Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
Data File : BM001204.D
Acq On : 05 May 2015 03:24
Operator : TP/IZ
Sample : G2104-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-106

Manual Integrations APPROVED
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5/5/2015 12:09:44 PM

Quant Time: May 05 05:04:51 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	7.52	152	16708	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	70448	5.00	ng		0.00
12) Acenaphthene-d10	14.18	164	39621	5.00	ng		-0.02
18) Phenanthrene-d10	16.94	188	97253	5.00	ng		0.00
24) Chrysene-d12	21.15	240	69533	5.00	ng		0.00
30) Perylene-d12	23.29	264	49713	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.11	112	16640	5.12	ng		-0.01
5) Phenol-d6	6.72	99	16105	4.02	ng		0.02
7) Nitrobenzene-d5	8.68	82	34066	8.54	ng		-0.01
13) 2,4,6-Tribromophenol	15.69	330	31812	16.27	ng		0.00
14) 2-Fluorobiphenyl	12.80	172	111226	8.49	ng		-0.01
26) Terphenyl-d14	19.58	244	105267	10.98	ng		-0.01
Target Compounds							Qvalue
16) Acenaphthene	14.24	154	71207	5.95	ng		94
17) Fluorene	15.24	166	69761	5.03	ng		98
21) Phenanthrene	16.98	178	210387	8.40	ng		98
22) Anthracene	17.06	178	27444m	1.33	ng		
23) Fluoranthene	19.00	202	53026	2.09	ng		100
25) Pyrene	19.36	202	32464m	1.49	ng		
27) Benzo(a)anthracene	21.13	228	1748	0.09	ng	#	83
28) Chrysene	21.18	228	1280	0.07	ng	#	74

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

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Instrument :
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ClientSampleId :
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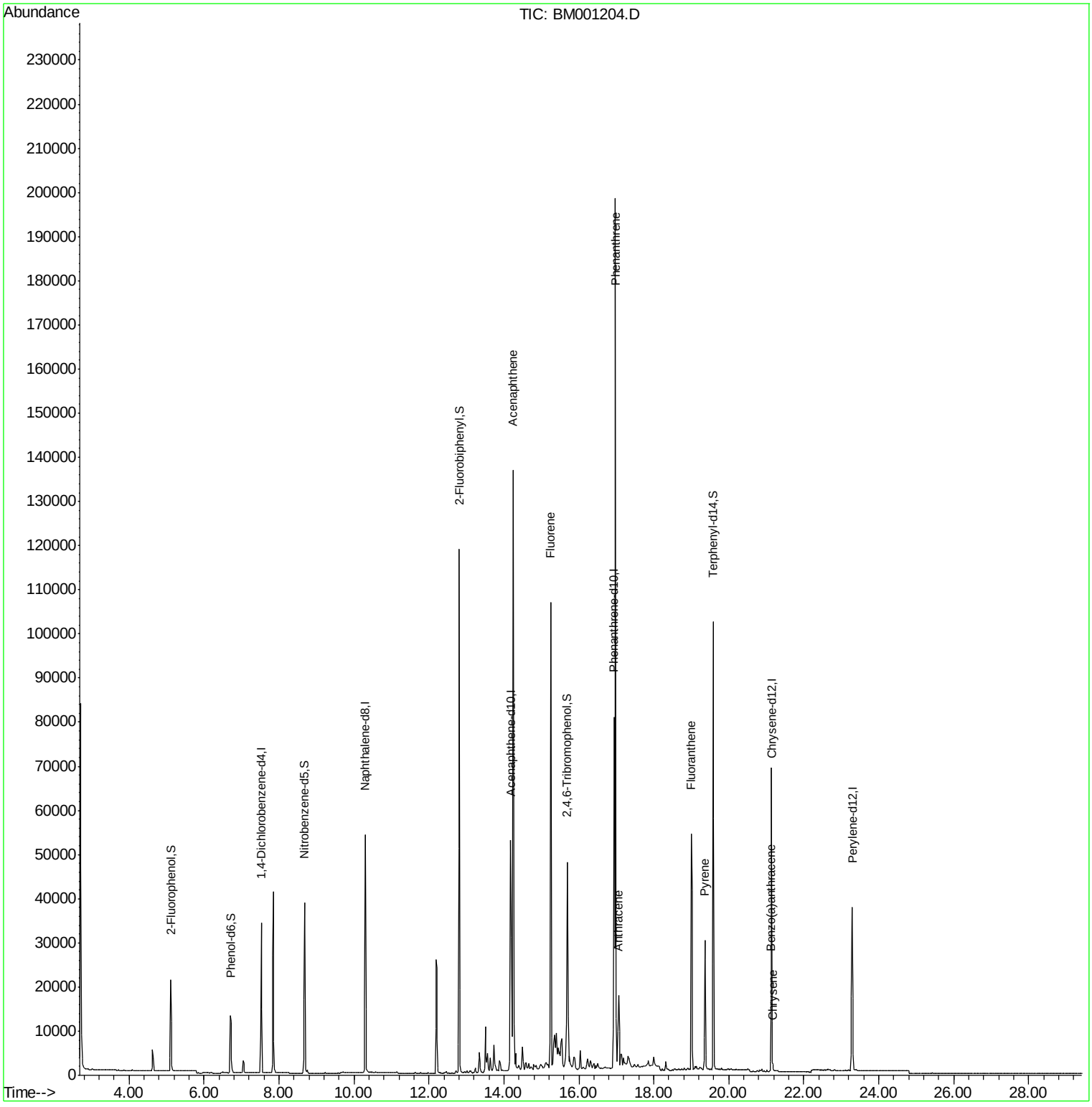
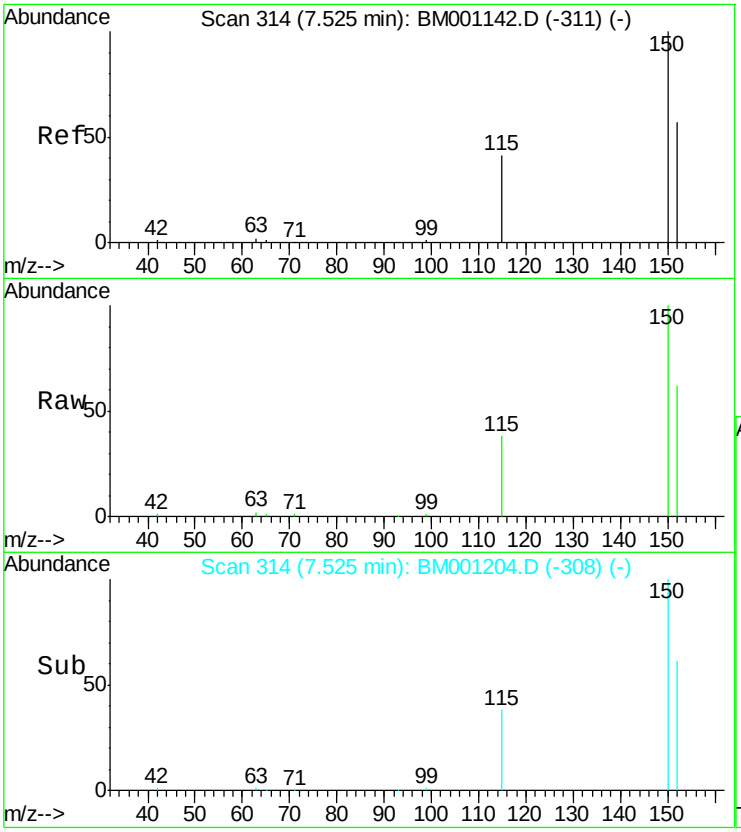
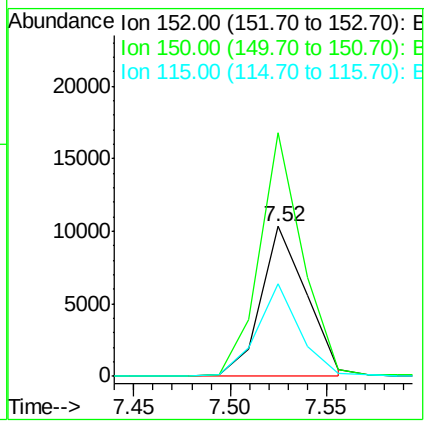




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.52 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:152 Resp: 16708

Ion	Ratio	Lower	Upper
152	100		
150	162.4	140.1	210.1
115	62.2	57.8	86.6



Instrument :
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ClientSampleId :
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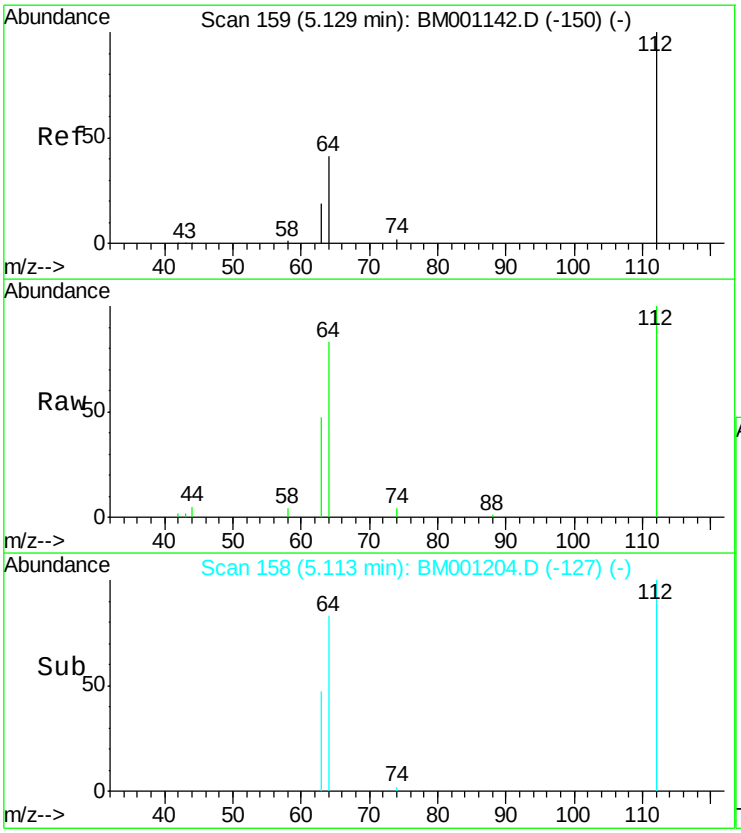
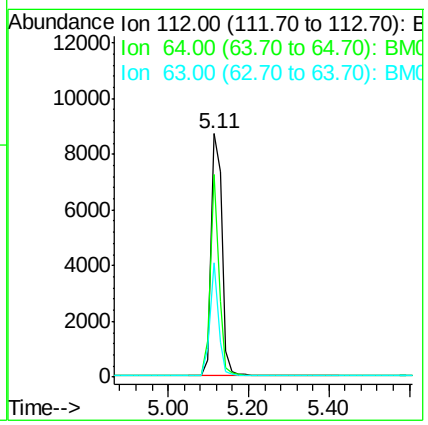
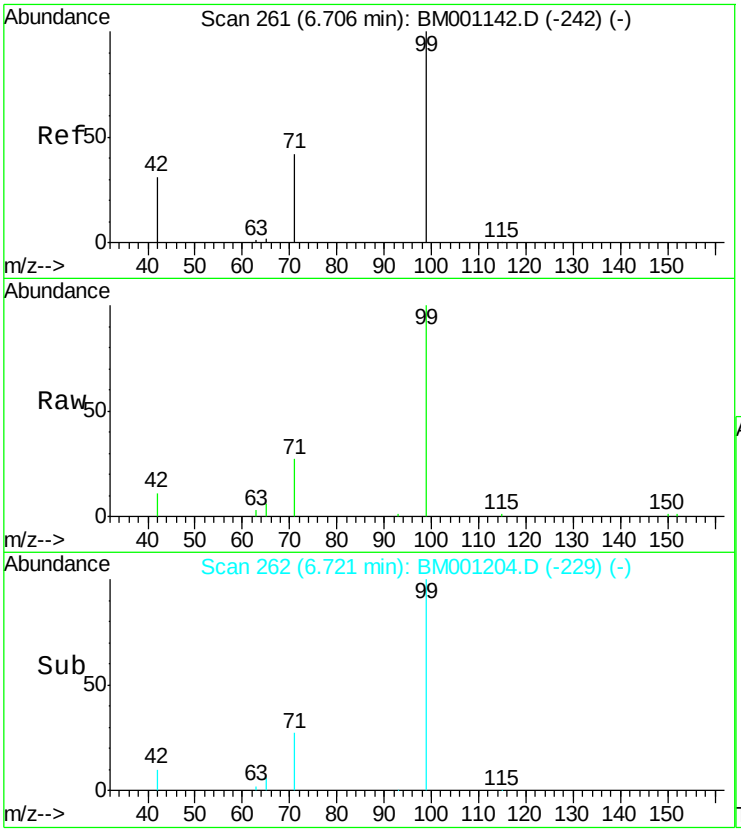


#4
2-Fluorophenol
Concen: 5.12 ng
RT: 5.11 min Scan# 158
Delta R.T. -0.01 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:112 Resp: 16640

Ion	Ratio	Lower	Upper
112	100		
64	65.7	52.6	79.0
63	36.1	29.5	44.3

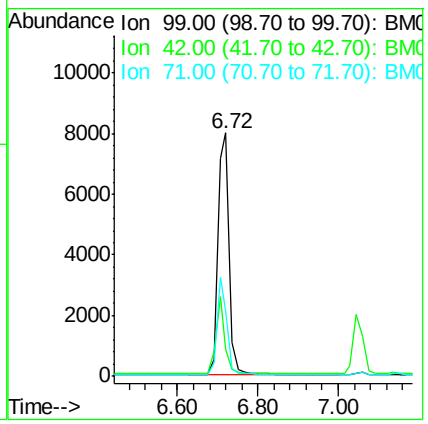




#5
Phenol-d6
Concen: 4.02 ng
RT: 6.72 min Scan# 262
Delta R.T. 0.02 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion: 99 Resp: 16105

Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.9	31.3
71	35.3	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
MW-106

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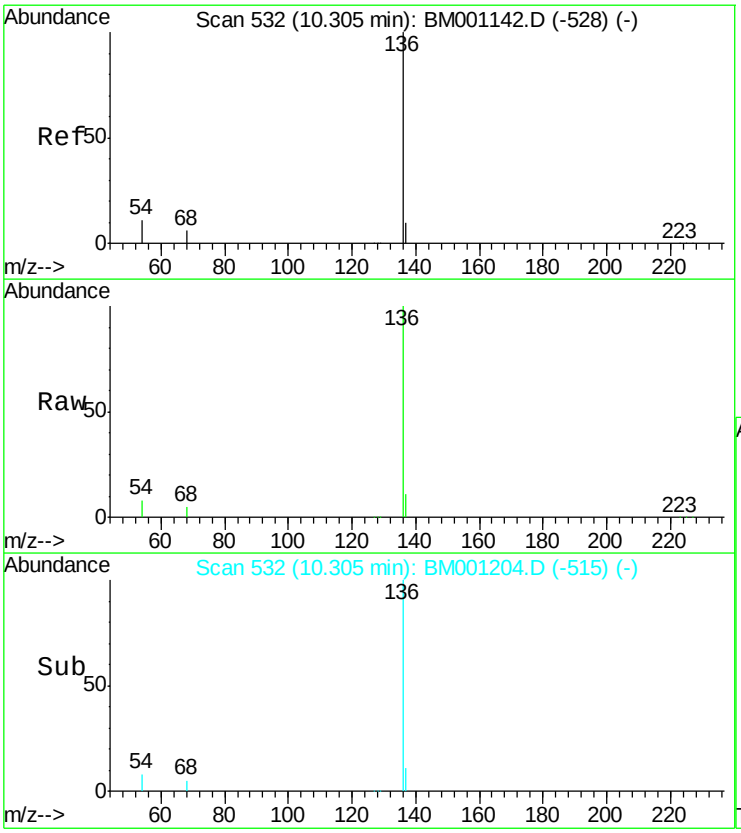
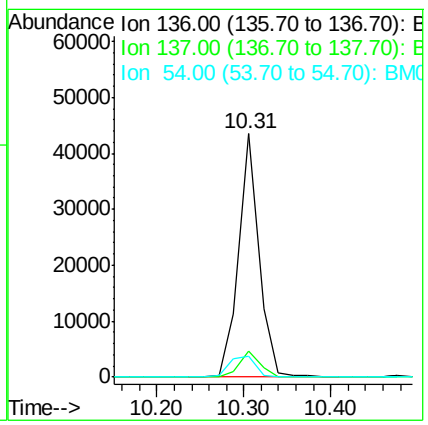
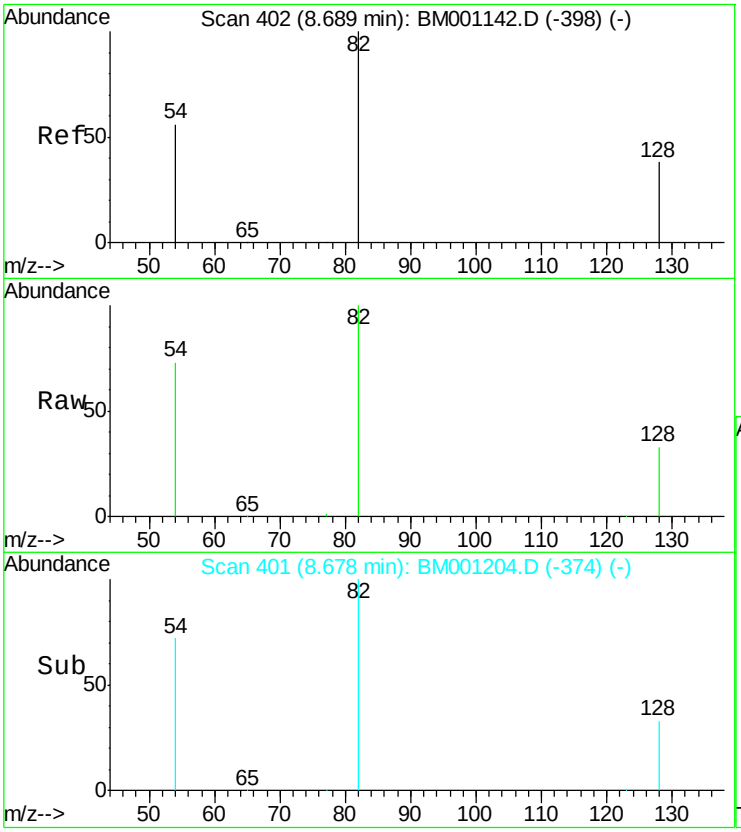


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. -0.00 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:136 Resp: 70448

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	8.3	9.0	13.4#

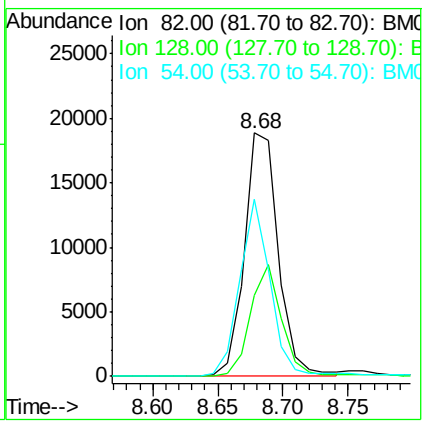




#7
Nitrobenzene-d5
Concen: 8.54 ng
RT: 8.68 min Scan# 401
Delta R.T. -0.01 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion: 82 Resp: 34066

Ion	Ratio	Lower	Upper
82	100		
128	33.4	31.9	47.9
54	72.5	46.2	69.2#



Instrument :
BNA_M
ClientSampleId :
MW-106

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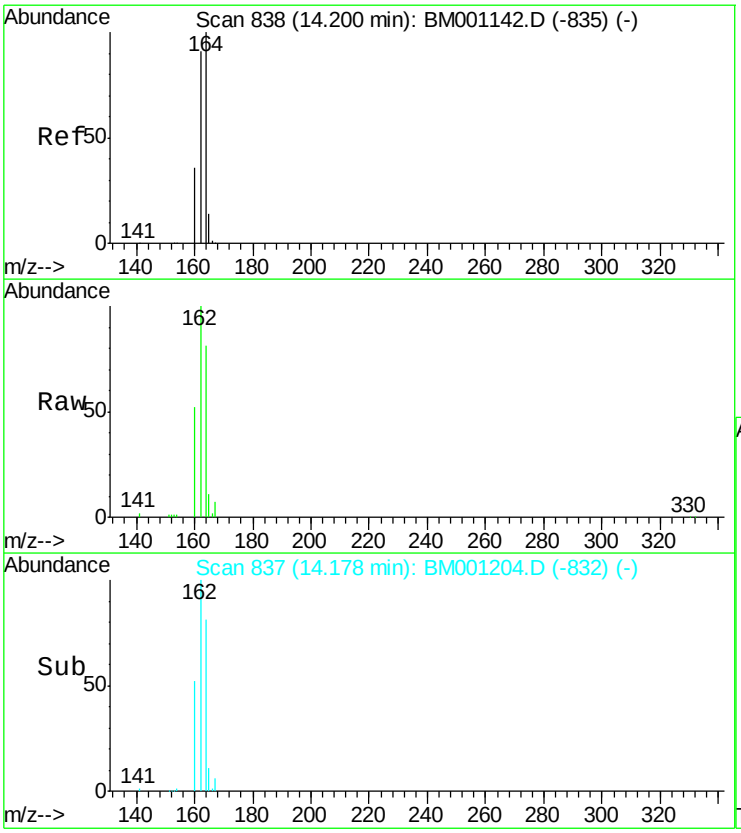
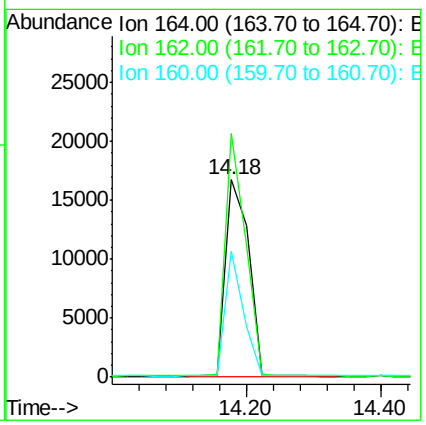
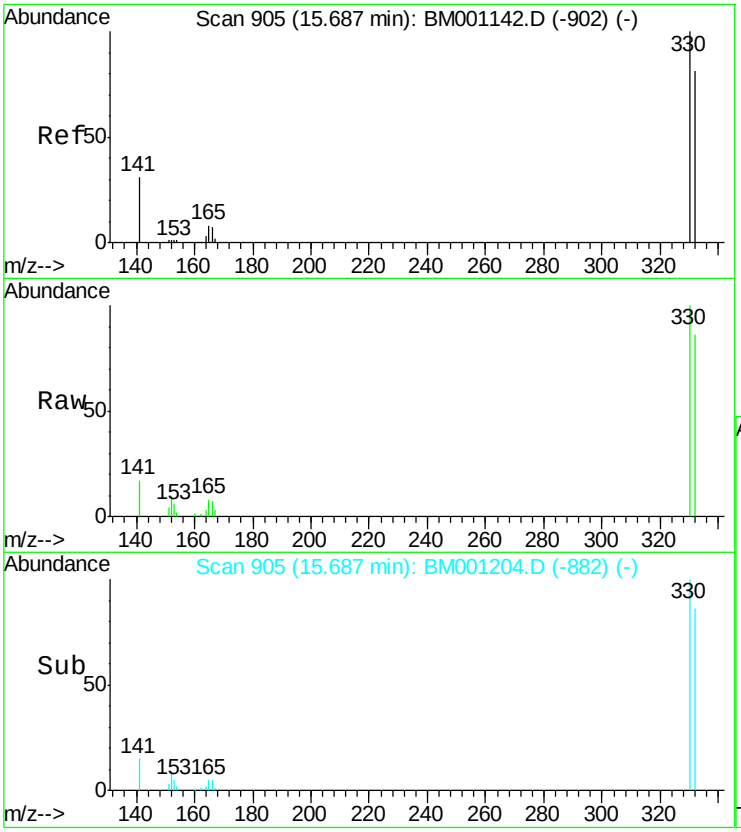


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.18 min Scan# 837
Delta R.T. -0.02 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:164 Resp: 39621

Ion	Ratio	Lower	Upper
164	100		
162	123.5	72.7	109.1#
160	64.2	28.7	43.1#

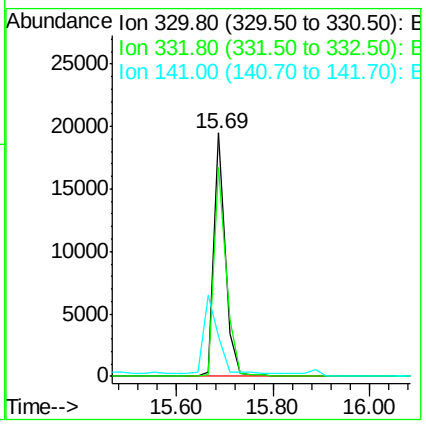




#13
2,4,6-Tribromophenol
Concen: 16.27 ng
RT: 15.69 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:330 Resp: 31812

Ion	Ratio	Lower	Upper
330	100		
332	92.7	74.5	111.7
141	0.0	21.0	31.4#



Instrument :
BNA_M
ClientSampleId :
MW-106

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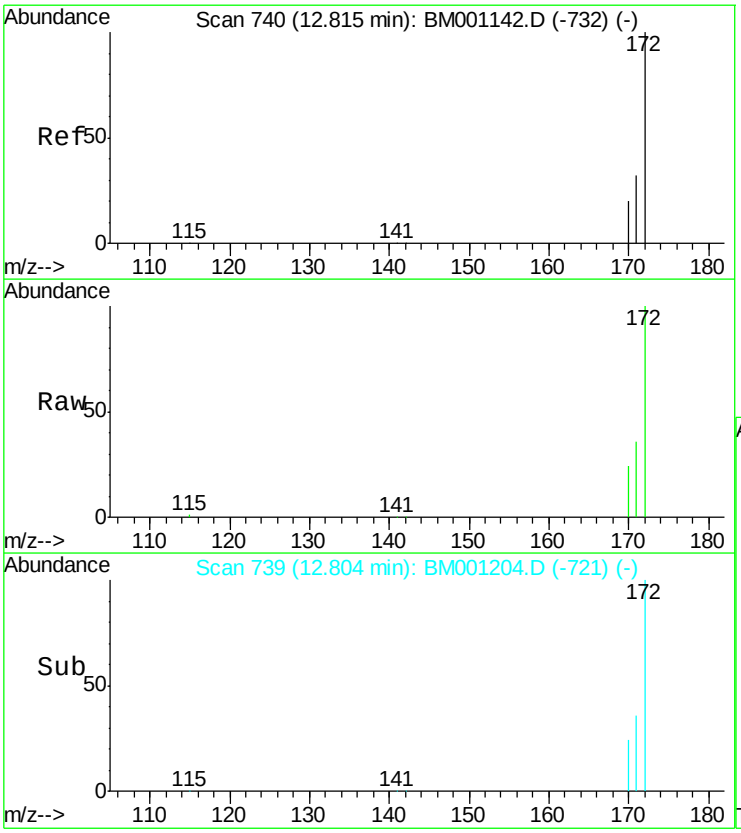
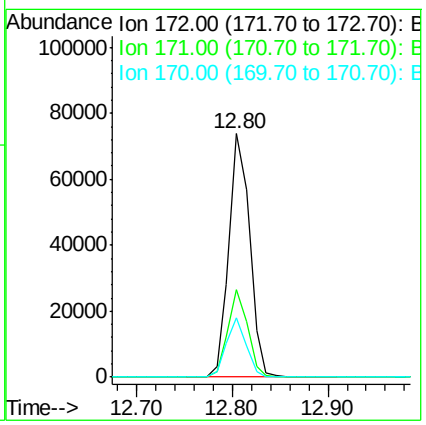
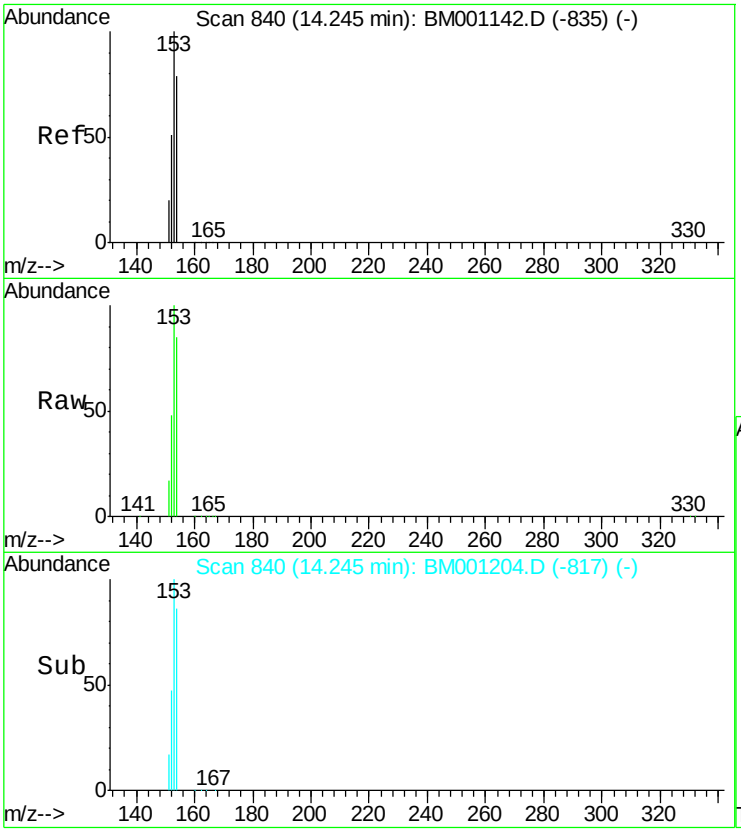


#14
2-Fluorobiphenyl
Concen: 8.49 ng
RT: 12.80 min Scan# 739
Delta R.T. -0.01 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:172 Resp: 111226

Ion	Ratio	Lower	Upper
172	100		
171	36.0	25.8	38.6
170	24.3	16.1	24.1#

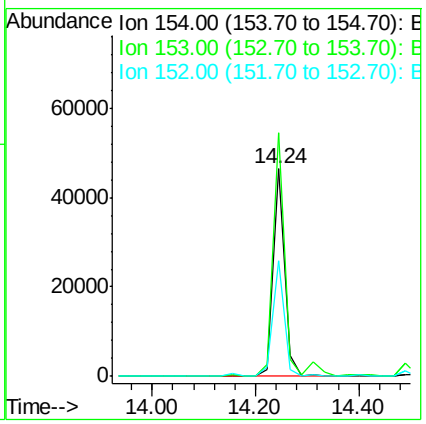




#16
Acenaphthene
Concen: 5.95 ng
RT: 14.24 min Scan# 840
Delta R.T. -0.00 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:154 Resp: 71207

Ion	Ratio	Lower	Upper
154	100		
153	122.7	90.6	136.0
152	56.9	45.0	67.4



Instrument :
BNA_M
ClientSampleId :
MW-106

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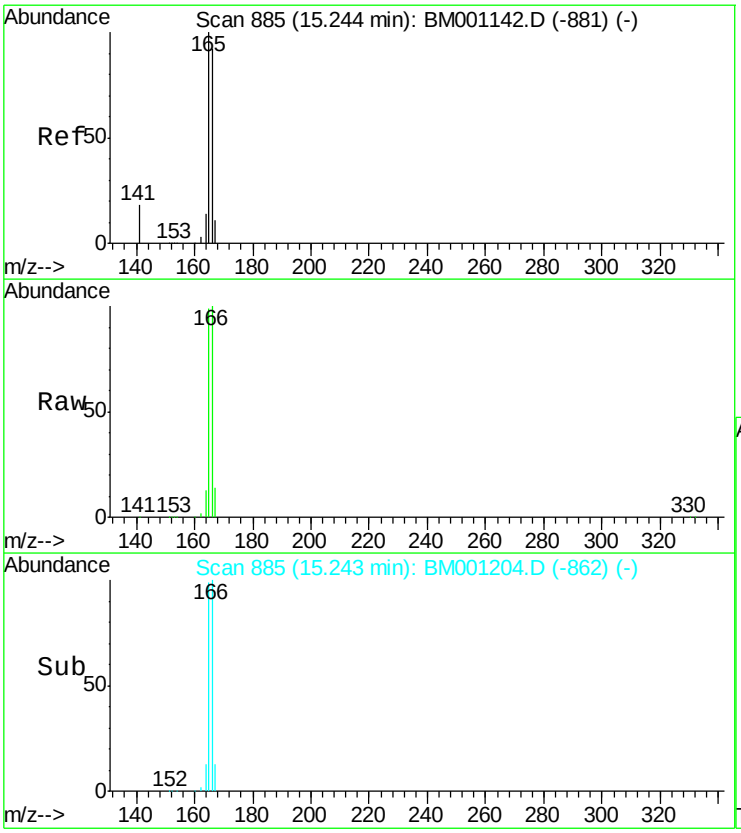
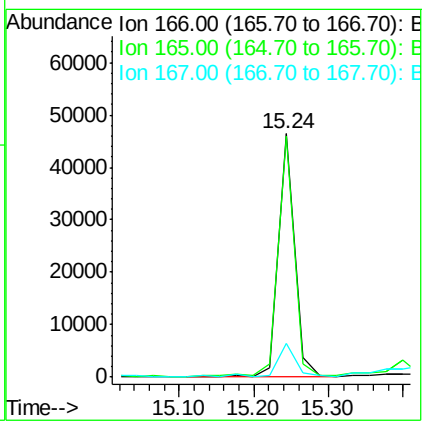
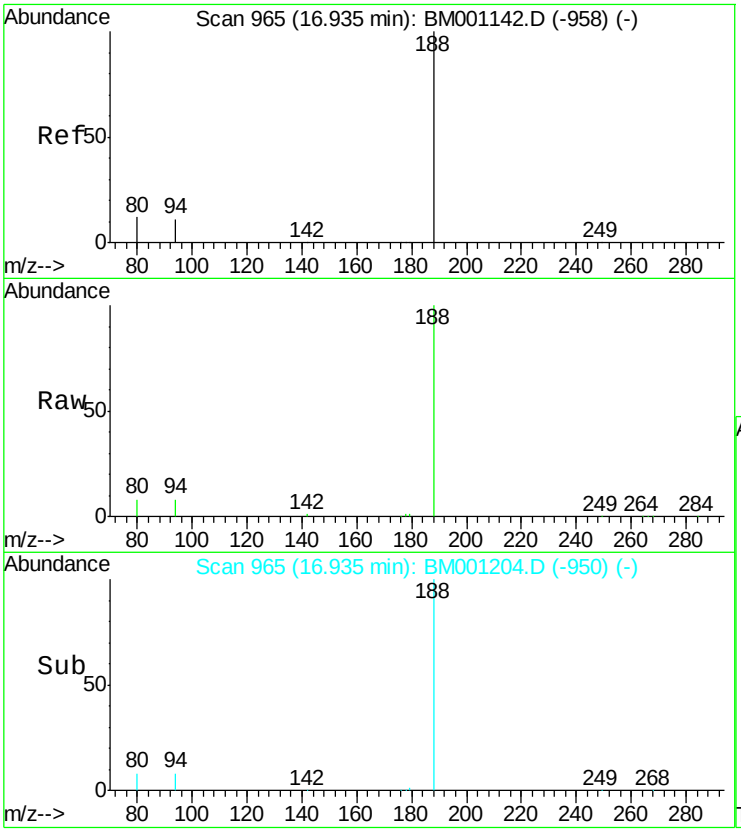


#17
Fluorene
Concen: 5.03 ng
RT: 15.24 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:166 Resp: 69761

Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.0	121.6
167	14.2	10.4	15.6

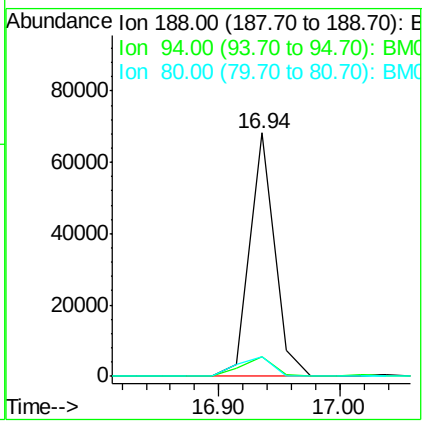




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. -0.00 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:188 Resp: 97253

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.3	13.9#
80	8.1	9.8	14.6#



Instrument :
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ClientSampleId :
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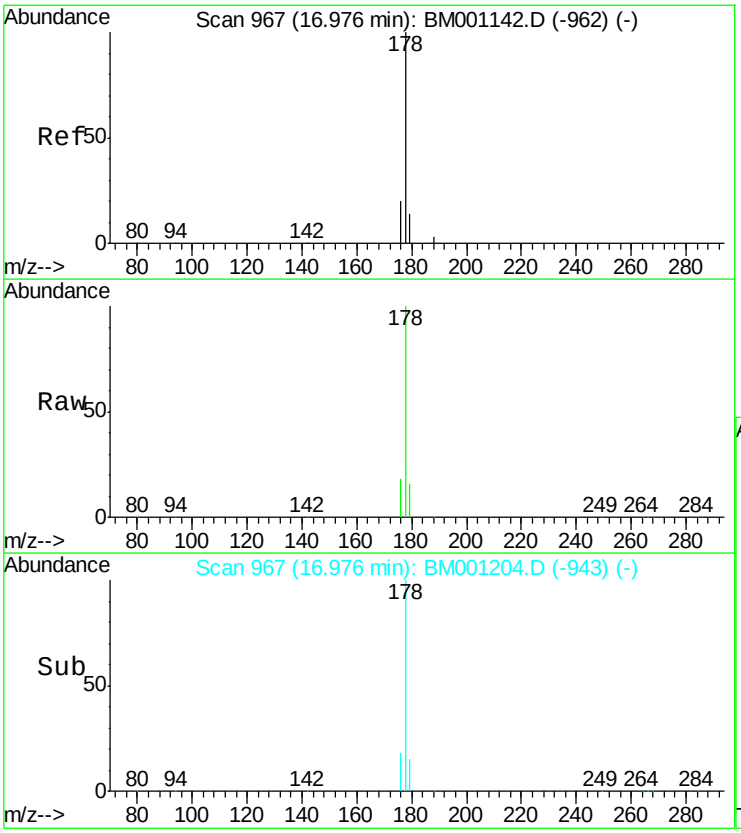
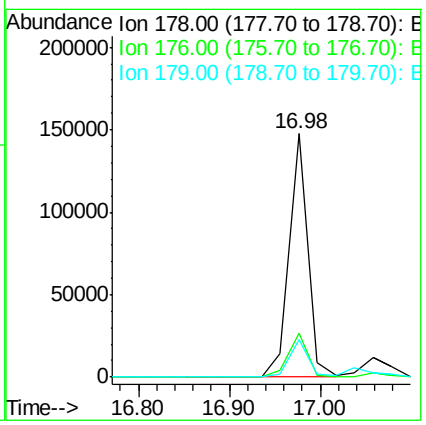
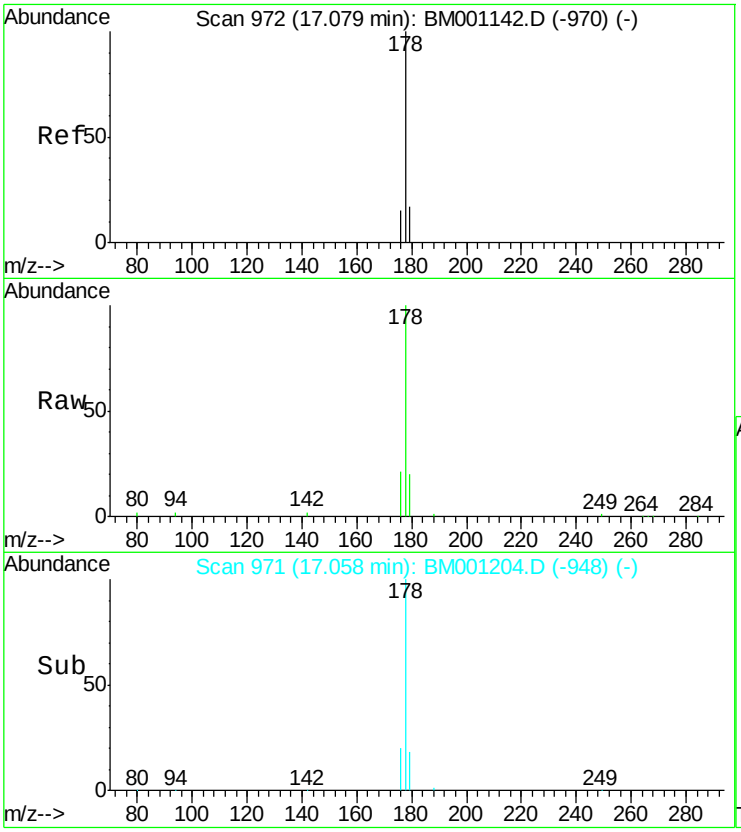


#21
Phenanthrene
Concen: 8.40 ng
RT: 16.98 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:178 Resp: 210387

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.9	12.0	18.0

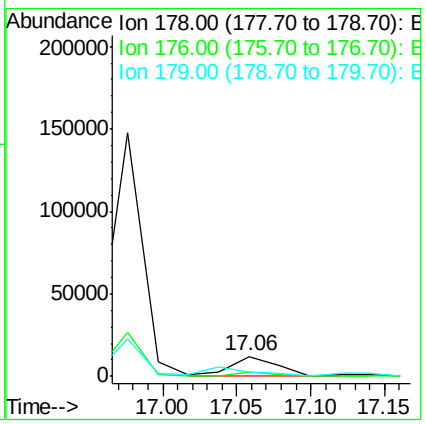




#22
Anthracene
Concen: 1.33 ng m
RT: 17.06 min Scan# 971
Delta R.T. -0.02 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:178 Resp: 27444

Ion	Ratio	Lower	Upper
178	100		
176	142.4	14.3	21.5#
179	122.1	12.2	18.2#



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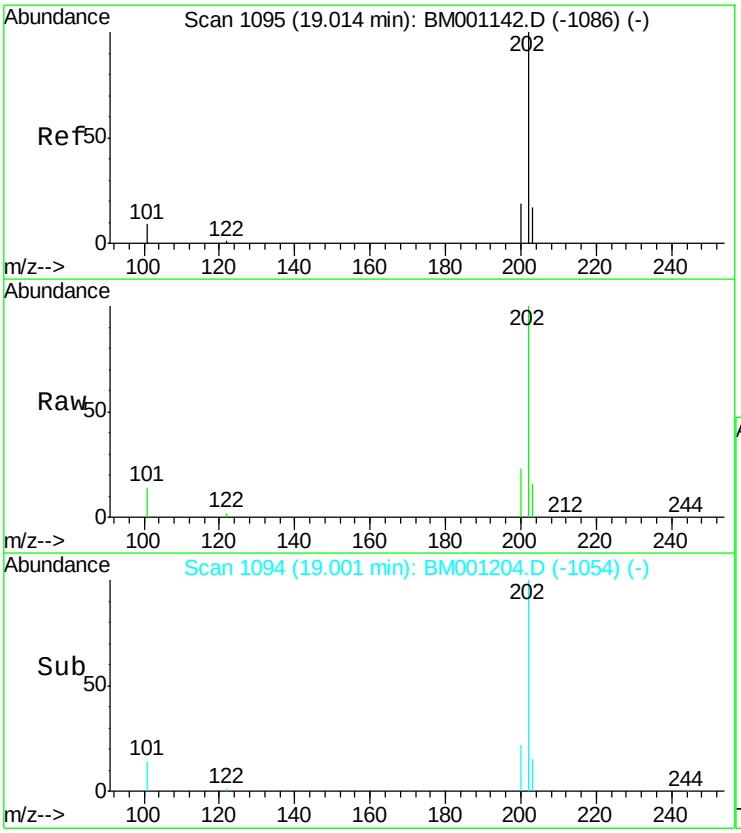
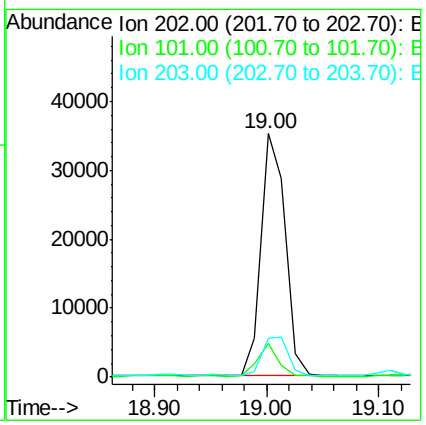
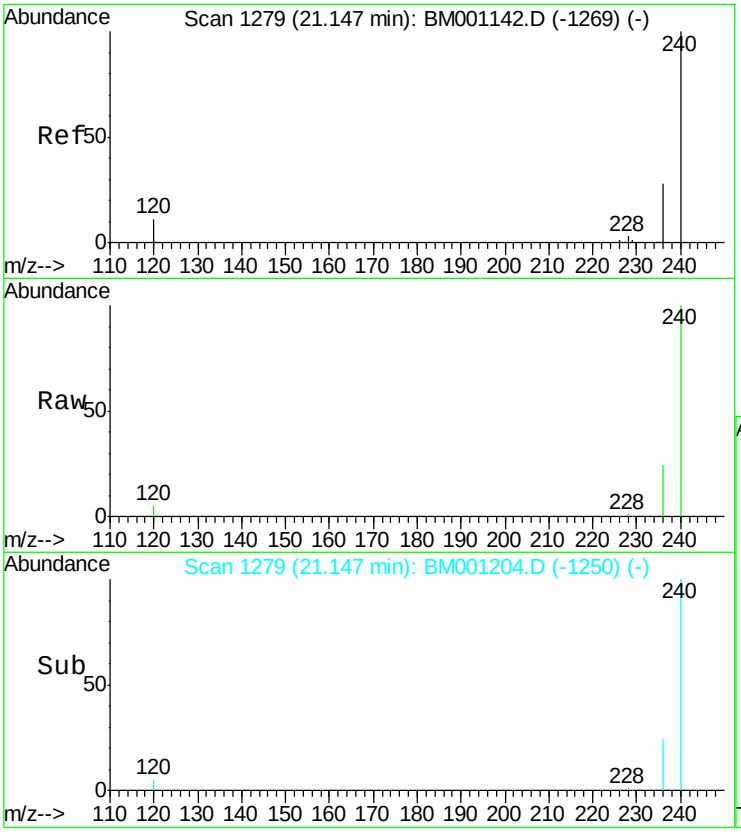


#23
Fluoranthene
Concen: 2.09 ng
RT: 19.00 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:202 Resp: 53026

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.3	13.9
203	17.4	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: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:240 Resp: 69533

Ion	Ratio	Lower	Upper
240	100		
120	5.3	9.2	13.8#
236	23.8	22.4	33.6

Instrument :
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ClientSampleId :
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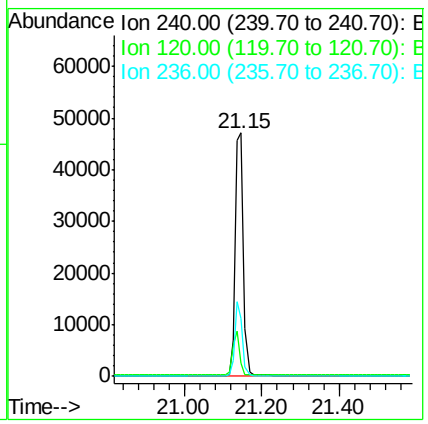
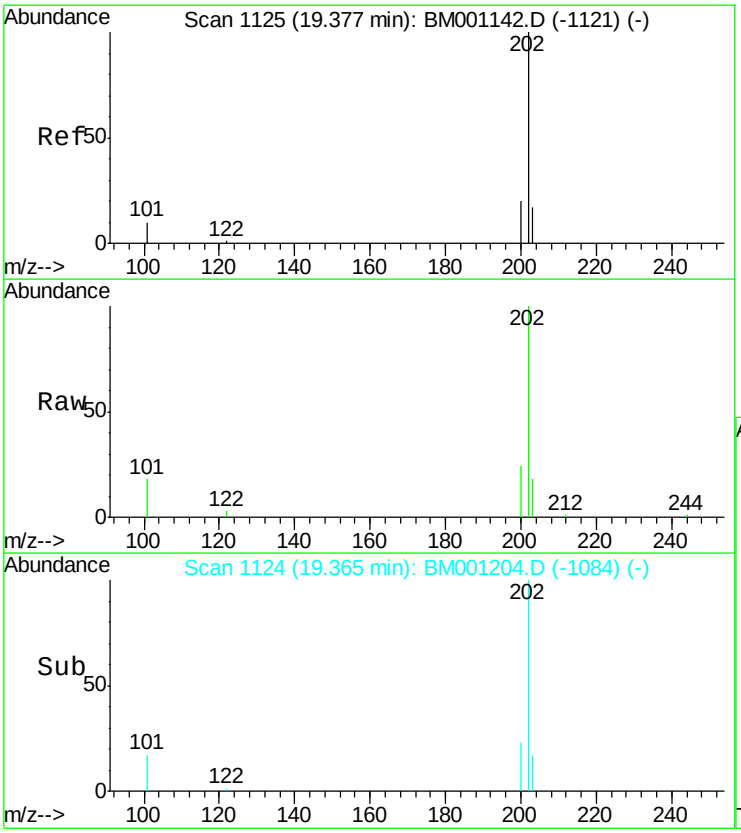
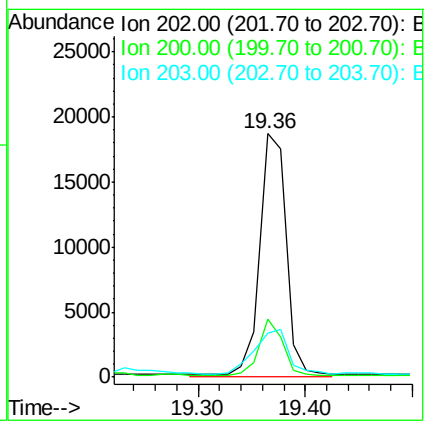


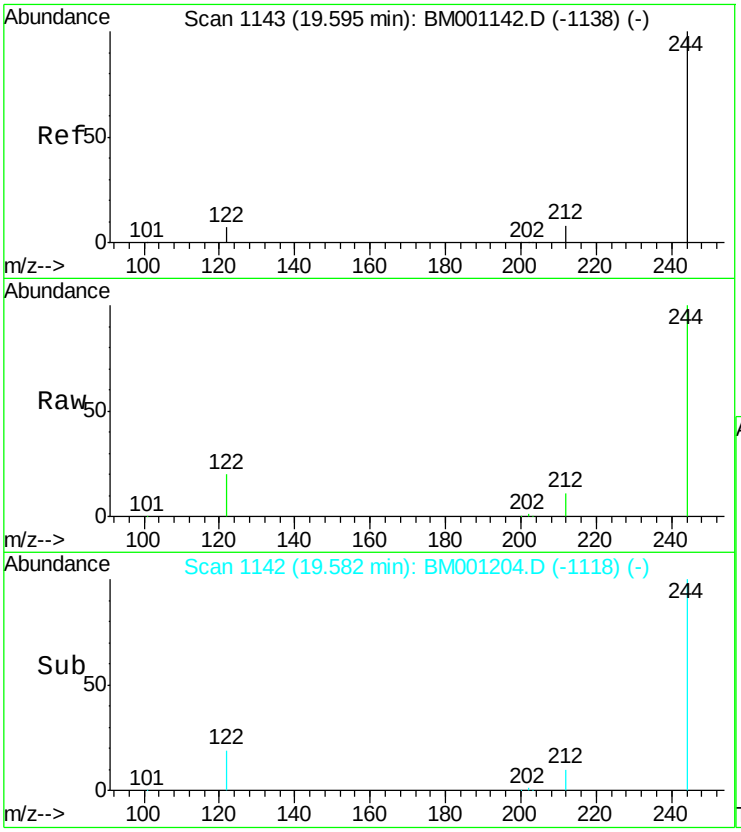


#25
Pyrene
Concen: 1.49 ng m
RT: 19.36 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:202 Resp: 32464

Ion	Ratio	Lower	Upper
202	100		
200	33.0	16.4	24.6#
203	28.3	13.8	20.6#





#26
Terphenyl-d14
Concen: 10.98 ng
RT: 19.58 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:244 Resp: 105267

Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.1	10.7
122	19.5	6.2	9.4#

Instrument :
BNA_M
ClientSampleId :
MW-106

Manual Integrations APPROVED
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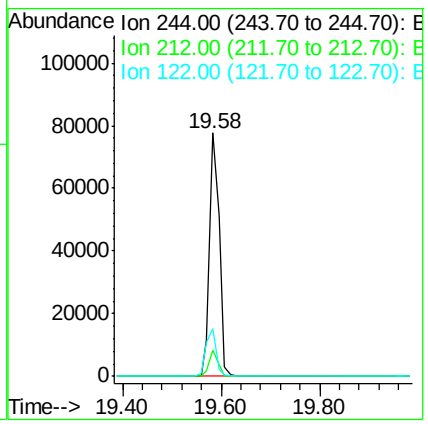
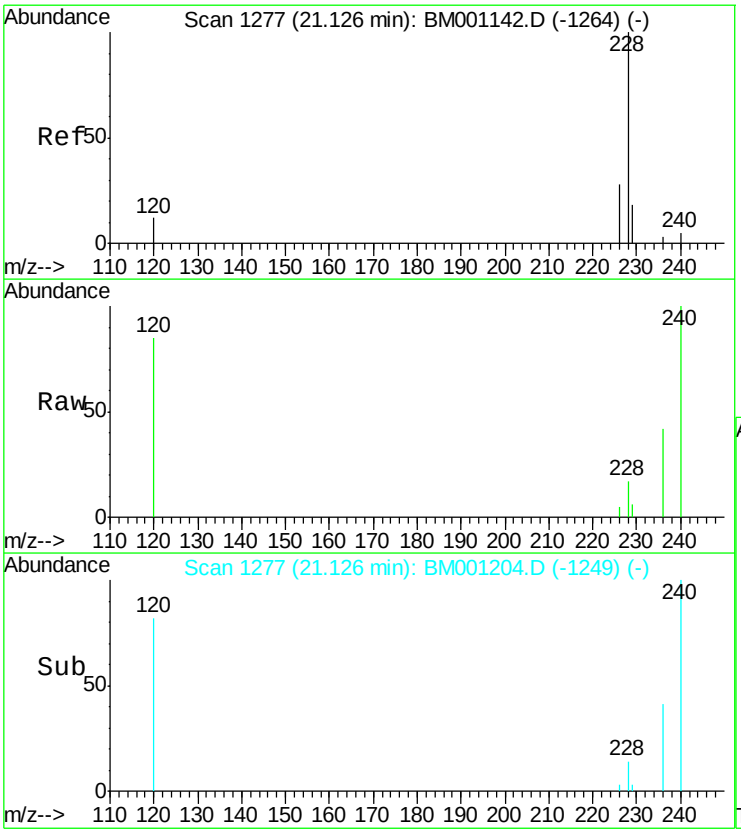
5/5/2015 12:09:44 PM

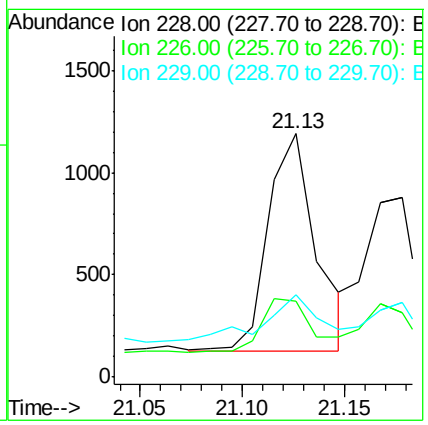


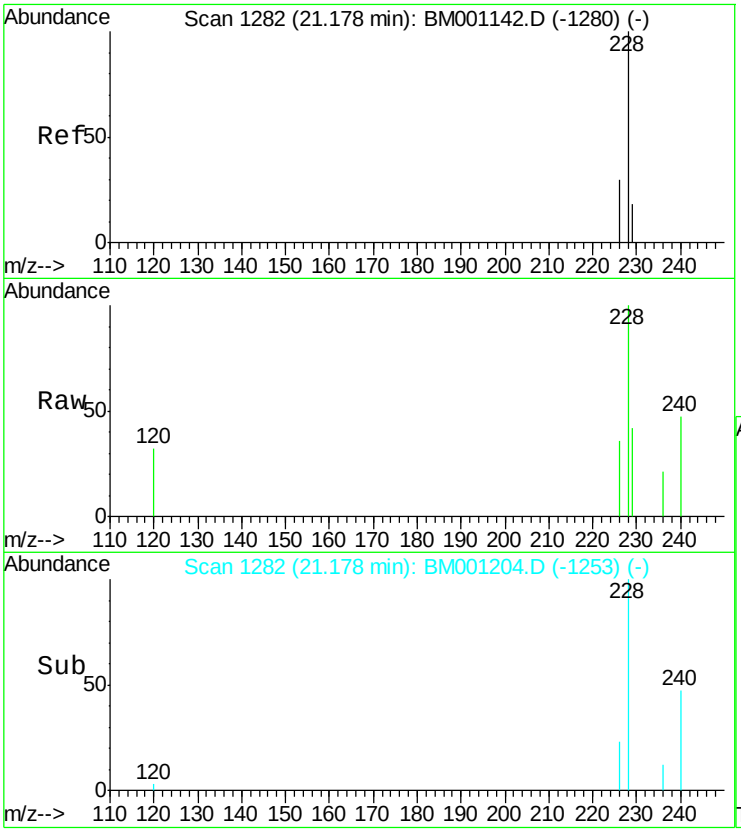


#27
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.13 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:228 Resp: 1748

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.8	34.2
229	33.7	14.4	21.6#

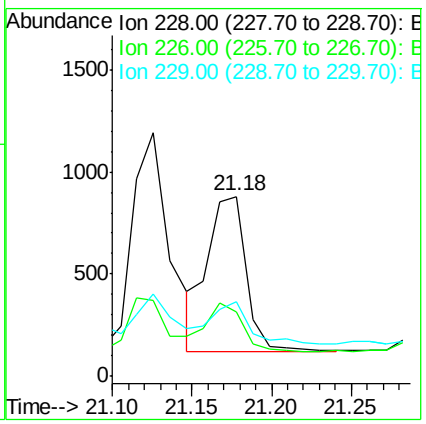




#28
Chrysene
Concen: 0.07 ng
RT: 21.18 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

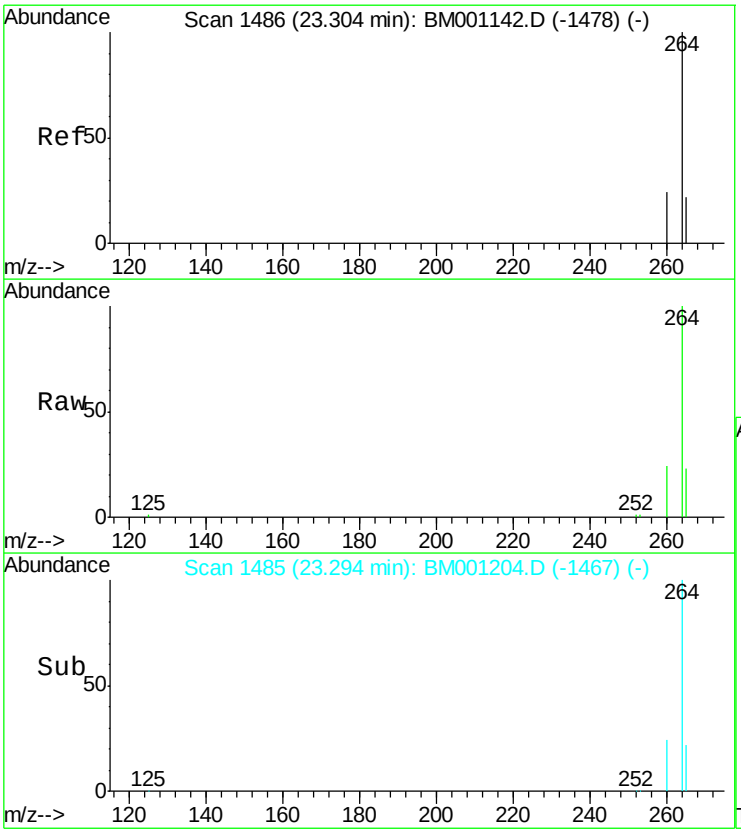
Tgt Ion:228 Resp: 1280

Ion	Ratio	Lower	Upper
228	100		
226	35.5	24.4	36.6
229	41.7	14.3	21.5#



Instrument :
BNA_M
ClientSampleId :
MW-106

Manual Integrations APPROVED
apatel
5/5/2015 12:09:44 PM



#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM001204.D
Acq: 05 May 2015 03:24

Tgt Ion:264 Resp: 49713

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	23.3	18.1	27.1