Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
Data File : BM001378.D
Acq On : 22 May 2015 02:29
Operator : TP/IZ
Sample : G2255-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-150518

Quant Time: May 22 05:34:18 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	7.448	152	15576	5.00	ng	0.02
6) Naphthalene-d8	10.233	136	80116	5.00	ng	# 0.03
12) Acenaphthene-d10	14.119	164	44516	5.00	ng	# 0.01
18) Phenanthrene-d10	16.852	188	105385	5.00	ng	# 0.00
25) Chrysene-d12	21.067	240	52878	5.00	ng	# 0.00
32) Perylene-d12	23.168	264	40232	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.742	112	1543276	510.11	ng	-0.28
5) Phenol-d6	6.705	99	35026	9.30	ng	0.09
7) Nitrobenzene-d5	8.607	82	38462	8.90	ng	0.02
13) 2,4,6-Tribromophenol	15.629	330	18212	9.84	ng	0.03
14) 2-Fluorobiphenyl	12.740	172	93030	7.01	ng	0.02
27) Terphenyl-d14	19.515	244	75588	10.87	ng	0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.212	42	419740	238.83	ng	# 5
8) Nitrobenzene	8.627	77	14676	2.79	ng	# 1
9) Naphthalene	10.267	128	1219566	71.34	ng	98
11) 2-Methylnaphthalene	11.917	142	83705	6.89	ng	97
15) Acenaphthylene	13.841	152	1614	0.09	ng	# 58
16) Acenaphthene	14.192	154	685	0.06	ng	# 49
17) Fluorene	15.153	166	2207	0.23	ng	# 64
19) 4-Bromophenyl-phenylether	15.833	248	49	Below Cal		# 15
21) Pentachlorophenol	16.512	266	467	0.49	ng	# 88
22) Phenanthrene	16.886	178	1985	0.05	ng	# 1
23) Anthracene	16.886	178	1985	0.14	ng	# 1
26) Pyrene	19.285	202	679	0.04	ng	# 1
28) Benzo(a)anthracene	21.067	228	627	0.04	ng	# 1
29) Chrysene	21.067	228	627	0.04	ng	# 1
30) Bis(2-ethylhexyl)phtha...	20.990	149	81185	8.50	ng	100

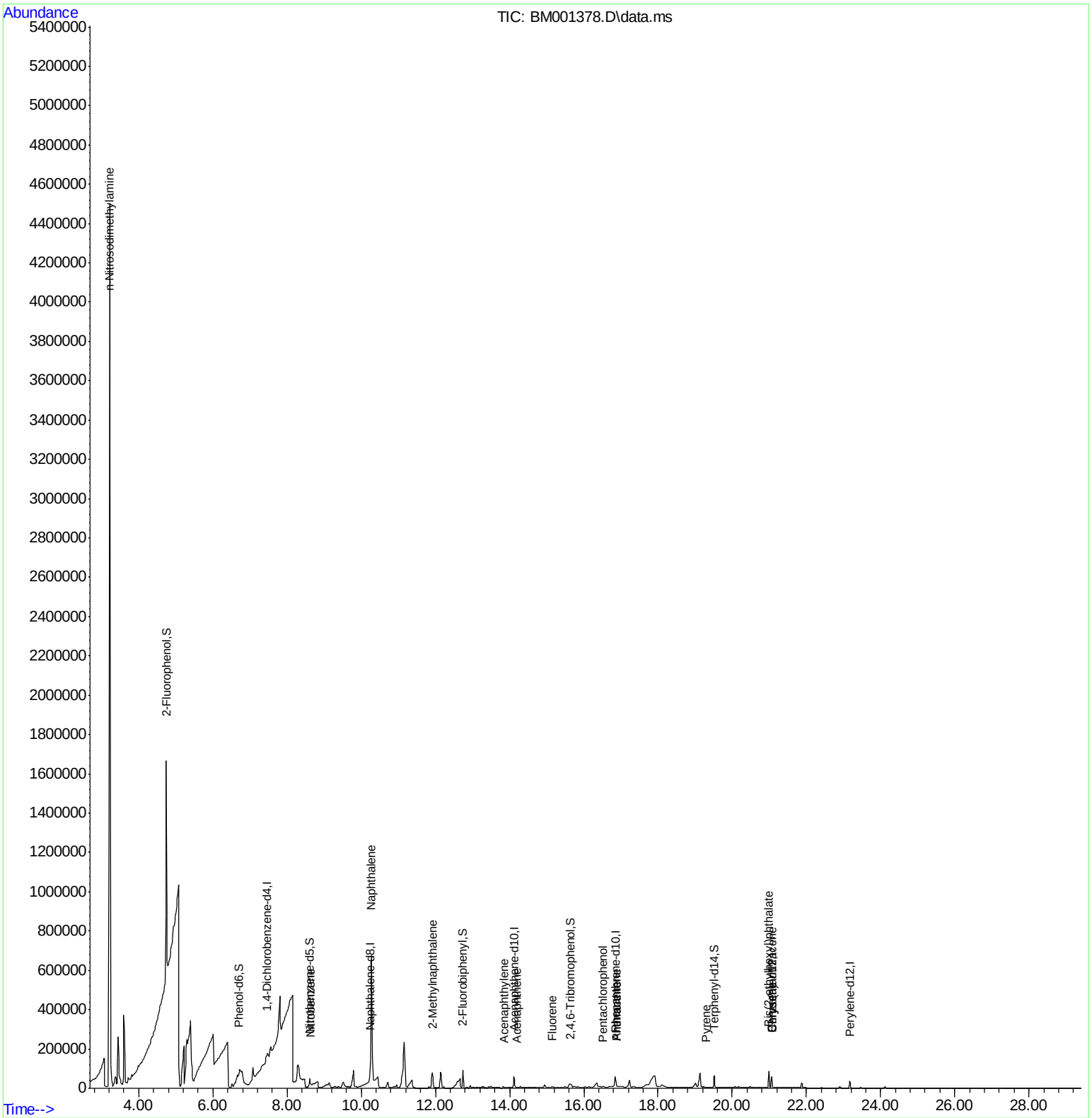
(#) = qualifier out of range (m) = manual integration (+) = signals summed

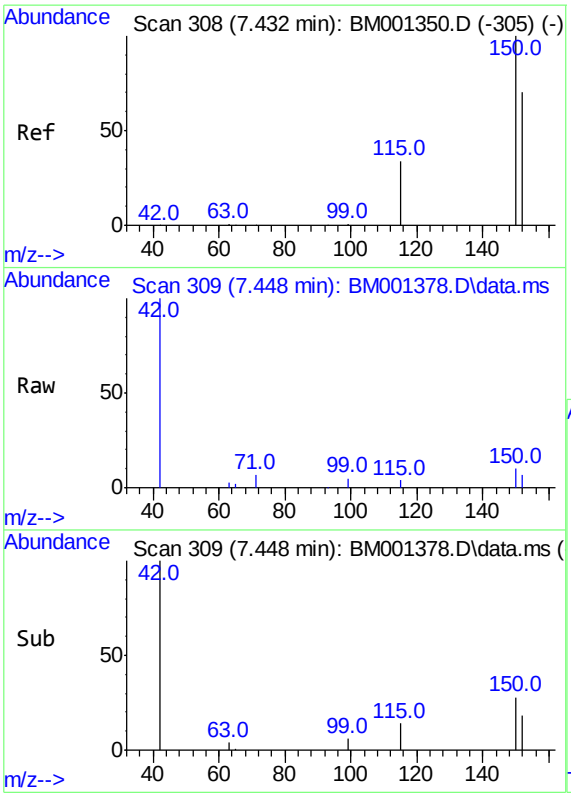
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
Data File : BM001378.D
Acq On : 22 May 2015 02:29
Operator : TP/IZ
Sample : G2255-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

Quant Time: May 22 05:34:18 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

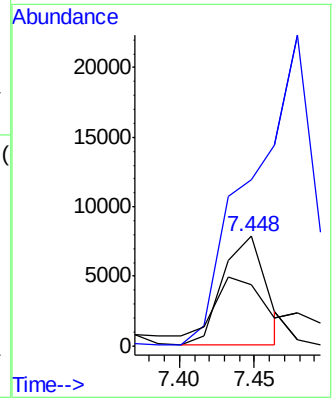




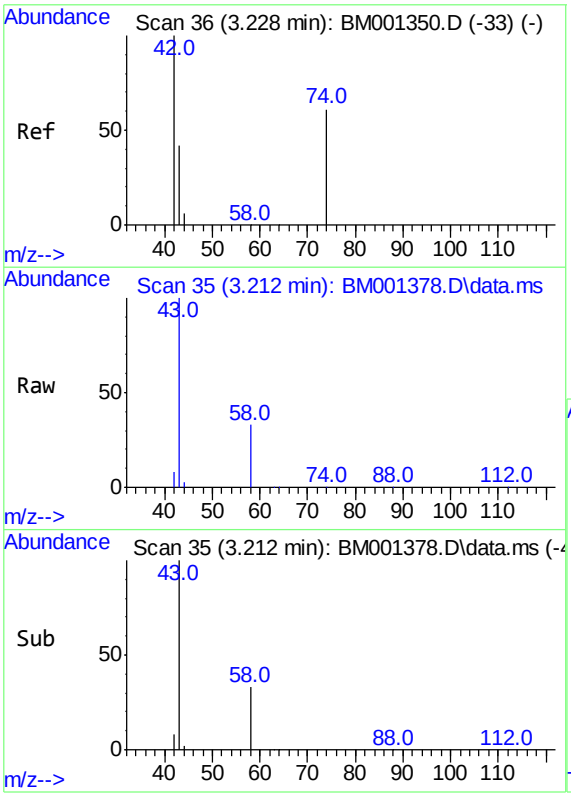
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.448 min Scan# 309
Delta R.T. 0.015 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:152 Resp: 15576

Ion	Ratio	Lower	Upper
152	100		
150	152.1	114.1	171.1
115	56.0	39.2	58.8



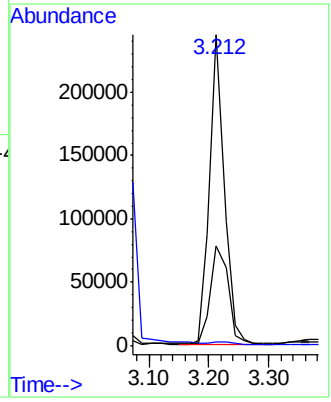
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

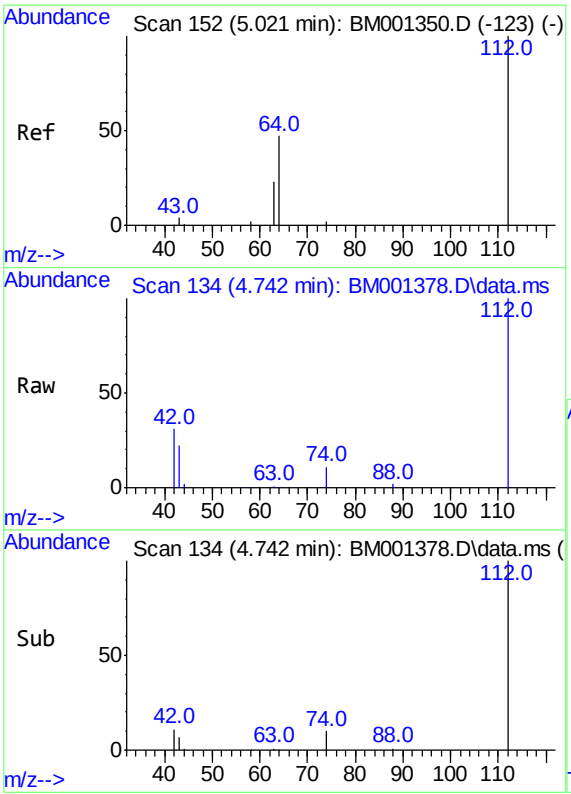


#3
n-Nitrosodimethylamine
Concen: 238.83 ng
RT: 3.212 min Scan# 35
Delta R.T. -0.015 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion: 42 Resp: 419740

Ion	Ratio	Lower	Upper
42	100		
74	0.0	70.0	105.0#
44	37.1	3.6	5.4#

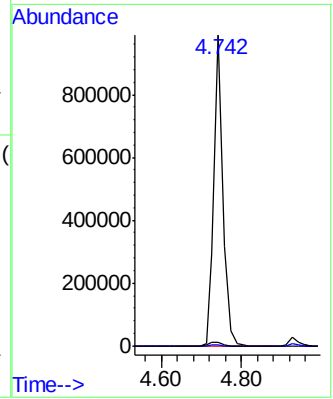




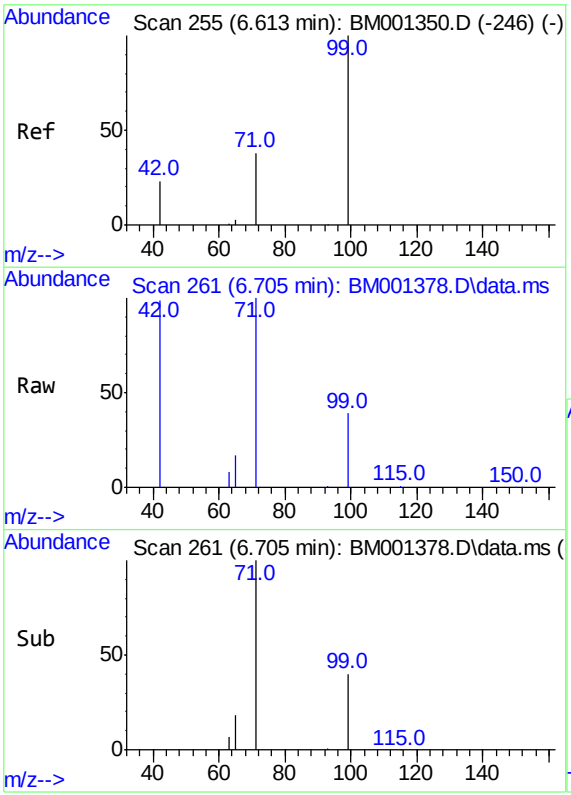
#4
2-Fluorophenol
Concen: 510.11 ng
RT: 4.742 min Scan# 134
Delta R.T. -0.278 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:112 Resp: 1543276

Ion	Ratio	Lower	Upper
112	100		
64	0.2	52.9	79.3#
63	1.7	29.6	44.4#



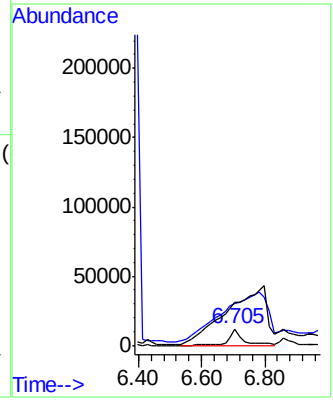
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518



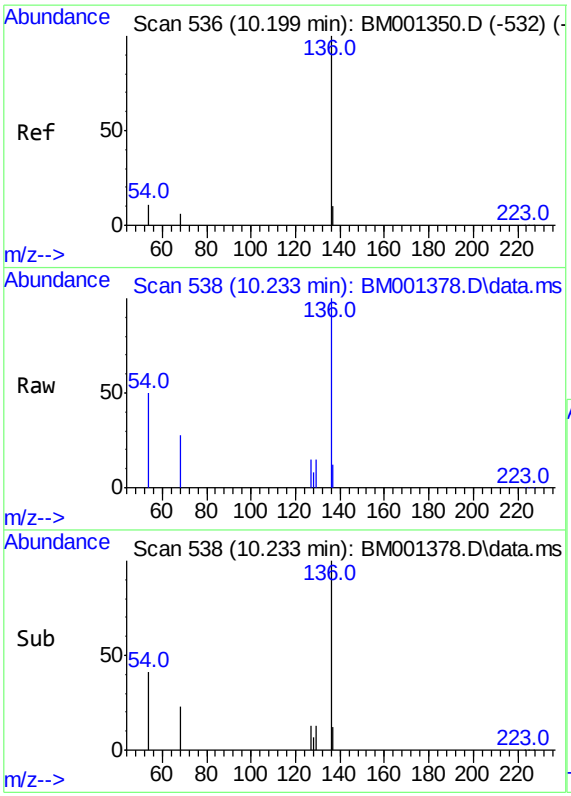
#5
Phenol-d6
Concen: 9.30 ng
RT: 6.705 min Scan# 261
Delta R.T. 0.093 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion: 99 Resp: 35026

Ion	Ratio	Lower	Upper
99	100		
42	0.0	21.4	32.2#
71	0.0	29.0	43.4#



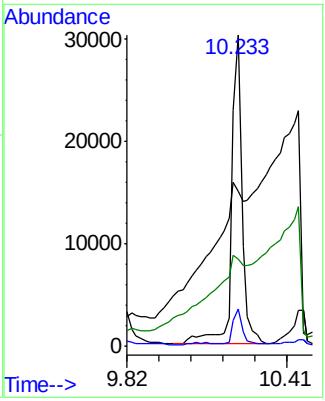
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

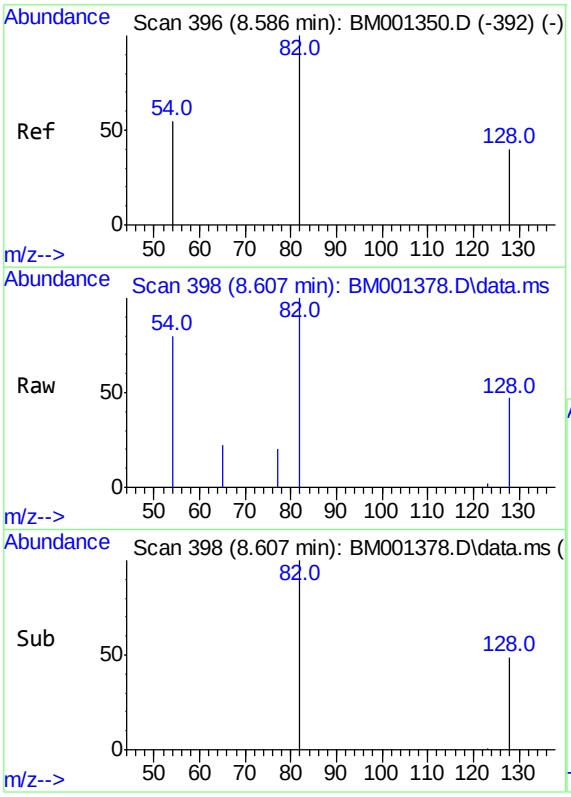


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.233 min Scan# 538
Delta R.T. 0.034 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:136 Resp: 80116

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.4
54	49.6	9.4	14.0#
68	27.9	5.2	7.8#

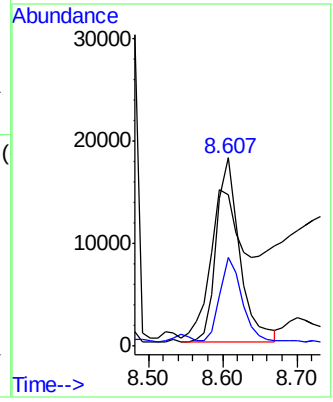




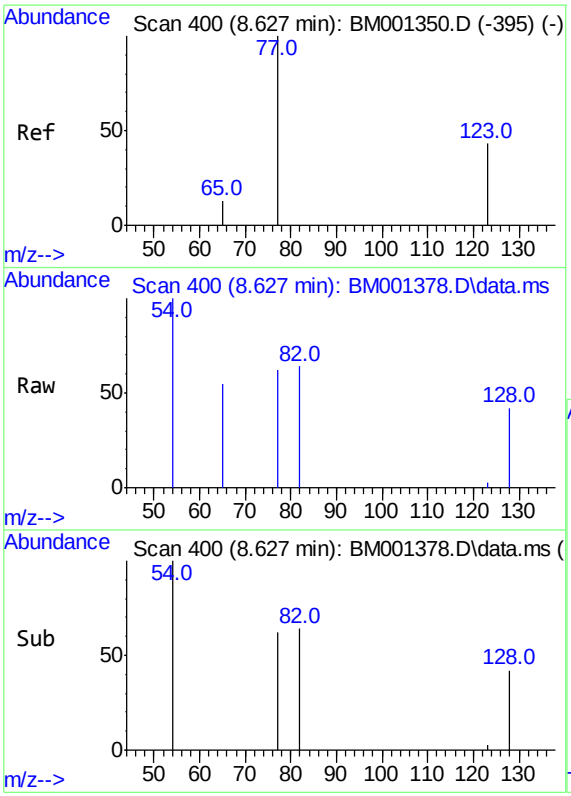
#7
Nitrobenzene-d5
Concen: 8.90 ng
RT: 8.607 min Scan# 398
Delta R.T. 0.021 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion: 82 Resp: 38462

Ion	Ratio	Lower	Upper
82	100		
128	47.0	33.5	50.3
54	80.1	45.1	67.7#



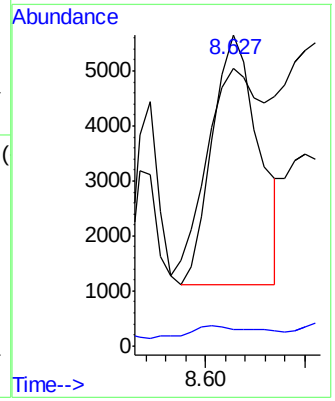
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

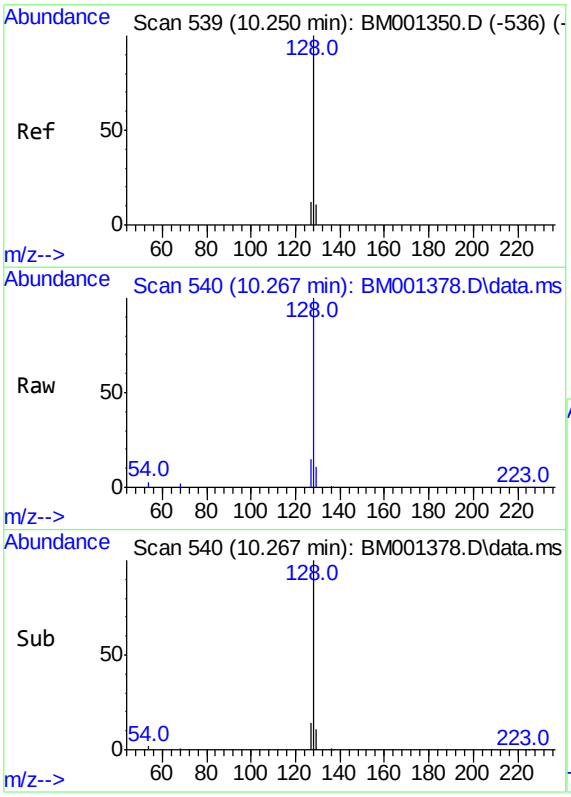


#8
Nitrobenzene
Concen: 2.79 ng
RT: 8.627 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion: 77 Resp: 14676

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.6	50.4#
65	96.5	11.3	16.9#

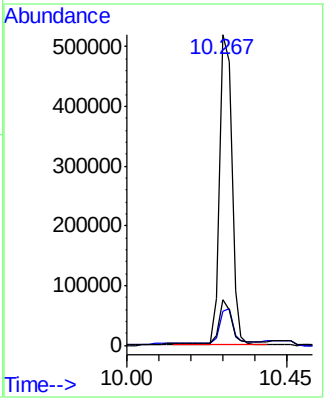




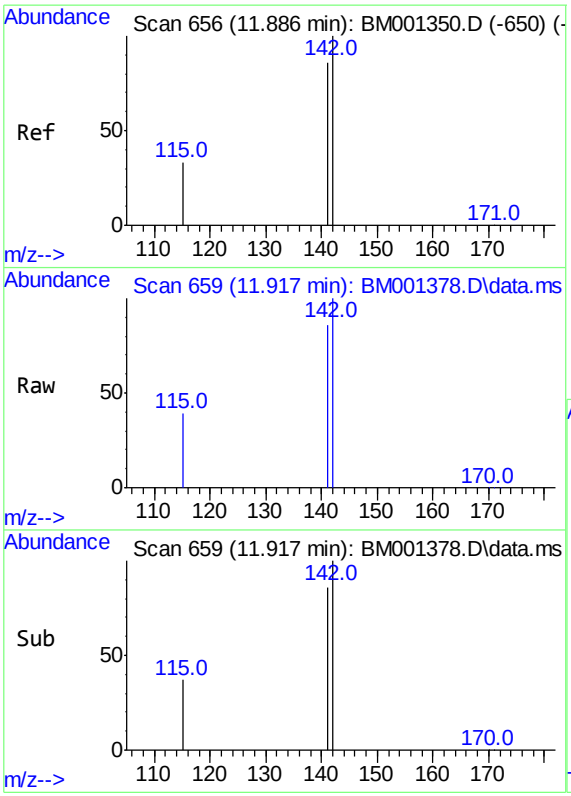
#9
Naphthalene
Concen: 71.34 ng
RT: 10.267 min Scan# 540
Delta R.T. 0.017 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:128 Resp: 1219566

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	14.6	10.4	15.6



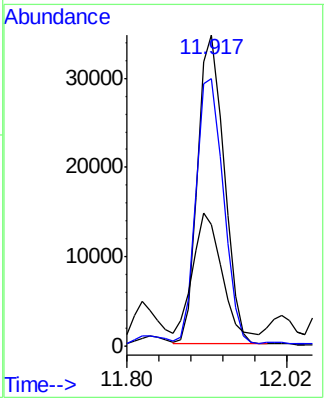
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

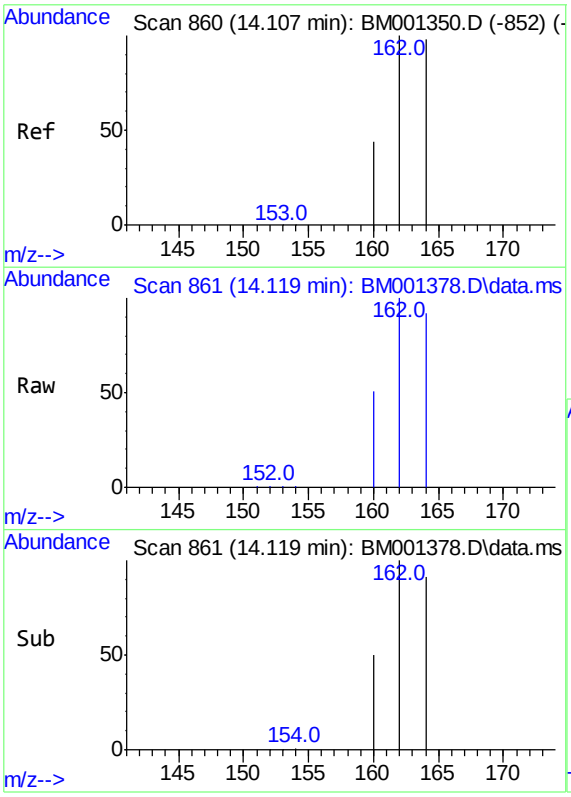


#11
2-Methylnaphthalene
Concen: 6.89 ng
RT: 11.917 min Scan# 659
Delta R.T. 0.031 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:142 Resp: 83705

Ion	Ratio	Lower	Upper
142	100		
141	86.1	69.0	103.4
115	39.0	27.1	40.7

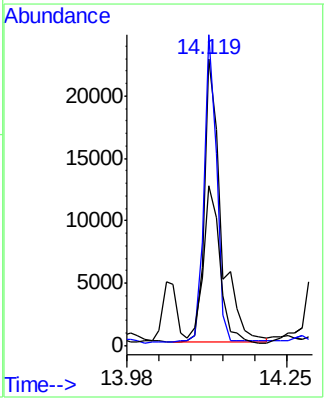


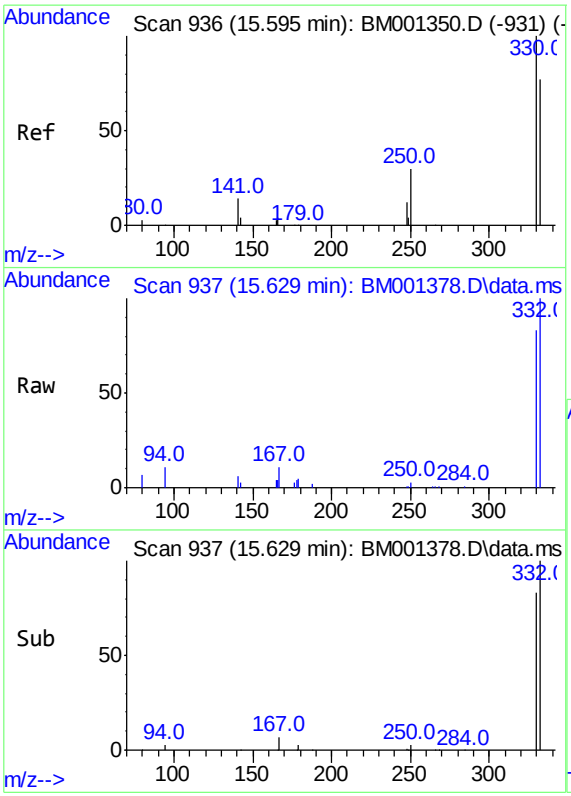


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.119 min Scan# 861
Delta R.T. 0.012 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:164 Resp: 44516

Ion	Ratio	Lower	Upper
164	100		
162	108.5	81.8	122.8
160	55.7	35.8	53.8#

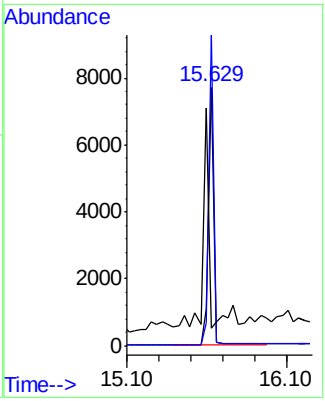




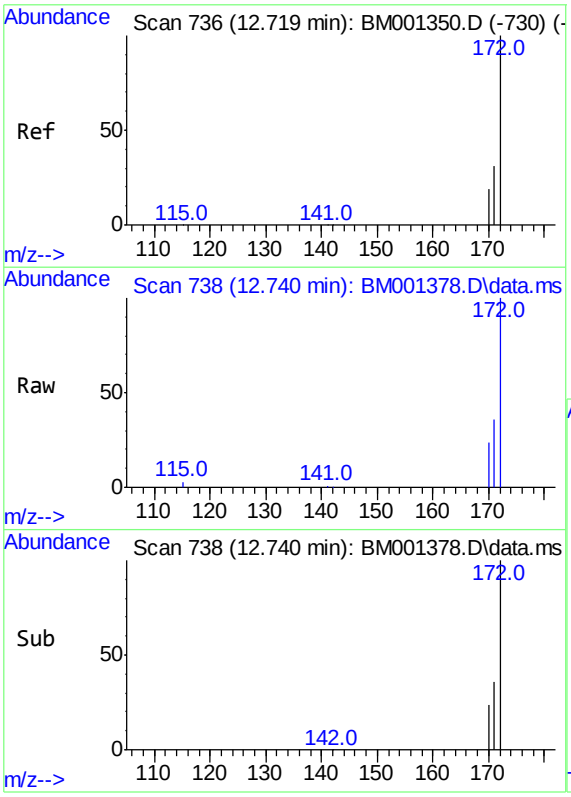
#13
2,4,6-Tribromophenol
Concen: 9.84 ng
RT: 15.629 min Scan# 937
Delta R.T. 0.035 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:330 Resp: 18212

Ion	Ratio	Lower	Upper
330	100		
332	112.9	65.4	98.2#
141	0.0	20.2	30.4#



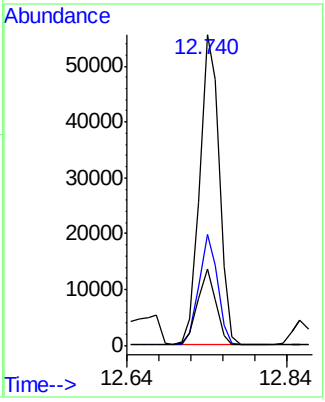
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

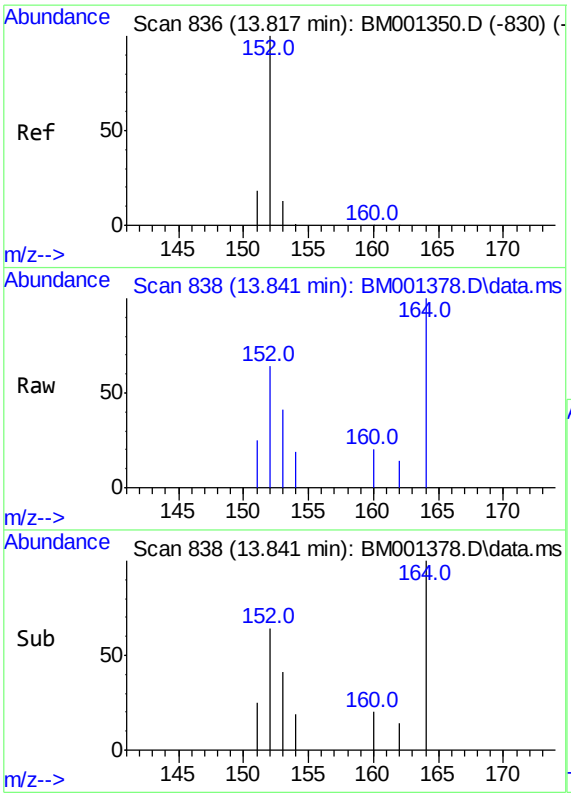


#14
2-Fluorobiphenyl
Concen: 7.01 ng
RT: 12.740 min Scan# 738
Delta R.T. 0.021 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:172 Resp: 93030

Ion	Ratio	Lower	Upper
172	100		
171	35.6	25.4	38.2
170	24.4	15.7	23.5#

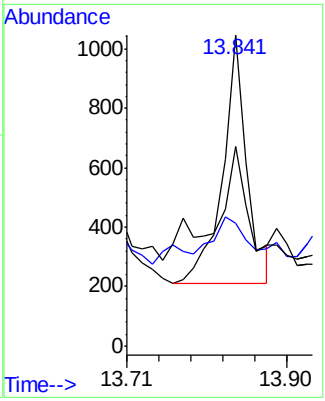




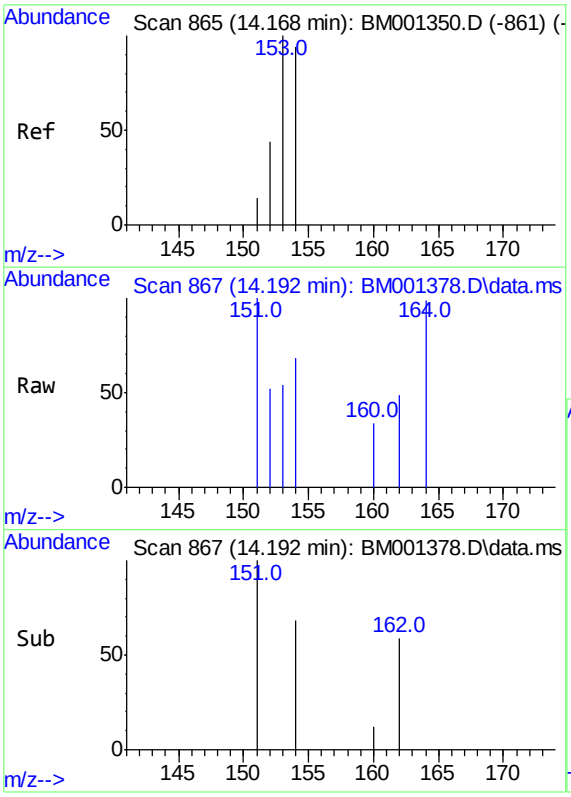
#15
Acenaphthylene
Concen: 0.09 ng
RT: 13.841 min Scan# 838
Delta R.T. 0.024 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:152 Resp: 1614

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	54.0	10.3	15.5#



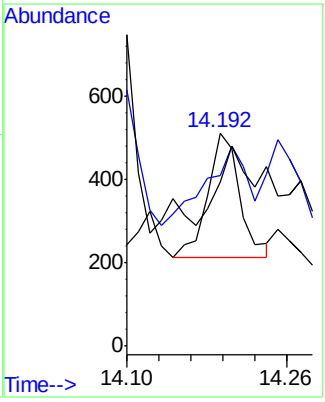
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518



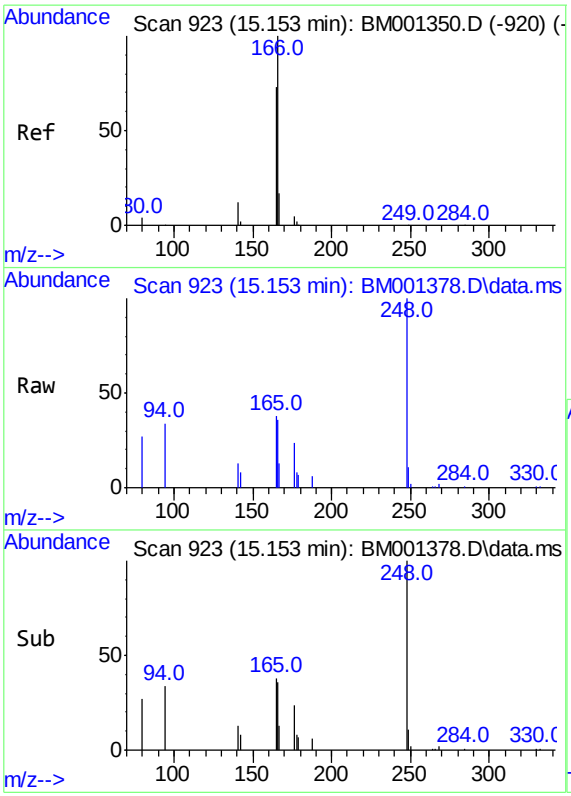
#16
Acenaphthene
Concen: 0.06 ng
RT: 14.192 min Scan# 867
Delta R.T. 0.024 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:154 Resp: 685

Ion	Ratio	Lower	Upper
154	100		
153	81.0	90.6	135.8#
152	123.2	43.6	65.4#



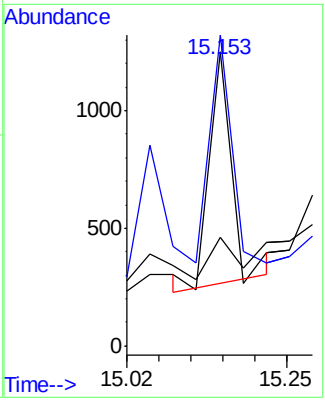
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

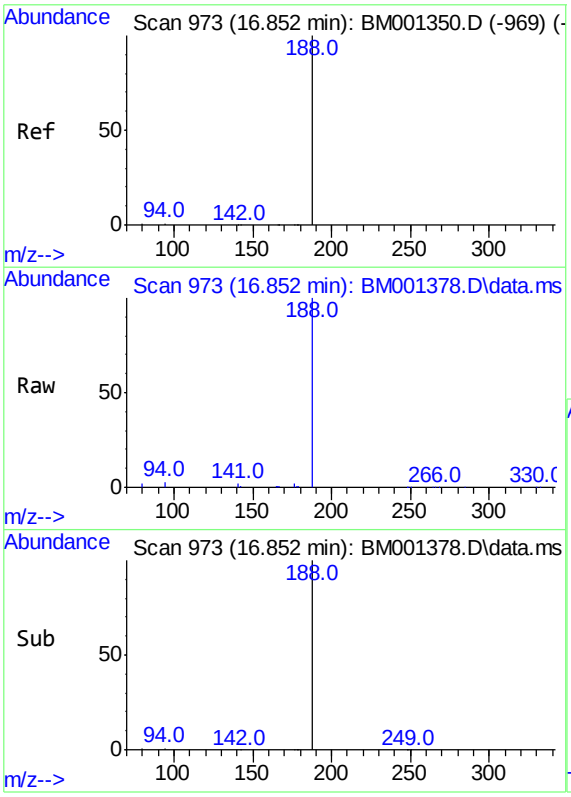


#17
Fluorene
Concen: 0.23 ng
RT: 15.153 min Scan# 923
Delta R.T. -0.000 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:166 Resp: 2207

Ion	Ratio	Lower	Upper
166	100		
165	123.3	72.5	108.7#
167	0.0	16.0	24.0#

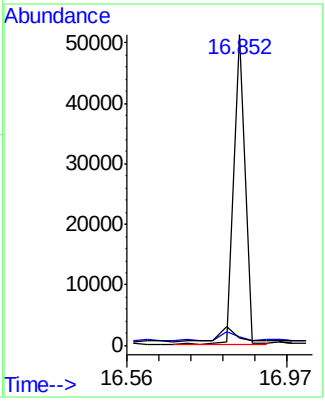




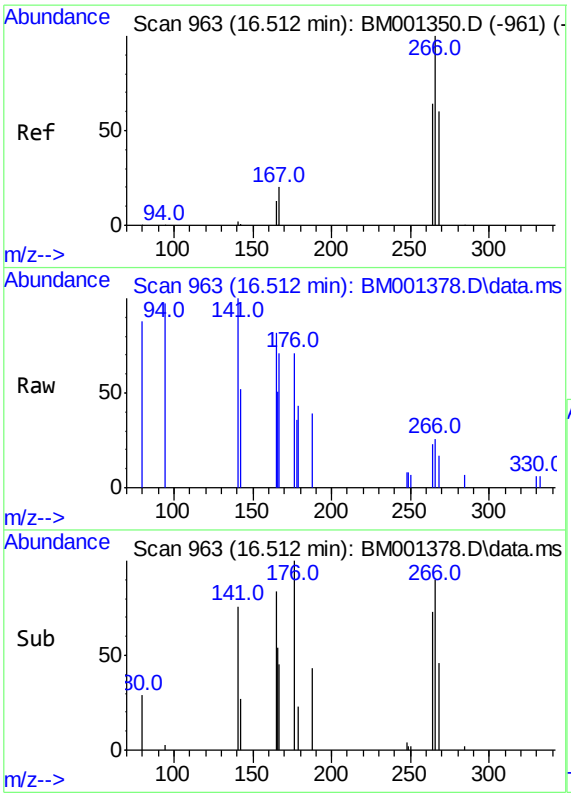
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.852 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:188 Resp: 105385

Ion	Ratio	Lower	Upper
188	100		
94	2.8	0.6	1.0#
80	2.5	0.6	0.8#



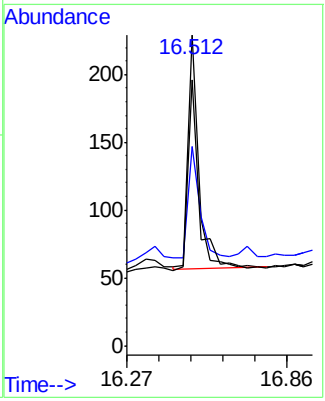
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

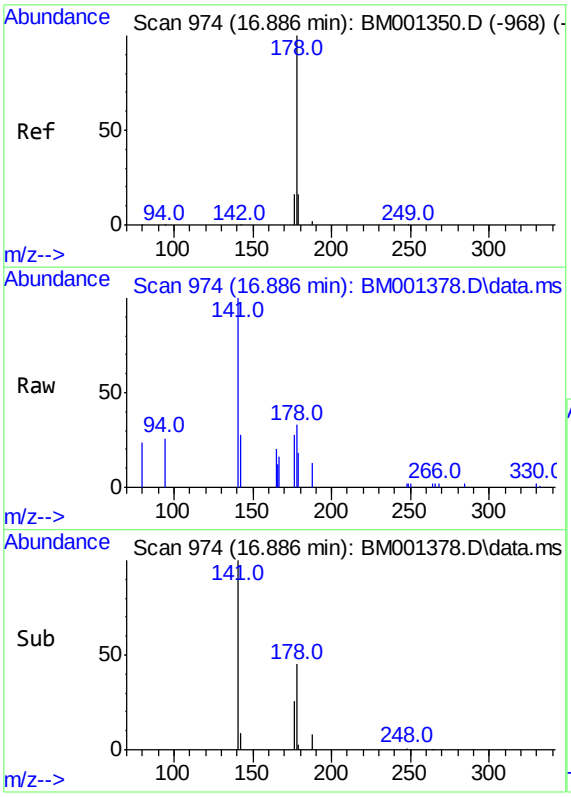


#21
Pentachlorophenol
Concen: 0.49 ng
RT: 16.512 min Scan# 963
Delta R.T. 0.001 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:266 Resp: 467

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.2	76.8
264	85.6	53.7	80.5#

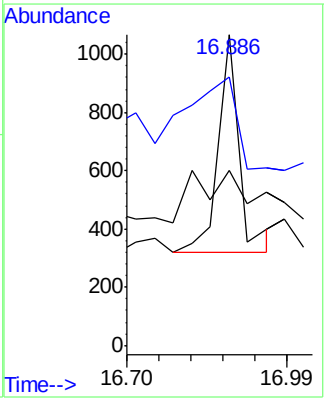




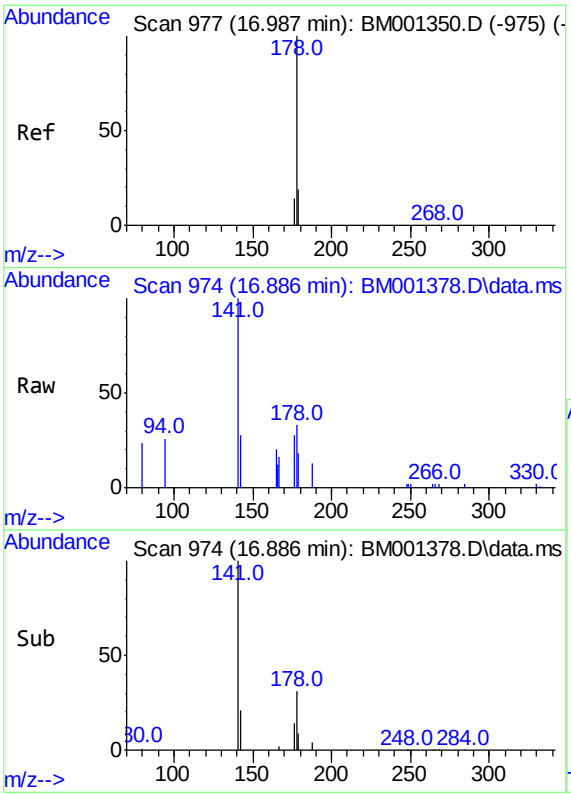
#22
Phenanthrene
Concen: 0.05 ng
RT: 16.886 min Scan# 974
Delta R.T. -0.000 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:178 Resp: 1985

Ion	Ratio	Lower	Upper
178	100		
176	180.5	16.6	25.0#
179	0.0	12.8	19.2#



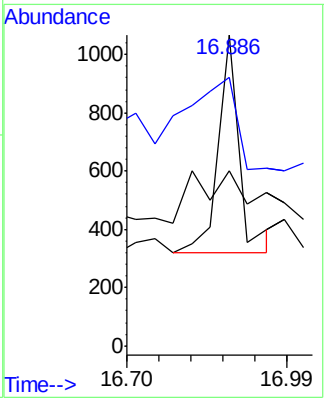
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

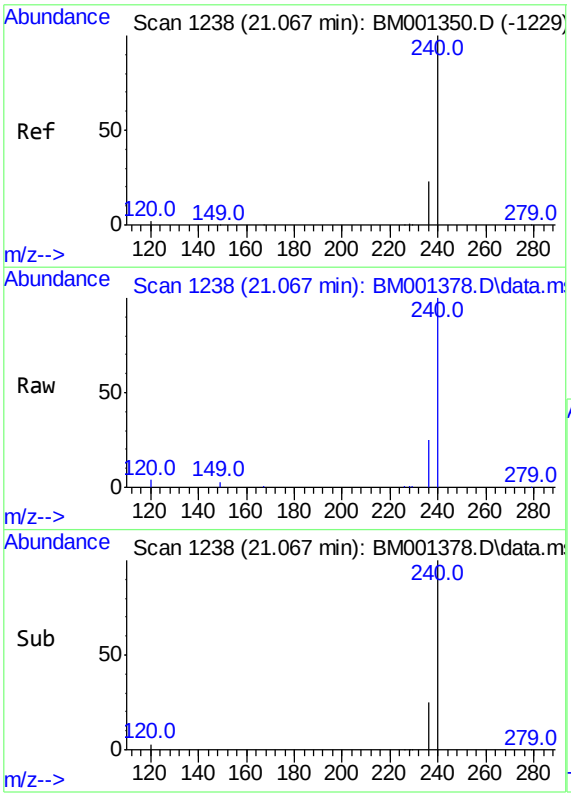


#23
Anthracene
Concen: 0.14 ng
RT: 16.886 min Scan# 974
Delta R.T. -0.102 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:178 Resp: 1985

Ion	Ratio	Lower	Upper
178	100		
176	180.5	46.1	69.1#
179	0.0	35.4	53.0#

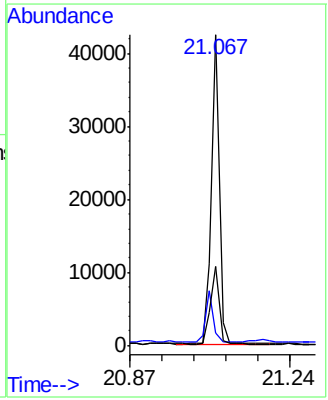




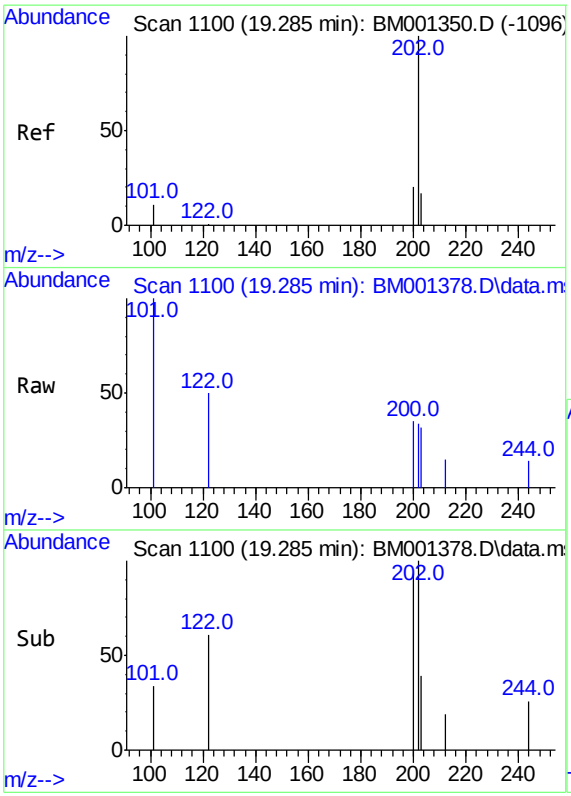
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.067 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:240 Resp: 52878

Ion	Ratio	Lower	Upper
240	100		
120	3.9	1.6	2.4#
236	25.4	18.5	27.7



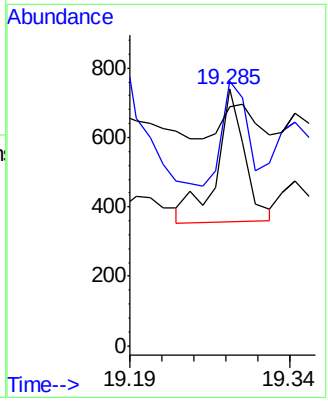
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

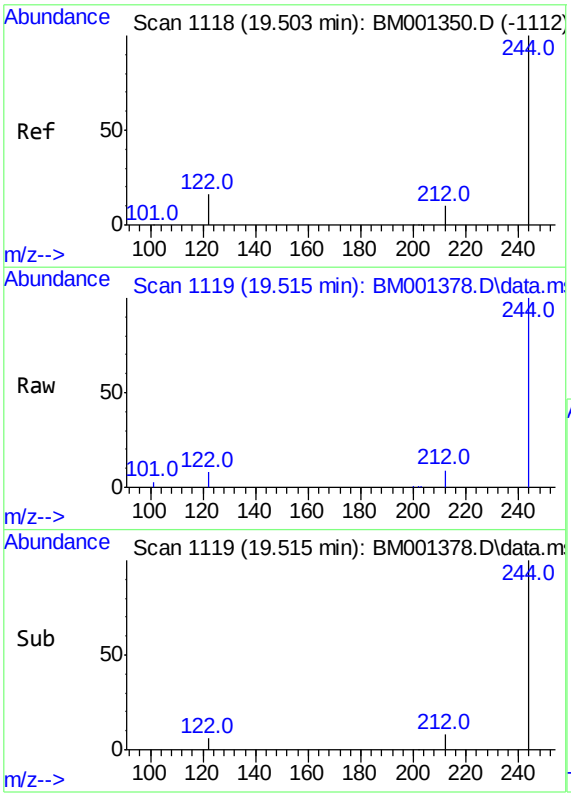


#26
Pyrene
Concen: 0.04 ng
RT: 19.285 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:202 Resp: 679

Ion	Ratio	Lower	Upper
202	100		
200	105.3	16.2	24.4#
203	28.3	13.9	20.9#

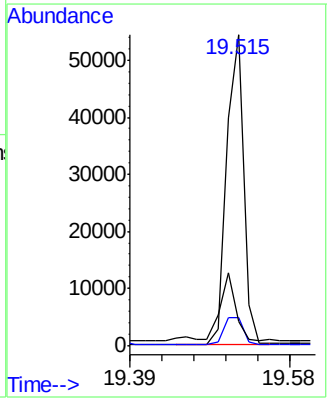


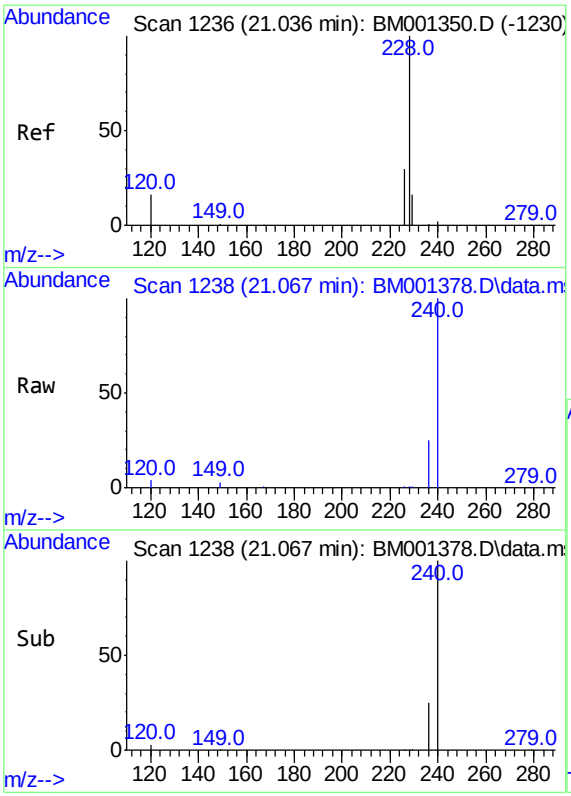


#27
Terphenyl-d14
Concen: 10.87 ng
RT: 19.515 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:244 Resp: 75588

Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.5	12.7
122	7.8	13.4	20.2#

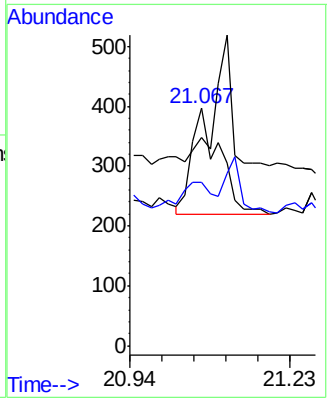




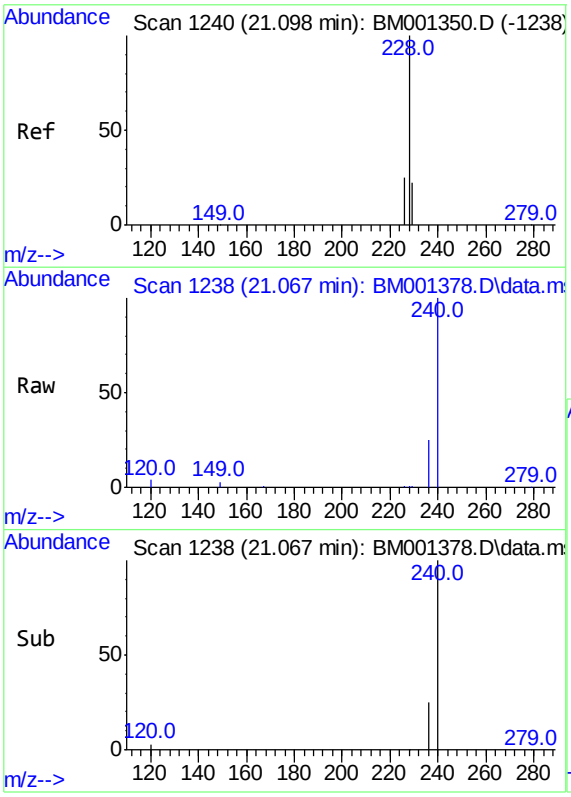
#28
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.067 min Scan# 1238
Delta R.T. 0.031 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:228 Resp: 627

Ion	Ratio	Lower	Upper
228	100		
226	68.5	24.5	36.7#
229	87.4	13.3	19.9#



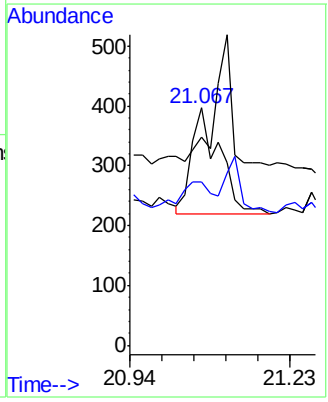
Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518

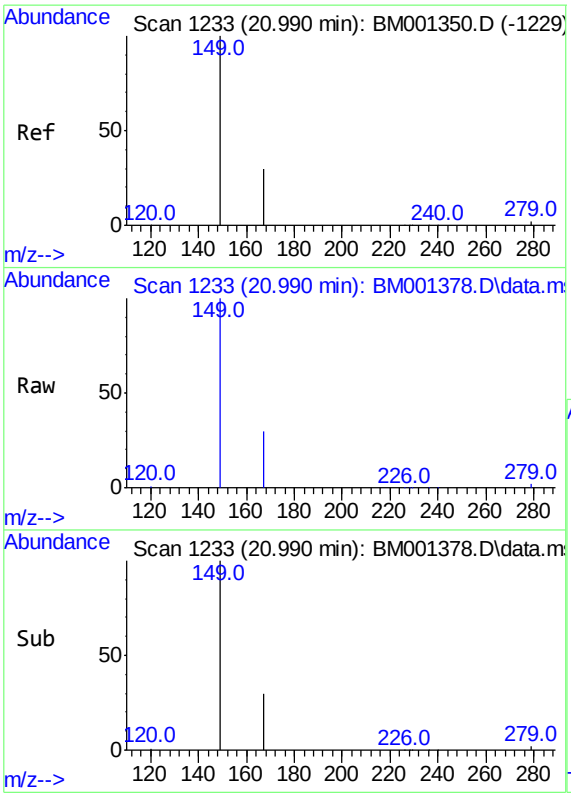


#29
Chrysene
Concen: 0.04 ng
RT: 21.067 min Scan# 1238
Delta R.T. -0.031 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:228 Resp: 627

Ion	Ratio	Lower	Upper
228	100		
226	68.5	20.0	30.0#
229	87.4	17.6	26.4#

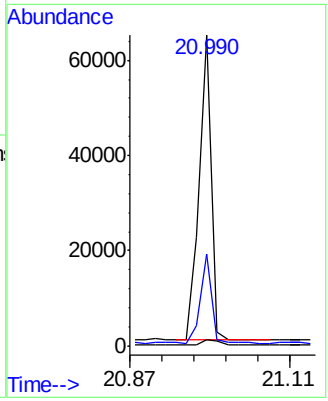




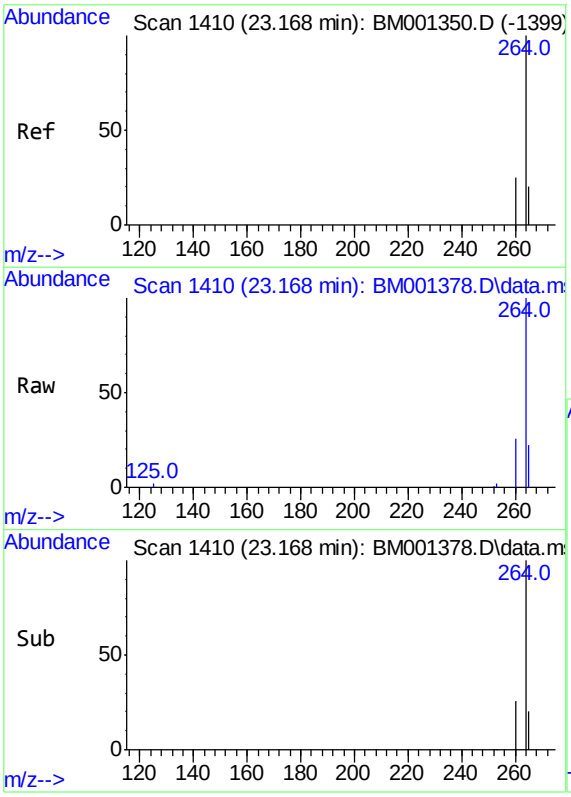
#30
Bis(2-ethylhexyl)phthalate
Concen: 8.50 ng
RT: 20.990 min Scan# 1233
Delta R.T. 0.001 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:149 Resp: 81185

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.6	32.4
279	2.3	1.9	2.9



Instrument :
BNA_M
ClientSampleId :
LF001MW001-150518



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.168 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BM001378.D
Acq: 22 May 2015 02:29

Tgt Ion:264 Resp: 40232

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.4	30.6
265	22.0	16.6	24.8