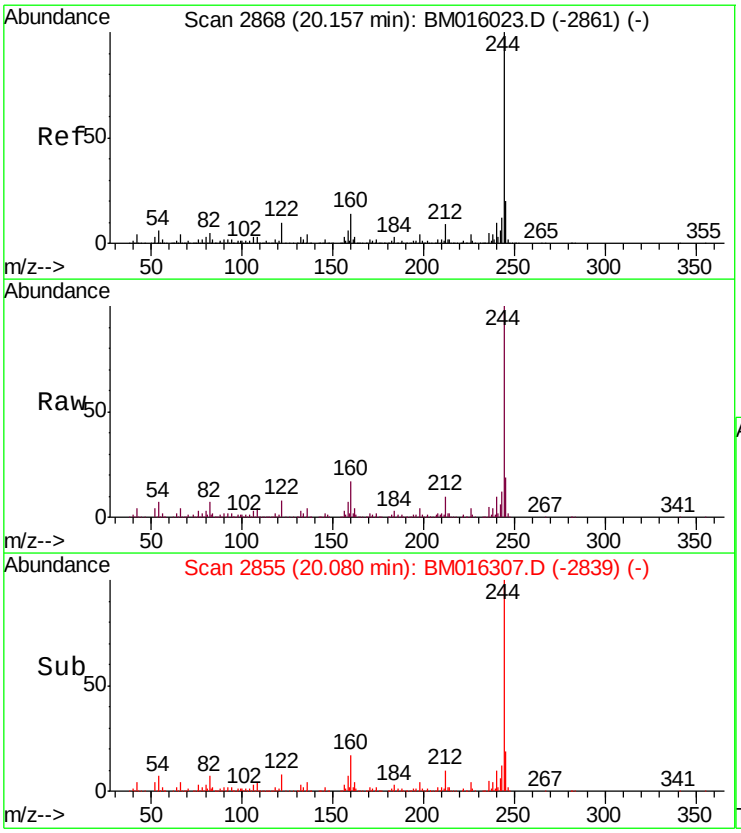
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

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

Tgt Ion:240 Resp: 103066

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.2	12.2#
236	27.2	20.0	30.0

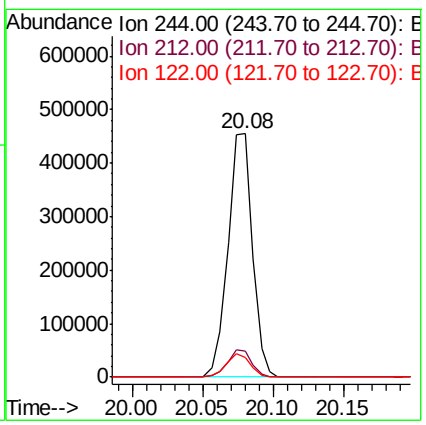


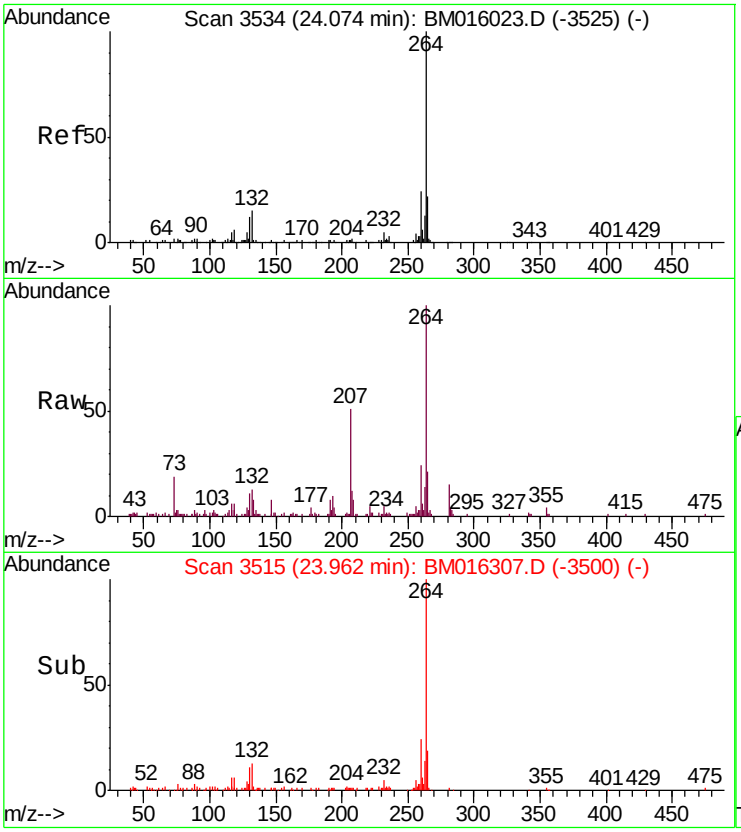


#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.08 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

Tgt Ion:244 Resp: 547491

Ion	Ratio	Lower	Upper
244	100		
212	10.4	4.9	7.3#
122	8.3	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: BM016307.D
Acq: 10 Aug 2018 21:51

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

Tgt Ion:264 Resp: 121242

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.3	17.3	25.9