Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010826.D
Acq On : 13 Jul 2017 23:22
Operator : SJ/JU
Sample : PB100603TB
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB100603TB

Quant Time: Jul 14 01:28:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	253223	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	974146	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	601035	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1406867	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1241295	20.00	ng	0.00
86) Perylene-d12	23.19	264	1017415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2045498	133.81	ng	0.00
7) Phenol-d6	6.64	99	2723626	129.24	ng	0.00
23) Nitrobenzene-d5	8.59	82	2040641	80.52	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1188975	129.45	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	4248169	87.93	ng	0.00
78) Terphenyl-d14	19.51	244	5309894	82.74	ng	0.00
Target Compounds						Qvalue

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

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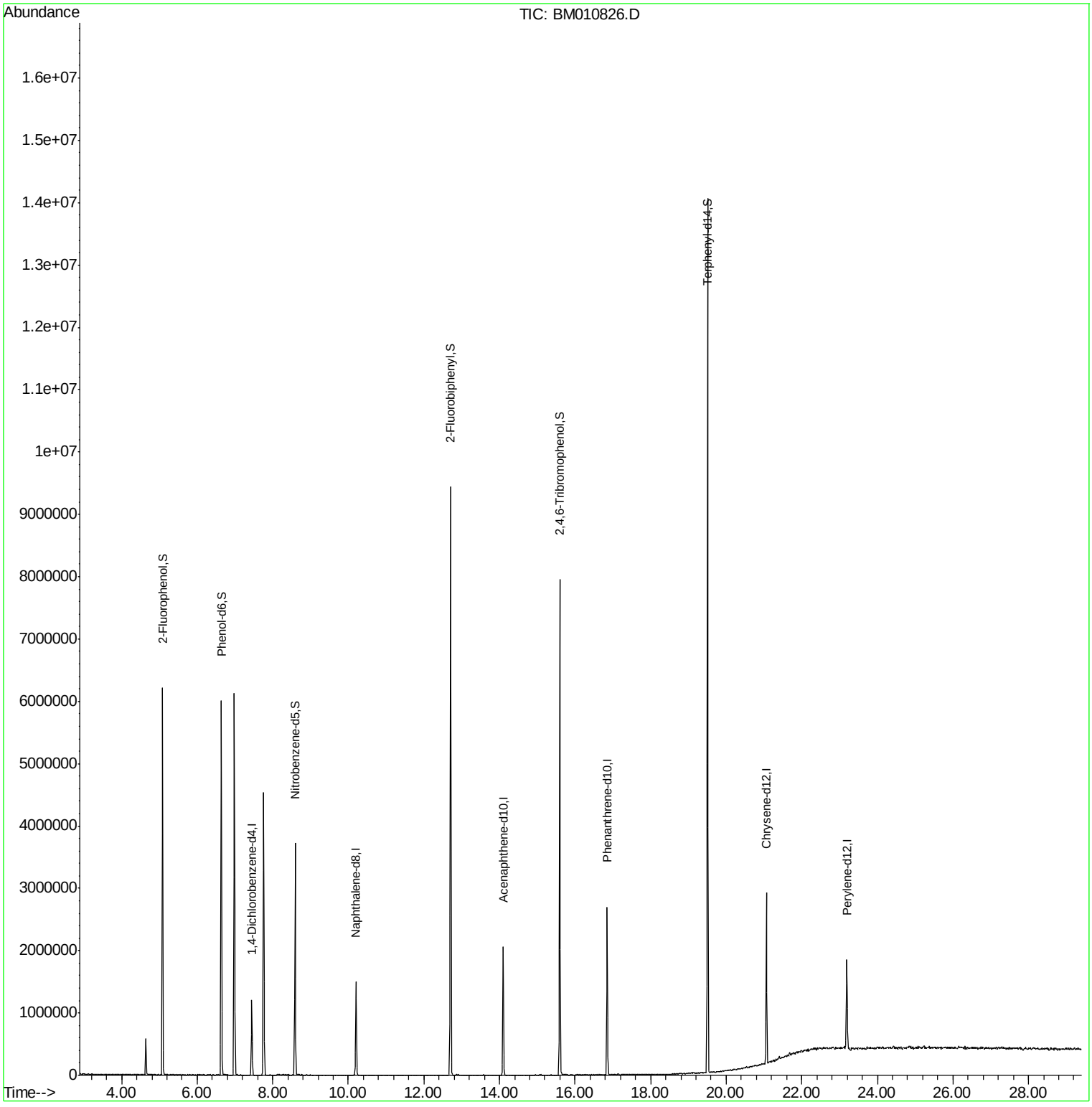
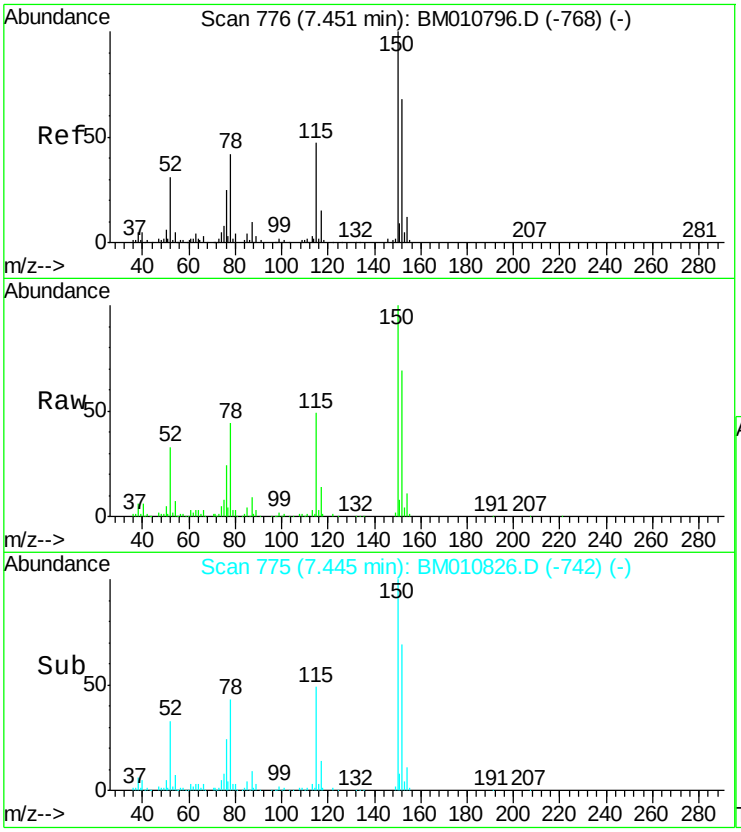


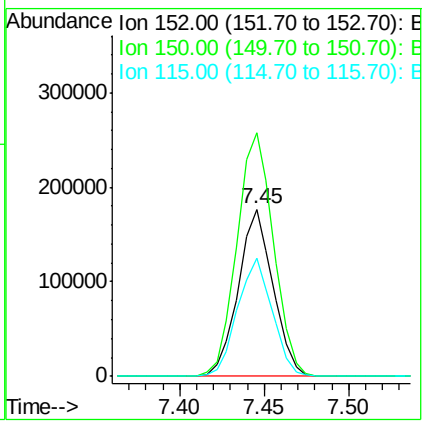


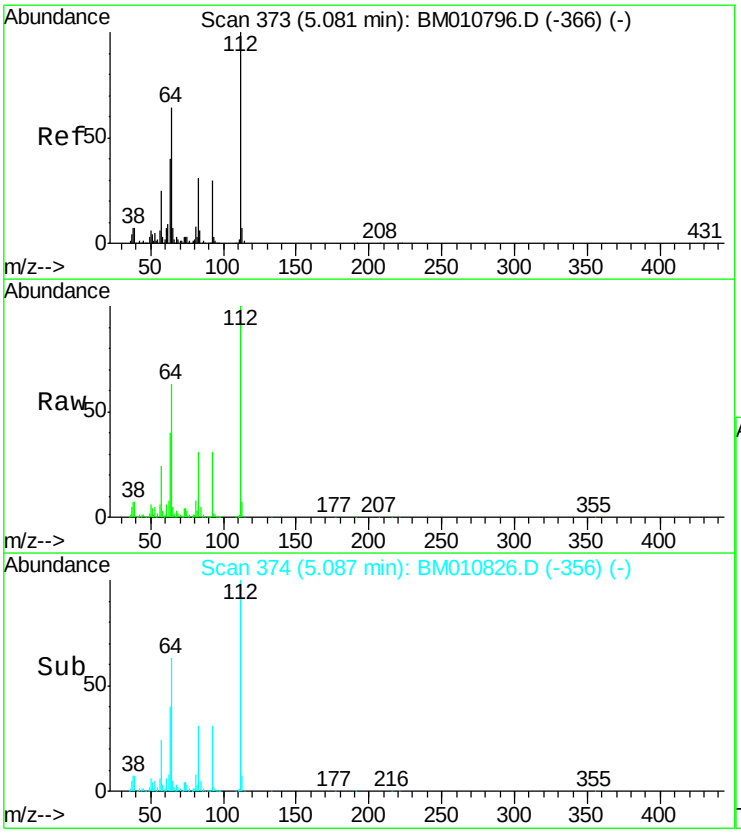
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Instrument :
BNA_M
ClientSampleId :
PB100603TB

Tgt Ion:152 Resp: 253223

Ion	Ratio	Lower	Upper
152	100		
150	145.6	119.5	179.3
115	70.6	43.0	64.4#

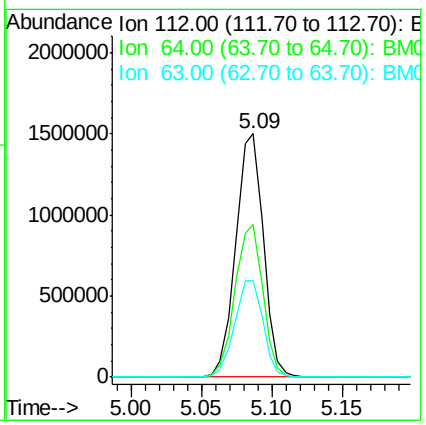


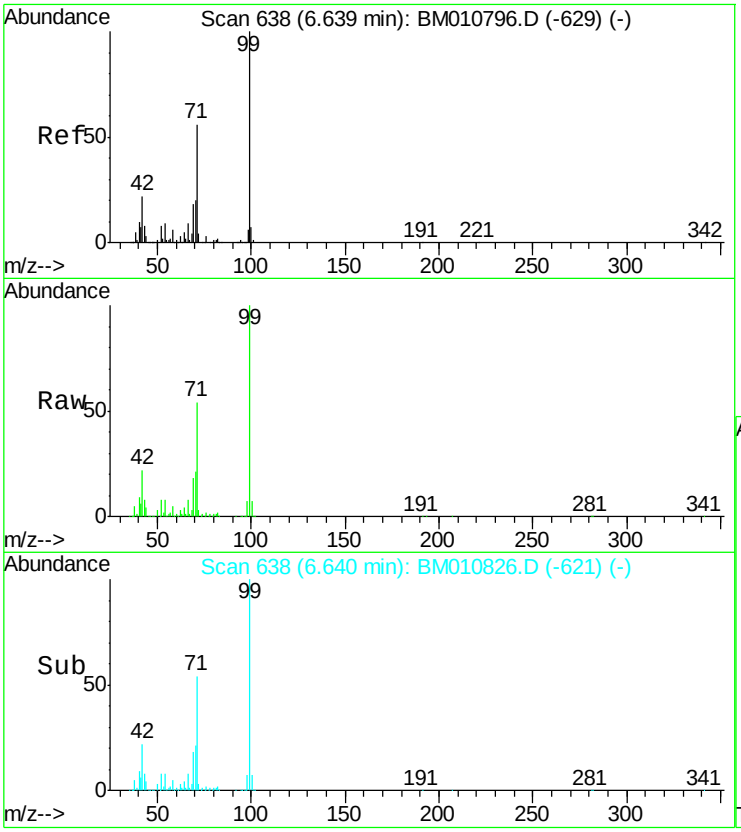


#5
2-Fluorophenol
Concen: 133.809 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Tgt Ion:112 Resp: 2045498

Ion	Ratio	Lower	Upper
112	100		
64	62.8	38.6	57.8#
63	39.7	19.3	28.9#



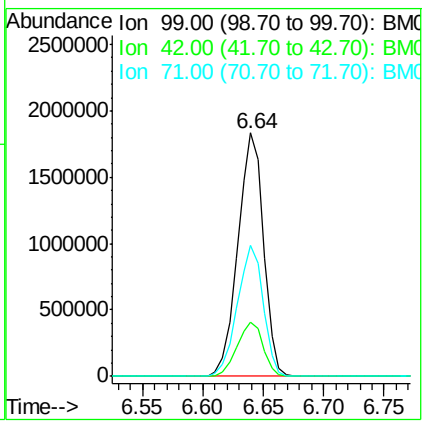


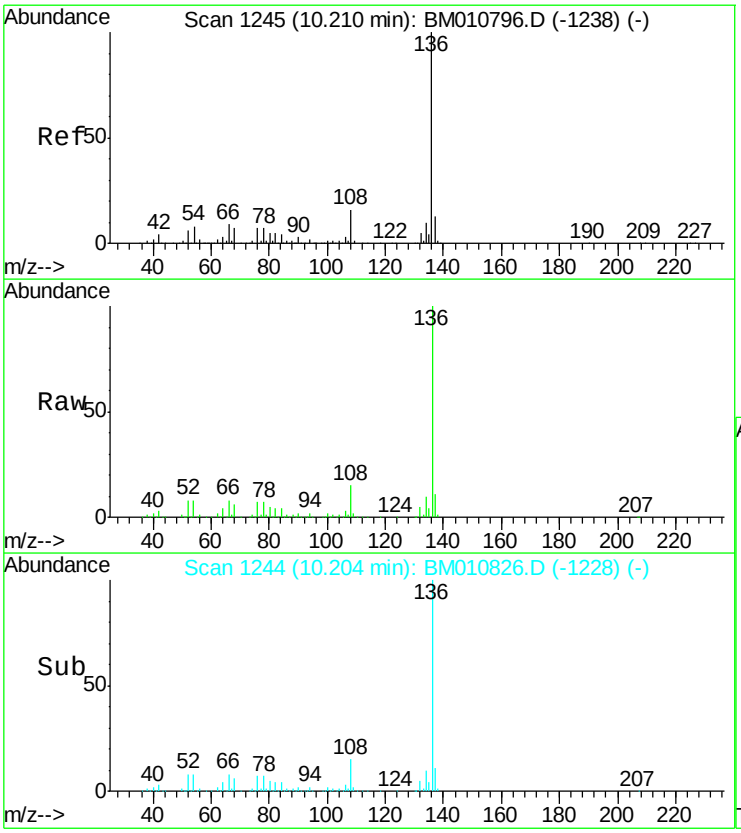
#7
Phenol-d6
Concen: 129.241 ng
RT: 6.64 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Instrument :
BNA_M
ClientSampleId :
PB100603TB

Tgt Ion: 99 Resp: 2723626

Ion	Ratio	Lower	Upper
99	100		
42	22.0	11.0	16.4#
71	54.0	23.4	35.2#

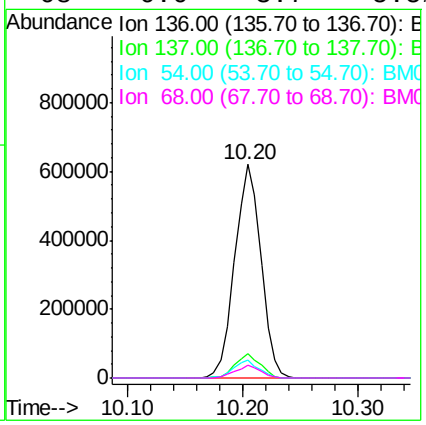


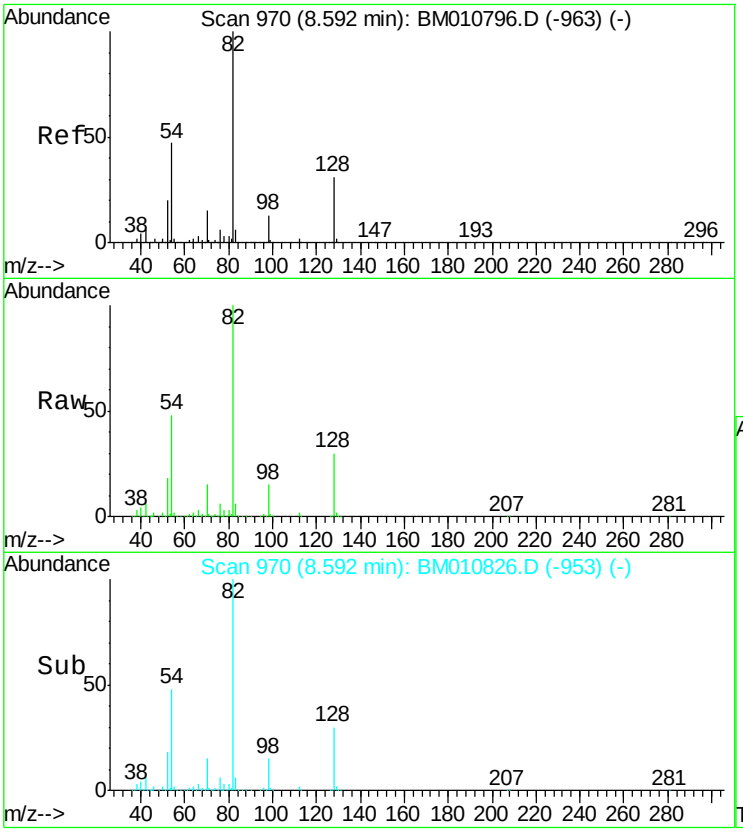


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Tgt Ion:136 Resp: 974146

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.2	4.6	6.8#
68	6.0	3.7	5.5#



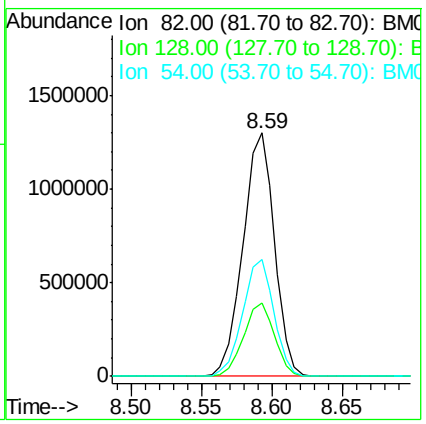


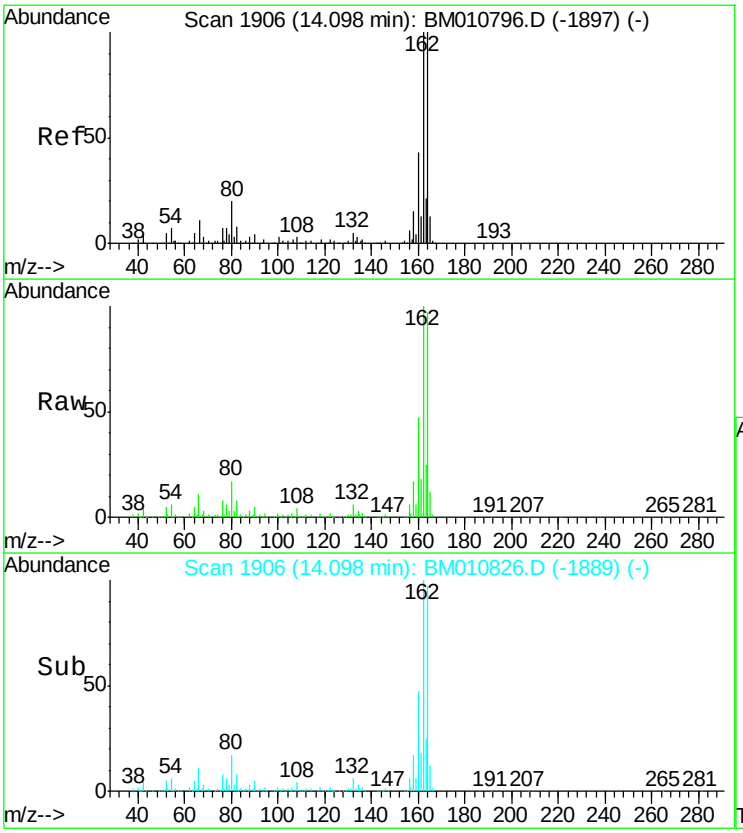
#23
Nitrobenzene-d5
Concen: 80.519 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Instrument :
BNA_M
ClientSampleId :
PB100603TB

Tgt Ion: 82 Resp: 2040641

Ion	Ratio	Lower	Upper
82	100		
128	29.9	32.8	49.2#
54	48.2	40.6	60.8

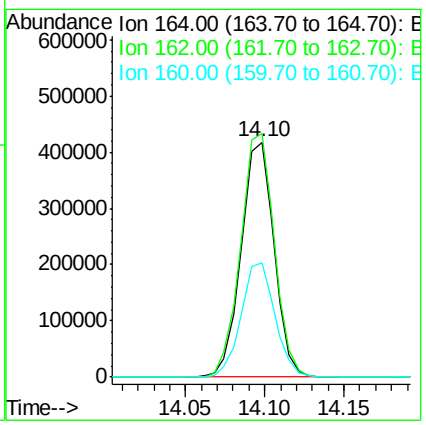


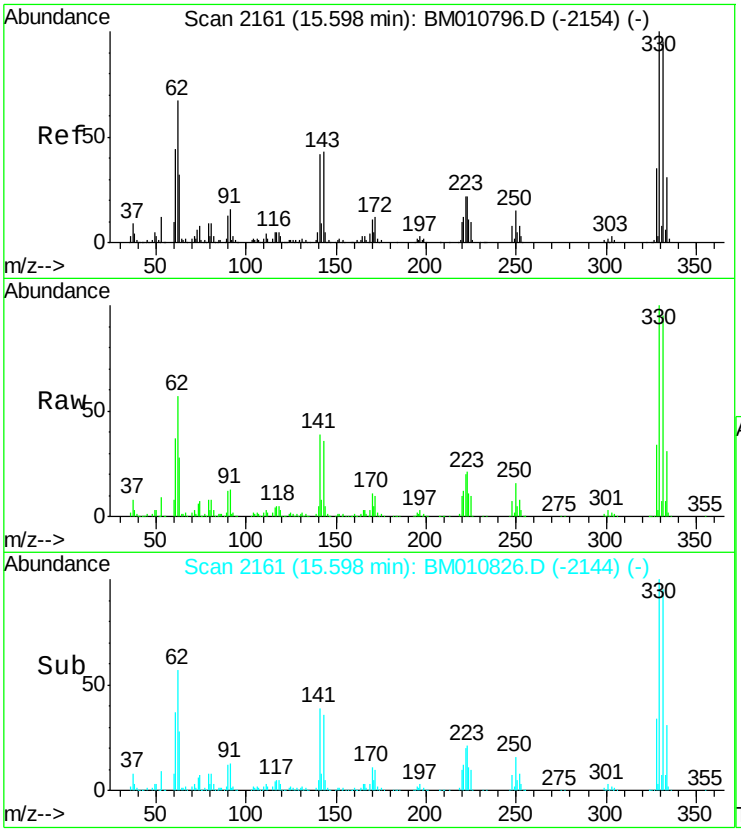


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.10 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Tgt Ion:164 Resp: 601035

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.4	123.6
160	48.7	35.8	53.6



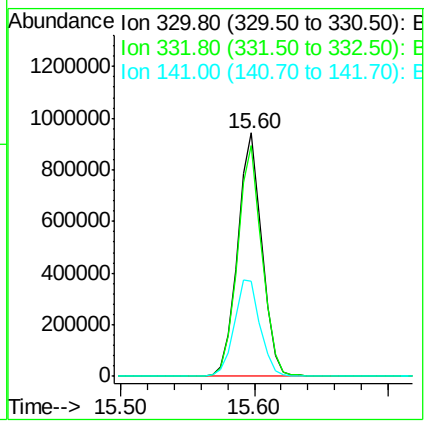


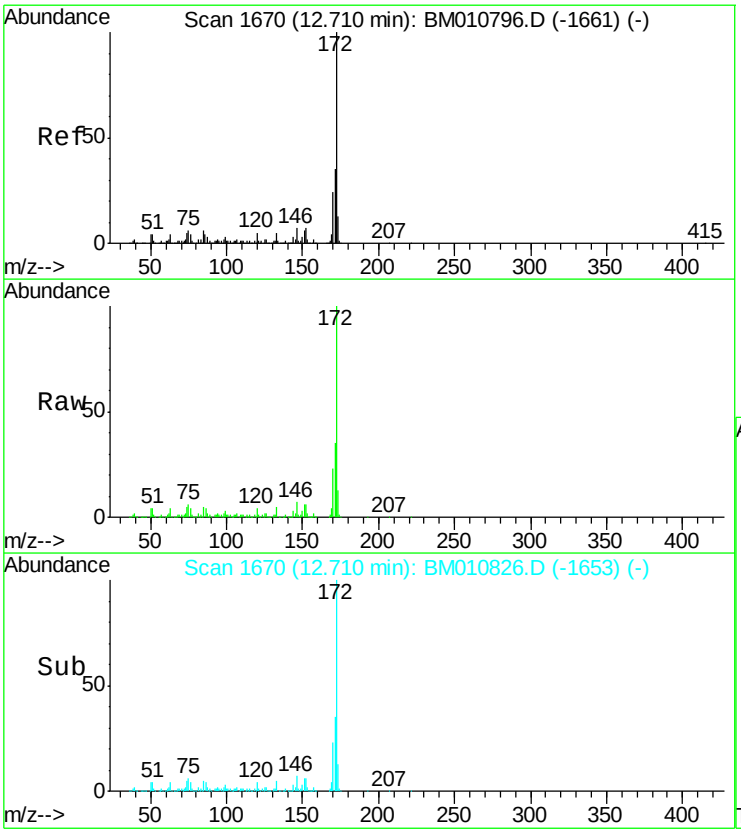
#41
2,4,6-Tribromophenol
Concen: 129.448 ng
RT: 15.60 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Instrument :
BNA_M
ClientSampleId :
PB100603TB

Tgt Ion:330 Resp: 1188975

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	42.3	0.0	0.0#

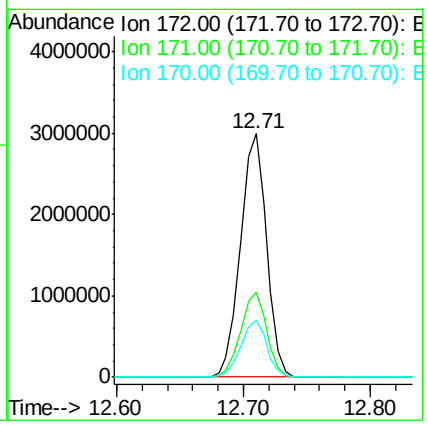


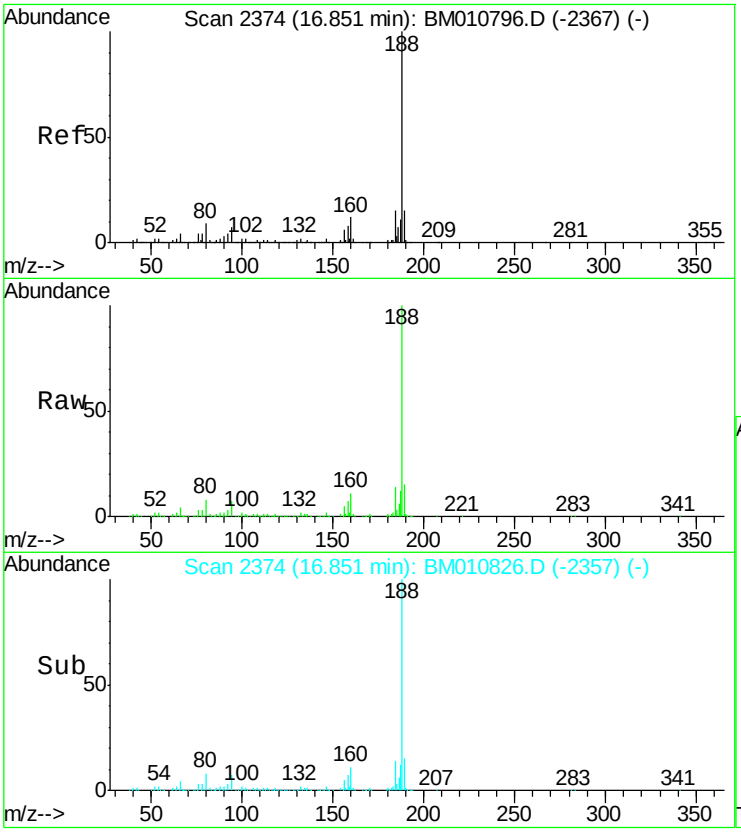


#44
2-Fluorobiphenyl
Concen: 87.929 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Tgt Ion:172 Resp: 4248169

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.5	18.8	28.2



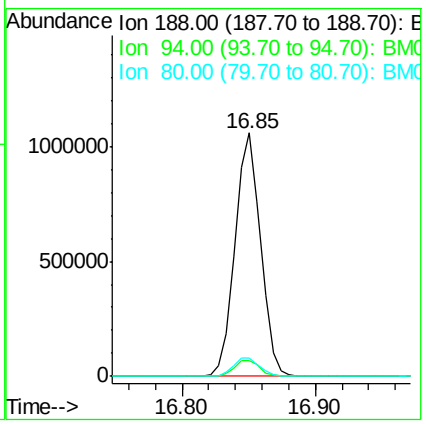


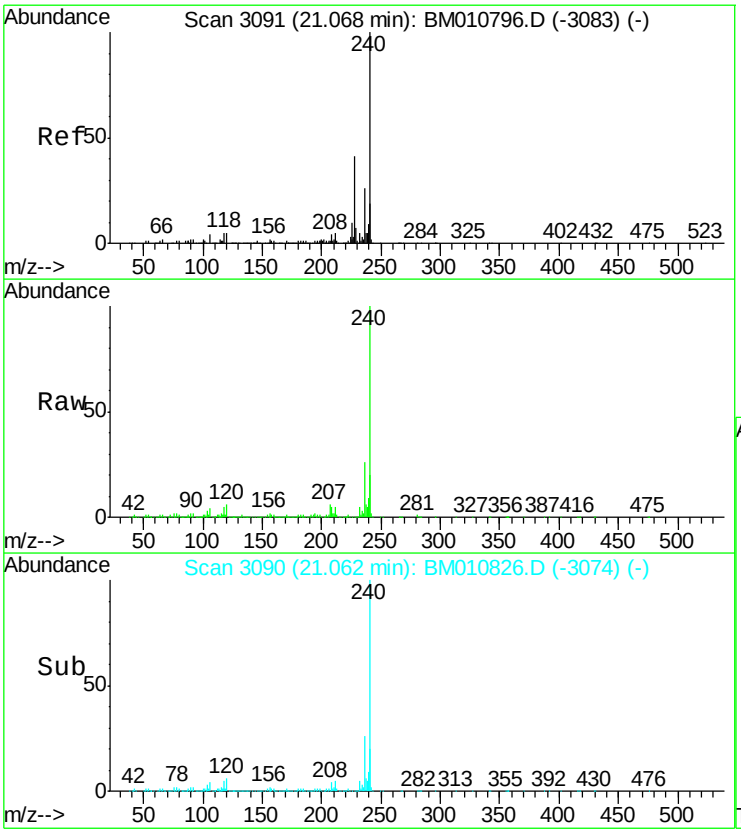
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Instrument :
BNA_M
ClientSampleId :
PB100603TB

Tgt Ion:188 Resp: 1406867

Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.7	13.1#
80	7.5	9.3	13.9#

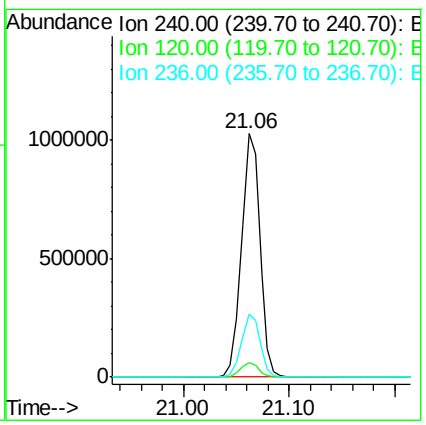


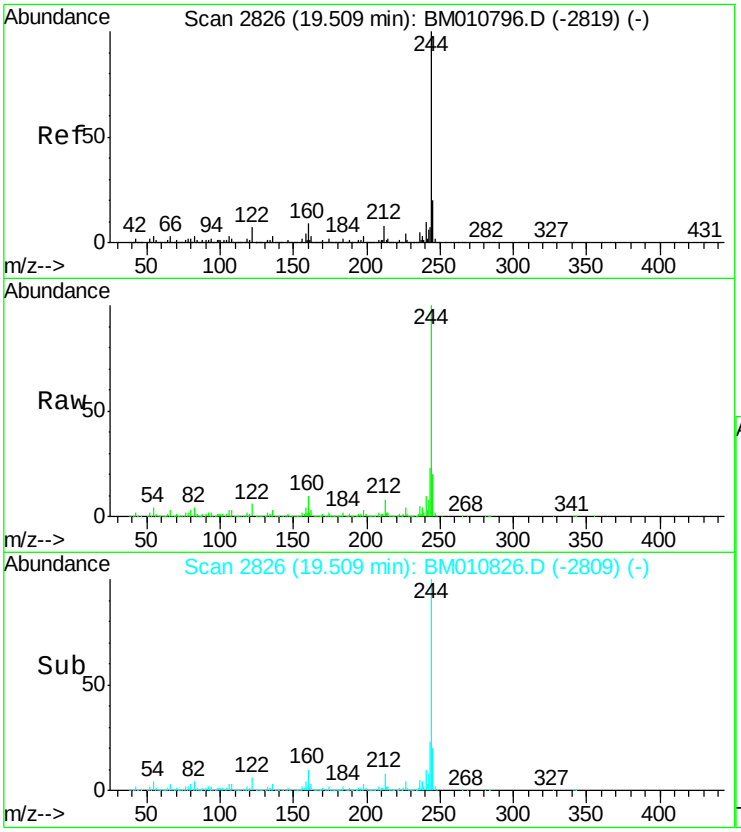


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Tgt Ion:240 Resp: 1241295

Ion	Ratio	Lower	Upper
240	100		
120	5.8	8.2	12.2#
236	25.7	20.0	30.0



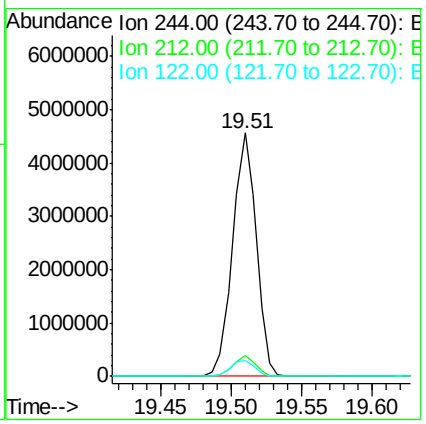


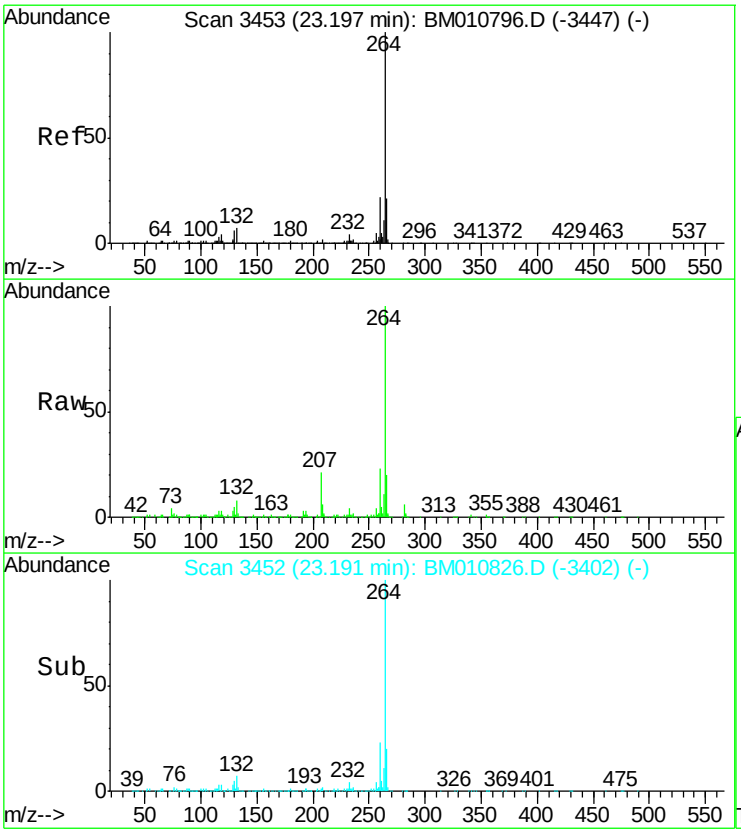
#78
Terphenyl-d14
Concen: 82.735 ng
RT: 19.51 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Instrument :
BNA_M
ClientSampleId :
PB100603TB

Tgt Ion:244 Resp: 5309894

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	6.4	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Tgt Ion:264 Resp: 1017415

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	20.2	17.3	25.9