Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016265.D
Acq On : 09 Aug 2018 02:14
Operator : SJ/JU
Sample : J4247-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

Quant Time: Aug 09 05:31:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 16:23:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	35237	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	138260	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	71517	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	149338	20.00	ng	0.00
75) Chrysene-d12	21.63	240	149982	20.00	ng	0.00
86) Perylene-d12	23.97	264	165590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	17778	8.38	ng	0.00
7) Phenol-d6	7.31	99	21065	7.60	ng	0.00
23) Nitrobenzene-d5	9.33	82	15322	5.15	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	6514	7.18	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	35165	5.98	ng	0.00
78) Terphenyl-d14	20.09	244	45452	6.34	ng	0.00
Target Compounds						Qvalue

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

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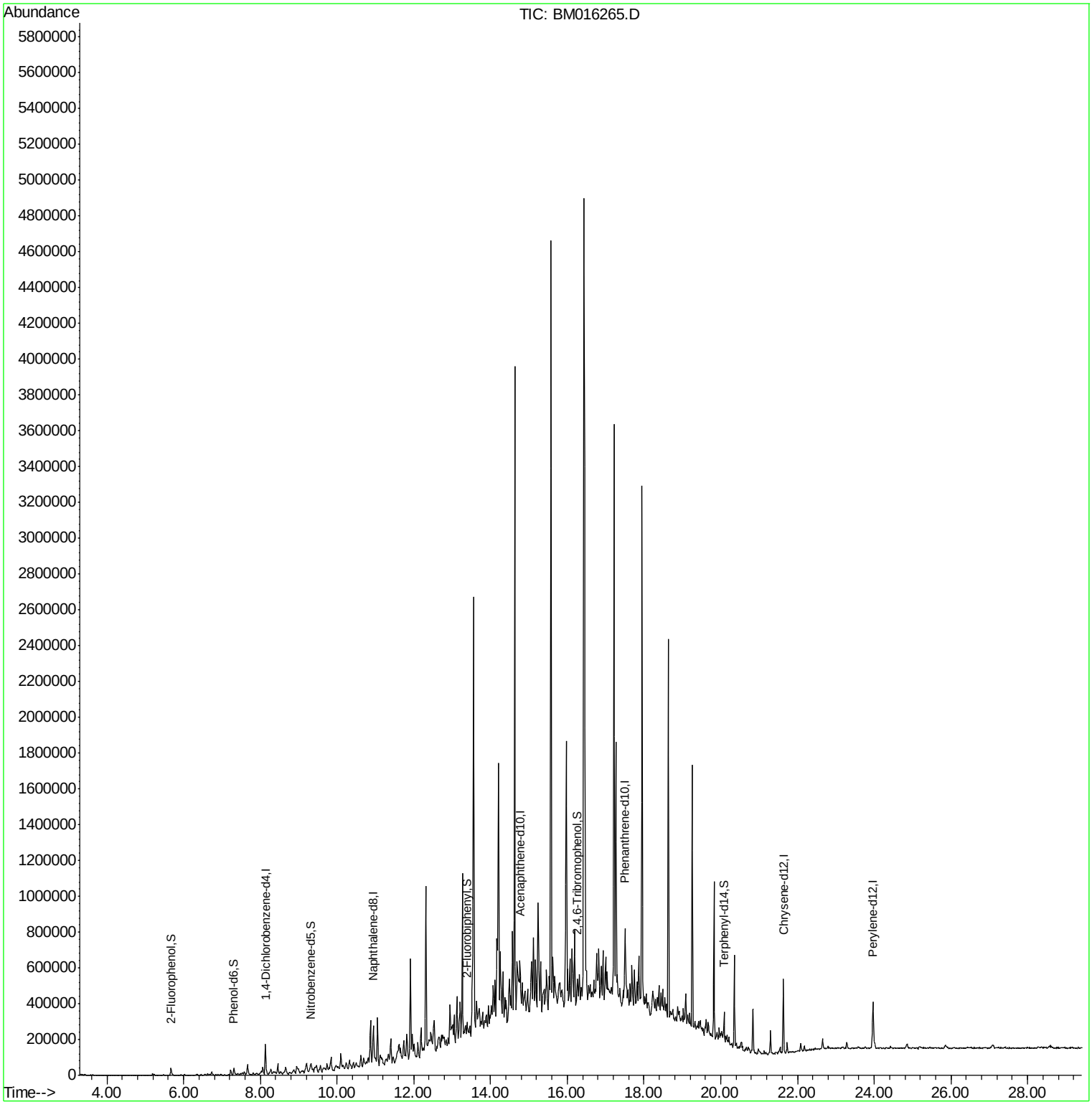
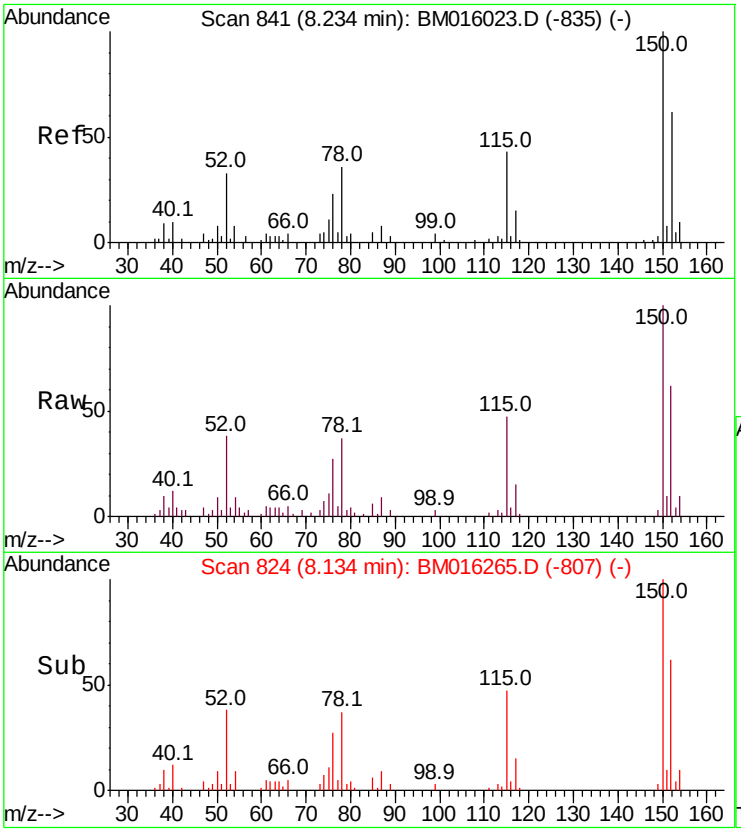


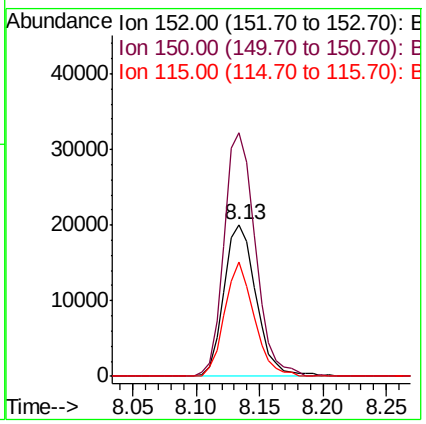


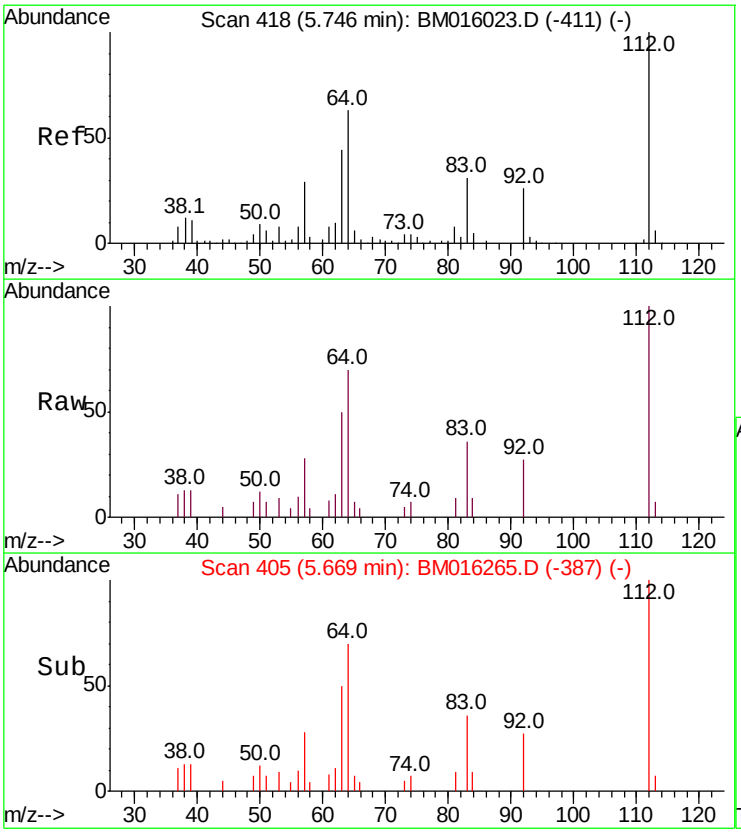
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Instrument :
BNA_M
ClientSampleId :
S-2

Tgt Ion:152 Resp: 35237

Ion	Ratio	Lower	Upper
152	100		
150	160.3	119.5	179.3
115	75.2	43.0	64.4#

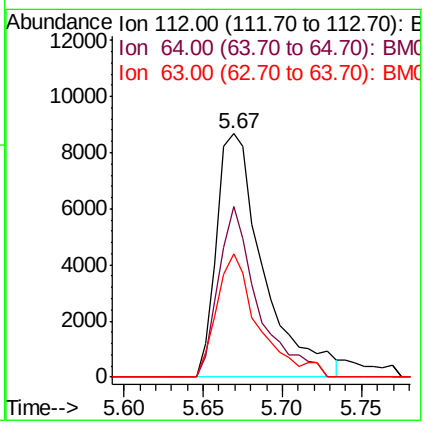


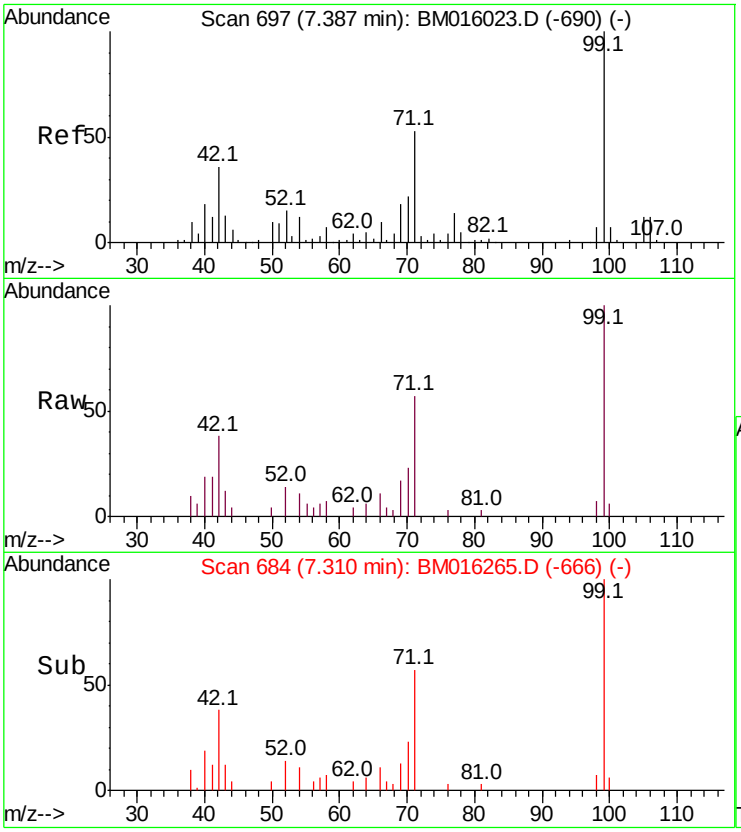


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.67 min Scan# 405
Delta R.T. 0.01 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Tgt Ion:112 Resp: 17778

Ion	Ratio	Lower	Upper
112	100		
64	70.0	38.6	57.8#
63	50.5	19.3	28.9#



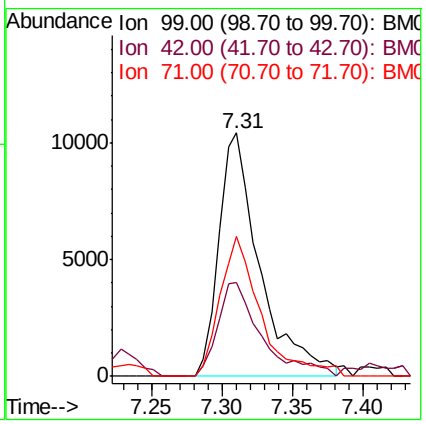


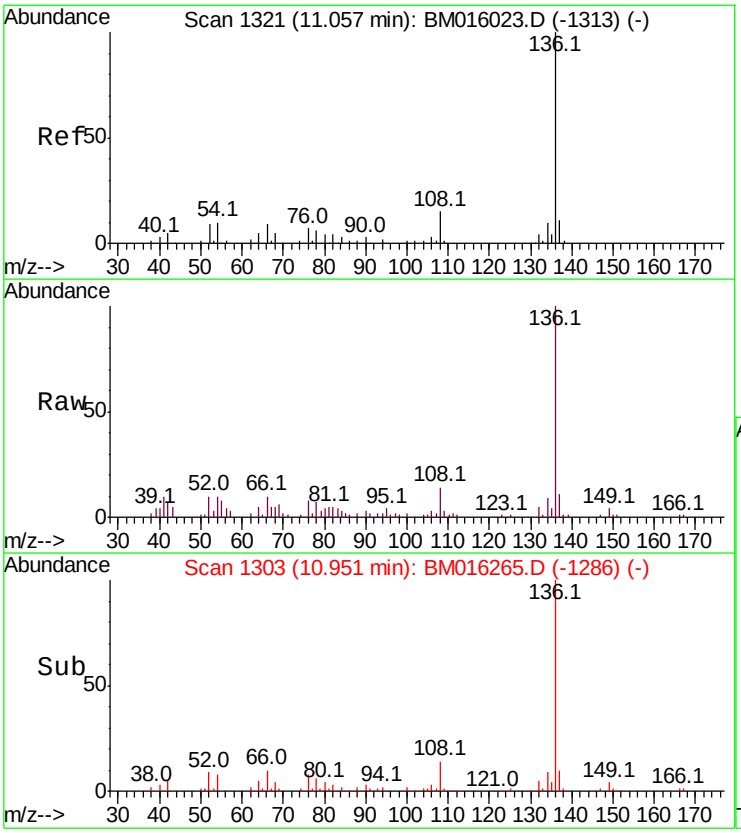
#7
Phenol-d6
Concen: N.D. ng
RT: 7.31 min Scan# 684
Delta R.T. 0.01 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Instrument :
BNA_M
ClientSampleId :
S-2

Tgt Ion: 99 Resp: 21065

Ion	Ratio	Lower	Upper
99	100		
42	38.5	11.0	16.4#
71	57.4	23.4	35.2#

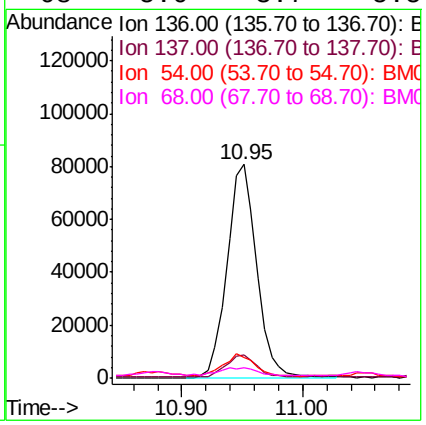


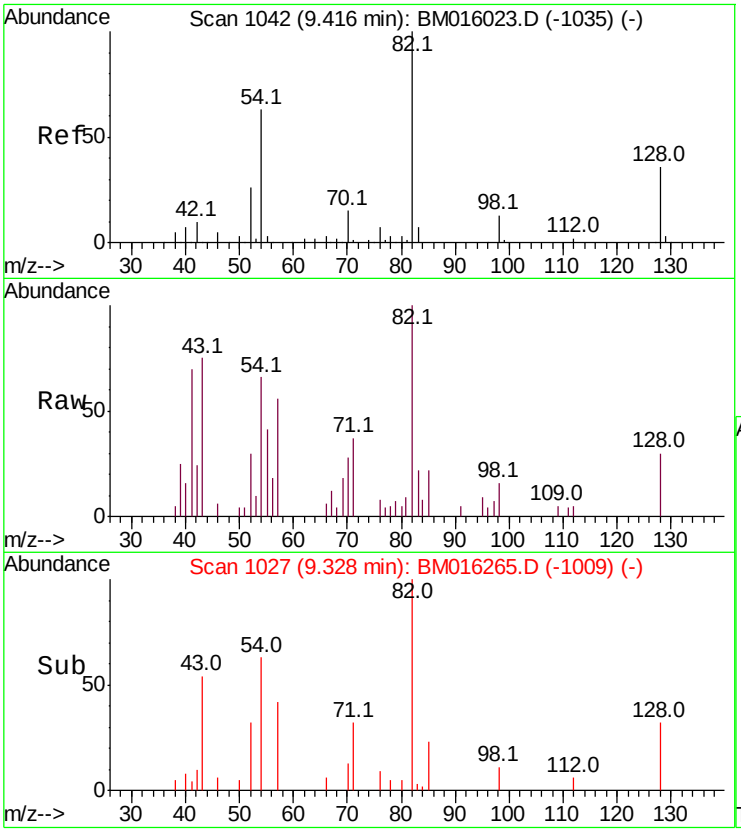


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Tgt Ion:136 Resp: 138260

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.7	4.6	6.8#
68	5.0	3.7	5.5



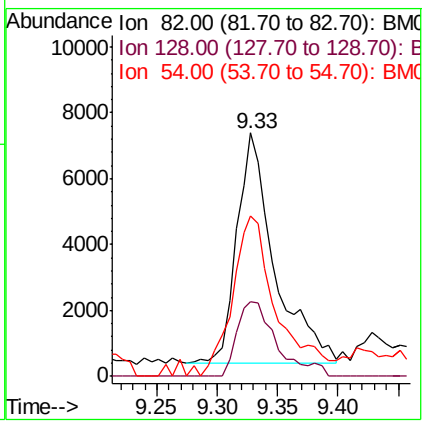


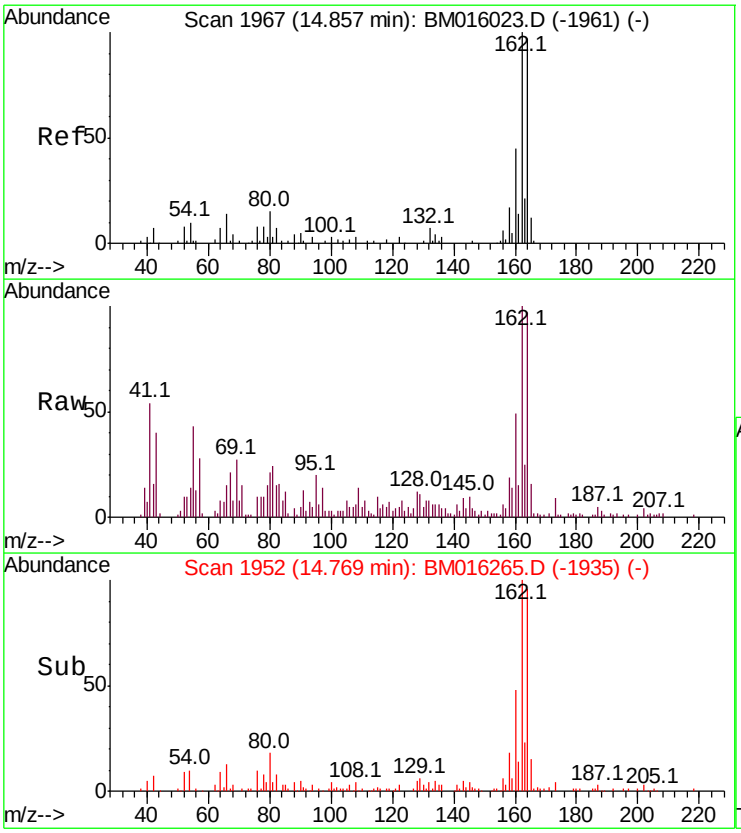
#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.33 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Instrument :
BNA_M
ClientSampleId :
S-2

Tgt Ion: 82 Resp: 15322

Ion	Ratio	Lower	Upper
82	100		
128	30.4	32.8	49.2#
54	65.8	40.6	60.8#

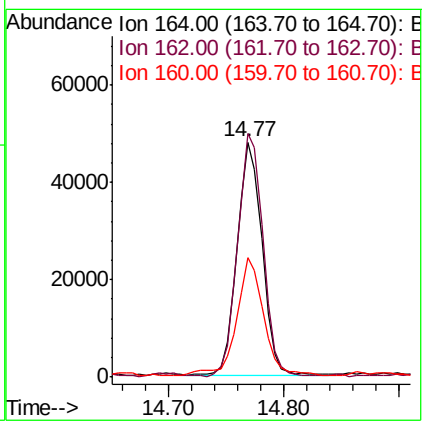


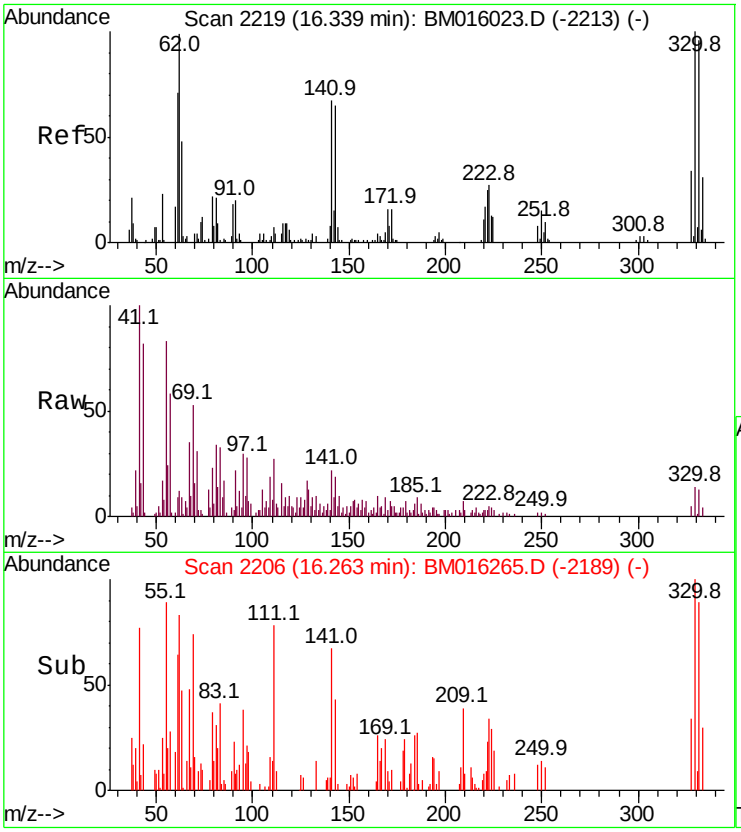


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Tgt Ion:164 Resp: 71517

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.4	123.6
160	50.9	35.8	53.6



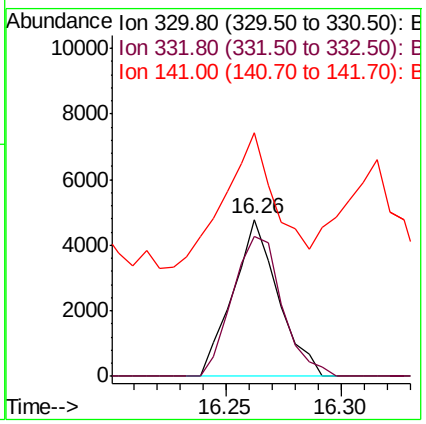


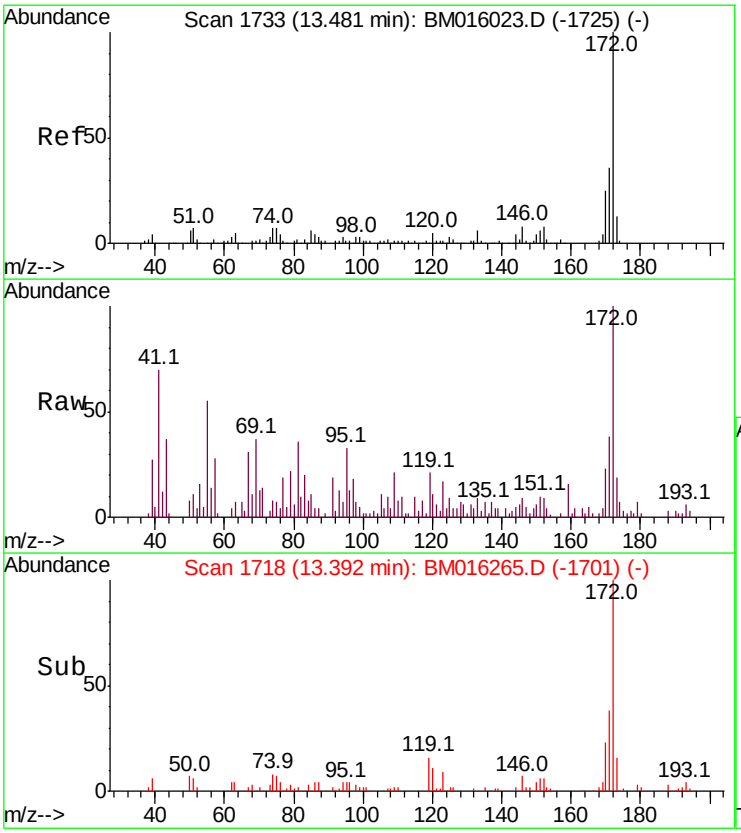
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Instrument :
BNA_M
ClientSampleId :
S-2

Tgt Ion:330 Resp: 6514

Ion	Ratio	Lower	Upper
330	100		
332	98.6	0.0	0.0#
141	98.3	0.0	0.0#

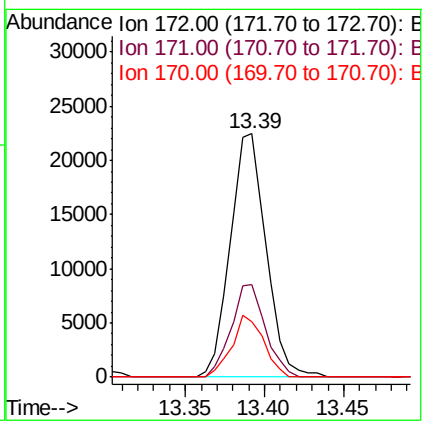


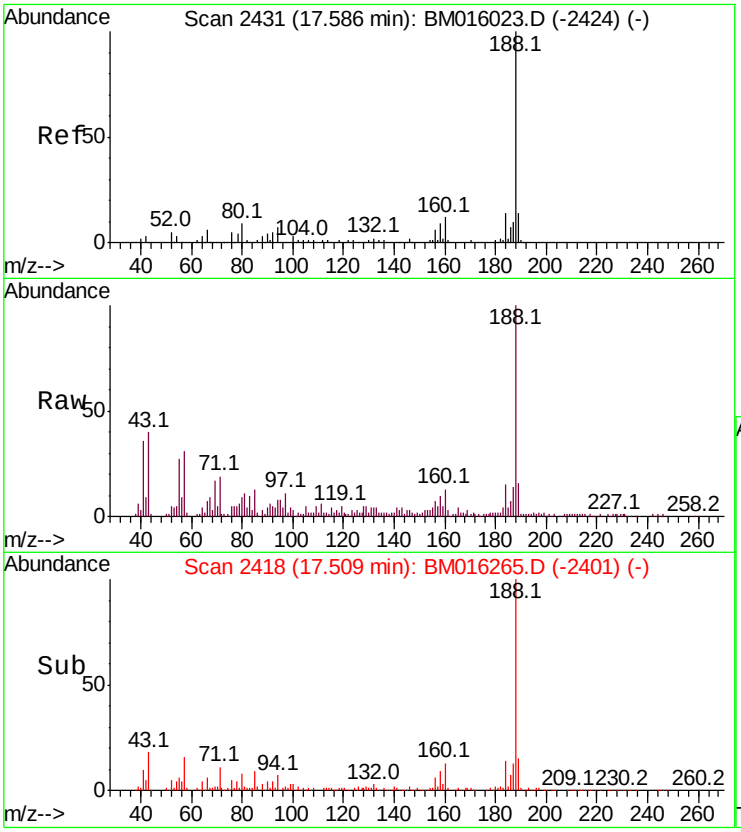


#44
2-Fluorobiphenyl
Concen: Below ng
RT: 13.39 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Tgt Ion:172 Resp: 35165

Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.5	42.7
170	22.6	18.8	28.2



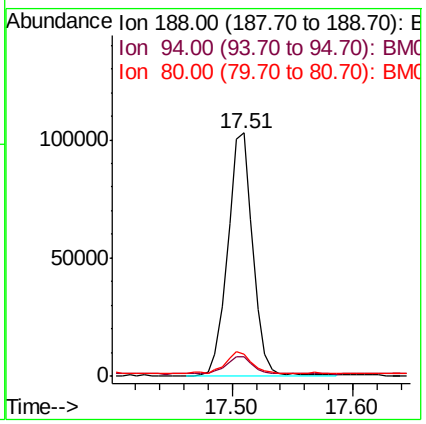


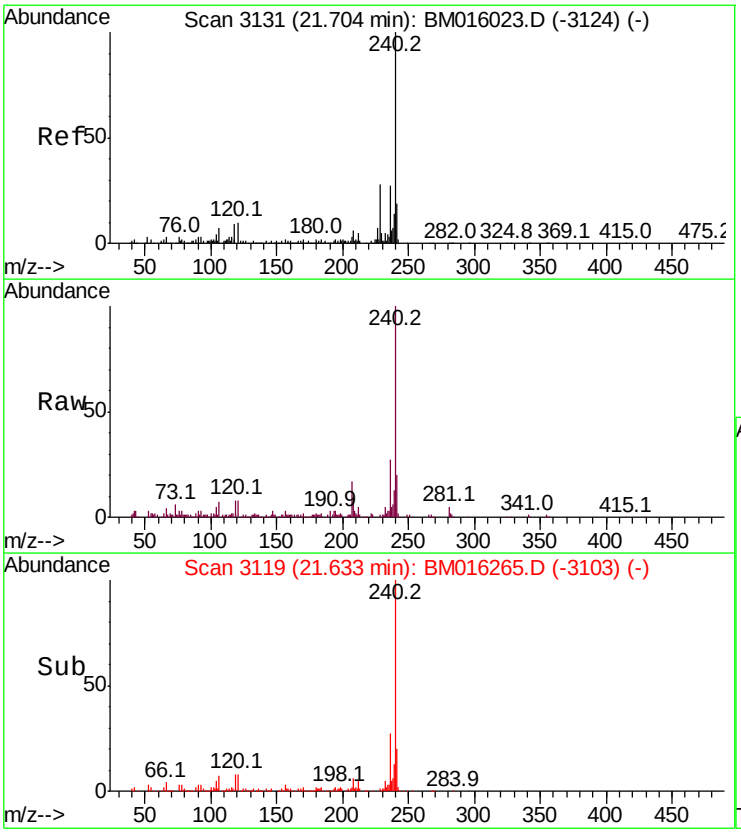
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Instrument :
BNA_M
ClientSampleId :
S-2

Tgt Ion:188 Resp: 149338

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.7	13.1#
80	8.9	9.3	13.9#

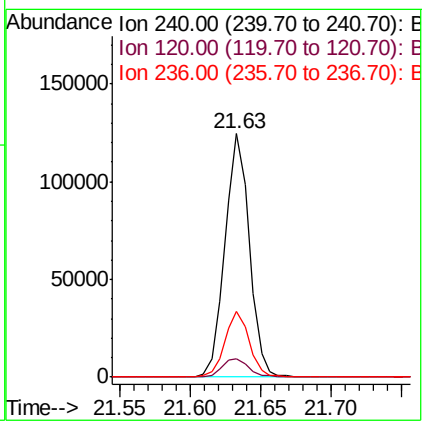


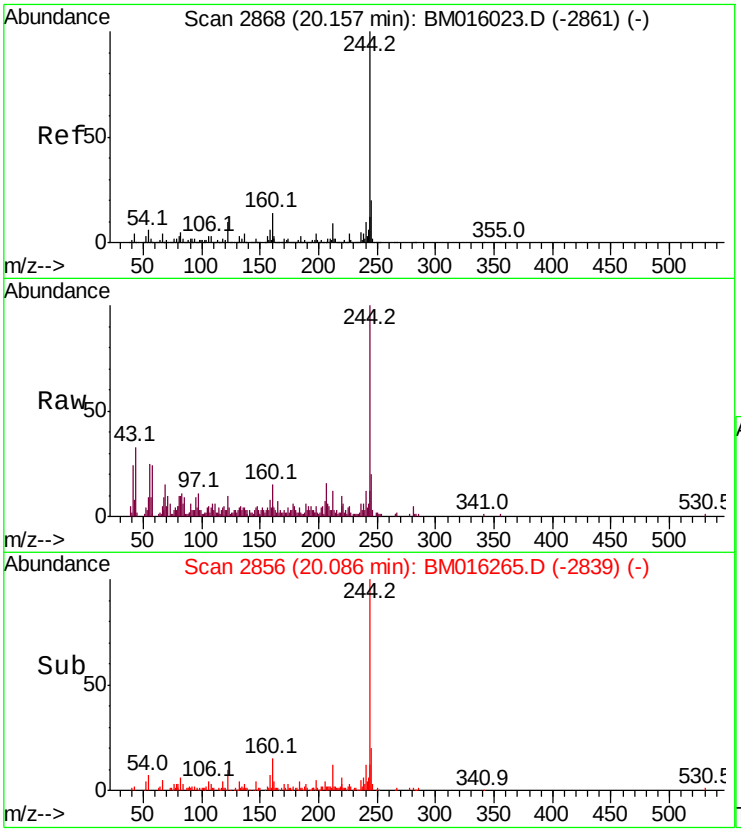


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Tgt Ion:240 Resp: 149982

Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.2	12.2#
236	27.1	20.0	30.0



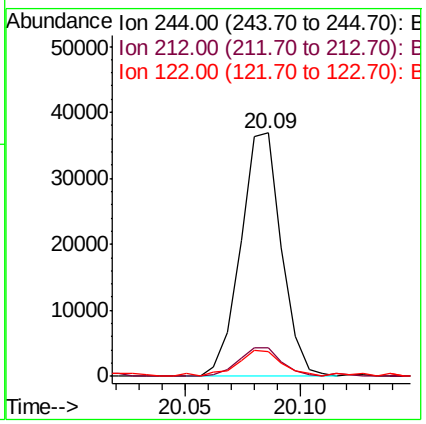


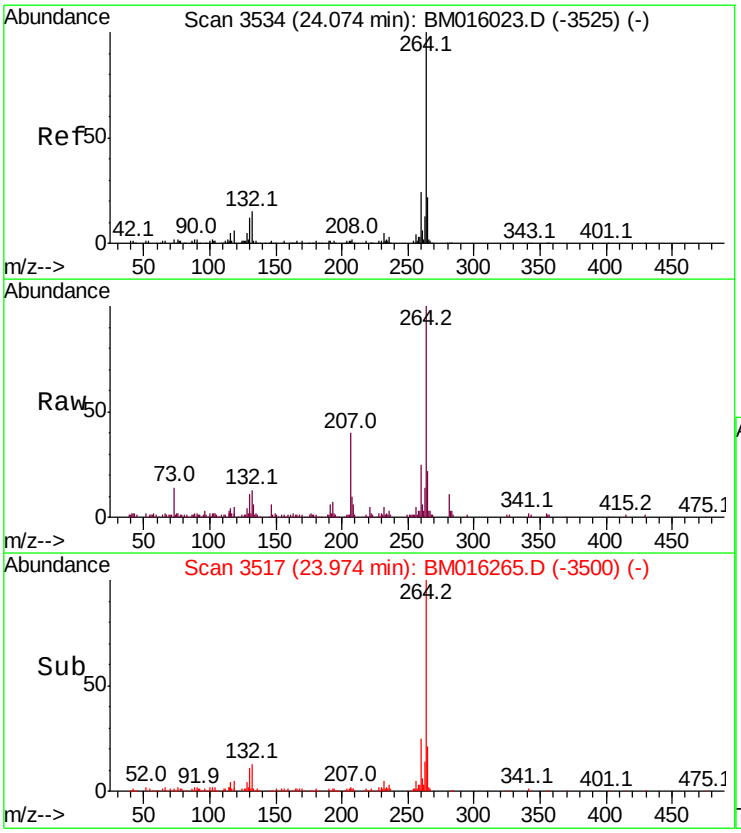
#78
Terphenyl-d14
Concen: Below ng
RT: 20.09 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Instrument :
BNA_M
ClientSampleId :
S-2

Tgt Ion:244 Resp: 45452

Ion	Ratio	Lower	Upper
244	100		
212	11.7	4.9	7.3#
122	10.2	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Tgt Ion:264 Resp: 165590

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	22.5	17.3	25.9