Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
Data File : BM011104.D
Acq On : 03 Aug 2017 00:33
Operator : SJ/JU
Sample : I4543-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 03 01:39:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	180898	20.00	ng	-0.01
21) Naphthalene-d8	10.13	136	696219	20.00	ng	-0.02
38) Acenaphthene-d10	14.03	164	478864	20.00	ng	-0.02
63) Phenanthrene-d10	16.79	188	1236038	20.00	ng	-0.02
75) Chrysene-d12	21.02	240	1334119	20.00	ng	-0.01
86) Perylene-d12	23.12	264	1120911	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	507912	47.46	ng	-0.01
7) Phenol-d6	6.57	99	707059	46.50	ng	-0.02
23) Nitrobenzene-d5	8.52	82	921438	49.67	ng	-0.02
41) 2,4,6-Tribromophenol	15.54	330	419285	54.63	ng	-0.02
44) 2-Fluorobiphenyl	12.65	172	1742492	45.64	ng	-0.02
78) Terphenyl-d14	19.46	244	3326008	49.38	ng	-0.01
Target Compounds						Qvalue
76) Benzidine	19.07	184	289223	9.06	ng	99

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

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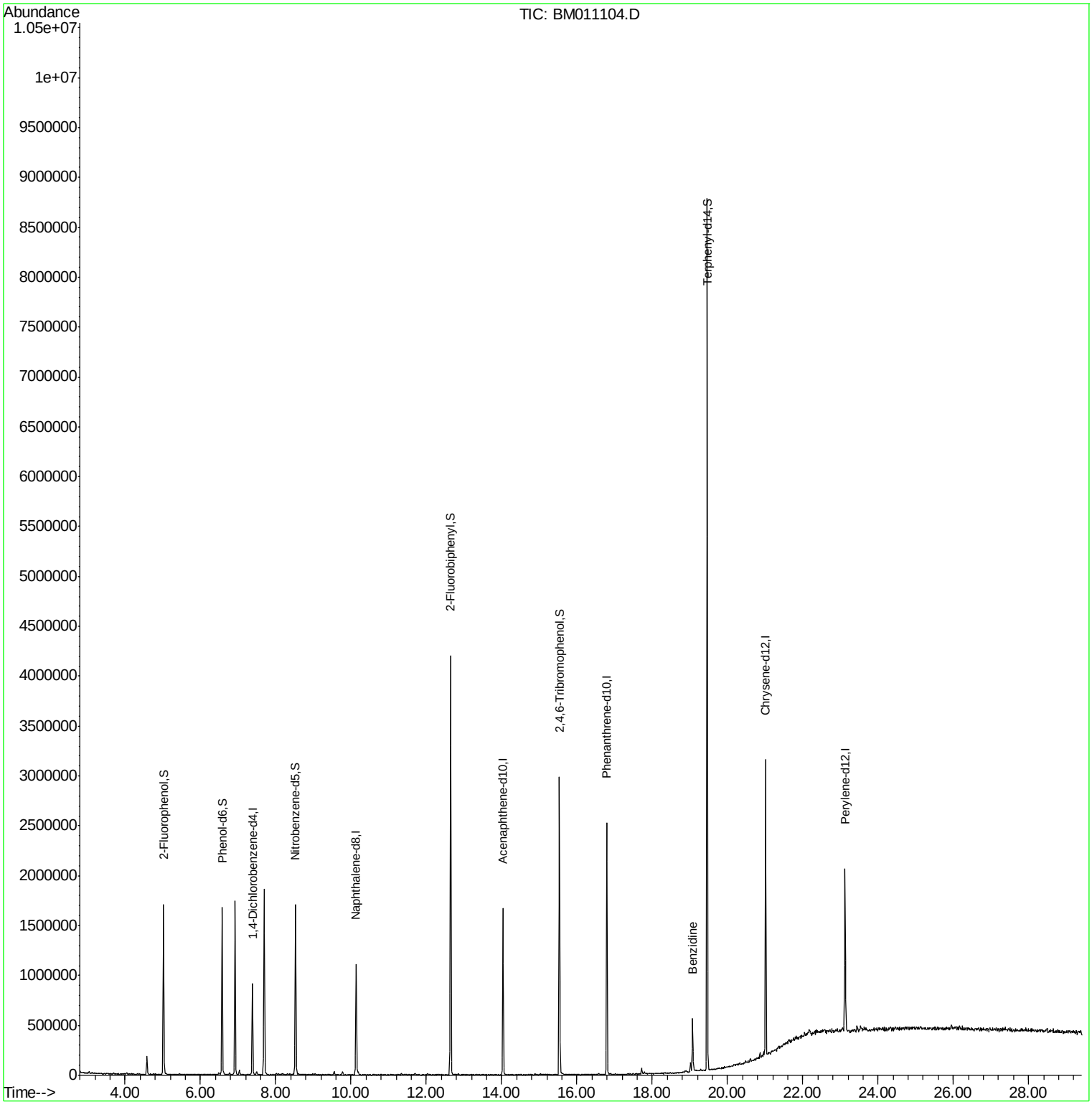
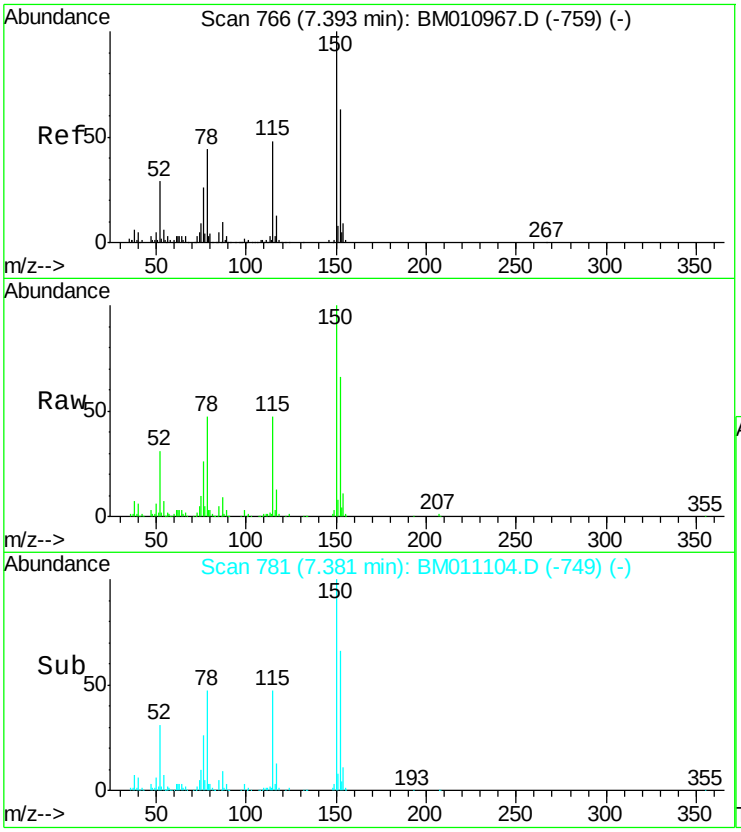


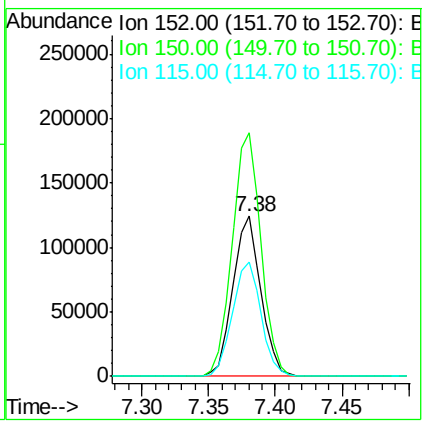


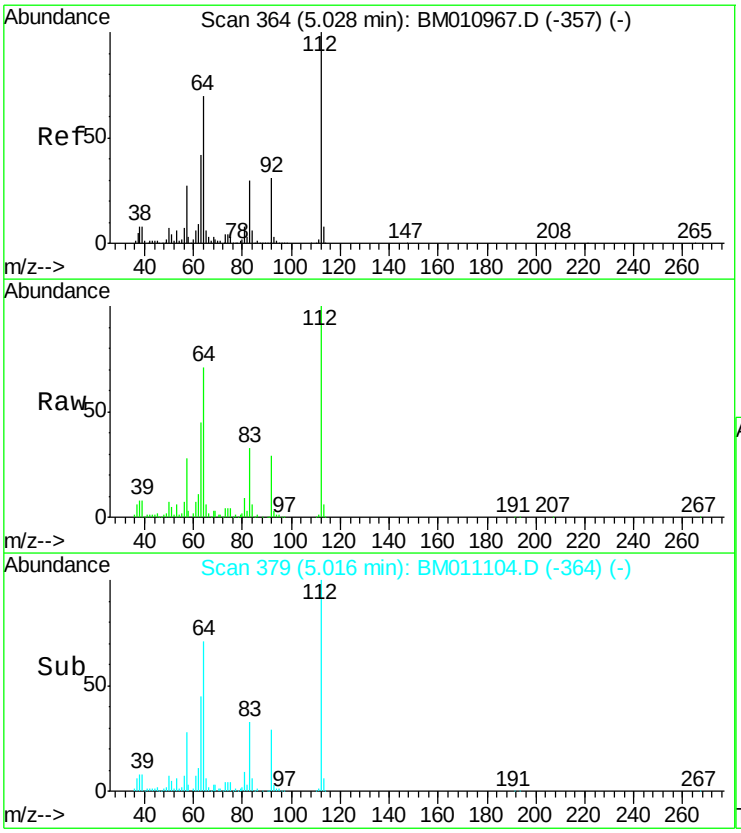
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 180898

Ion	Ratio	Lower	Upper
152	100		
150	152.3	119.5	179.3
115	71.6	43.0	64.4#

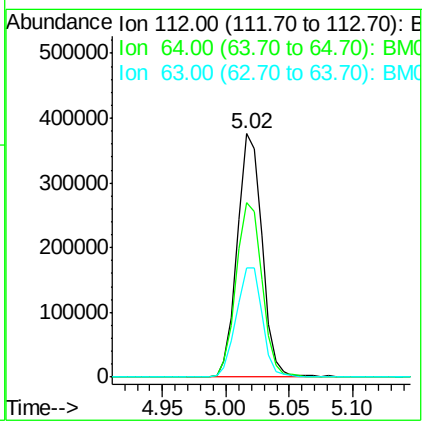


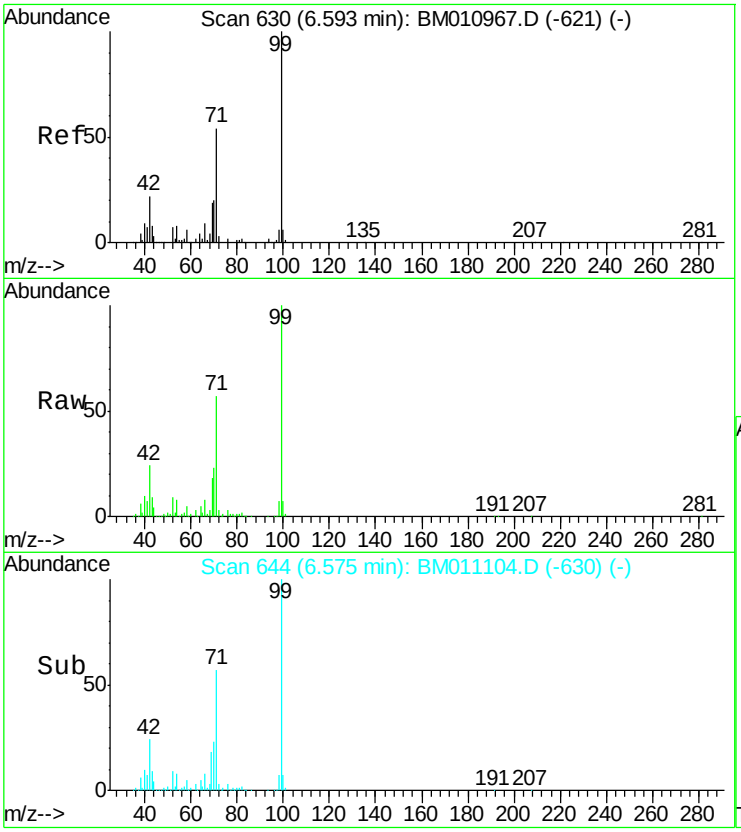


#5
2-Fluorophenol
Concen: 47.46 ng
RT: 5.02 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Tgt Ion:112 Resp: 507912

Ion	Ratio	Lower	Upper
112	100		
64	71.5	38.6	57.8#
63	44.7	19.3	28.9#



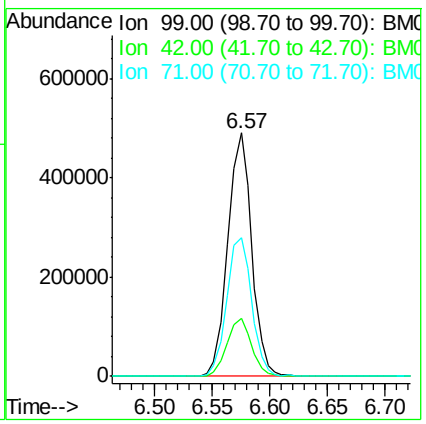


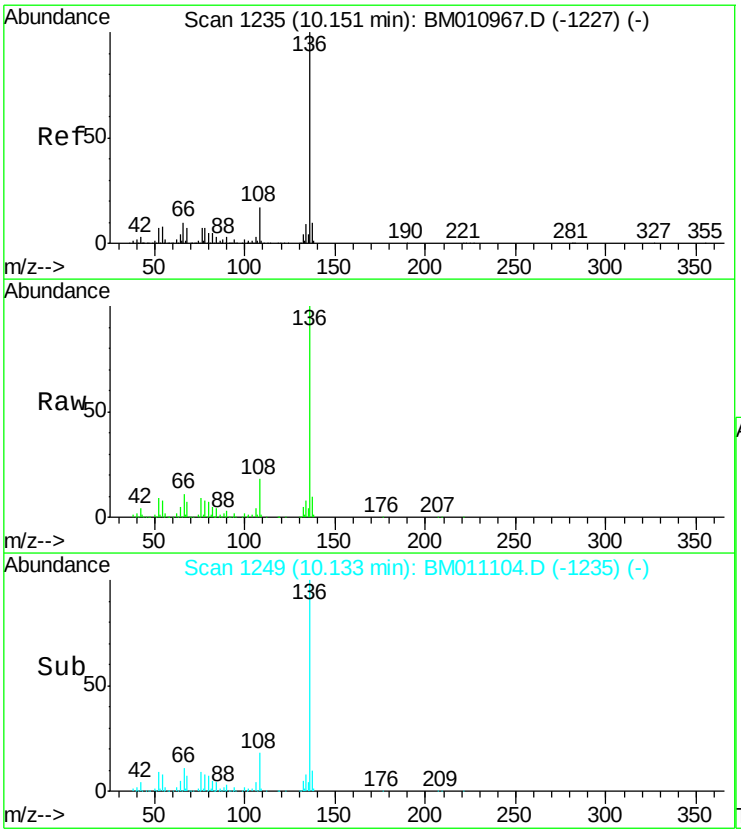
#7
Phenol-d6
Concen: 46.50 ng
RT: 6.57 min Scan# 644
Delta R.T. -0.02 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 707059

Ion	Ratio	Lower	Upper
99	100		
42	24.0	11.0	16.4#
71	56.9	23.4	35.2#

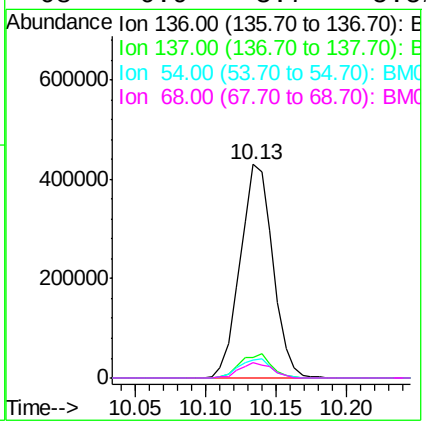


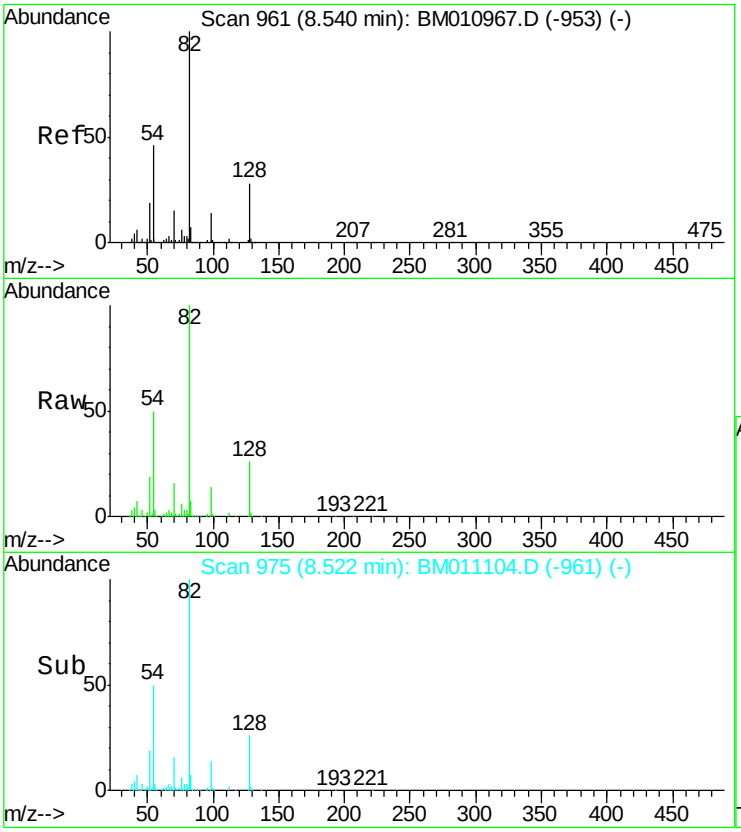


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.13 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Tgt Ion:136 Resp: 696219

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.7	13.1
54	8.3	4.6	6.8#
68	6.9	3.7	5.5#



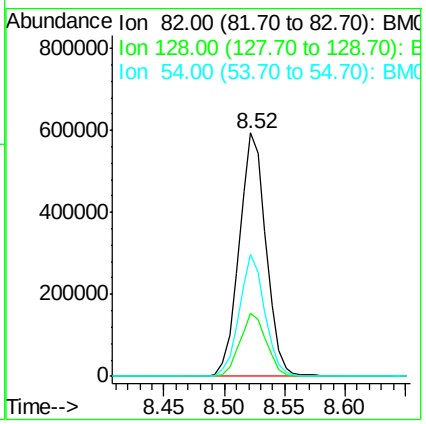


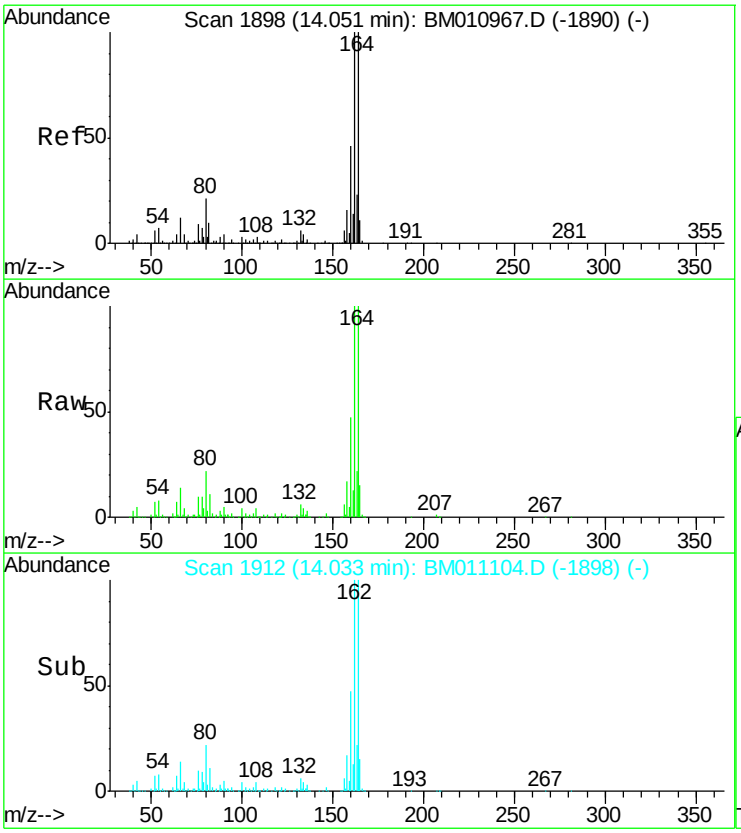
#23
Nitrobenzene-d5
Concen: 49.67 ng
RT: 8.52 min Scan# 975
Delta R.T. -0.02 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 921438

Ion	Ratio	Lower	Upper
82	100		
128	26.2	32.8	49.2#
54	50.1	40.6	60.8

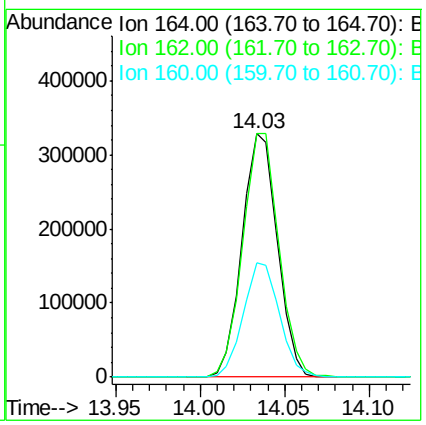


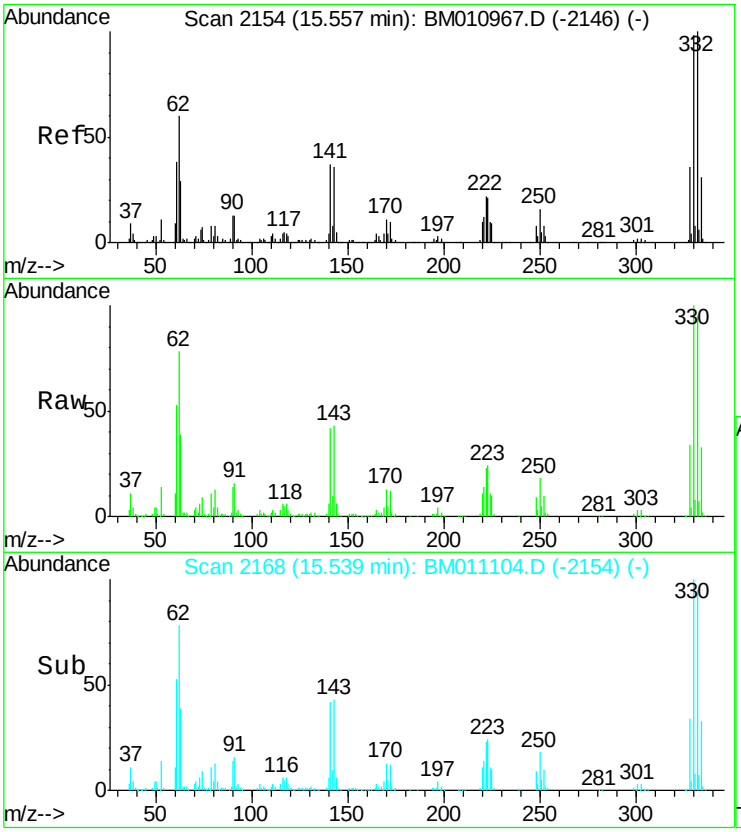


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.03 min Scan# 1912
Delta R.T. -0.02 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Tgt Ion:164 Resp: 478864

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.4	123.6
160	47.1	35.8	53.6



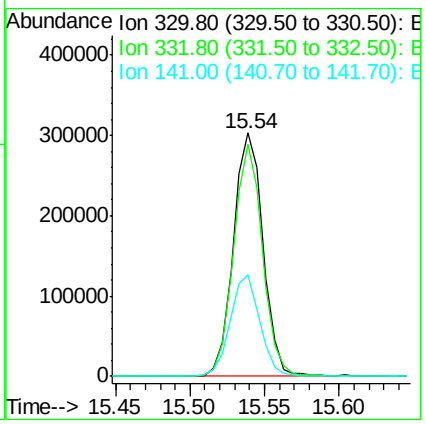


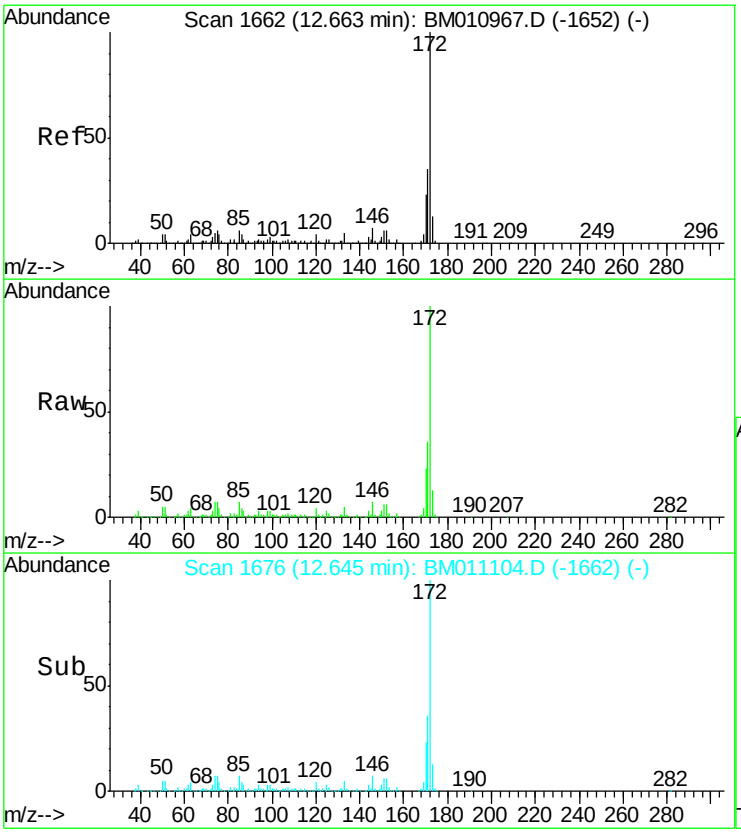
#41
2,4,6-Tribromophenol
Concen: 54.63 ng
RT: 15.54 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 419285

Ion	Ratio	Lower	Upper
330	100		
332	93.2	0.0	0.0#
141	42.0	0.0	0.0#

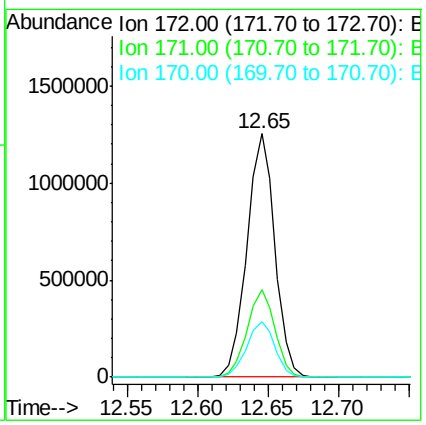


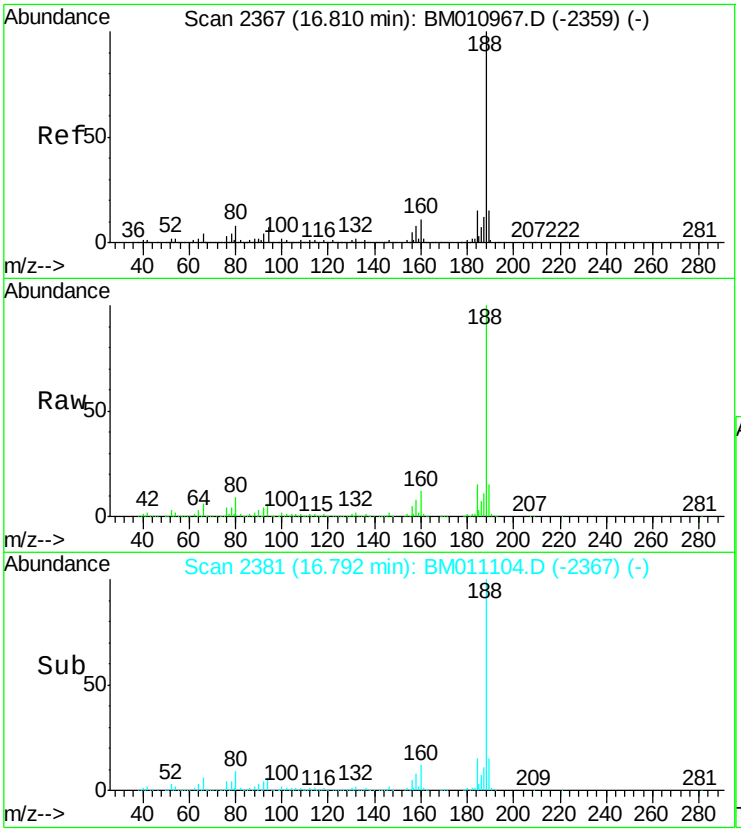


#44
2-Fluorobiphenyl
Concen: 45.64 ng
RT: 12.65 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Tgt Ion:172 Resp: 1742492

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	22.9	18.8	28.2



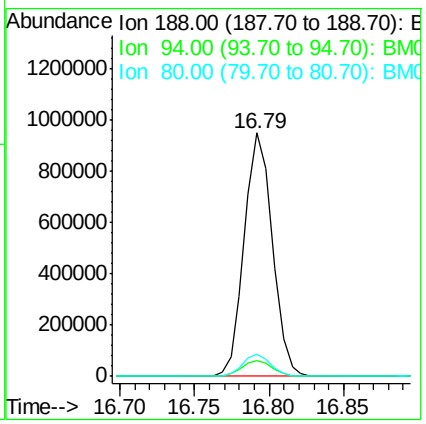


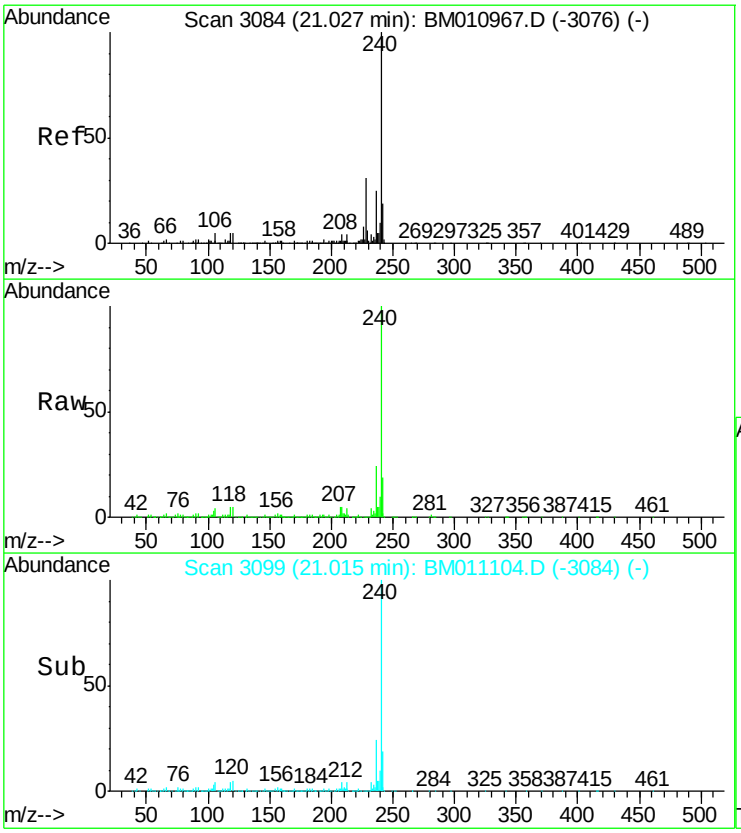
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1236038

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	8.9	9.3	13.9#

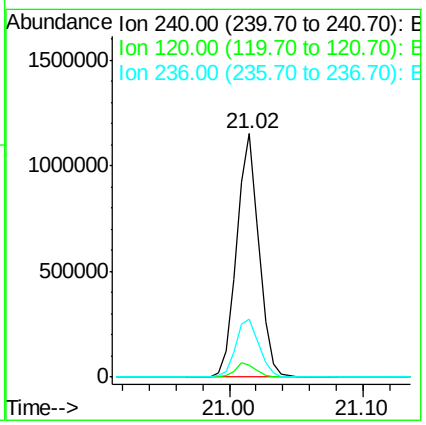


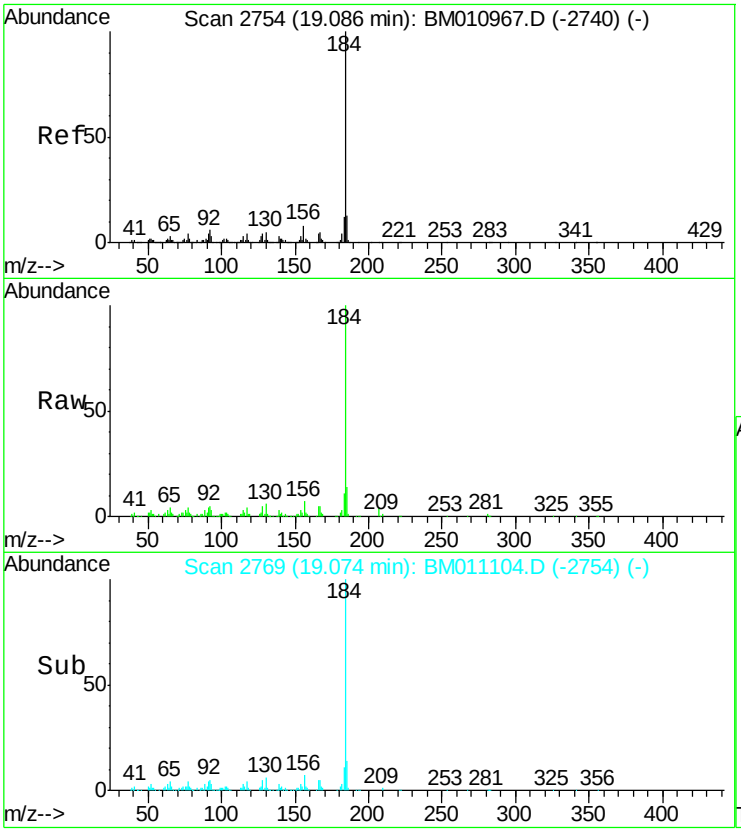


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Tgt Ion:240 Resp: 1334119

Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	23.7	20.0	30.0



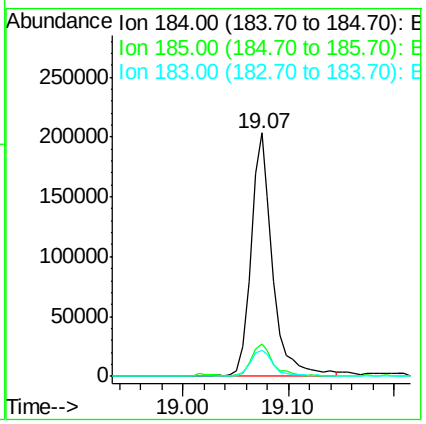


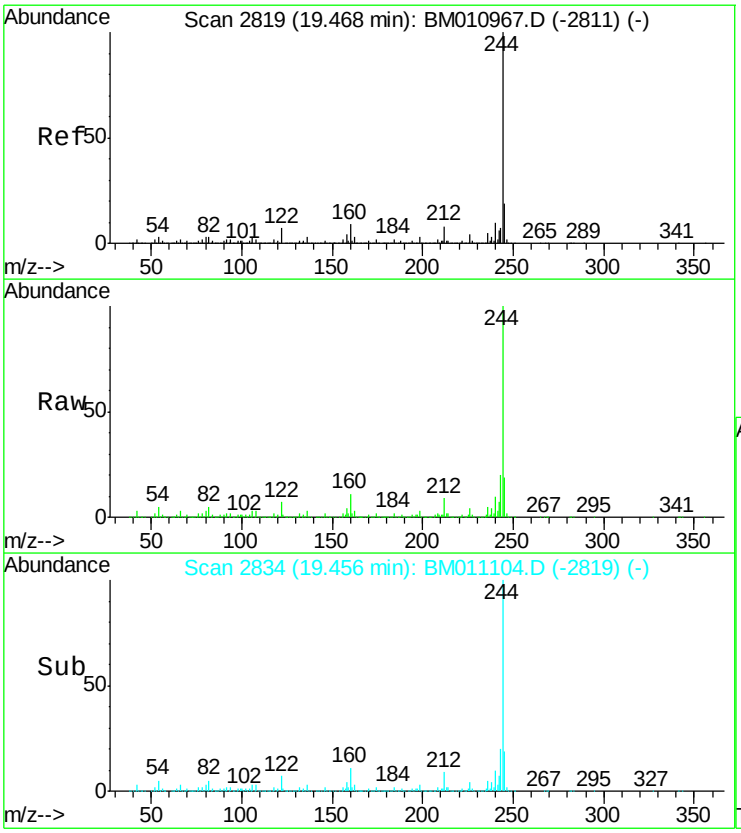
#76
Benzidine
Concen: 9.06 ng
RT: 19.07 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 289223

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.3	16.9
183	10.7	8.9	13.3

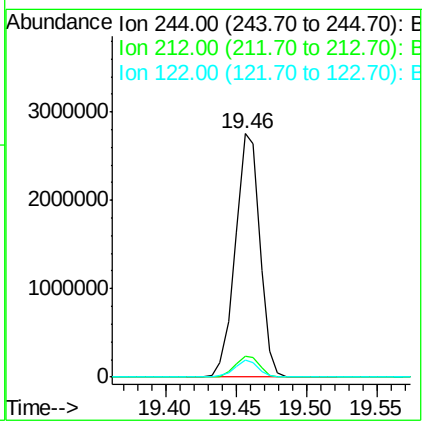


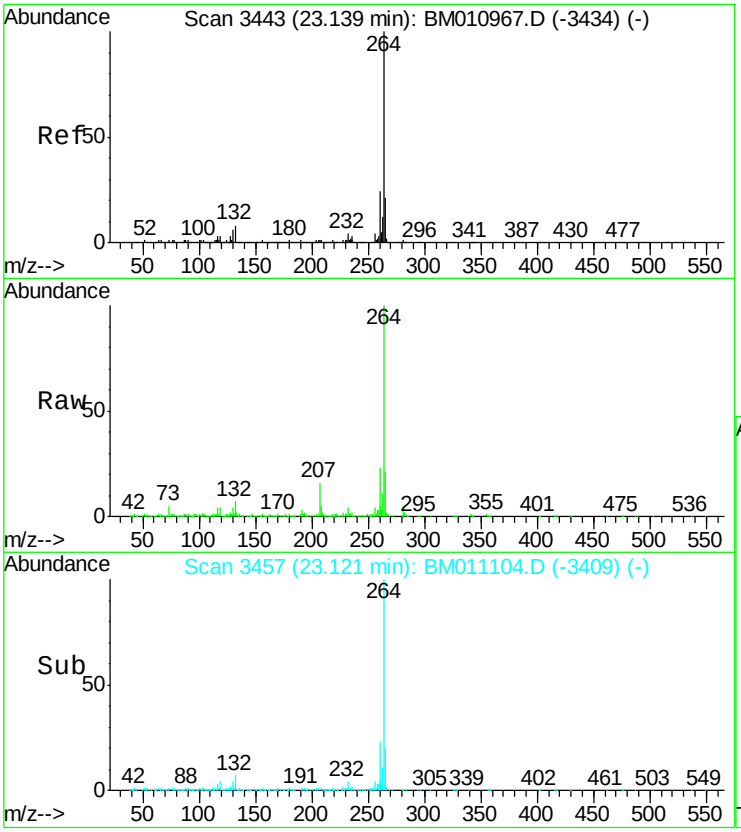


#78
Terphenyl-d14
Concen: 49.38 ng
RT: 19.46 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Tgt Ion:244 Resp: 3326008

Ion	Ratio	Lower	Upper
244	100		
212	8.8	4.9	7.3#
122	6.8	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.12 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BM011104.D
Acq: 03 Aug 2017 00:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 1120911

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.1	17.3	25.9