Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001178.D
Acq On : 02 May 2015 21:48
Operator : TP/IZ
Sample : G2058-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-54

Quant Time: May 04 17:50:38 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 16:48:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	16934	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	63372	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	33906	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	84262	5.00	ng		0.00
24) Chrysene-d12	21.15	240	62431	5.00	ng		0.00
30) Perylene-d12	23.29	264	47673	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.11	112	194155	58.95	ng		-0.01
5) Phenol-d6	6.71	99	162853	40.13	ng		0.00
7) Nitrobenzene-d5	8.69	82	357018	99.46	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	234884	139.17	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	933750	83.27	ng		0.00
26) Terphenyl-d14	19.59	244	713923	82.94	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.36	128	1361	0.10	ng	#	86
16) Acenaphthene	14.24	154	691	0.07	ng		92
22) Anthracene	17.06	178	3076	0.17	ng	#	83
23) Fluoranthene	19.01	202	1149	0.05	ng	#	66
25) Pyrene	19.38	202	1195	0.06	ng	#	90

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

Quantitation Report (QT Reviewed)

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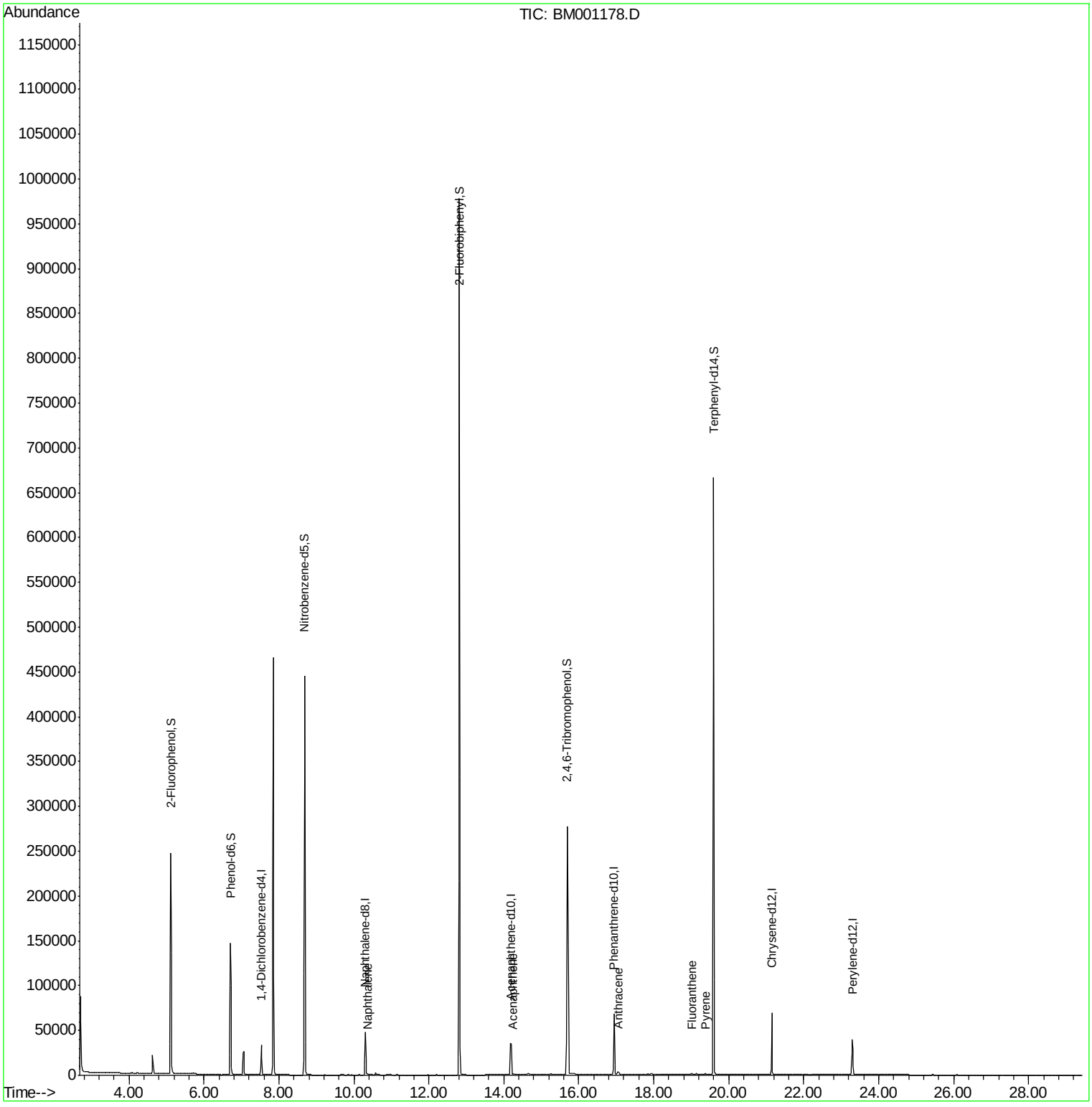
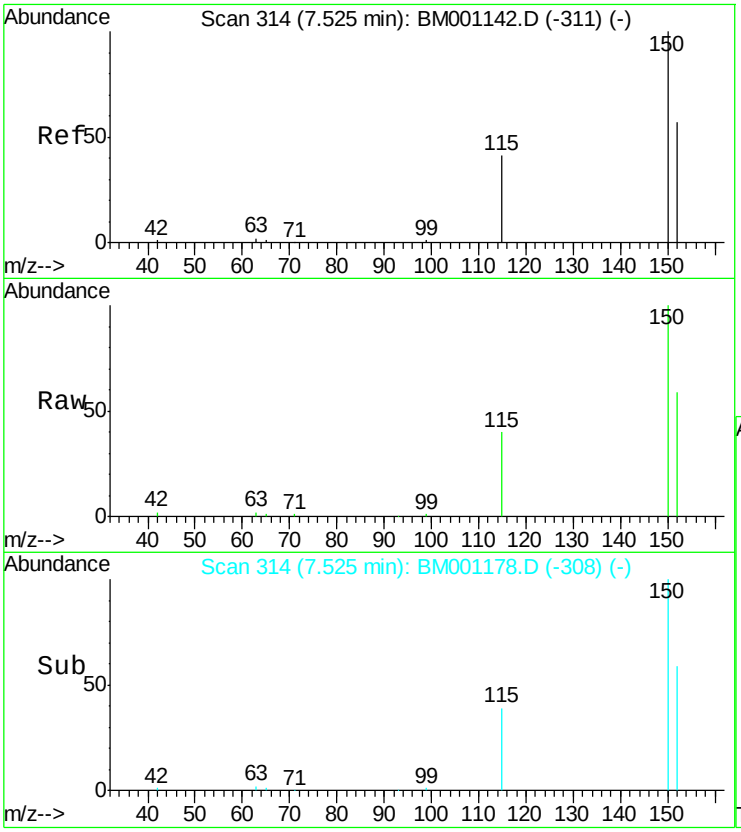


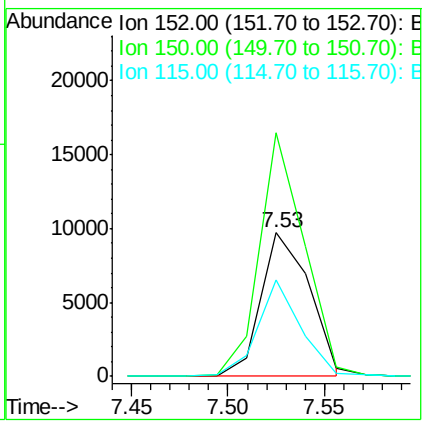


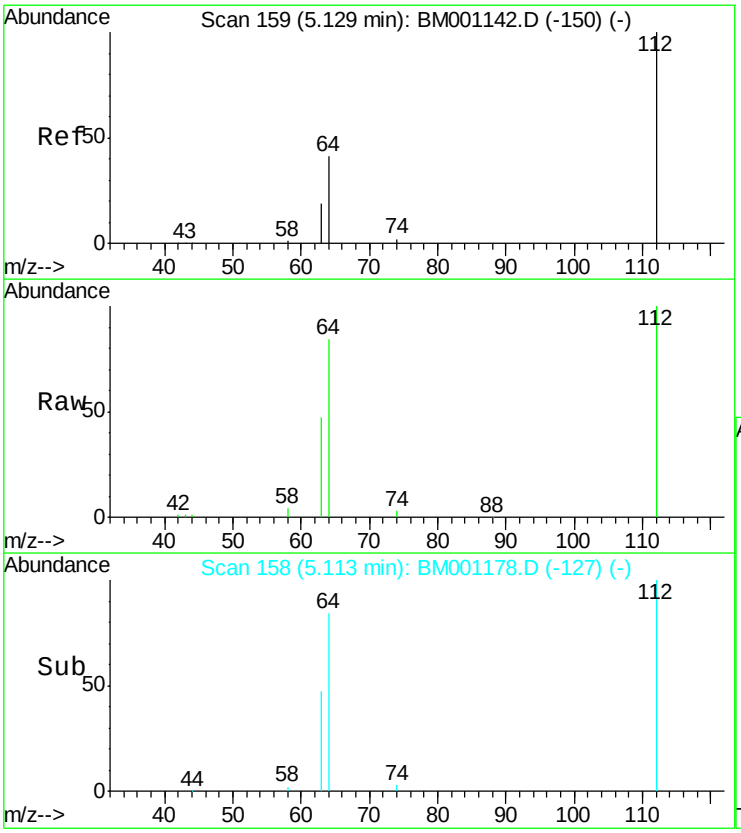
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Instrument :
BNA_M
ClientSampleId :
MW-54

Tgt Ion:152 Resp: 16934

Ion	Ratio	Lower	Upper
152	100		
150	169.6	140.1	210.1
115	67.1	57.8	86.6

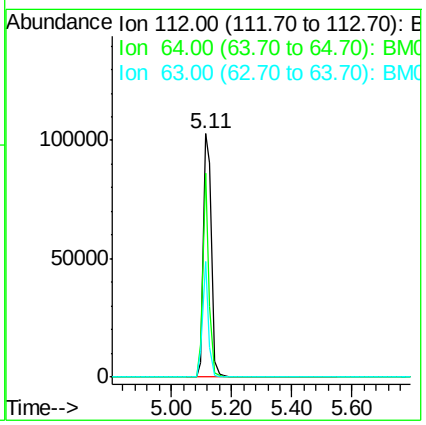


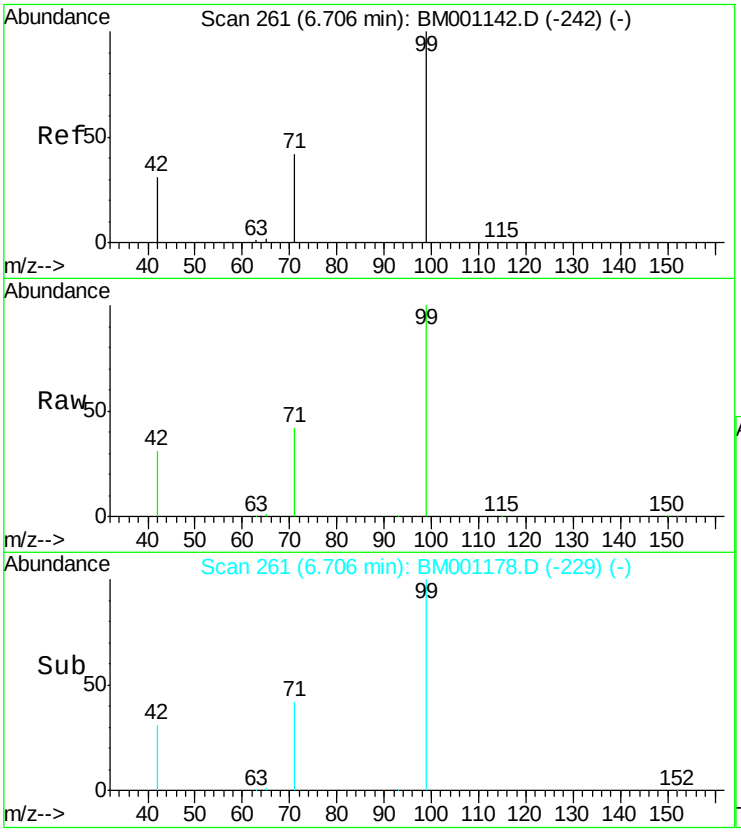


#4
2-Fluorophenol
Concen: 58.95 ng
RT: 5.11 min Scan# 158
Delta R.T. -0.01 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:112 Resp: 194155

Ion	Ratio	Lower	Upper
112	100		
64	63.8	52.6	79.0
63	35.4	29.5	44.3



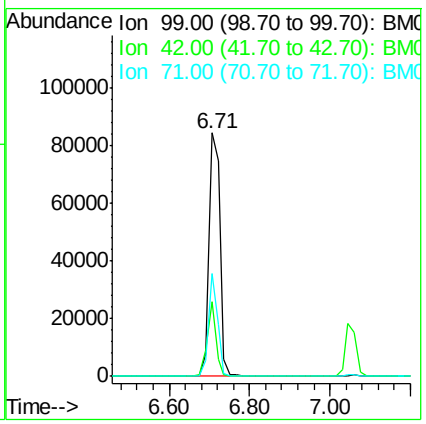


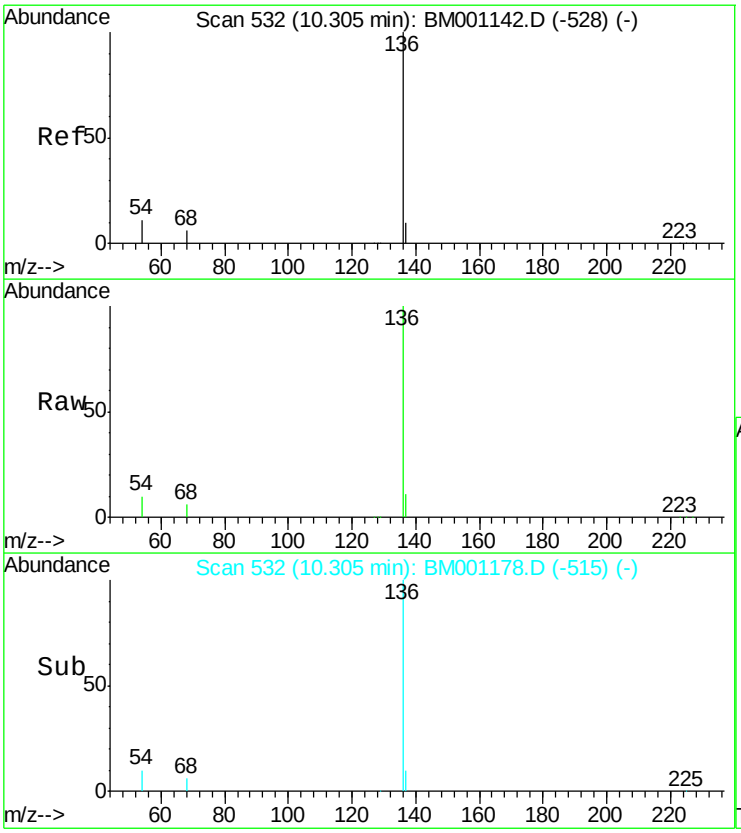
#5
Phenol-d6
Concen: 40.13 ng
RT: 6.71 min Scan# 261
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Instrument :
BNA_M
ClientSampleId :
MW-54

Tgt Ion: 99 Resp: 162853

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.9	31.3
71	34.8	28.5	42.7

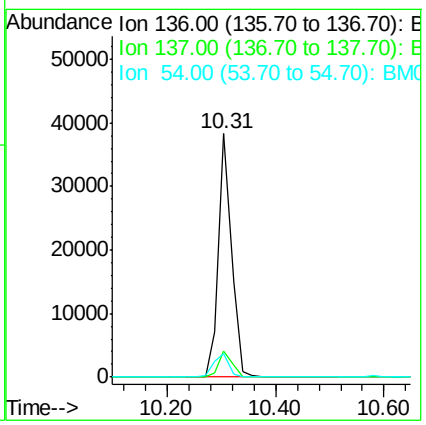


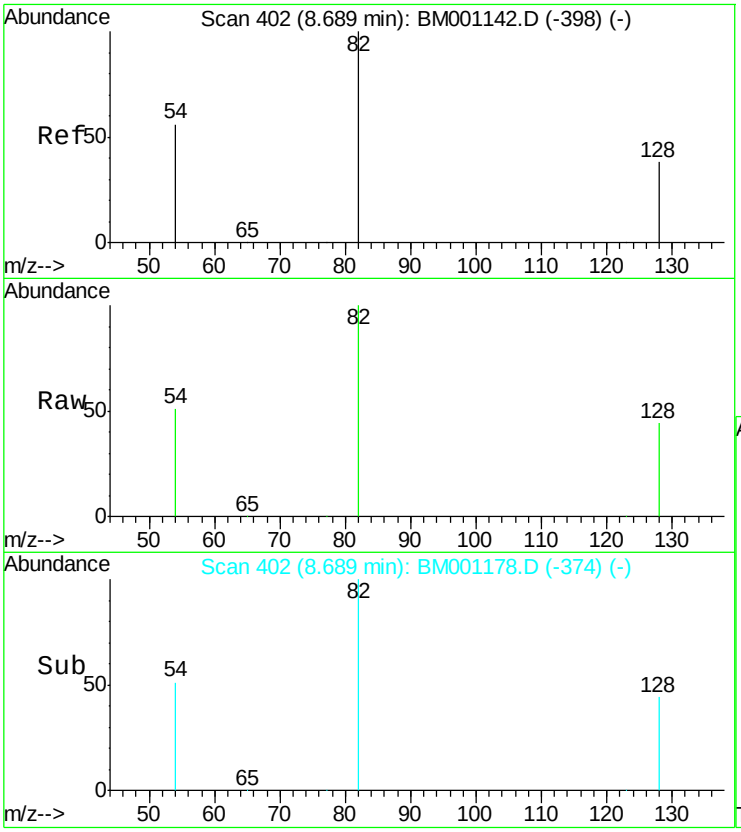


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:136 Resp: 63372

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	9.8	9.0	13.4



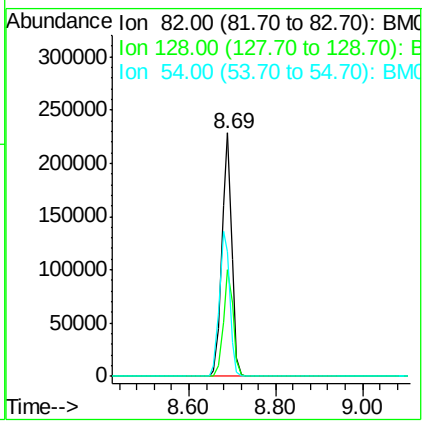


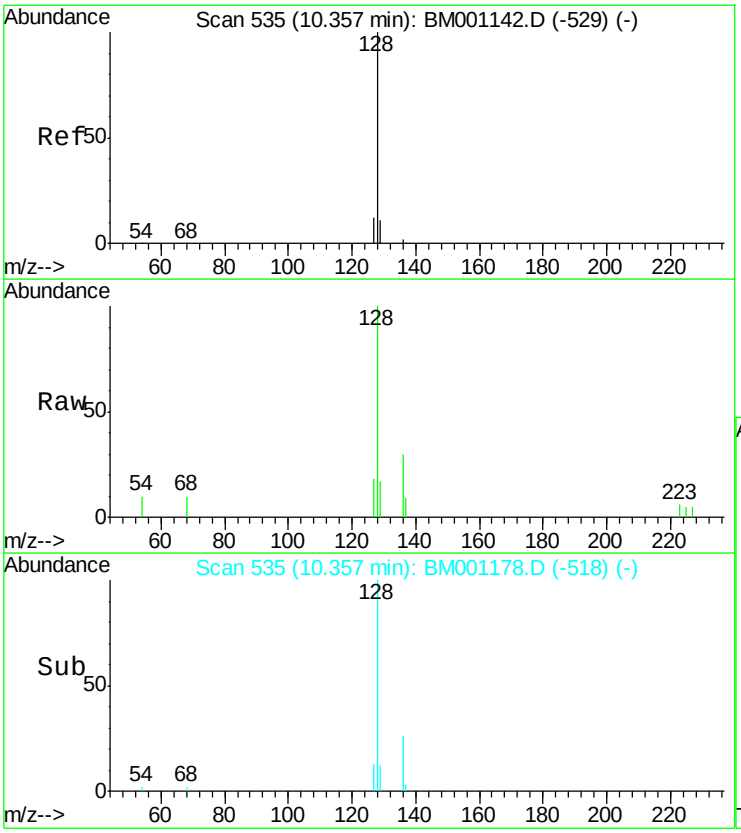
#7
Nitrobenzene-d5
Concen: 99.46 ng
RT: 8.69 min Scan# 402
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Instrument :
BNA_M
ClientSampleId :
MW-54

Tgt Ion: 82 Resp: 357018

Ion	Ratio	Lower	Upper
82	100		
128	43.5	31.9	47.9
54	51.0	46.2	69.2

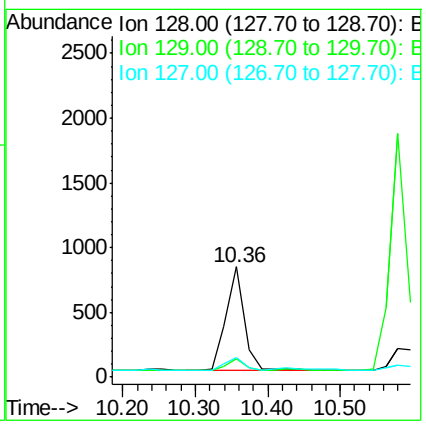


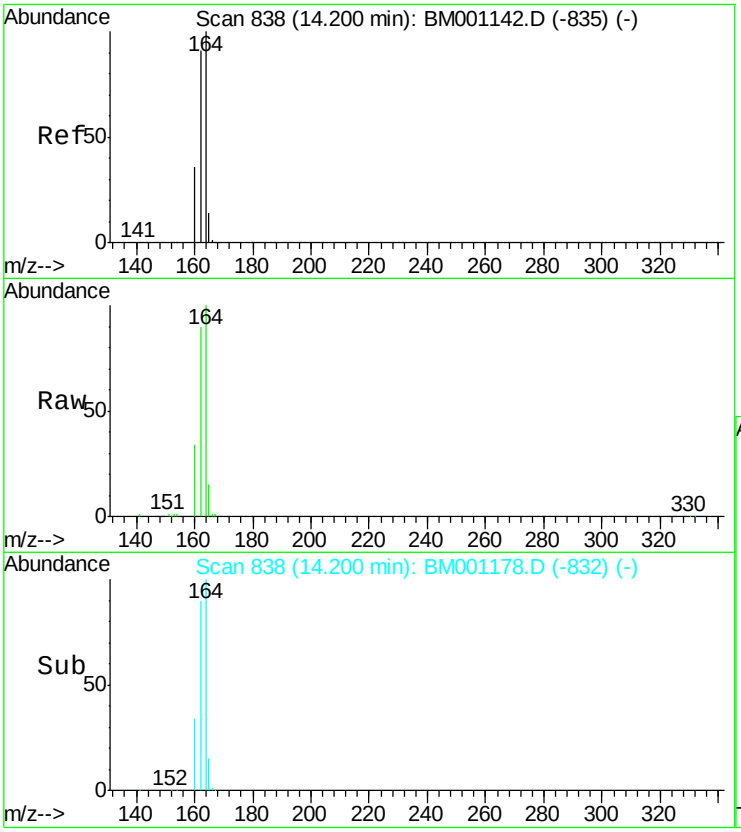


#9
Naphthalene
Concen: 0.10 ng
RT: 10.36 min Scan# 535
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:128 Resp: 1361

Ion	Ratio	Lower	Upper
128	100		
129	16.8	9.0	13.6#
127	18.0	10.0	15.0#



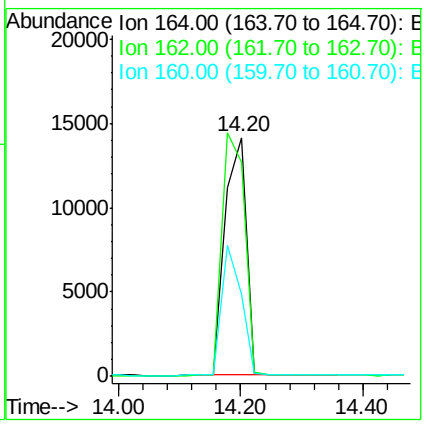


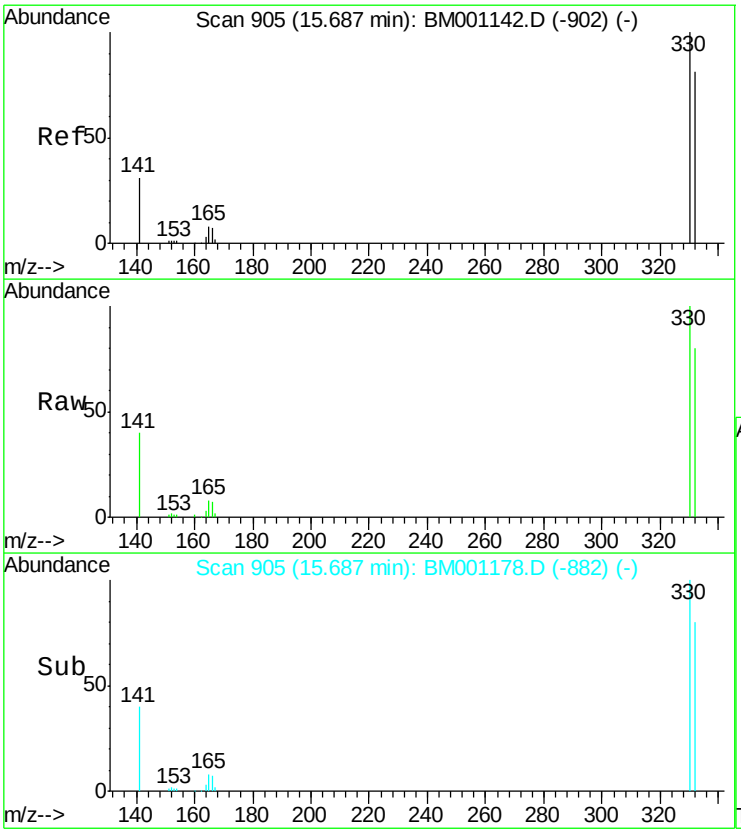
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Instrument :
BNA_M
ClientSampleId :
MW-54

Tgt Ion:164 Resp: 33906

Ion	Ratio	Lower	Upper
164	100		
162	89.7	72.7	109.1
160	34.4	28.7	43.1

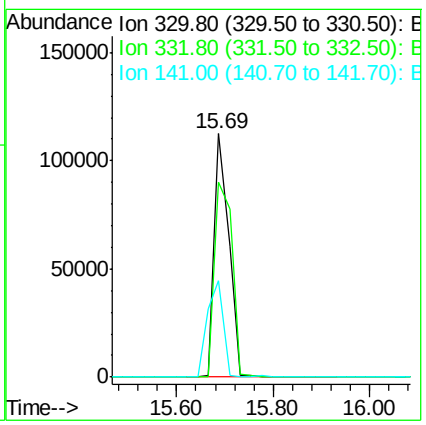


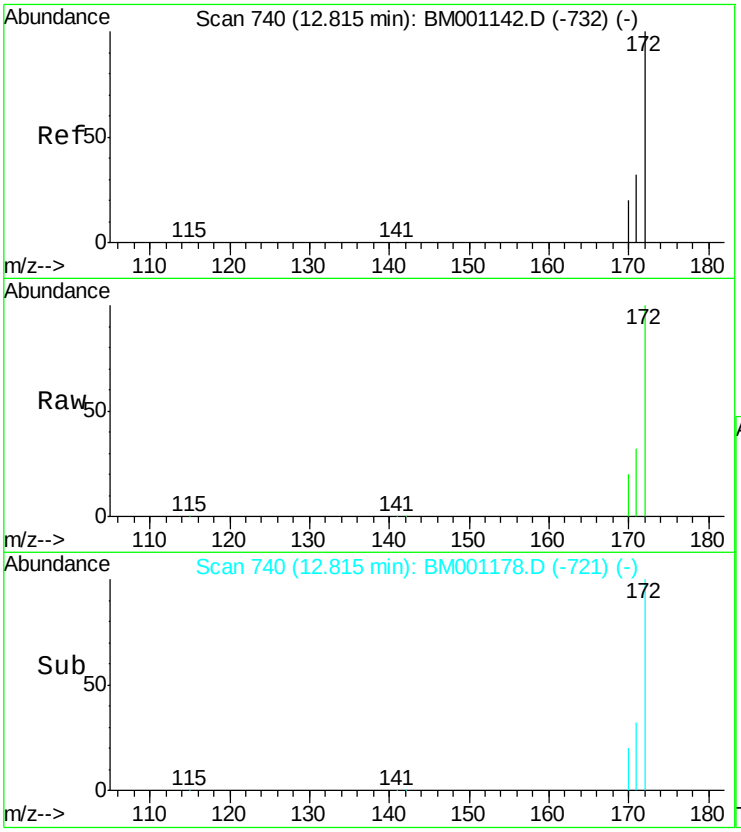


#13
2,4,6-Tribromophenol
Concen: 139.17 ng
RT: 15.69 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:330 Resp: 234884

Ion	Ratio	Lower	Upper
330	100		
332	96.5	74.5	111.7
141	43.8	21.0	31.4#



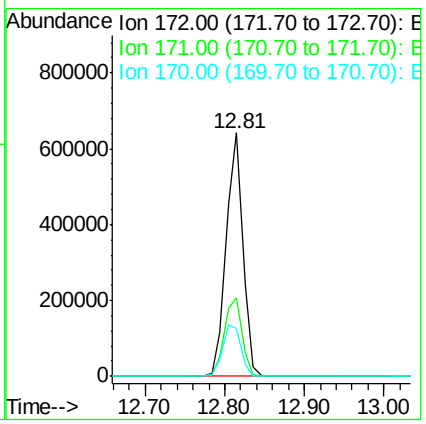


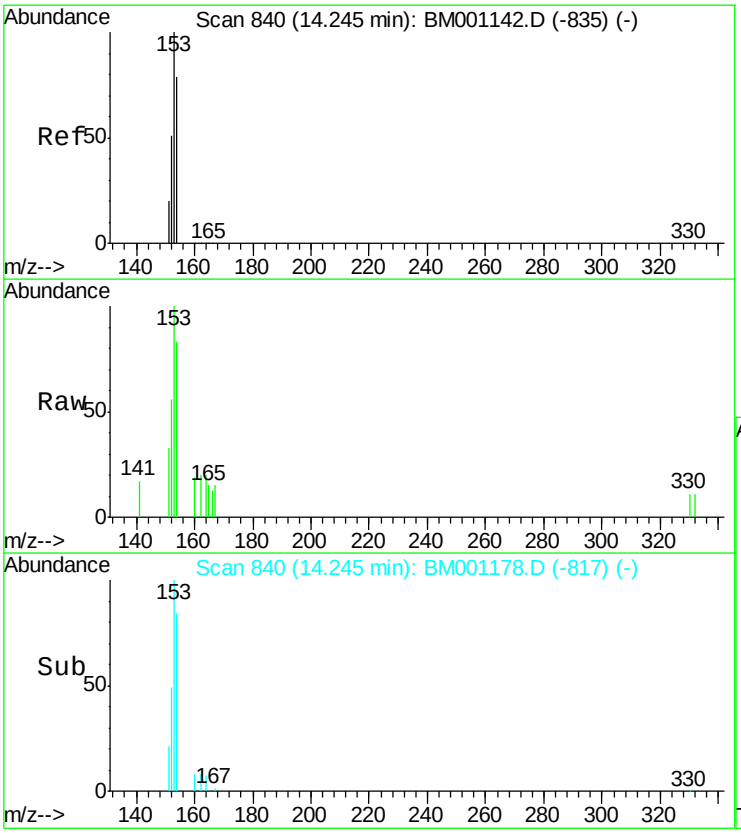
#14
2-Fluorobiphenyl
Concen: 83.27 ng
RT: 12.81 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Instrument :
BNA_M
ClientSampleId :
MW-54

Tgt Ion:172 Resp: 933750

Ion	Ratio	Lower	Upper
172	100		
171	32.3	25.8	38.6
170	19.7	16.1	24.1

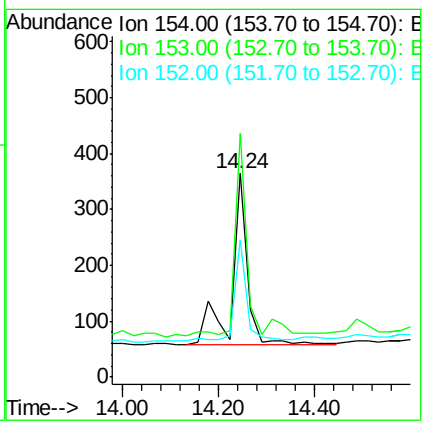


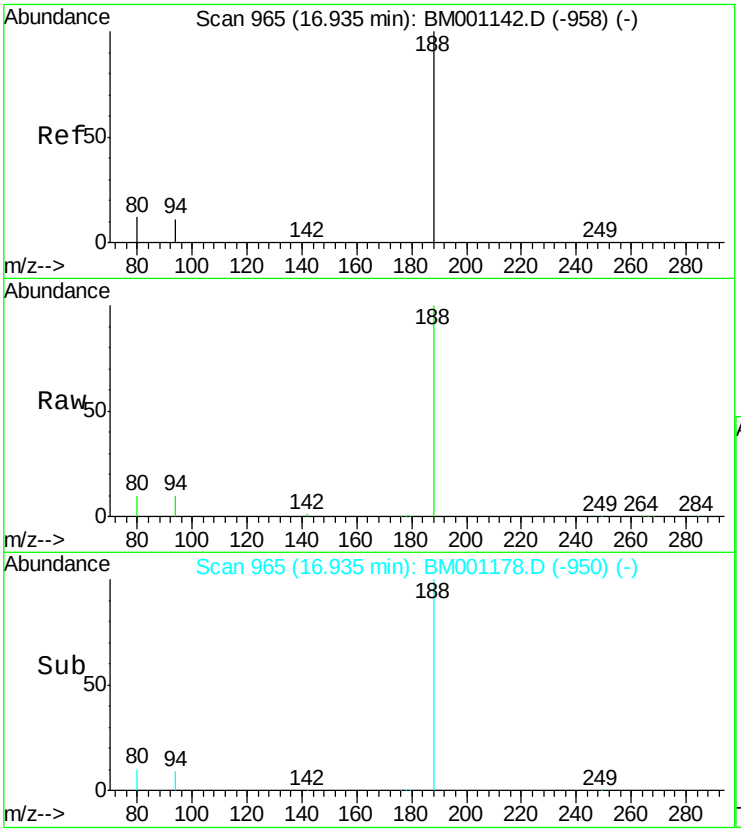


#16
Acenaphthene
Concen: 0.07 ng
RT: 14.24 min Scan# 840
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:154 Resp: 691

Ion	Ratio	Lower	Upper
154	100		
153	102.5	90.6	136.0
152	53.4	45.0	67.4



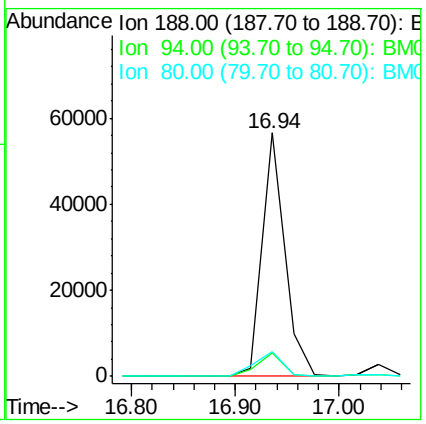


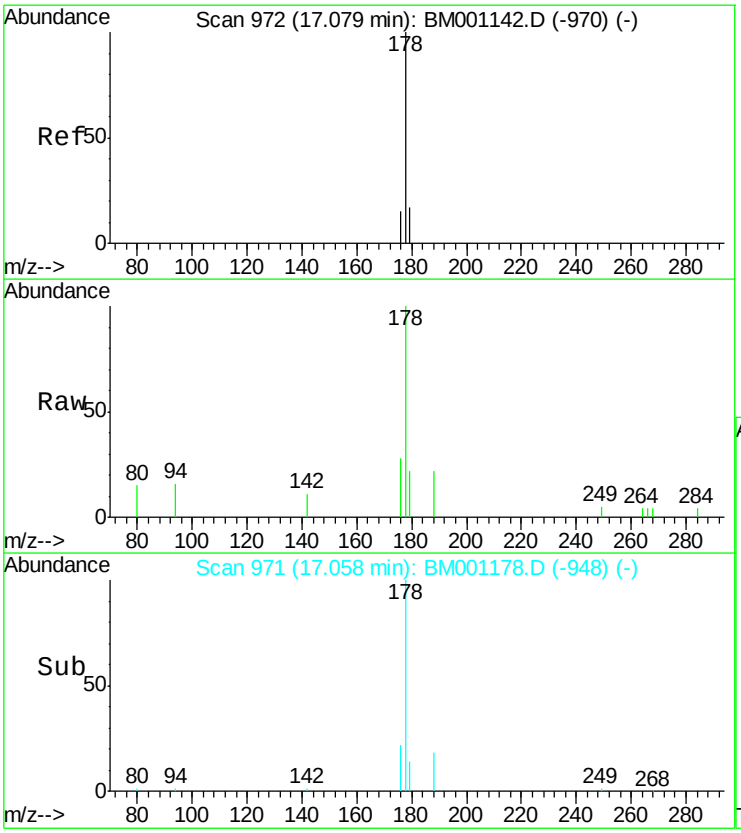
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Instrument :
BNA_M
ClientSampleId :
MW-54

Tgt Ion:188 Resp: 84262

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.3	13.9
80	10.2	9.8	14.6

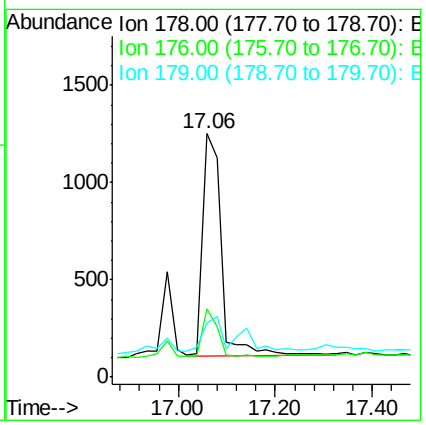


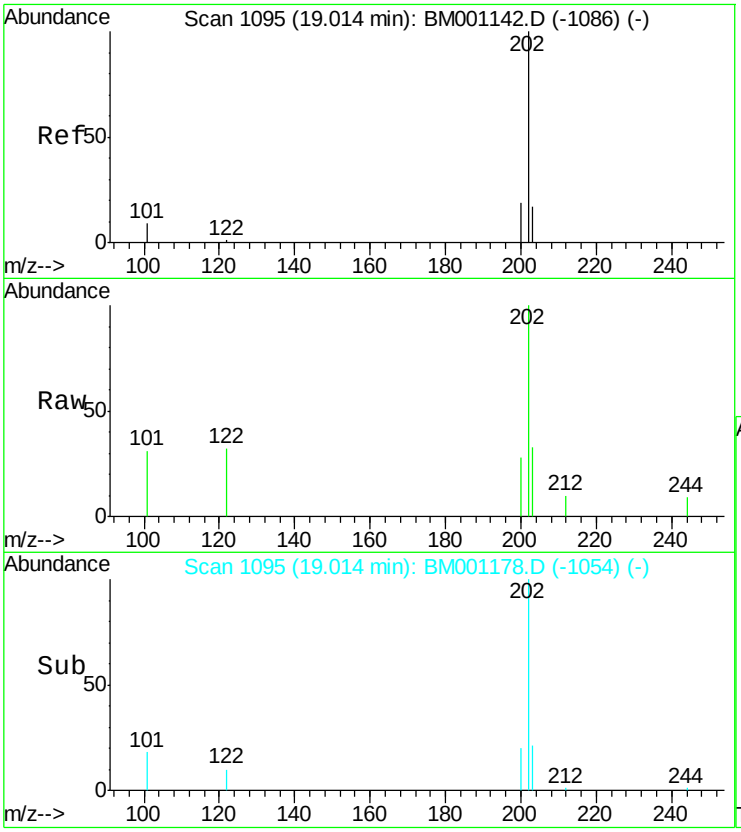


#22
Anthracene
Concen: 0.17 ng
RT: 17.06 min Scan# 971
Delta R.T. -0.02 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:178 Resp: 3076

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.3	21.5
179	0.0	12.2	18.2#



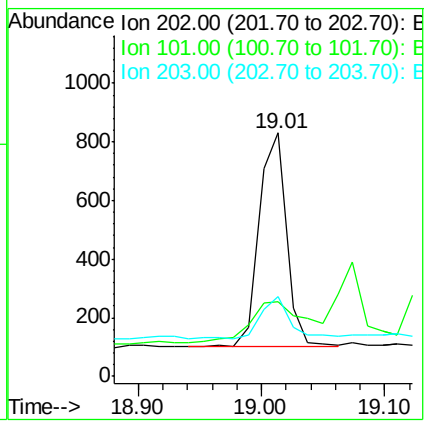


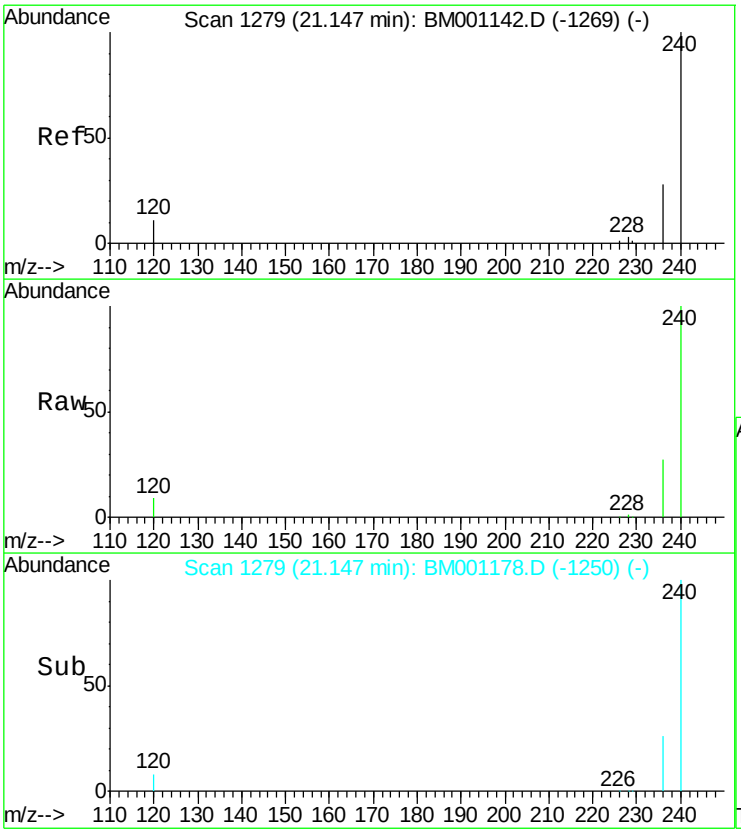
#23
Fluoranthene
Concen: 0.05 ng
RT: 19.01 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Instrument :
BNA_M
ClientSampleId :
MW-54

Tgt Ion:202 Resp: 1149

Ion	Ratio	Lower	Upper
202	100		
101	39.6	9.3	13.9#
203	20.4	13.7	20.5

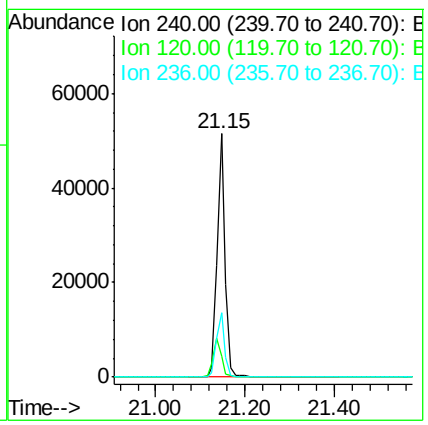


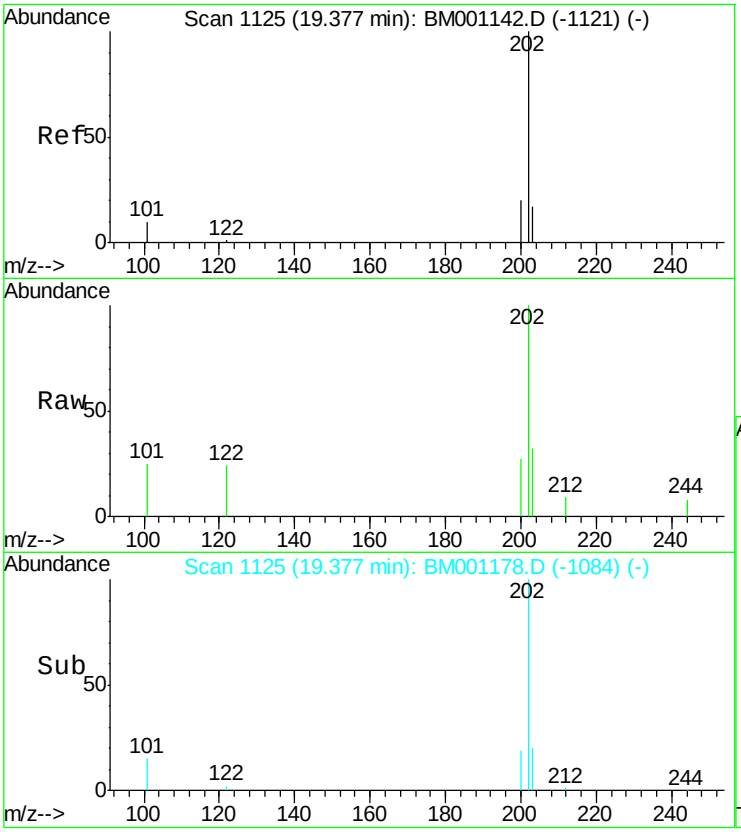


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:240 Resp: 62431

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.2	13.8#
236	26.6	22.4	33.6



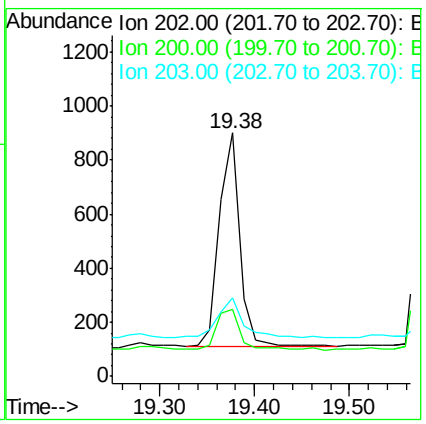


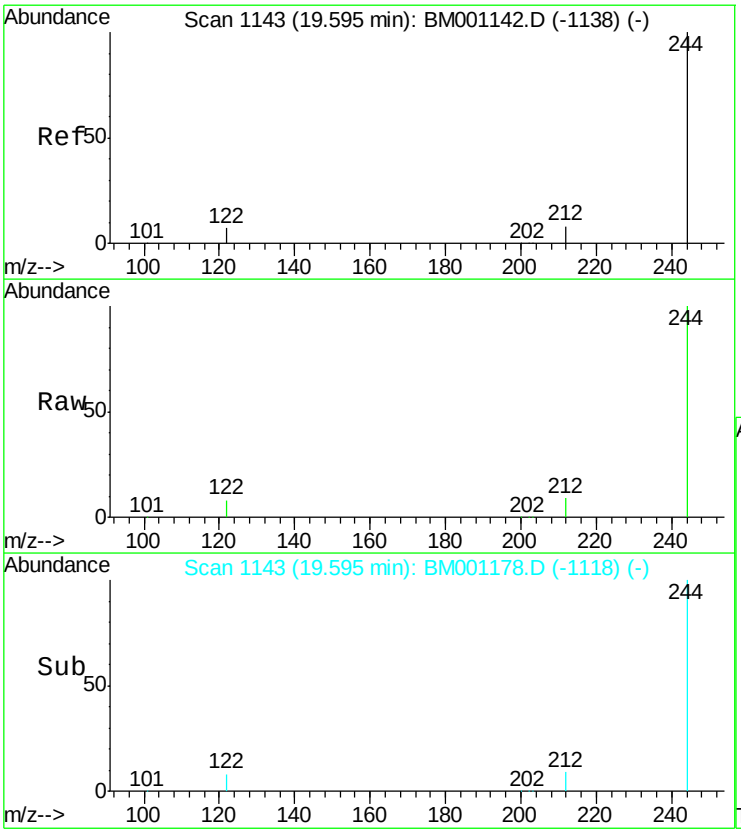
#25
Pyrene
Concen: 0.06 ng
RT: 19.38 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Instrument :
BNA_M
ClientSampleId :
MW-54

Tgt Ion:202 Resp: 1195

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.4	24.6
203	24.7	13.8	20.6#

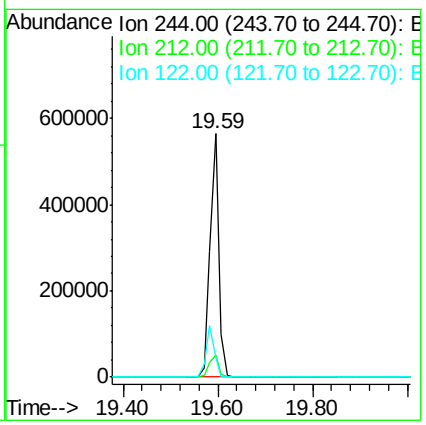


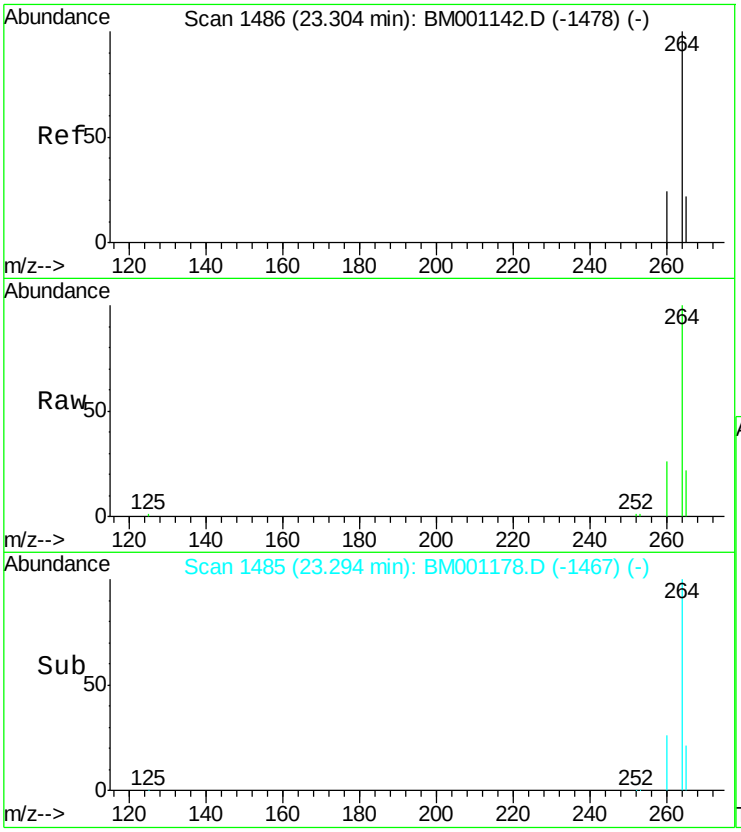


#26
Terphenyl-d14
Concen: 82.94 ng
RT: 19.59 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:244 Resp: 713923

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.1	10.7
122	8.3	6.2	9.4





#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Instrument :
BNA_M
ClientSampleId :
MW-54

Tgt Ion:264 Resp: 47673

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.9	28.3
265	21.7	18.1	27.1