Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
Data File : BM003917.D
Acq On : 31 Dec 2015 16:52
Operator : SJ/UM
Sample : PB87603BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB87603BL

Quant Time: Jan 04 13:49:44 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 13:33:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	41286	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	167911	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	86464	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	214297	5.00	ng	0.00
26) Chrysene-d12	21.27	240	145410	5.00	ng	0.00
35) Perylene-d12	23.52	264	106530	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	67187	7.95	ng	0.00
5) Phenol-d6	6.85	99	84139	8.13	ng	0.00
8) Nitrobenzene-d5	8.84	82	32475	3.94	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	13762	5.38	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	116481	4.18	ng	0.00
29) Terphenyl-d14	19.71	244	102357	4.35	ng	-0.02
Target Compounds						Qvalue

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

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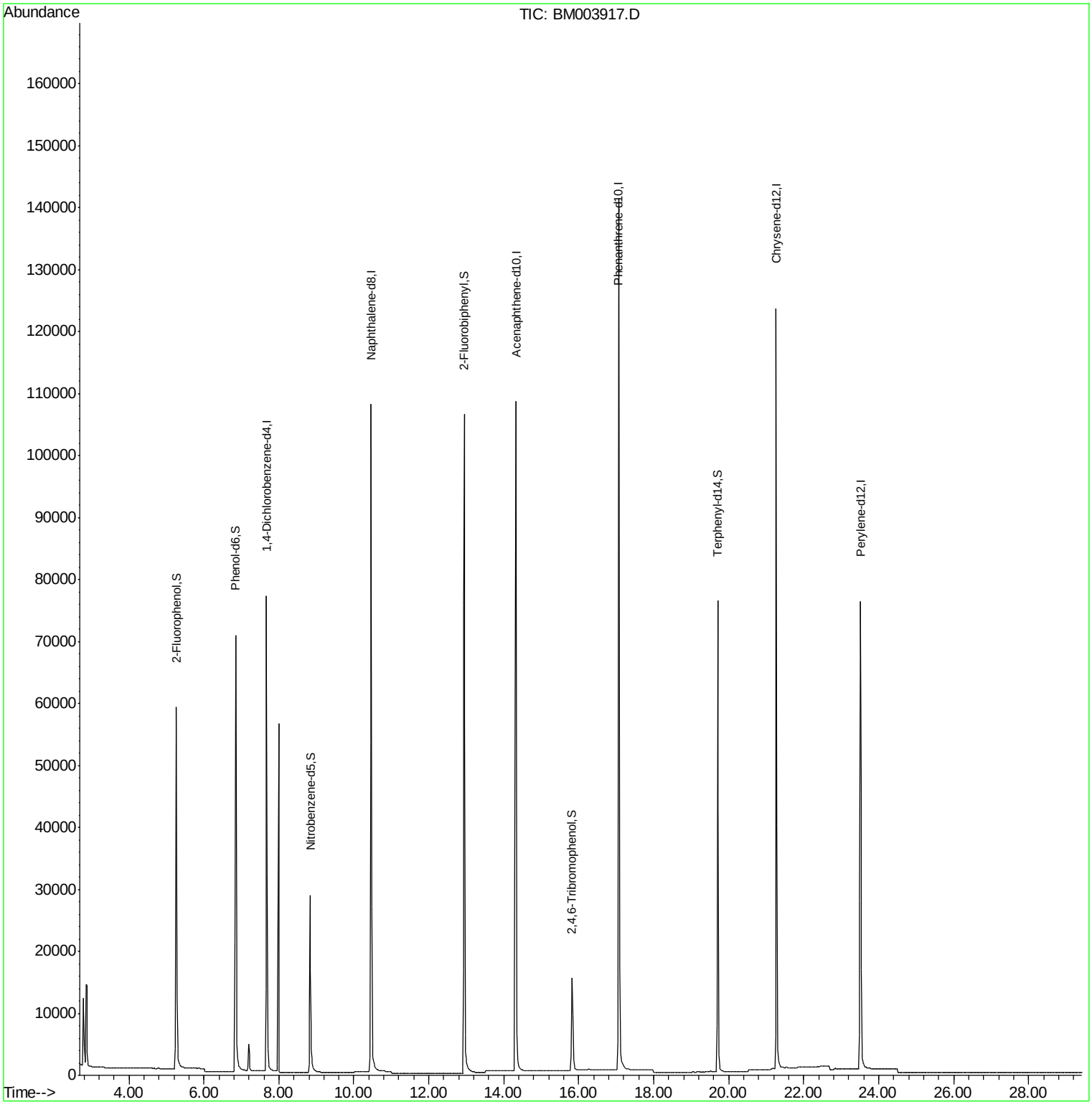
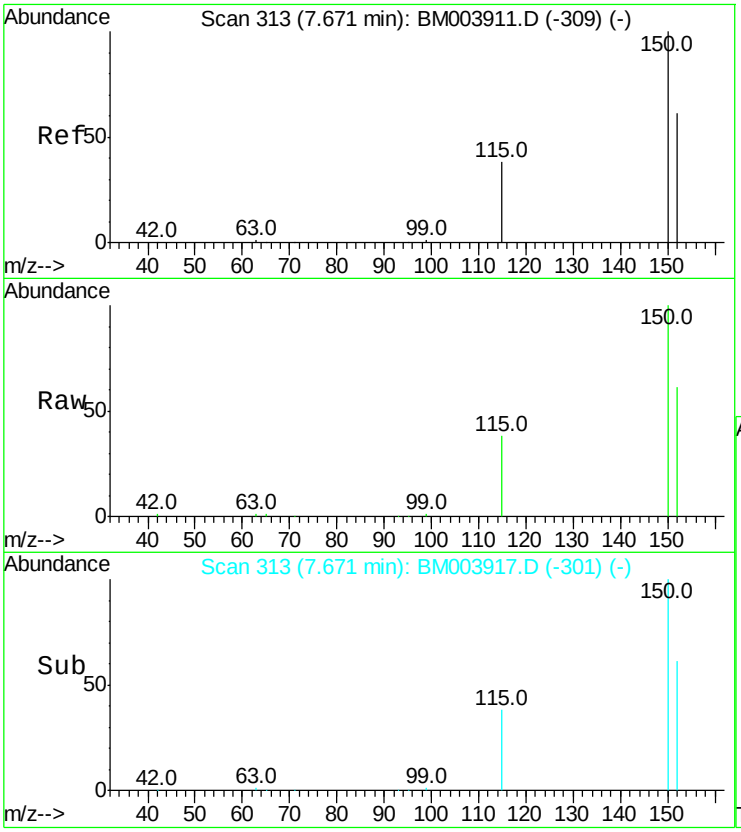


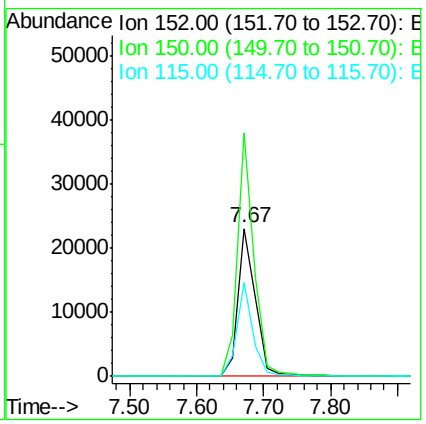


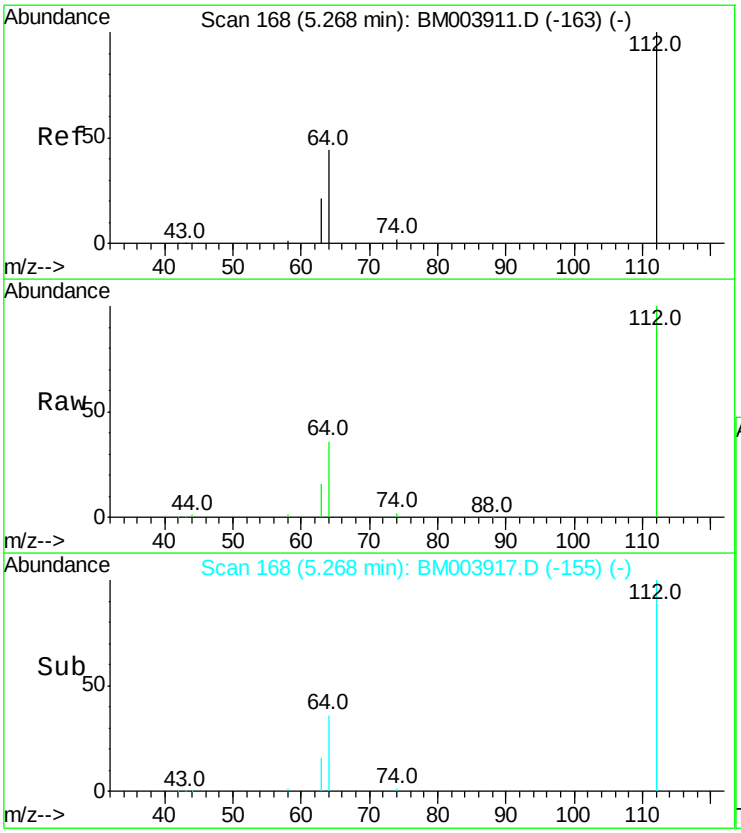
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Instrument :
BNA_M
ClientSampleId :
PB87603BL

Tgt Ion:152 Resp: 41286

Ion	Ratio	Lower	Upper
152	100		
150	164.2	122.9	184.3
115	63.1	44.4	66.6

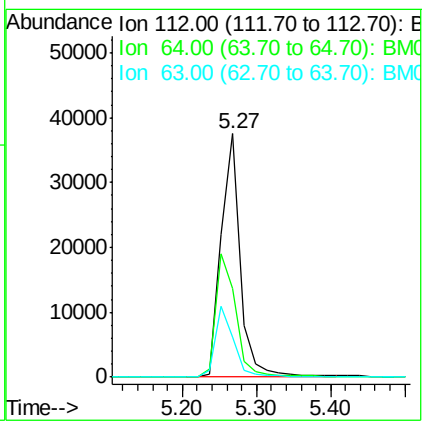


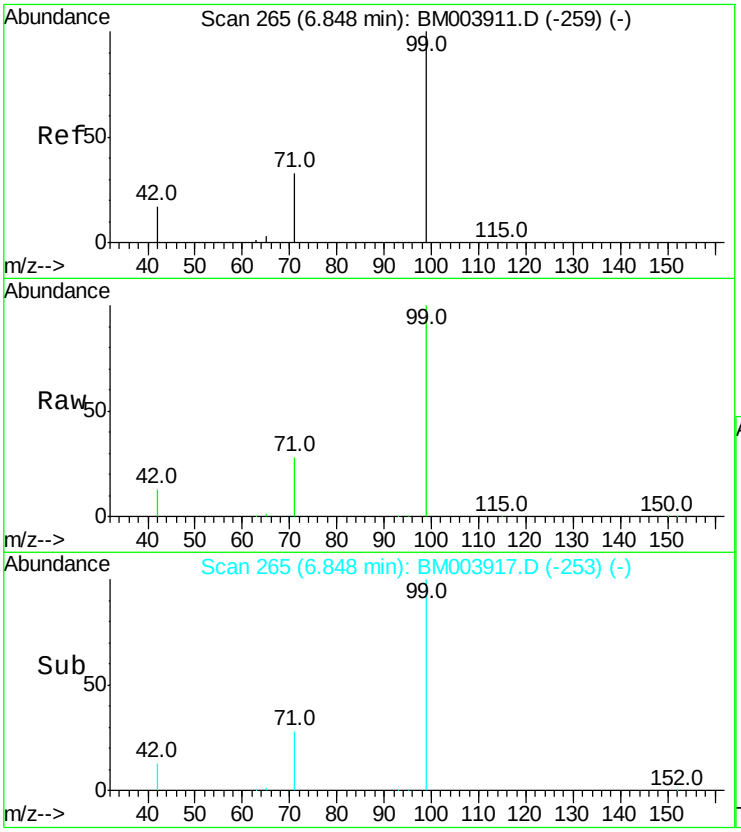


#4
2-Fluorophenol
Concen: 7.95 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Tgt Ion:112 Resp: 67187

Ion	Ratio	Lower	Upper
112	100		
64	52.9	41.8	62.8
63	27.9	22.1	33.1



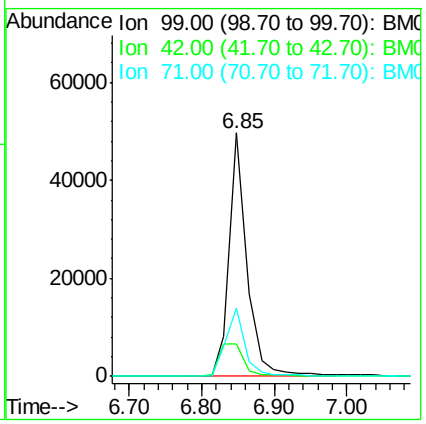


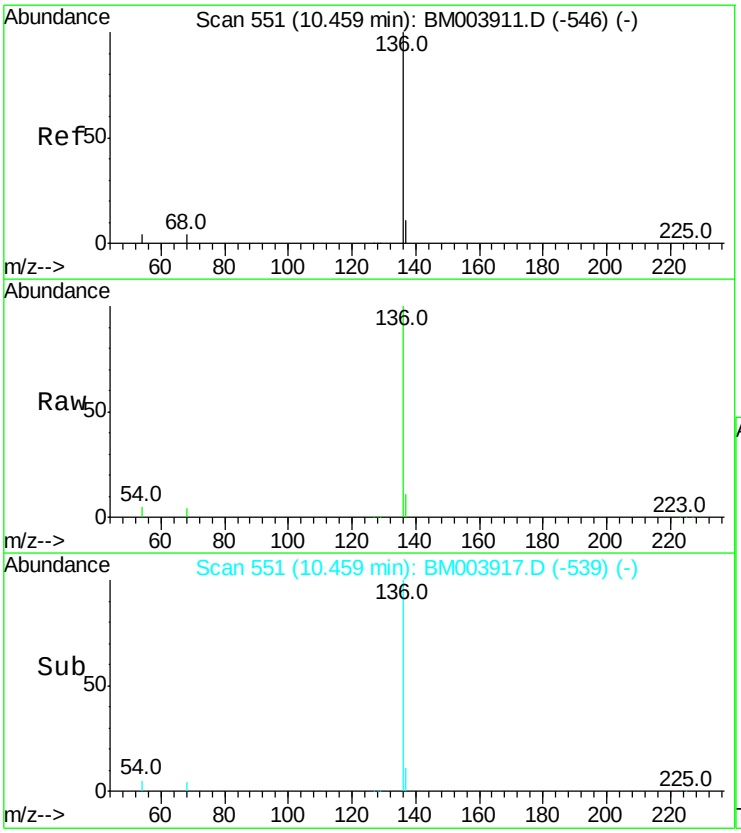
#5
Phenol-d6
Concen: 8.13 ng
RT: 6.85 min Scan# 265
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Instrument :
BNA_M
ClientSampleId :
PB87603BL

Tgt Ion: 99 Resp: 84139

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.2	24.2
71	30.0	24.4	36.6

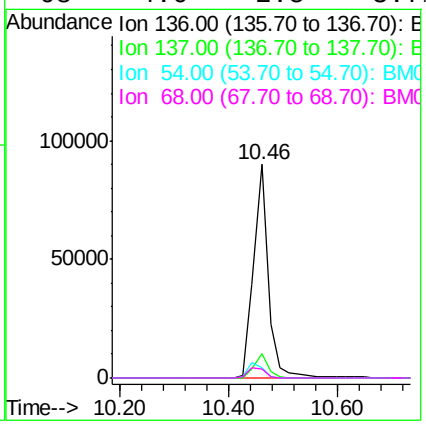


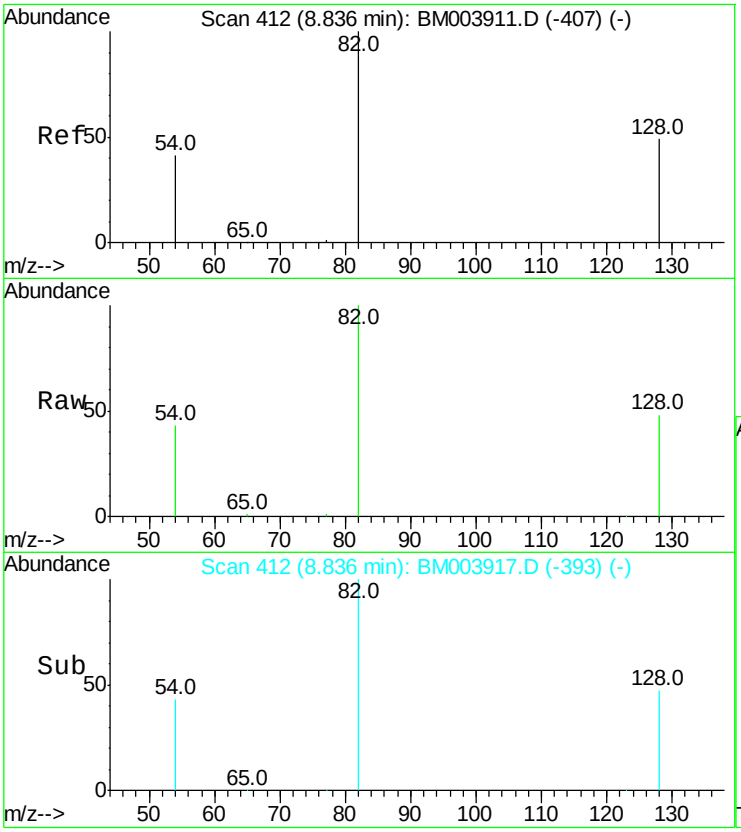


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Tgt Ion:136 Resp: 167911

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	4.9	2.8	4.2#
68	4.0	2.5	3.7#



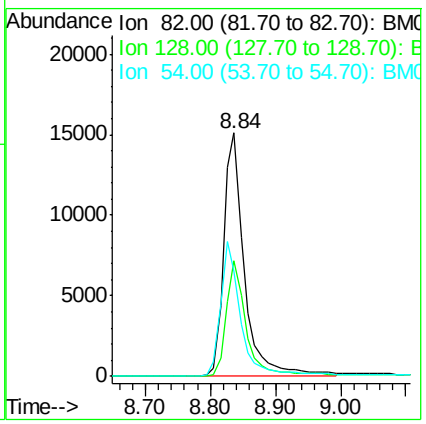


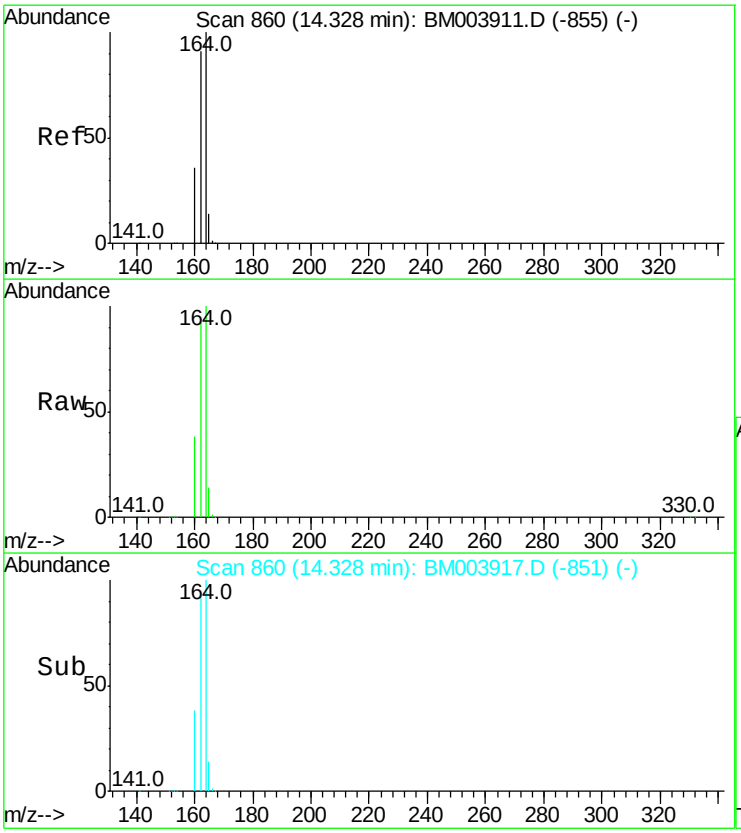
#8
Nitrobenzene-d5
Concen: 3.94 ng
RT: 8.84 min Scan# 412
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Instrument :
BNA_M
ClientSampleId :
PB87603BL

Tgt Ion: 82 Resp: 32475

Ion	Ratio	Lower	Upper
82	100		
128	47.5	39.1	58.7
54	43.4	34.8	52.2

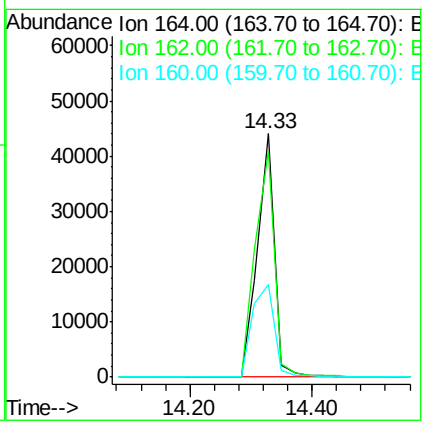


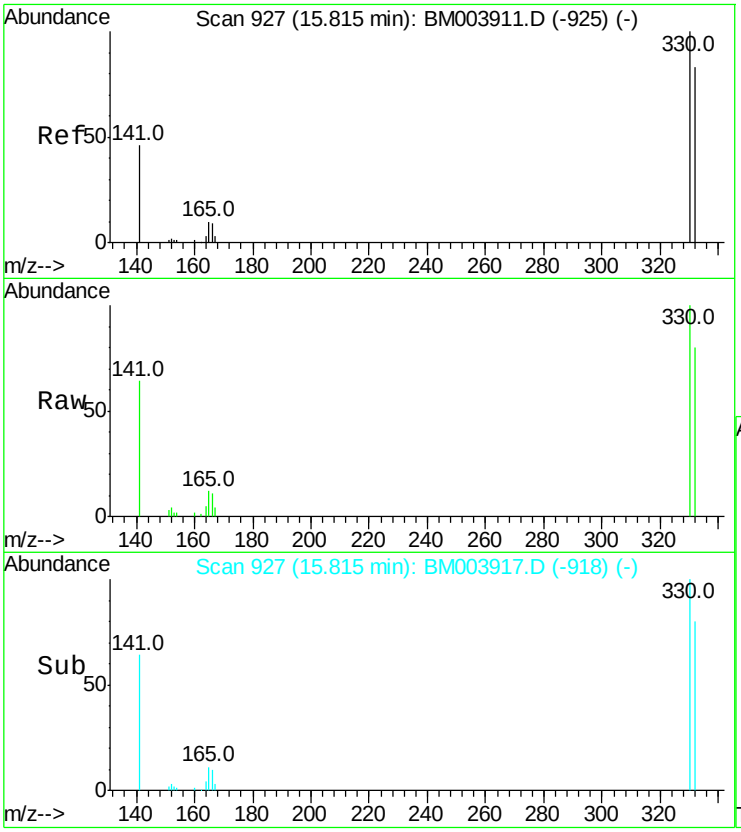


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Tgt Ion:164 Resp: 86464

Ion	Ratio	Lower	Upper
164	100		
162	92.5	86.0	129.0
160	38.0	40.3	60.5#



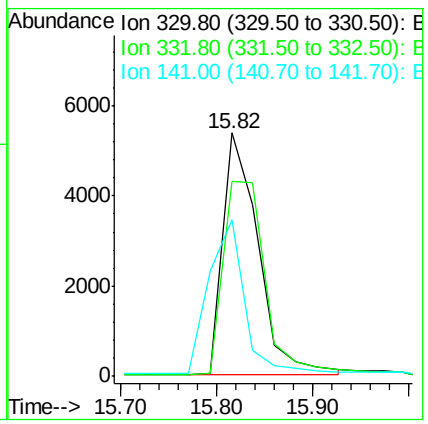


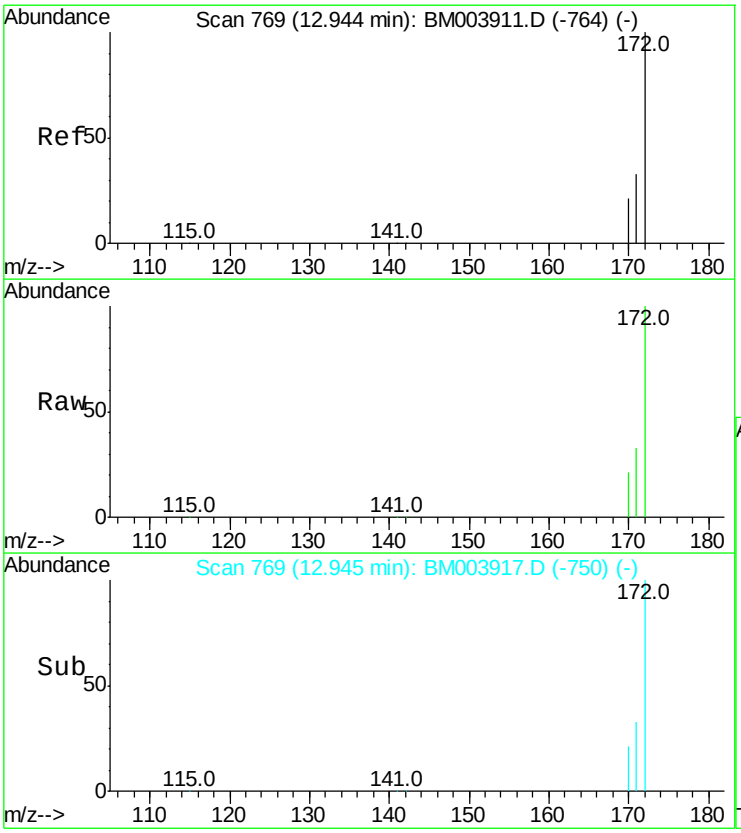
#14
2,4,6-Tribromophenol
Concen: 5.38 ng
RT: 15.82 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Instrument :
BNA_M
ClientSampleId :
PB87603BL

Tgt Ion:330 Resp: 13762

Ion	Ratio	Lower	Upper
330	100		
332	94.3	79.0	118.4
141	64.2	0.0	0.0#

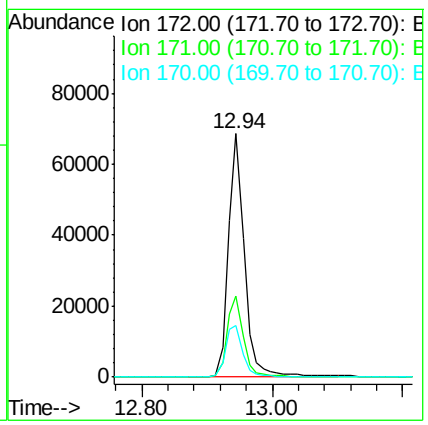


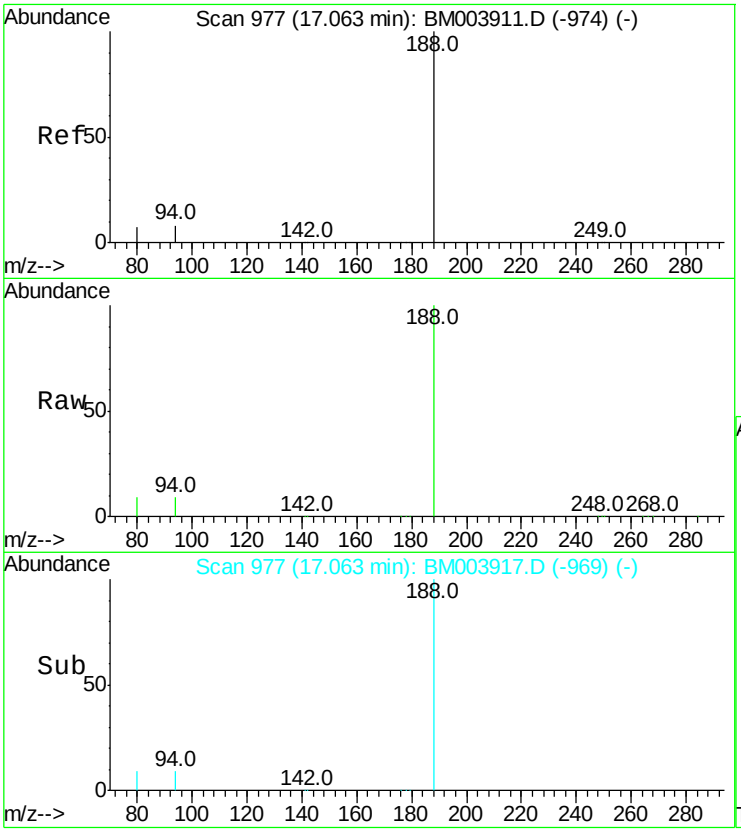


#15
2-Fluorobiphenyl
Concen: 4.18 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Tgt Ion:172 Resp: 116481

Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.0	40.6
170	21.4	17.9	26.9



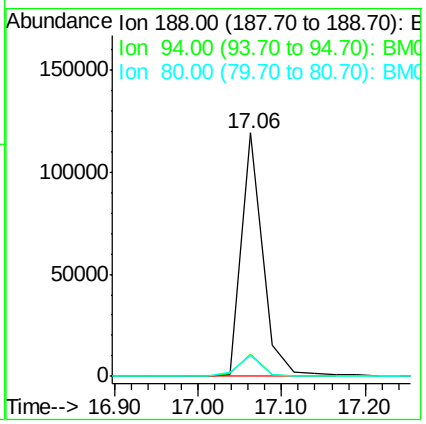


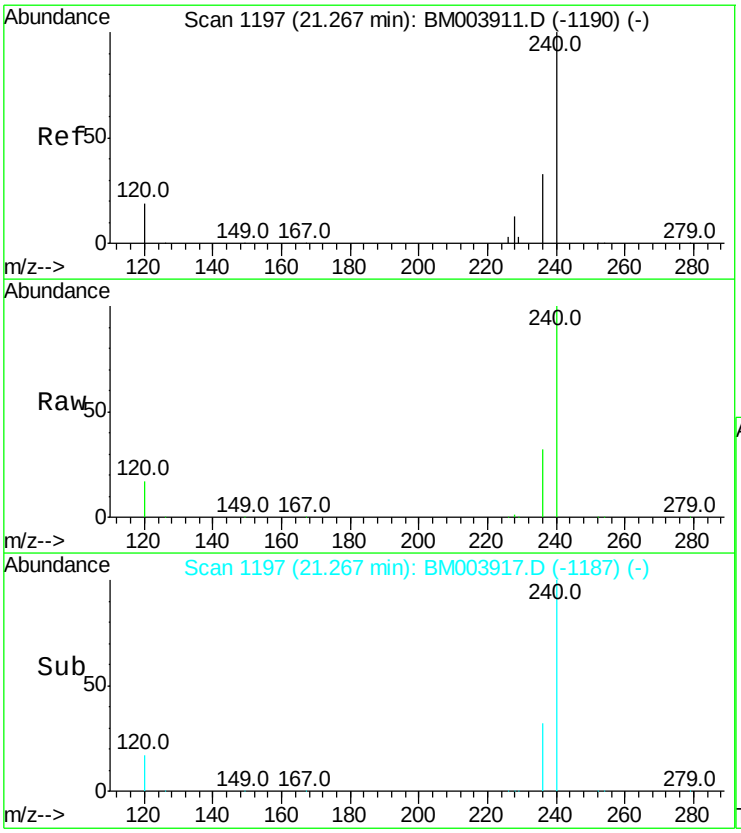
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Instrument :
BNA_M
ClientSampleId :
PB87603BL

Tgt Ion:188 Resp: 214297

Ion	Ratio	Lower	Upper
188	100		
94	9.1	20.3	30.5#
80	8.6	22.2	33.4#

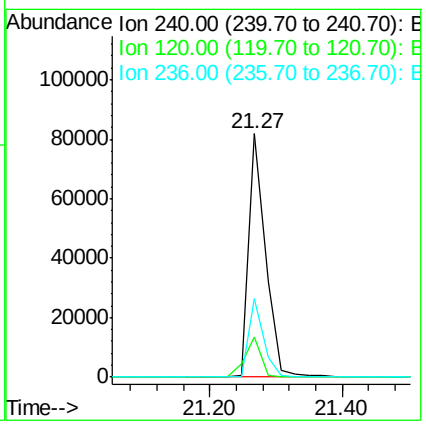


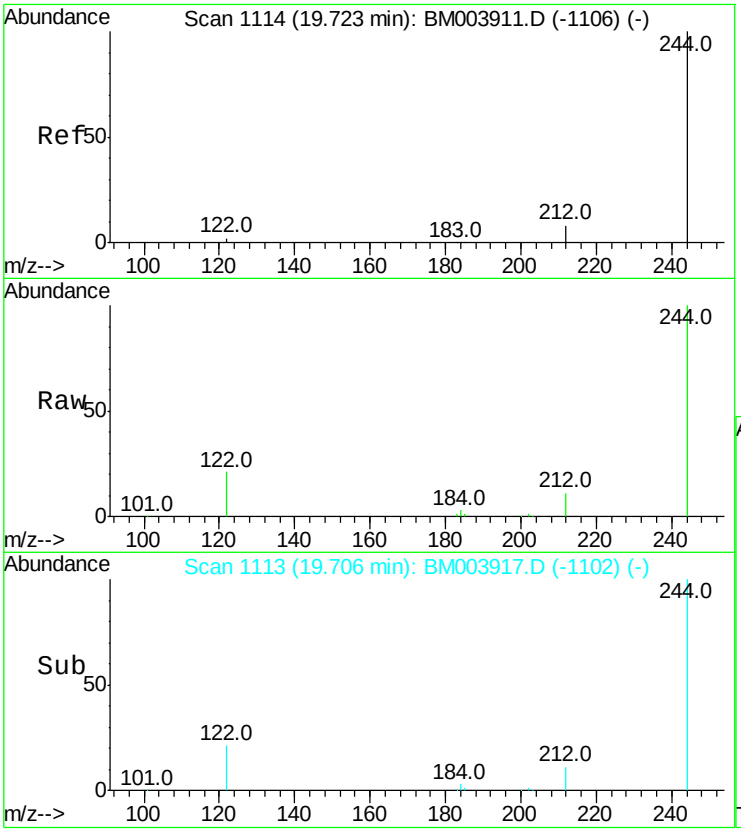


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Tgt Ion:240 Resp: 145410

Ion	Ratio	Lower	Upper
240	100		
120	16.7	0.9	1.3#
236	32.3	17.3	25.9#



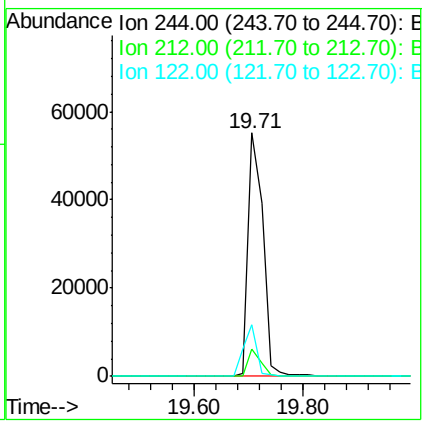


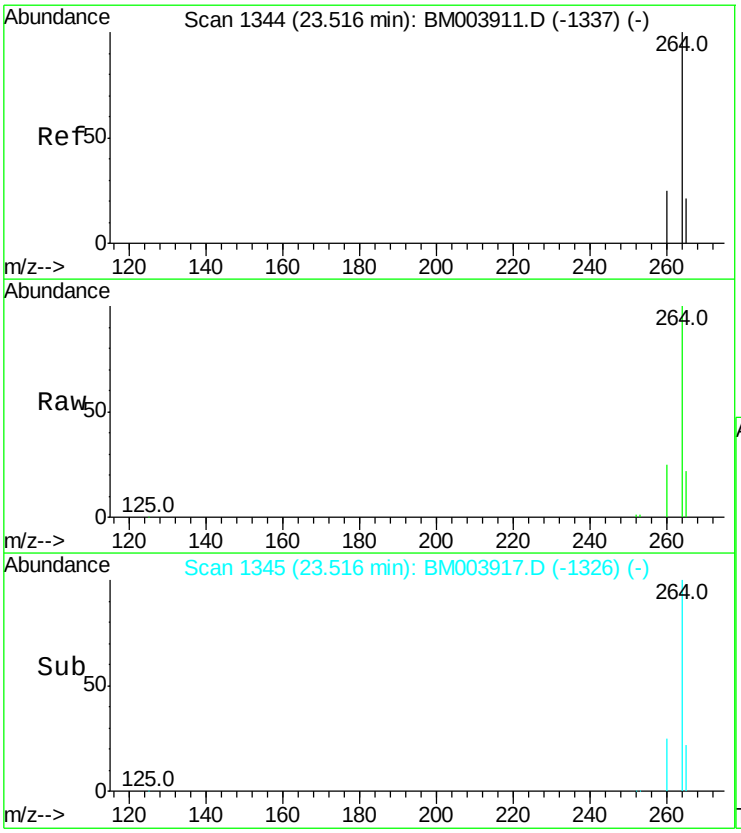
#29
Terphenyl-d14
Concen: 4.35 ng
RT: 19.71 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Instrument :
BNA_M
ClientSampleId :
PB87603BL

Tgt Ion:244 Resp: 102357

Ion	Ratio	Lower	Upper
244	100		
212	11.4	7.0	10.6#
122	21.1	3.0	4.6#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BM003917.D
Acq: 31 Dec 2015 16:52

Tgt Ion:264 Resp: 106530

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.2	31.8
265	22.4	16.7	25.1