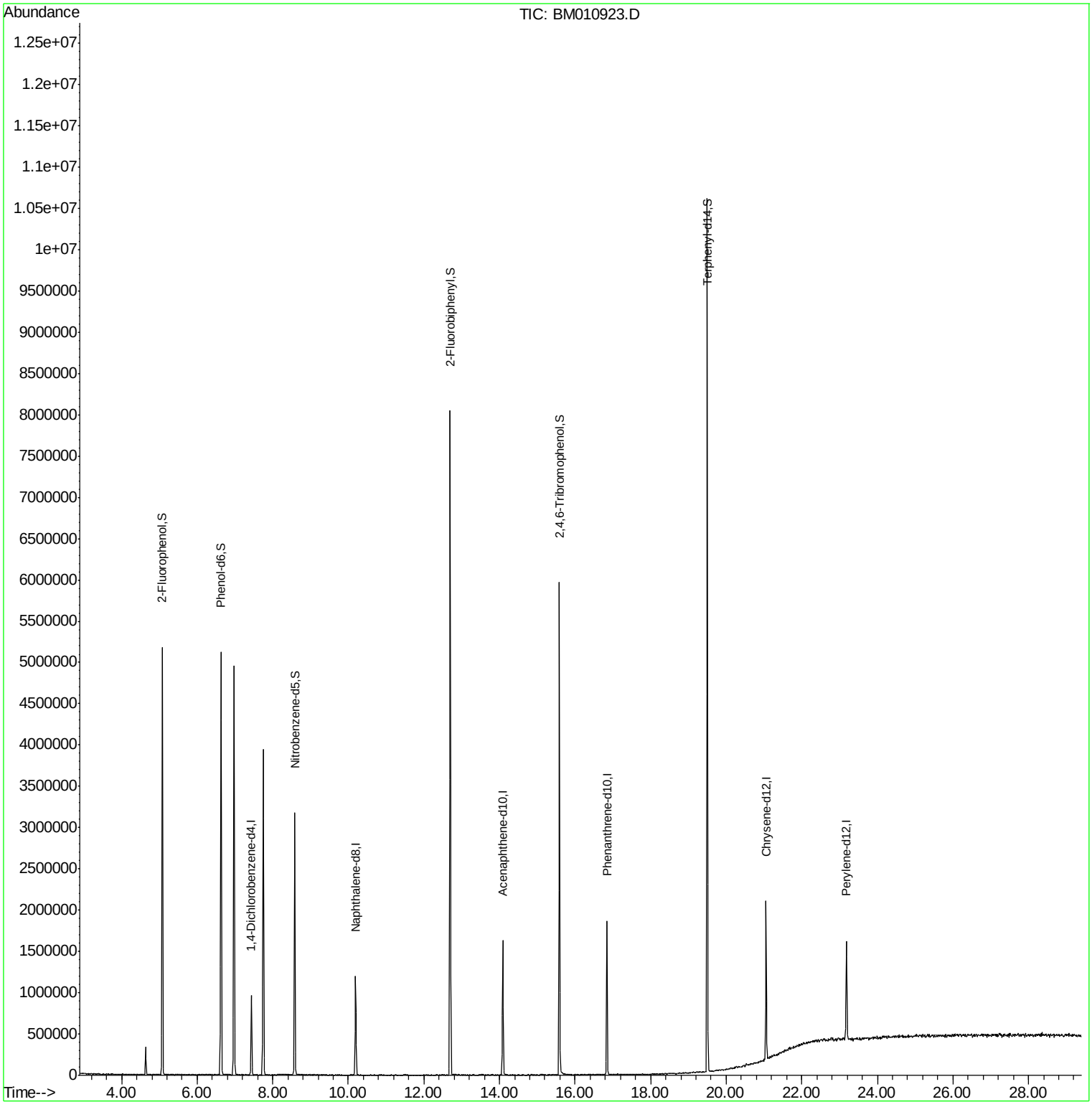
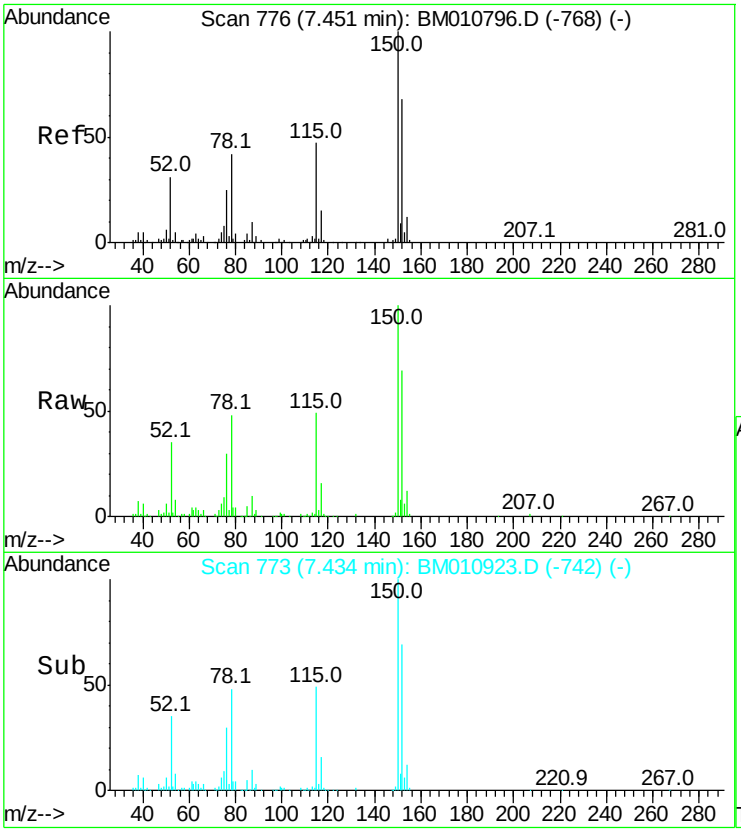
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010923.D
Acq On : 20 Jul 2017 23:53
Operator : SJ/JU
Sample : PB100784TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB100784TB

Quant Time: Jul 21 03:06:12 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



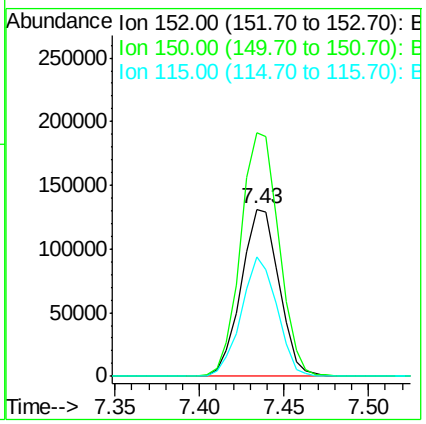


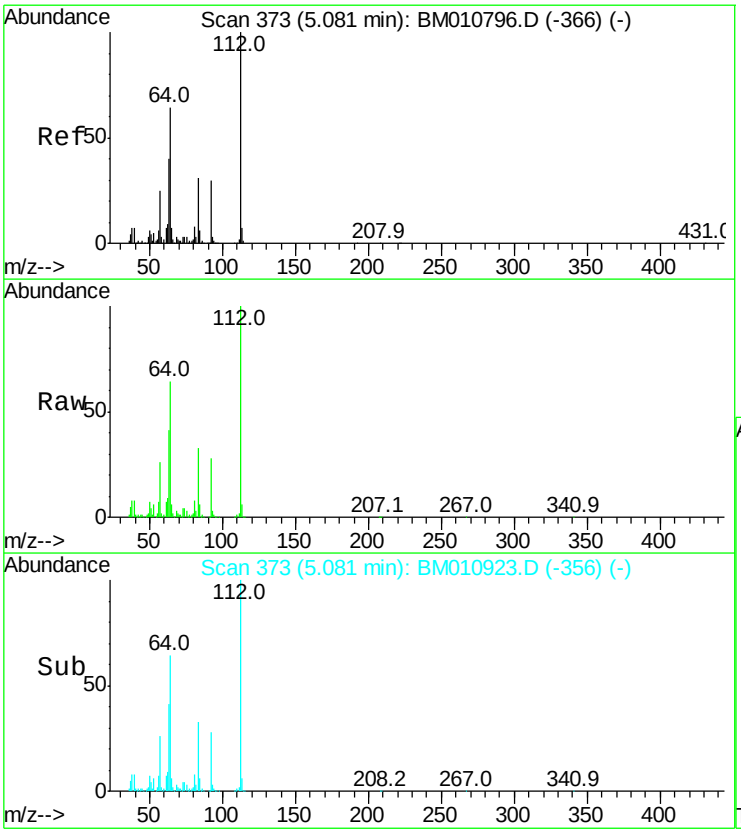
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Instrument :
BNA_M
ClientSampleId :
PB100784TB

Tgt Ion:152 Resp: 204445

Ion	Ratio	Lower	Upper
152	100		
150	145.8	119.5	179.3
115	71.8	43.0	64.4#

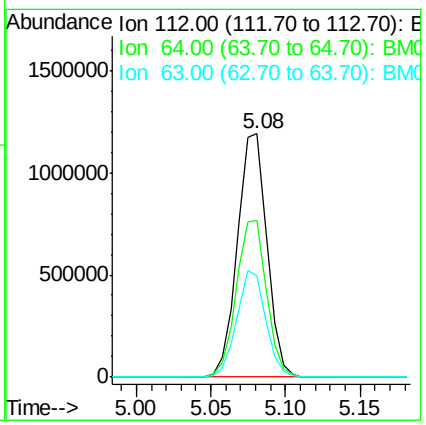


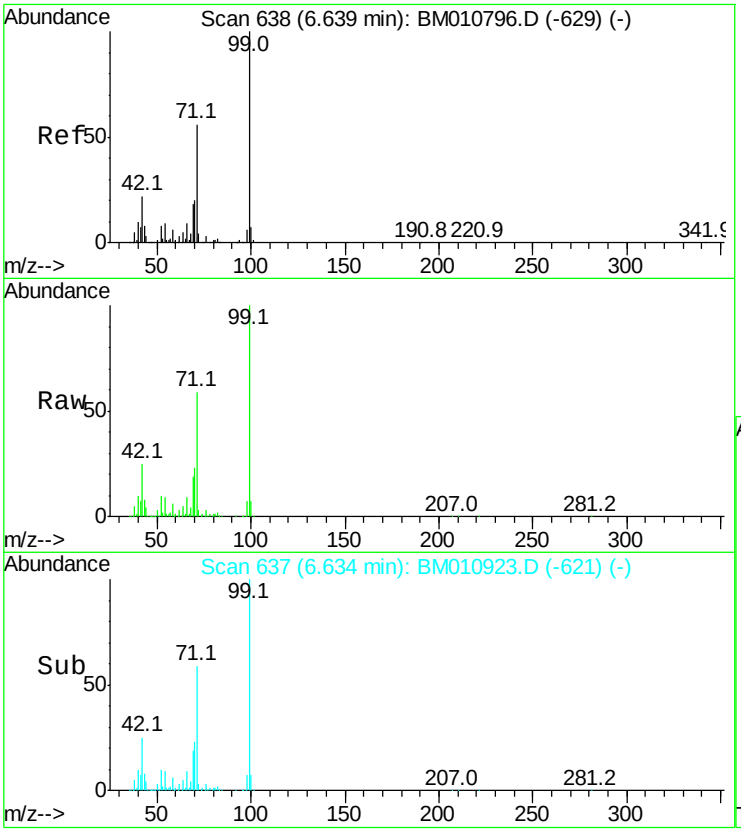


#5
2-Fluorophenol
Concen: 132.623 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Tgt Ion:112 Resp: 1636846

Ion	Ratio	Lower	Upper
112	100		
64	64.4	38.6	57.8#
63	41.4	19.3	28.9#



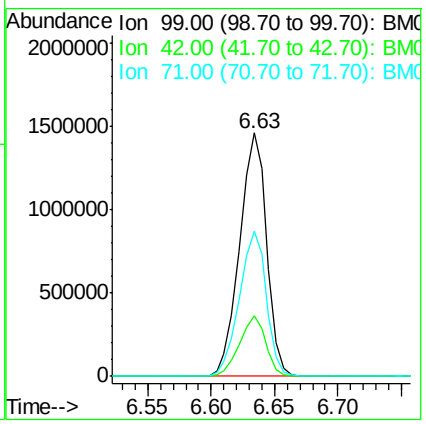


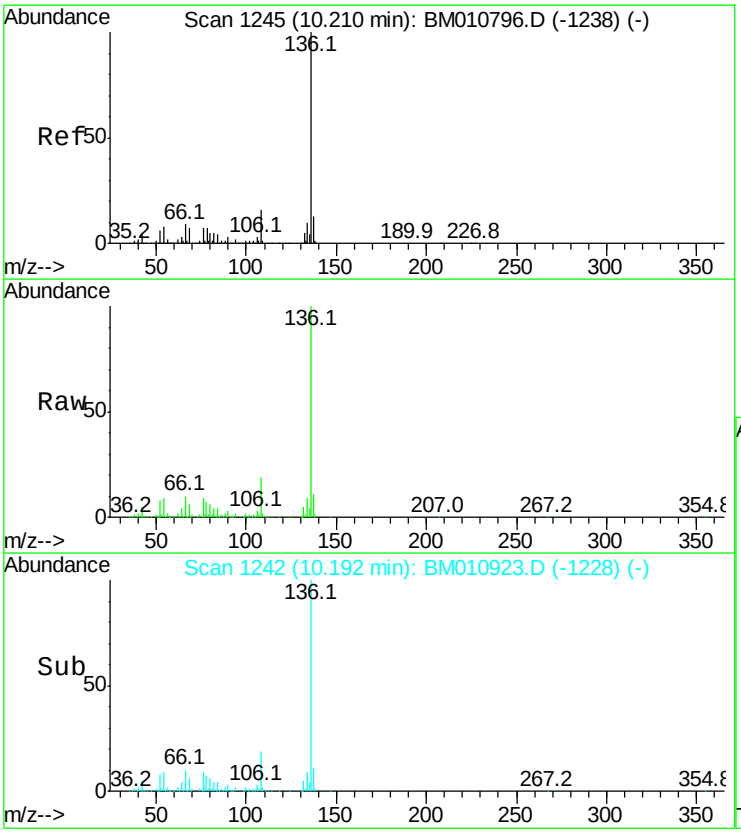
#7
Phenol-d6
Concen: 126.910 ng
RT: 6.63 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Instrument :
BNA_M
ClientSampleId :
PB100784TB

Tgt Ion: 99 Resp: 2159330

Ion	Ratio	Lower	Upper
99	100		
42	24.6	11.0	16.4#
71	59.3	23.4	35.2#

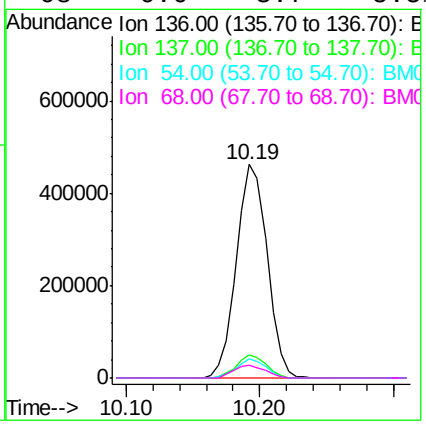


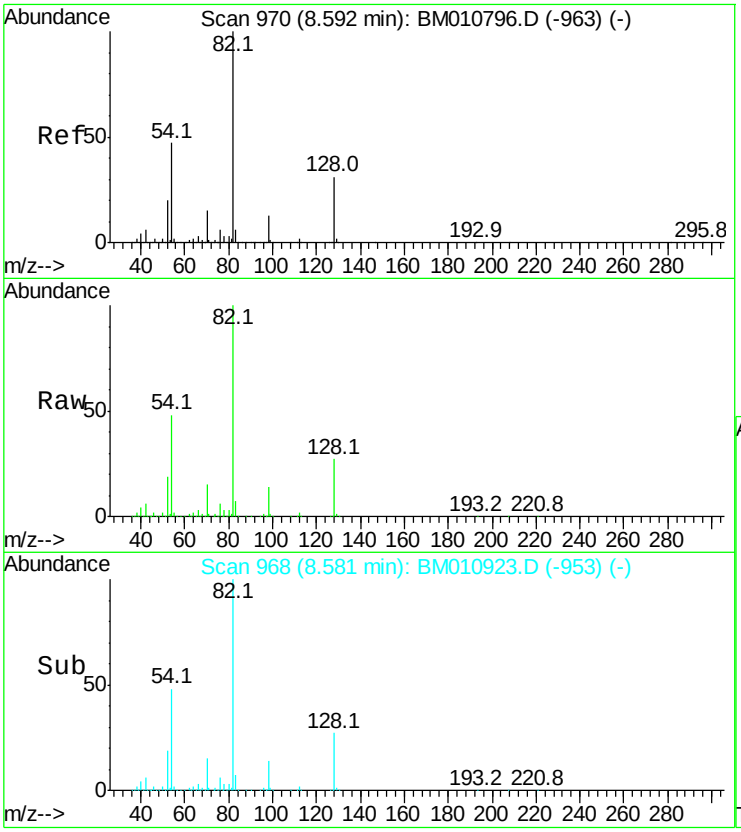


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Tgt Ion:136 Resp: 737552

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.2	4.6	6.8#
68	6.0	3.7	5.5#



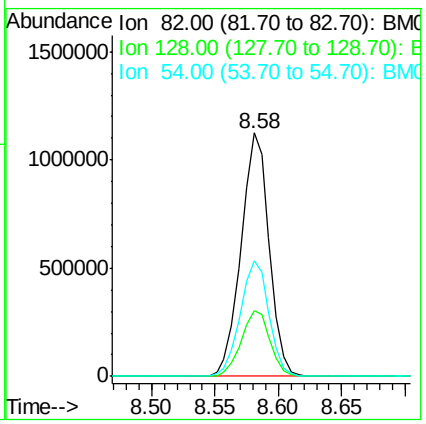


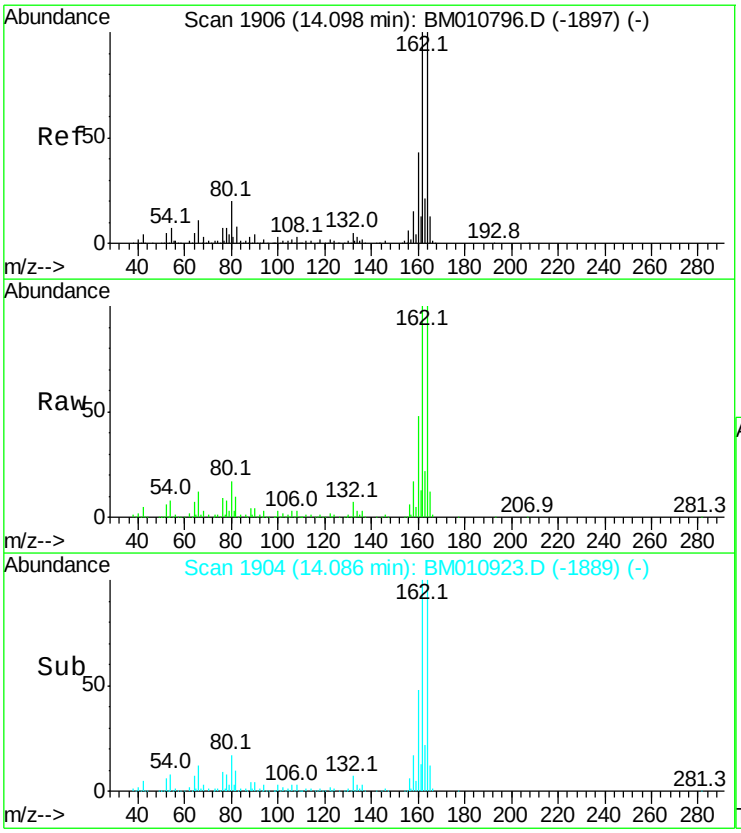
#23
Nitrobenzene-d5
Concen: 90.021 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Instrument :
BNA_M
ClientSampleId :
PB100784TB

Tgt Ion: 82 Resp: 1727341

Ion	Ratio	Lower	Upper
82	100		
128	27.1	32.8	49.2#
54	47.7	40.6	60.8

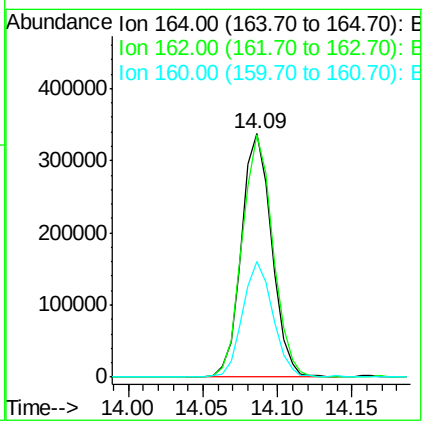


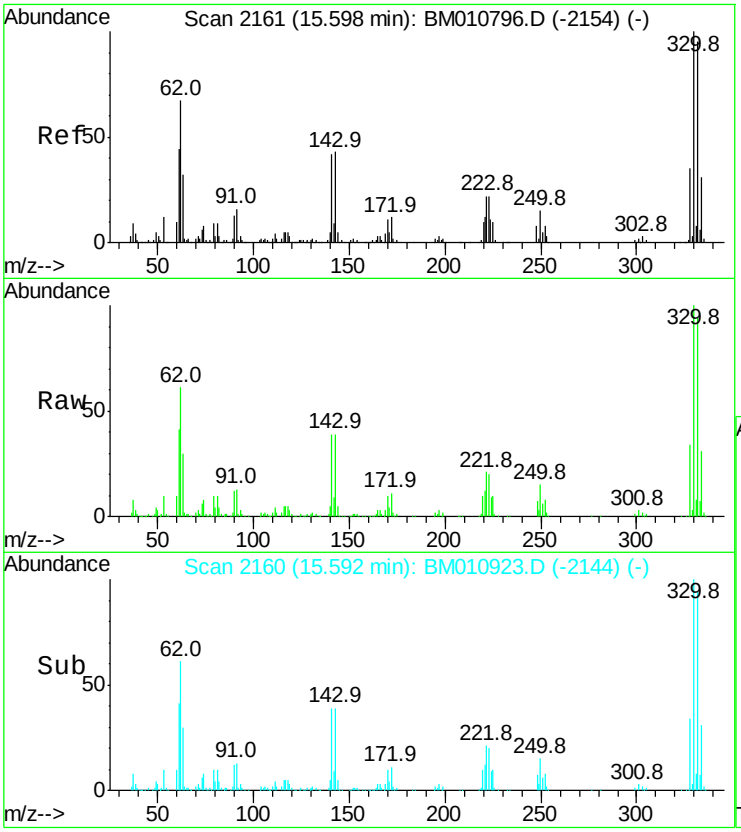


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Tgt Ion:164 Resp: 471375

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.4	123.6
160	47.6	35.8	53.6



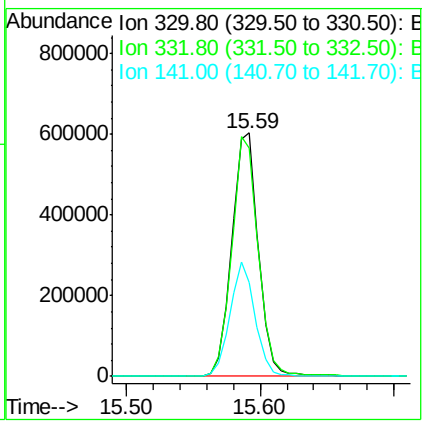


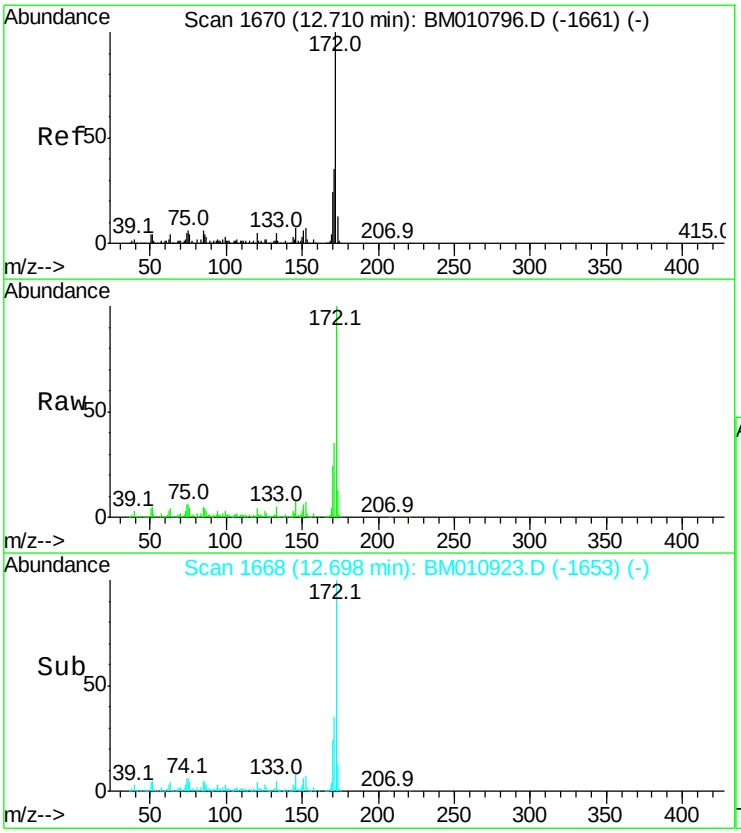
#41
2,4,6-Tribromophenol
Concen: 116.132 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Instrument :
BNA_M
ClientSampleId :
PB100784TB

Tgt Ion:330 Resp: 836558

Ion	Ratio	Lower	Upper
330	100		
332	98.1	0.0	0.0#
141	44.9	0.0	0.0#

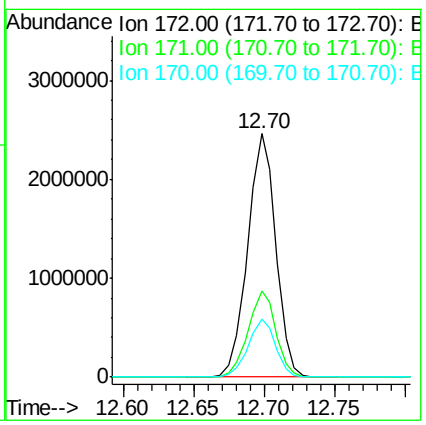


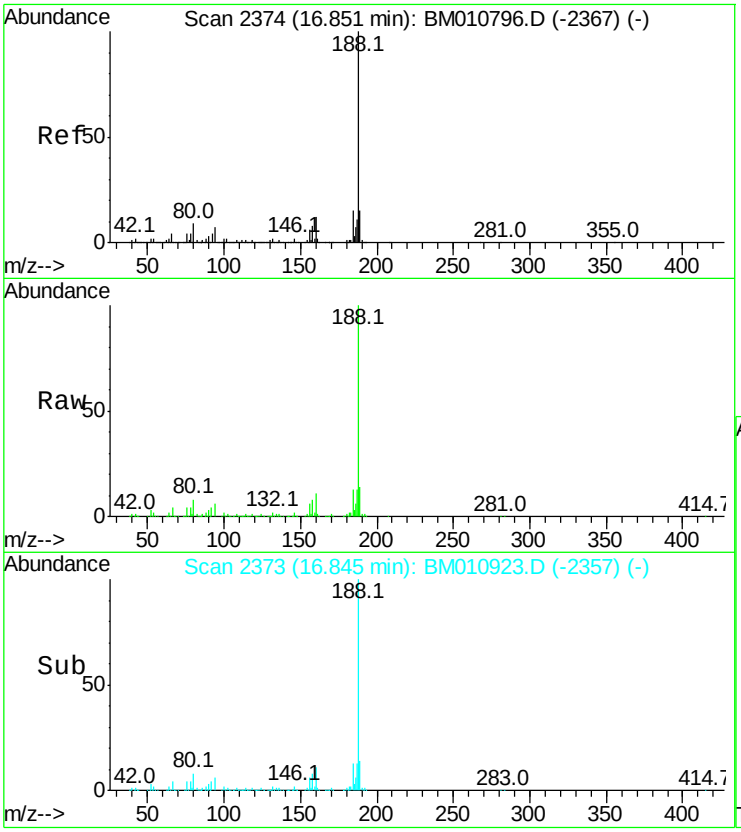


#44
2-Fluorobiphenyl
Concen: 91.023 ng
RT: 12.70 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Tgt Ion:172 Resp: 3448976

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.1	18.8	28.2



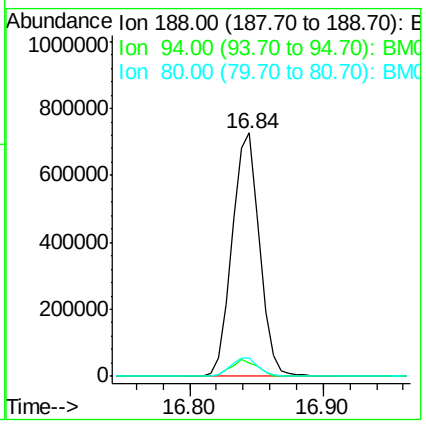


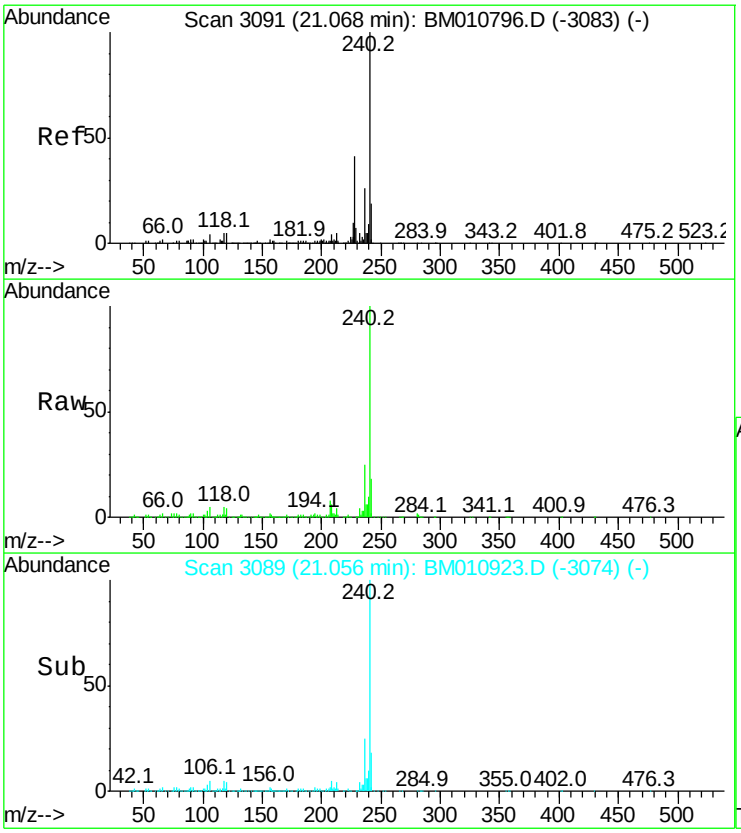
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Instrument :
BNA_M
ClientSampleId :
PB100784TB

Tgt Ion:188 Resp: 1038794

Ion	Ratio	Lower	Upper
188	100		
94	5.6	8.7	13.1#
80	7.6	9.3	13.9#

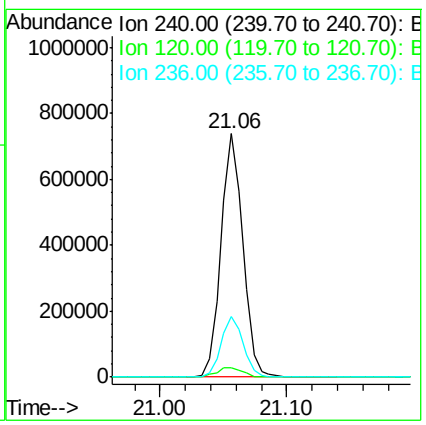


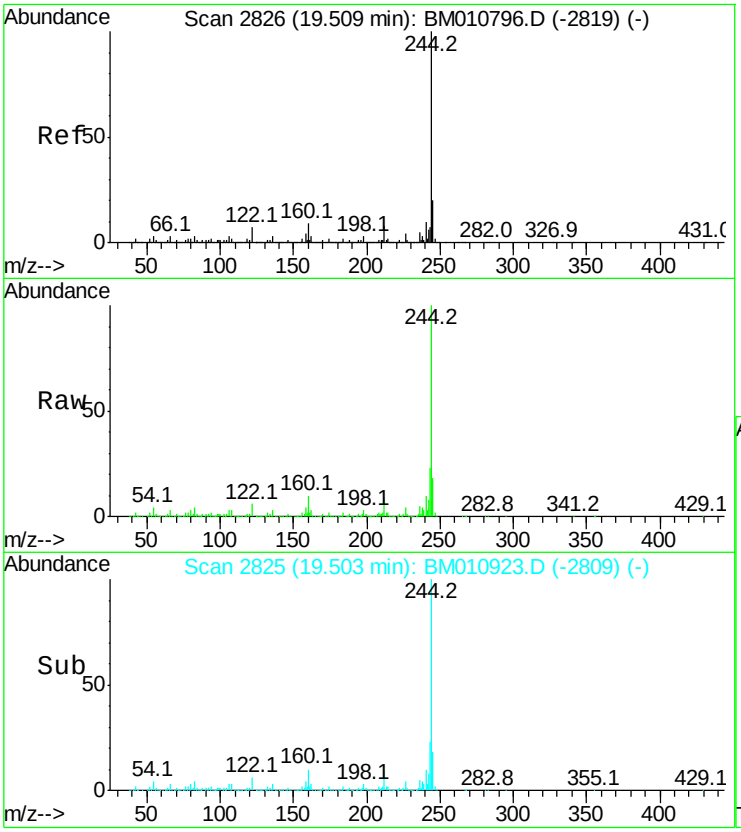


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Tgt Ion:240 Resp: 884086

Ion	Ratio	Lower	Upper
240	100		
120	4.0	8.2	12.2#
236	24.6	20.0	30.0



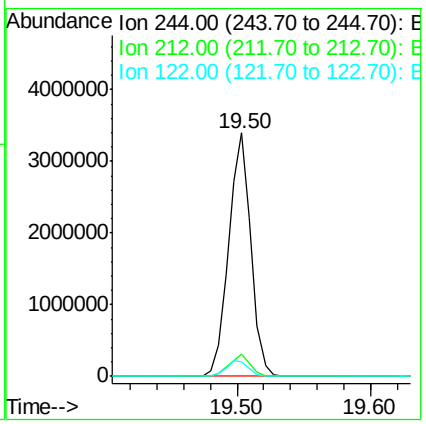


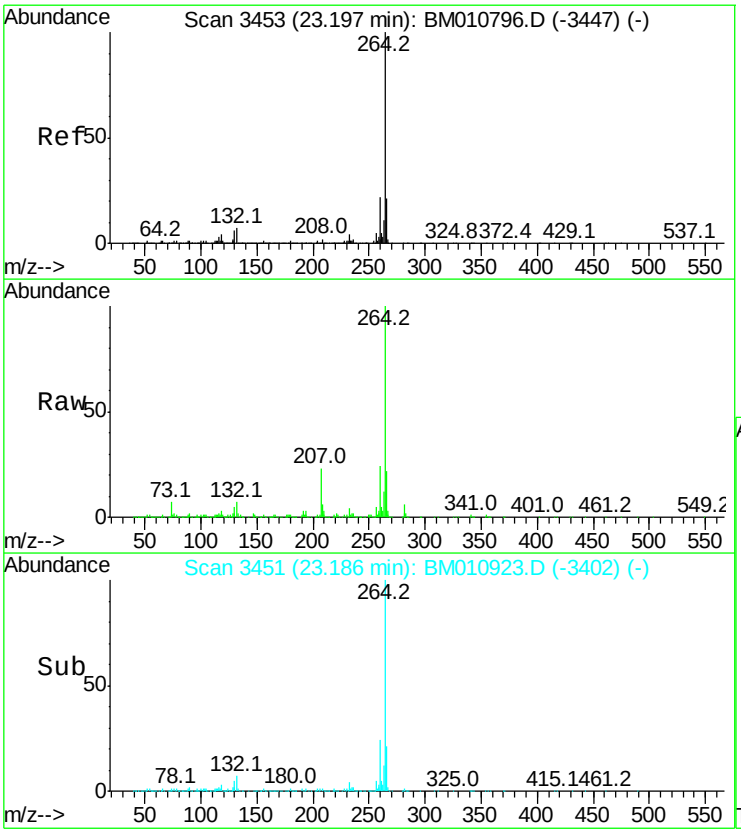
#78
Terphenyl-d14
Concen: 86.231 ng
RT: 19.50 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Instrument :
BNA_M
ClientSampleId :
PB100784TB

Tgt Ion:244 Resp: 3941668

Ion	Ratio	Lower	Upper
244	100		
212	8.9	4.9	7.3#
122	6.2	6.2	9.4#

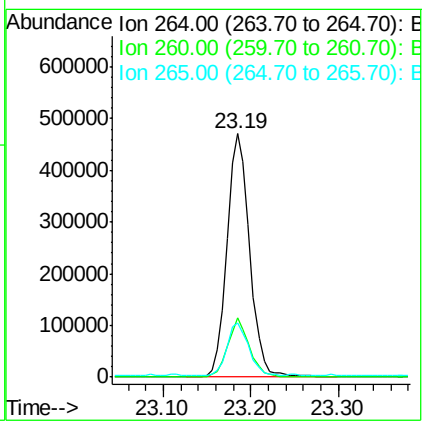




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Tgt Ion:264 Resp: 839981

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.0	17.3	25.9



Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010923.D
Acq On : 20 Jul 2017 23:53
Operator : SJ/JU
Sample : PB100784TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB100784TB

Quant Time: Jul 21 03:06:12 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	7.43	152	204445	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	737552	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	471375	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1038794	20.00	ng	0.00
75) Chrysene-d12	21.06	240	884086	20.00	ng	-0.01
86) Perylene-d12	23.19	264	839981	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1636846	132.62	ng	0.00
7) Phenol-d6	6.63	99	2159330	126.91	ng	0.00
23) Nitrobenzene-d5	8.58	82	1727341	90.02	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	836558	116.13	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3448976	91.02	ng	-0.01
78) Terphenyl-d14	19.50	244	3941668	86.23	ng	0.00
Target Compounds						Qvalue

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