Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\
Data File : BM010878.D
Acq On : 18 Jul 2017 19:41
Operator : SJ/JU
Sample : PB100721BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB100721BL

Quant Time: Jul 19 01:02:13 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	7.44	152	301555	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	1171502	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	741657	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1637210	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1442179	20.00	ng	0.00
86) Perylene-d12	23.19	264	1172411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2007188	110.26	ng	0.00
7) Phenol-d6	6.64	99	2640333	105.21	ng	0.00
23) Nitrobenzene-d5	8.59	82	2022891	66.37	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1063683	93.85	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4055173	68.02	ng	0.00
78) Terphenyl-d14	19.50	244	4808772	64.49	ng	0.00
Target Compounds						Qvalue

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

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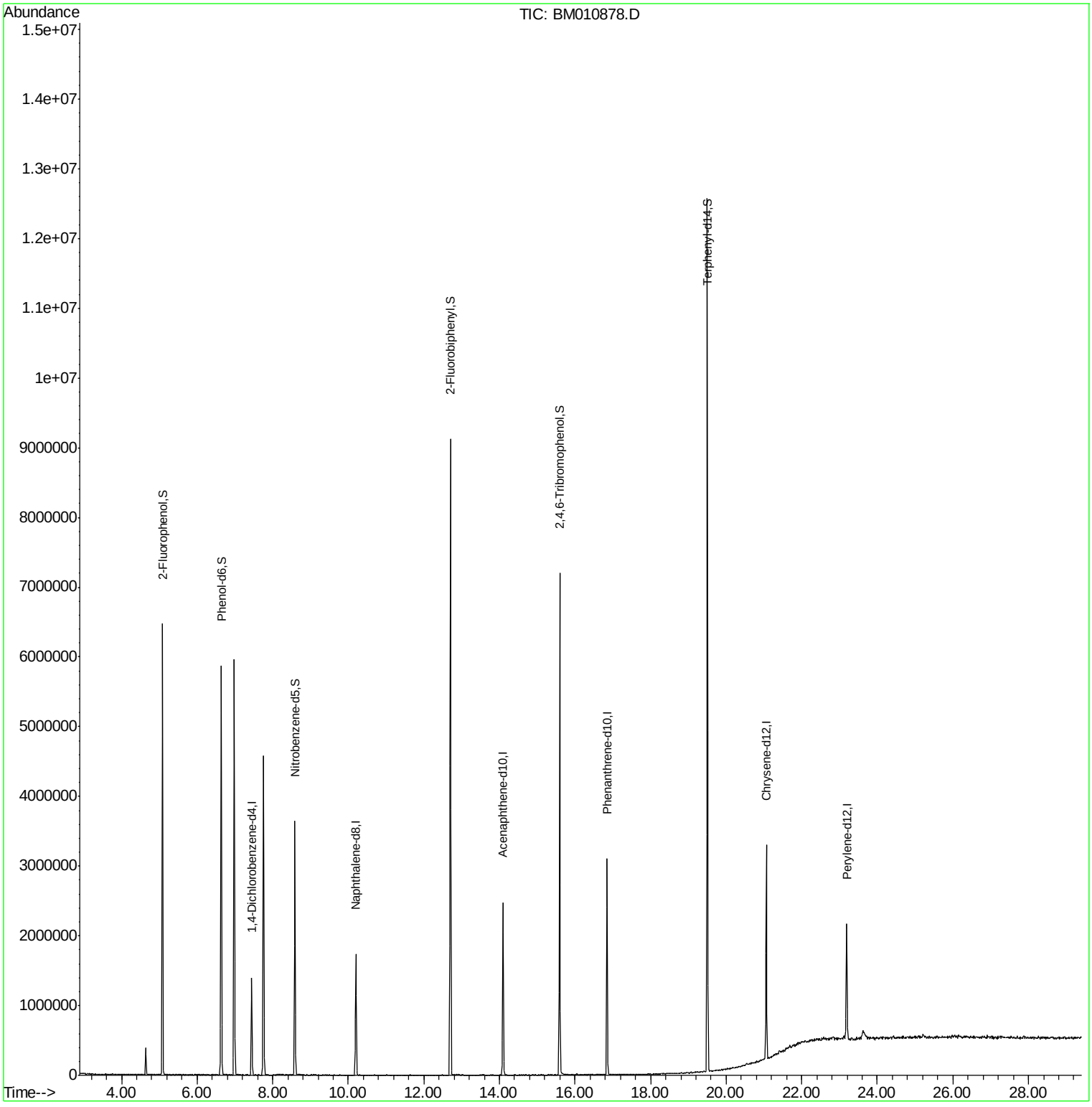
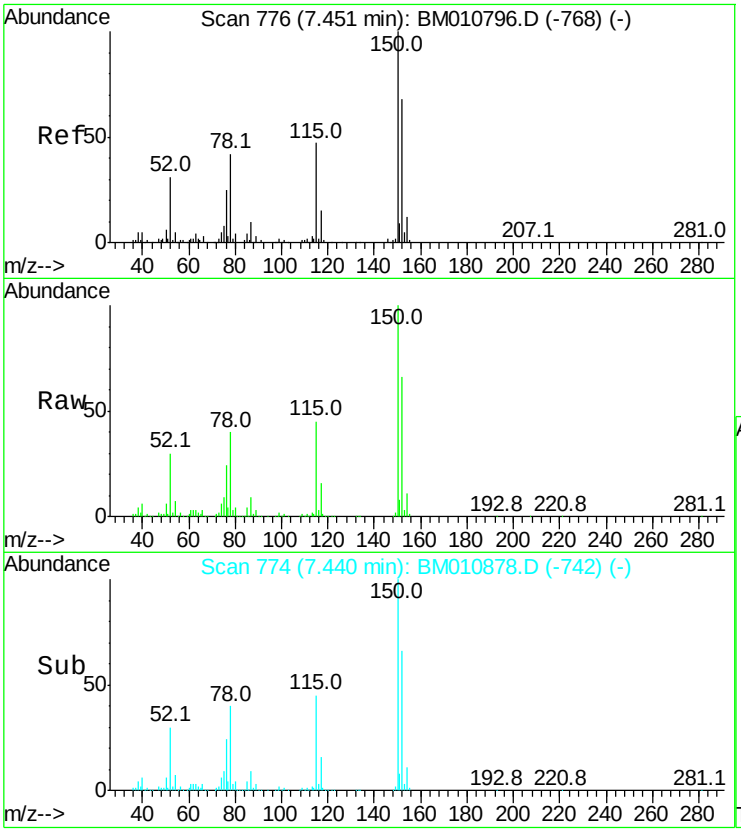


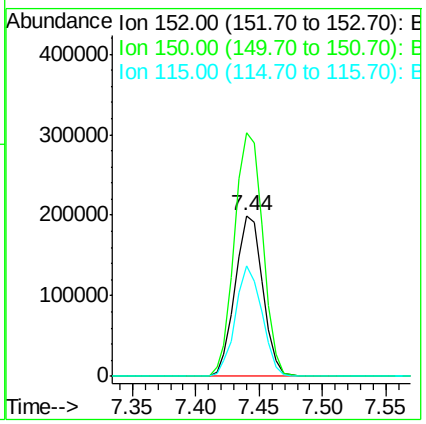


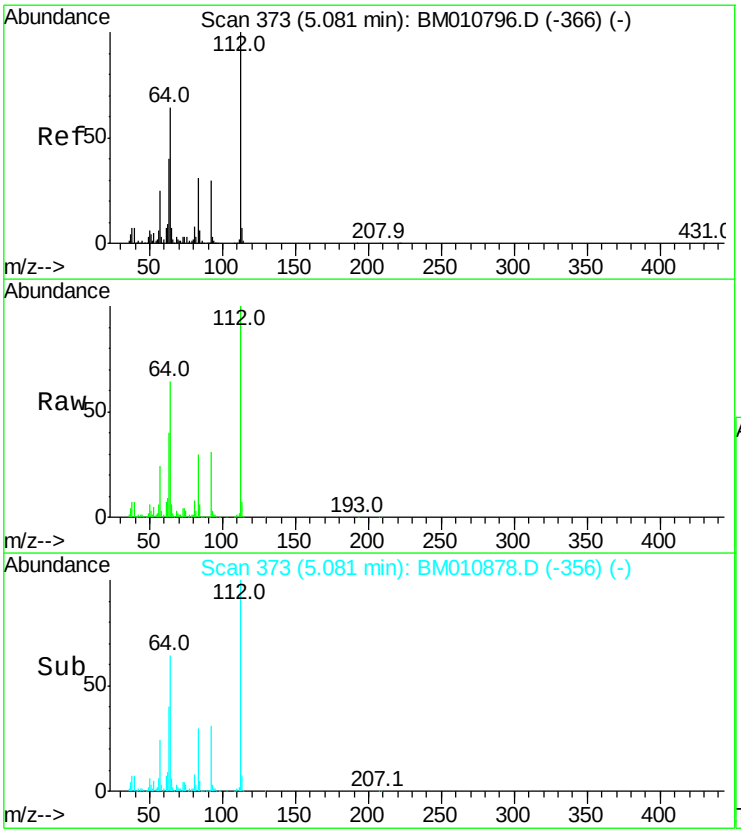
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Instrument :
BNA_M
ClientSampleId :
PB100721BL

Tgt Ion:152 Resp: 301555

Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	68.7	43.0	64.4#

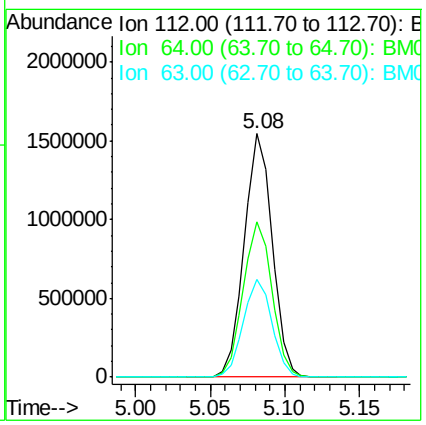


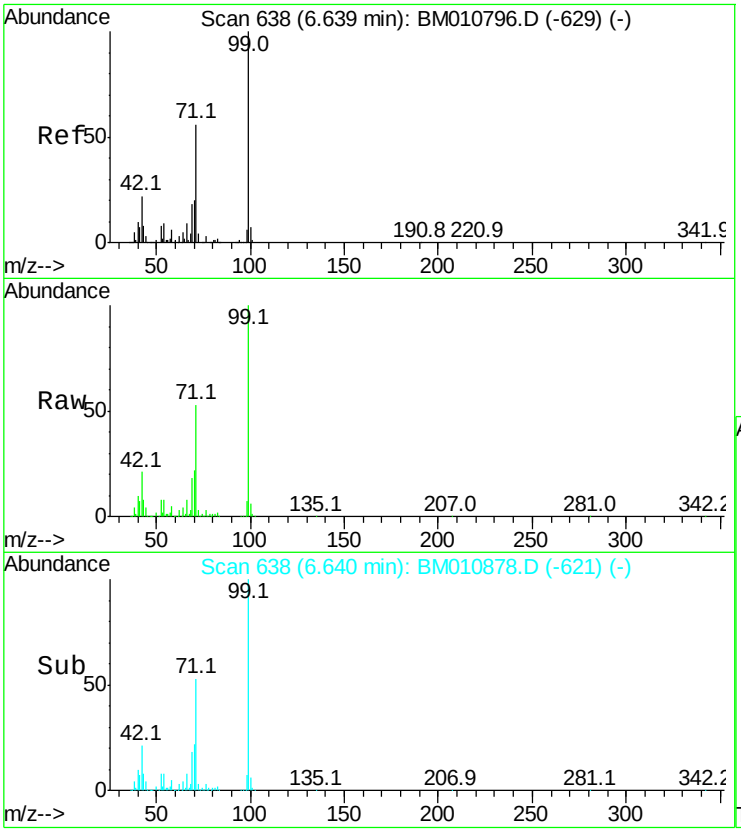


#5
2-Fluorophenol
Concen: 110.258 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Tgt Ion:112 Resp: 2007188

Ion	Ratio	Lower	Upper
112	100		
64	63.6	38.6	57.8#
63	40.4	19.3	28.9#



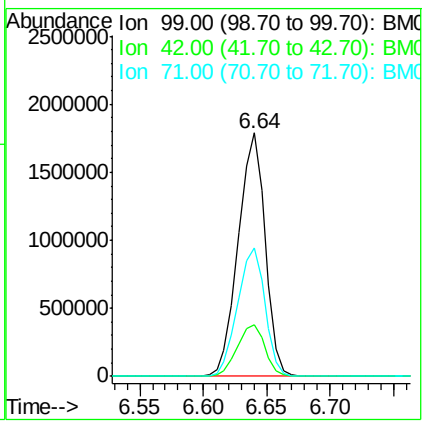


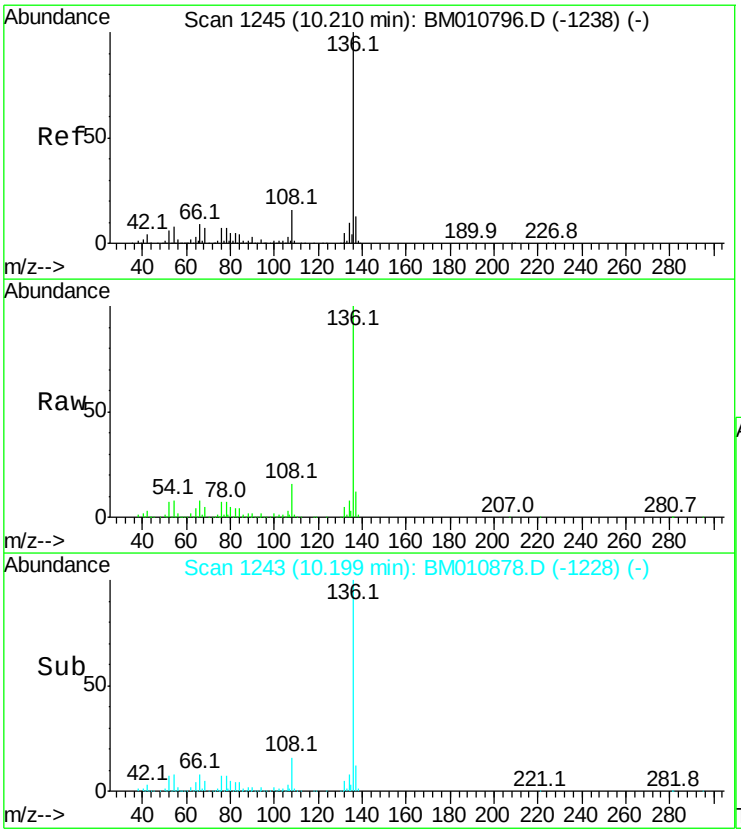
#7
Phenol-d6
Concen: 105.208 ng
RT: 6.64 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Instrument :
BNA_M
ClientSampleId :
PB100721BL

Tgt Ion: 99 Resp: 2640333

Ion	Ratio	Lower	Upper
99	100		
42	21.3	11.0	16.4#
71	52.8	23.4	35.2#

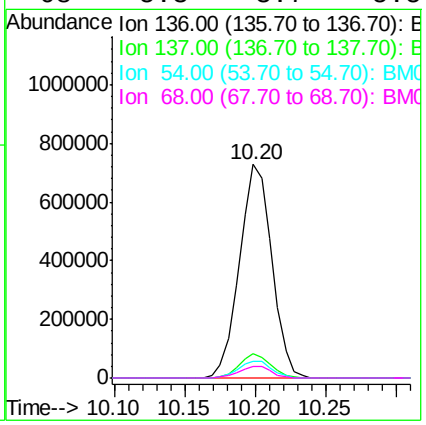


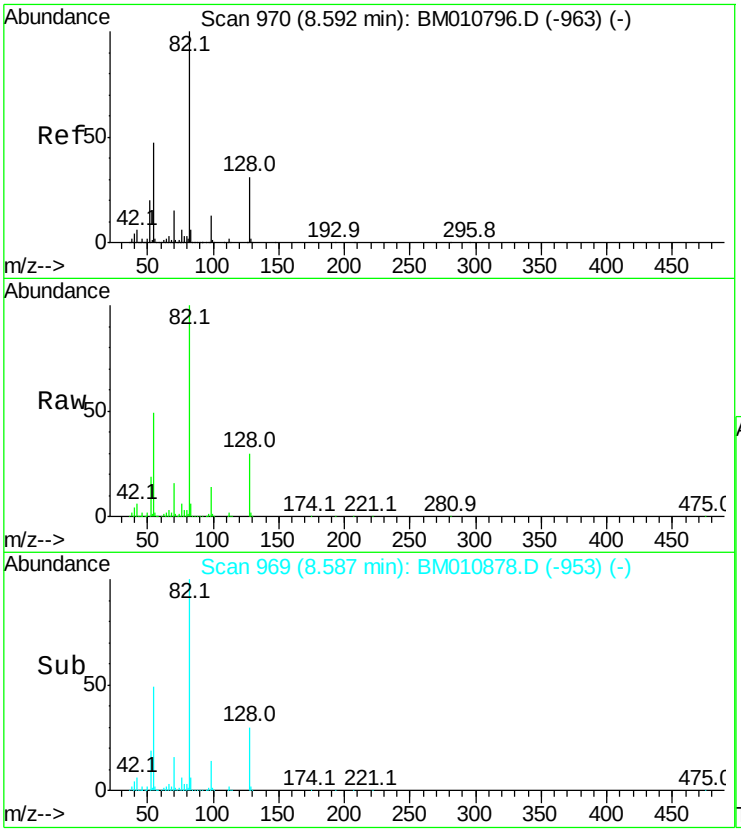


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Tgt Ion:136 Resp: 1171502

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	7.8	4.6	6.8#
68	5.3	3.7	5.5



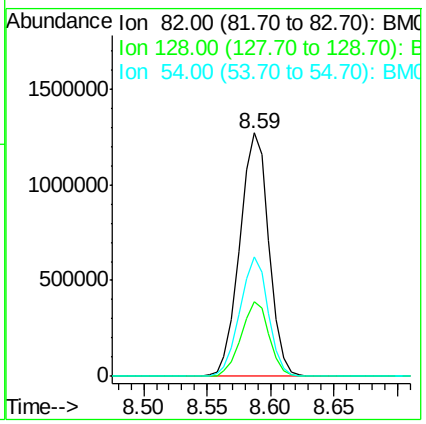


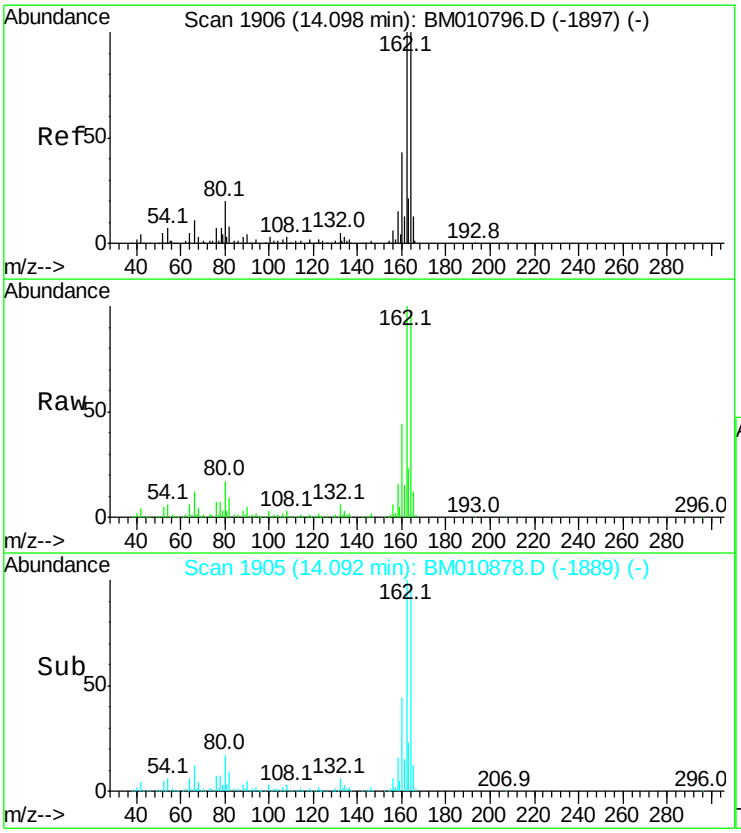
#23
Nitrobenzene-d5
Concen: 66.372 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Instrument :
BNA_M
ClientSampleId :
PB100721BL

Tgt Ion: 82 Resp: 2022891

Ion	Ratio	Lower	Upper
82	100		
128	30.4	32.8	49.2#
54	48.9	40.6	60.8

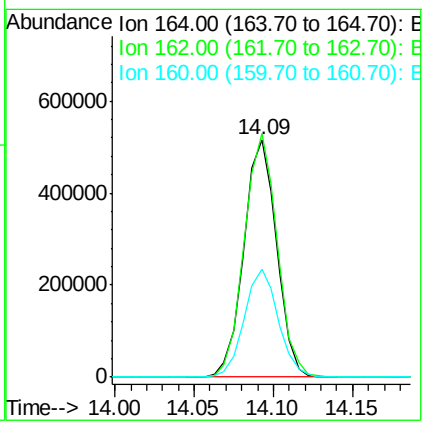


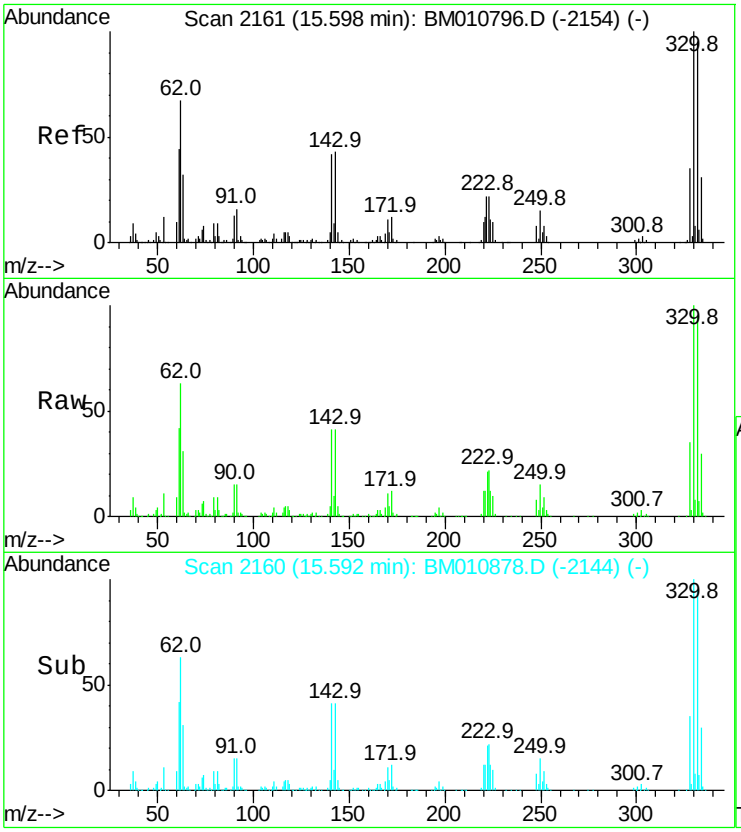


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Tgt Ion:164 Resp: 741657

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	45.6	35.8	53.6



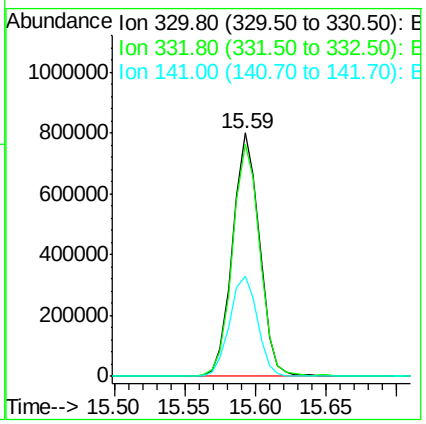


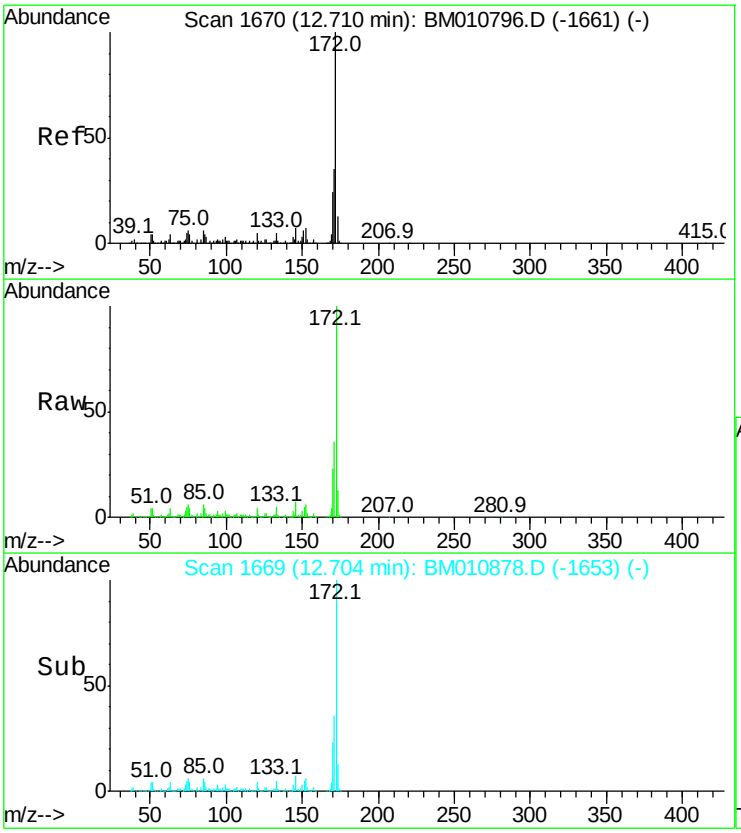
#41
2,4,6-Tribromophenol
Concen: 93.850 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Instrument :
BNA_M
ClientSampleId :
PB100721BL

Tgt Ion:330 Resp: 1063683

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	42.6	0.0	0.0#

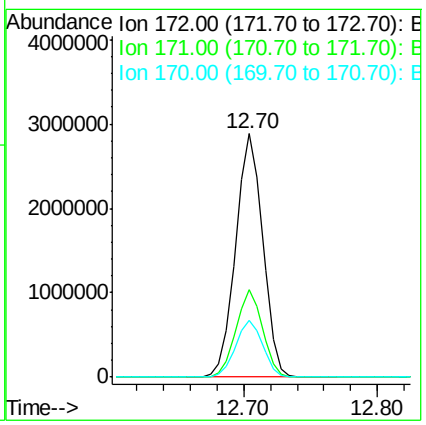


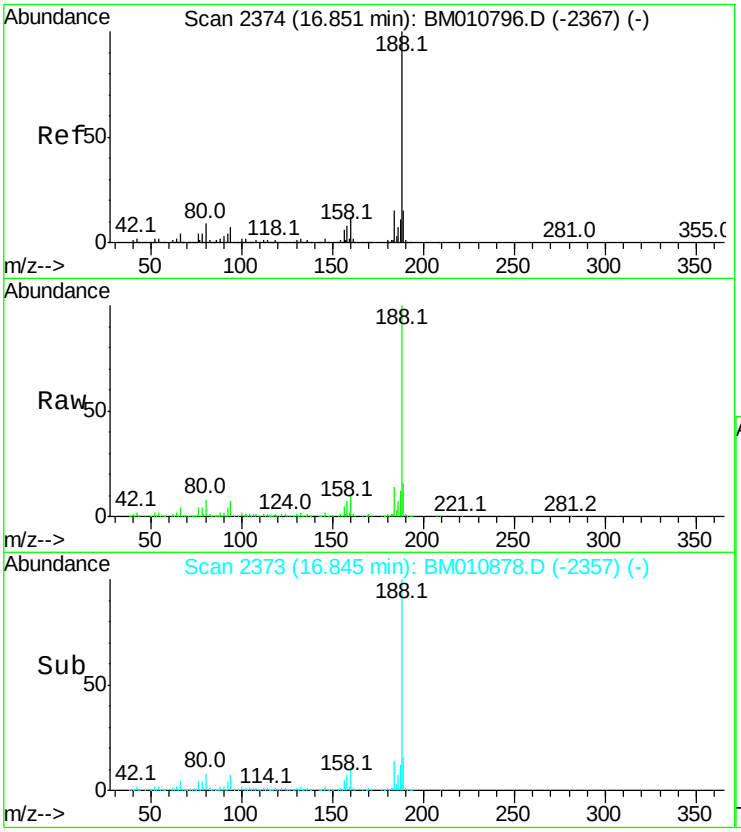


#44
2-Fluorobiphenyl
Concen: 68.020 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Tgt Ion:172 Resp: 4055173

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.4	18.8	28.2



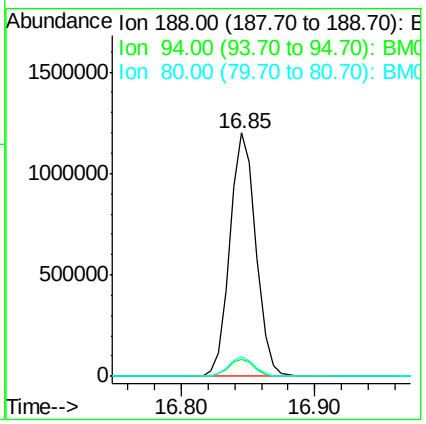


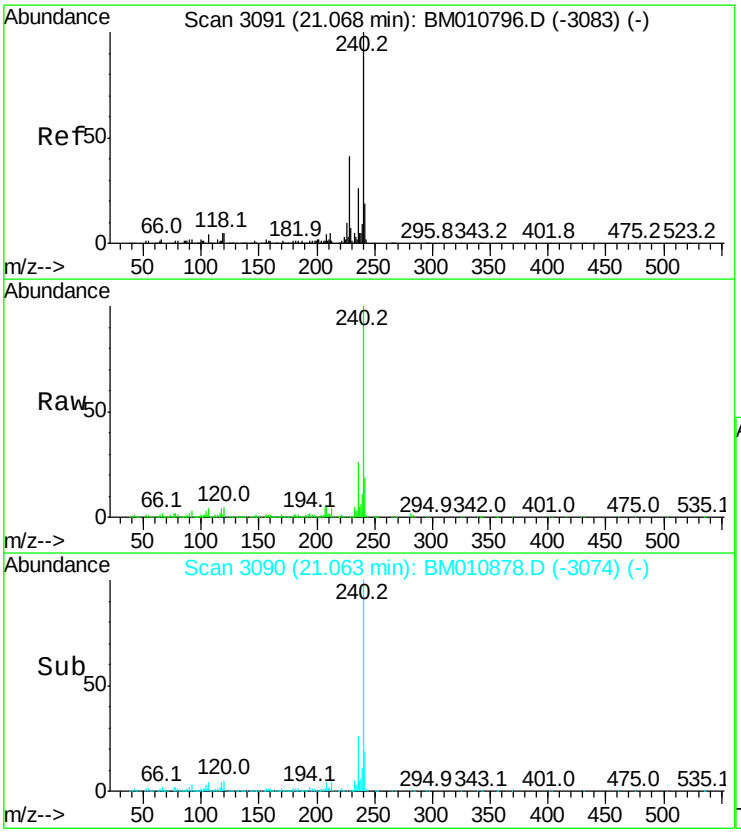
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Instrument :
BNA_M
ClientSampleId :
PB100721BL

Tgt Ion:188 Resp: 1637210

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.7	13.1#
80	8.3	9.3	13.9#

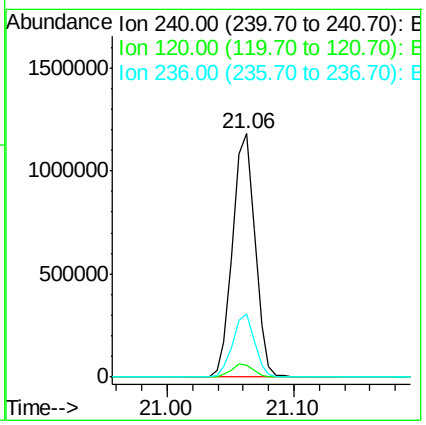


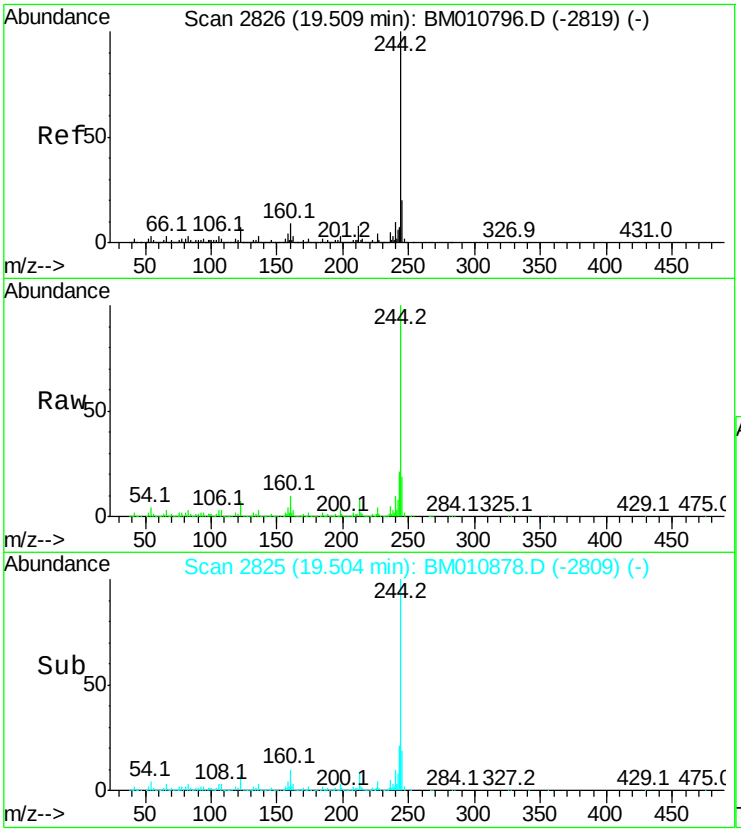


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Tgt Ion:240 Resp: 1442179

Ion	Ratio	Lower	Upper
240	100		
120	5.0	8.2	12.2#
236	25.9	20.0	30.0



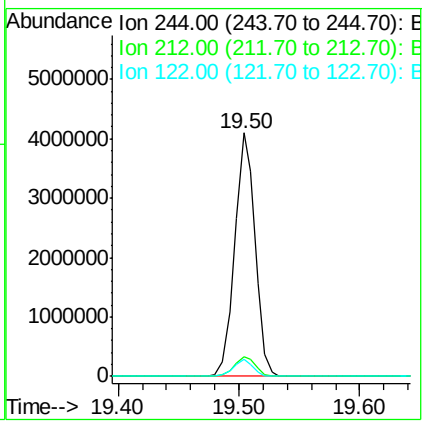


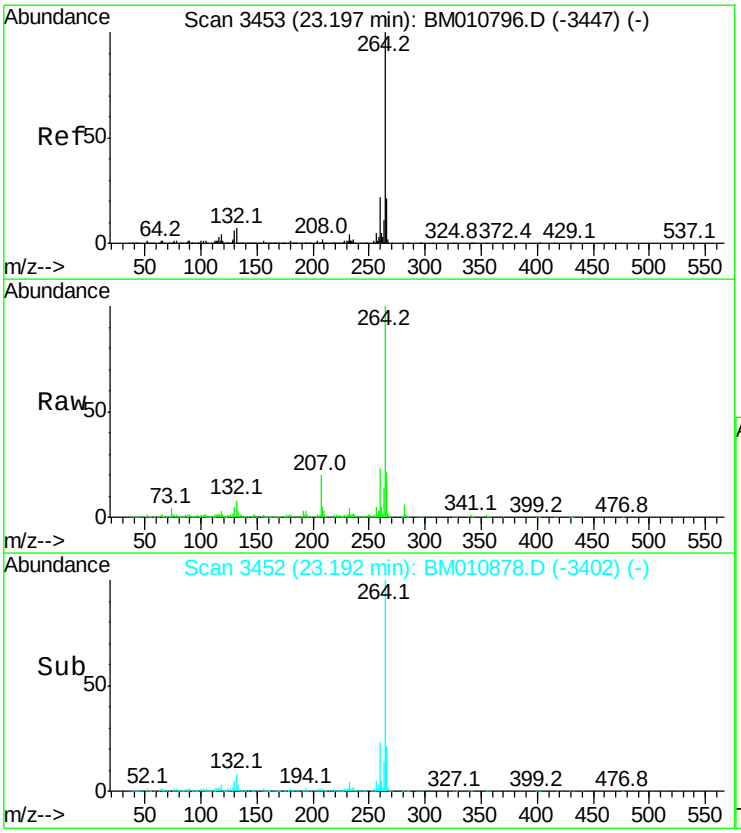
#78
Terphenyl-d14
Concen: 64.490 ng
RT: 19.50 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Instrument :
BNA_M
ClientSampleId :
PB100721BL

Tgt Ion:244 Resp: 4808772

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	6.8	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: BM010878.D
Acq: 18 Jul 2017 19:41

Tgt Ion:264 Resp: 1172411

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.4	17.3	25.9