Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081917\
Data File : BM011323.D
Acq On : 19 Aug 2017 18:05
Operator : SJ/JU
Sample : I4873-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TEC-BIMW

Quant Time: Aug 21 02:14:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	127429	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	430293	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	287171	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	756663	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	1056590	20.00	ng	-0.02
86) Perylene-d12	22.99	264	1014303	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	319978	42.45	ng	-0.02
7) Phenol-d6	6.47	99	301737	28.17	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1092417	95.28	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	437075	94.96	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1781296	77.79	ng	-0.02
78) Terphenyl-d14	19.37	244	3359681	62.99	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	13.42	163	62186	2.531	ng	# 96

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

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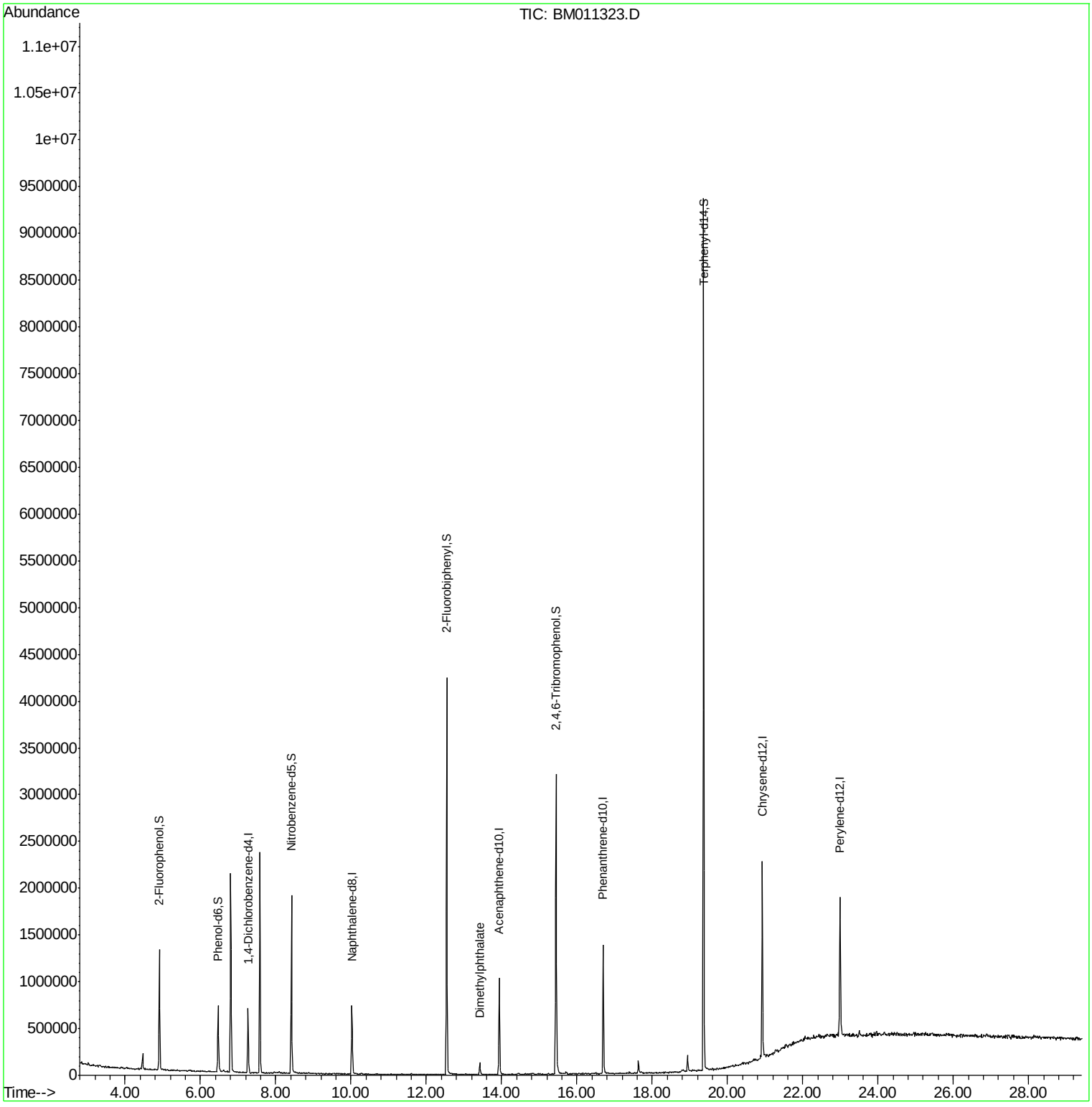
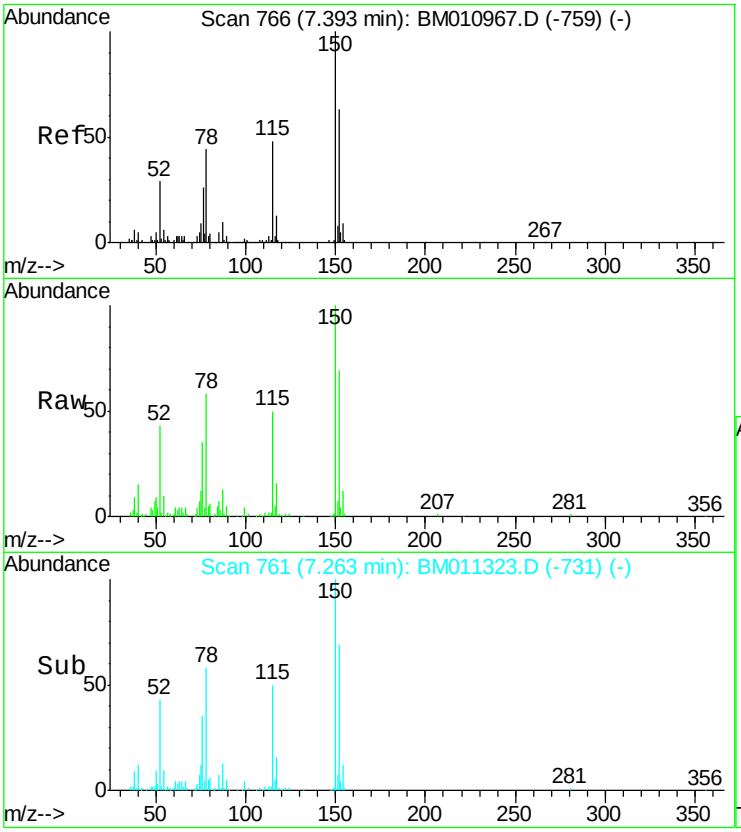


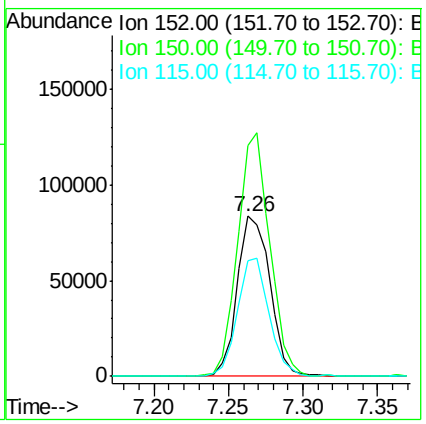


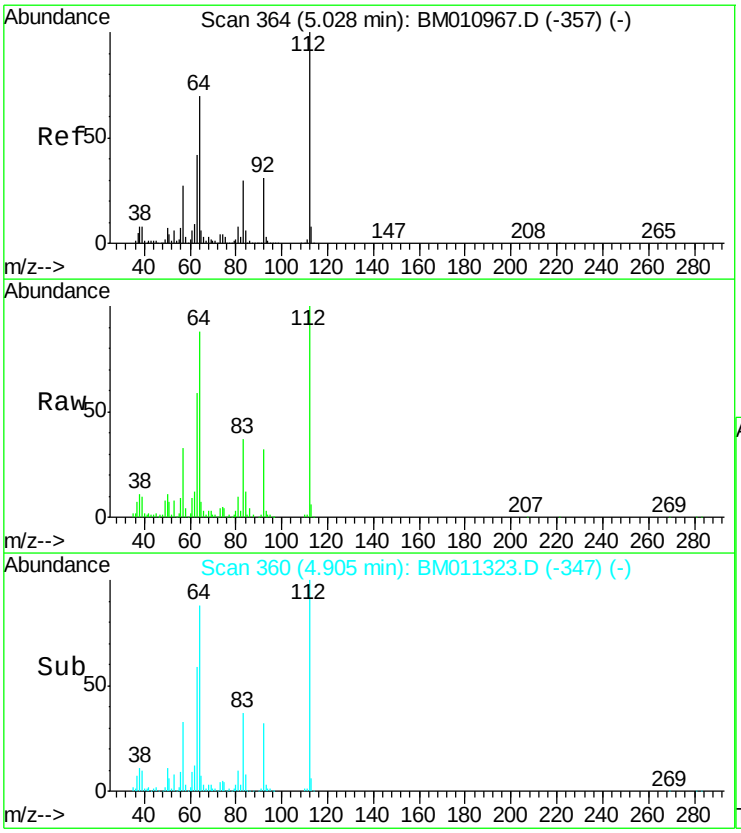
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Instrument :
BNA_M
ClientSampleId :
TEC-BIMW

Tgt Ion:152 Resp: 127429

Ion	Ratio	Lower	Upper
152	100		
150	144.2	119.5	179.3
115	72.4	43.0	64.4#

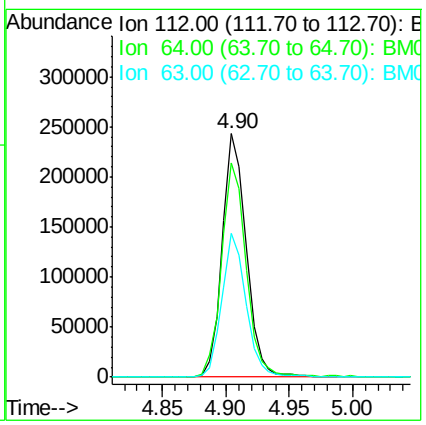


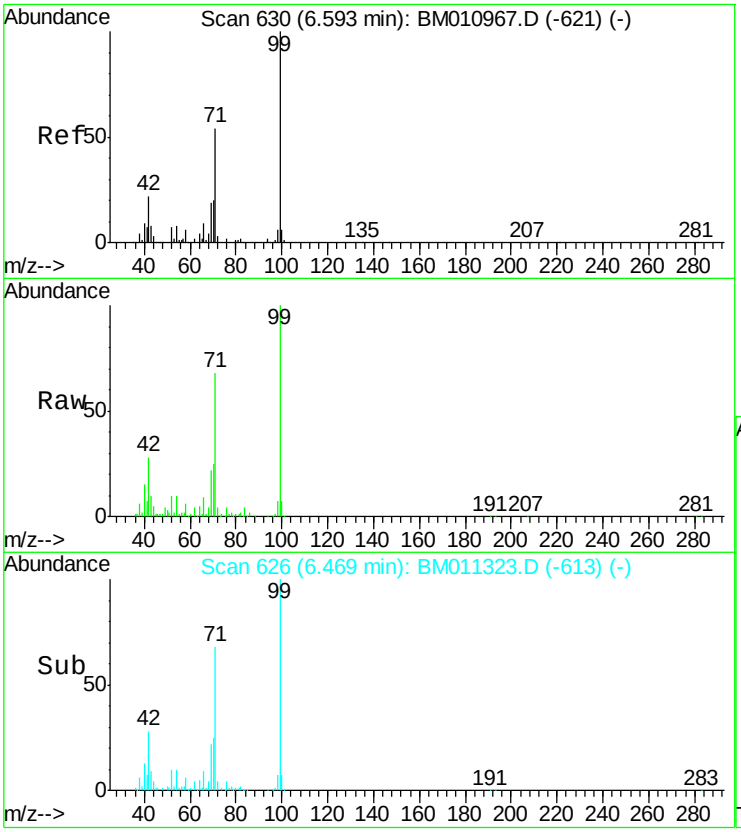


#5
2-Fluorophenol
Concen: 42.447 ng
RT: 4.90 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Tgt Ion:112 Resp: 319978

Ion	Ratio	Lower	Upper
112	100		
64	88.1	38.6	57.8#
63	58.9	19.3	28.9#



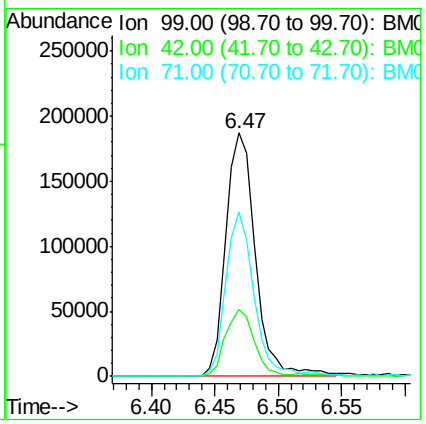


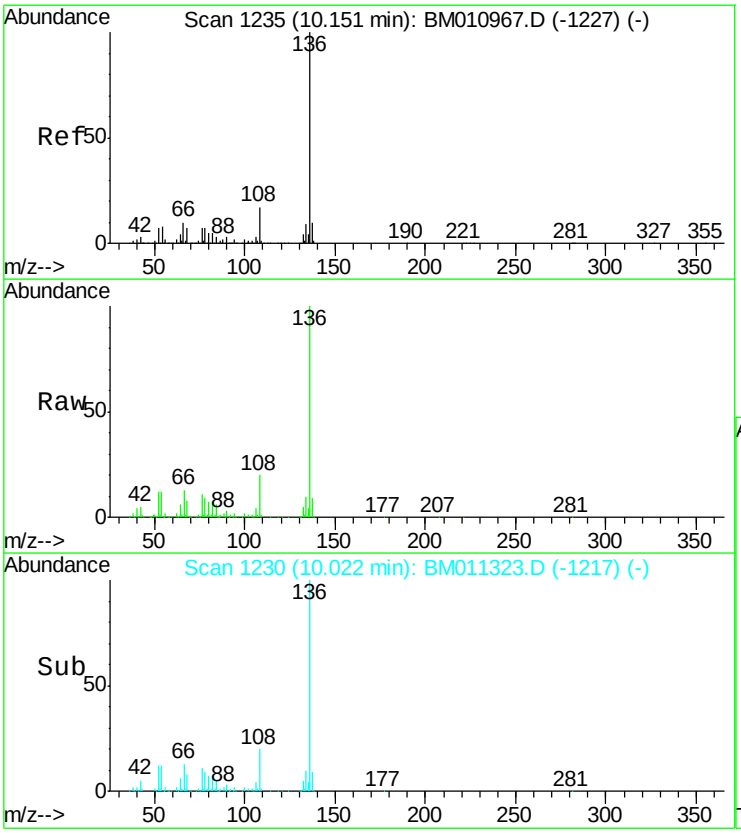
#7
Phenol-d6
Concen: 28.172 ng
RT: 6.47 min Scan# 626
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Instrument :
BNA_M
ClientSampleId :
TEC-BIMW

Tgt Ion: 99 Resp: 301737

Ion	Ratio	Lower	Upper
99	100		
42	27.6	11.0	16.4#
71	67.6	23.4	35.2#

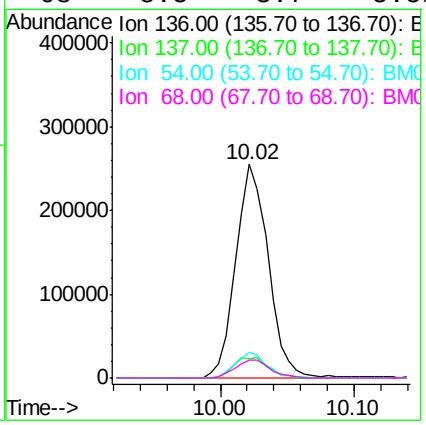


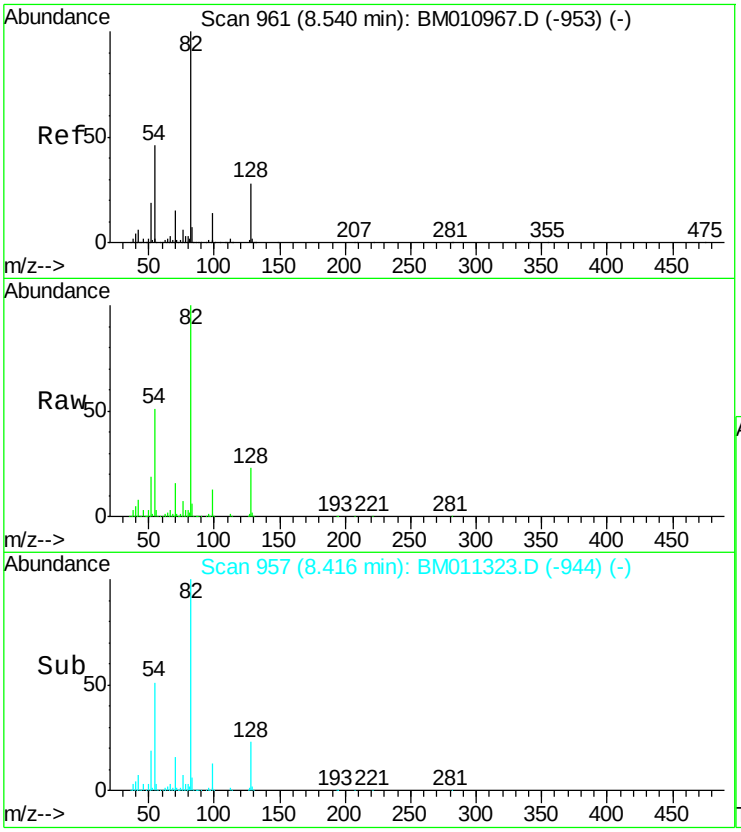


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Tgt Ion:136 Resp: 430293

Ion	Ratio	Lower	Upper
136	100		
137	9.2	8.7	13.1
54	11.9	4.6	6.8#
68	8.5	3.7	5.5#



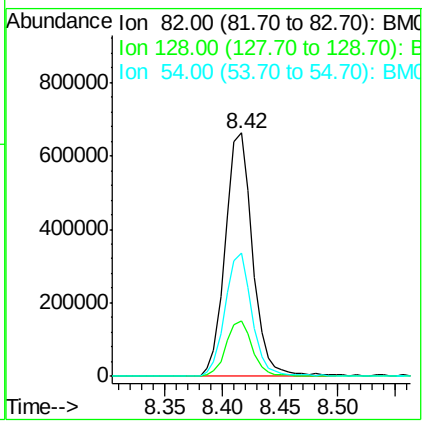


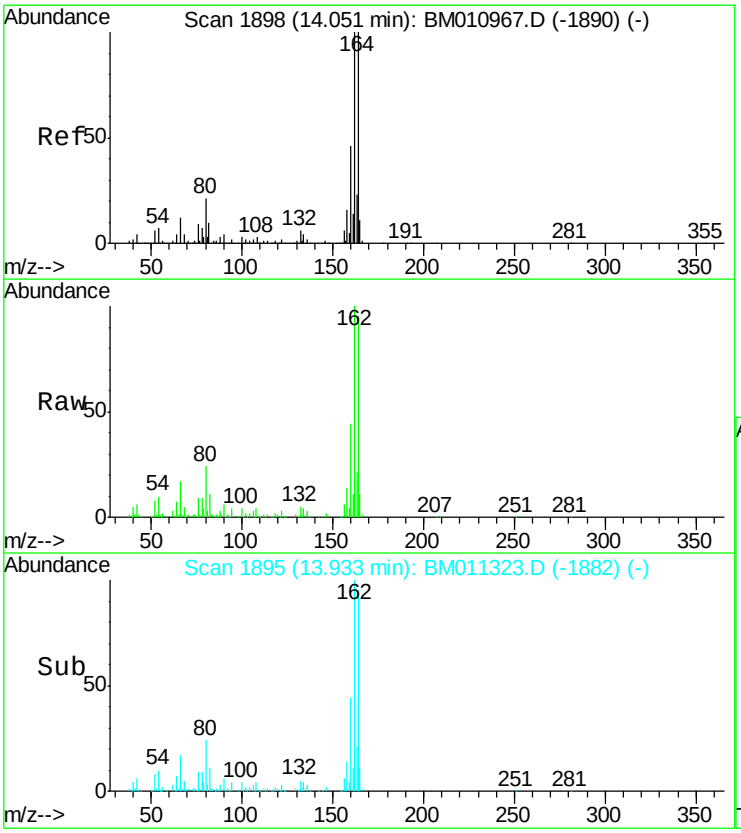
#23
Nitrobenzene-d5
Concen: 95.284 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Instrument :
BNA_M
ClientSampleId :
TEC-BIMW

Tgt Ion: 82 Resp: 1092417

Ion	Ratio	Lower	Upper
82	100		
128	22.6	32.8	49.2#
54	50.6	40.6	60.8

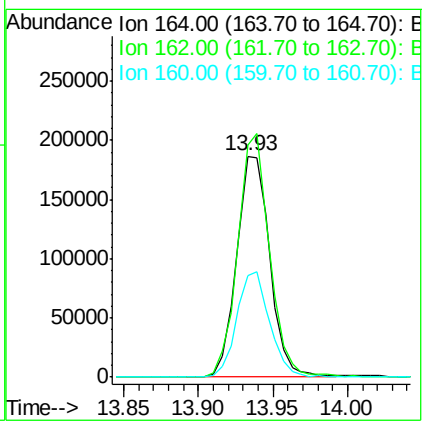


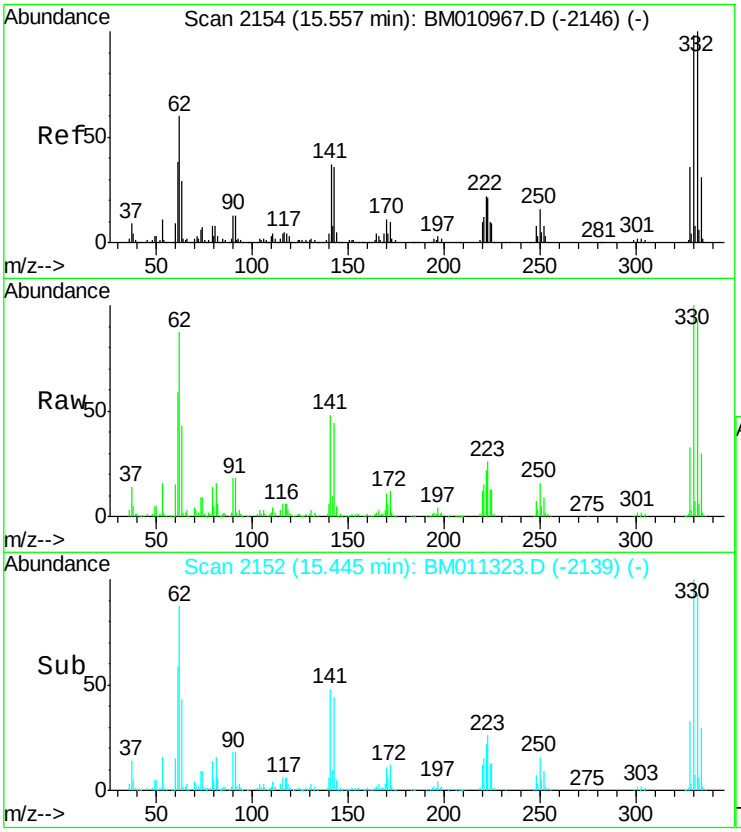


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.93 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Tgt Ion:164 Resp: 287171

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.4	123.6
160	46.3	35.8	53.6



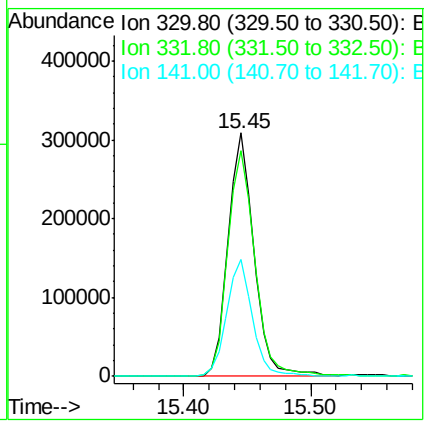


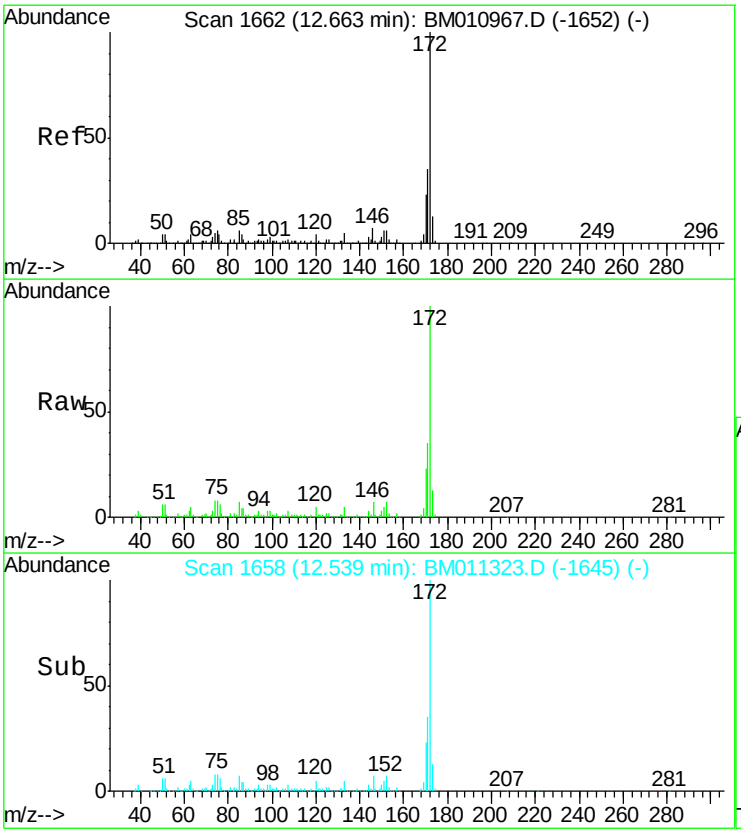
#41
2,4,6-Tribromophenol
Concen: 94.960 ng
RT: 15.45 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Instrument :
BNA_M
ClientSampleId :
TEC-BIMW

Tgt Ion:330 Resp: 437075

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	47.9	0.0	0.0#

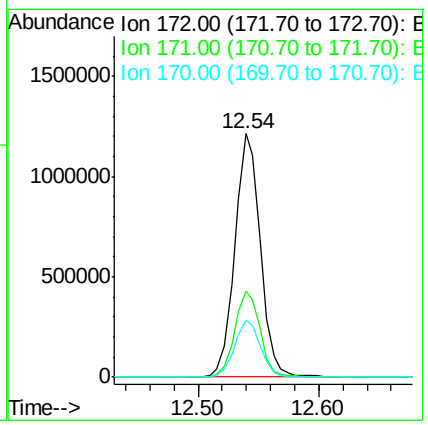


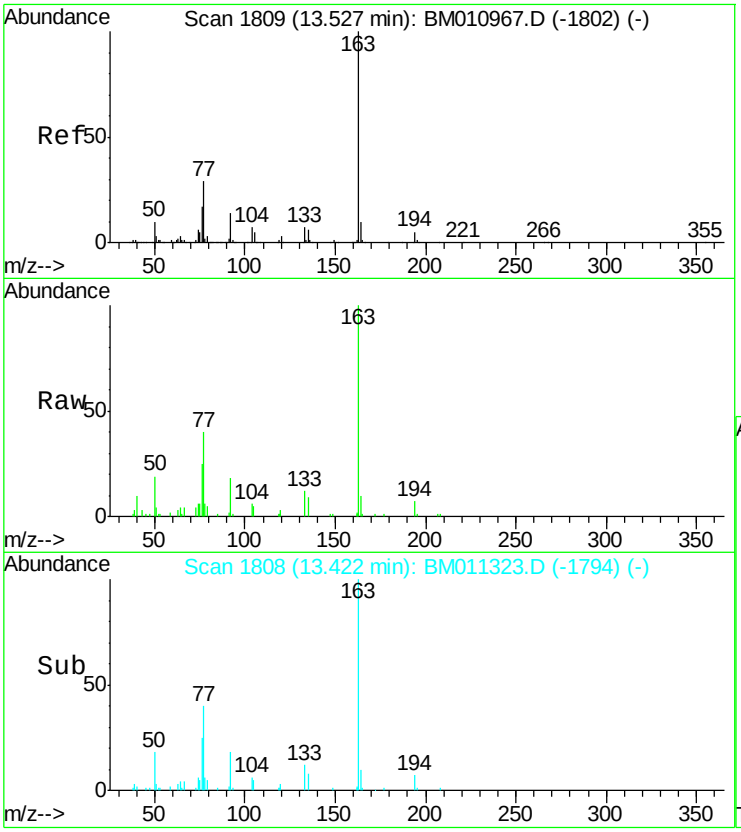


#44
2-Fluorobiphenyl
Concen: 77.793 ng
RT: 12.54 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Tgt Ion:172 Resp: 1781296

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.2	18.8	28.2



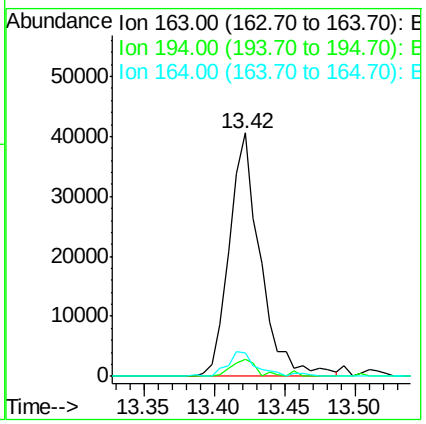


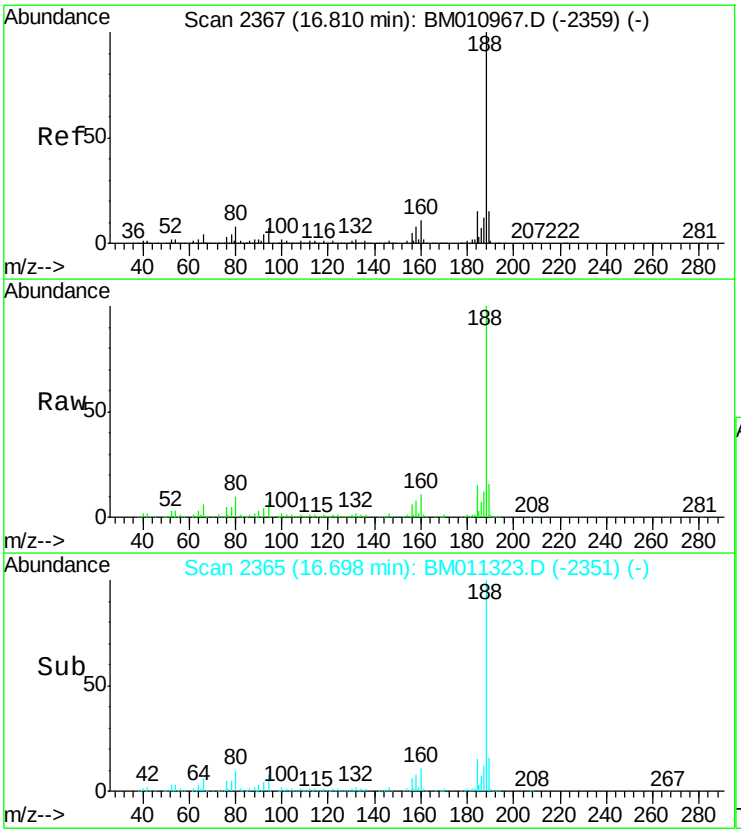
#49
Dimethylphthalate
Concen: 2.531 ng
RT: 13.42 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Instrument :
BNA_M
ClientSampleId :
TEC-BIMW

Tgt Ion:163 Resp: 62186

Ion	Ratio	Lower	Upper
163	100		
194	7.1	2.7	4.1#
164	9.7	8.2	12.2

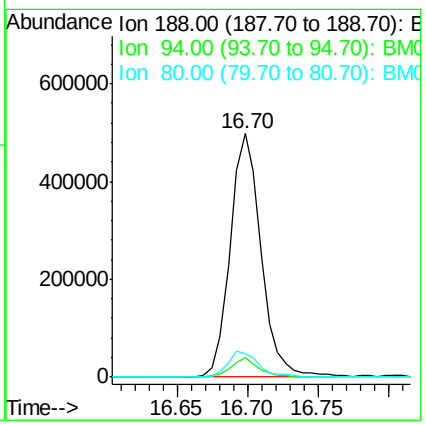


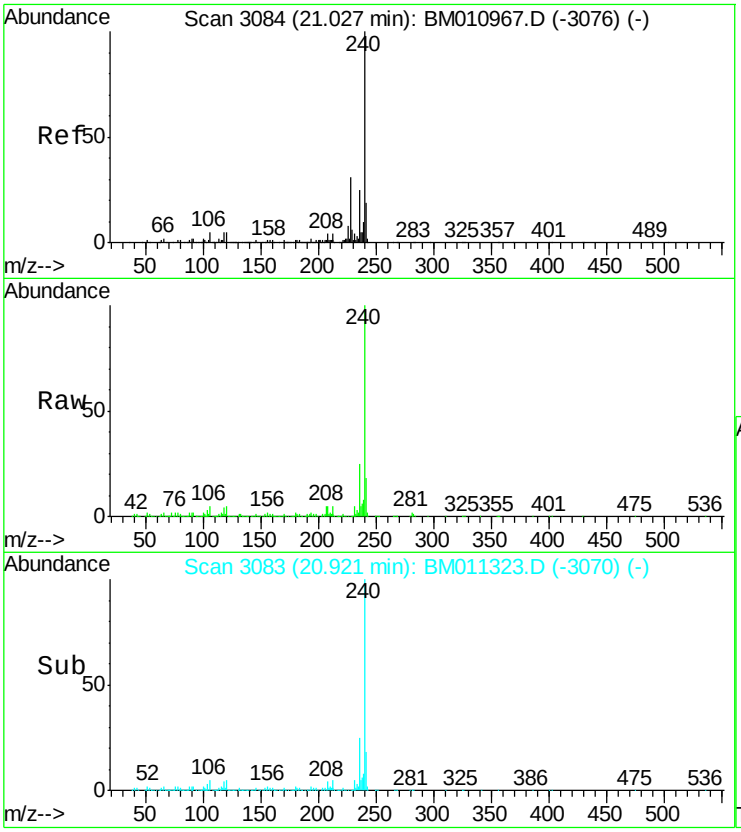


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Tgt Ion:188 Resp: 756663

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	9.5	9.3	13.9



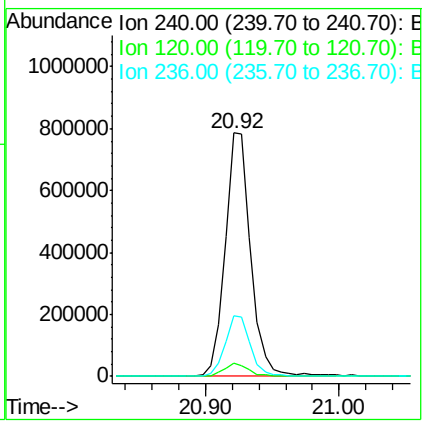


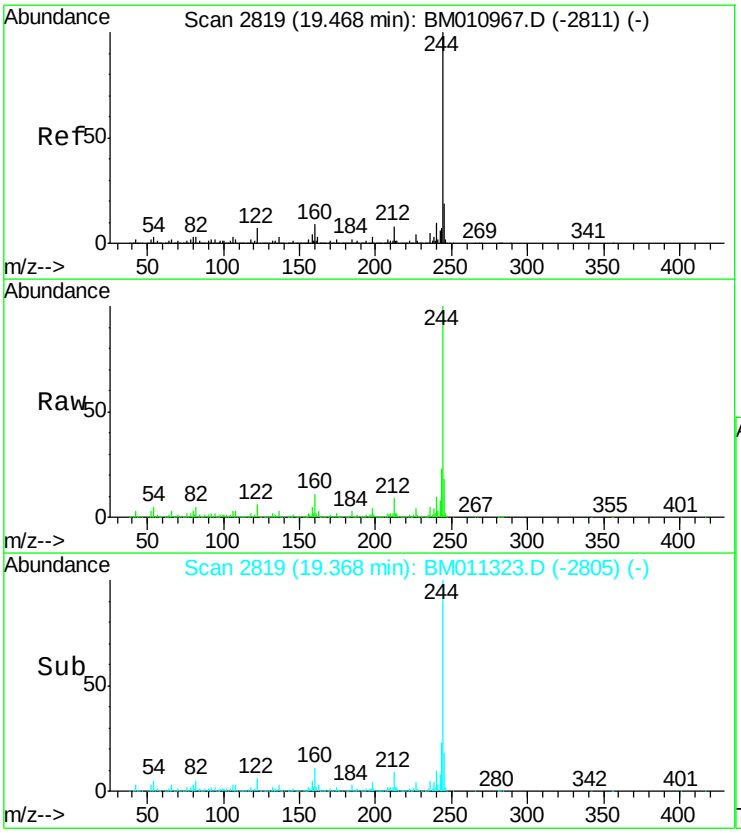
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Instrument :
BNA_M
ClientSampleId :
TEC-BIMW

Tgt Ion:240 Resp: 1056590

Ion	Ratio	Lower	Upper
240	100		
120	5.3	8.2	12.2#
236	25.1	20.0	30.0

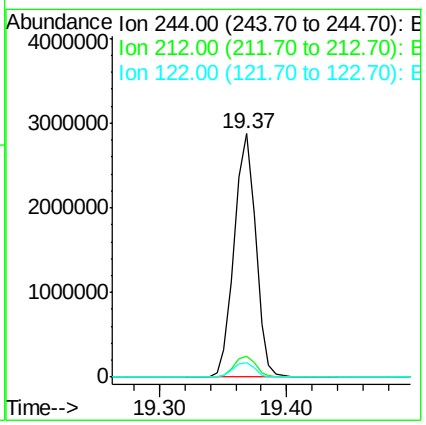


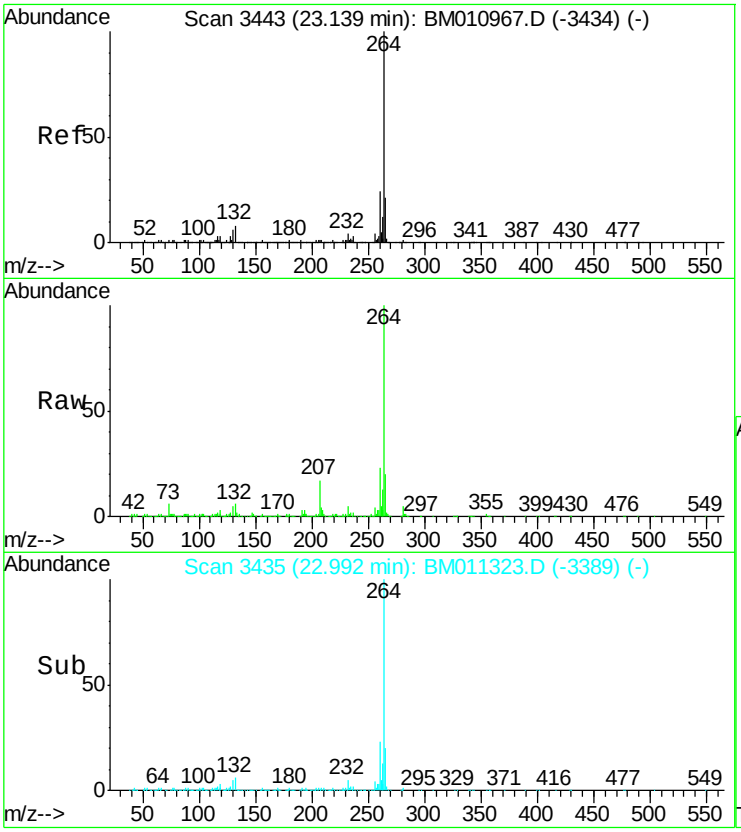


#78
Terphenyl-d14
Concen: 62.987 ng
RT: 19.37 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Tgt Ion:244 Resp: 3359681

Ion	Ratio	Lower	Upper
244	100		
212	8.8	4.9	7.3#
122	6.1	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 22.99 min Scan# 3435
Delta R.T. -0.03 min
Lab File: BM011323.D
Acq: 19 Aug 2017 18:05

Instrument :
BNA_M
ClientSampleId :
TEC-BIMW

Tgt Ion:264 Resp: 1014303

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	19.7	17.3	25.9