Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081018\
Data File : BM016305.D
Acq On : 10 Aug 2018 20:38
Operator : SJ/JU
Sample : J4271-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 11 04:19:40 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	30685	20.00 ng	0.00
21) Naphthalene-d8	10.95	136	105923	20.00 ng	0.00
38) Acenaphthene-d10	14.76	164	50638	20.00 ng	0.00
63) Phenanthrene-d10	17.50	188	98924	20.00 ng	-0.01
75) Chrysene-d12	21.63	240	115496	20.00 ng	-0.01
86) Perylene-d12	23.96	264	133310	20.00 ng	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	5.66	112	252902	136.91 ng	0.00
7) Phenol-d6	7.30	99	258110	106.99 ng	0.00
23) Nitrobenzene-d5	9.32	82	235657	103.48 ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	83609	130.18 ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	409428	98.38 ng	-0.01
78) Terphenyl-d14	20.08	244	636083	115.29 ng	0.00
Target Compounds					Qvalue
15) Benzyl Alcohol	8.45	79	5251	2.734 ng	# 39

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

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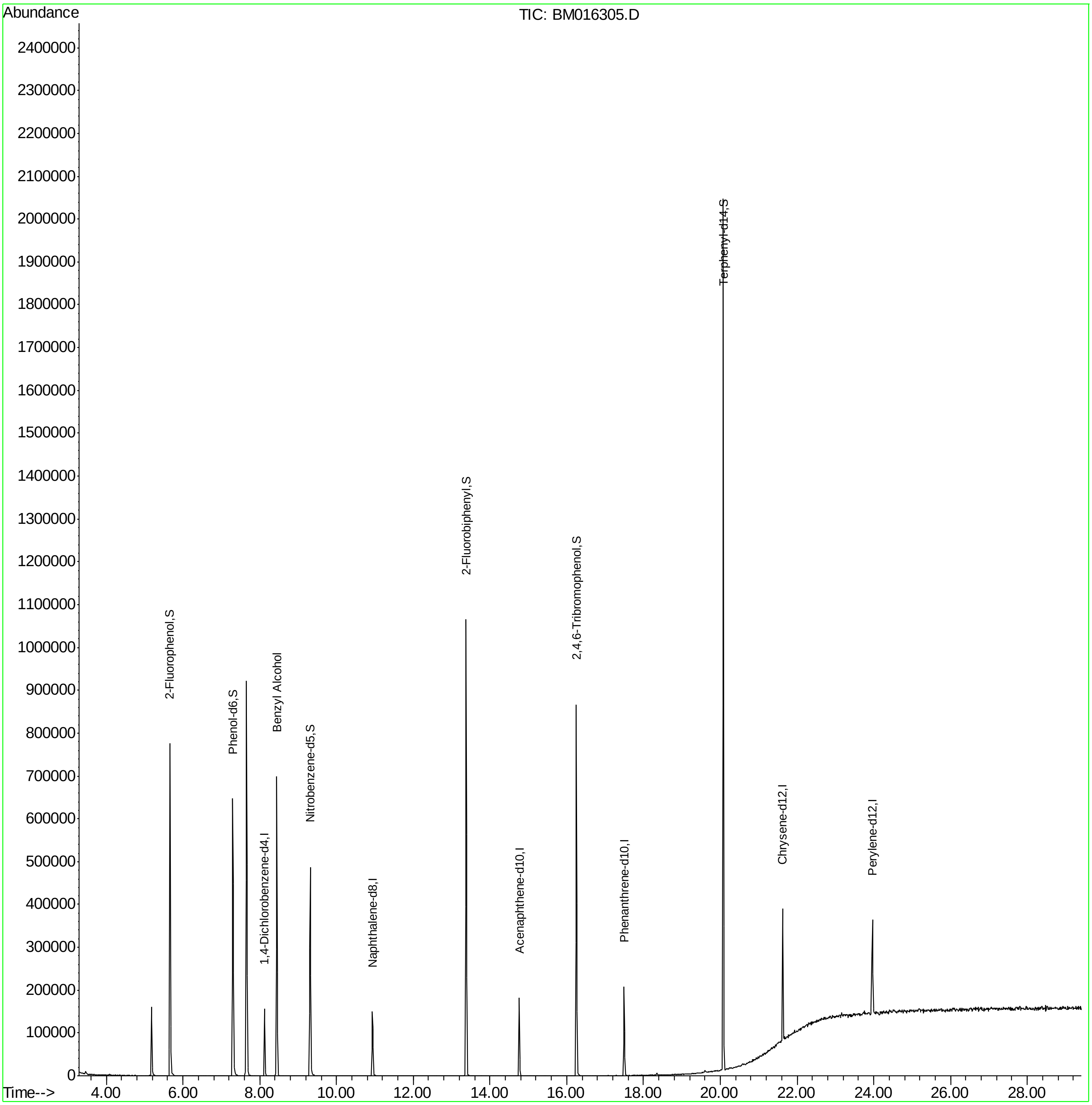
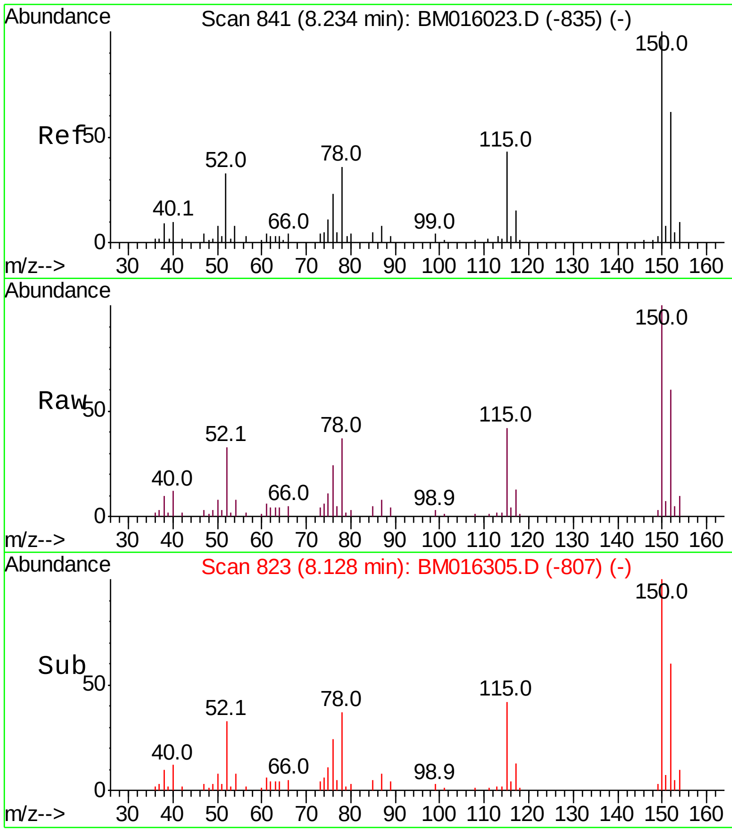
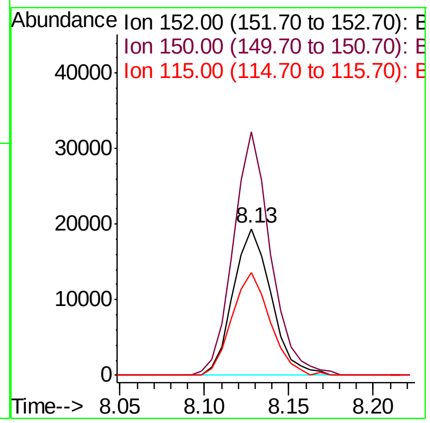


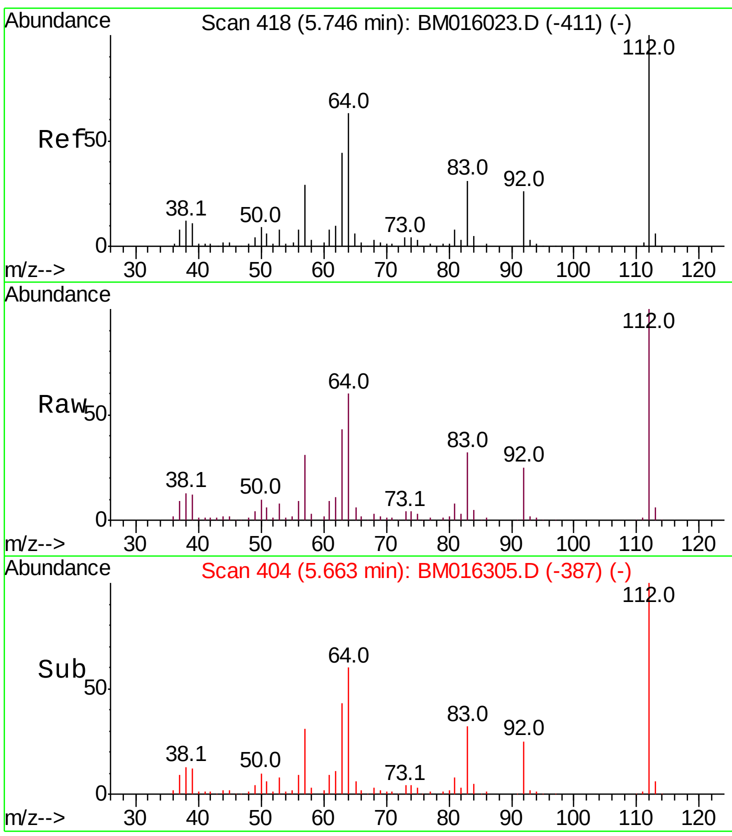



```
#1
1,4-Dichlorobenzene-d4
Concen:   20.000 ng
RT: 8.13 min   Scan# 823
Delta R.T.    -0.01 min
Lab File:   BM016305.D
Acq: 10 Aug 2018   20:38

Tgt Ion:152 Resp:    30685
Ion  Ratio  Lower  Upper
152  100
150  165.7  119.5  179.3
115   70.3   43.0   64.4#
```

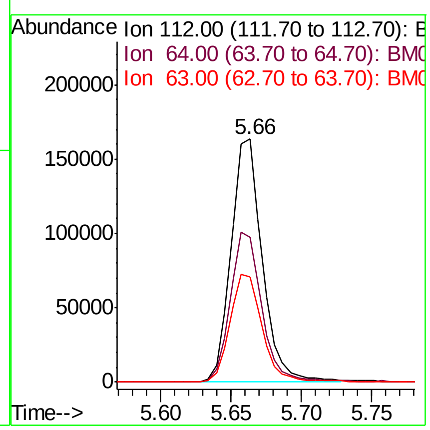
Instrument :
BNA_M
ClientSampleId :

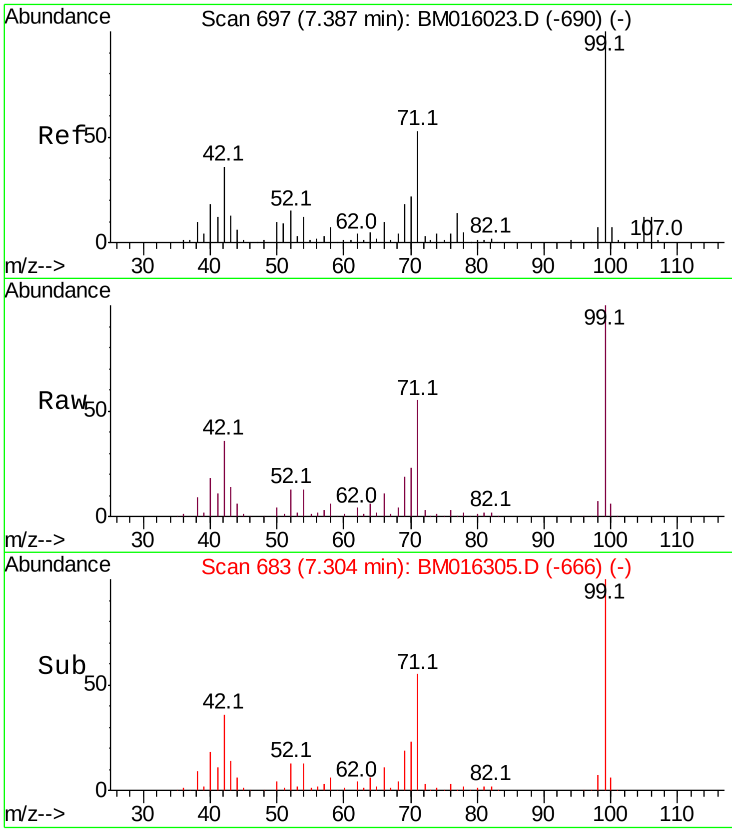





```
#5
2-Fluorophenol
Concen:   Below ng
RT: 5.66 min   Scan# 404
Delta R.T.    0.00 min
Lab File:   BM016305.D
Acq: 10 Aug 2018   20:38

Tgt Ion:112 Resp:   252902
Ion  Ratio  Lower  Upper
112  100
 64   59.8   38.6   57.8#
 63   43.1   19.3   28.9#
```



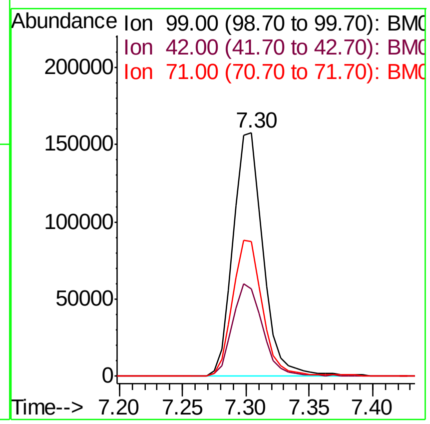


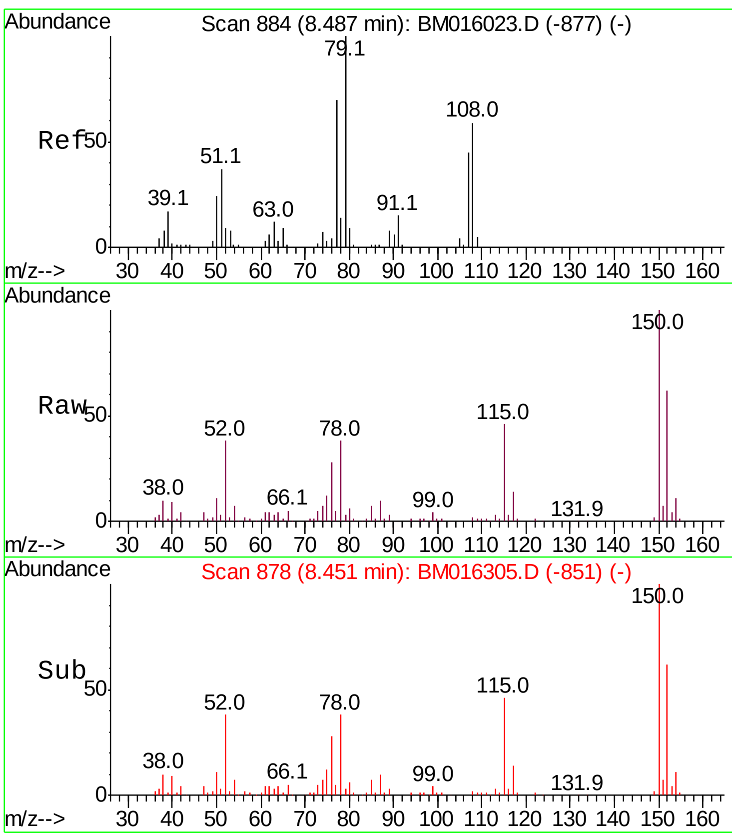
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 258110

Ion	Ratio	Lower	Upper
99	100		
42	36.0	11.0	16.4#
71	55.3	23.4	35.2#

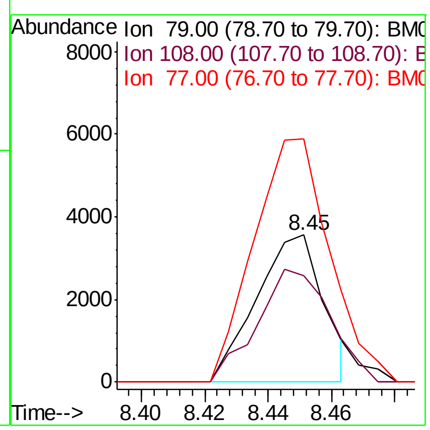


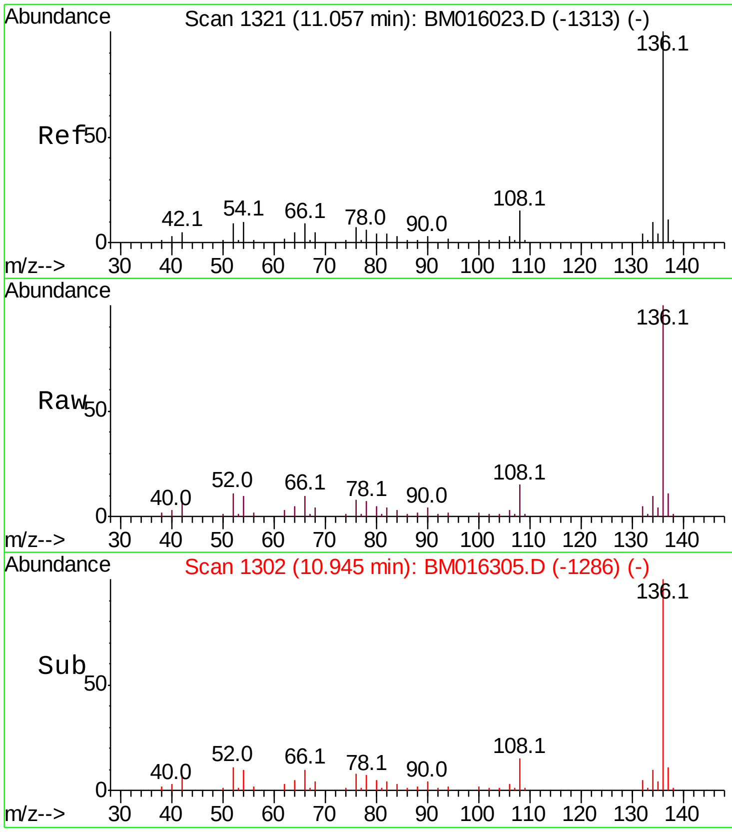


#15
Benzyl Alcohol
Concen: 2.734 ng
RT: 8.45 min Scan# 878
Delta R.T. 0.06 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Tgt Ion: 79 Resp: 5251

Ion	Ratio	Lower	Upper
79	100		
108	72.4	65.0	97.4
77	165.5	53.0	79.6#



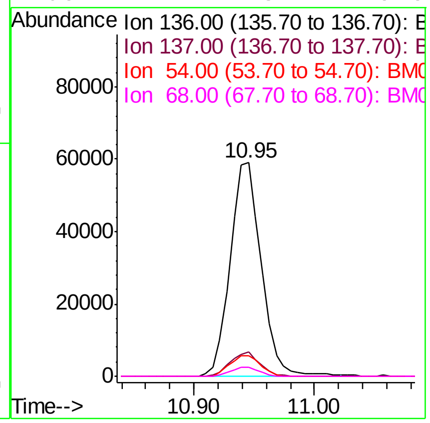


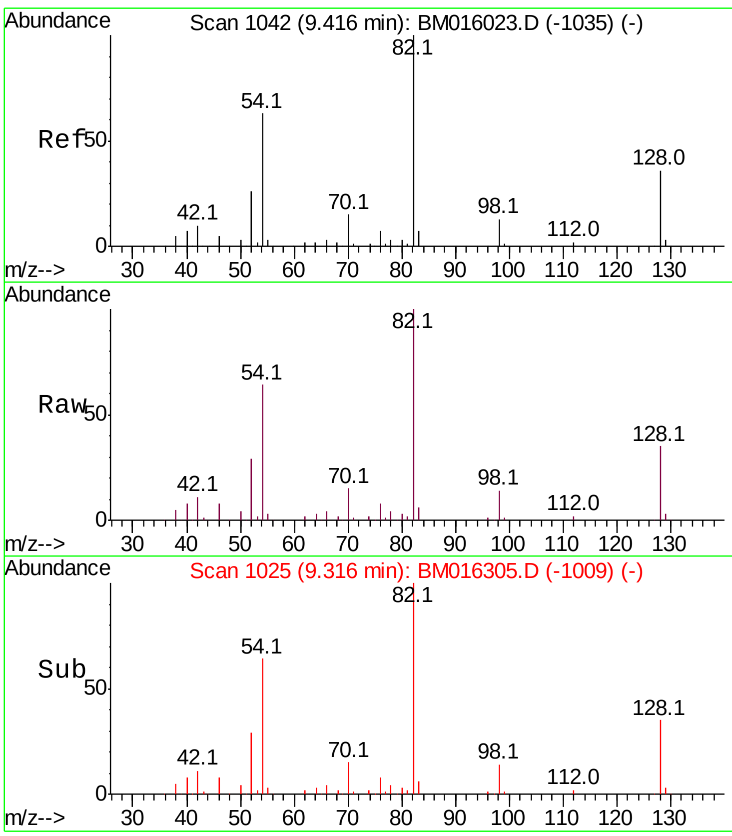
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 105923

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.5	4.6	6.8#
68	4.2	3.7	5.5

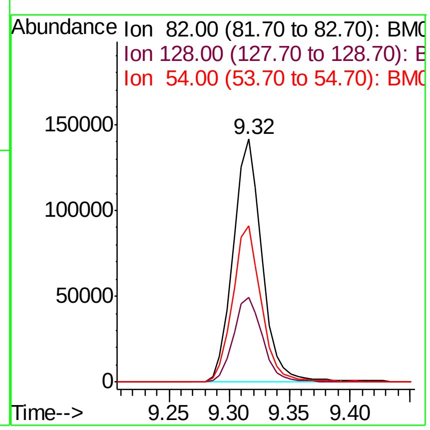


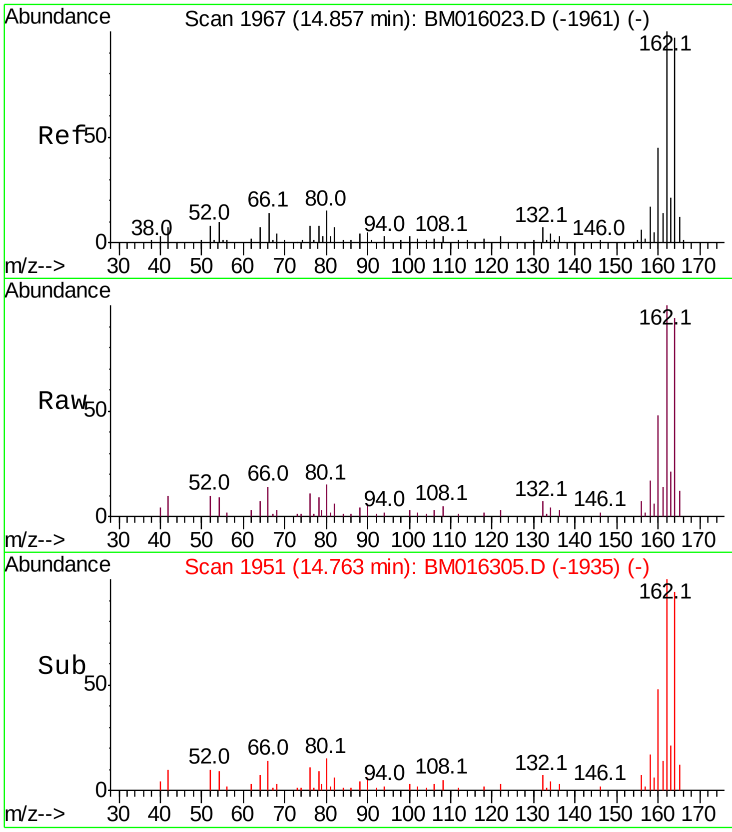


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Tgt Ion: 82 Resp: 235657

Ion	Ratio	Lower	Upper
82	100		
128	35.0	32.8	49.2
54	64.1	40.6	60.8#



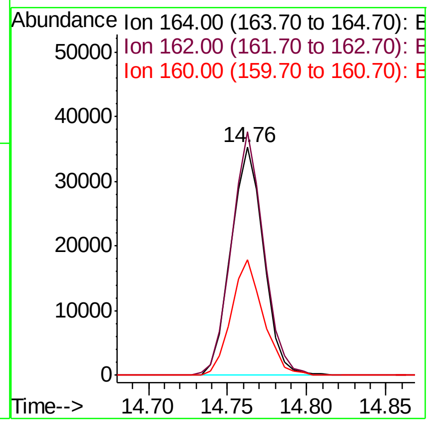


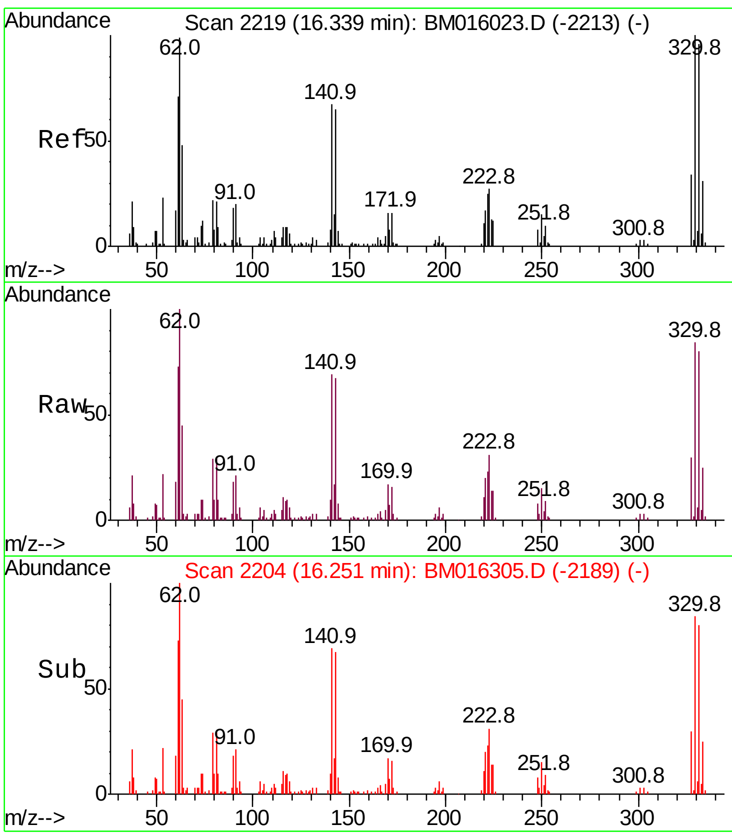
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 50638

Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.4	123.6
160	50.7	35.8	53.6

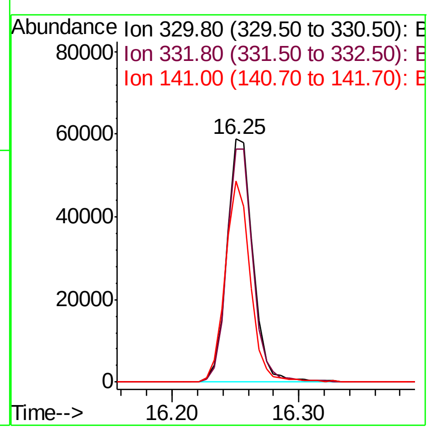


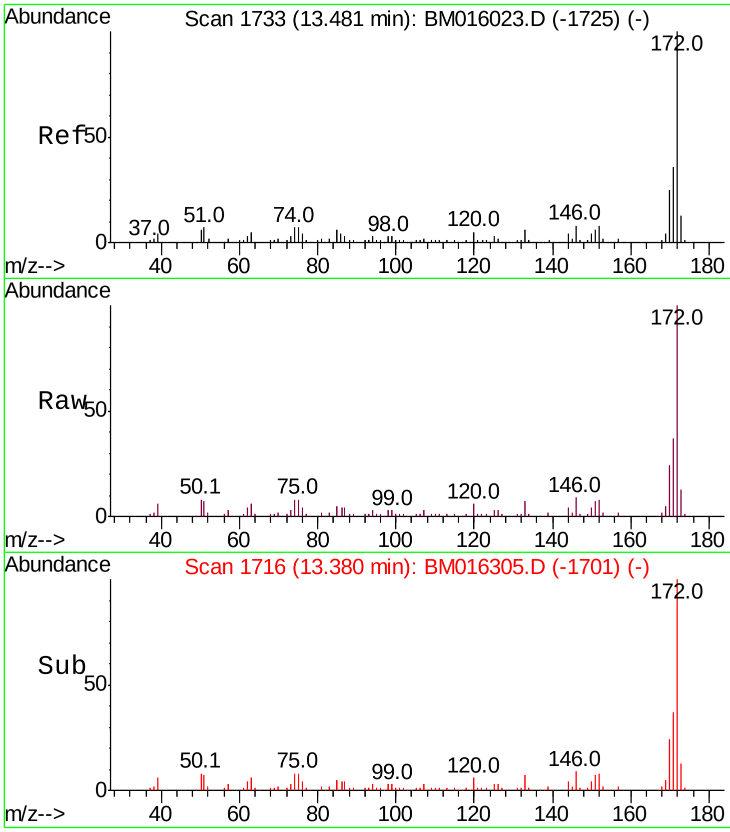


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.25 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Tgt Ion:330 Resp: 83609

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	80.2	0.0	0.0#



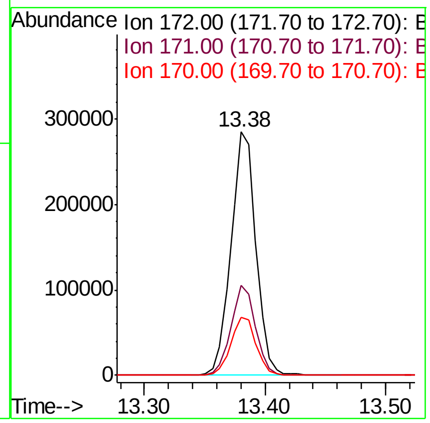


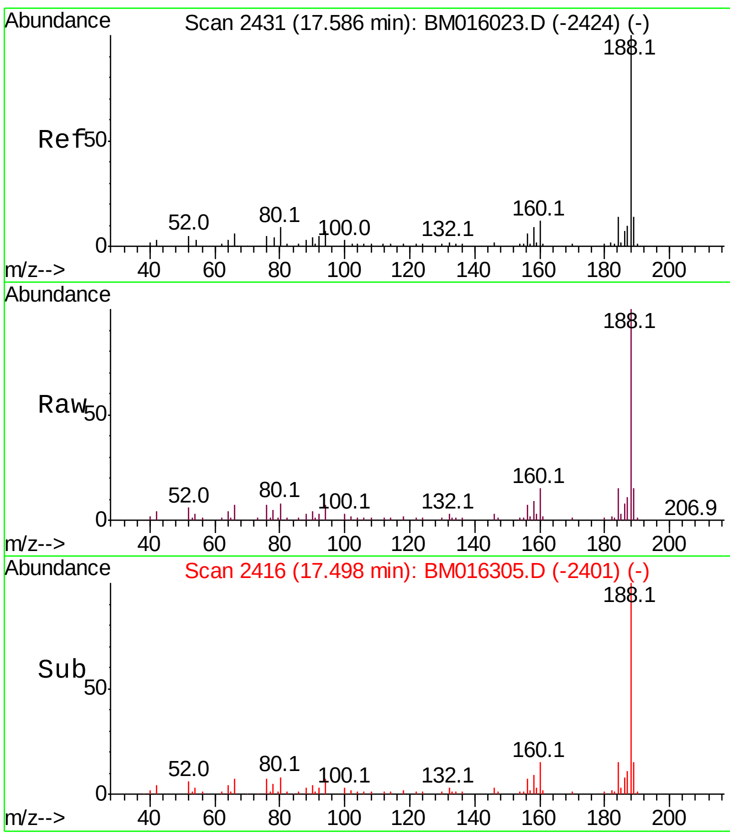
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.38 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 409428

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.5	42.7
170	24.0	18.8	28.2

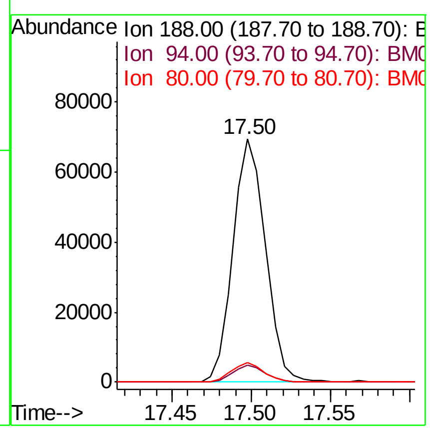


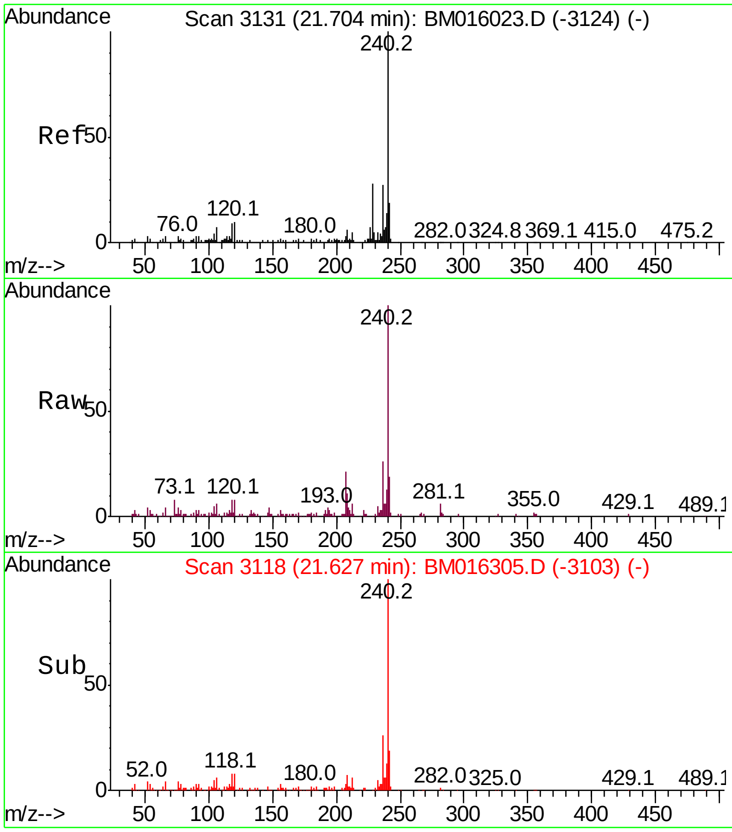


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Tgt Ion:188 Resp: 98924

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	7.8	9.3	13.9#



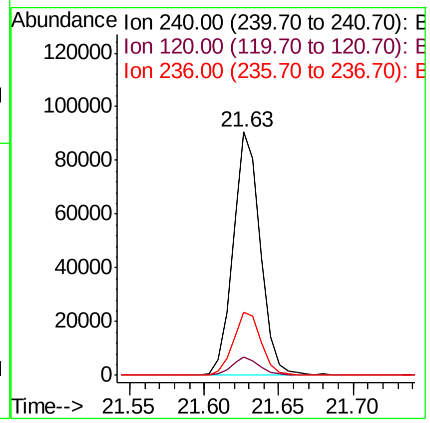


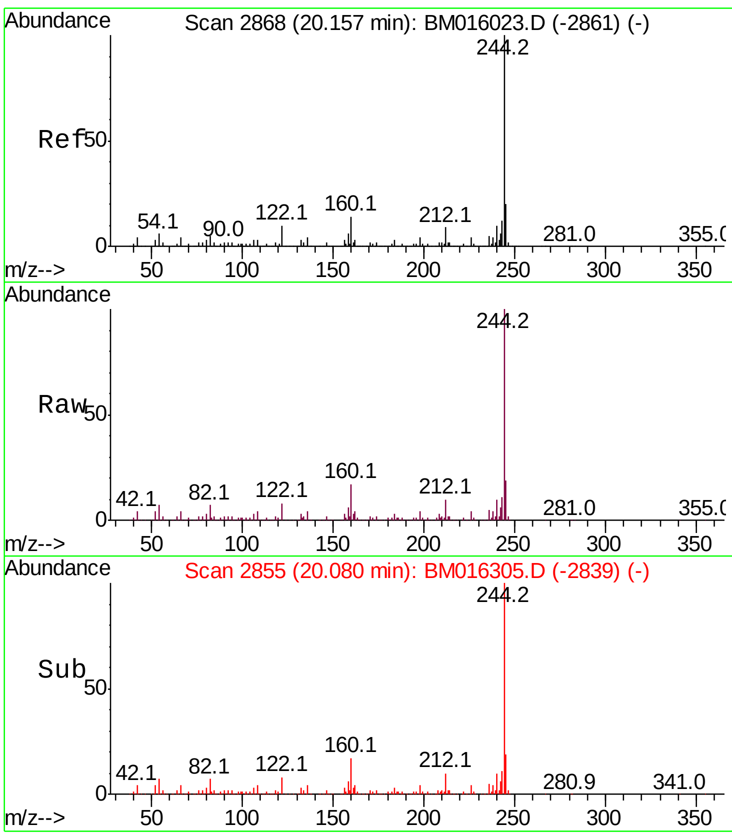
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 115496

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.2	12.2#
236	25.9	20.0	30.0

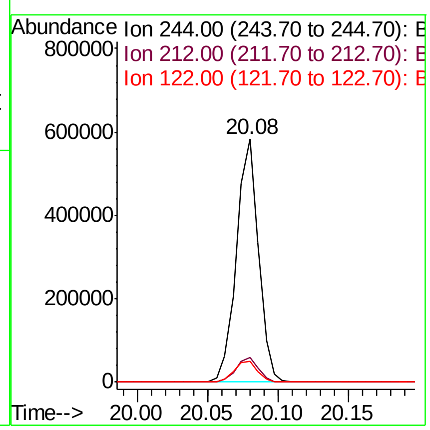


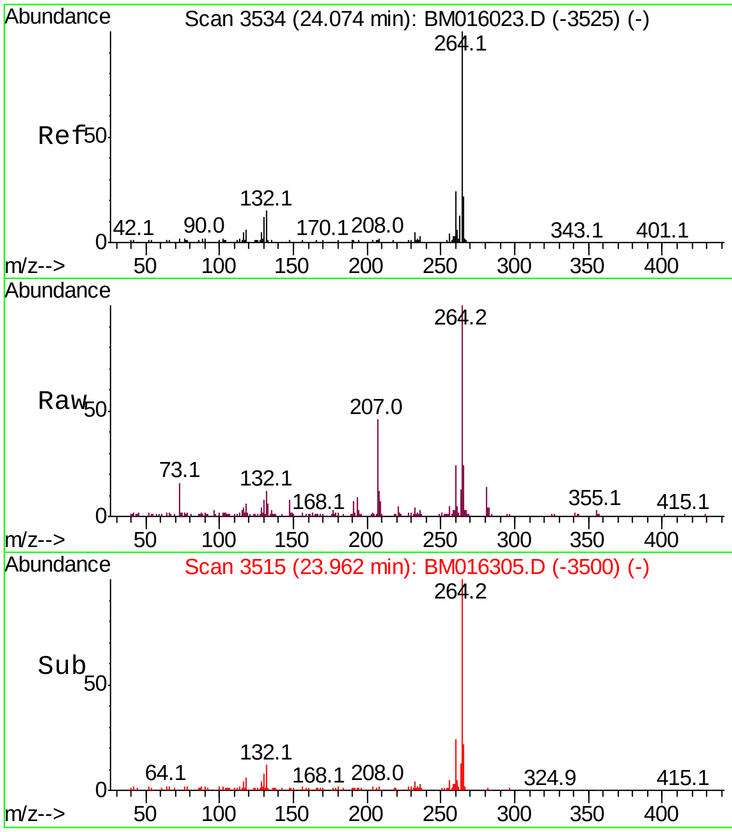


#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.08 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Tgt Ion:244 Resp: 636083

Ion	Ratio	Lower	Upper
244	100		
212	10.4	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: BM016305.D
Acq: 10 Aug 2018 20:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 133310

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	23.6	17.3	25.9