Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
Data File : BM011270.D
Acq On : 17 Aug 2017 17:16
Operator : SJ/JU
Sample : PB101642TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB101642TB

Quant Time: Aug 18 01:51:42 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	7.27	152	96202	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	331735	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	212811	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	568159	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	751104	20.00	ng	-0.02
86) Perylene-d12	23.00	264	704147	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	871052	153.06	ng	-0.01
7) Phenol-d6	6.48	99	1172889	145.06	ng	-0.01
23) Nitrobenzene-d5	8.42	82	1076615	121.81	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	465452	136.46	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1689254	99.55	ng	-0.01
78) Terphenyl-d14	19.37	244	3175552	83.75	ng	-0.01
Target Compounds						Qvalue

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

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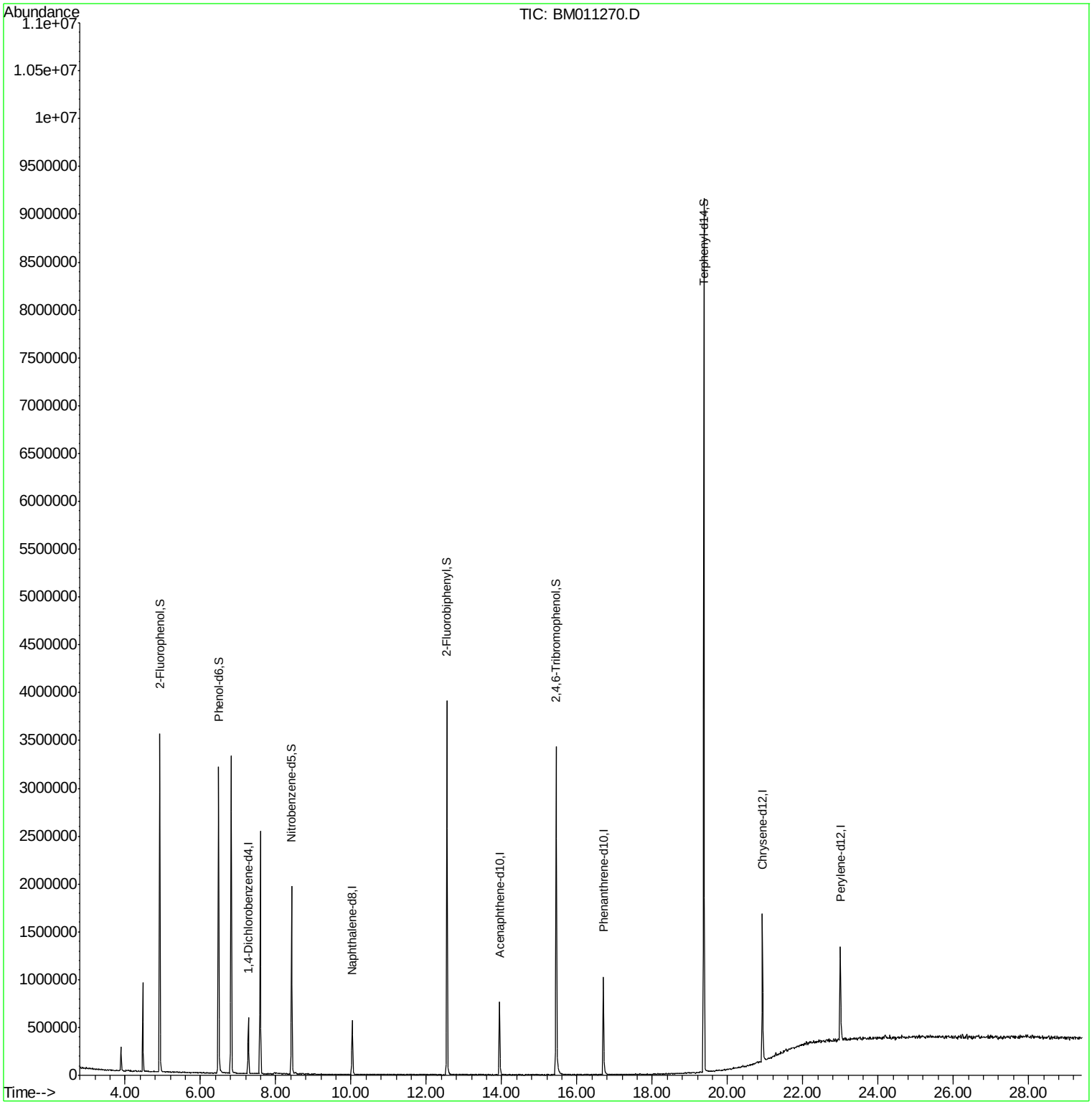
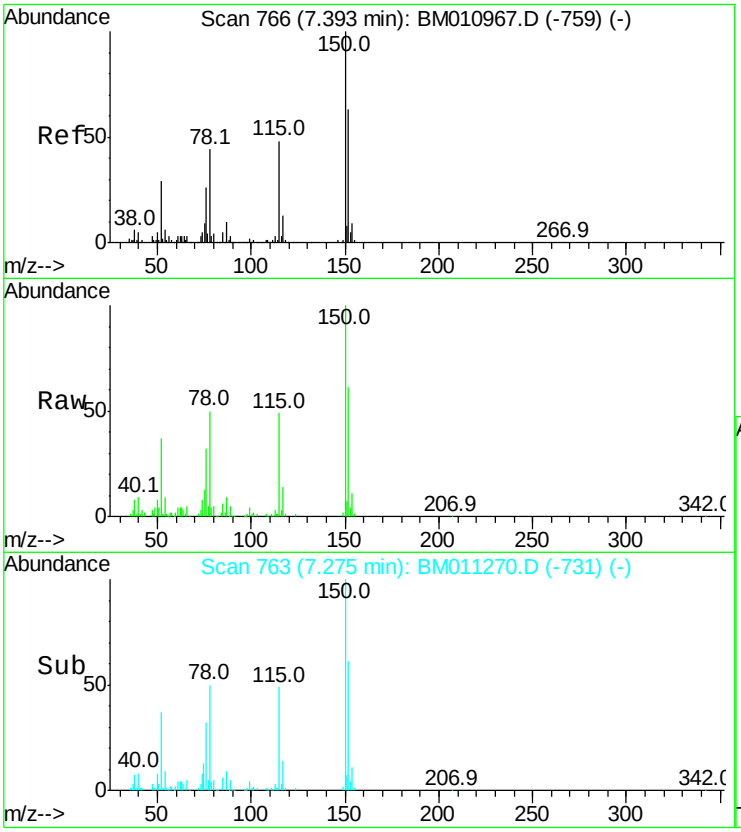


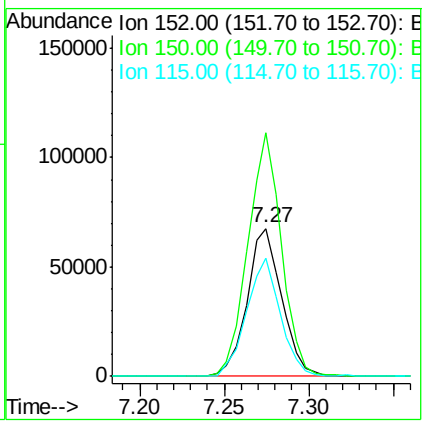


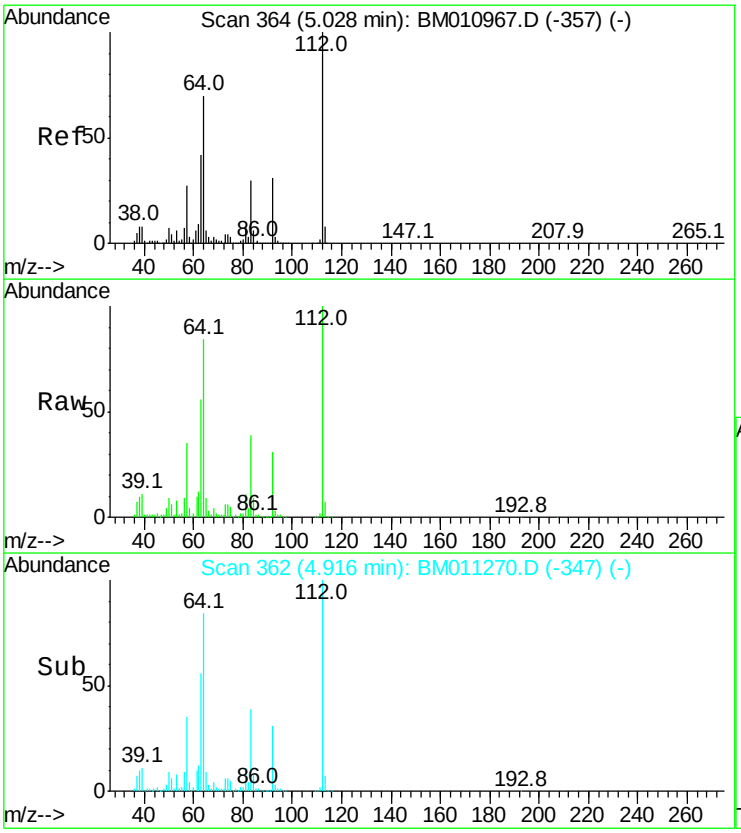
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Instrument :
BNA_M
ClientSampleId :
PB101642TB

Tgt Ion:152 Resp: 96202

Ion	Ratio	Lower	Upper
152	100		
150	164.3	119.5	179.3
115	80.0	43.0	64.4#

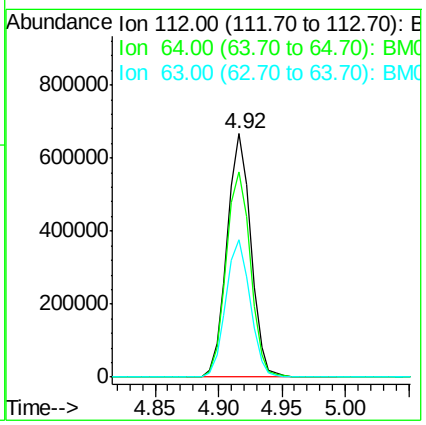


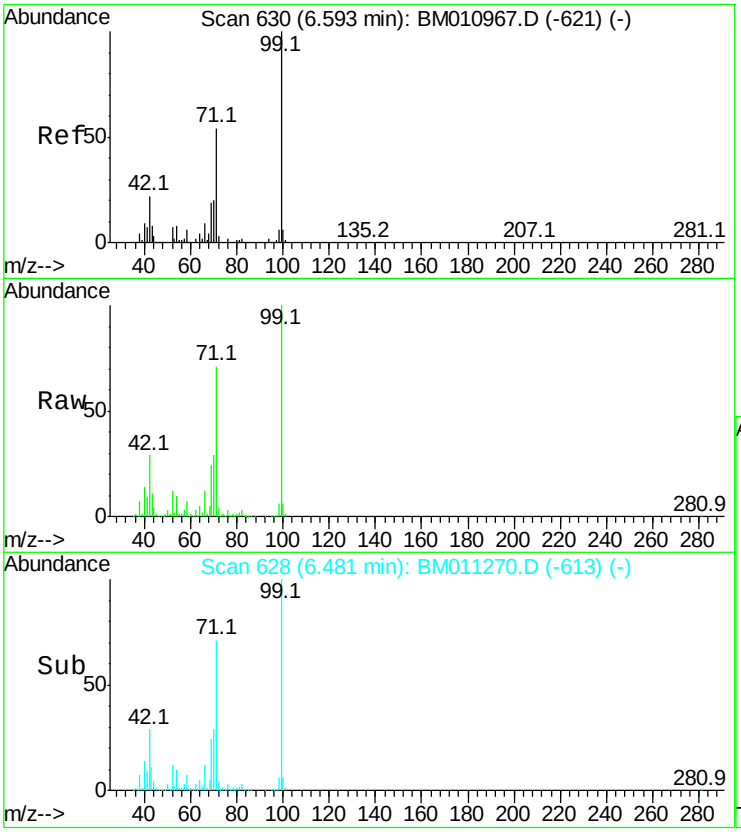


#5
2-Fluorophenol
Concen: 153.059 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Tgt Ion:112 Resp: 871052

Ion	Ratio	Lower	Upper
112	100		
64	84.4	38.6	57.8#
63	56.5	19.3	28.9#



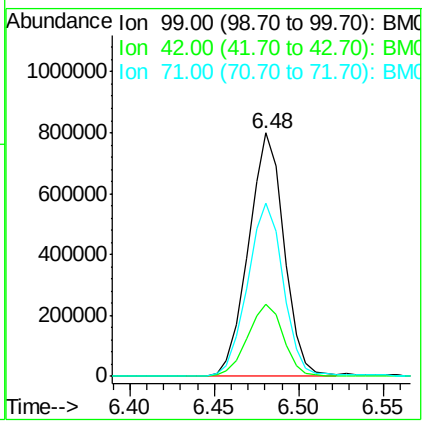


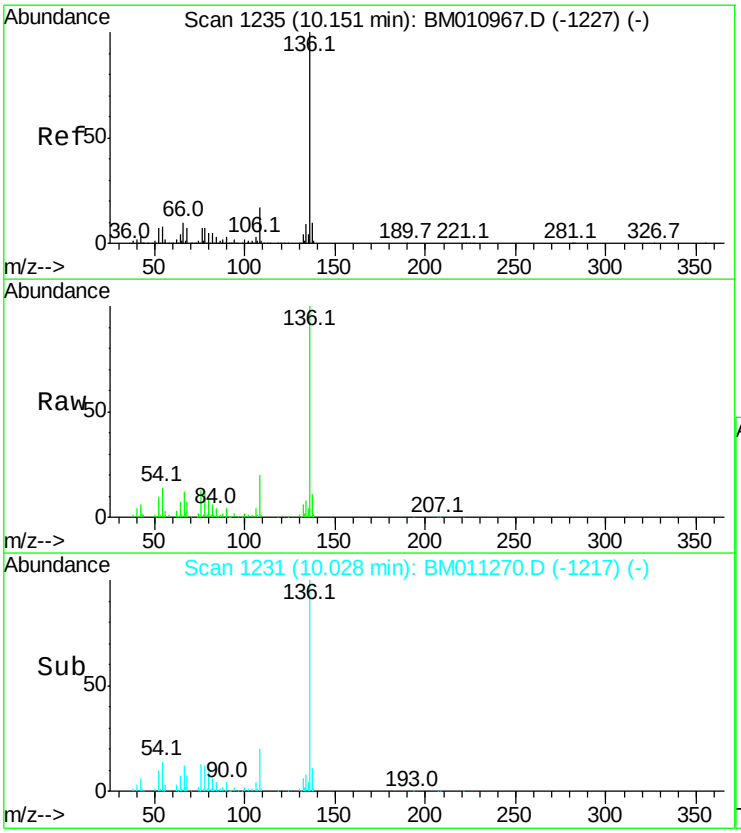
#7
Phenol-d6
Concen: 145.056 ng
RT: 6.48 min Scan# 628
Delta R.T. -0.01 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Instrument :
BNA_M
ClientSampleId :
PB101642TB

Tgt Ion: 99 Resp: 1172889

Ion	Ratio	Lower	Upper
99	100		
42	29.4	11.0	16.4#
71	71.2	23.4	35.2#

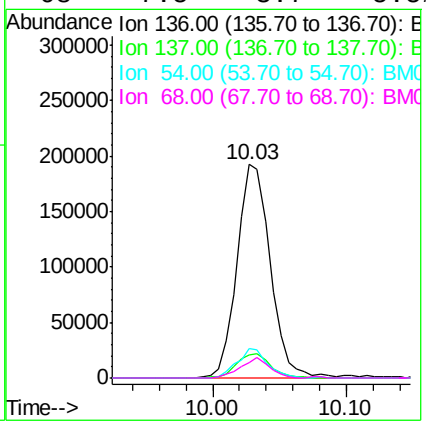


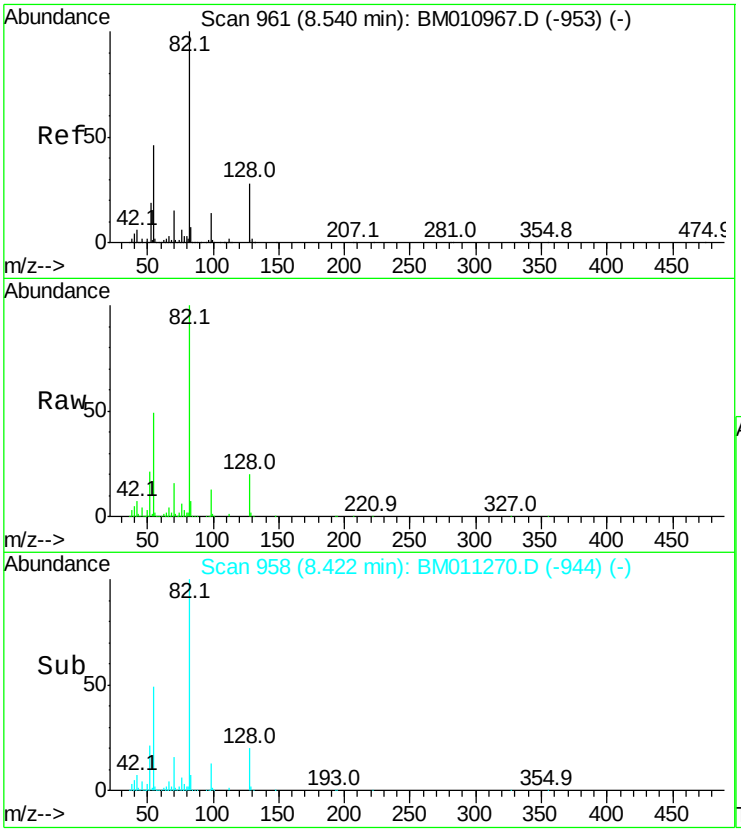


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.03 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Tgt Ion:136 Resp: 331735

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	13.5	4.6	6.8#
68	7.5	3.7	5.5#



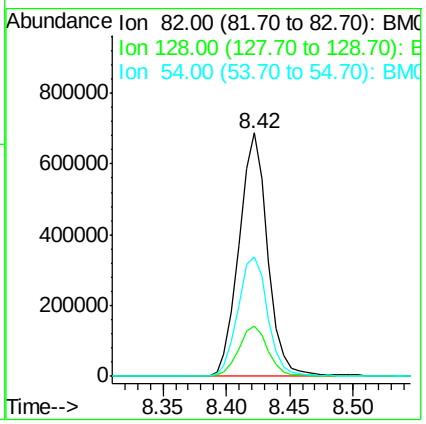


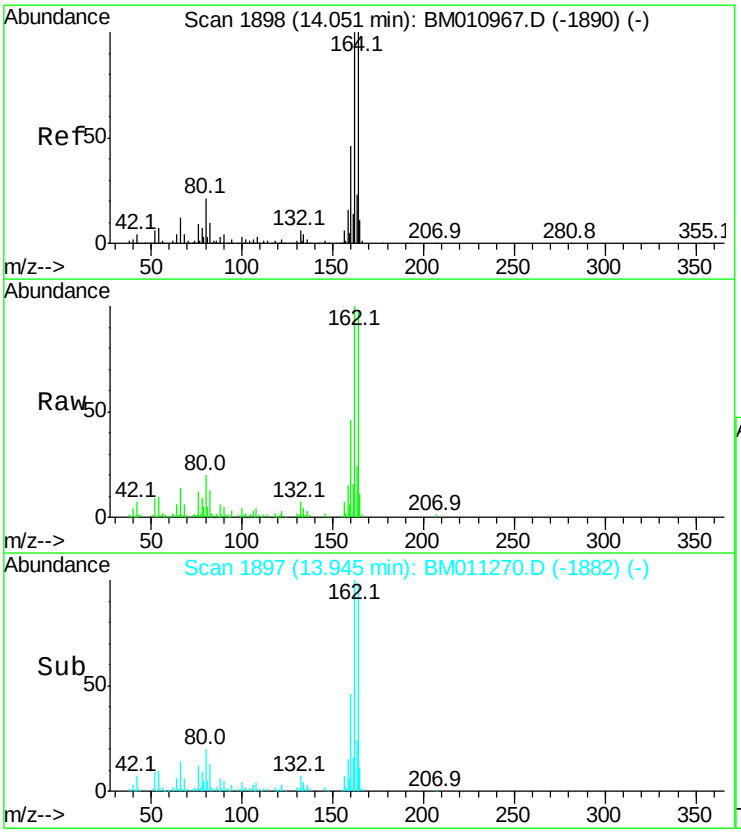
#23
Nitrobenzene-d5
Concen: 121.805 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.02 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Instrument :
BNA_M
ClientSampleId :
PB101642TB

Tgt Ion: 82 Resp: 1076615

Ion	Ratio	Lower	Upper
82	100		
128	20.4	32.8	49.2#
54	49.2	40.6	60.8

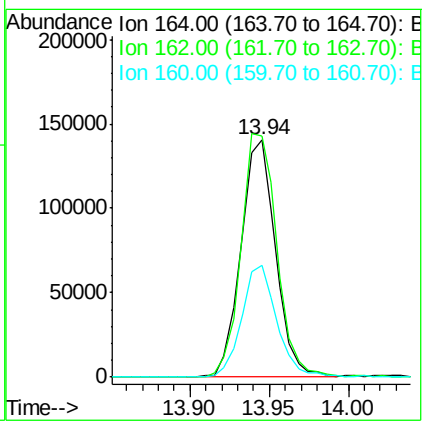


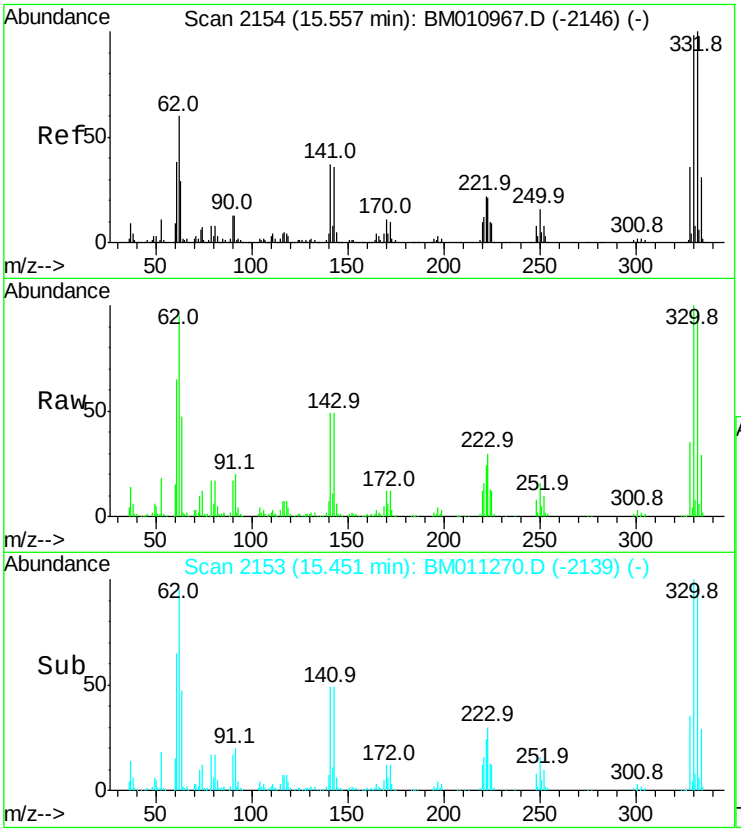


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.94 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Tgt Ion:164 Resp: 212811

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.4	123.6
160	47.3	35.8	53.6



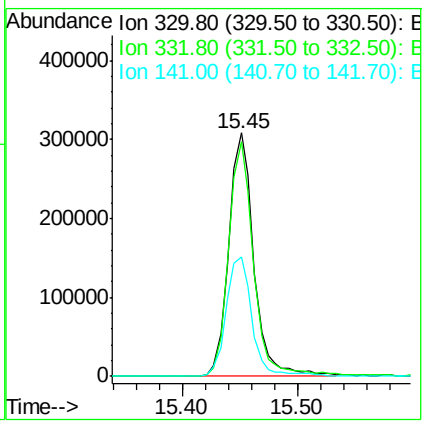


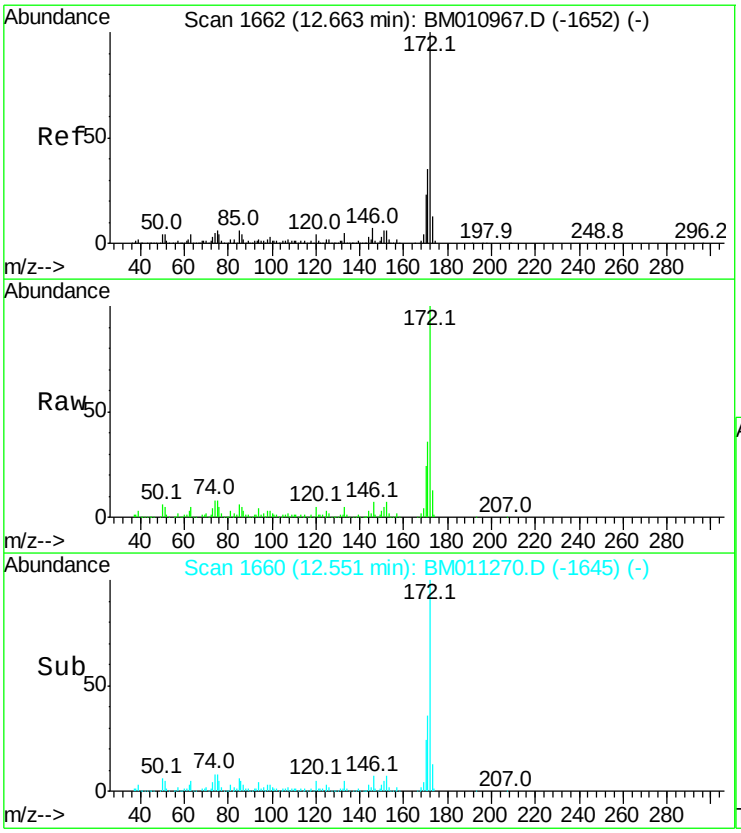
#41
2,4,6-Tribromophenol
Concen: 136.460 ng
RT: 15.45 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Instrument :
BNA_M
ClientSampleId :
PB101642TB

Tgt Ion:330 Resp: 465452

Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	50.6	0.0	0.0#

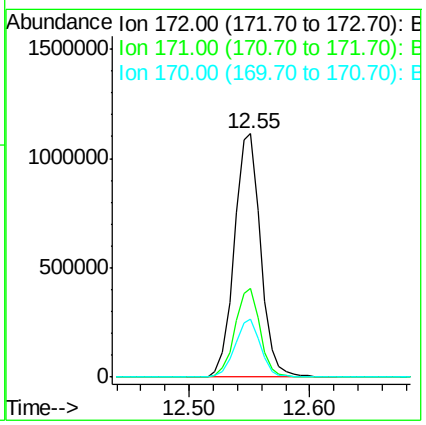


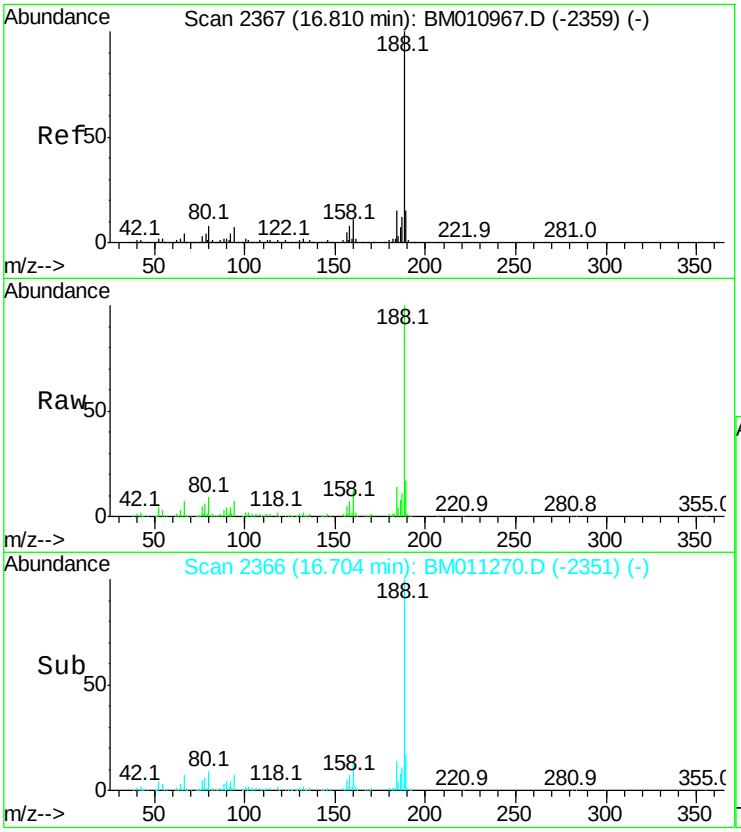


#44
2-Fluorobiphenyl
Concen: 99.551 ng
RT: 12.55 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Tgt Ion:172 Resp: 1689254

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.7	18.8	28.2



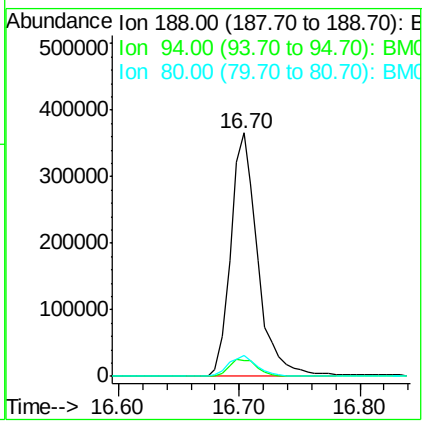


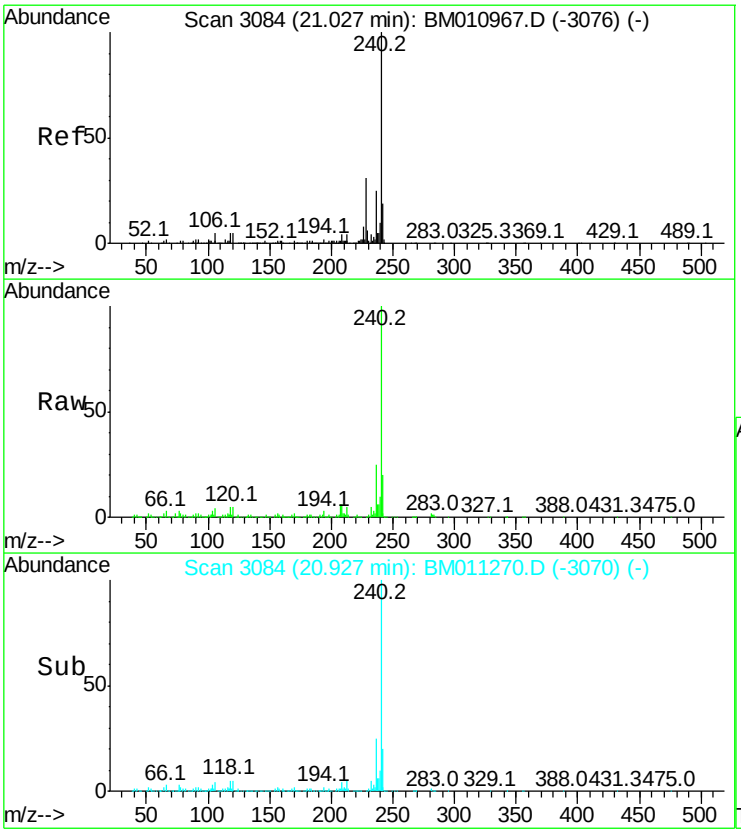
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Instrument :
BNA_M
ClientSampleId :
PB101642TB

Tgt Ion:188 Resp: 568159

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.6	9.3	13.9#

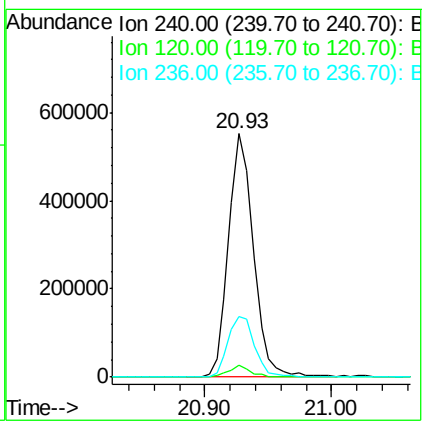


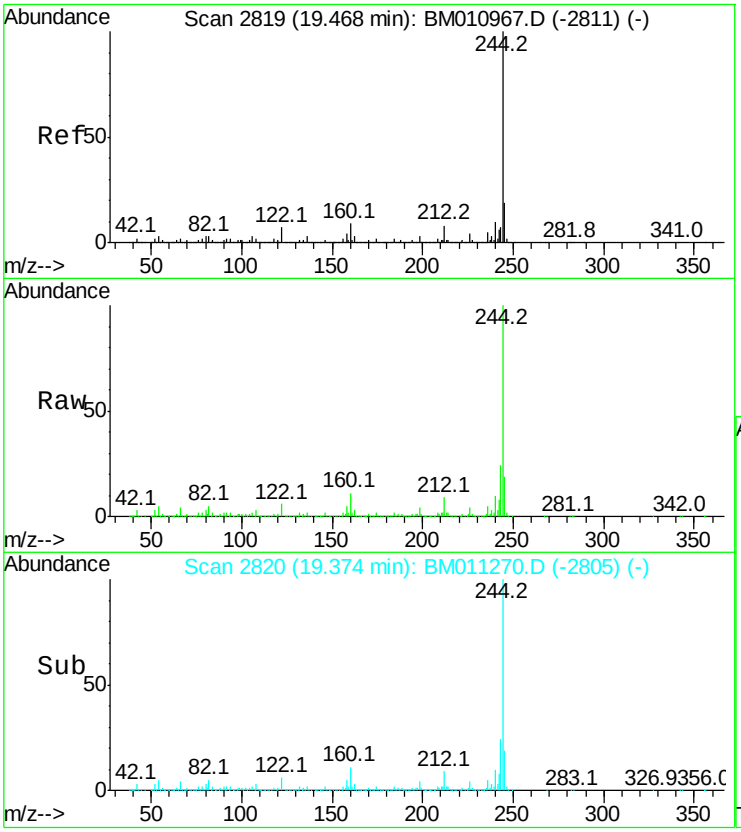


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Tgt Ion:240 Resp: 751104

Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	24.8	20.0	30.0



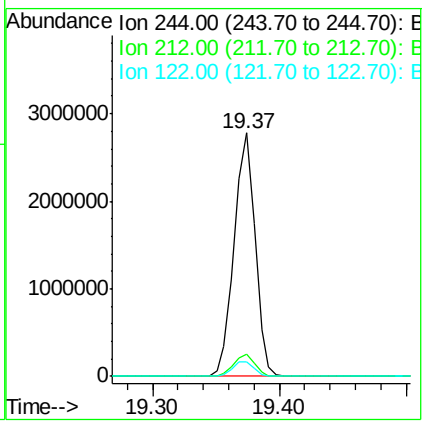


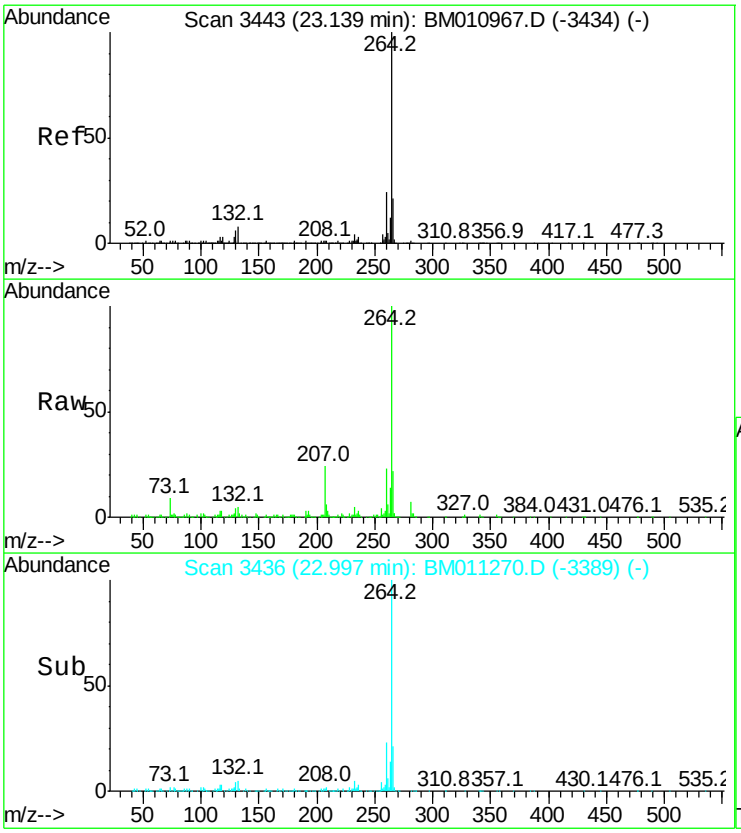
#78
Terphenyl-d14
Concen: 83.748 ng
RT: 19.37 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Instrument :
BNA_M
ClientSampleId :
PB101642TB

Tgt Ion:244 Resp: 3175552

Ion	Ratio	Lower	Upper
244	100		
212	9.1	4.9	7.3#
122	6.0	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.00 min Scan# 3436
Delta R.T. -0.02 min
Lab File: BM011270.D
Acq: 17 Aug 2017 17:16

Tgt Ion:264 Resp: 704147

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	21.7	17.3	25.9