Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015837.D
Acq On : 07 Jul 2018 12:54
Operator : SJ/JU
Sample : J3854-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S4

Quant Time: Jul 09 00:55:29 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	92209	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	390502	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	238202	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	580720	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	606720	20.00	ng	-0.01
86) Perylene-d12	24.16	264	598672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	779862	145.04	ng	-0.01
7) Phenol-d6	7.46	99	921100	125.14	ng	0.00
23) Nitrobenzene-d5	9.49	82	796378	99.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	551621	177.23	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1785419	93.05	ng	-0.01
78) Terphenyl-d14	20.22	244	3801237	116.21	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.18	128	65070	3.214	ng	98

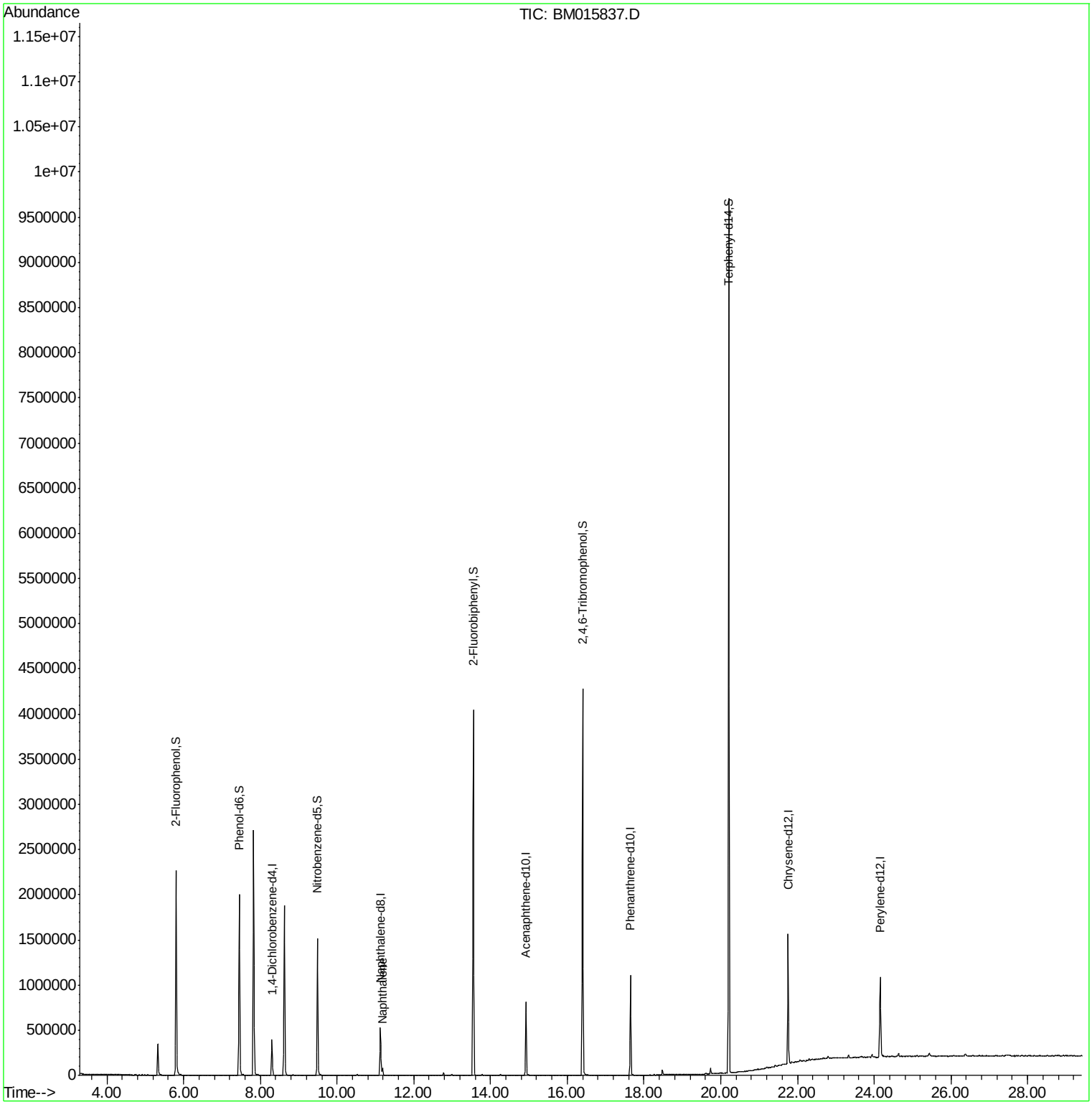
(#) = qualifier out of range (m) = manual integration (+) = signals summed

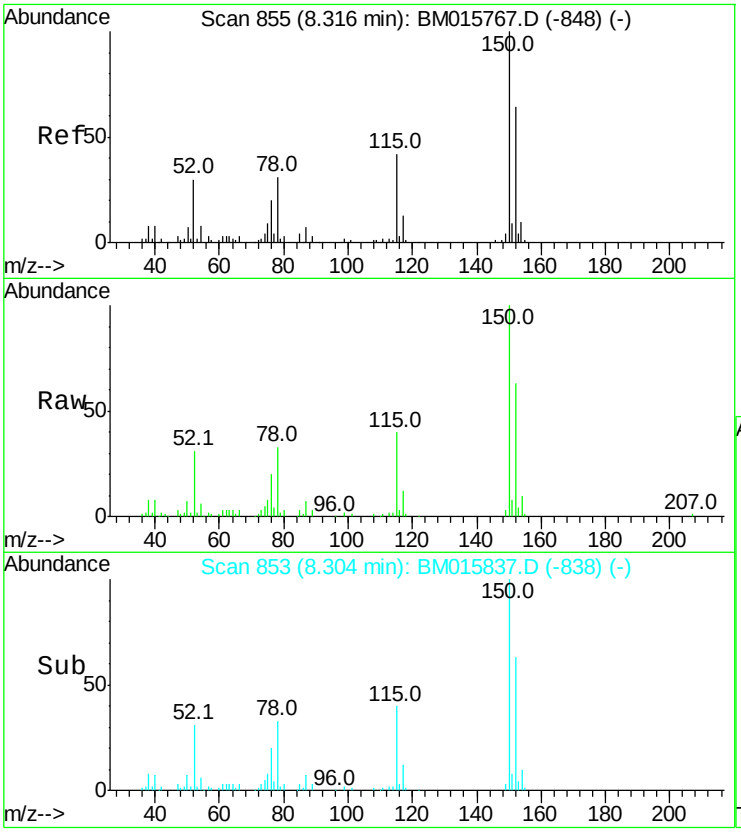
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015837.D
Acq On : 07 Jul 2018 12:54
Operator : SJ/JU
Sample : J3854-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S4

Quant Time: Jul 09 00:55:29 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



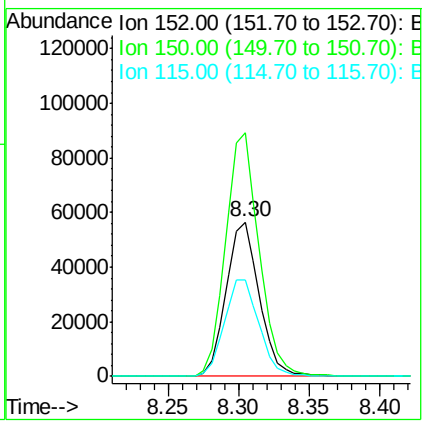


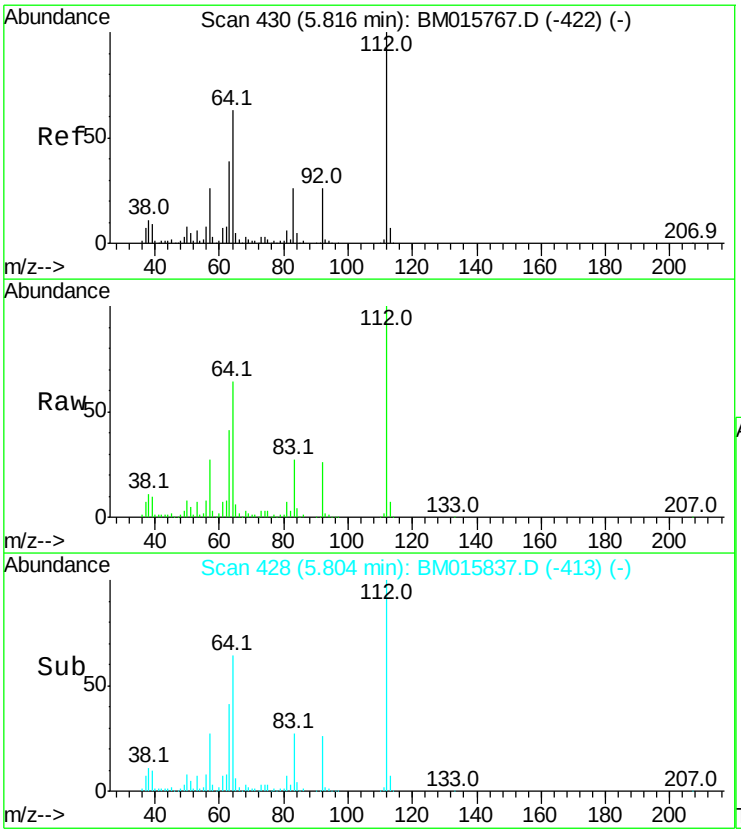
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Instrument :
BNA_M
ClientSampleId :
S4

Tgt Ion:152 Resp: 92209

Ion	Ratio	Lower	Upper
152	100		
150	157.7	119.5	179.3
115	62.8	43.0	64.4

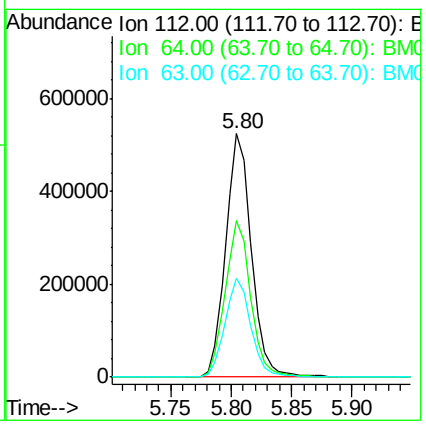


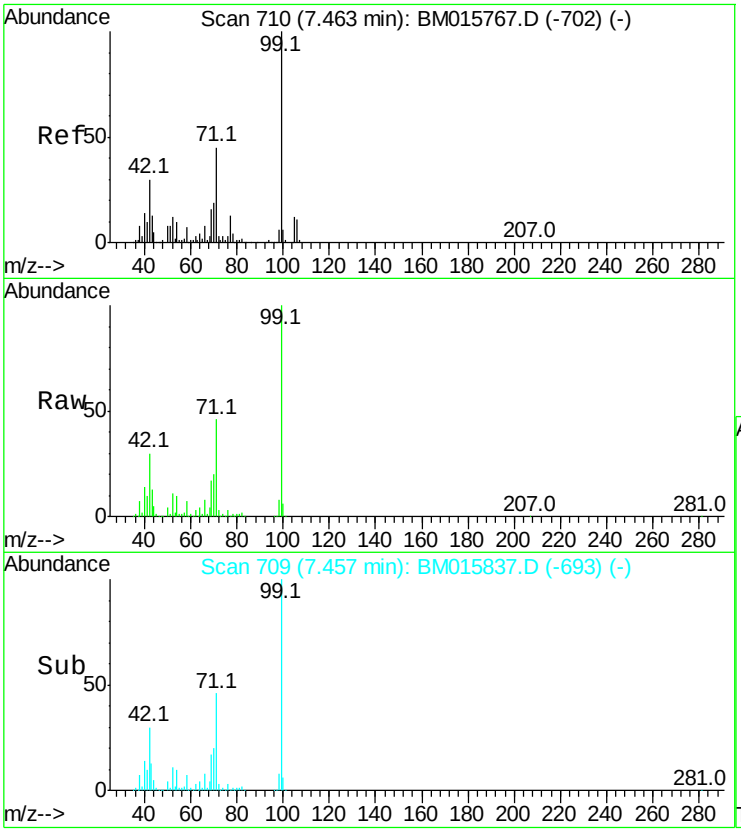


#5
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Tgt Ion:112 Resp: 779862

Ion	Ratio	Lower	Upper
112	100		
64	64.1	38.6	57.8#
63	40.9	19.3	28.9#



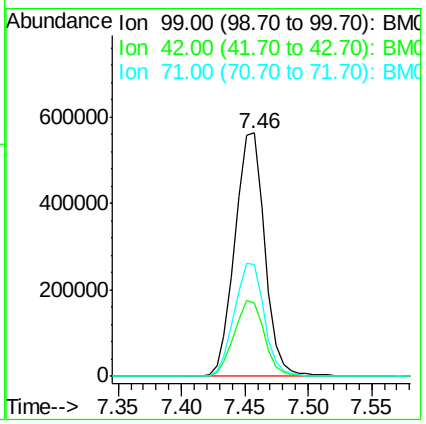


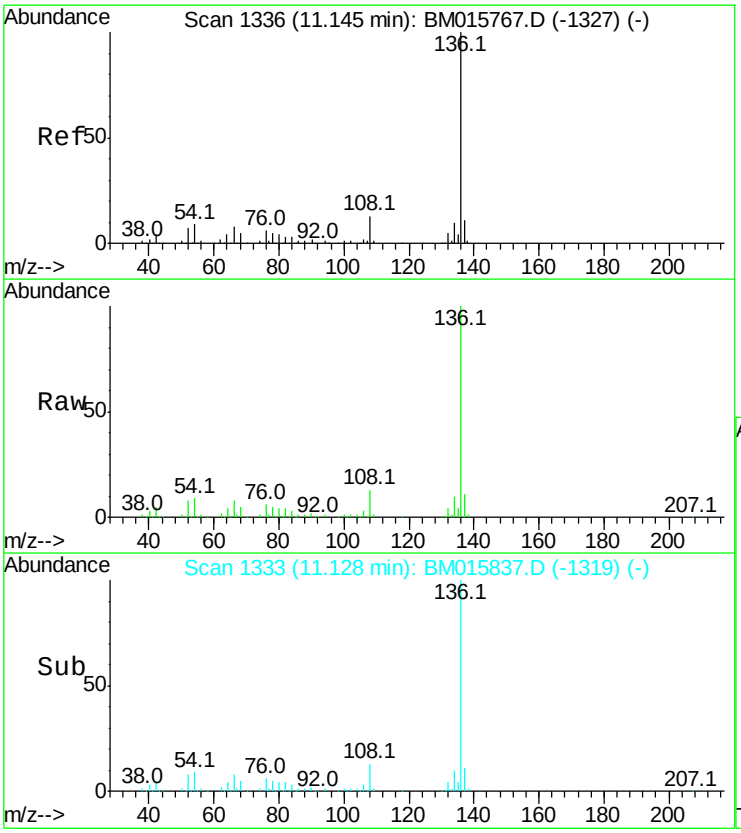
#7
Phenol-d6
Concen: N.D. ng
RT: 7.46 min Scan# 709
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Instrument :
BNA_M
ClientSampleId :
S4

Tgt Ion: 99 Resp: 921100

Ion	Ratio	Lower	Upper
99	100		
42	30.2	11.0	16.4#
71	46.0	23.4	35.2#

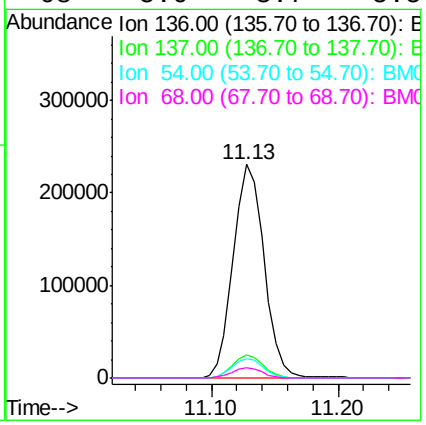


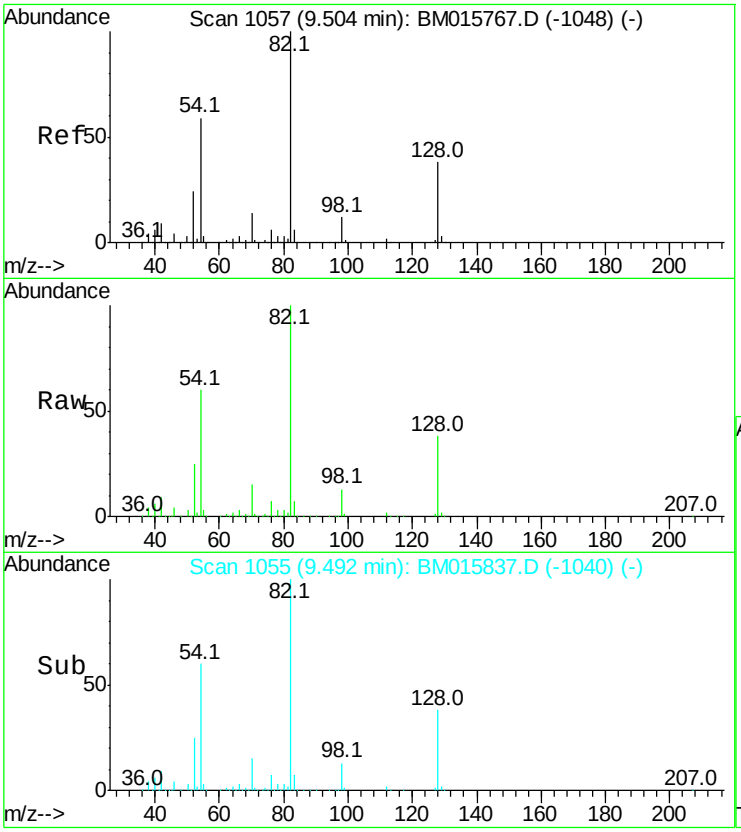


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Tgt Ion:136 Resp: 390502

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.3	4.6	6.8#
68	5.0	3.7	5.5



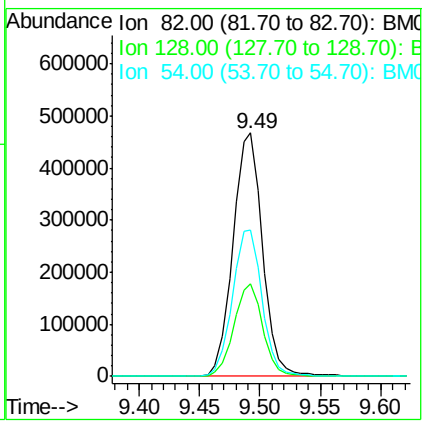


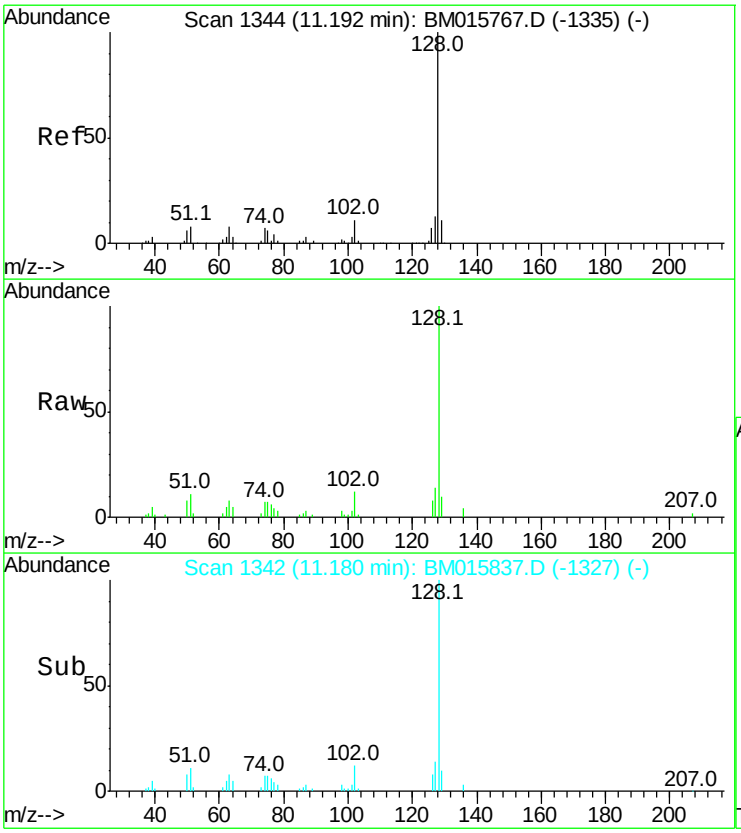
#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Instrument :
BNA_M
ClientSampleId :
S4

Tgt Ion: 82 Resp: 796378

Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.8	49.2
54	60.0	40.6	60.8

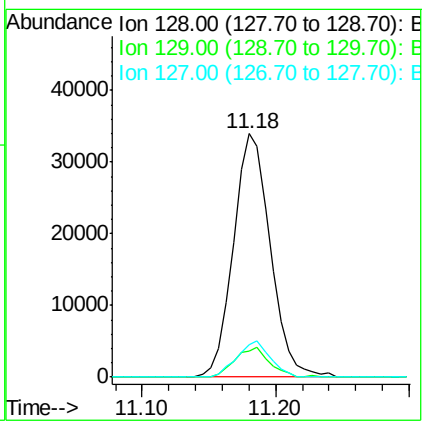


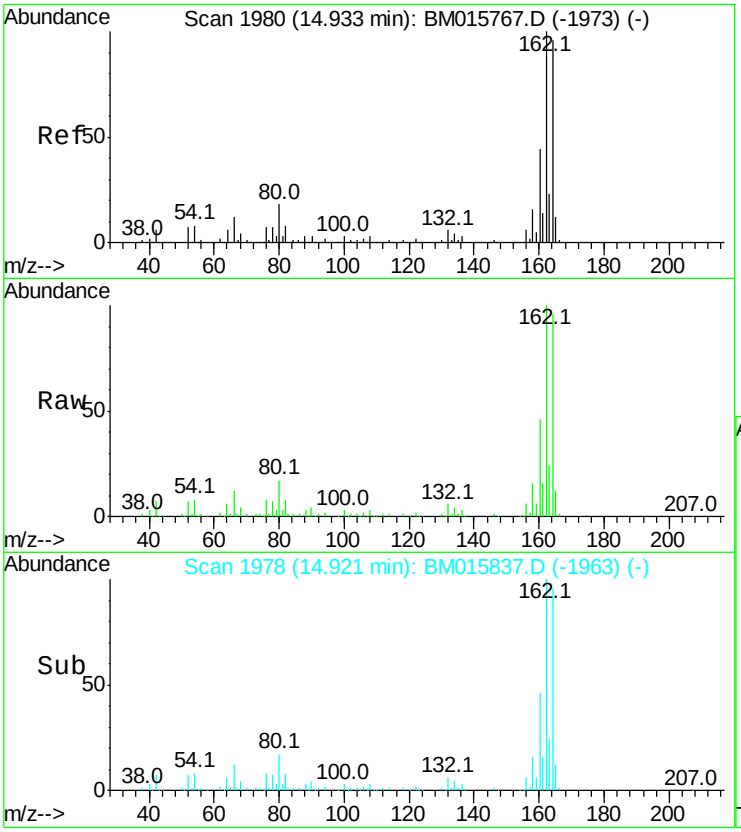


#31
Naphthalene
Concen: 3.214 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Tgt Ion:128 Resp: 65070

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	13.5	10.4	15.6



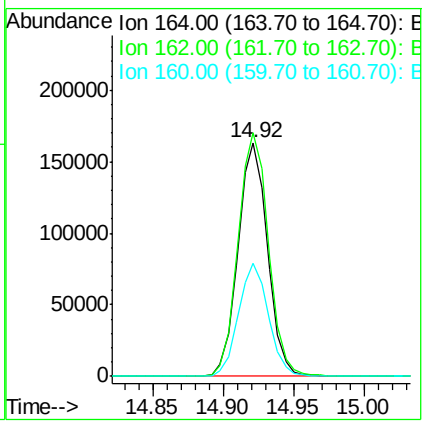


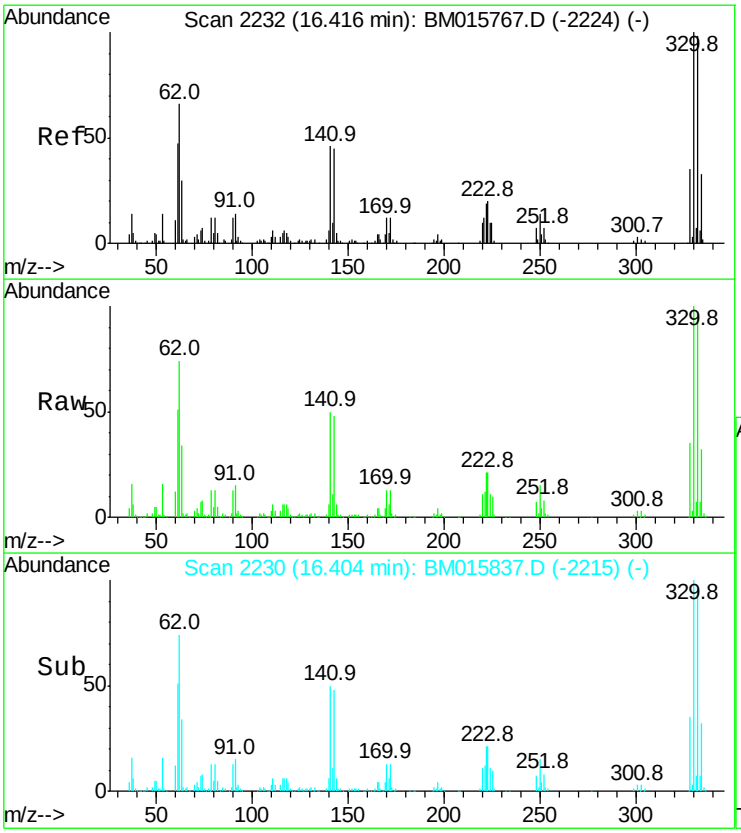
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Instrument :
BNA_M
ClientSampleId :
S4

Tgt Ion:164 Resp: 238202

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.4	123.6
160	48.2	35.8	53.6

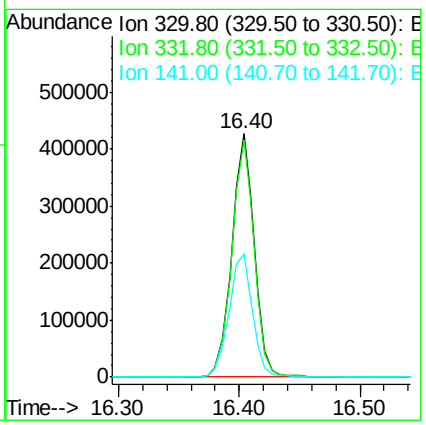


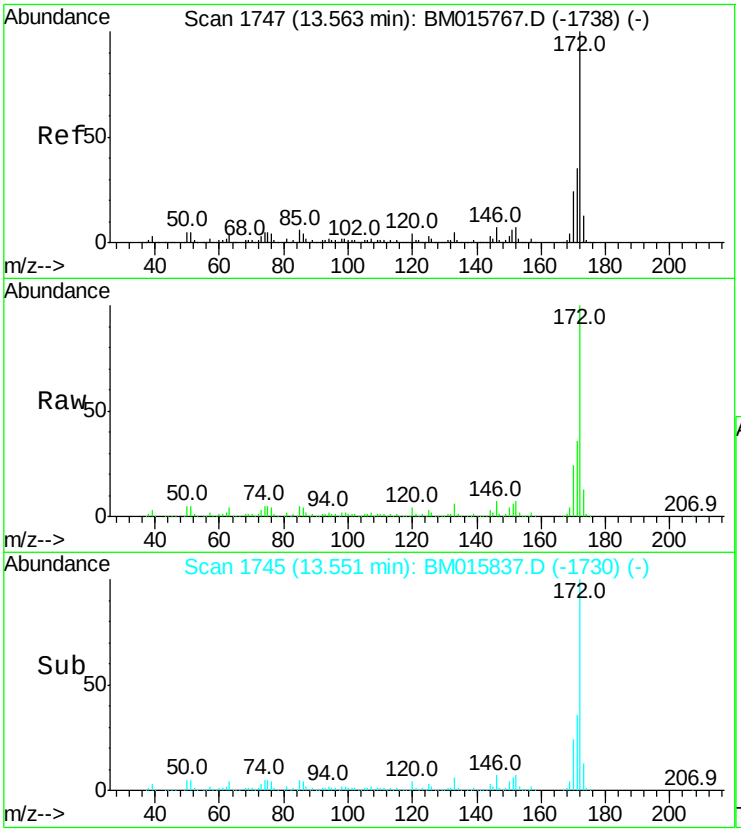


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.40 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Tgt Ion:330 Resp: 551621

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	53.1	0.0	0.0#



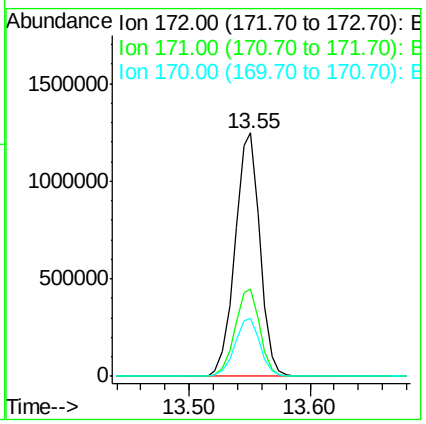


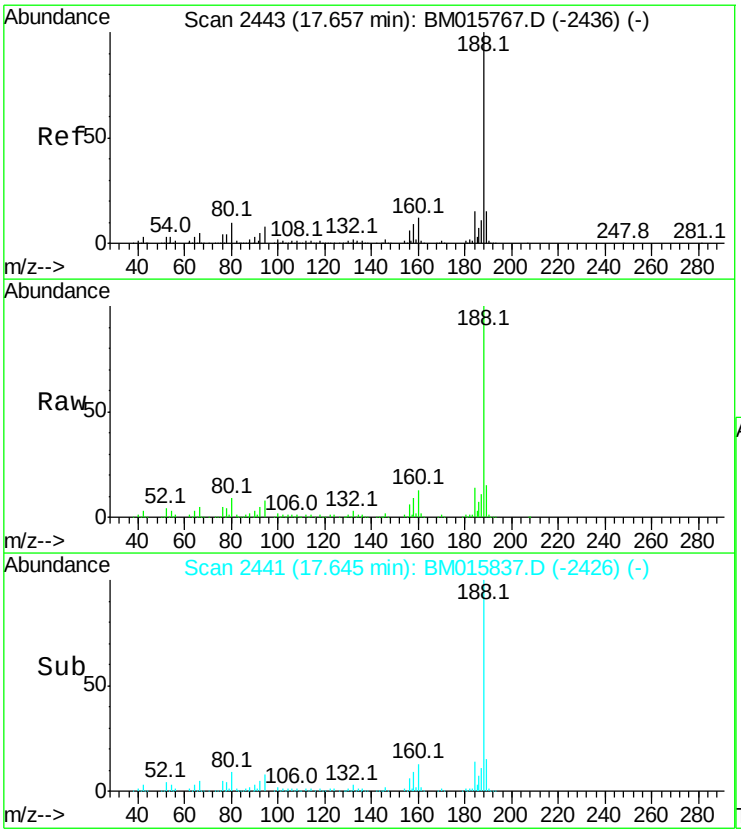
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.55 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Instrument :
BNA_M
ClientSampleId :
S4

Tgt Ion:172 Resp: 1785419

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.8	18.8	28.2

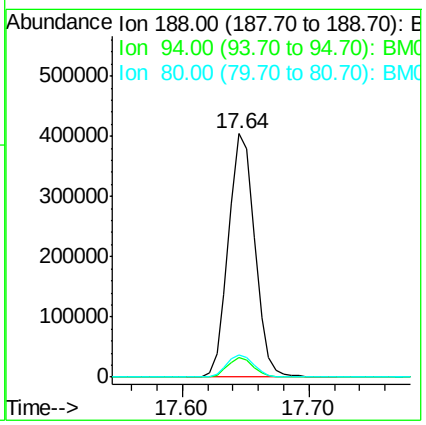


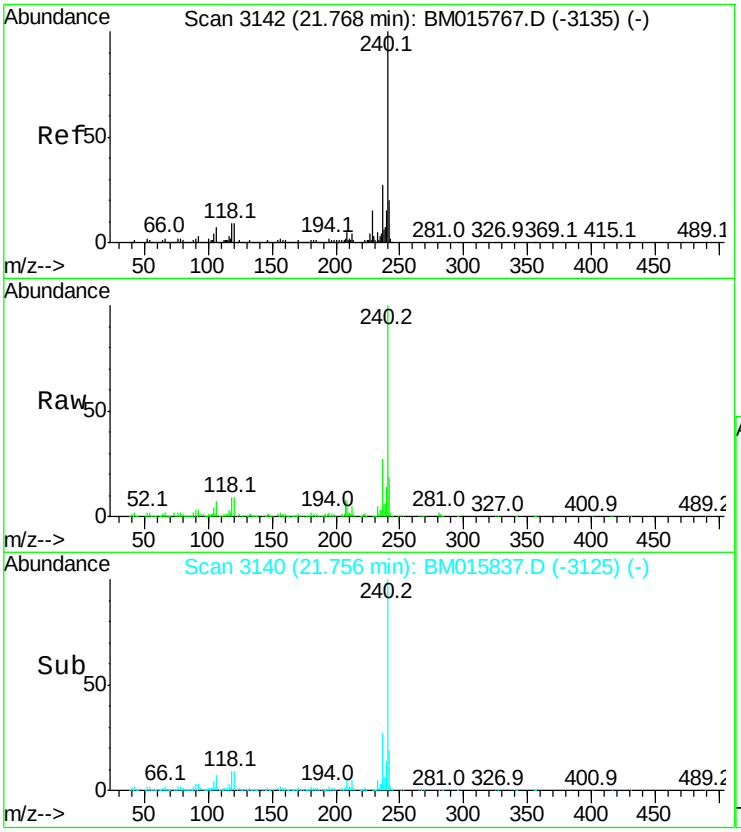


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Tgt Ion:188 Resp: 580720

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	9.4	9.3	13.9



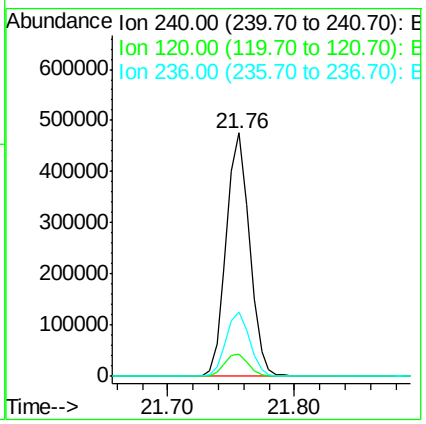


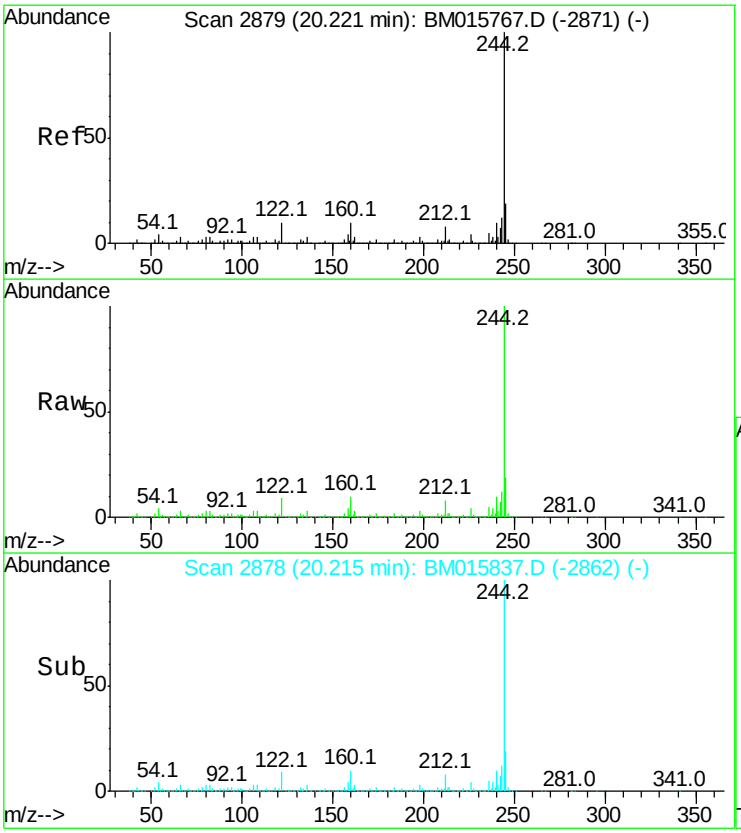
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Instrument :
BNA_M
ClientSampleId :
S4

Tgt Ion:240 Resp: 606720

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.2	12.2
236	26.7	20.0	30.0

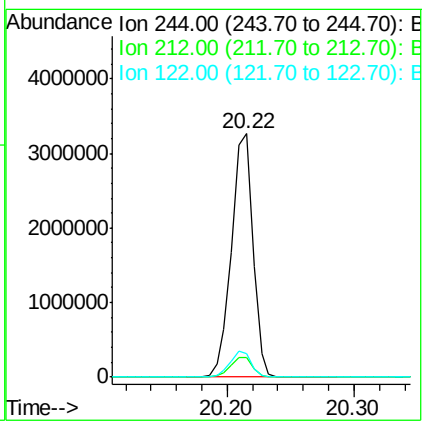


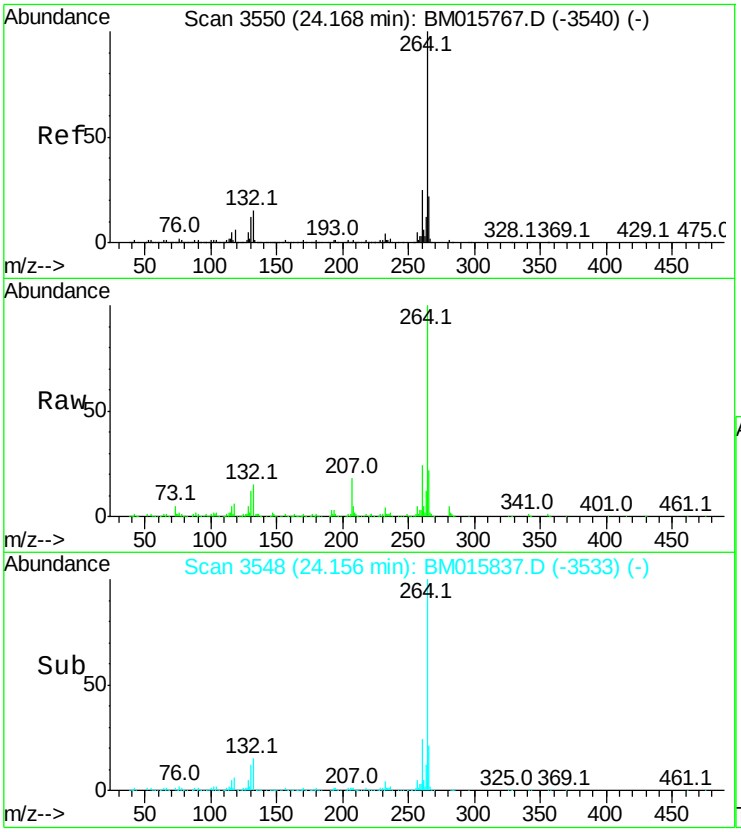


#78
Terphenyl-d14
Concen: Below ng
RT: 20.22 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Tgt Ion:244 Resp: 3801237

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	9.5	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: BM015837.D
Acq: 07 Jul 2018 12:54

Instrument :
BNA_M
ClientSampleId :
S4

Tgt Ion:264 Resp: 598672

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.8	17.3	25.9