Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
Data File : BM015865.D
Acq On : 10 Jul 2018 05:31
Operator : SJ/JU
Sample : J3897-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : STOCK-PILE-A

Quant Time: Jul 10 07:03:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	64483	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	253413	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	148680	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	359989	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	376339	20.00	ng	-0.01
86) Perylene-d12	24.16	264	306560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	545815	145.16	ng	-0.01
7) Phenol-d6	7.45	99	634225	123.21	ng	-0.01
23) Nitrobenzene-d5	9.49	82	558454	107.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	341460	175.77	ng	-0.02
44) 2-Fluorobiphenyl	13.55	172	1210684	101.09	ng	-0.02
78) Terphenyl-d14	20.21	244	2412738	118.92	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	11.18	128	32867	2.502	ng	97

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

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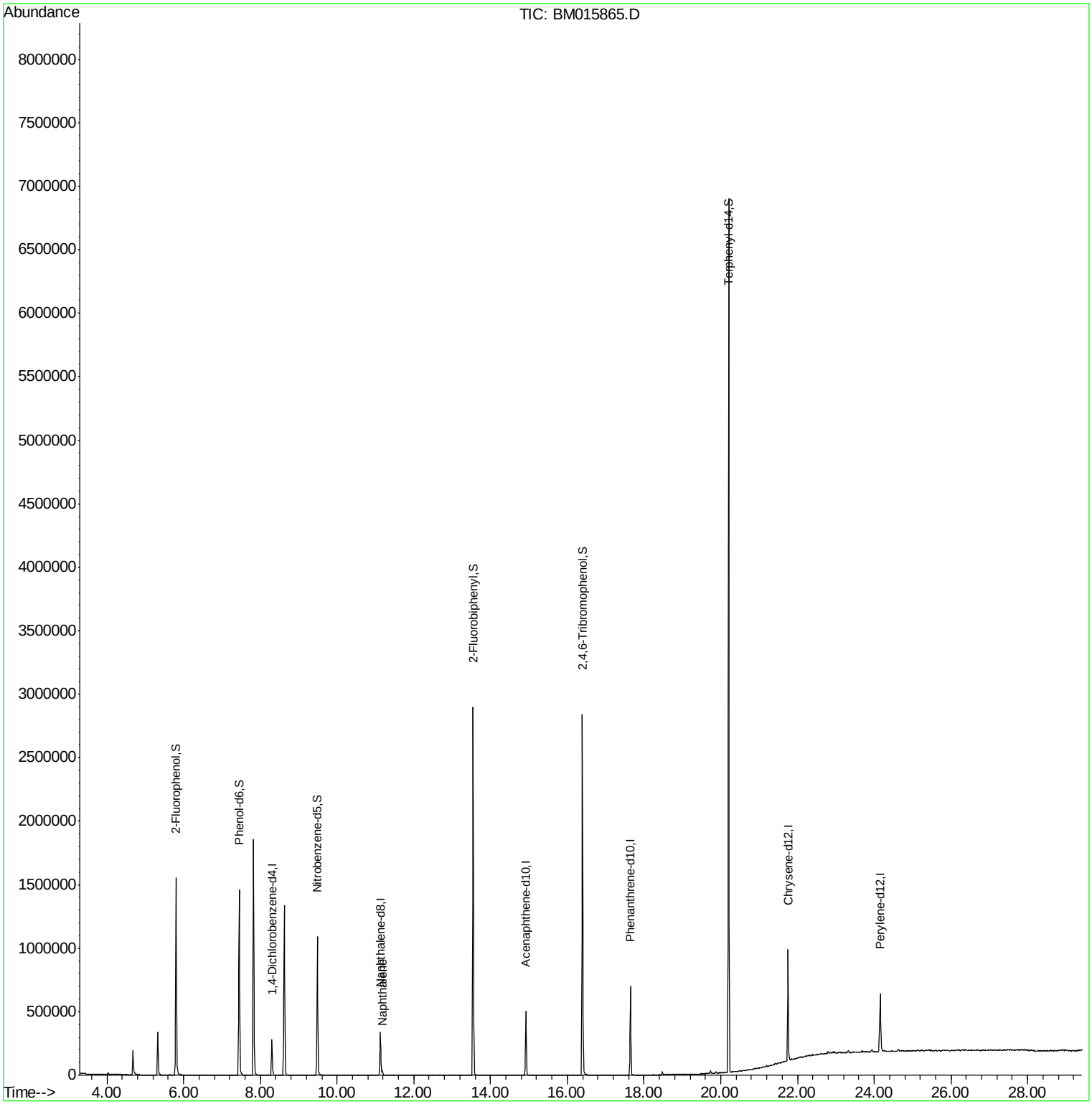
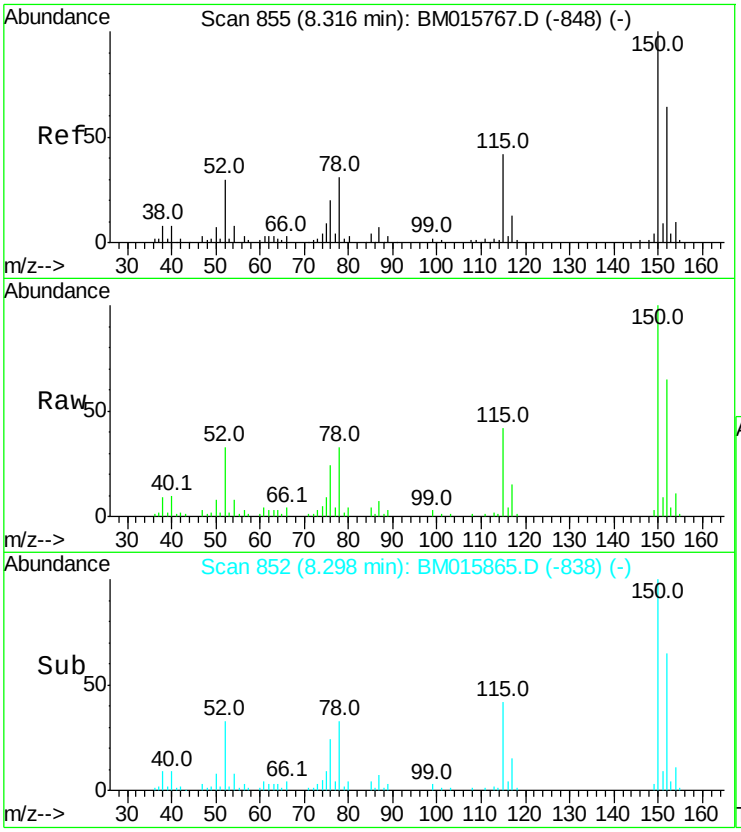


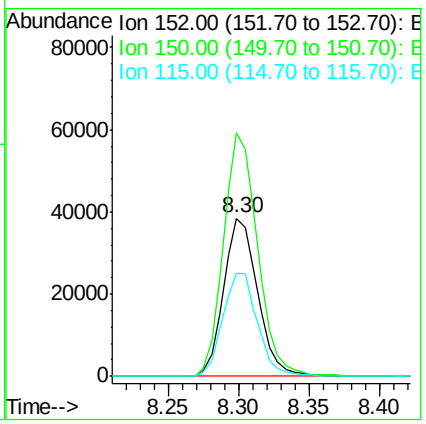


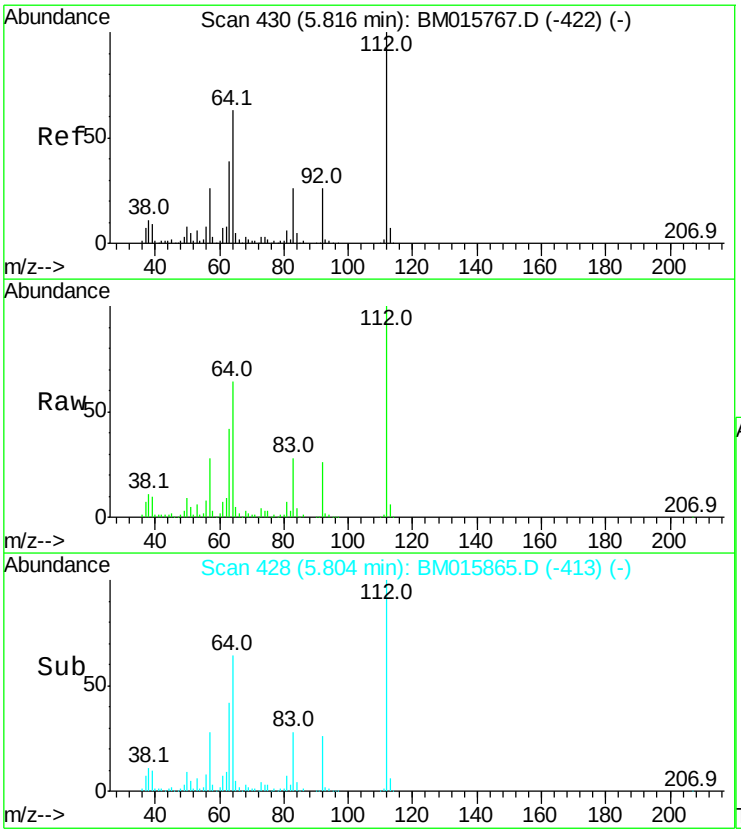
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Instrument :
BNA_M
ClientSampleId :
STOCK-PILE-A

Tgt Ion:152 Resp: 64483

Ion	Ratio	Lower	Upper
152	100		
150	154.2	119.5	179.3
115	64.9	43.0	64.4#

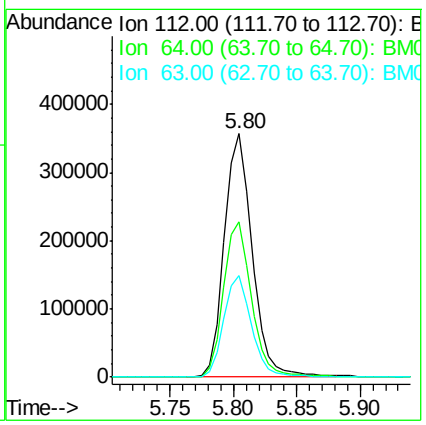


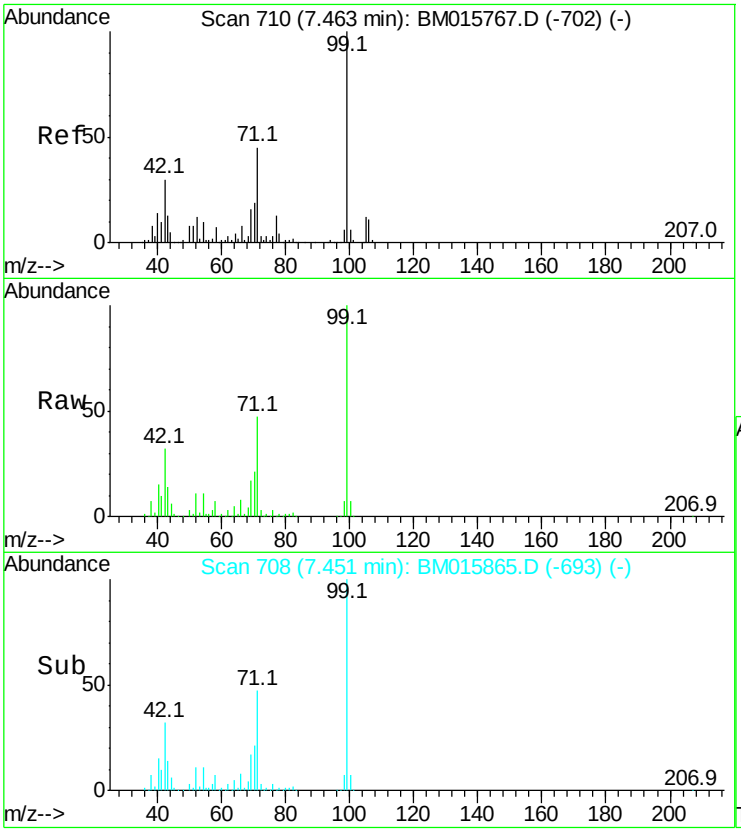


#5
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Tgt Ion:112 Resp: 545815

Ion	Ratio	Lower	Upper
112	100		
64	63.8	38.6	57.8#
63	41.6	19.3	28.9#



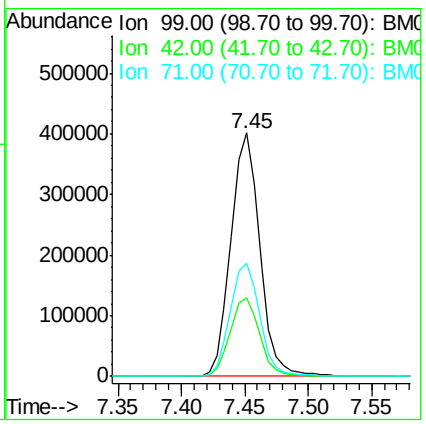


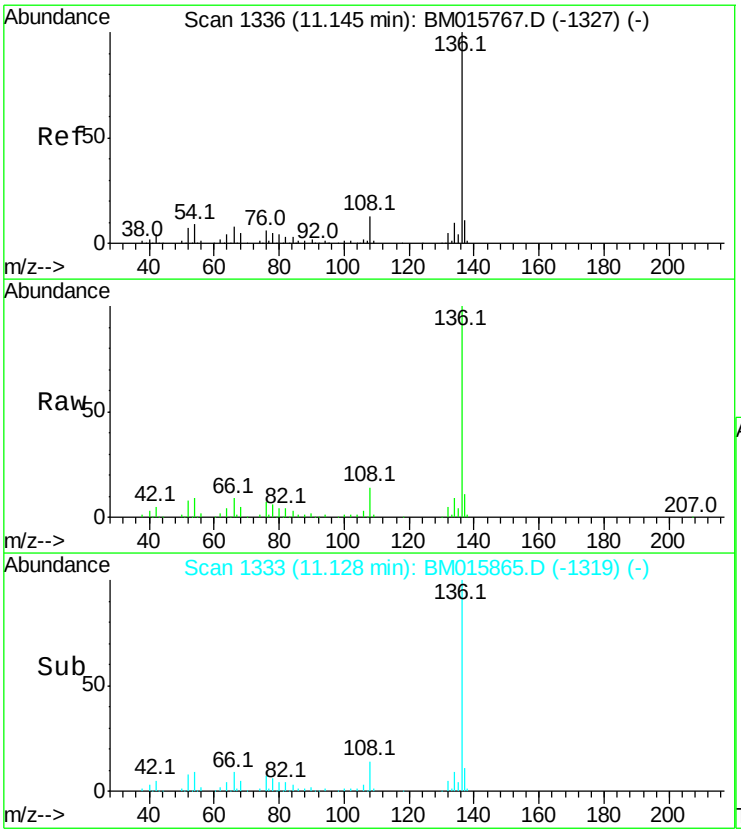
#7
Phenol-d6
Concen: N.D. ng
RT: 7.45 min Scan# 708
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Instrument :
BNA_M
ClientSampleId :
STOCK-PILE-A

Tgt Ion: 99 Resp: 634225

Ion	Ratio	Lower	Upper
99	100		
42	32.2	11.0	16.4#
71	46.6	23.4	35.2#

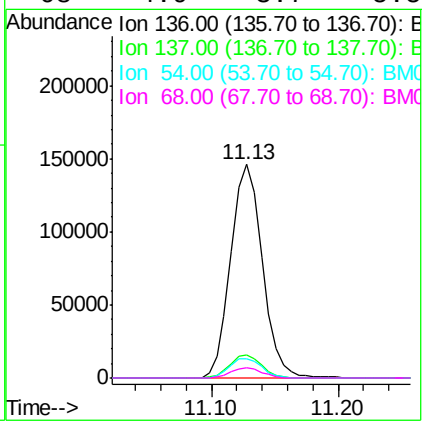


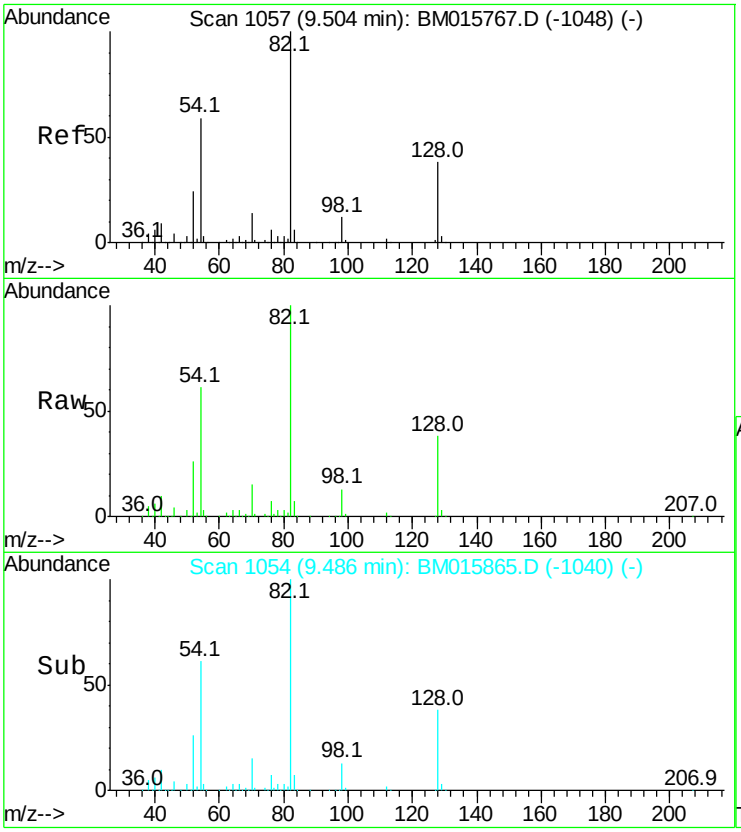


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Tgt Ion:136 Resp: 253413

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.0	4.6	6.8#
68	4.9	3.7	5.5



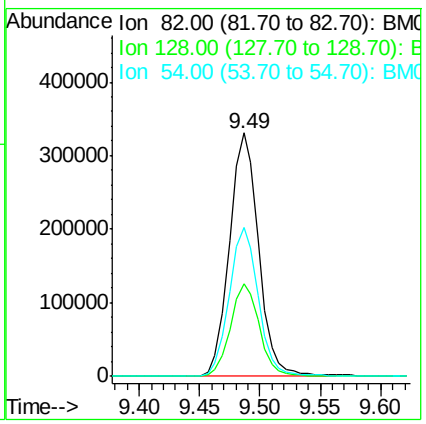


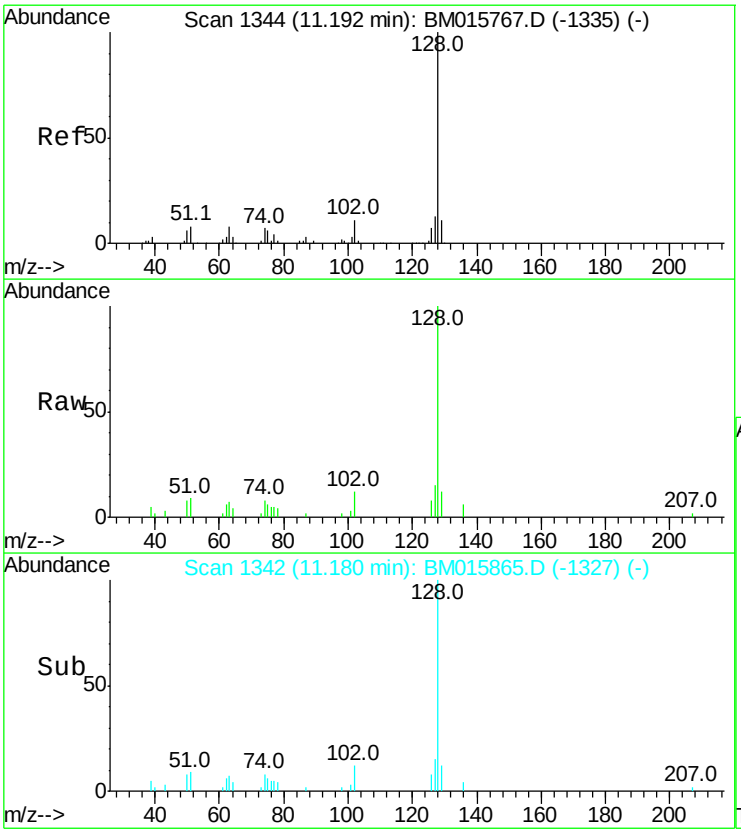
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.49 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Instrument :
BNA_M
ClientSampleId :
STOCK-PILE-A

Tgt Ion: 82 Resp: 558454

Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.8	49.2
54	61.0	40.6	60.8#

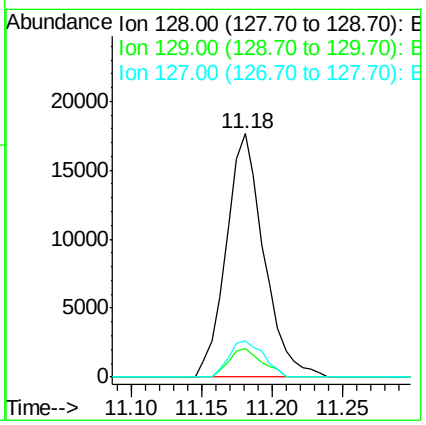


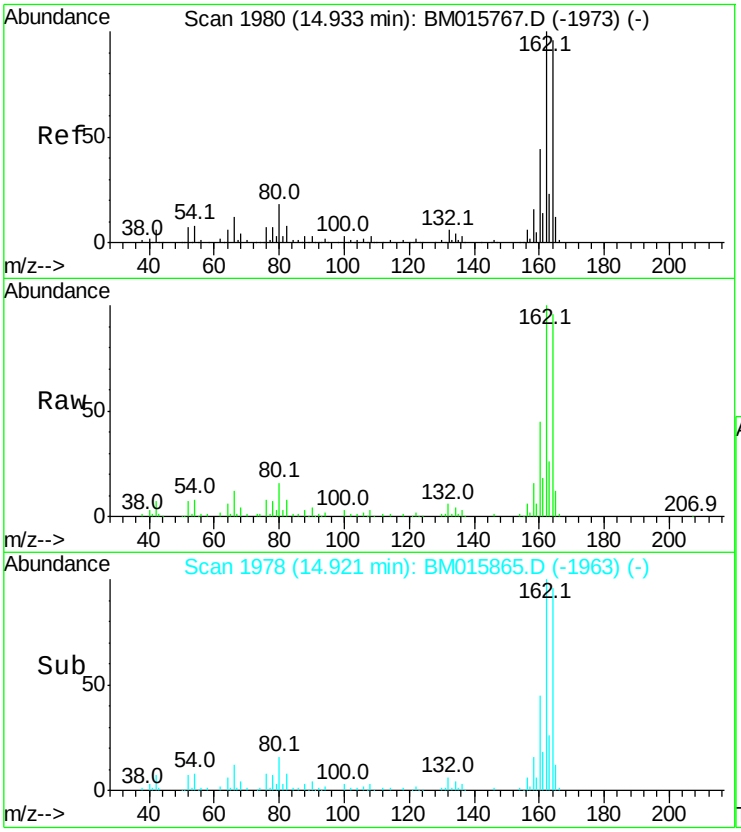


#31
Naphthalene
Concen: 2.502 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Tgt Ion:128 Resp: 32867

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	14.9	10.4	15.6



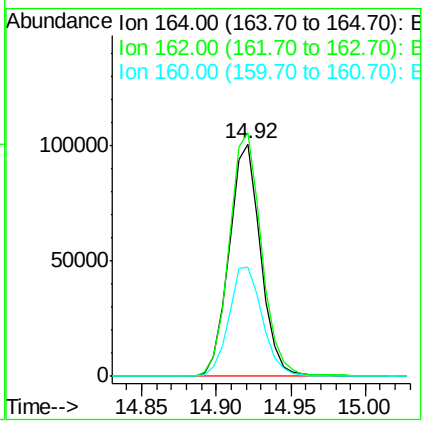


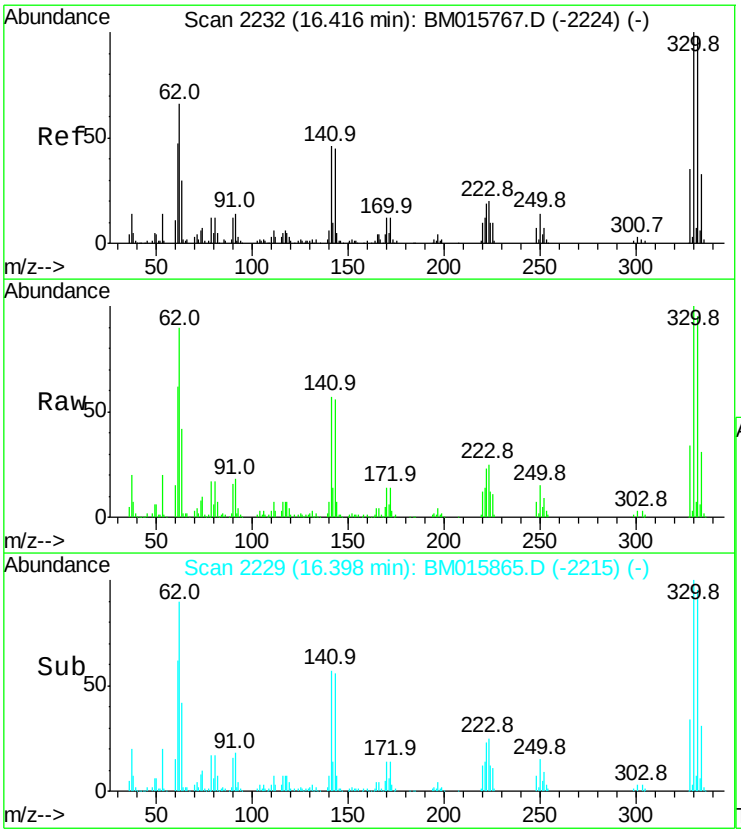
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Instrument :
BNA_M
ClientSampleId :
STOCK-PILE-A

Tgt Ion:164 Resp: 148680

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.4	123.6
160	46.7	35.8	53.6

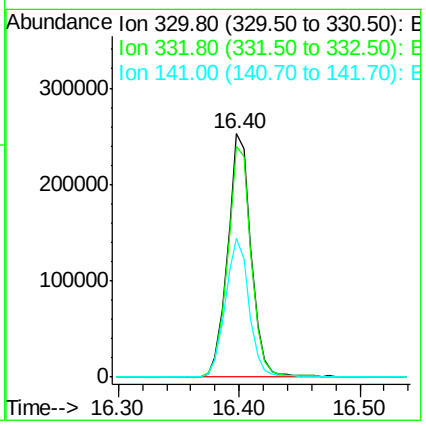


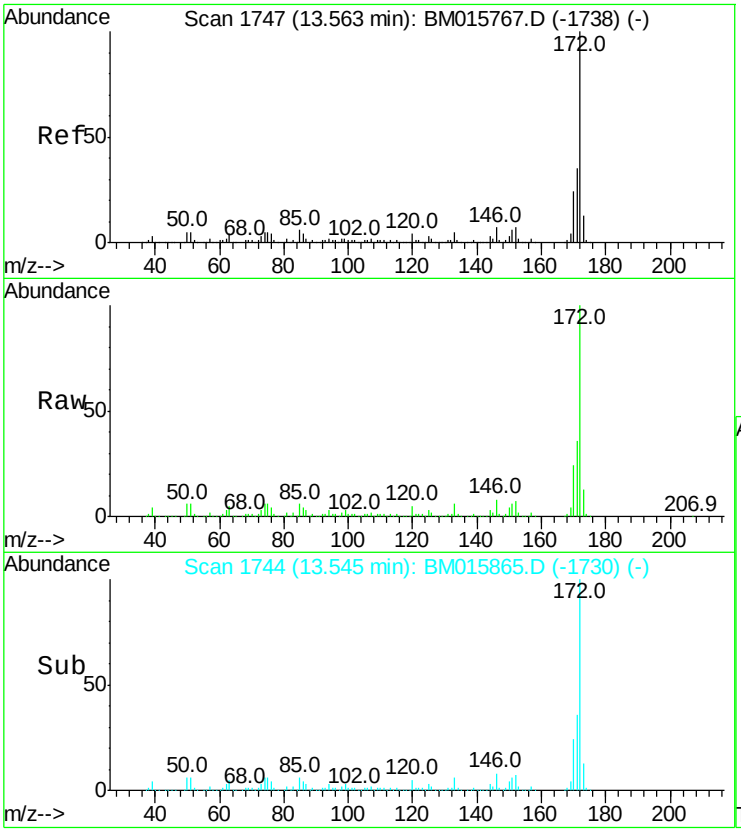


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.40 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Tgt Ion:330 Resp: 341460

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	57.7	0.0	0.0#



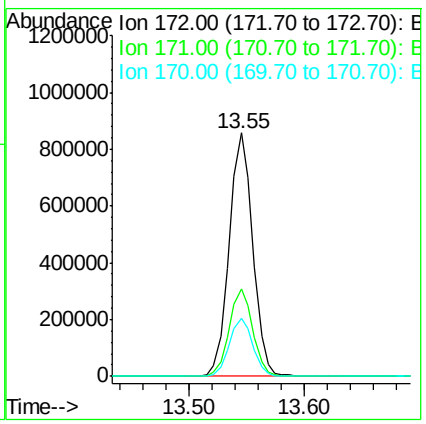


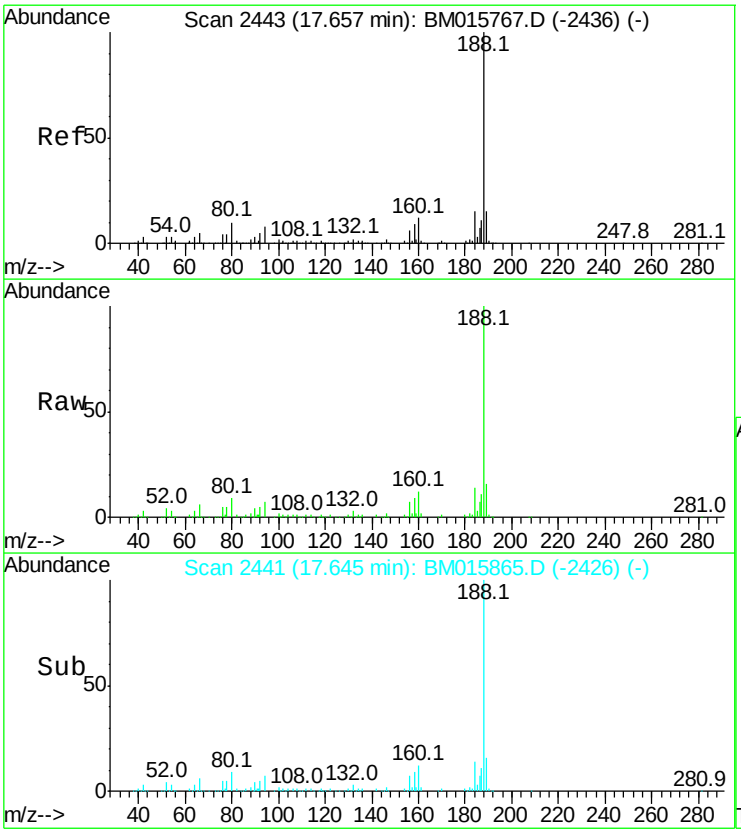
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.55 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Instrument :
BNA_M
ClientSampleId :
STOCK-PILE-A

Tgt Ion:172 Resp: 1210684

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.9	18.8	28.2

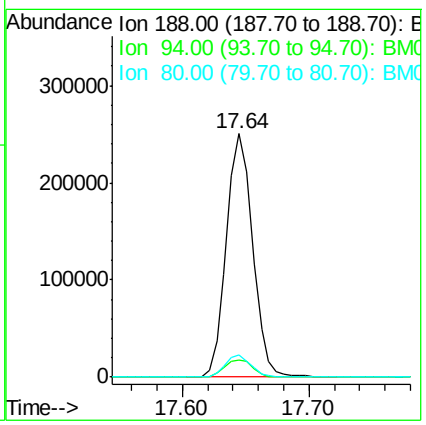


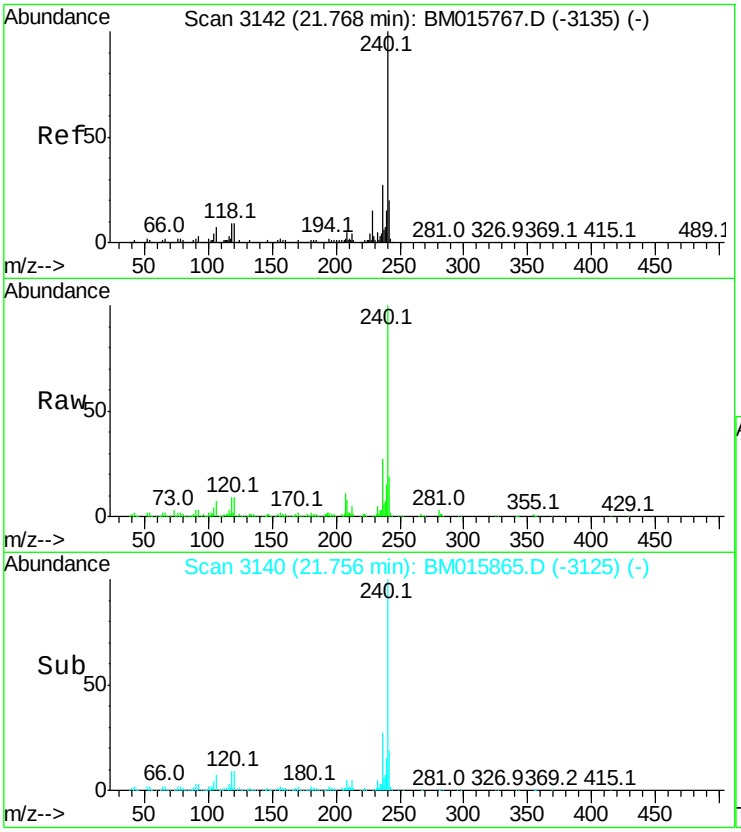


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Tgt Ion:188 Resp: 359989

Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	8.9	9.3	13.9#



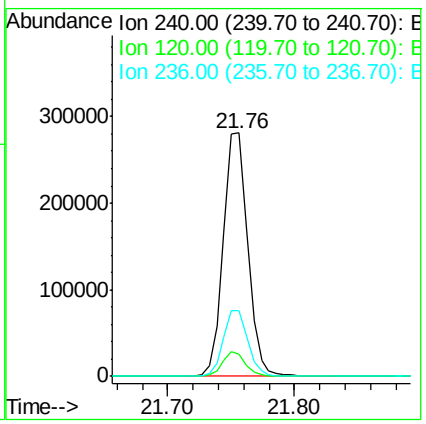


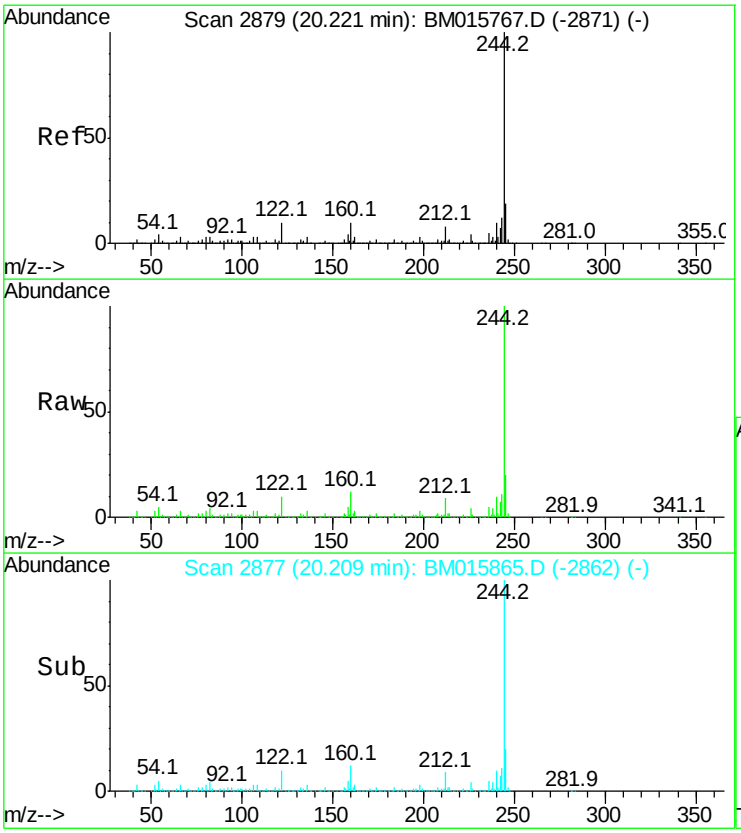
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Instrument :
BNA_M
ClientSampleId :
STOCK-PILE-A

Tgt Ion:240 Resp: 376339

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	27.0	20.0	30.0

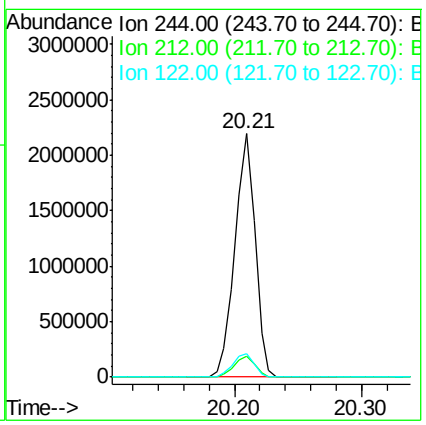


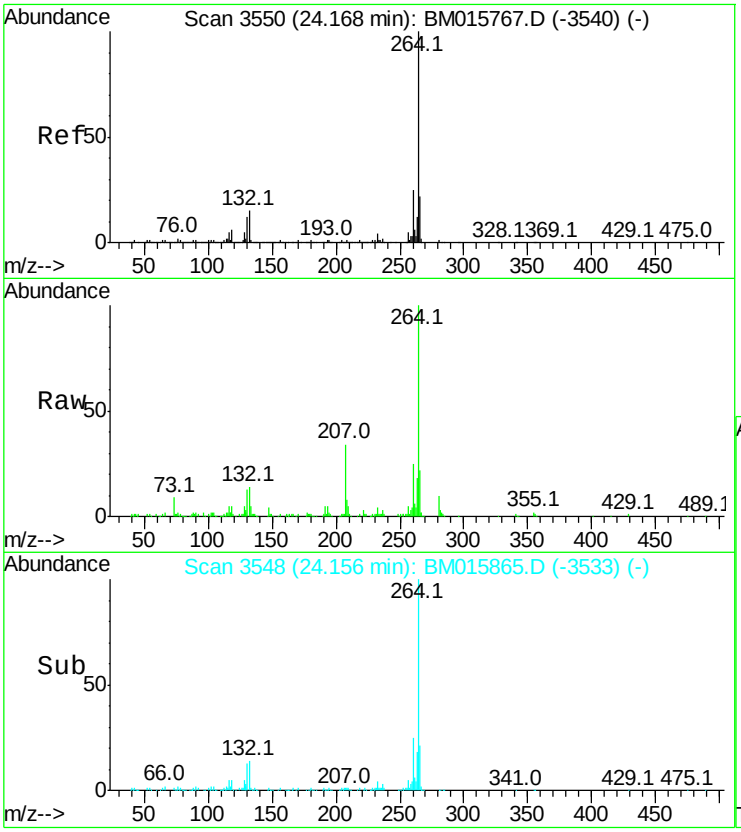


#78
Terphenyl-d14
Concen: Below ng
RT: 20.21 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Tgt Ion:244 Resp: 2412738

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	9.9	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Instrument :
BNA_M
ClientSampleId :
STOCK-PILE-A

Tgt Ion:264 Resp: 306560

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	22.3	17.3	25.9