Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001359.D
Acq On : 21 May 2015 13:57
Operator : TP/IZ
Sample : G2313-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RAV-GT-104

Manual Integrations APPROVED
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Quant Time: May 21 15:36:33 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 11:08:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	10185	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	41674	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	25288	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	49940	5.00	ng	0.00
25) Chrysene-d12	21.07	240	57459	5.00	ng	0.00
32) Perylene-d12	23.17	264	54091	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	9298	4.70	ng	0.00
5) Phenol-d6	6.61	99	7987	3.24	ng	0.00
7) Nitrobenzene-d5	8.59	82	20638	9.18	ng	0.00
13) 2,4,6-Tribromophenol	15.60	330	17978	17.03	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	74131	9.83	ng	0.00
27) Terphenyl-d14	19.50	244	79059	10.46	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.25	128	492	0.06	ng	# 66
15) Acenaphthylene	13.82	152	1666	0.16	ng	95
16) Acenaphthene	14.17	154	465	0.07	ng	97
21) Pentachlorophenol	16.51	266	373	0.56	ng	# 85
24) Fluoranthene	18.92	202	5439	0.36	ng	97
26) Pyrene	19.29	202	14111m	0.80	ng	
28) Benzo(a)anthracene	21.04	228	1662m	0.10	ng	
29) Chrysene	21.10	228	948m	0.06	ng	
30) Bis(2-ethylhexyl)phthalate	20.99	149	20905	2.16	ng	100

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

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Acq On : 21 May 2015 13:57
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Misc :
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Instrument :
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ClientSampleId :
RAV-GT-104

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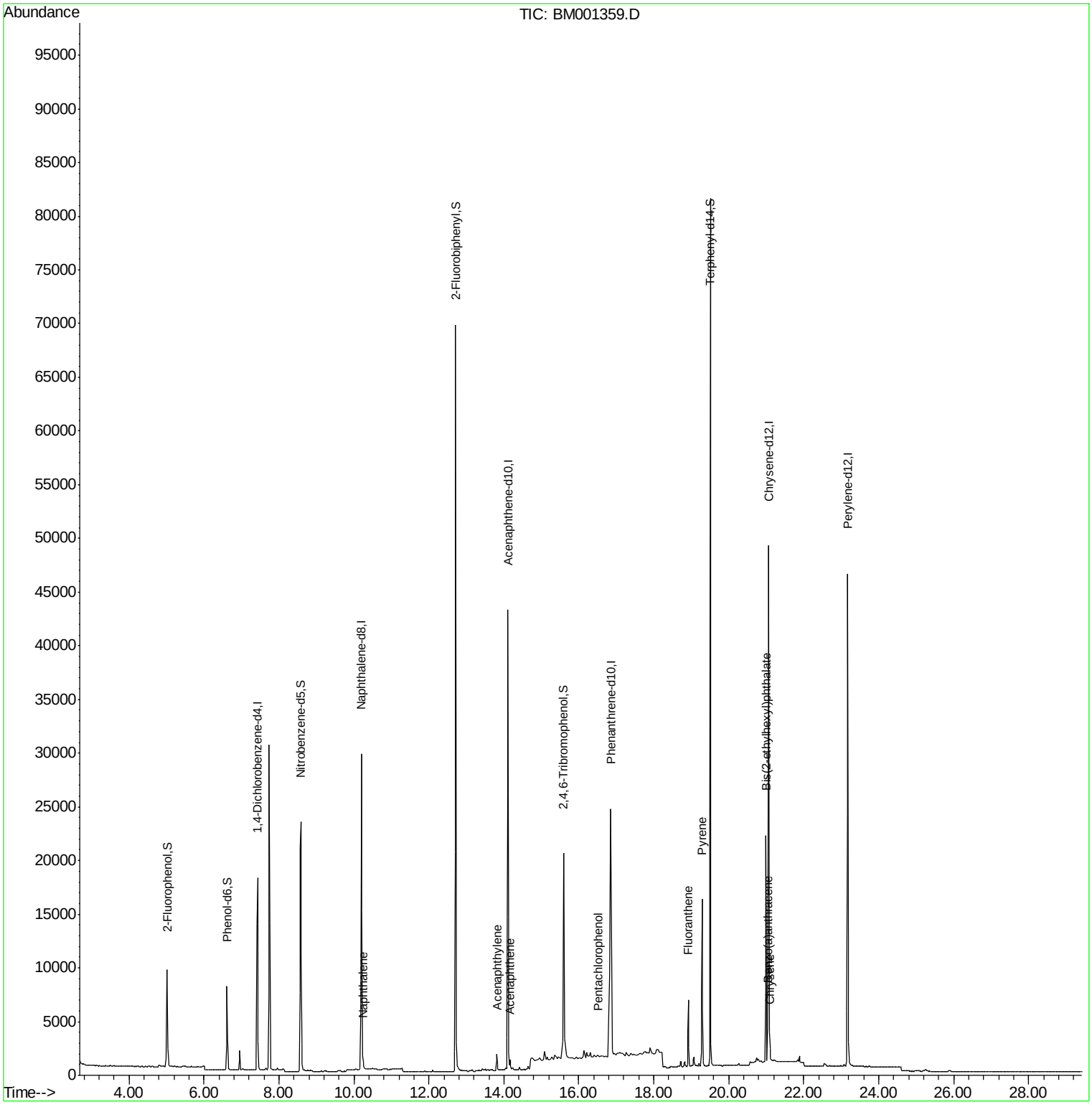
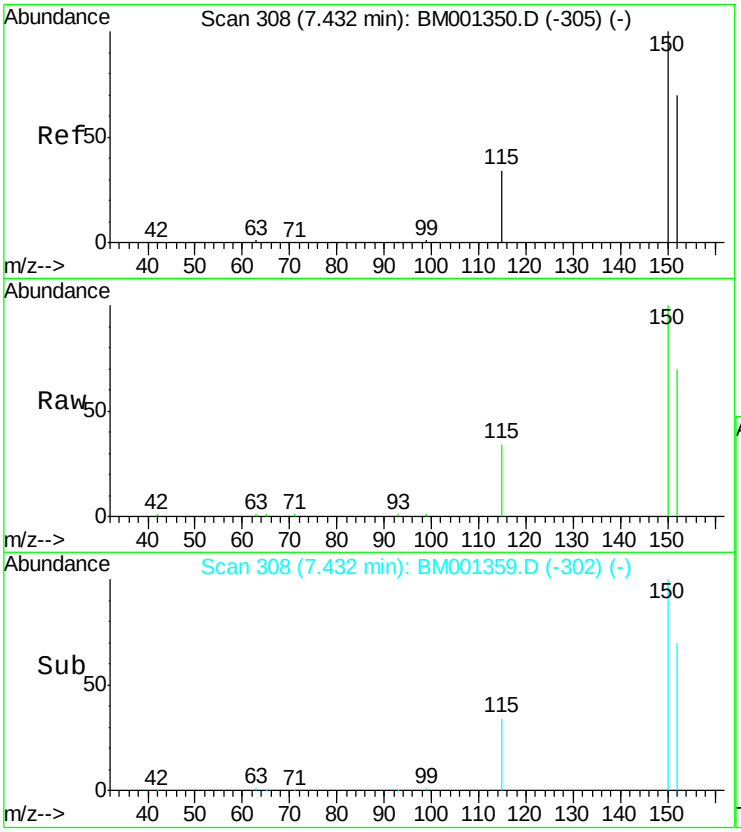
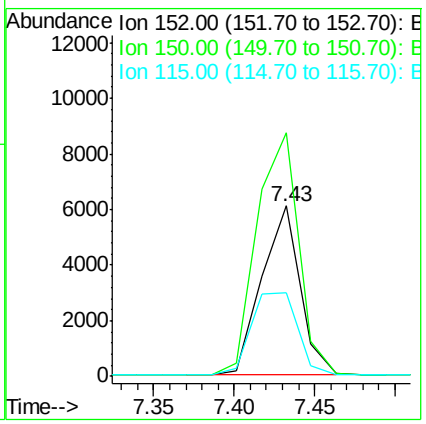




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:152 Resp: 10185

Ion	Ratio	Lower	Upper
152	100		
150	142.8	114.1	171.1
115	48.7	39.2	58.8



Instrument :
BNA_M
ClientSampleId :
RAV-GT-104

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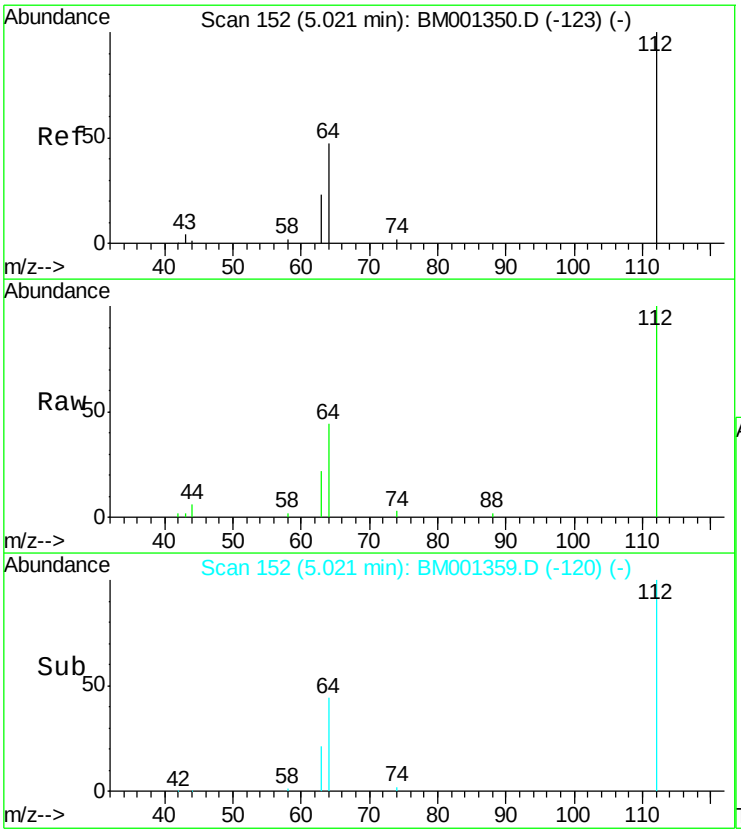
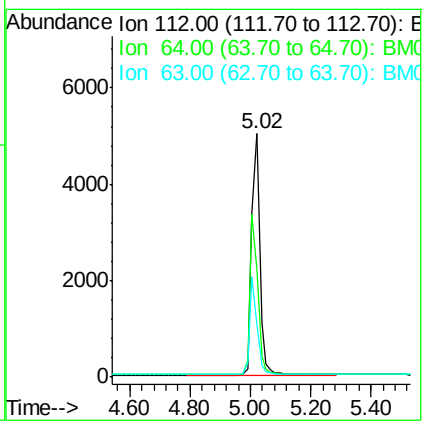
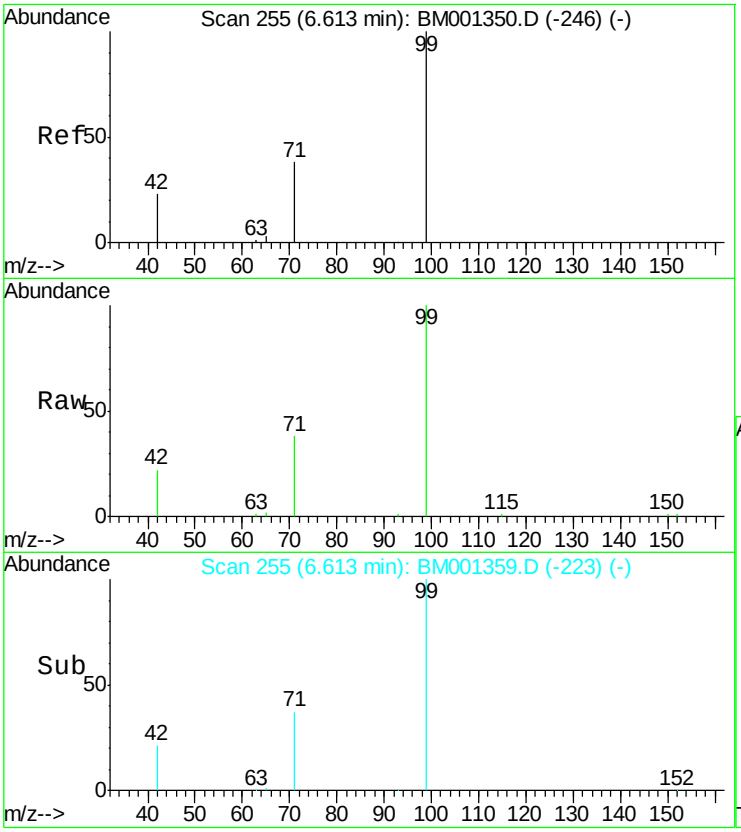


#4
2-Fluorophenol
Concen: 4.70 ng
RT: 5.02 min Scan# 152
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:112 Resp: 9298

Ion	Ratio	Lower	Upper
112	100		
64	64.8	52.9	79.3
63	36.5	29.6	44.4

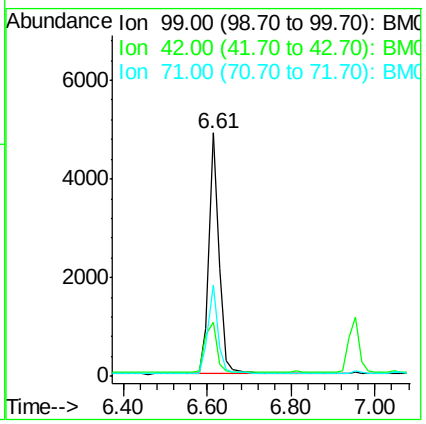




#5
Phenol-d6
Concen: 3.24 ng
RT: 6.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion: 99 Resp: 7987

Ion	Ratio	Lower	Upper
99	100		
42	24.2	21.4	32.2
71	36.4	29.0	43.4



Instrument :
BNA_M
ClientSampleId :
RAV-GT-104

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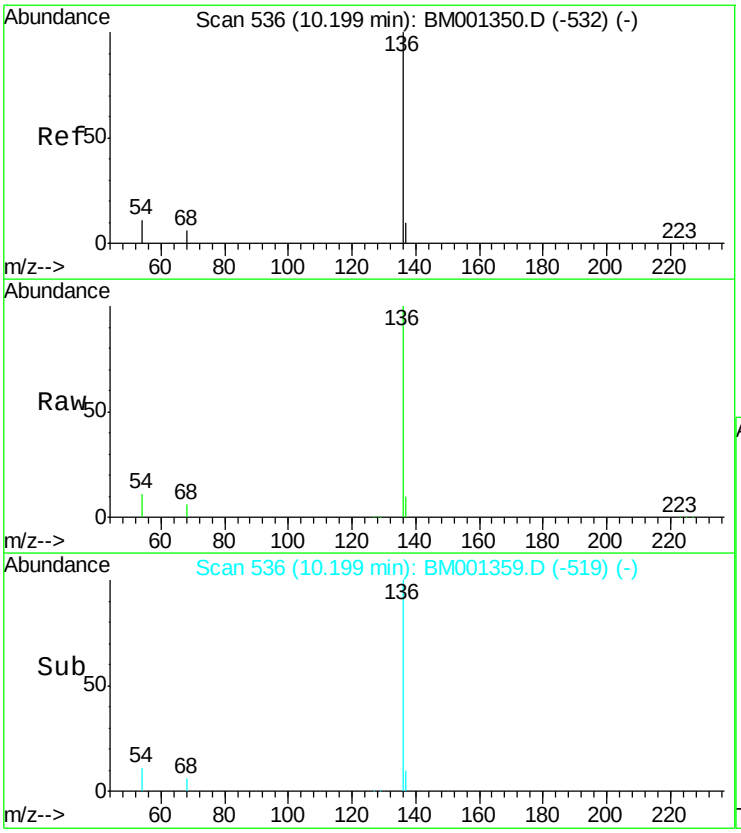
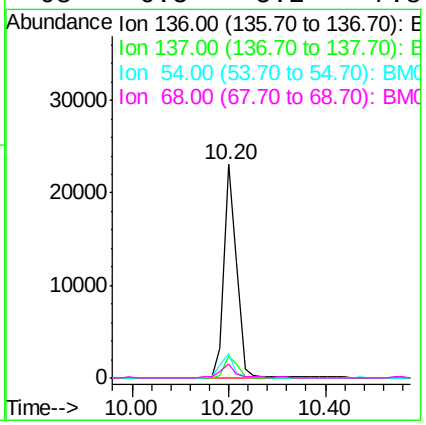
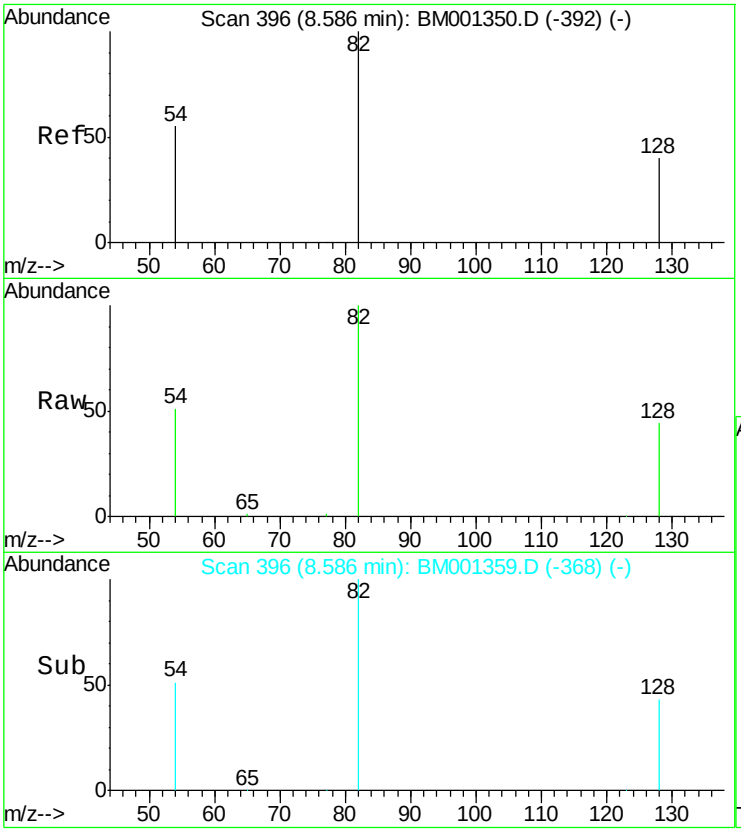


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.20 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:136 Resp: 41674

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	11.5	9.4	14.0
68	6.5	5.2	7.8

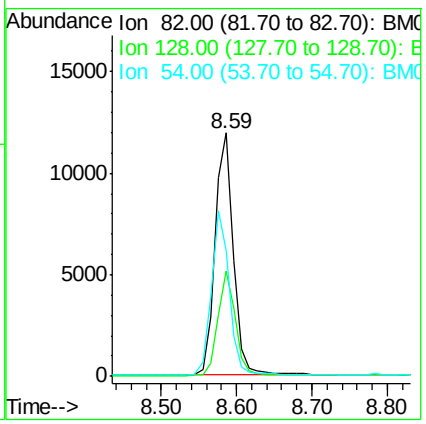




#7
Nitrobenzene-d5
Concen: 9.18 ng
RT: 8.59 min Scan# 396
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion: 82 Resp: 20638

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.5	50.3
54	51.5	45.1	67.7



Instrument :
BNA_M
ClientSampleId :
RAV-GT-104

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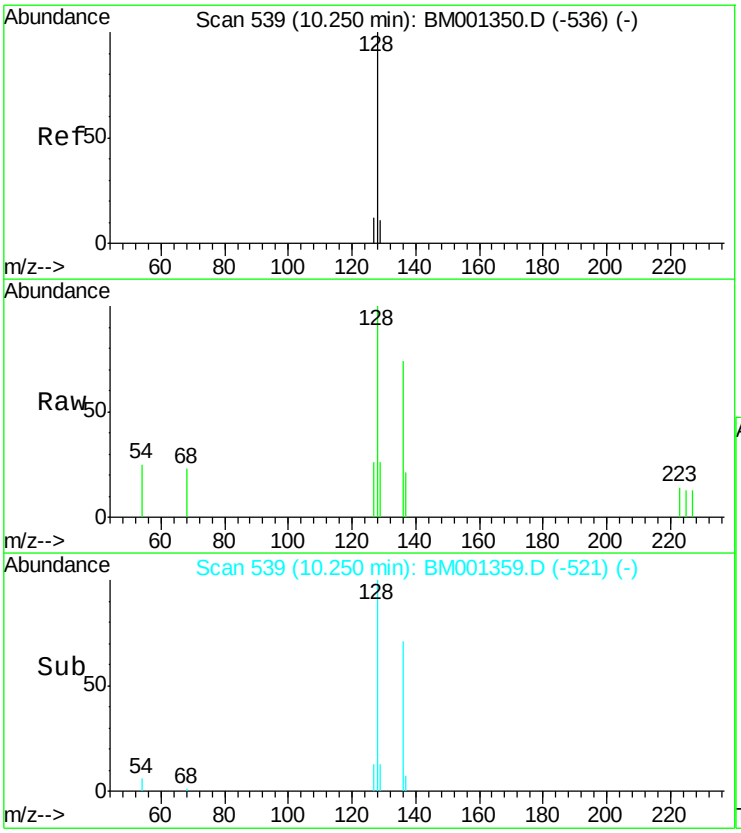
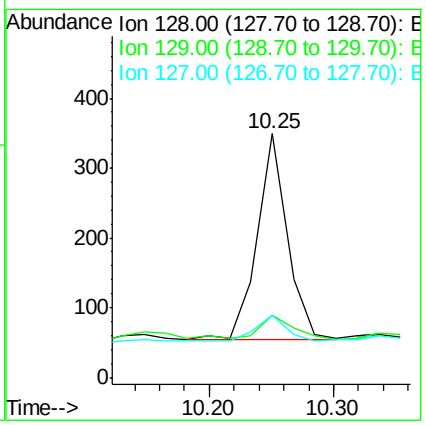
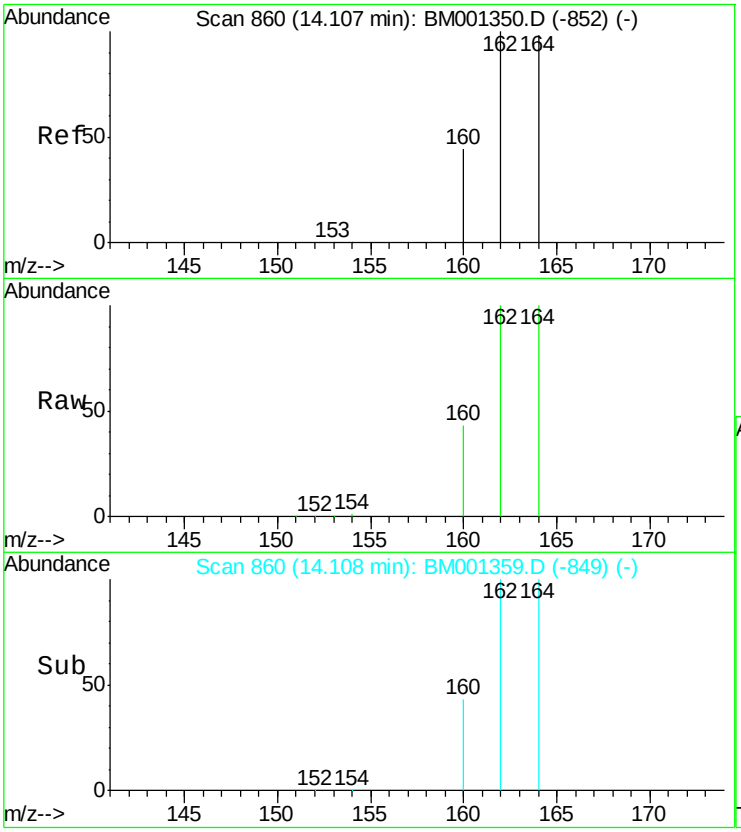


#9
Naphthalene
Concen: 0.06 ng
RT: 10.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:128 Resp: 492

Ion	Ratio	Lower	Upper
128	100		
129	25.5	9.1	13.7#
127	25.5	10.4	15.6#

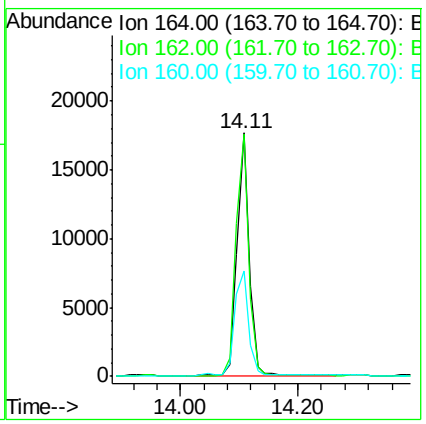




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:164 Resp: 25288

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.8	122.8
160	43.3	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
RAV-GT-104

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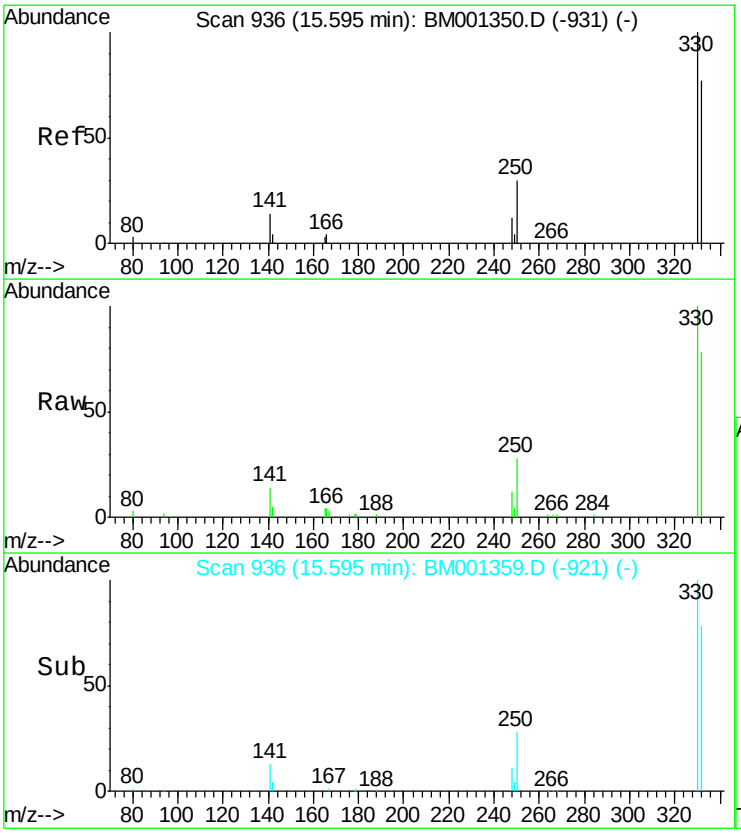
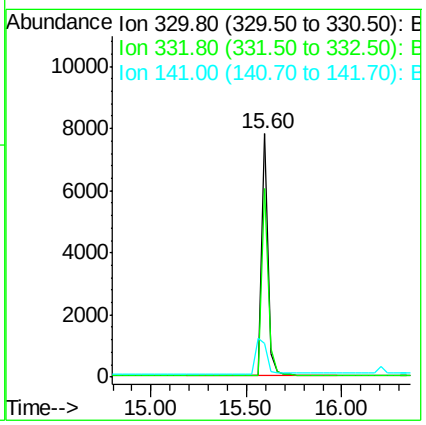
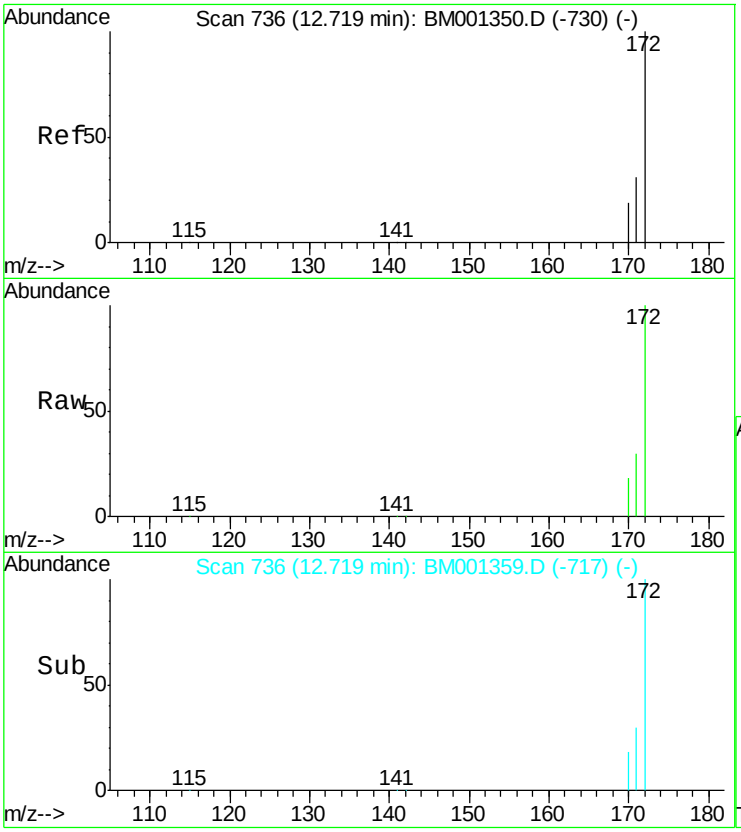


#13
2,4,6-Tribromophenol
Concen: 17.03 ng
RT: 15.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:330 Resp: 17978

Ion	Ratio	Lower	Upper
330	100		
332	82.2	65.4	98.2
141	0.0	20.2	30.4#

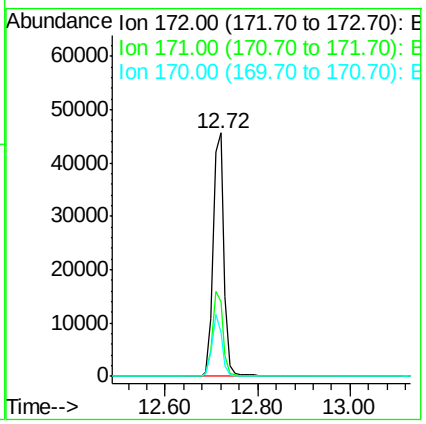




#14
2-Fluorobiphenyl
Concen: 9.83 ng
RT: 12.72 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:172 Resp: 74131

Ion	Ratio	Lower	Upper
172	100		
171	30.5	25.4	38.2
170	17.9	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
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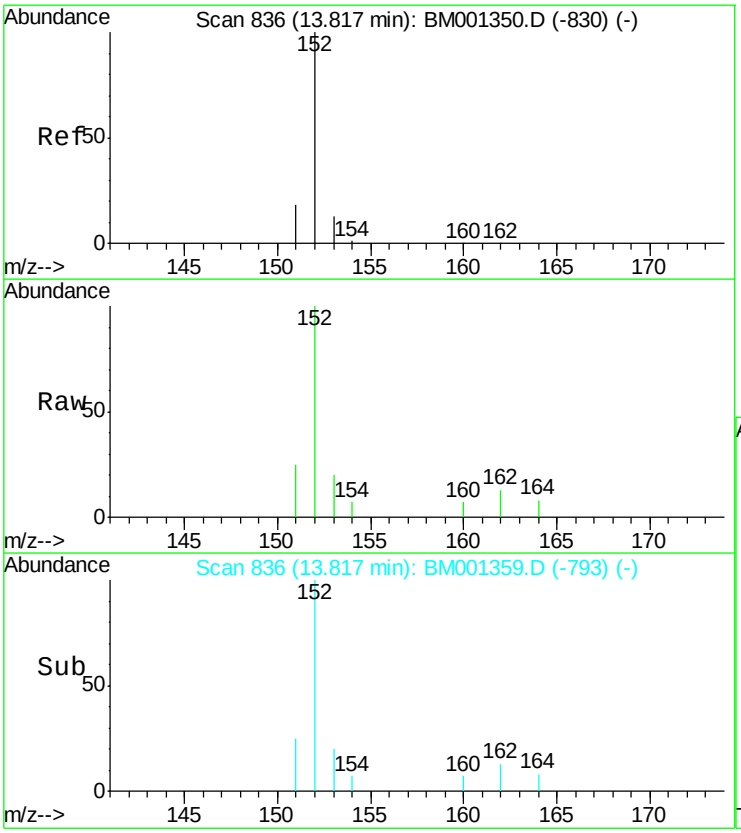
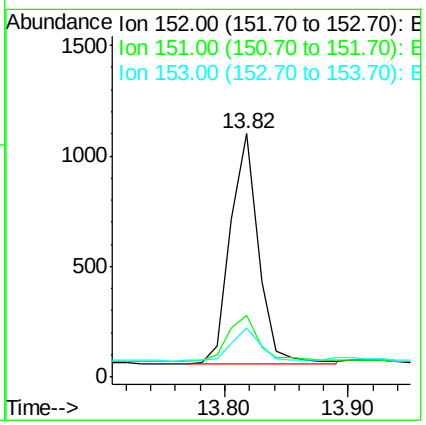
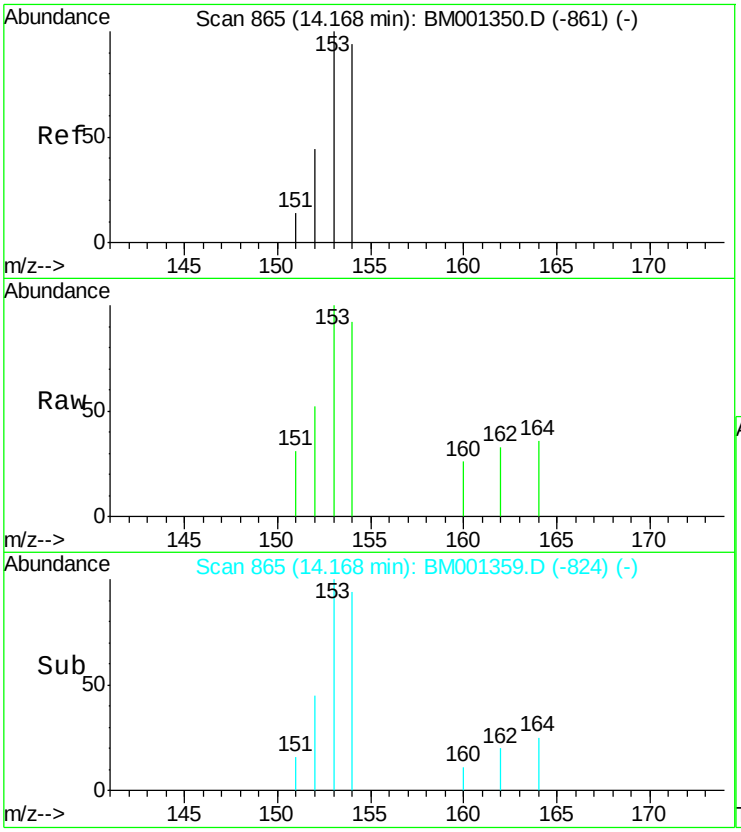


#15
Acenaphthylene
Concen: 0.16 ng
RT: 13.82 min Scan# 836
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:152 Resp: 1666

Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.3	22.9
153	13.6	10.3	15.5

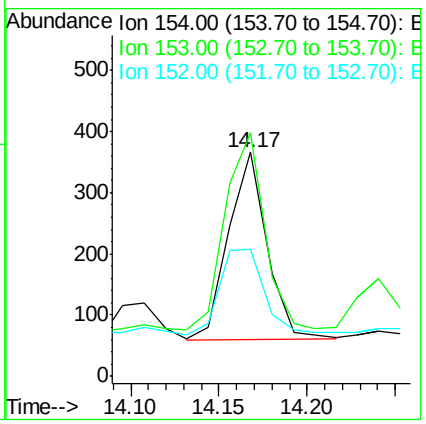




#16
Acenaphthene
Concen: 0.07 ng
RT: 14.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:154 Resp: 465

Ion	Ratio	Lower	Upper
154	100		
153	107.7	90.6	135.8
152	54.4	43.6	65.4



Instrument :
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ClientSampleId :
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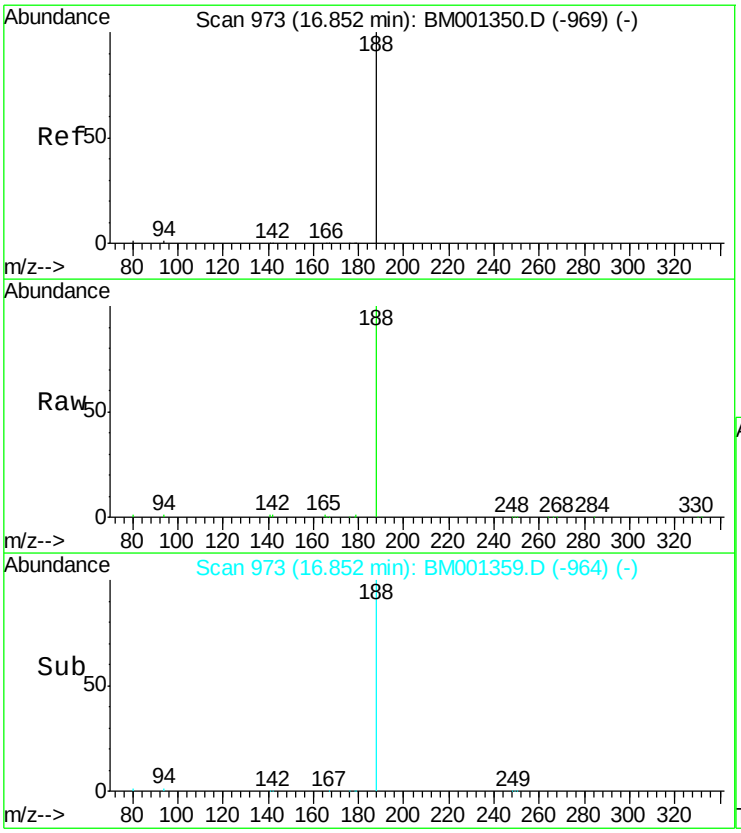
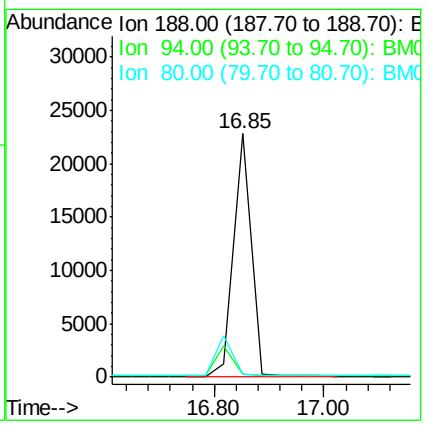
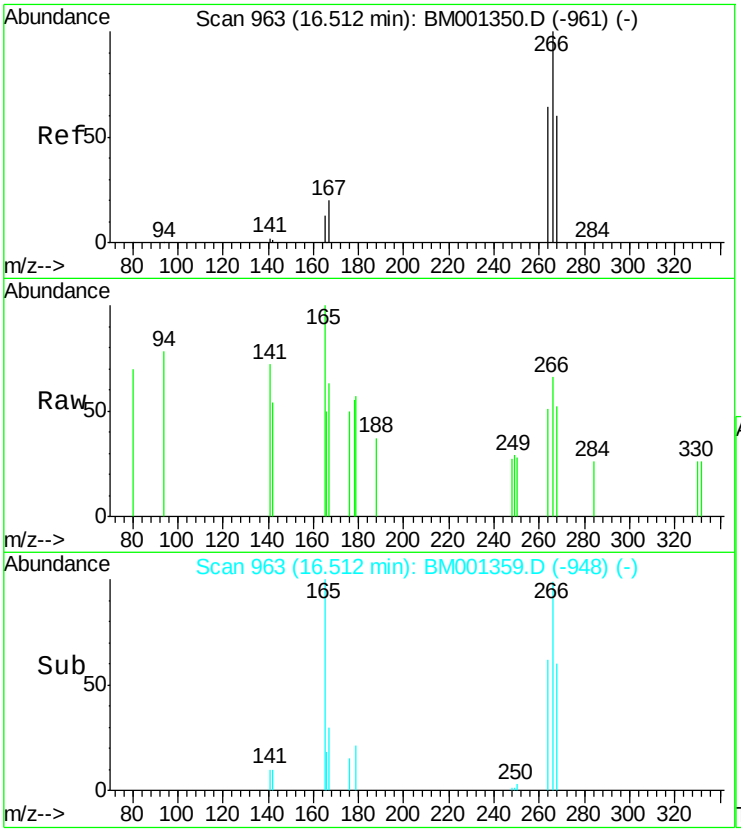


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:188 Resp: 49940

Ion	Ratio	Lower	Upper
188	100		
94	1.3	0.6	1.0#
80	1.1	0.6	0.8#

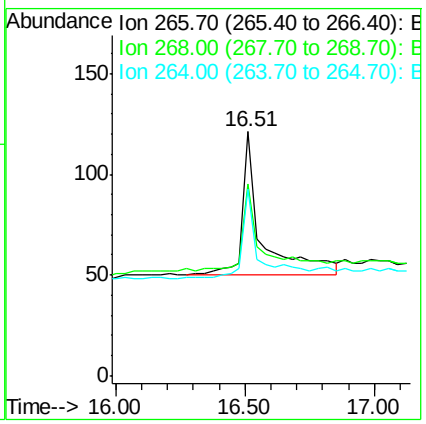




#21
Pentachlorophenol
Concen: 0.56 ng
RT: 16.51 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:266 Resp: 373

Ion	Ratio	Lower	Upper
266	100		
268	78.5	51.2	76.8#
264	76.9	53.7	80.5



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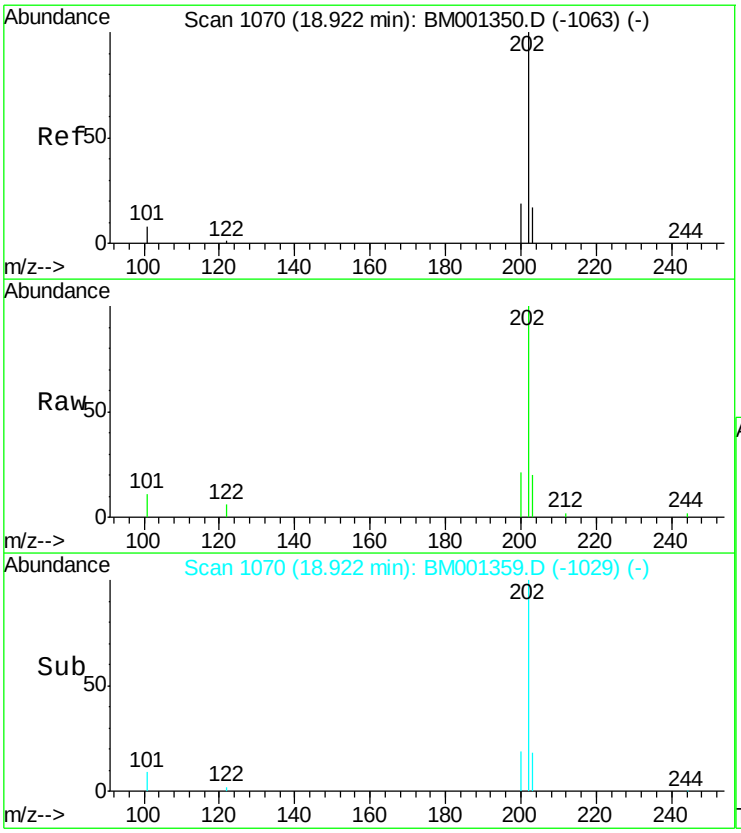
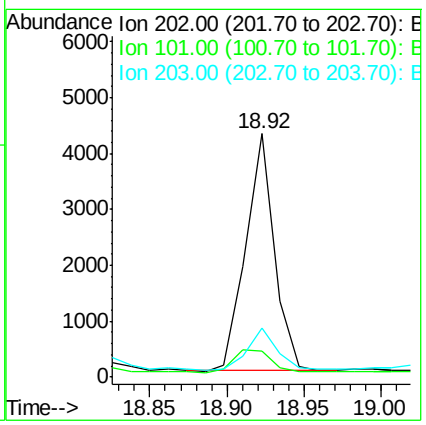
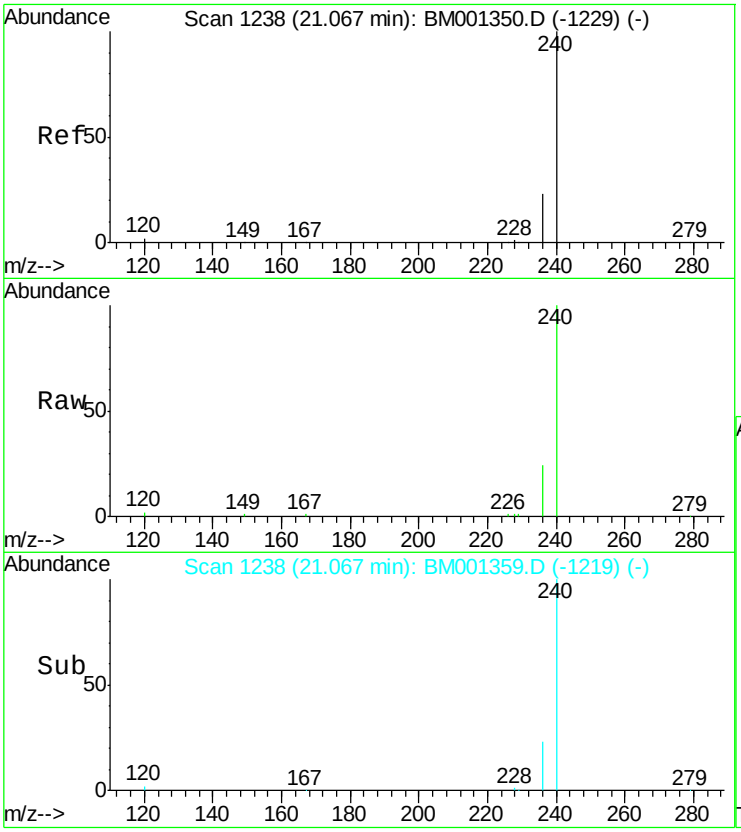


#24
Fluoranthene
Concen: 0.36 ng
RT: 18.92 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:202 Resp: 5439

Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.7	13.1
203	17.9	13.8	20.6





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:240 Resp: 57459

Ion	Ratio	Lower	Upper
240	100		
120	2.3	1.6	2.4
236	23.5	18.5	27.7

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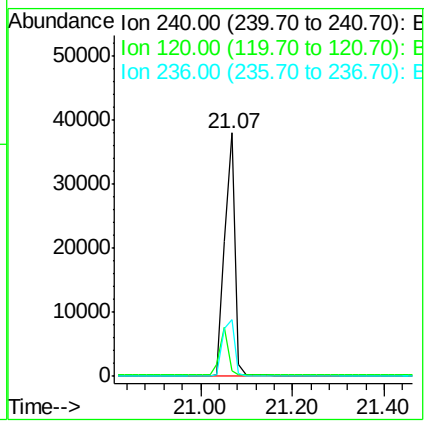
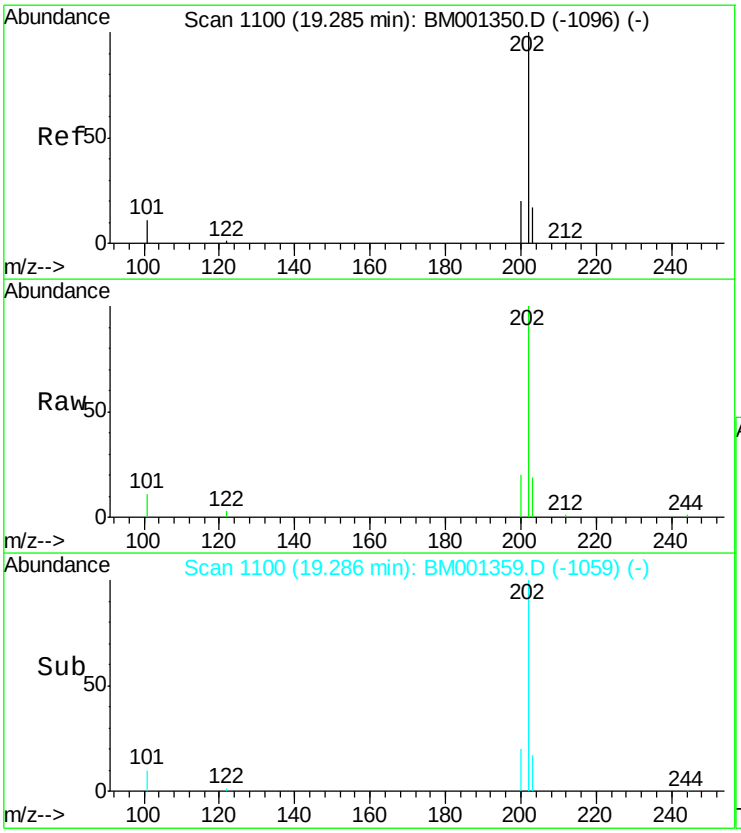
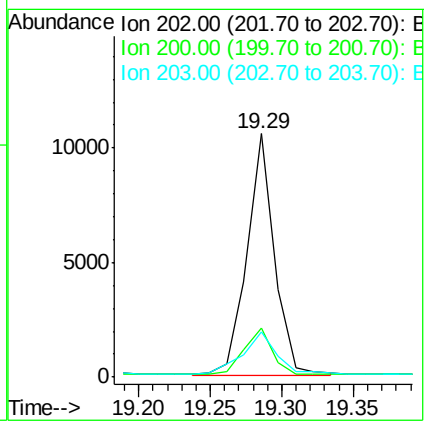


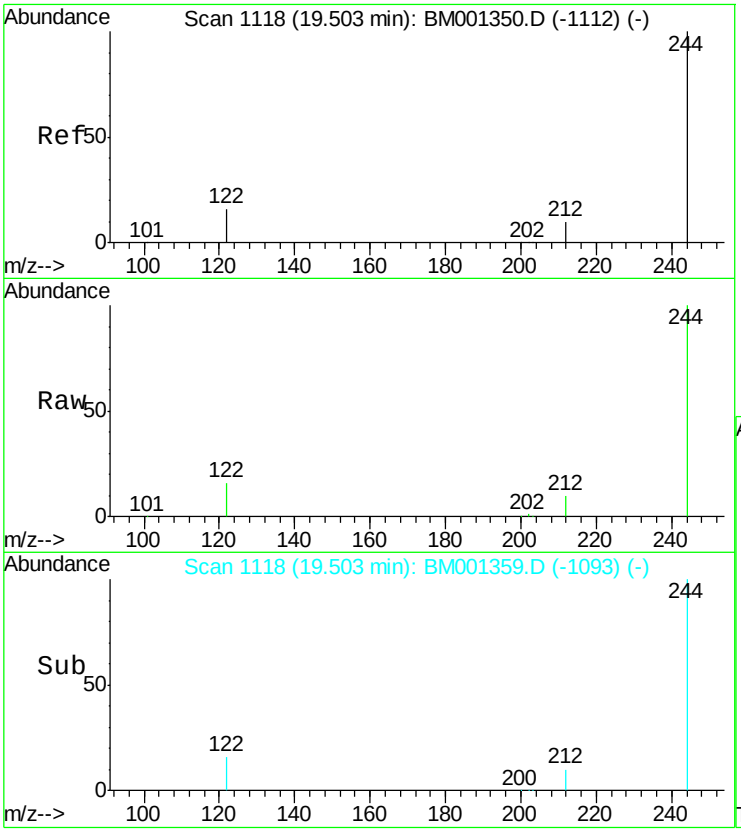


#26
Pyrene
Concen: 0.80 ng m
RT: 19.29 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:202 Resp: 14111

Ion	Ratio	Lower	Upper
202	100		
200	8.0	16.2	24.4#
203	6.9	13.9	20.9#





#27
Terphenyl-d14
Concen: 10.46 ng
RT: 19.50 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:244 Resp: 79059

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.5	12.7
122	16.5	13.4	20.2

Instrument :
BNA_M
ClientSampleId :
RAV-GT-104

Manual Integrations APPROVED
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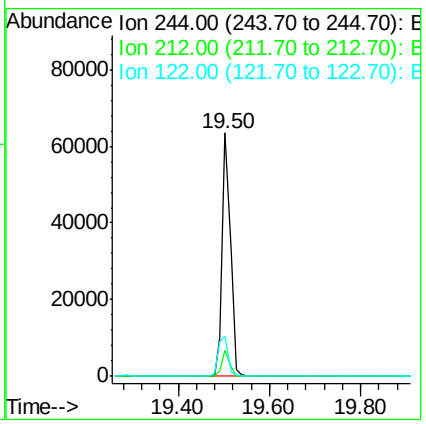
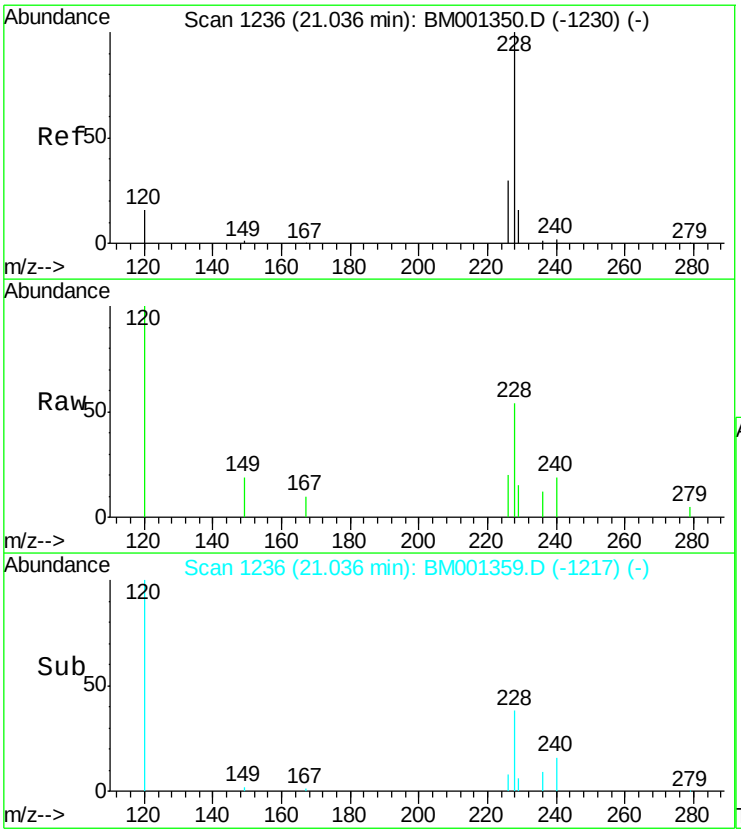
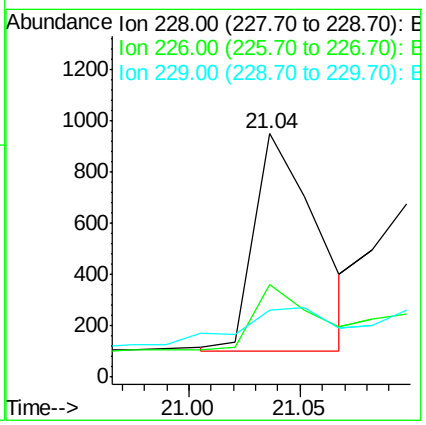


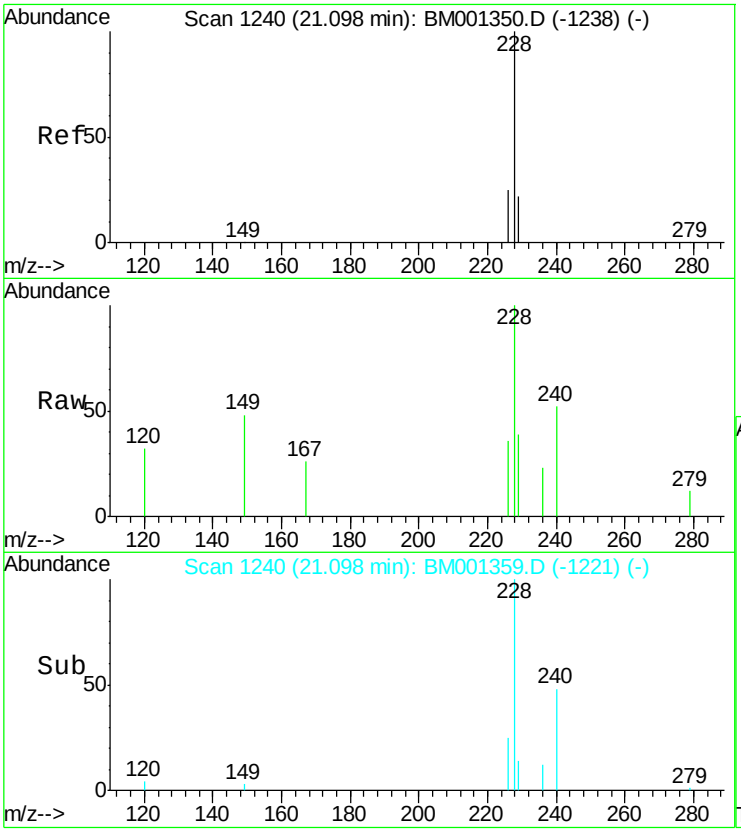


#28
Benzo(a)anthracene
Concen: 0.10 ng m
RT: 21.04 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:228 Resp: 1662

Ion	Ratio	Lower	Upper
228	100		
226	37.8	24.5	36.7#
229	27.5	13.3	19.9#





#29
Chrysene
Concen: 0.06 ng m
RT: 21.10 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:228 Resp: 948

Ion	Ratio	Lower	Upper
228	100		
226	36.2	20.0	30.0#
229	38.8	17.6	26.4#

Instrument :
BNA_M
ClientSampleId :
RAV-GT-104

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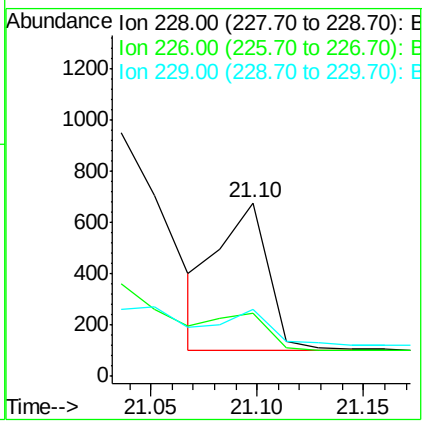
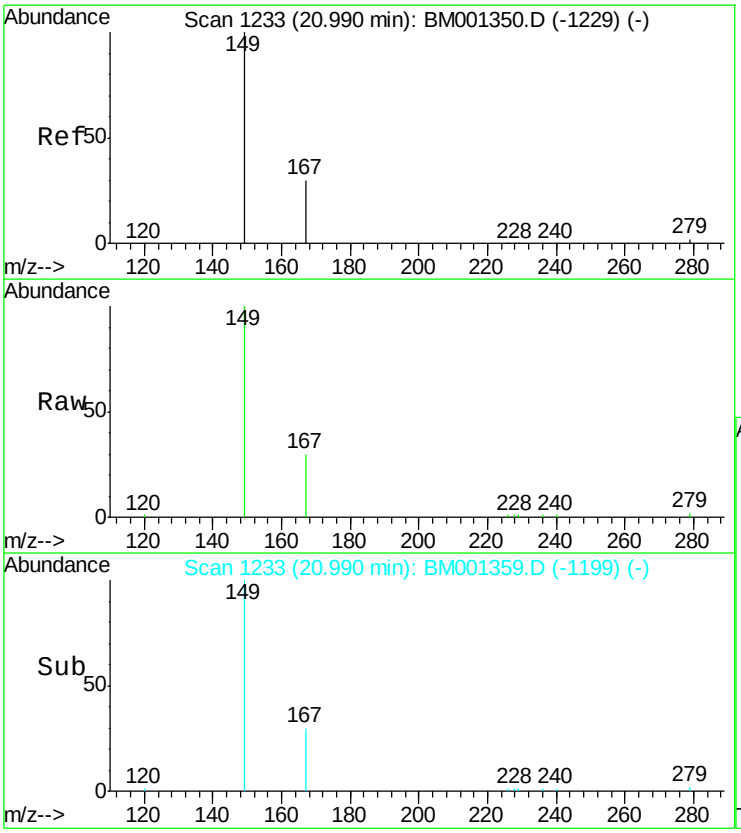
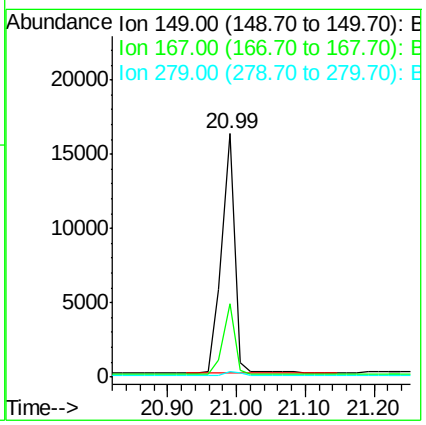


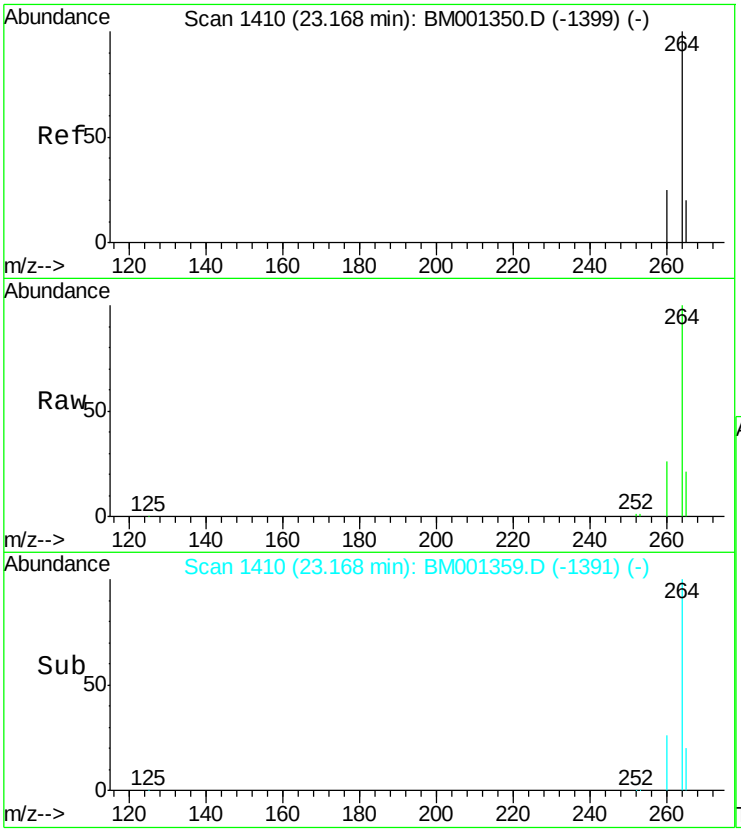


#30
Bis(2-ethylhexyl)phthalate
Concen: 2.16 ng
RT: 20.99 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:149 Resp: 20905

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.6	32.4
279	2.5	1.9	2.9

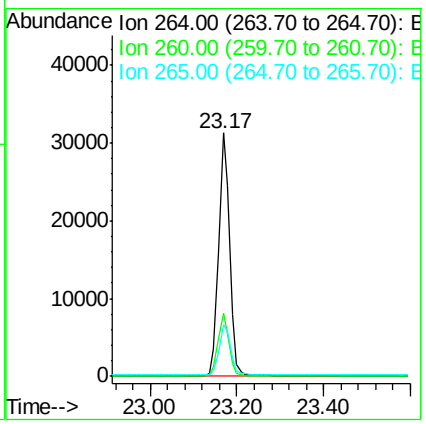




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BM001359.D
Acq: 21 May 2015 13:57

Tgt Ion:264 Resp: 54091

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.4	30.6
265	21.1	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
RAV-GT-104

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