Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
Data File : BM001198.D
Acq On : 04 May 2015 23:49
Operator : TP/IZ
Sample : G2104-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-101

Quant Time: May 05 04:50:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 03:49:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	16306	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	67307	5.00	ng	0.00
12) Acenaphthene-d10	14.18	164	38229	5.00	ng	-0.02
18) Phenanthrene-d10	16.94	188	93187	5.00	ng	0.00
24) Chrysene-d12	21.15	240	78928	5.00	ng	0.00
30) Perylene-d12	23.29	264	64594	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	14539	4.58	ng	0.00
5) Phenol-d6	6.72	99	13841	3.54	ng	0.02
7) Nitrobenzene-d5	8.69	82	31178	8.18	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	26858	14.26	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	96158	7.61	ng	0.00
26) Terphenyl-d14	19.58	244	99572	9.15	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.36	128	1739	0.12	ng	# 77
11) 2-Methylnaphthalene	11.98	142	742	0.07	ng	# 80
16) Acenaphthene	14.24	154	1848	0.16	ng	# 78
17) Fluorene	15.24	166	1984	0.15	ng	# 82
21) Phenanthrene	16.98	178	4131	0.17	ng	# 76

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
Data File : BM001198.D
Acq On : 04 May 2015 23:49
Operator : TP/IZ
Sample : G2104-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-101

Quant Time: May 05 04:50:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 03:49:45 2015
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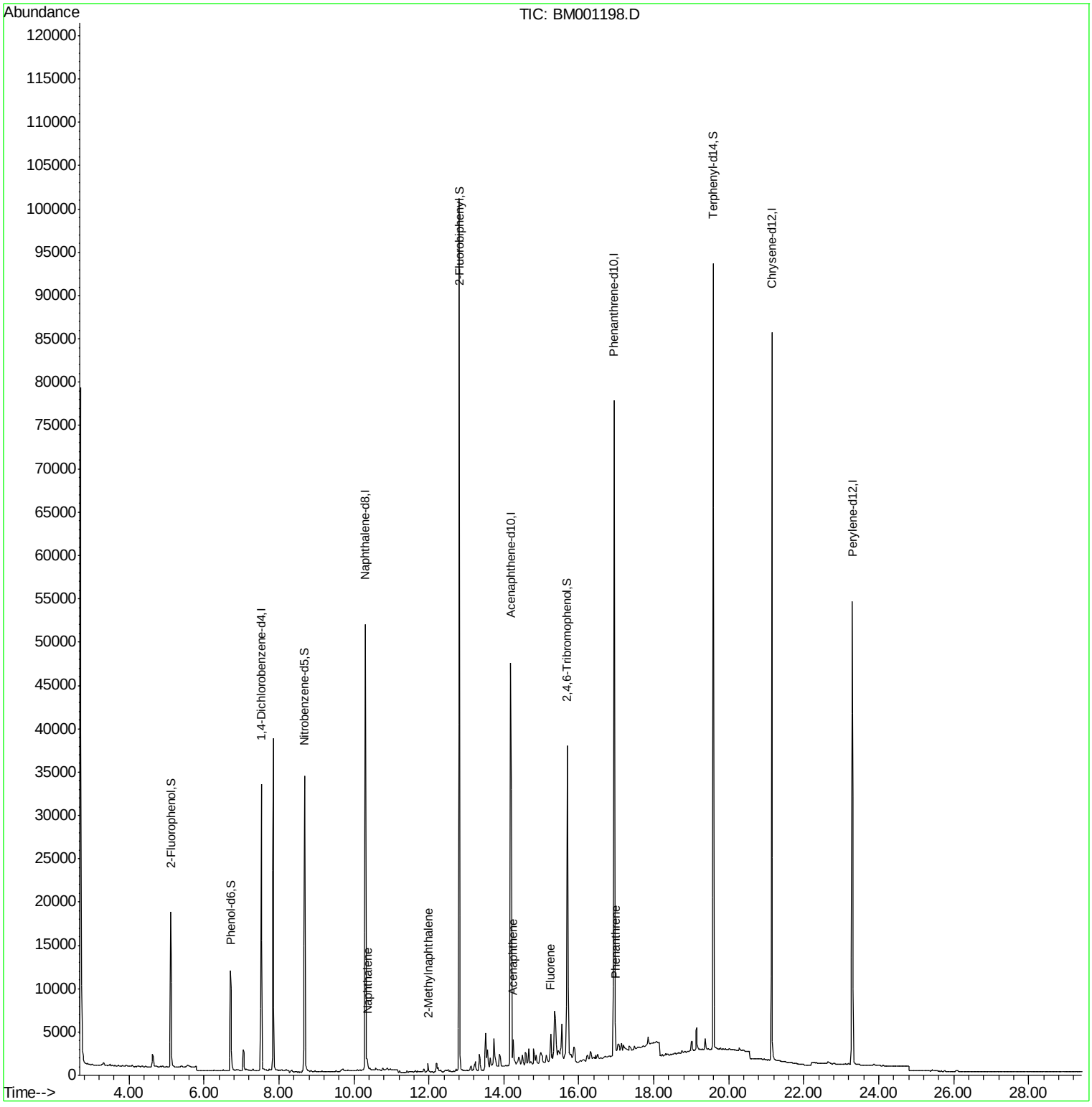
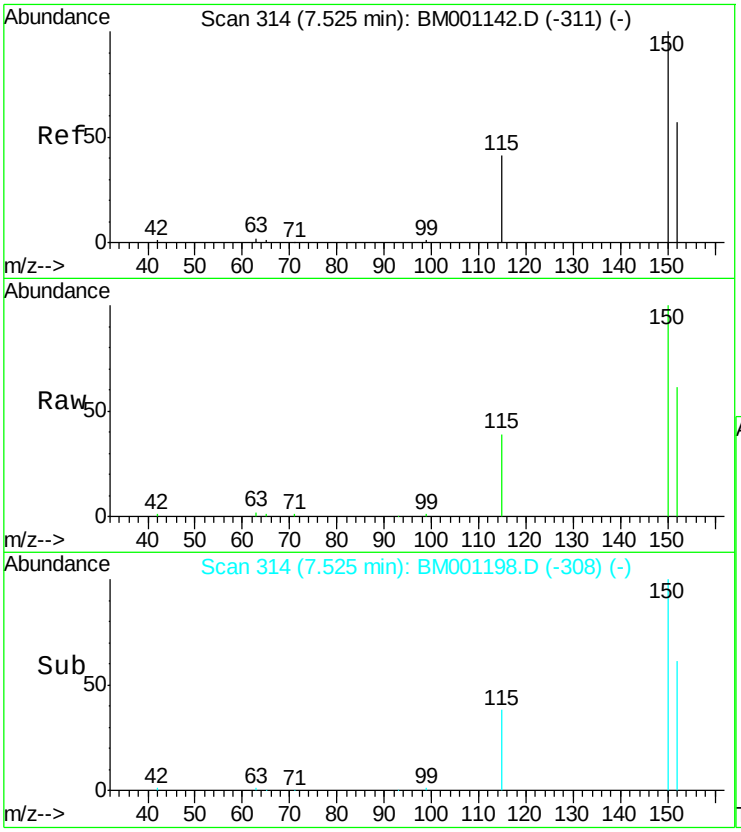


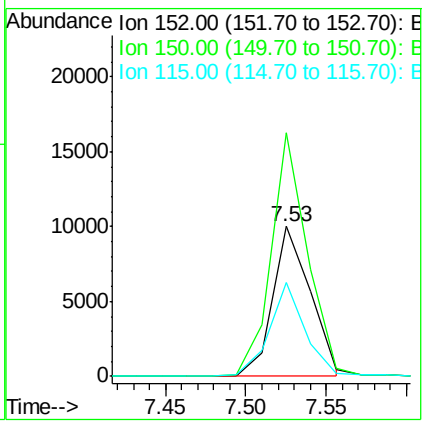


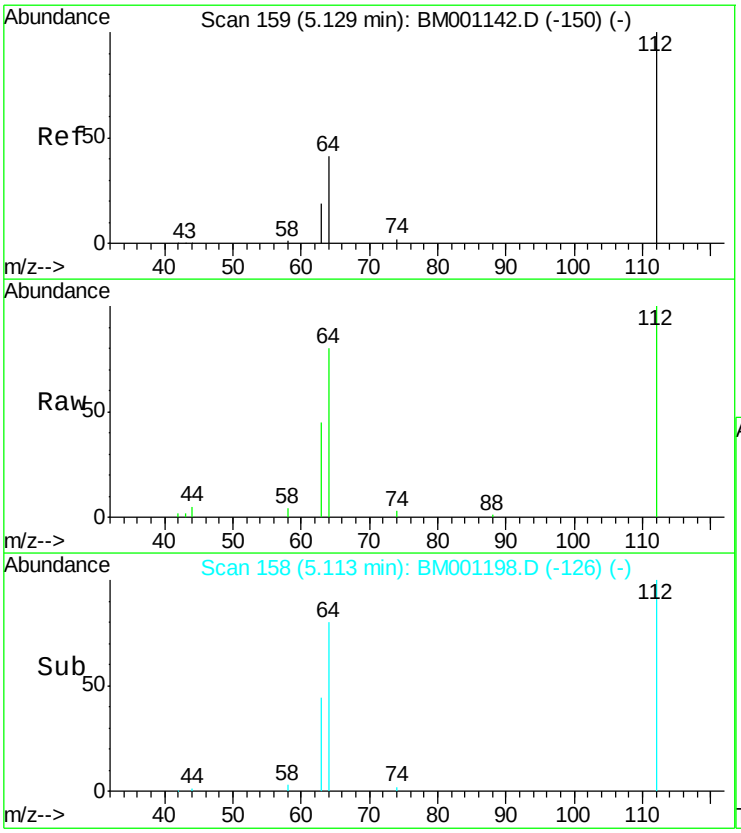
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MW-101

Tgt Ion:152 Resp: 16306

Ion	Ratio	Lower	Upper
152	100		
150	162.7	140.1	210.1
115	62.9	57.8	86.6

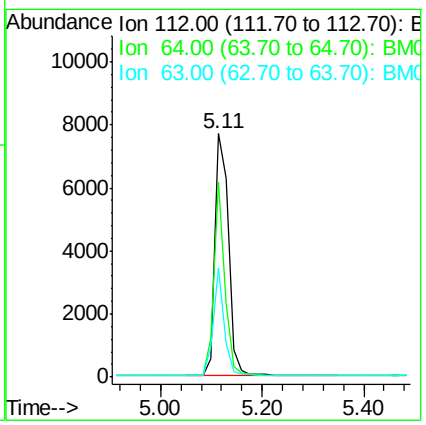


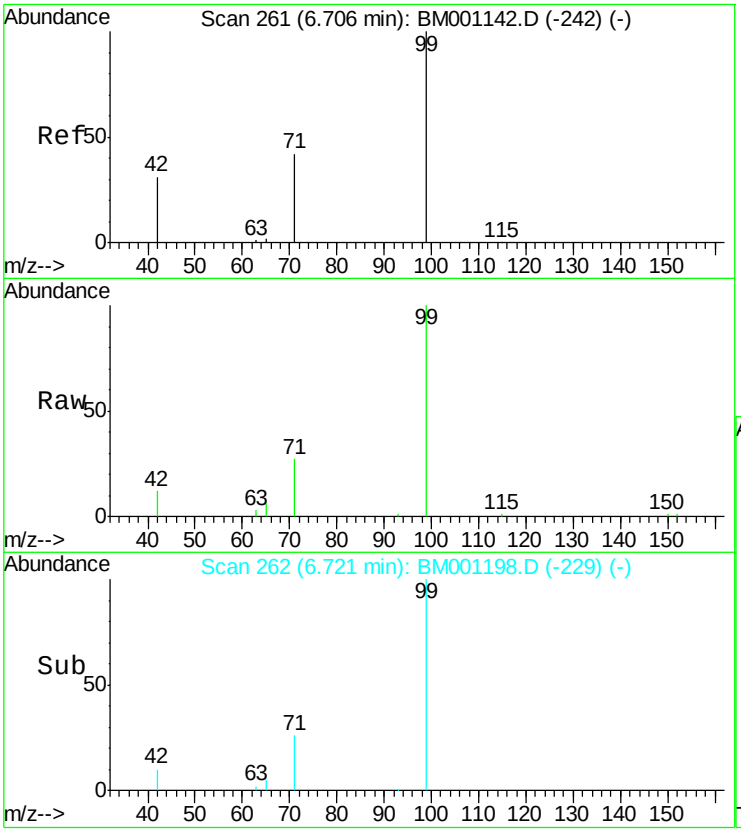


#4
2-Fluorophenol
Concen: 4.58 ng
RT: 5.11 min Scan# 158
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Tgt Ion:112 Resp: 14539

Ion	Ratio	Lower	Upper
112	100		
64	64.3	52.6	79.0
63	35.6	29.5	44.3



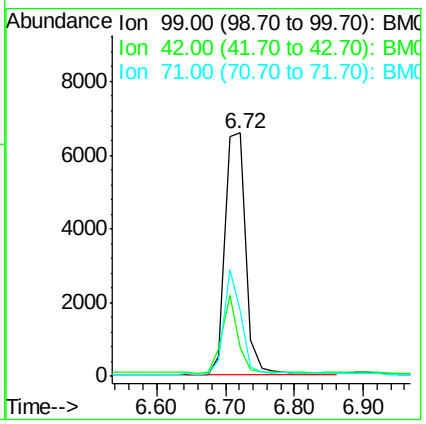


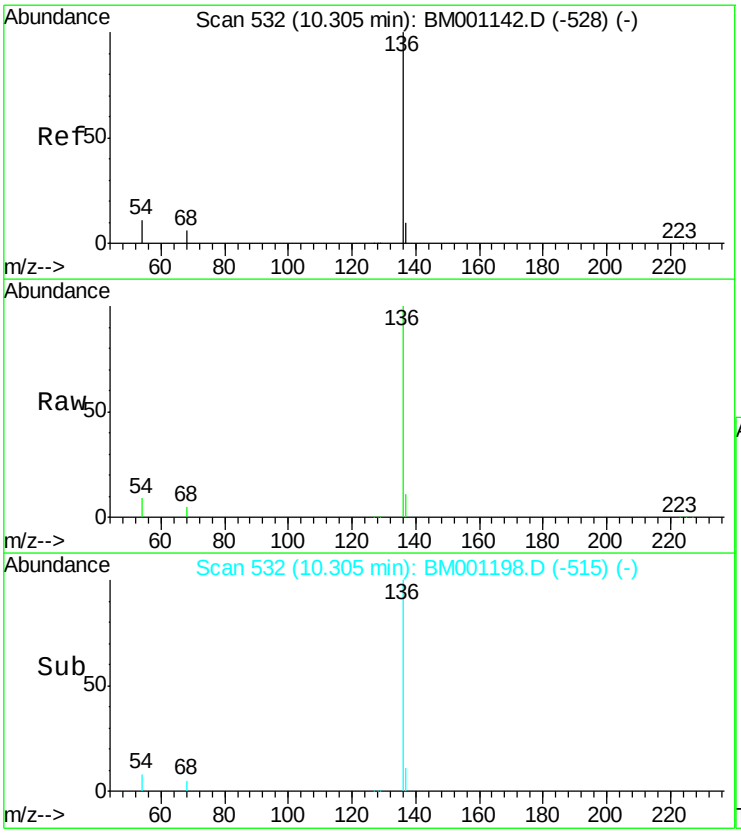
#5
Phenol-d6
Concen: 3.54 ng
RT: 6.72 min Scan# 262
Delta R.T. 0.02 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MW-101

Tgt Ion: 99 Resp: 13841

Ion	Ratio	Lower	Upper
99	100		
42	24.2	20.9	31.3
71	36.3	28.5	42.7

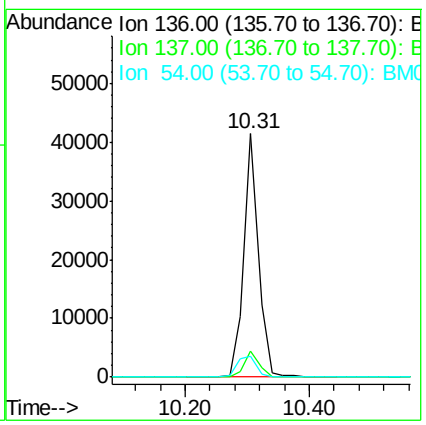


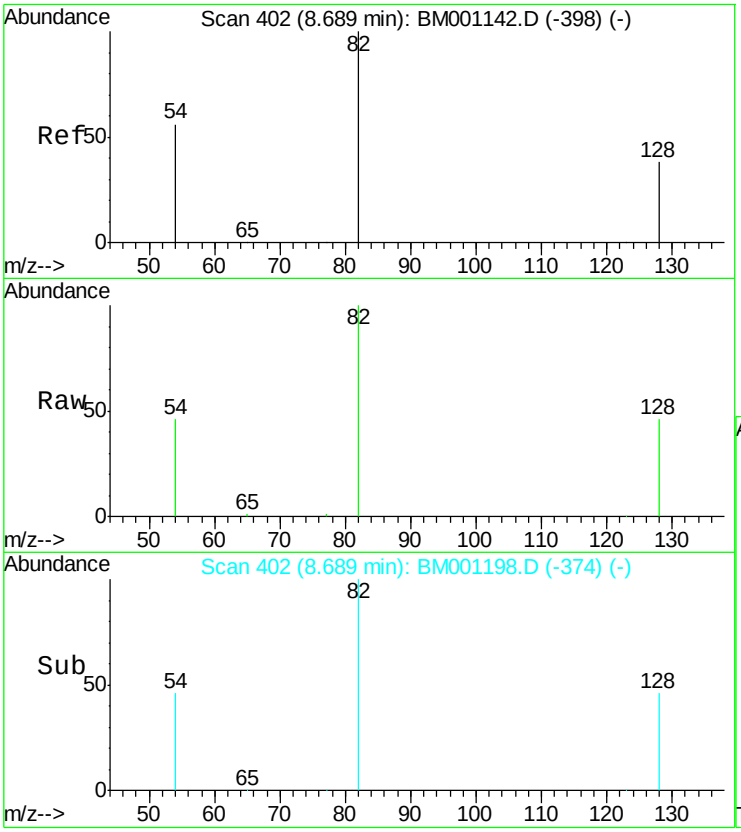


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Tgt Ion:136 Resp: 67307

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	8.6	9.0	13.4#



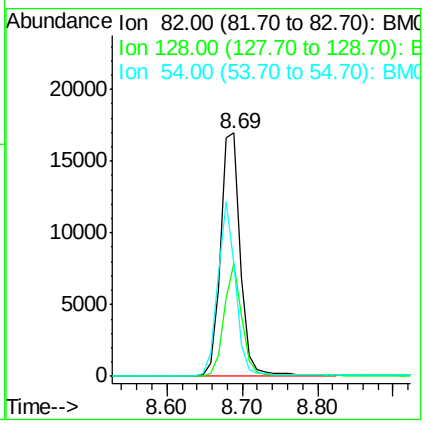


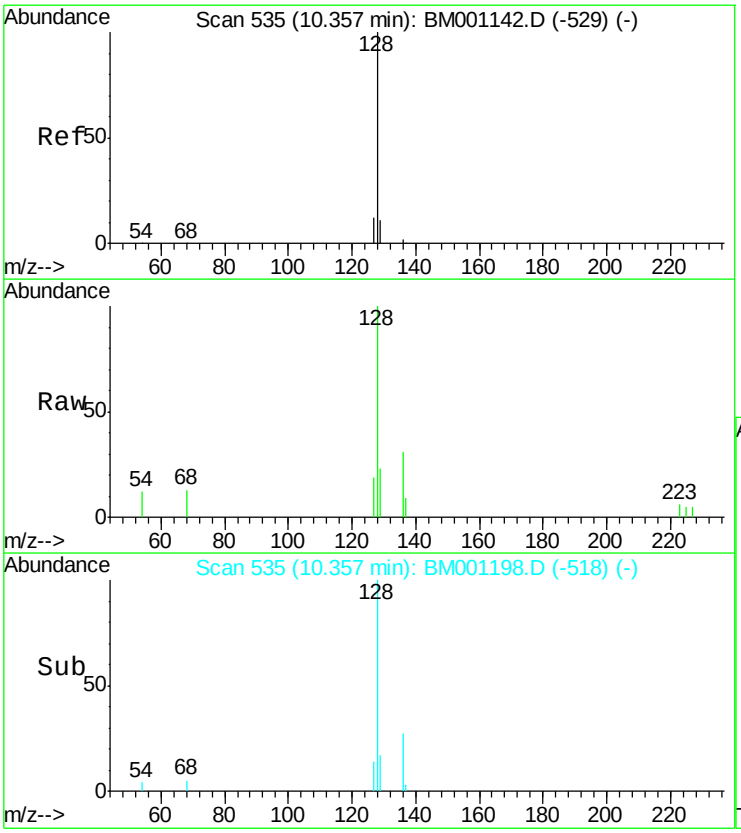
#7
Nitrobenzene-d5
Concen: 8.18 ng
RT: 8.69 min Scan# 402
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MW-101

Tgt Ion: 82 Resp: 31178

Ion	Ratio	Lower	Upper
82	100		
128	46.2	31.9	47.9
54	46.2	46.2	69.2

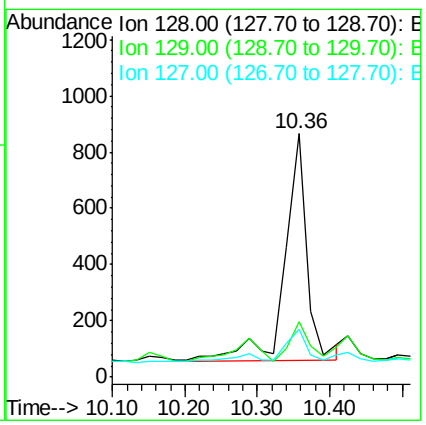


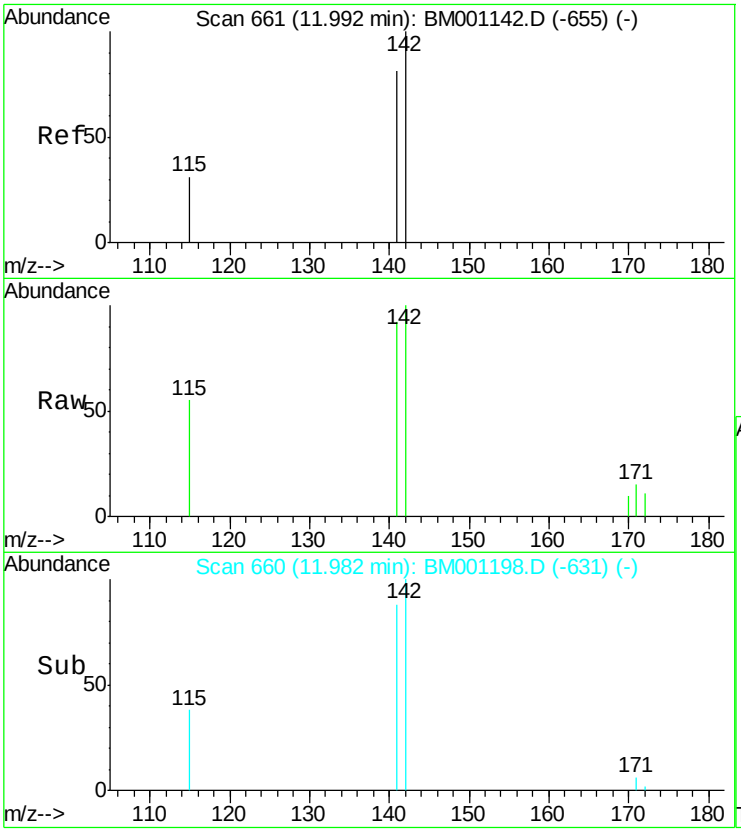


#9
Naphthalene
Concen: 0.12 ng
RT: 10.36 min Scan# 535
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Tgt Ion:128 Resp: 1739

Ion	Ratio	Lower	Upper
128	100		
129	22.5	9.0	13.6#
127	19.4	10.0	15.0#



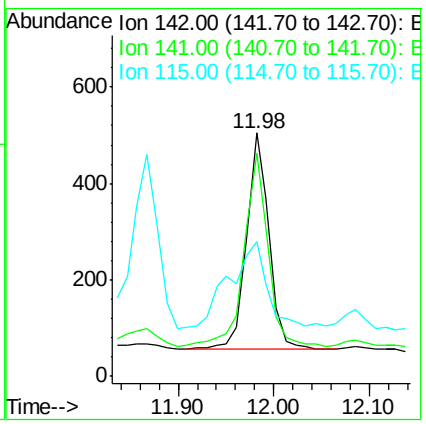


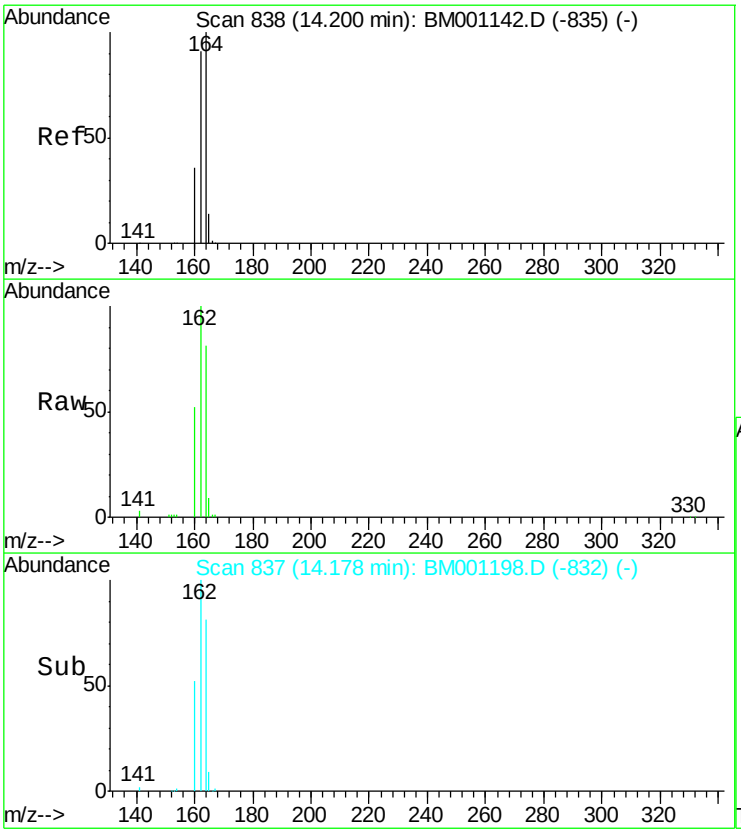
#11
2-Methylnaphthalene
Concen: 0.07 ng
RT: 11.98 min Scan# 660
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MW-101

Tgt Ion:142 Resp: 742

Ion	Ratio	Lower	Upper
142	100		
141	91.7	65.1	97.7
115	55.4	25.1	37.7#

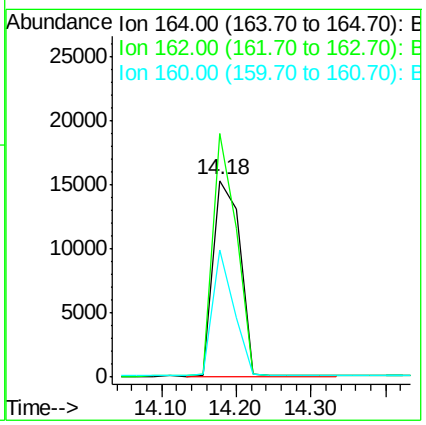


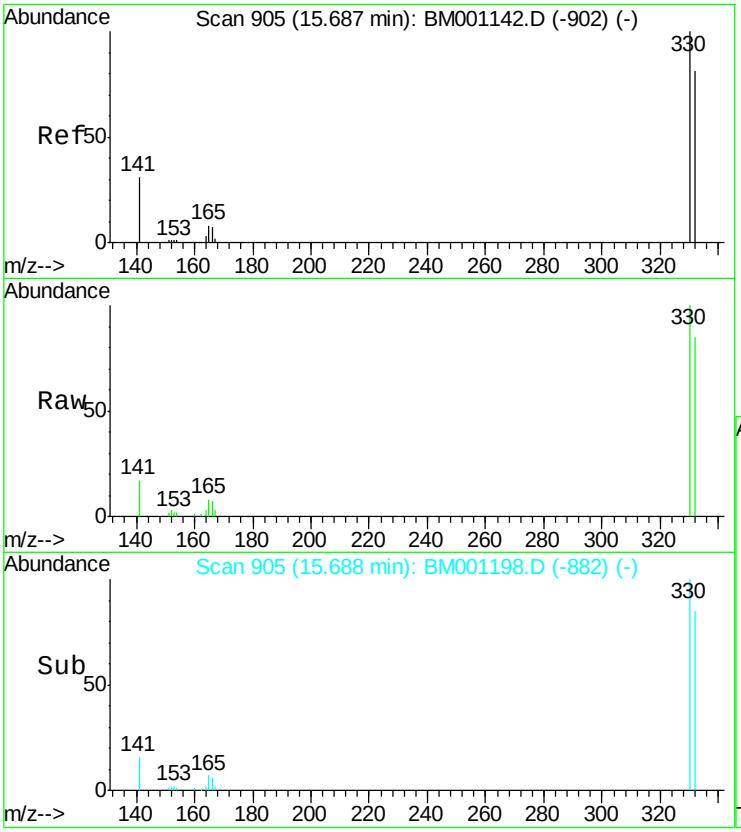


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.18 min Scan# 837
Delta R.T. -0.02 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Tgt Ion:164 Resp: 38229

Ion	Ratio	Lower	Upper
164	100		
162	123.8	72.7	109.1#
160	64.4	28.7	43.1#



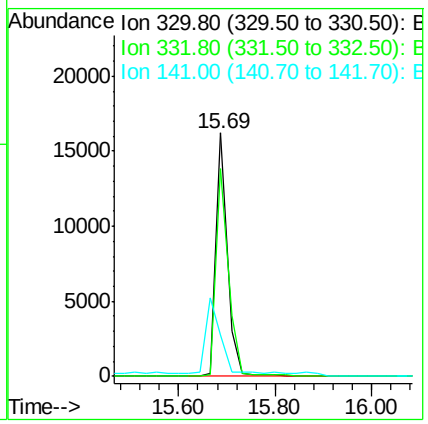


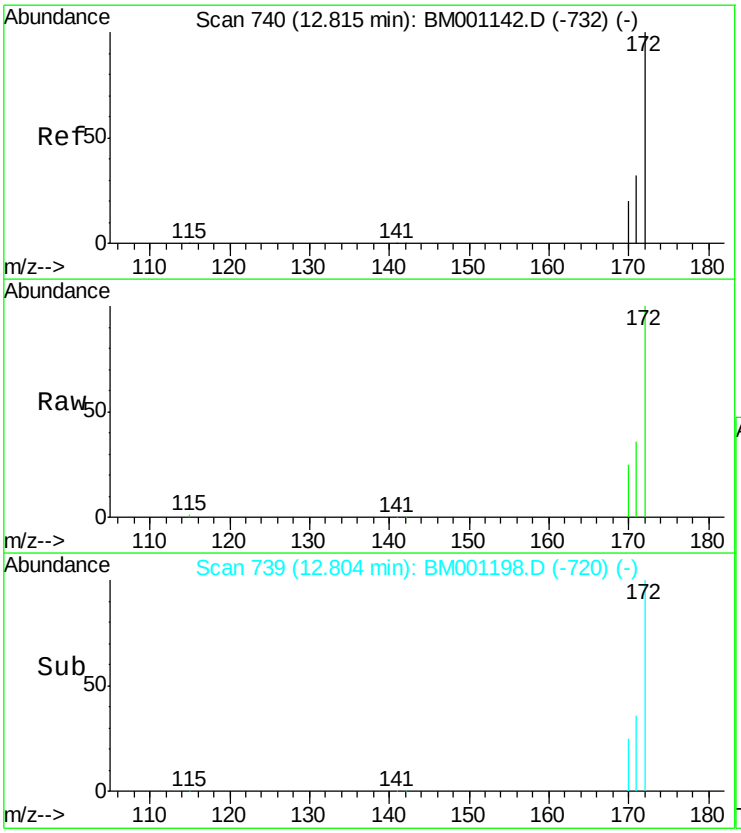
#13
2,4,6-Tribromophenol
Concen: 14.26 ng
RT: 15.69 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MW-101

Tgt Ion:330 Resp: 26858

Ion	Ratio	Lower	Upper
330	100		
332	92.5	74.5	111.7
141	0.0	21.0	31.4#

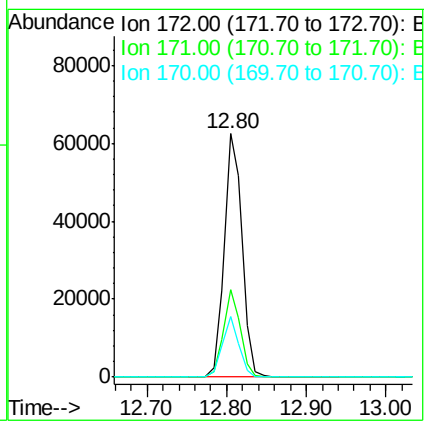


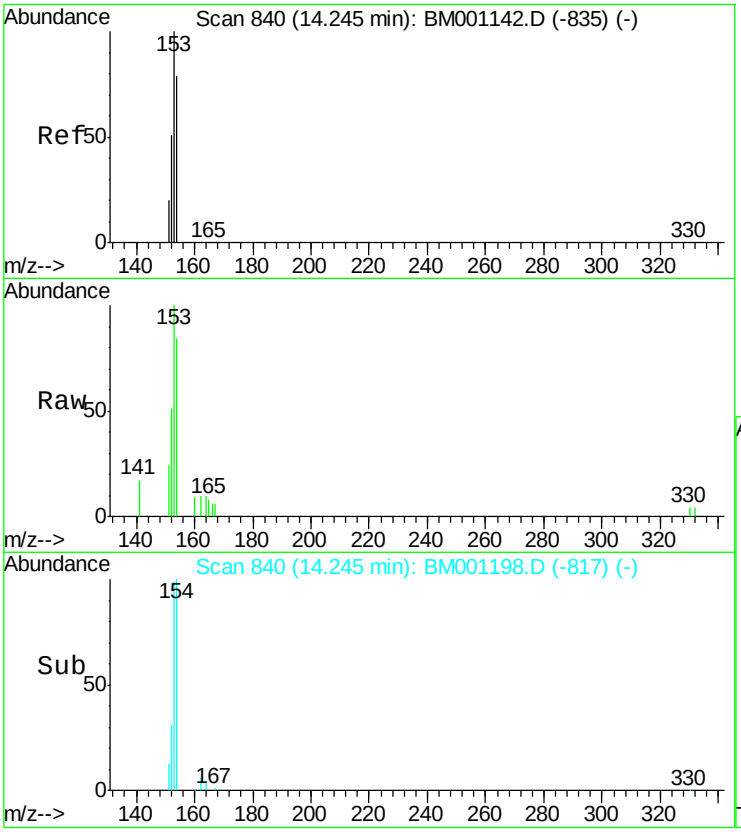


#14
2-Fluorobiphenyl
Concen: 7.61 ng
RT: 12.80 min Scan# 739
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Tgt Ion:172 Resp: 96158

Ion	Ratio	Lower	Upper
172	100		
171	36.2	25.8	38.6
170	24.8	16.1	24.1#



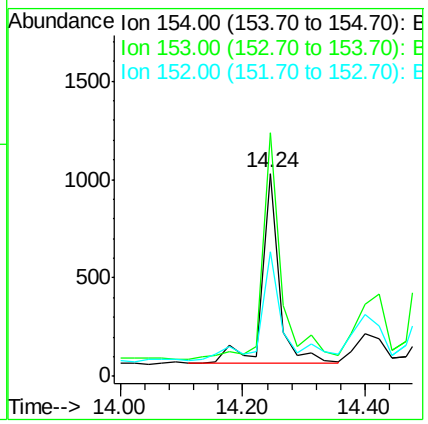


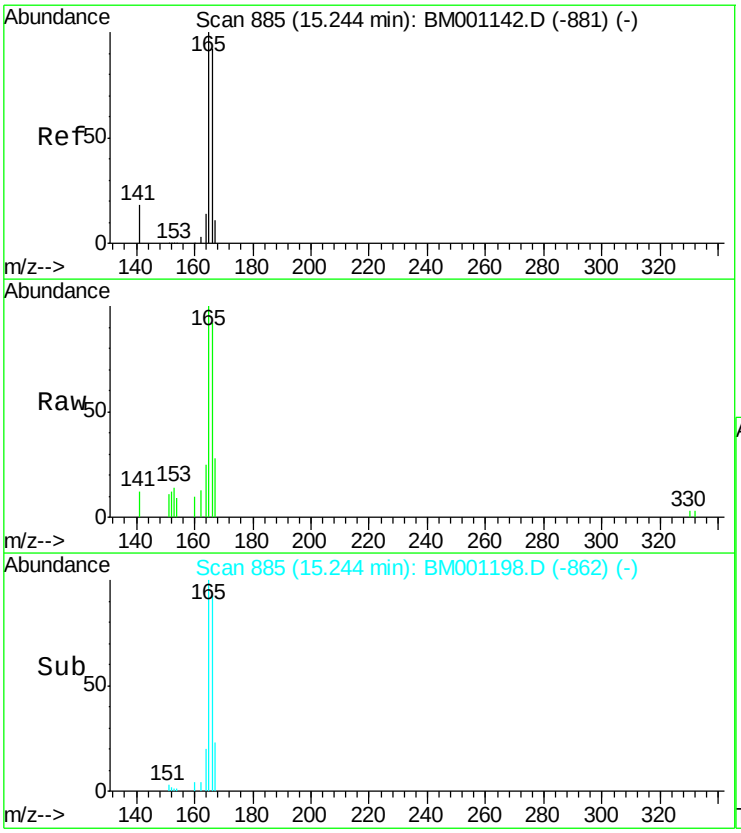
#16
Acenaphthene
Concen: 0.16 ng
RT: 14.24 min Scan# 840
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MW-101

Tgt Ion:154 Resp: 1848

Ion	Ratio	Lower	Upper
154	100		
153	131.0	90.6	136.0
152	79.5	45.0	67.4#

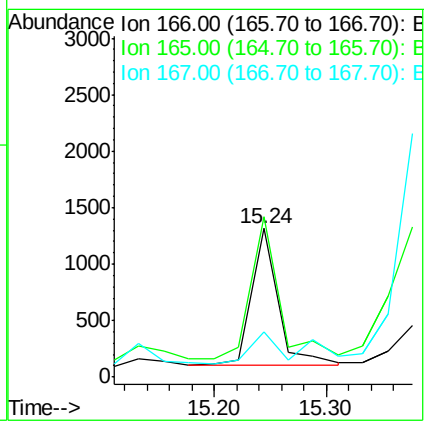


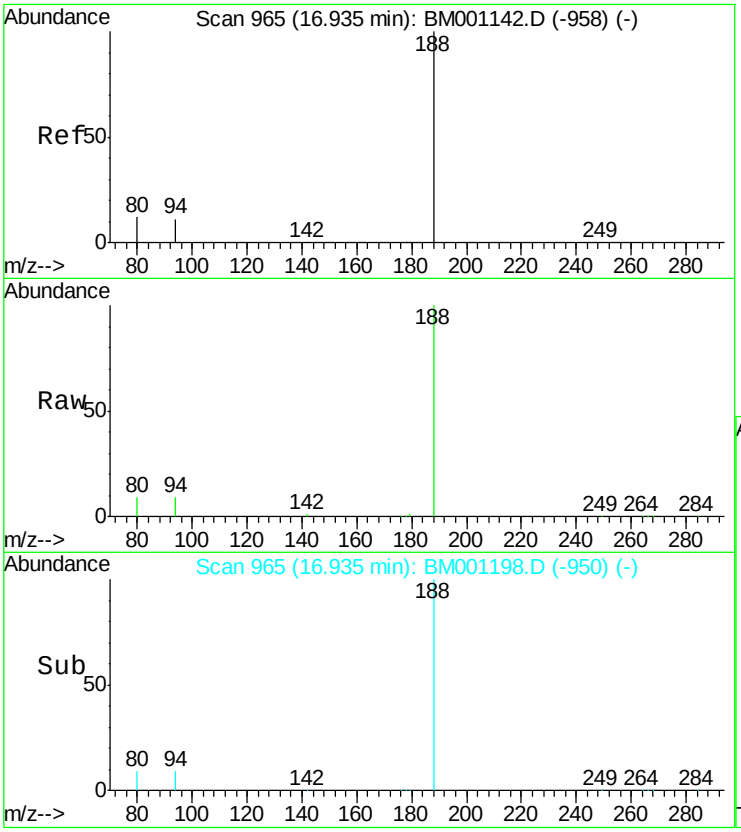


#17
Fluorene
Concen: 0.15 ng
RT: 15.24 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Tgt Ion:166 Resp: 1984

Ion	Ratio	Lower	Upper
166	100		
165	111.9	81.0	121.6
167	44.2	10.4	15.6#



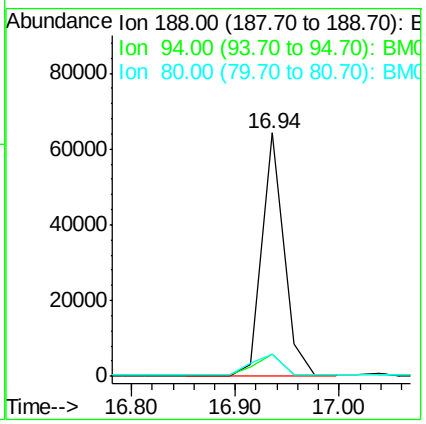


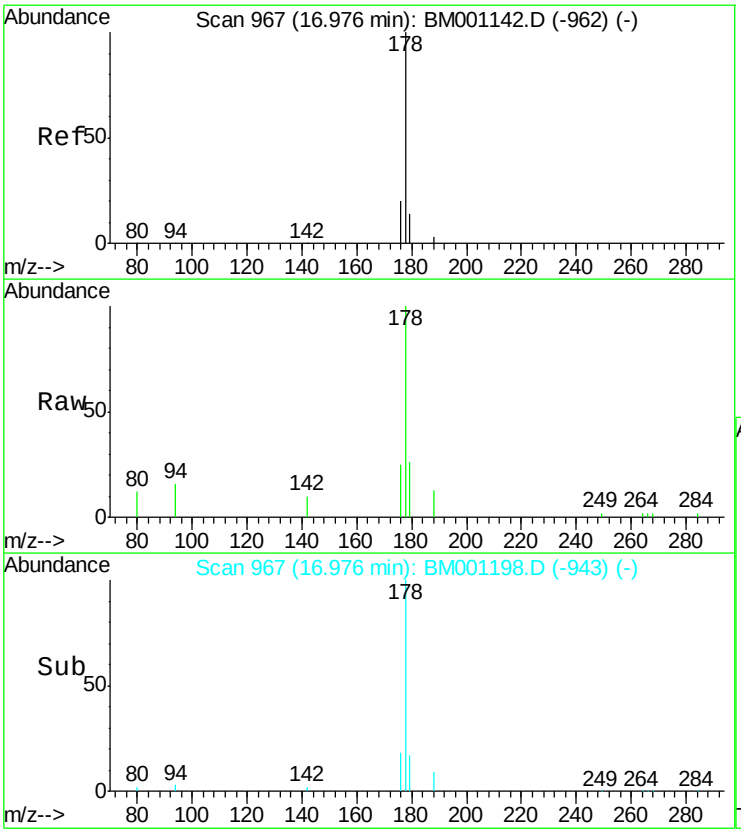
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MW-101

Tgt Ion:188 Resp: 93187

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.3	13.9
80	9.2	9.8	14.6#

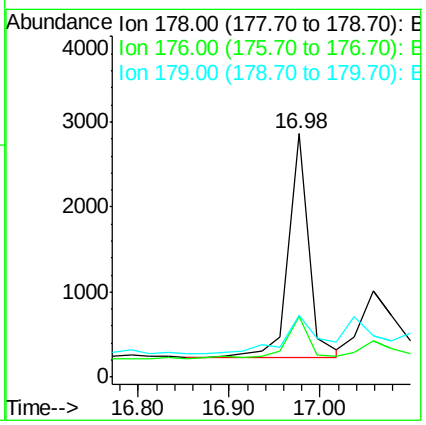


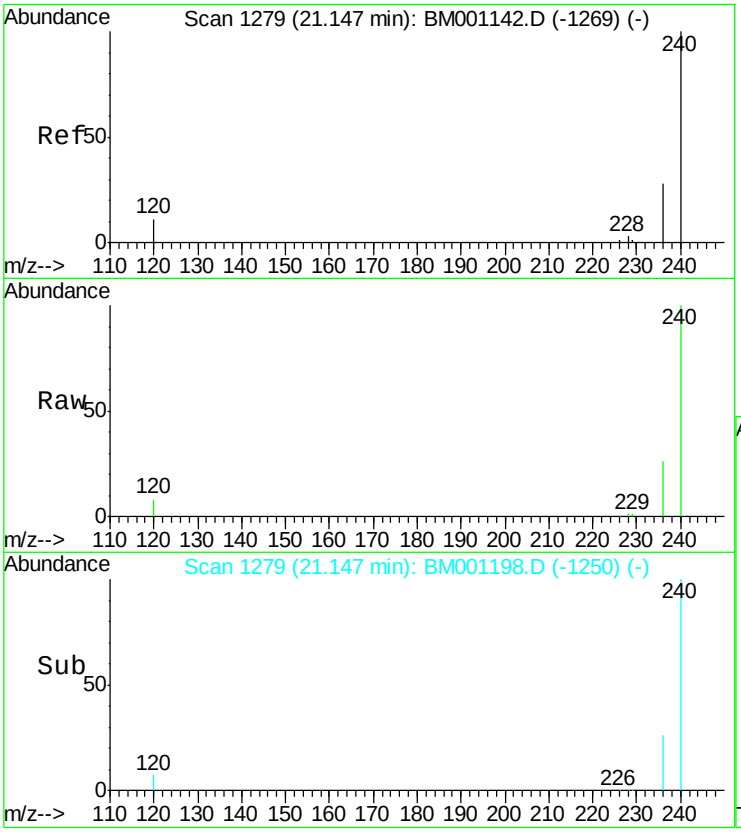


#21
Phenanthrene
Concen: 0.17 ng
RT: 16.98 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Tgt Ion:178 Resp: 4131

Ion	Ratio	Lower	Upper
178	100		
176	25.0	15.5	23.3#
179	31.2	12.0	18.0#



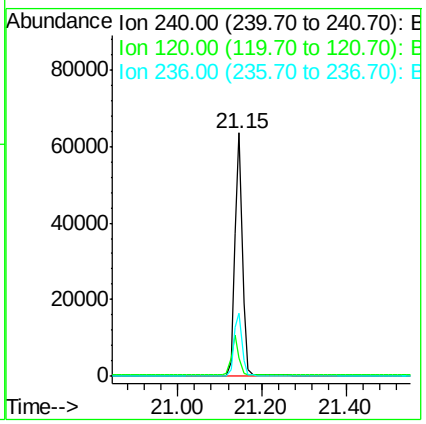


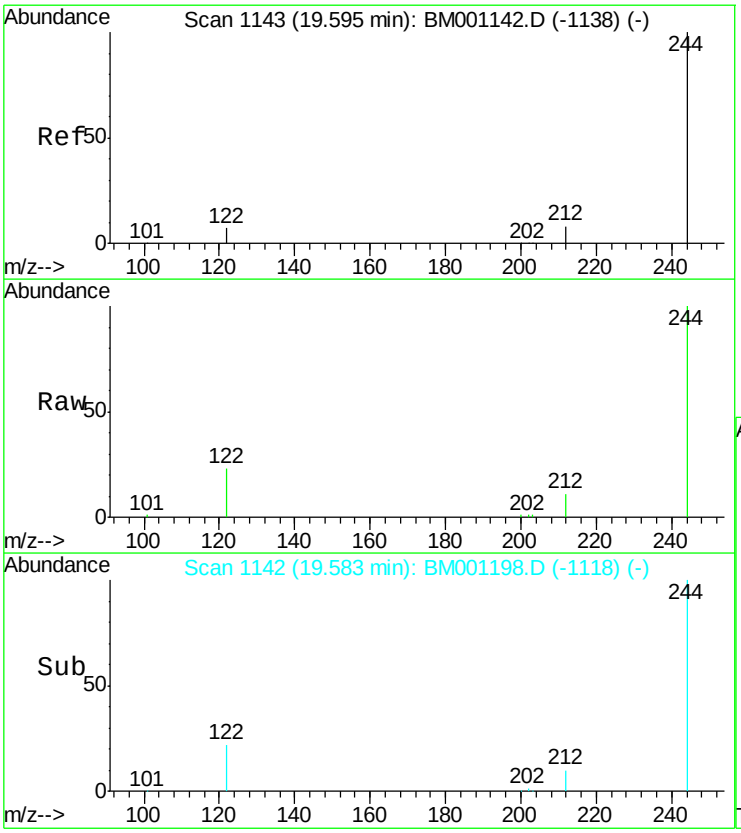
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MW-101

Tgt Ion:240 Resp: 78928

Ion	Ratio	Lower	Upper
240	100		
120	7.5	9.2	13.8#
236	25.7	22.4	33.6

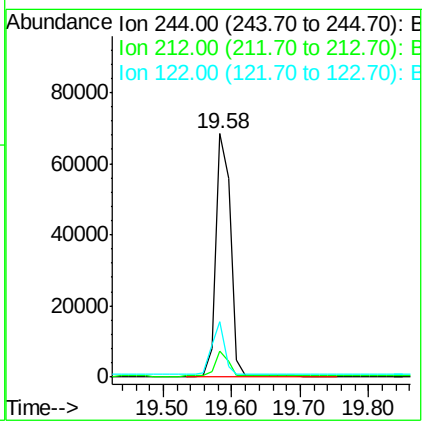


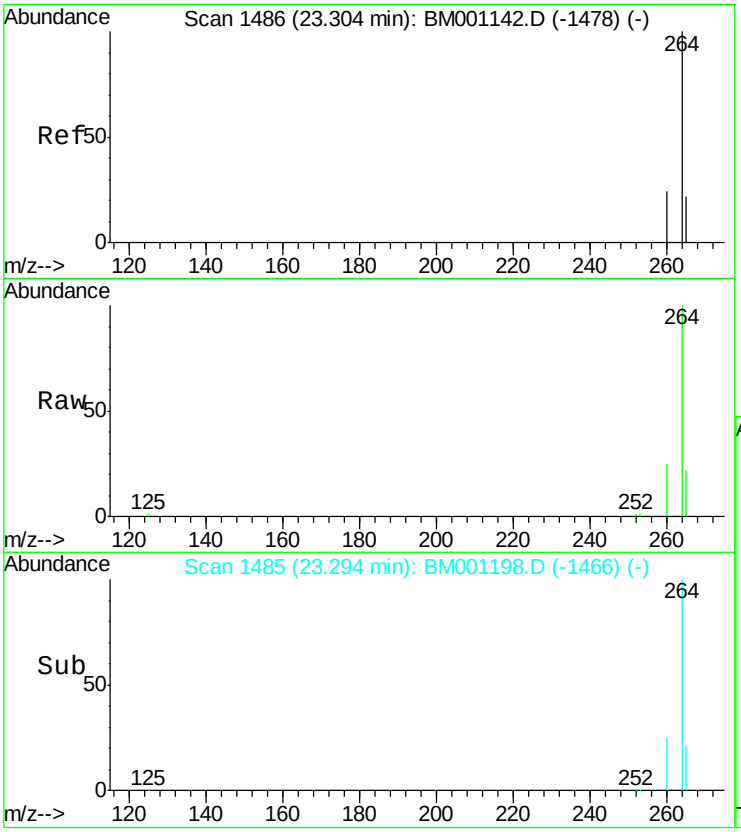


#26
Terphenyl-d14
Concen: 9.15 ng
RT: 19.58 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Tgt Ion:244 Resp: 99572

Ion	Ratio	Lower	Upper
244	100		
212	10.7	7.1	10.7#
122	22.7	6.2	9.4#





#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM001198.D
Acq: 04 May 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MW-101

Tgt Ion:264 Resp: 64594

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.9	28.3
265	22.0	18.1	27.1