Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
Data File : BM001379.D
Acq On : 22 May 2015 03:05
Operator : TP/IZ
Sample : G2313-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RAV-GT-201

Quant Time: May 22 05:34:47 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 10:49:04 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.432	152	12773	5.00	ng	0.00
6) Naphthalene-d8	10.199	136	56714	5.00	ng	0.00
12) Acenaphthene-d10	14.107	164	34617	5.00	ng	0.00
18) Phenanthrene-d10	16.852	188	71709	5.00	ng	# 0.00
25) Chrysene-d12	21.051	240	57407	5.00	ng	#-0.02
32) Perylene-d12	23.168	264	42812	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.021	112	13637	5.50	ng	0.00
5) Phenol-d6	6.628	99	11892	3.85	ng	0.02
7) Nitrobenzene-d5	8.586	82	16330	5.34	ng	0.00
13) 2,4,6-Tribromophenol	15.595	330	13425	9.34	ng	0.00
14) 2-Fluorobiphenyl	12.719	172	82745	8.01	ng	0.00
27) Terphenyl-d14	19.503	244	87705	11.61	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.250	128	7679	0.63	ng	# 95
11) 2-Methylnaphthalene	11.886	142	1044	0.12	ng	# 89
15) Acenaphthylene	13.817	152	2883	0.20	ng	# 86
16) Acenaphthene	14.168	154	4068	0.44	ng	98
22) Phenanthrene	16.886	178	2876m	0.11	ng	
23) Anthracene	16.987	178	1150m	0.12	ng	
24) Fluoranthene	18.922	202	3576	0.17	ng	# 83
26) Pyrene	19.285	202	3916	0.22	ng	# 94
30) Bis(2-ethylhexyl)phtha...	20.974	149	9961	1.13	ng	# 95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
Data File : BM001379.D
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Operator : TP/IZ
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Quant Time: May 22 05:34:47 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 10:49:04 2015
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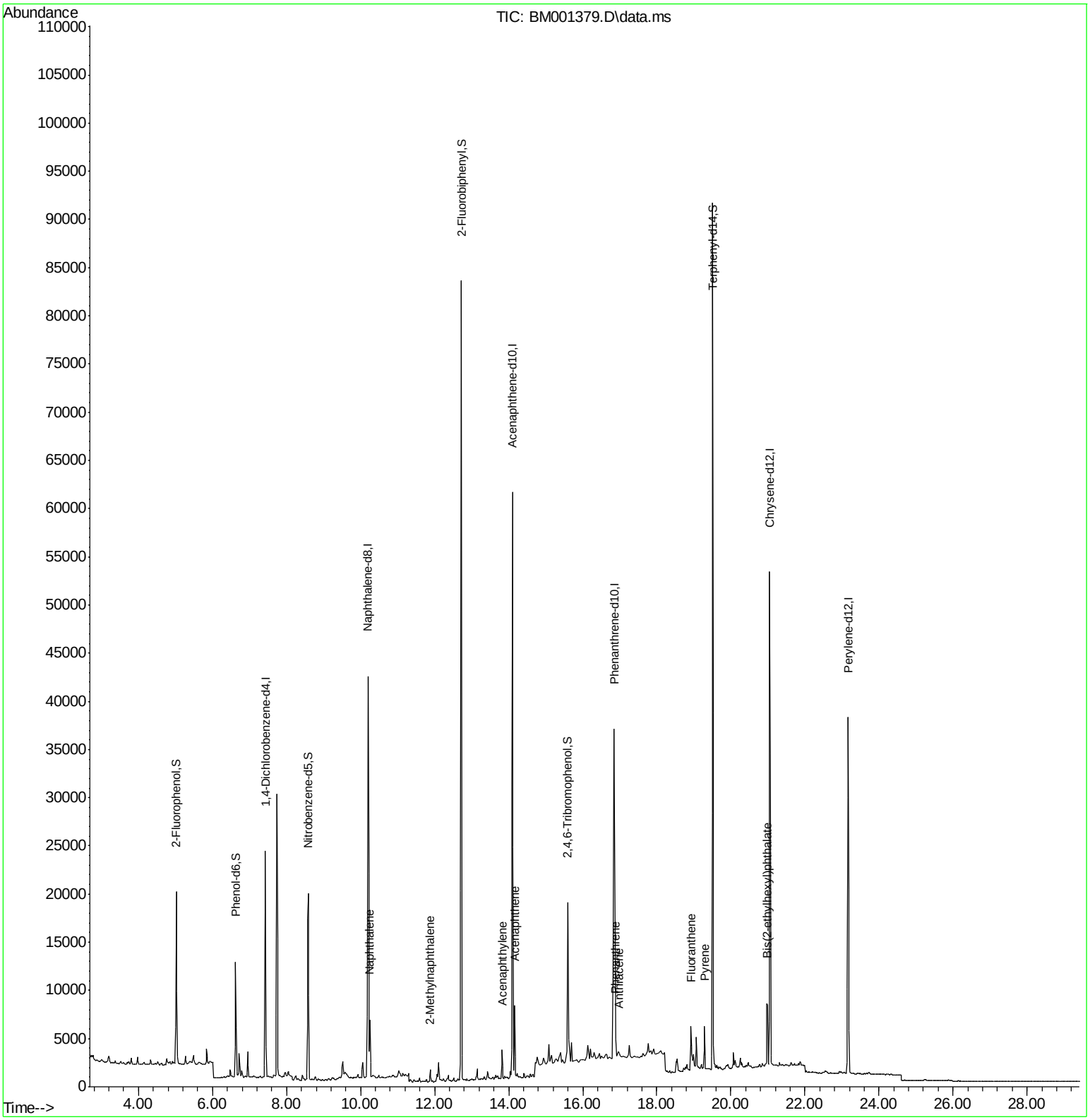
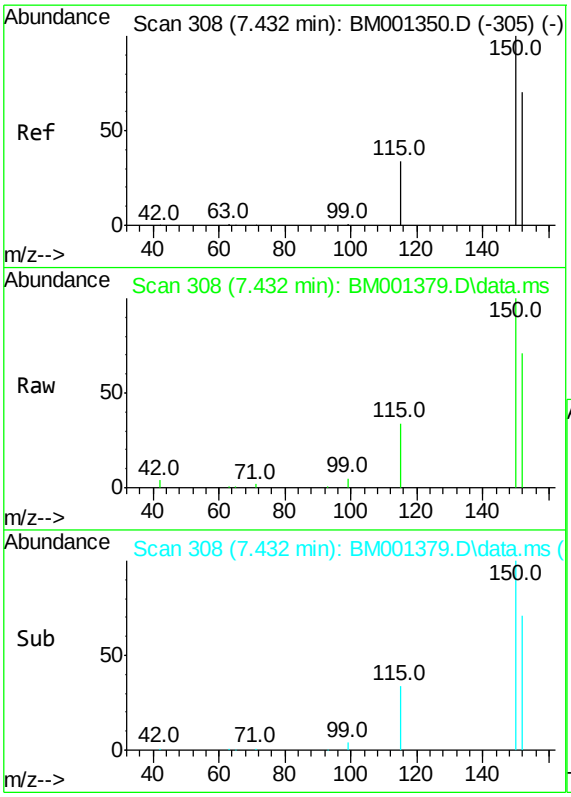


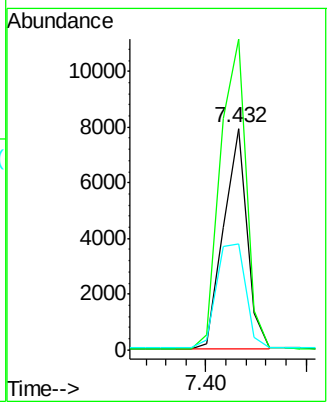
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

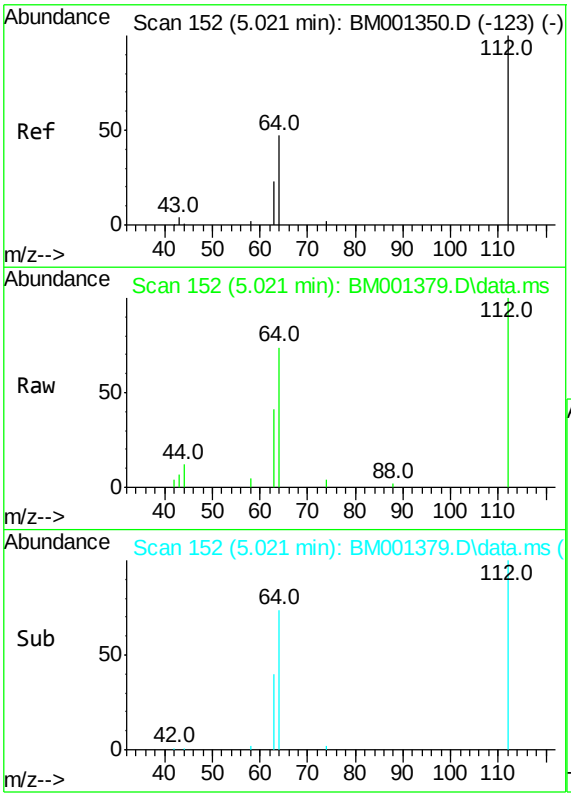


#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.432 min Scan# 308
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:152 Resp: 12773

Ion	Ratio	Lower	Upper
152	100		
150	140.1	114.1	171.1
115	47.8	39.2	58.8

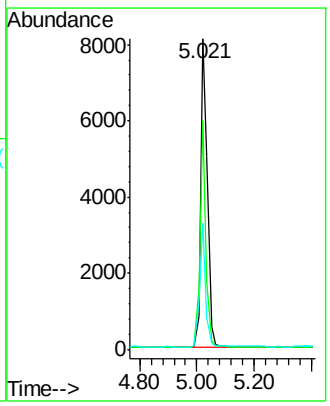




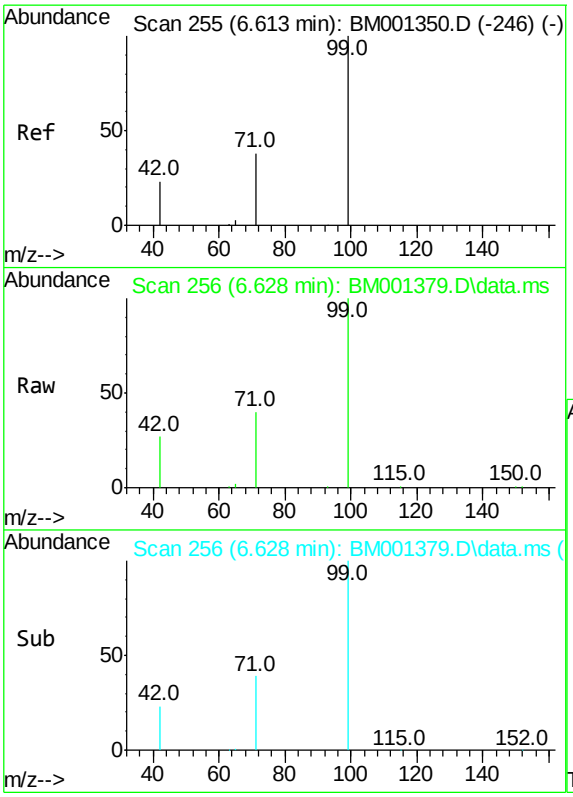
#4
2-Fluorophenol
Concen: 5.50 ng
RT: 5.021 min Scan# 152
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:112 Resp: 13637

Ion	Ratio	Lower	Upper
112	100		
64	64.4	52.9	79.3
63	36.1	29.6	44.4



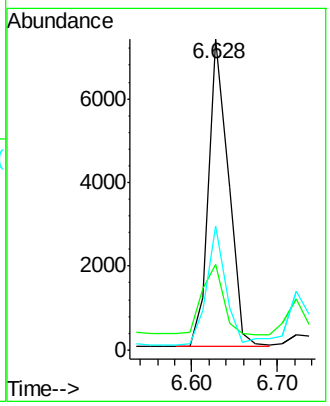
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

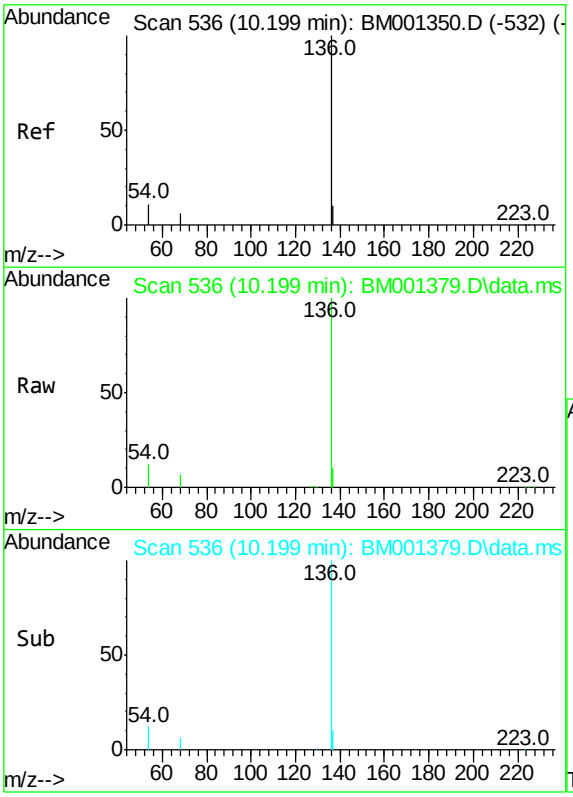


#5
Phenol-d6
Concen: 3.85 ng
RT: 6.628 min Scan# 256
Delta R.T. 0.015 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion: 99 Resp: 11892

Ion	Ratio	Lower	Upper
99	100		
42	25.5	21.4	32.2
71	37.5	29.0	43.4

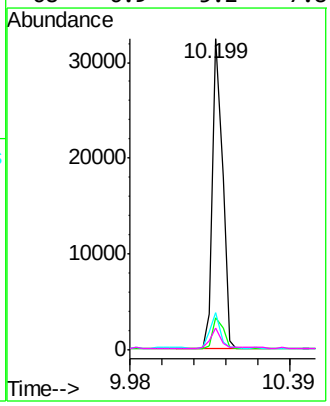




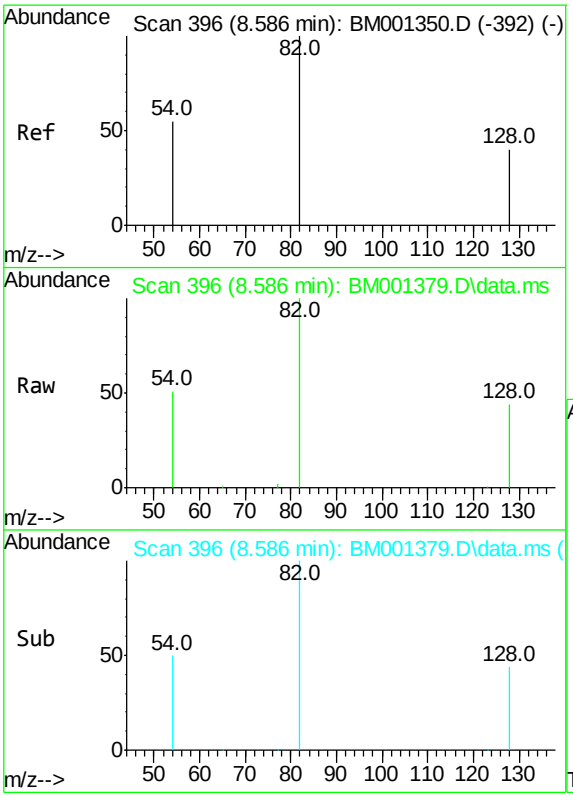
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.199 min Scan# 536
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:136 Resp: 56714

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	11.9	9.4	14.0
68	6.9	5.2	7.8



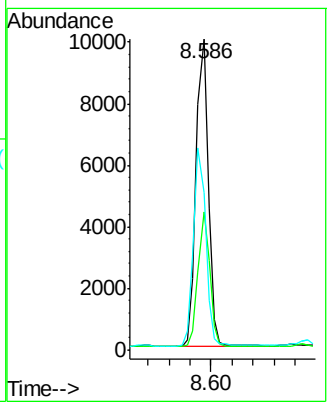
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

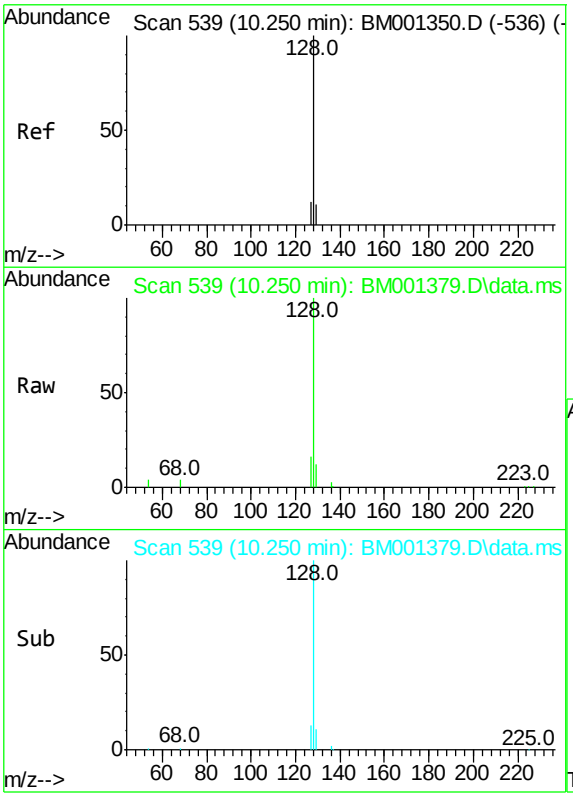


#7
Nitrobenzene-d5
Concen: 5.34 ng
RT: 8.586 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion: 82 Resp: 16330

Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.5	50.3
54	50.6	45.1	67.7

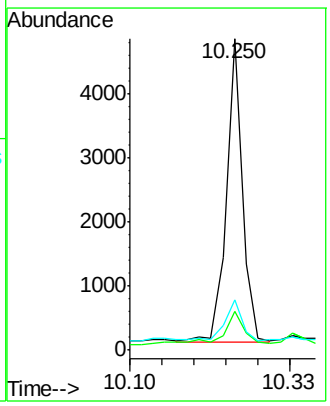




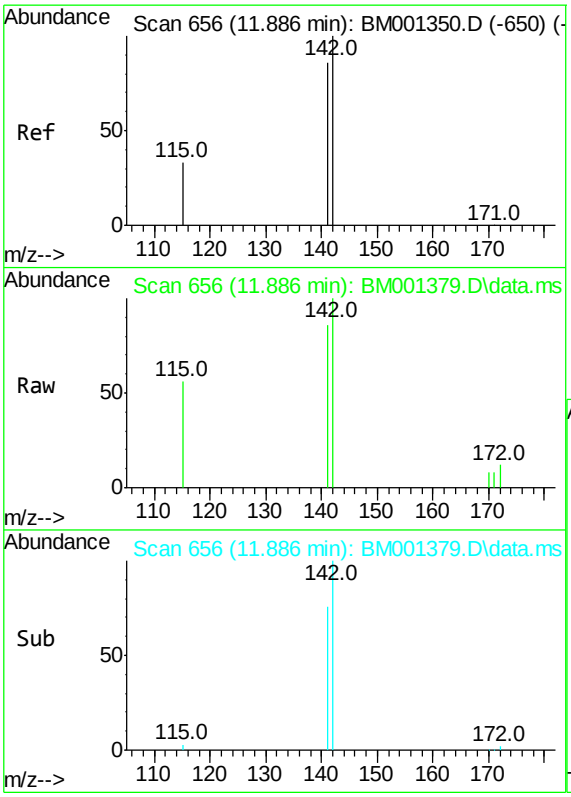
#9
Naphthalene
Concen: 0.63 ng
RT: 10.250 min Scan# 539
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:128 Resp: 7679

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.1	13.7
127	15.8	10.4	15.6#



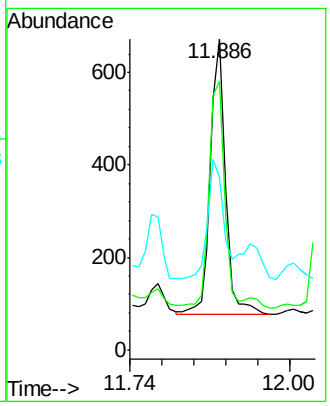
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

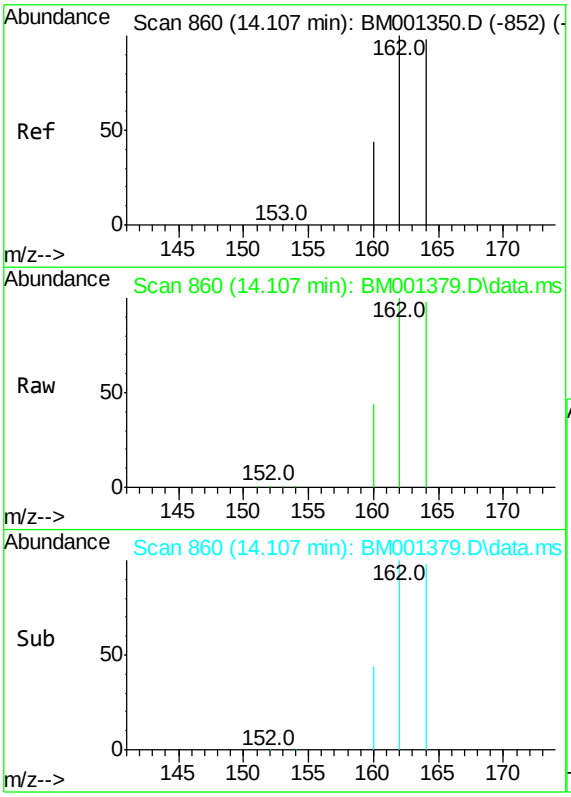


#11
2-Methylnaphthalene
Concen: 0.12 ng
RT: 11.886 min Scan# 656
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:142 Resp: 1044

Ion	Ratio	Lower	Upper
142	100		
141	86.3	69.0	103.4
115	55.7	27.1	40.7#

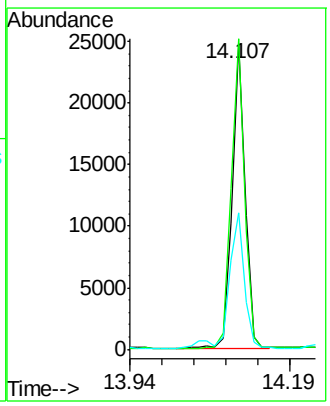




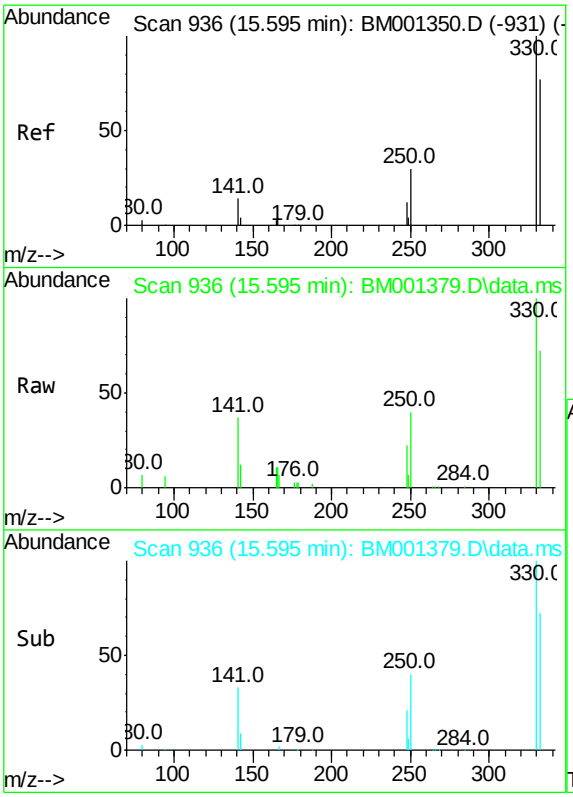
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.107 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:164 Resp: 34617

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.8	122.8
160	44.5	35.8	53.8



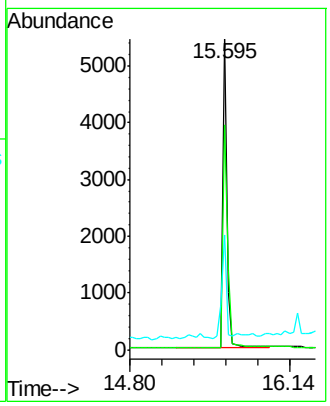
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

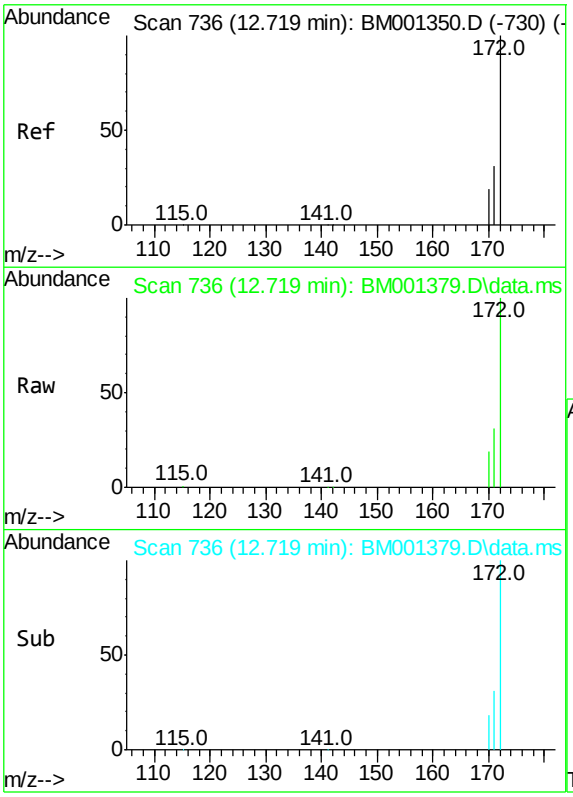


#13
2,4,6-Tribromophenol
Concen: 9.34 ng
RT: 15.595 min Scan# 936
Delta R.T. 0.001 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:330 Resp: 13425

Ion	Ratio	Lower	Upper
330	100		
332	83.2	65.4	98.2
141	38.1	20.2	30.4#

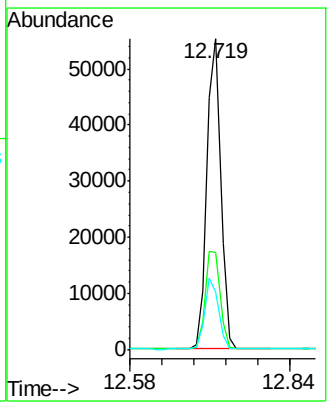


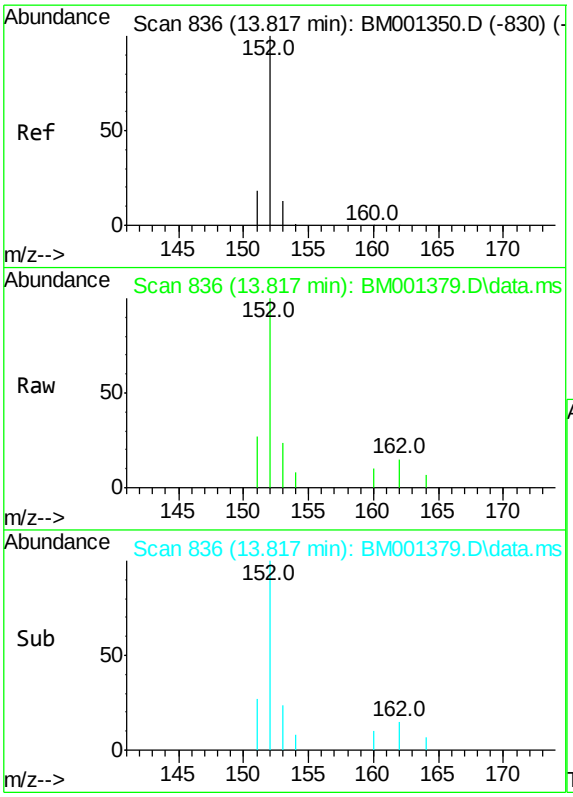


#14
2-Fluorobiphenyl
Concen: 8.01 ng
RT: 12.719 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:172 Resp: 82745

Ion	Ratio	Lower	Upper
172	100		
171	31.2	25.4	38.2
170	18.6	15.7	23.5

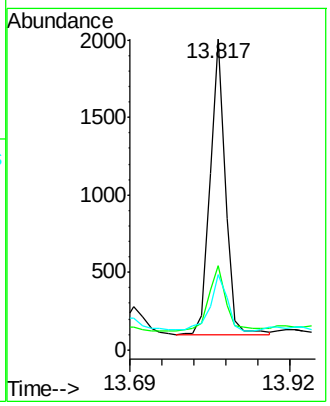




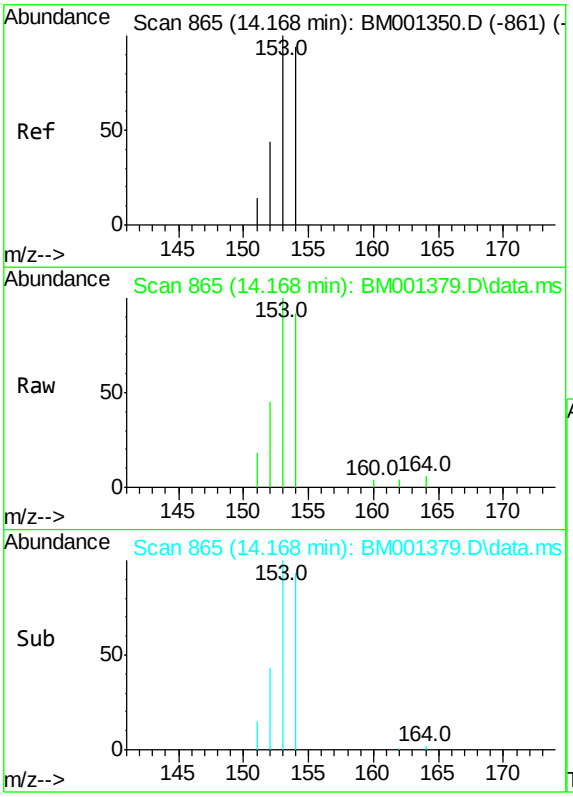
#15
Acenaphthylene
Concen: 0.20 ng
RT: 13.817 min Scan# 836
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:152 Resp: 2883

Ion	Ratio	Lower	Upper
152	100		
151	23.2	15.3	22.9#
153	21.0	10.3	15.5#



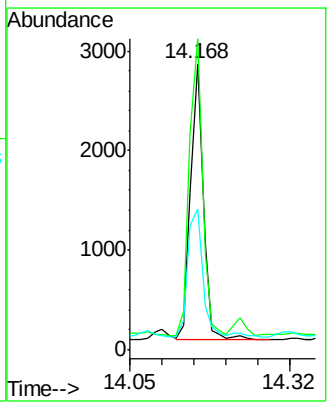
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201



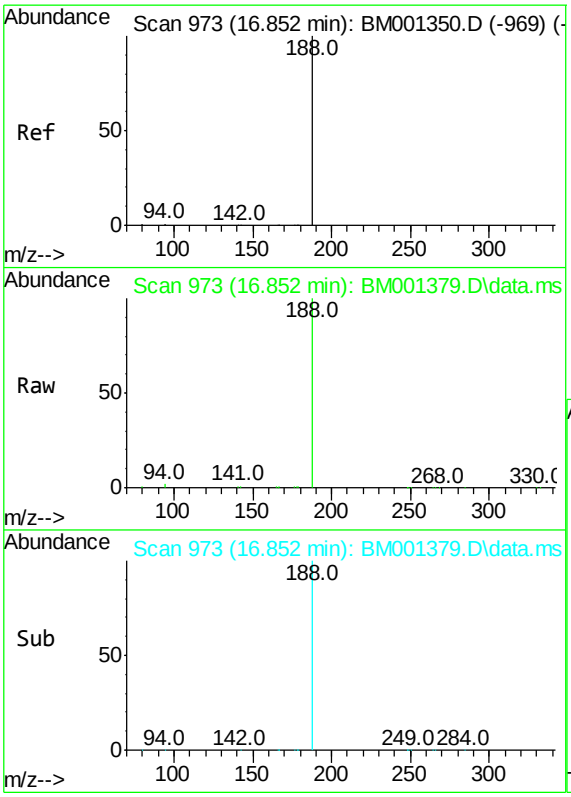
#16
Acenaphthene
Concen: 0.44 ng
RT: 14.168 min Scan# 865
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:154 Resp: 4068

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.6	135.8
152	53.5	43.6	65.4



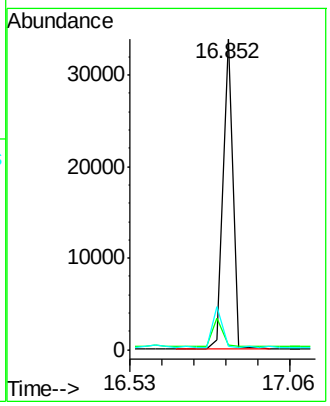
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

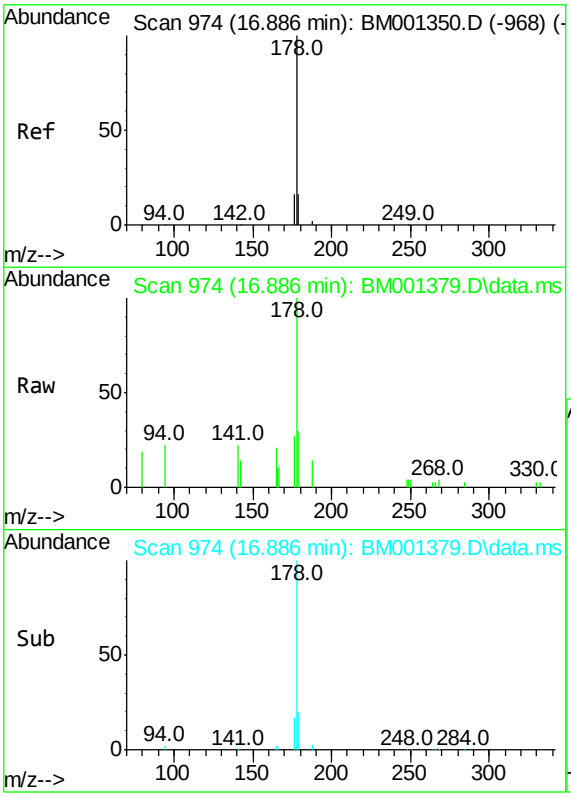


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.852 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:188 Resp: 71709

Ion	Ratio	Lower	Upper
188	100		
94	1.5	0.6	1.0#
80	1.2	0.6	0.8#

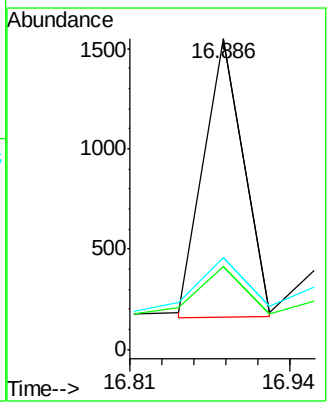


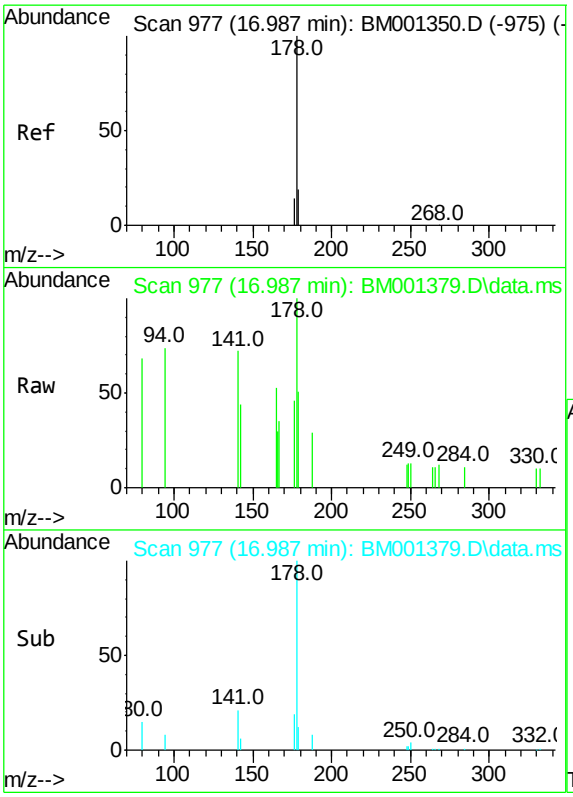


#22
Phenanthrene
Concen: 0.11 ng m
RT: 16.886 min Scan# 974
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:178 Resp: 2876

Ion	Ratio	Lower	Upper
178	100		
176	31.0	16.6	25.0#
179	37.3	12.8	19.2#

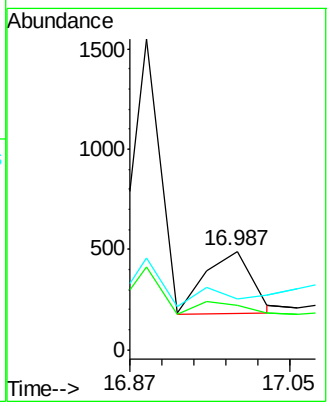




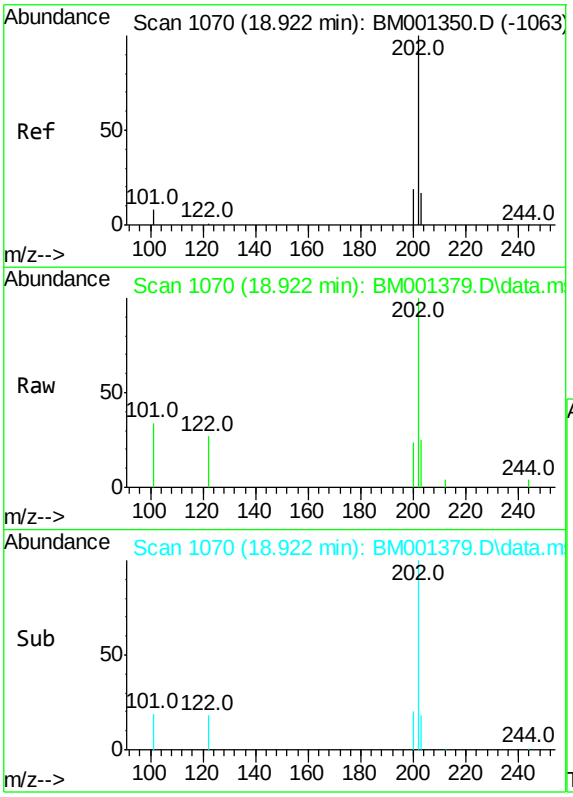
#23
Anthracene
Concen: 0.12 ng m
RT: 16.987 min Scan# 977
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:178 Resp: 1150

Ion	Ratio	Lower	Upper
178	100		
176	75.9	46.1	69.1#
179	95.9	35.4	53.0#



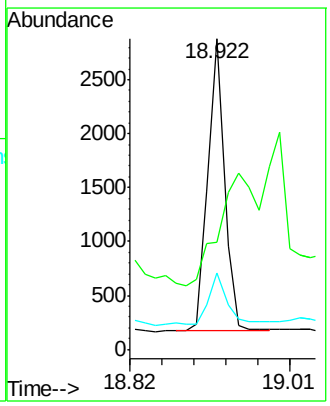
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201



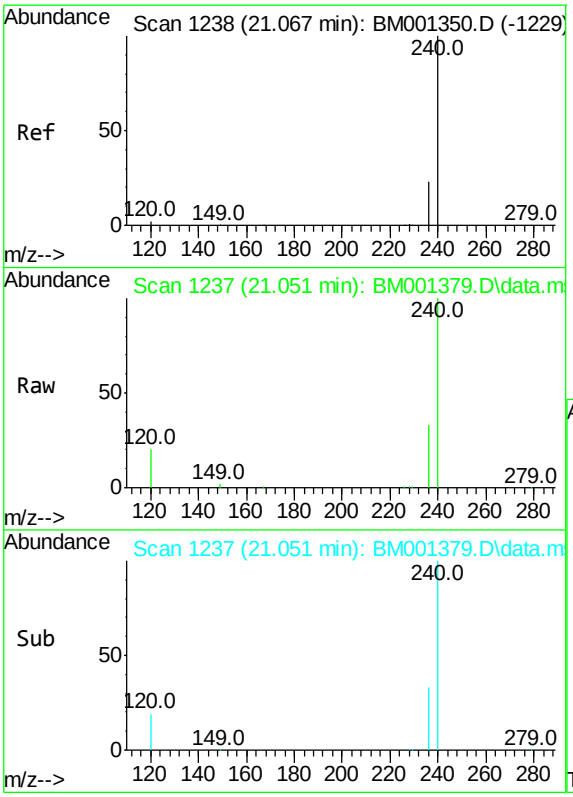
#24
Fluoranthene
Concen: 0.17 ng
RT: 18.922 min Scan# 1070
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:202 Resp: 3576

Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.7	13.1#
203	21.1	13.8	20.6#



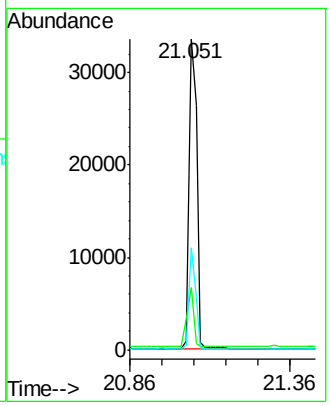
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

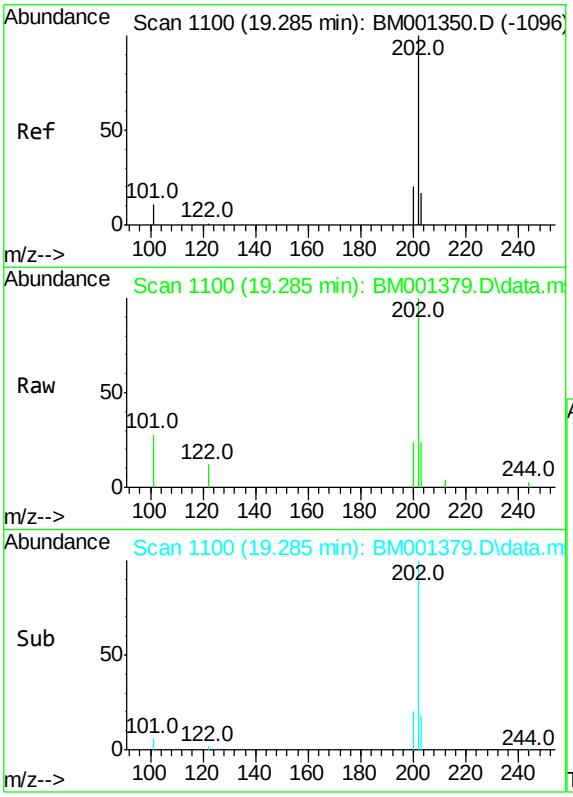


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.051 min Scan# 1237
Delta R.T. -0.015 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:240 Resp: 57407

Ion	Ratio	Lower	Upper
240	100		
120	20.1	1.6	2.4#
236	33.0	18.5	27.7#

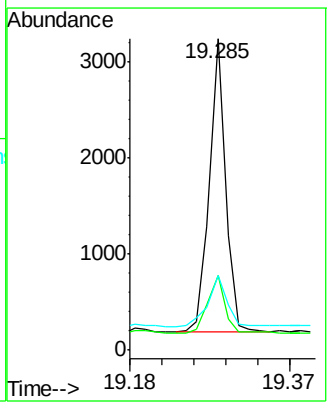




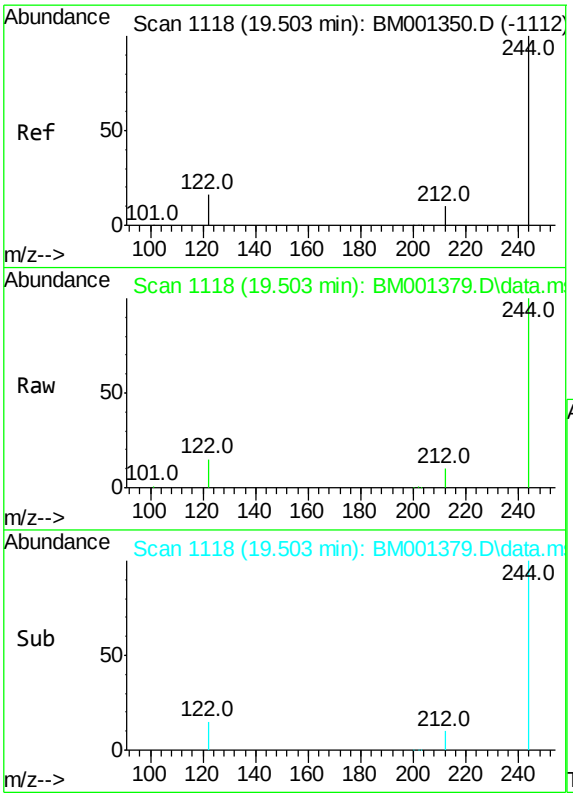
#26
Pyrene
Concen: 0.22 ng
RT: 19.285 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:202 Resp: 3916

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.2	24.4
203	21.3	13.9	20.9#



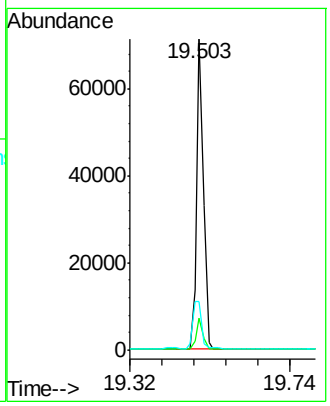
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

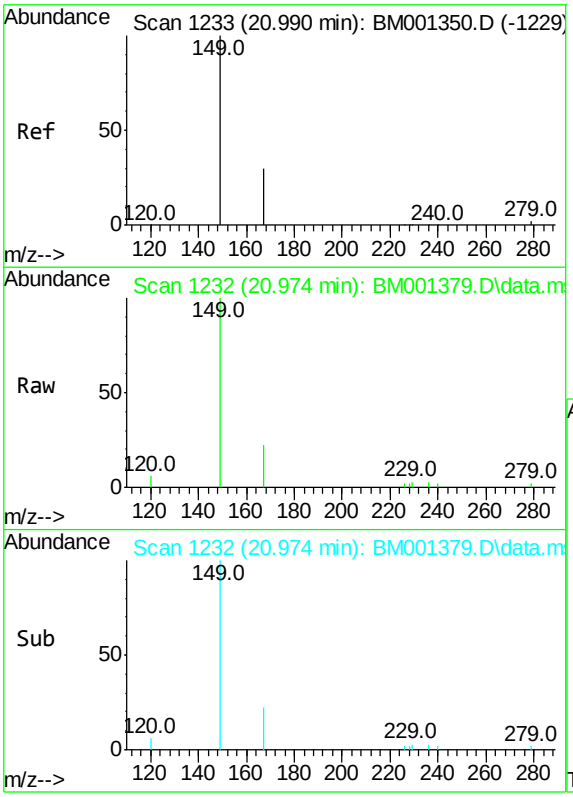


#27
Terphenyl-d14
Concen: 11.61 ng
RT: 19.503 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:244 Resp: 87705

Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.5	12.7
122	15.5	13.4	20.2

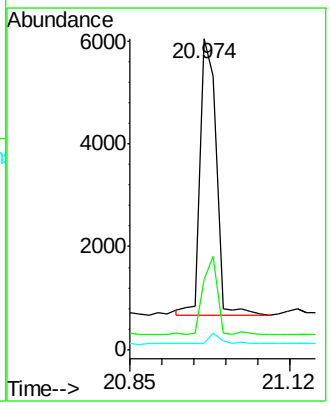


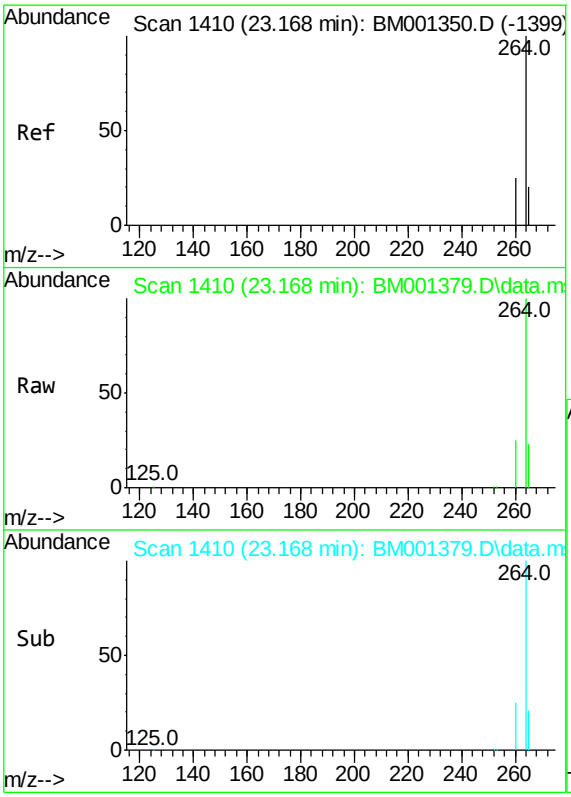


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.13 ng
RT: 20.974 min Scan# 1232
Delta R.T. -0.015 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:149 Resp: 9961

Ion	Ratio	Lower	Upper
149	100		
167	24.1	21.6	32.4
279	3.2	1.9	2.9#

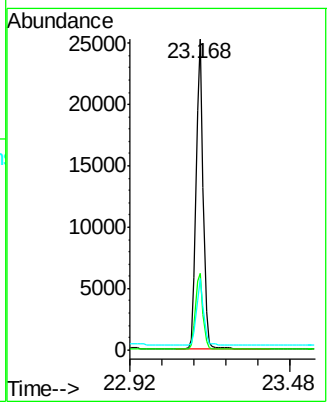




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.168 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:264 Resp: 42812

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	23.0	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
RAV-GT-201