Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000831.D
Acq On : 03 Apr 2015 07:43
Operator : TP/IZ
Sample : MDL-BLK-W
Misc : MDL-WATER-0.1/0.2
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 03 16:29:41 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 13:56:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	20425	5.00 ng	0.00
11) Naphthalene-d8	10.39	136	101875	5.00 ng	0.00
19) Acenaphthene-d10	14.28	164	52768	5.00 ng	0.00
26) Phenanthrene-d10	17.00	188	119148	5.00 ng	0.00
30) Chrysene-d12	21.21	240	103426	5.00 ng	0.00
34) Perylene-d12	23.40	264	93232	5.00 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.21	112	81703	14.52 ng	0.00
5) Phenol-d6	6.77	99	139358	12.87 ng	0.00
12) Nitrobenzene-d5	8.77	82	37303	7.85 ng	0.00
20) 2,4,6-Tribromophenol	15.77	330	19898	8.91 ng	0.00
32) Terphenyl-d14	19.65	244	134393	10.80 ng	0.00
Target Compounds					Qvalue
6) 2-Chlorophenol	7.17	128	56	0.20 ng	# 1
7) Phenol	6.77	94	75	0.01 ng	# 1
8) bis(2-Chloroethyl)ether	7.13	93	233	0.24 ng	# 8
9) 2-Methylphenol	7.84	107	24	0.17 ng	# 21
10) 3+4-Methylphenols	8.41	107	41	0.13 ng	# 18
13) Nitrobenzene	8.73	77	141	0.03 ng	# 60
14) 2-Nitrophenol	9.20	139	270	0.26 ng	# 1
15) 2,4-Dimethylphenol	9.60	122	25	0.00 ng	# 66
16) 2,4-Dichlorophenol	10.04	162	15	0.22 ng	# 27
17) Hexachlorobutadiene	10.72	225	16	0.00 ng	# 58
18) 4-Chloro-3-methylphenol	11.66	107	4	0.00 ng	# 73
21) 2,4,6-Trichlorophenol	12.70	196	2	0.12 ng	# 46
22) 2,4,5-Trichlorophenol	12.70	196	2	0.12 ng	# 74
23) 2-Fluorobiphenyl	12.87	172	165538	10.18 ng	96
24) 2,4-Dinitrophenol	14.39	184	2	0.00 ng	# 66
27) 4,6-Dinitro-2-methylphenol	15.75	198	2551	1.99 ng	# 15
28) Hexachlorobenzene	16.31	284	8	0.07 ng	# 1
29) Pentachlorophenol	16.72	266	14	0.45 ng	# 65
31) Benzidine	19.31	184	115	Below Cal	# 52
33) 3,3'-Dichlorobenzidine	21.14	252	19	0.20 ng	# 32

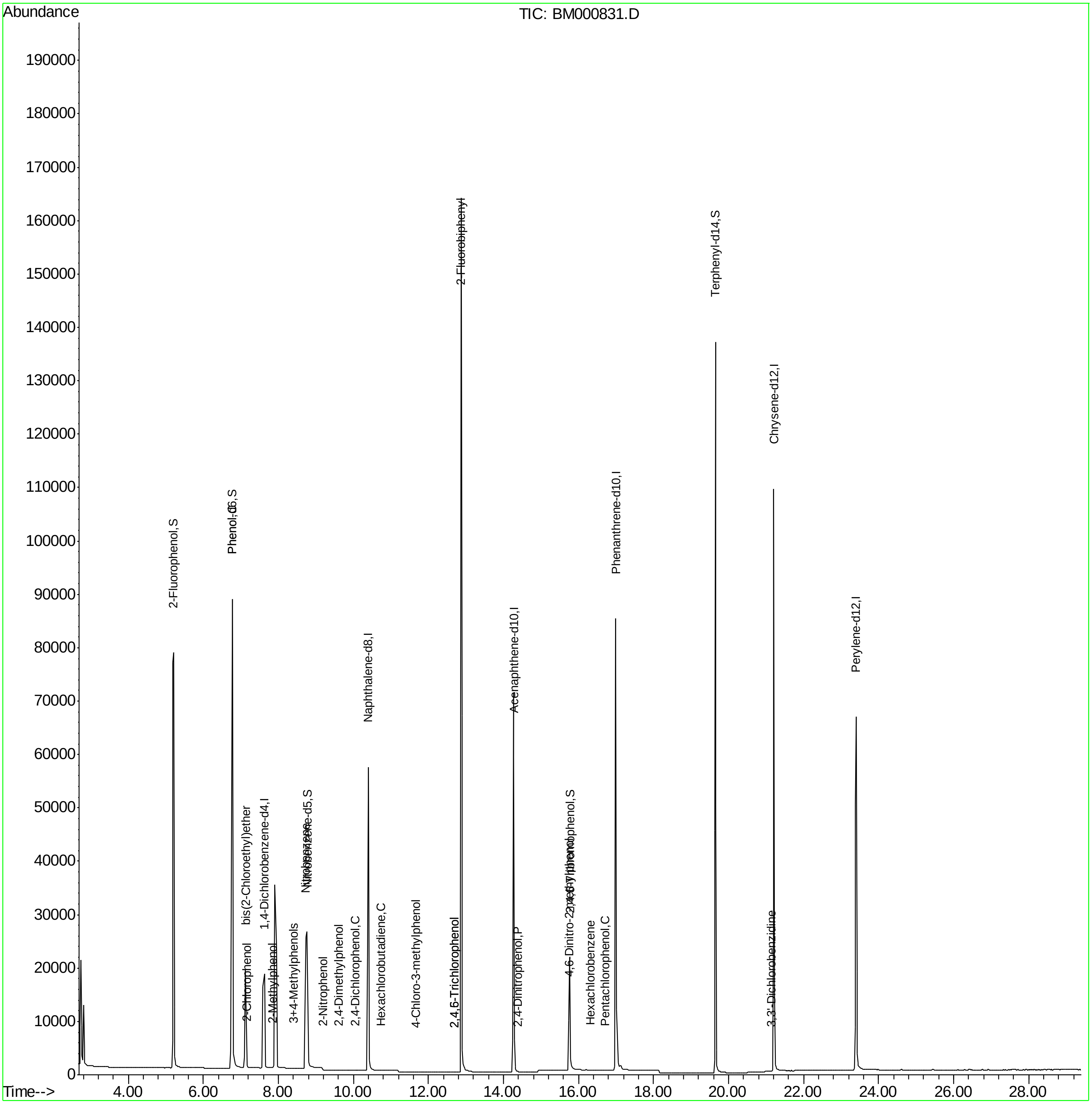
(#) = qualifier out of range (m) = manual integration (+) = signals summed

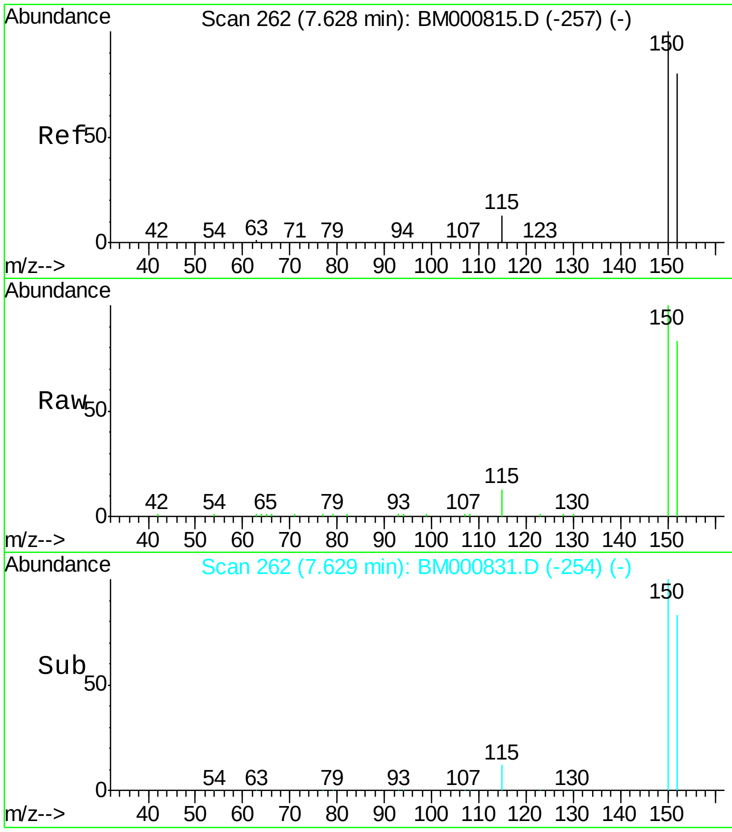
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000831.D
Acq On : 03 Apr 2015 07:43
Operator : TP/IZ
Sample : MDL-BLK-W
Misc : MDL-WATER-0.1/0.2
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 03 16:29:41 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 13:56:22 2015
Response via : Initial Calibration



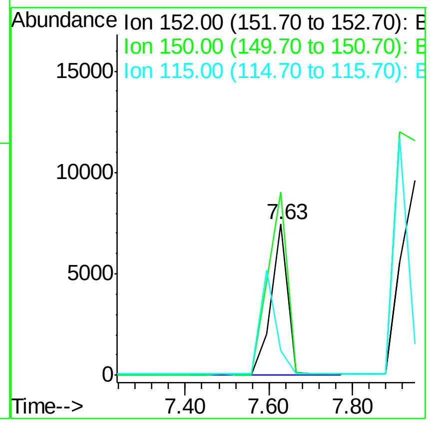


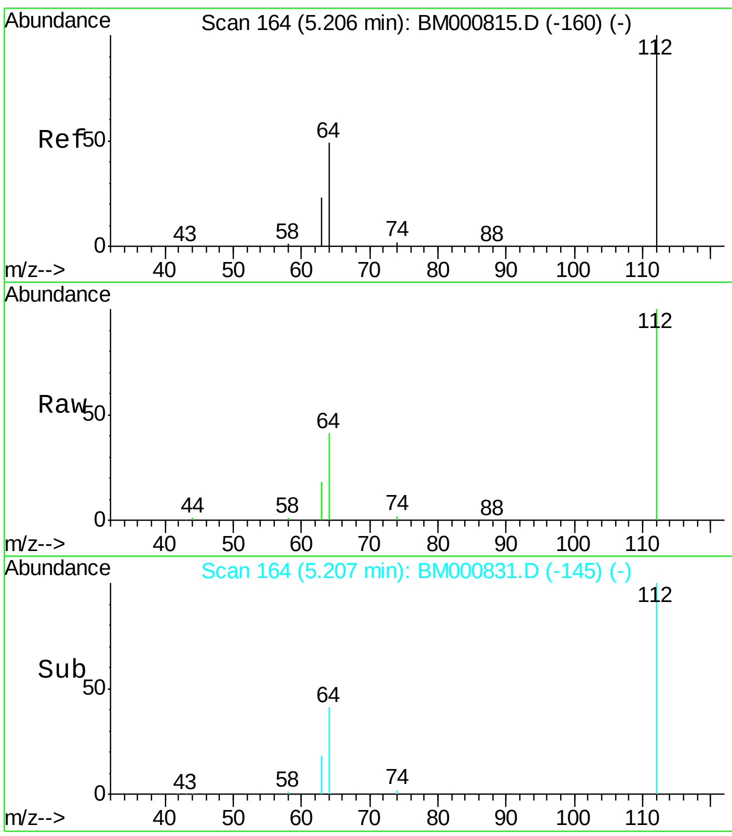
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 20425

Ion	Ratio	Lower	Upper
152	100		
150	120.9	99.8	149.6
115	15.9	13.5	20.3

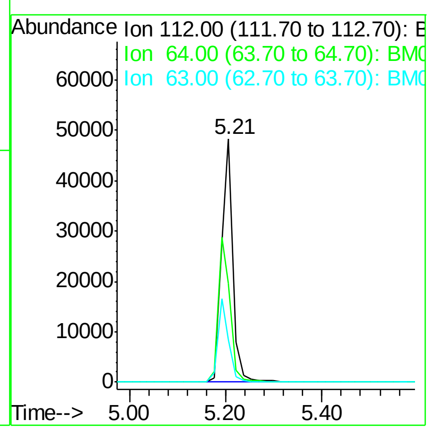


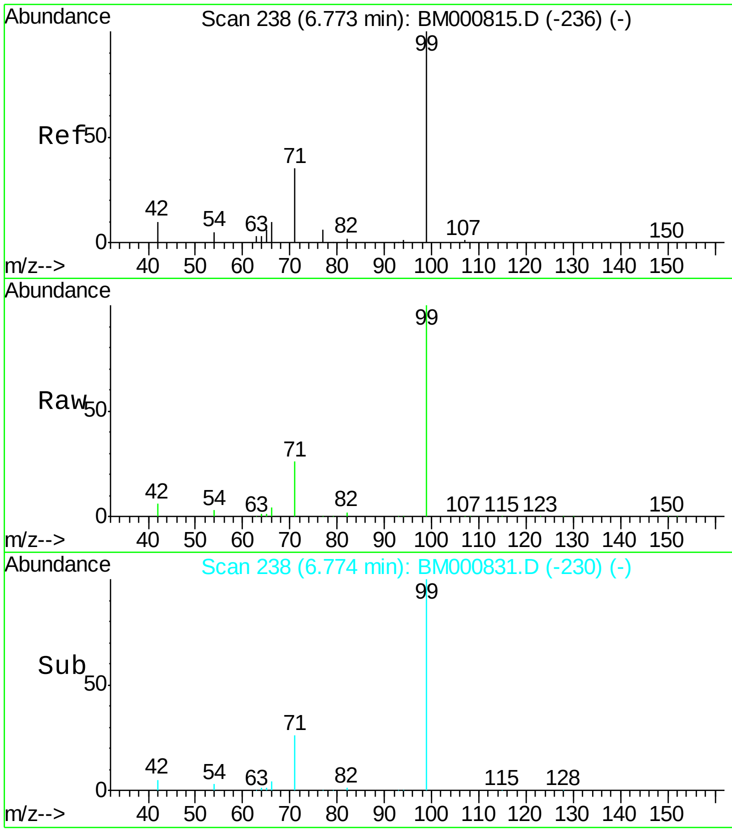


#4
2-Fluorophenol
Concen: 14.52 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:112 Resp: 81703

Ion	Ratio	Lower	Upper
112	100		
64	40.6	40.3	60.5
63	17.7	19.0	28.4#



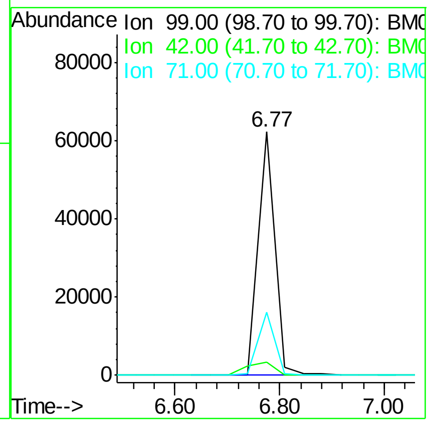


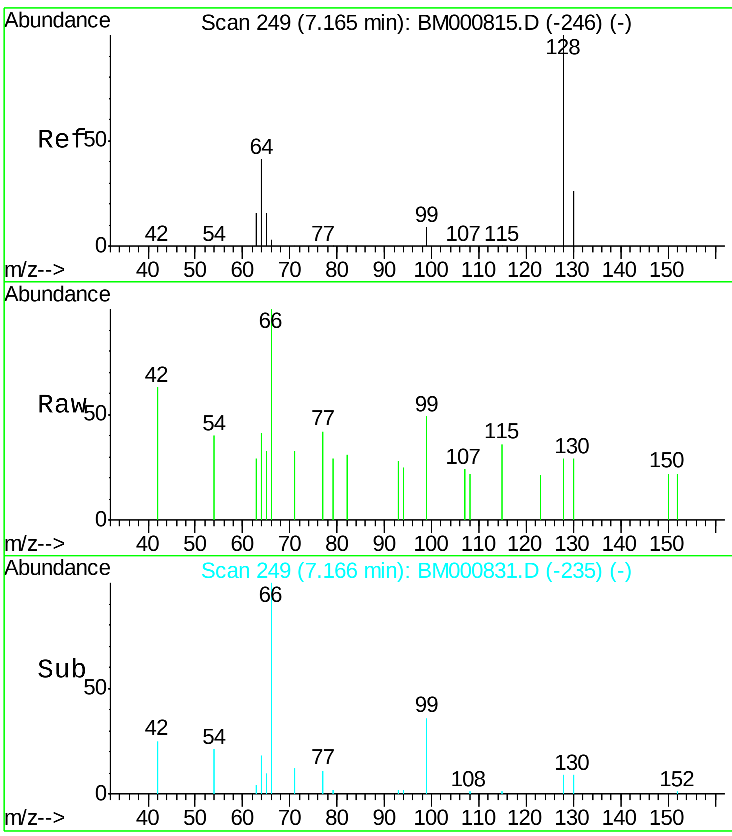
#5
Phenol-d6
Concen: 12.87 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 139358

Ion	Ratio	Lower	Upper
99	100		
42	5.5	10.2	15.4#
71	25.9	28.6	43.0#

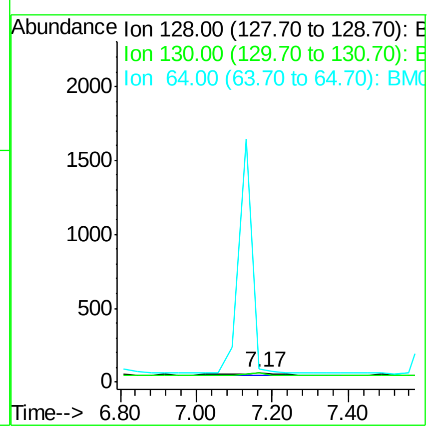


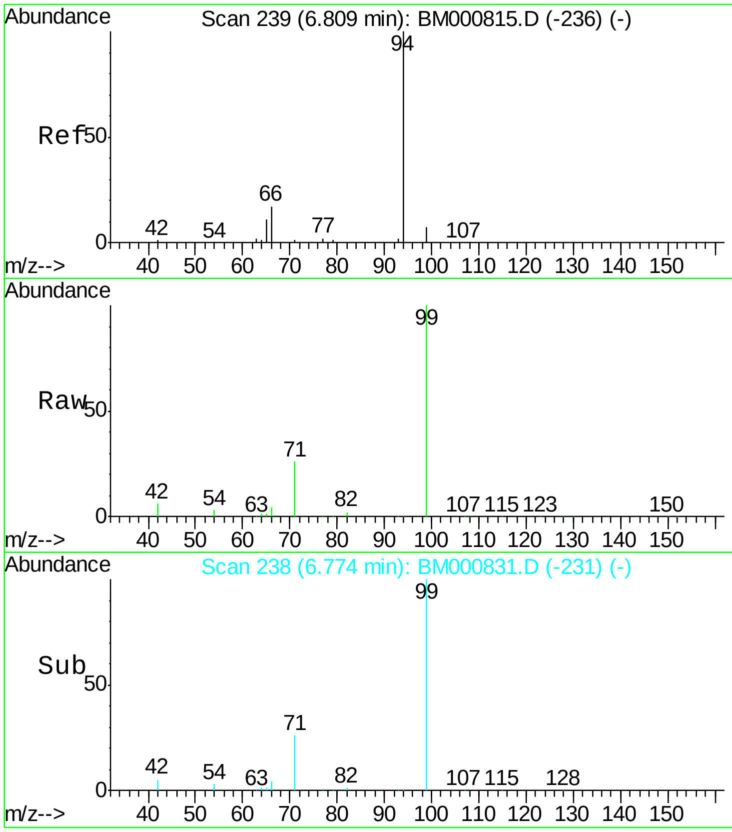


#6
2-Chlorophenol
Concen: 0.20 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:128 Resp: 56

Ion	Ratio	Lower	Upper
128	100		
130	97.0	7.6	47.6#
64	137.9	23.1	63.1#



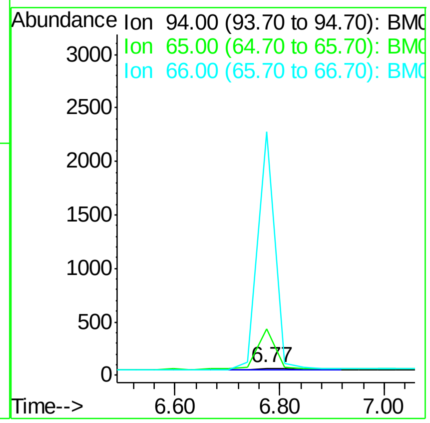


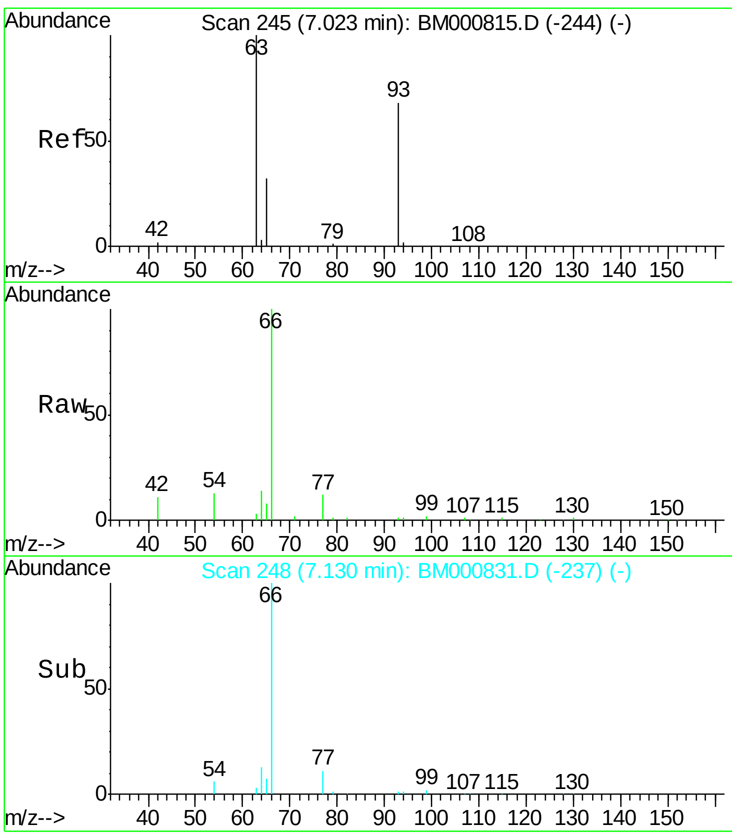
#7
Phenol
Concen: 0.01 ng
RT: 6.77 min Scan# 238
Delta R.T. -0.04 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 75

Ion	Ratio	Lower	Upper
94	100		
65	660.0	0.0	32.0#
66	3501.5	0.0	37.6#

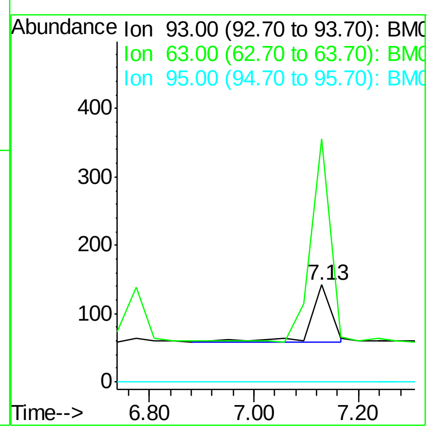


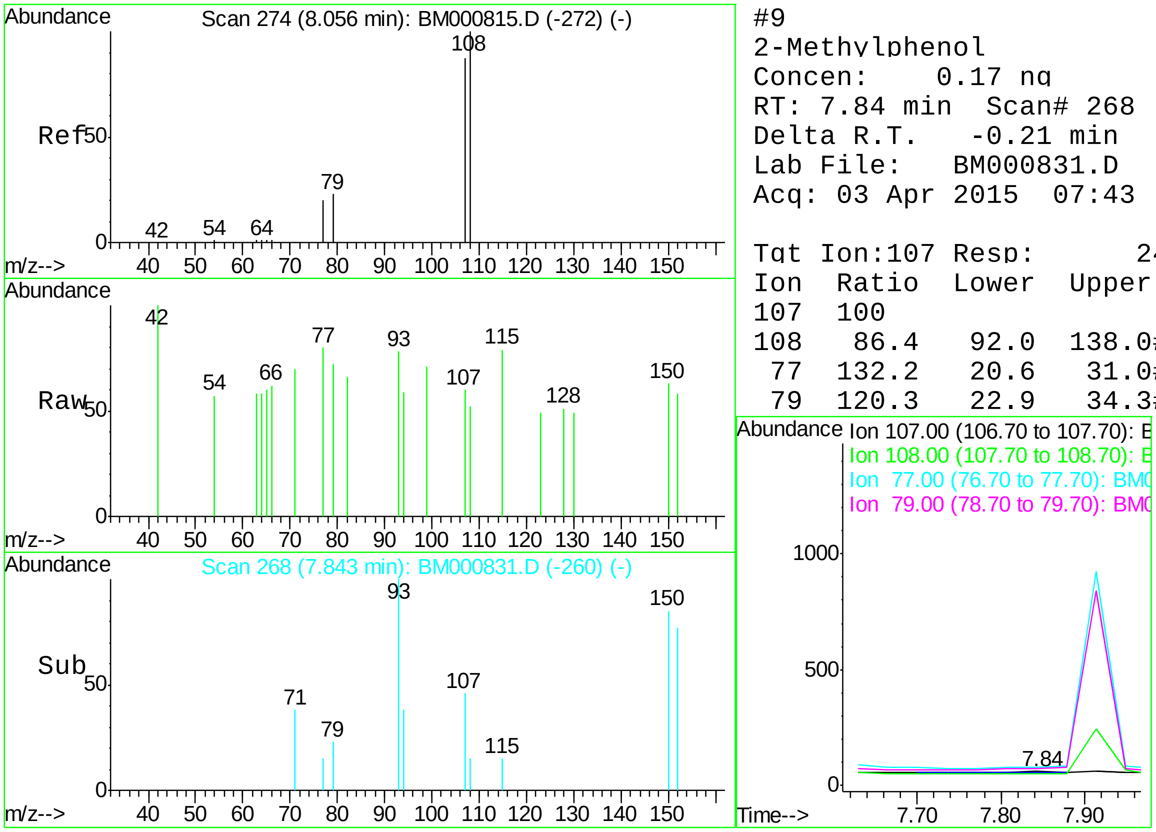


#8
bis(2-Chloroethyl)ether
Concen: 0.24 ng
RT: 7.13 min Scan# 248
Delta R.T. 0.11 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion: 93 Resp: 233

Ion	Ratio	Lower	Upper
93	100		
63	250.7	118.9	158.9#
95	0.0	0.0	20.0



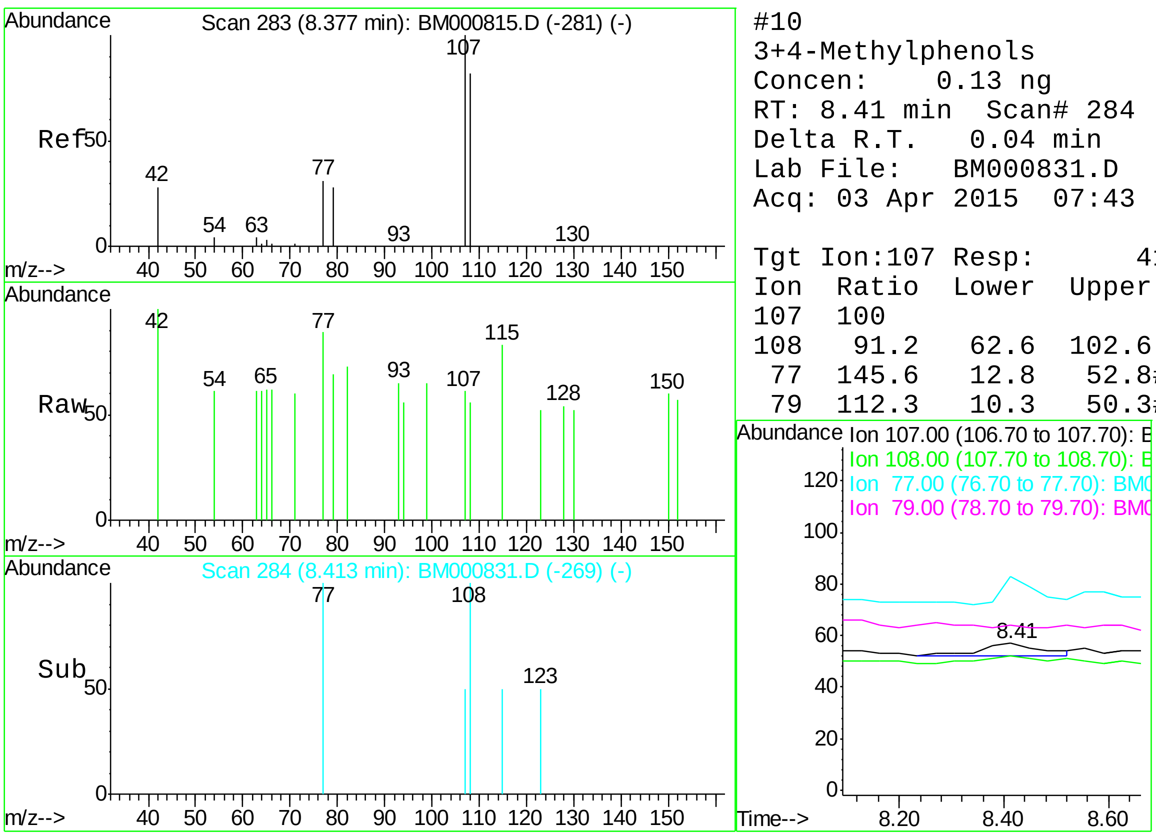


#9
2-Methylphenol
Concen: 0.17 ng
RT: 7.84 min Scan# 268
Delta R.T. -0.21 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 24

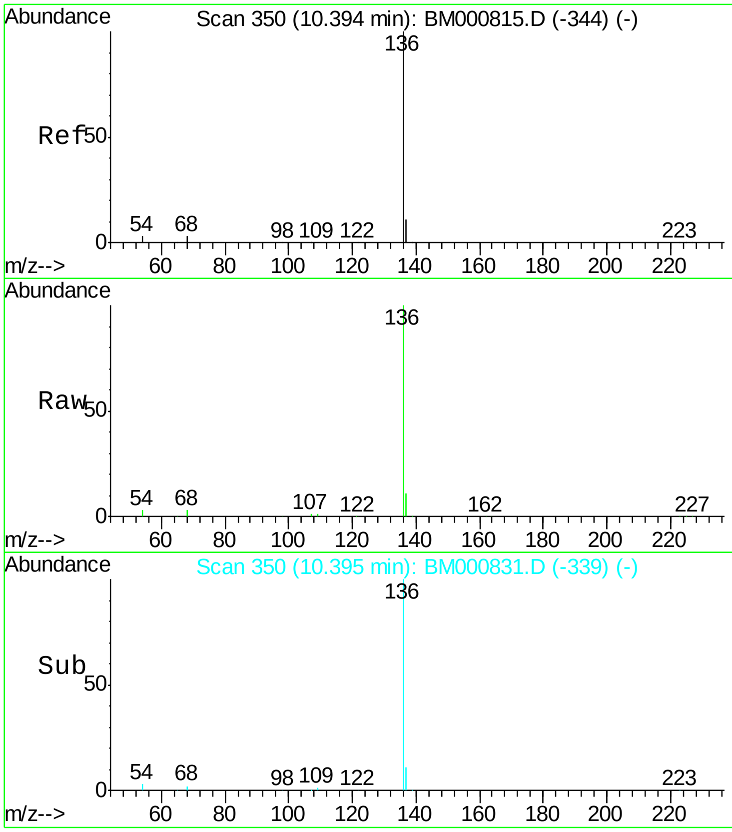
Ion	Ratio	Lower	Upper
107	100		
108	86.4	92.0	138.0#
77	132.2	20.6	31.0#
79	120.3	22.9	34.3#



#10
3+4-Methylphenols
Concen: 0.13 ng
RT: 8.41 min Scan# 284
Delta R.T. 0.04 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:107 Resp: 41

Ion	Ratio	Lower	Upper
107	100		
108	91.2	62.6	102.6
77	145.6	12.8	52.8#
79	112.3	10.3	50.3#

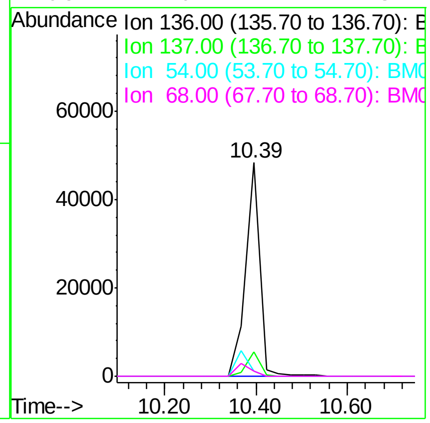


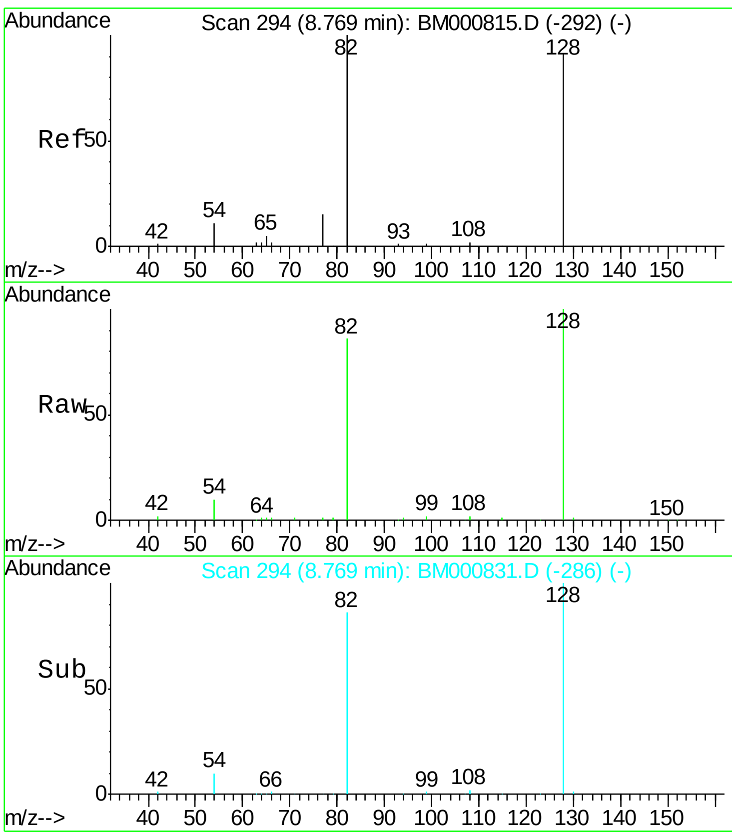
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 101875

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	2.7	2.2	3.4
68	2.6	2.2	3.2

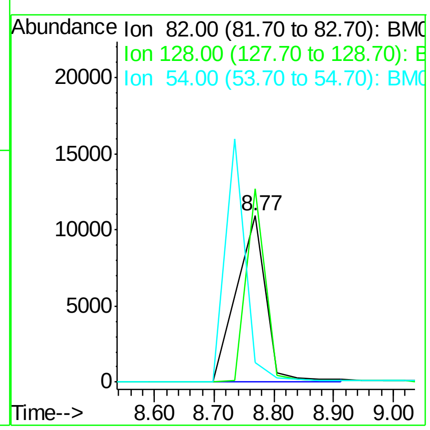


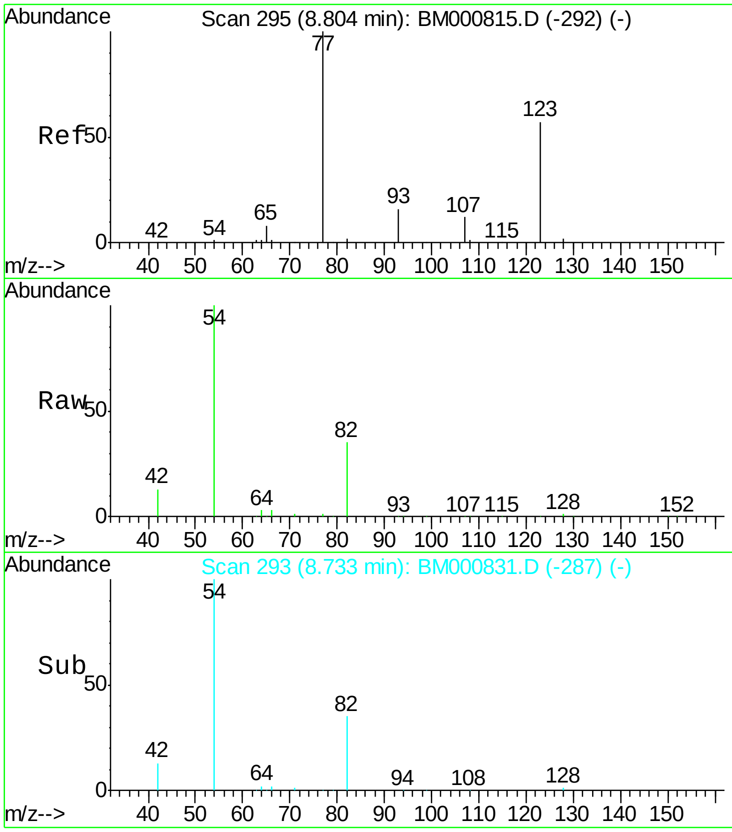


#12
Nitrobenzene-d5
Concen: 7.85 ng
RT: 8.77 min Scan# 294
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion: 82 Resp: 37303

Ion	Ratio	Lower	Upper
82	100		
128	116.2	72.5	108.7#
54	12.0	11.8	17.8

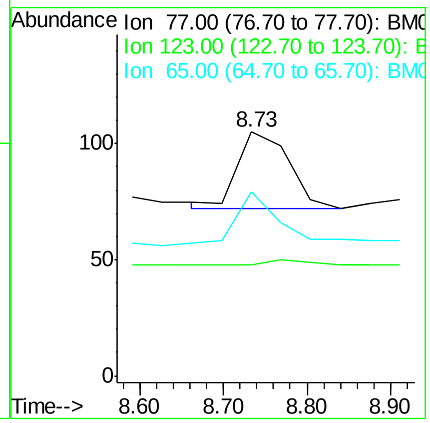


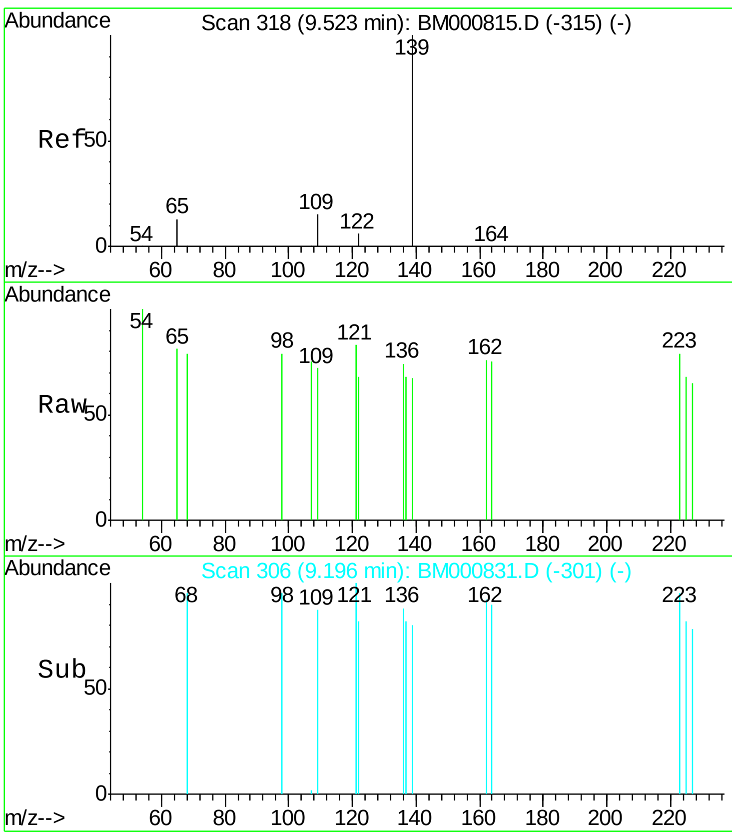



```
#13
Nitrobenzene
Concen:    0.03 ng
RT: 8.73 min  Scan# 293
Delta R.T.   -0.07 min
Lab File:   BM000831.D
Acq: 03 Apr 2015  07:43

Tgt Ion: 77 Resp:     141
Ion  Ratio  Lower  Upper
 77  100
123   45.7   45.8   68.6#
 65   75.2    8.2   12.4#
```

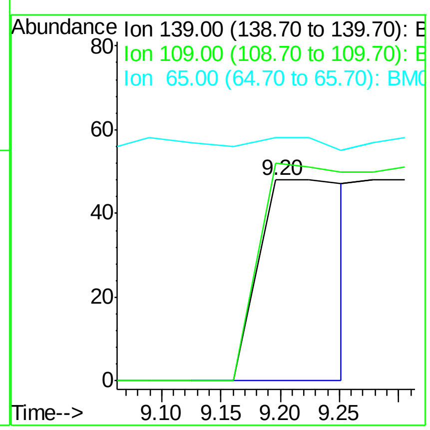
Instrument :
BNA_M
ClientSampleId :

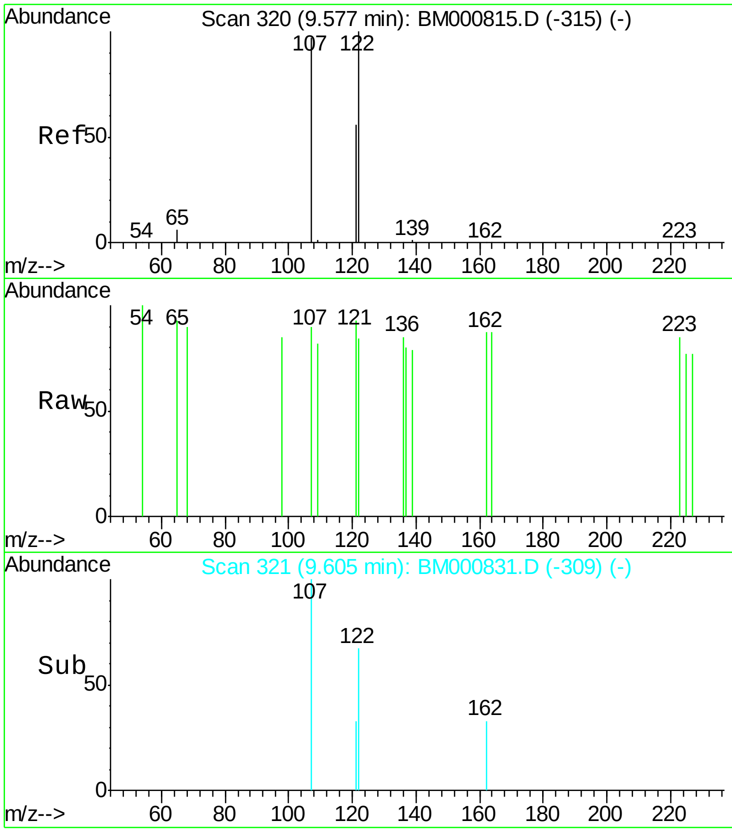





```
#14
2-Nitrophenol
Concen:    0.26 ng
RT: 9.20 min  Scan# 306
Delta R.T.   -0.33 min
Lab File:   BM000831.D
Acq: 03 Apr 2015  07:43

Tgt Ion:139 Resp:     270
Ion  Ratio  Lower  Upper
139  100
109  108.3   15.0   22.6#
 65  120.8   14.2   21.4#
```



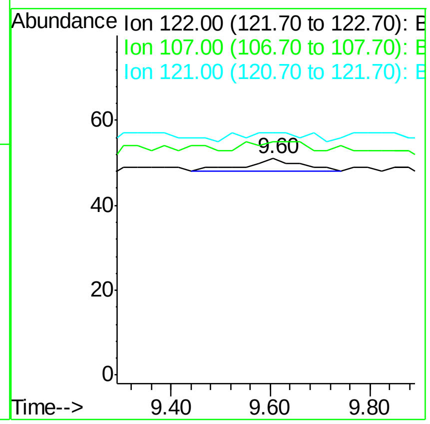


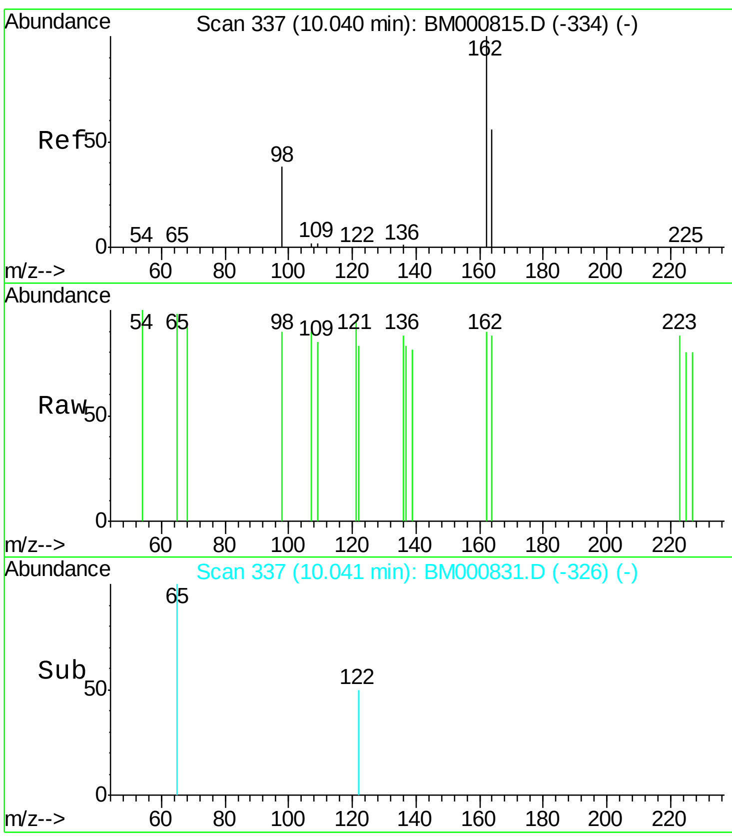
#15
2,4-Dimethylphenol
Concen: 0.00 ng
RT: 9.60 min Scan# 321
Delta R.T. 0.03 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 25

Ion	Ratio	Lower	Upper
122	100		
107	107.8	78.2	117.4
121	111.8	45.4	68.0#

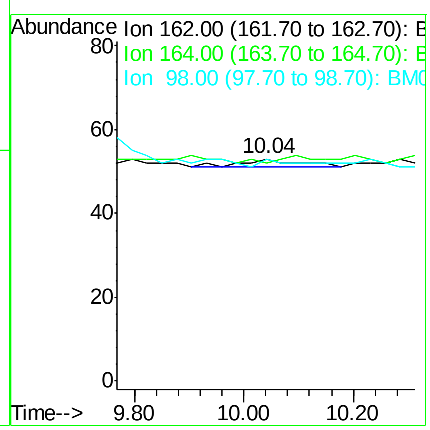


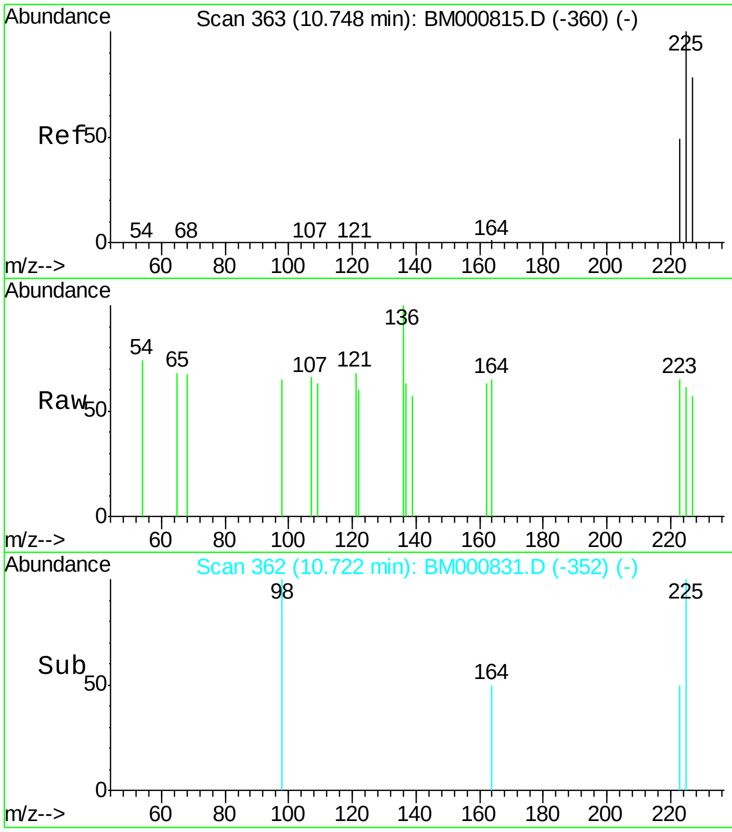


#16
2,4-Dichlorophenol
Concen: 0.22 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:162 Resp: 15

Ion	Ratio	Lower	Upper
162	100		
164	98.1	37.1	77.1#
98	100.0	19.5	59.5#



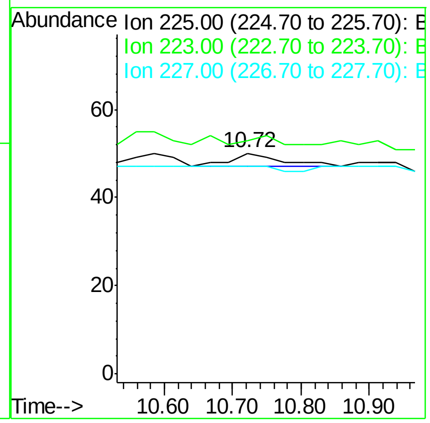


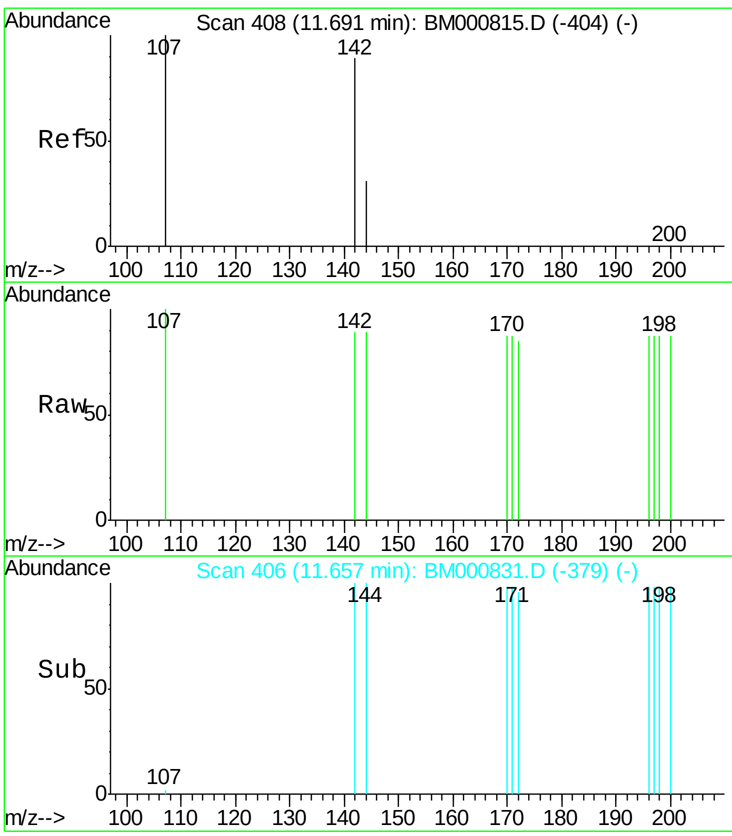
#17
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.03 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 16

Ion	Ratio	Lower	Upper
225	100		
223	106.0	40.8	61.2#
227	94.0	62.8	94.2

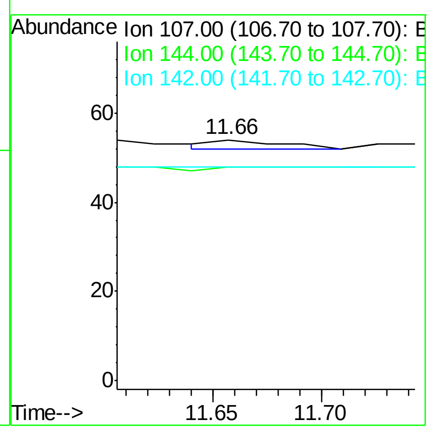


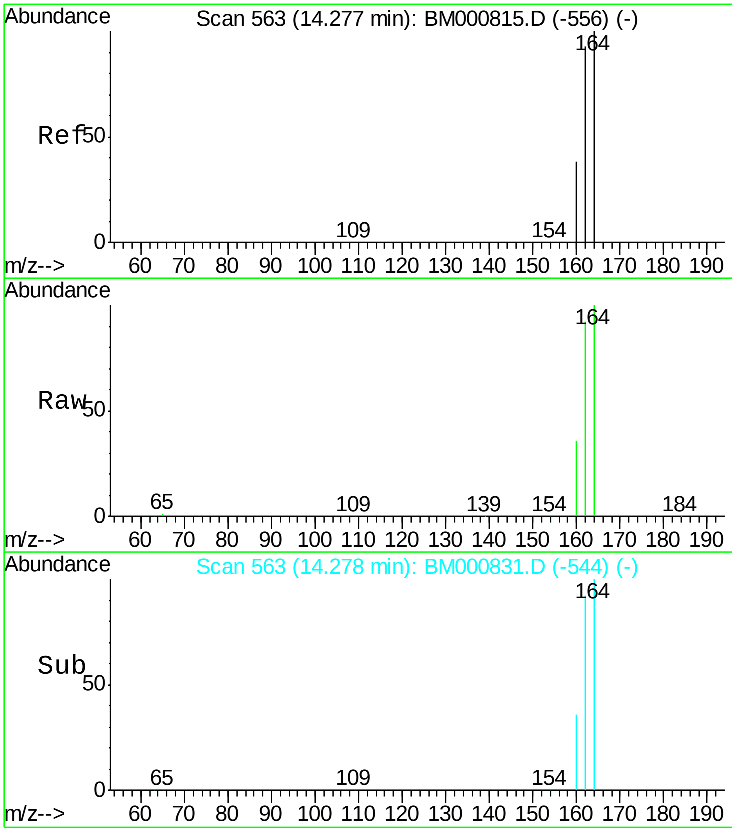


#18
4-Chloro-3-methylphenol
Concen: 0.00 ng
RT: 11.66 min Scan# 406
Delta R.T. -0.03 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:107 Resp: 4

Ion	Ratio	Lower	Upper
107	100		
144	88.9	25.8	38.8#
142	88.9	71.3	106.9



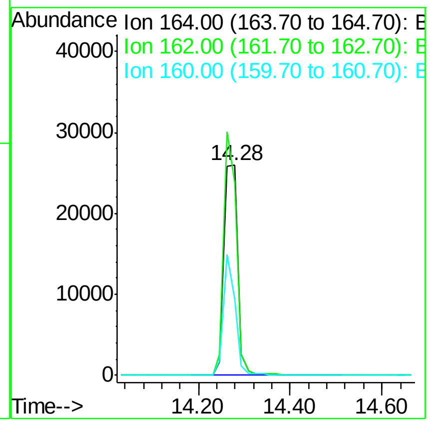


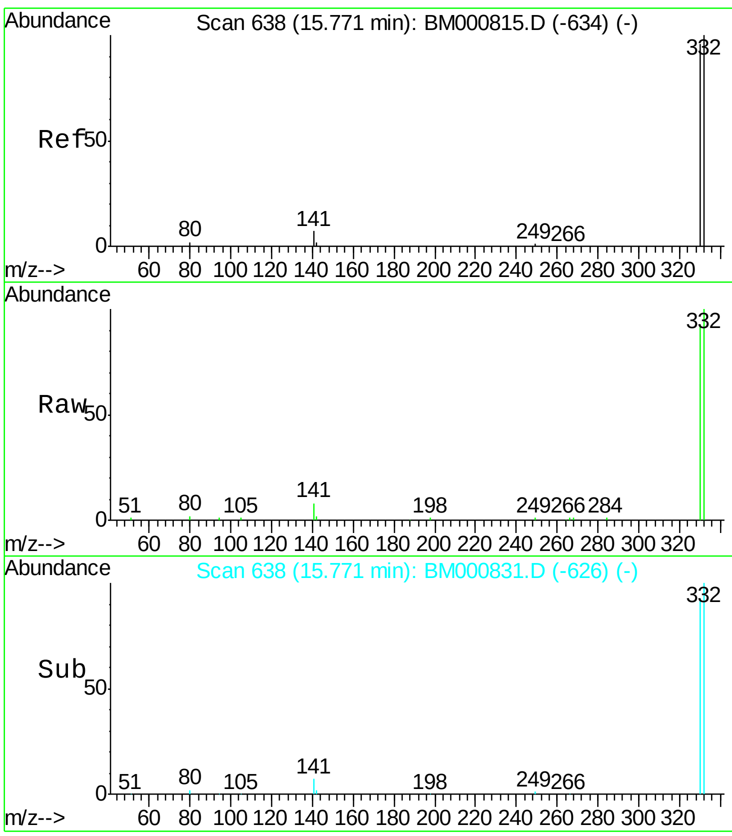
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 52768

Ion	Ratio	Lower	Upper
164	100		
162	91.5	74.2	111.2
160	36.3	30.4	45.6

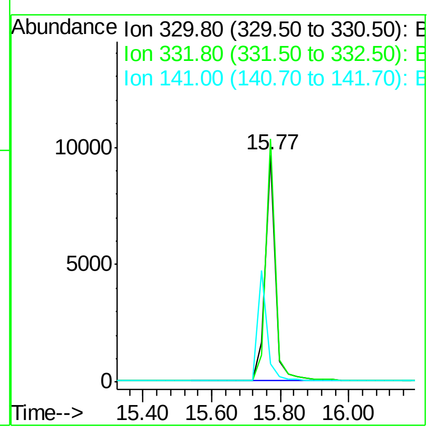


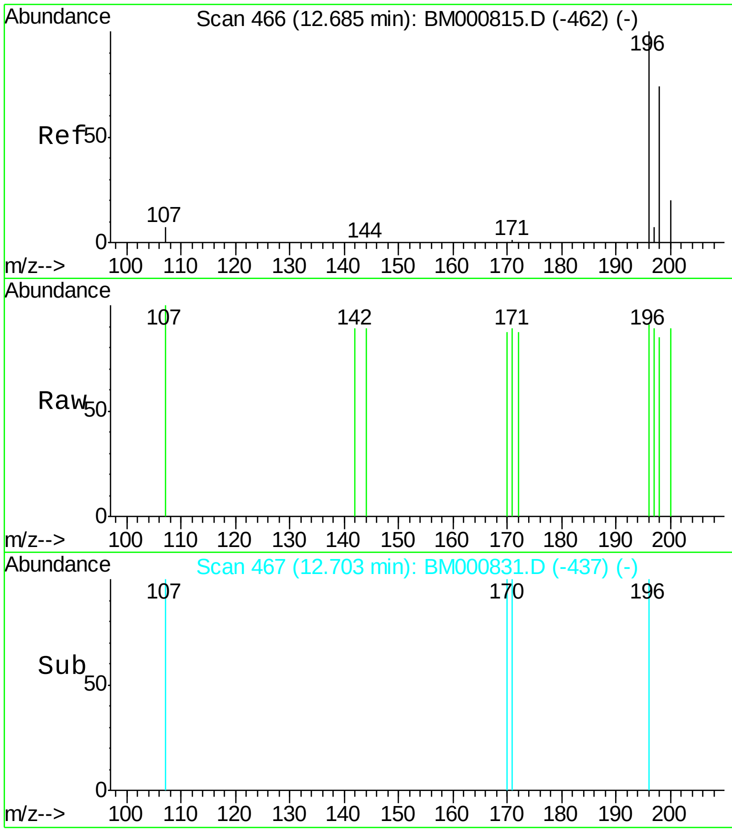


#20
2,4,6-Tribromophenol
Concen: 8.91 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:330 Resp: 19898

Ion	Ratio	Lower	Upper
330	100		
332	101.5	78.7	118.1
141	0.0	0.0	0.0



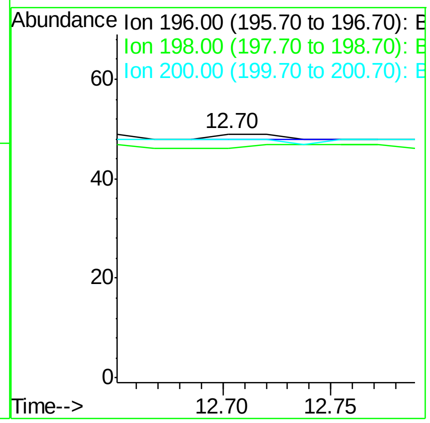


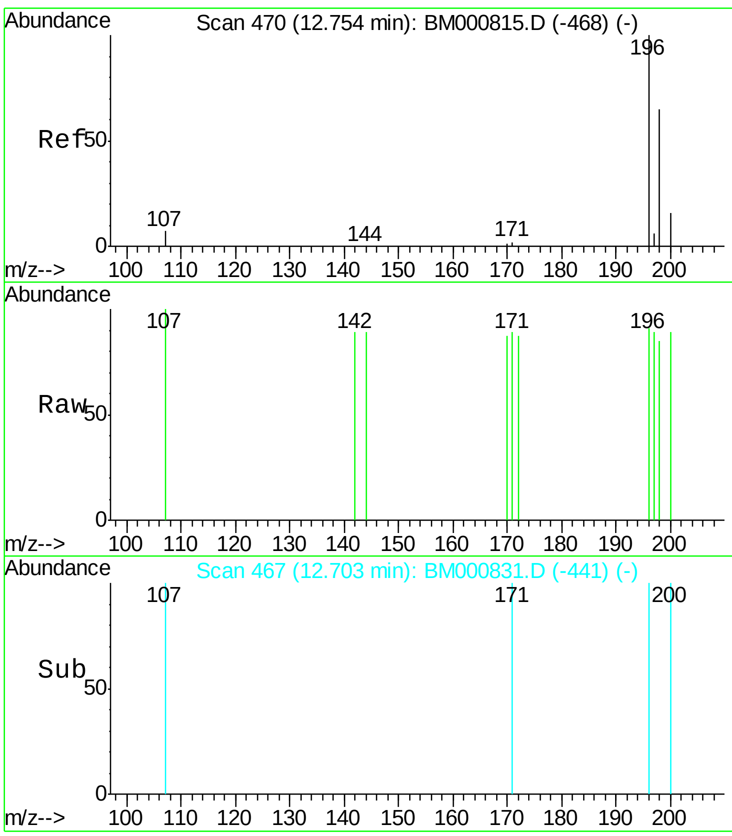
#21
2,4,6-Trichlorophenol
Concen: 0.12 ng
RT: 12.70 min Scan# 467
Delta R.T. 0.02 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 2

Ion	Ratio	Lower	Upper
196	100		
198	93.9	59.5	89.3#
200	98.0	17.4	26.0#

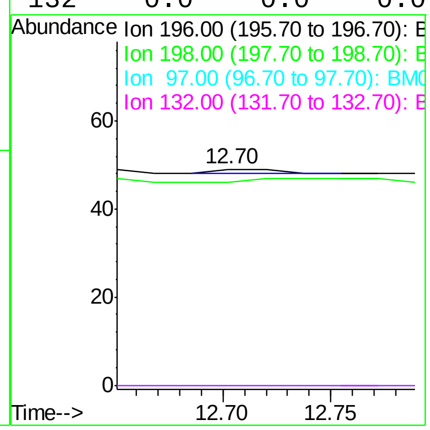


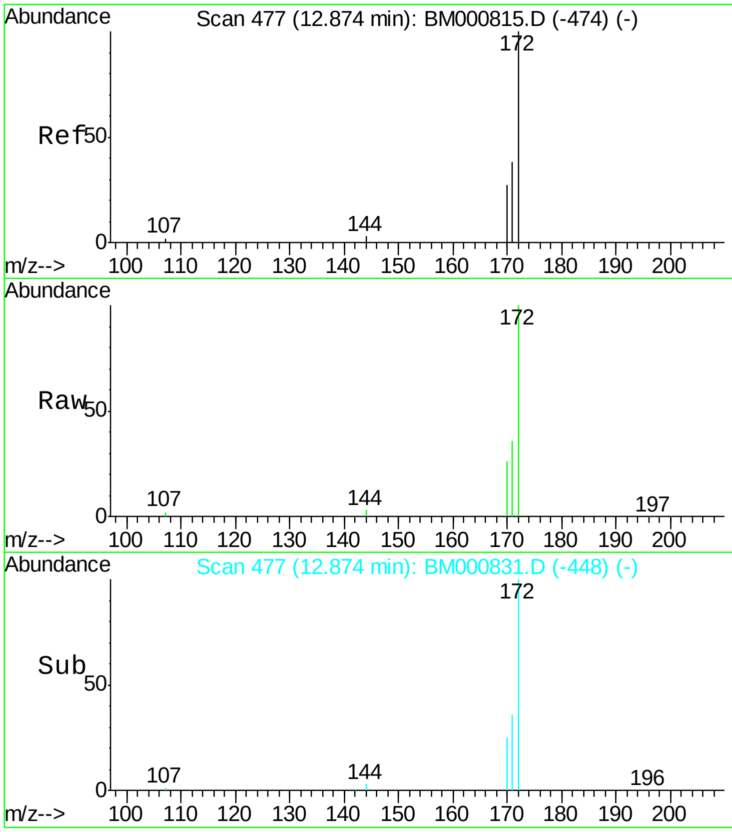


#22
2,4,5-Trichlorophenol
Concen: 0.12 ng
RT: 12.70 min Scan# 467
Delta R.T. -0.05 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:196 Resp: 2

Ion	Ratio	Lower	Upper
196	100		
198	93.9	57.9	86.9#
97	0.0	0.0	0.0
132	0.0	0.0	0.0

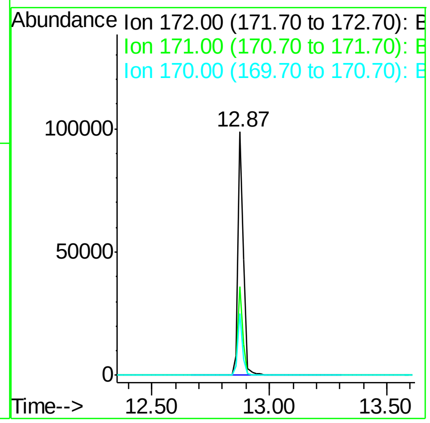


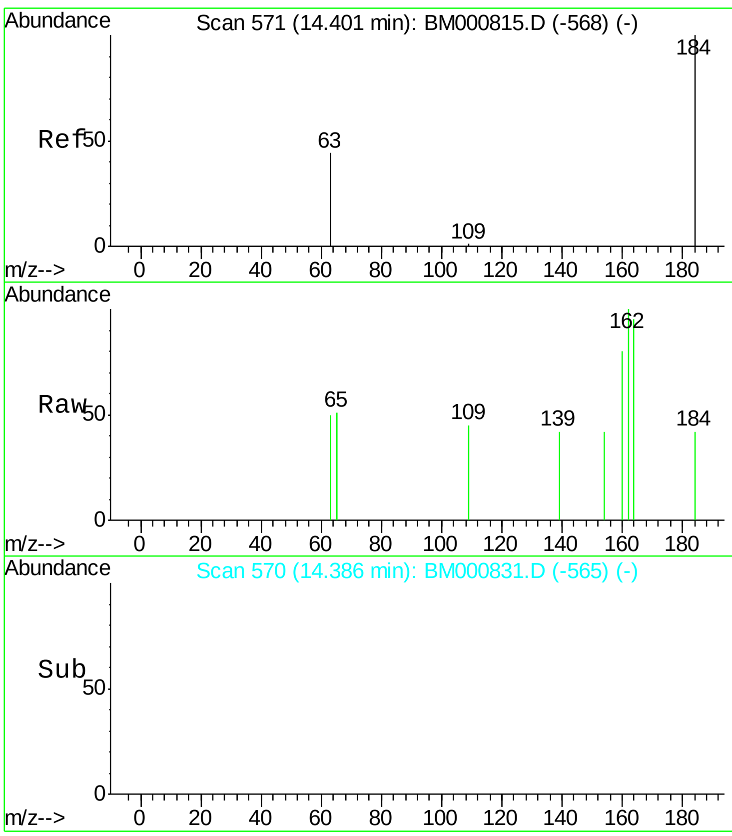


#23
2-Fluorobiphenyl
Concen: 10.18 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

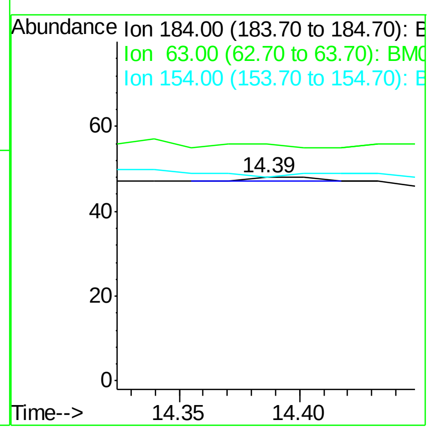
Tgt	Ion:172	Resp:	165538
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	25.5	22.2	33.2

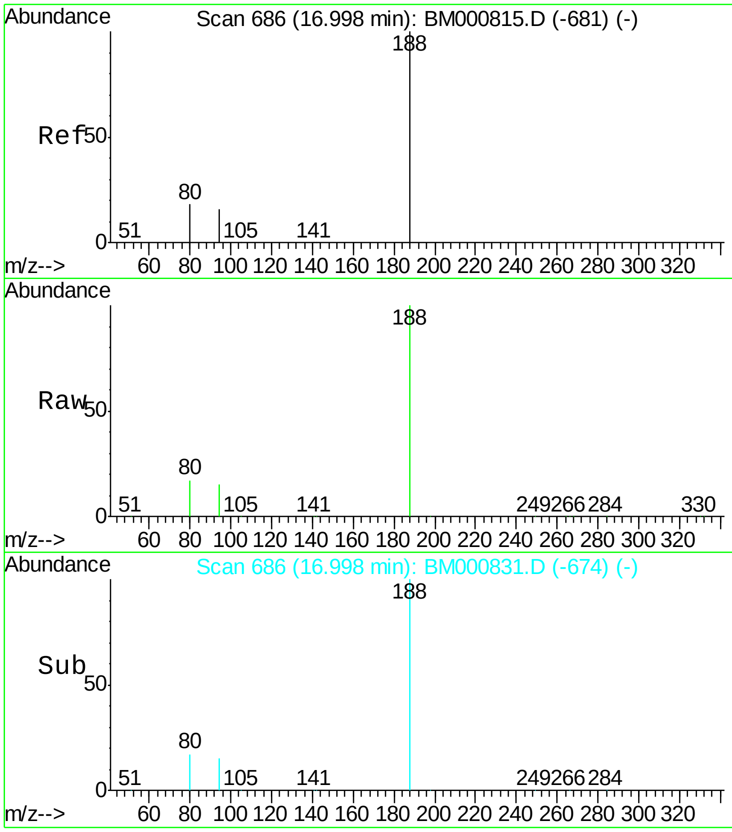




#24
2,4-Dinitrophenol
Concen: 0.00 ng
RT: 14.39 min Scan# 570
Delta R.T. -0.02 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt	Ion:184	Resp:	2
Ion	Ratio	Lower	Upper
184	100		
63	116.7	62.7	94.1#
154	100.0	63.6	95.4#



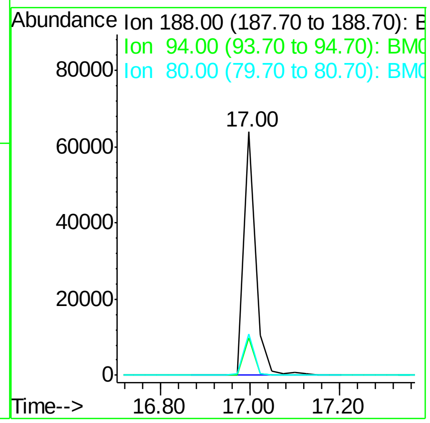


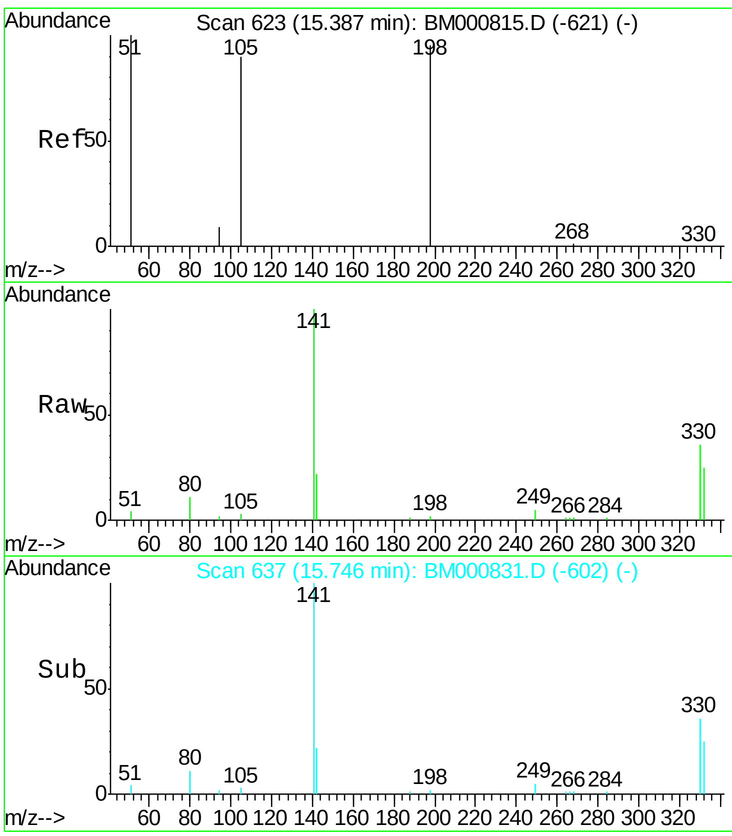
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 119148

Ion	Ratio	Lower	Upper
188	100		
94	15.3	13.0	19.6
80	17.0	14.7	22.1

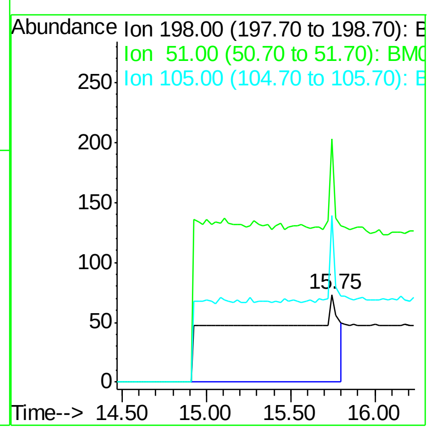


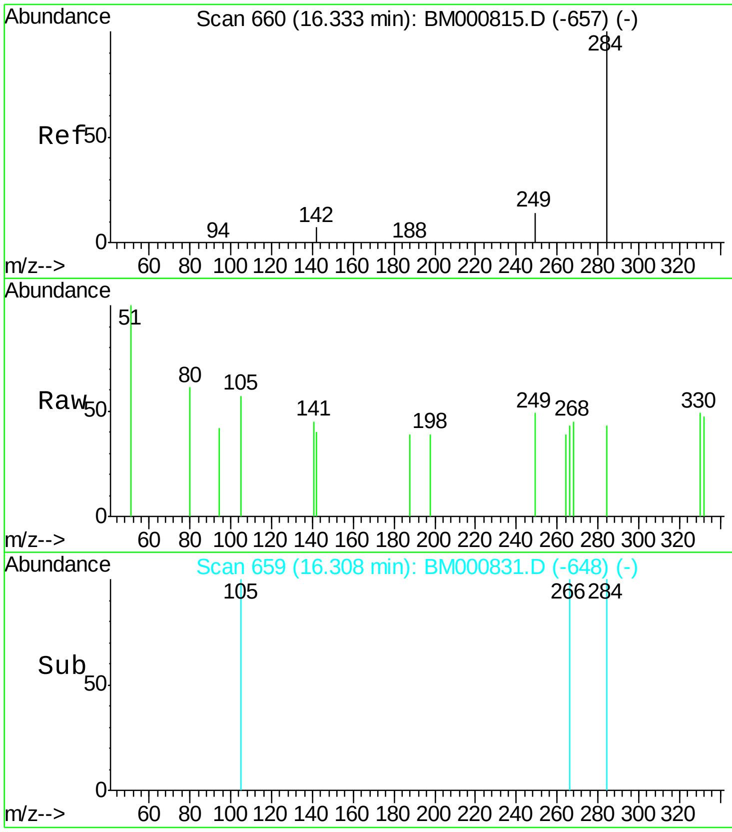


#27
4,6-Dinitro-2-methylphenol
Concen: 1.99 ng
RT: 15.75 min Scan# 637
Delta R.T. 0.36 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:198 Resp: 2551

Ion	Ratio	Lower	Upper
198	100		
51	278.1	139.3	179.3#
105	190.4	88.8	128.8#



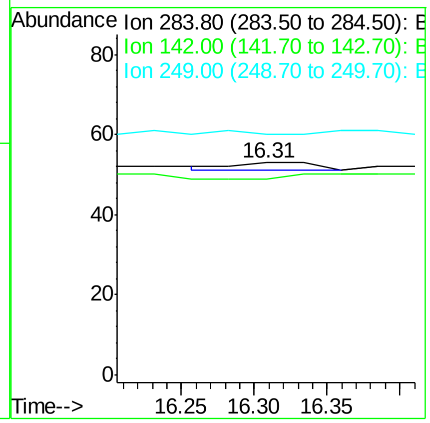


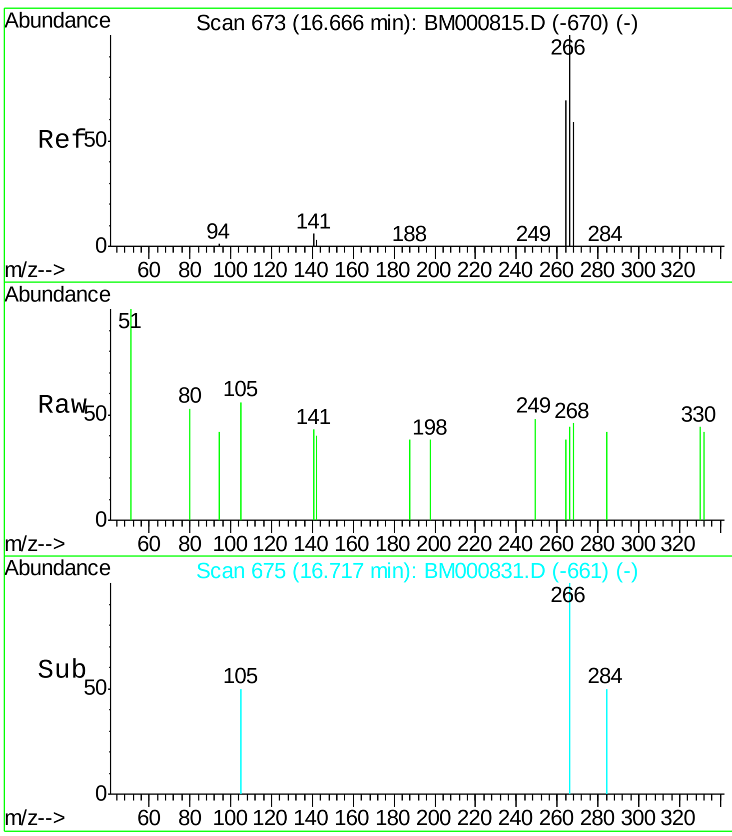
#28
Hexachlorobenzene
Concen: 0.07 ng
RT: 16.31 min Scan# 659
Delta R.T. -0.02 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	92.5	6.5	9.7#
249	113.2	12.6	18.8#

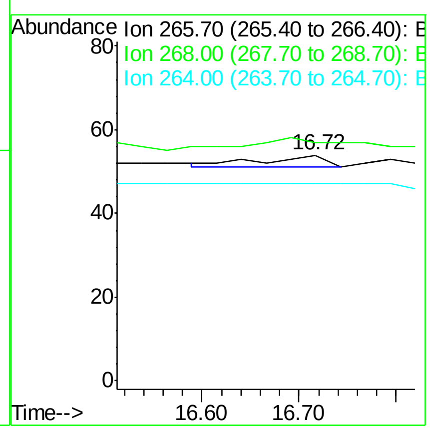


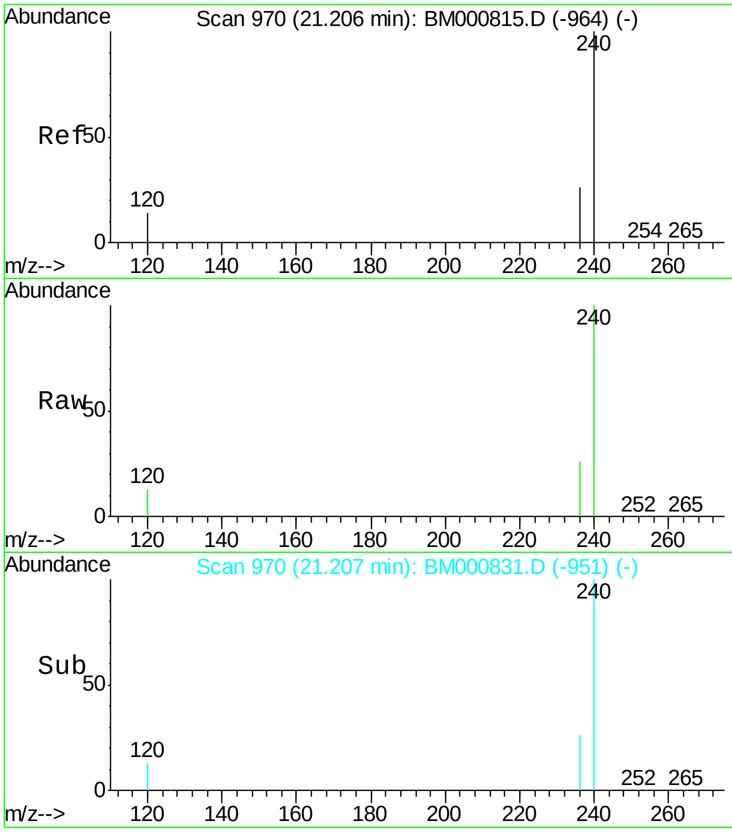


#29
Pentachlorophenol
Concen: 0.45 ng
RT: 16.72 min Scan# 675
Delta R.T. 0.05 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
268	105.6	51.4	77.0#
264	87.0	57.1	85.7#



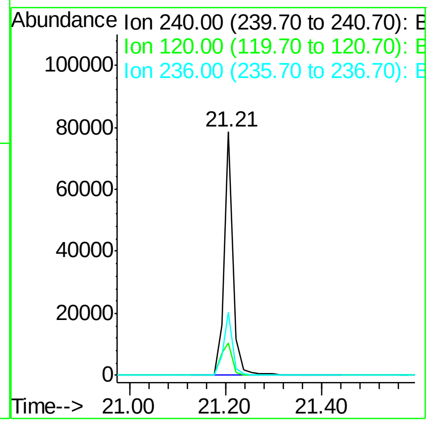


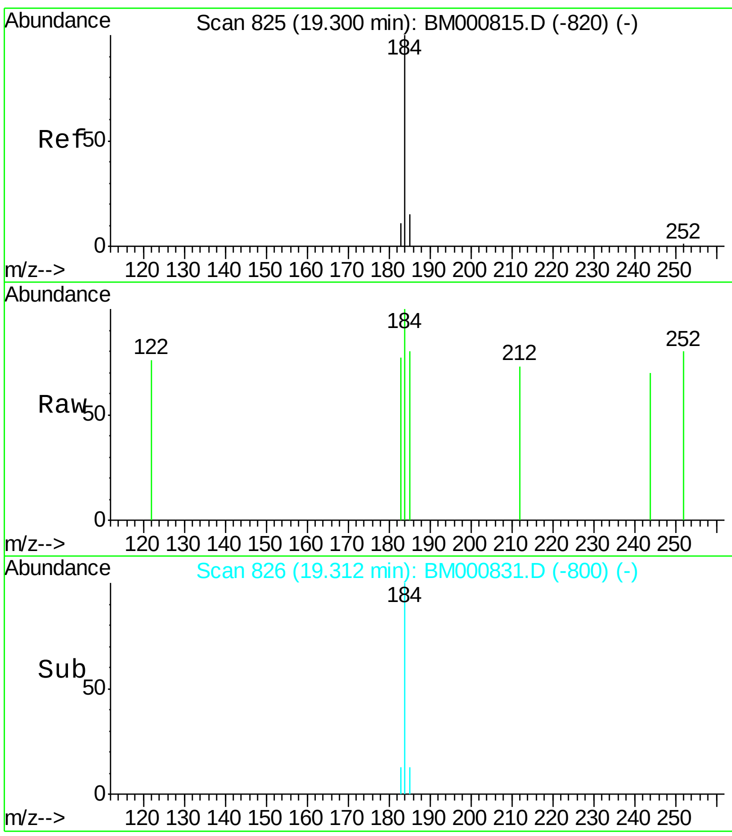
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 103426

Ion	Ratio	Lower	Upper
240	100		
120	13.1	11.3	16.9
236	25.8	21.1	31.7

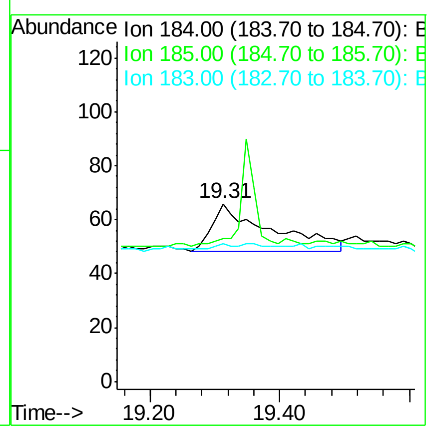


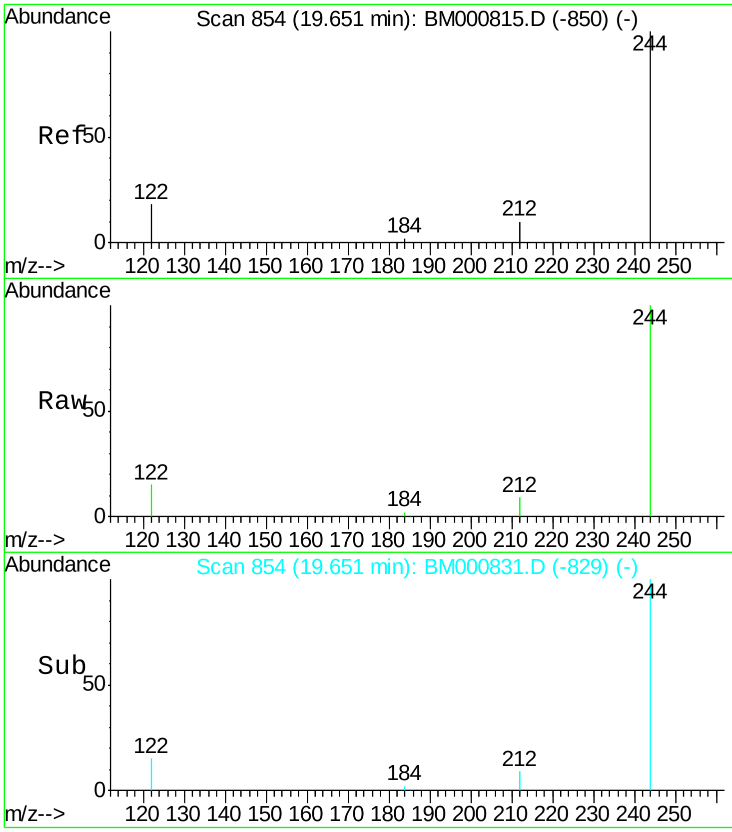


#31
Benzidine
Concen: Below Cal
RT: 19.31 min Scan# 826
Delta R.T. 0.01 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:184 Resp: 115

Ion	Ratio	Lower	Upper
184	100		
185	80.3	39.1	58.7#
183	77.3	36.1	54.1#



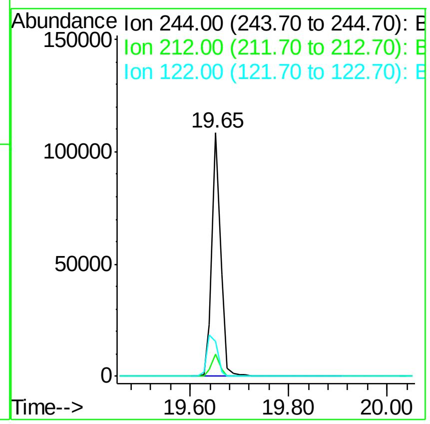


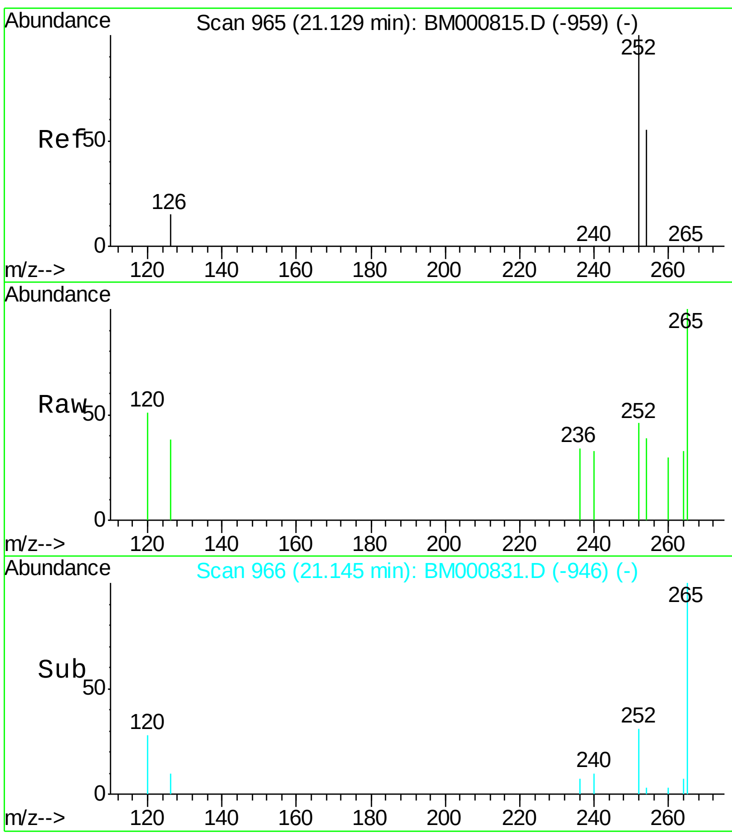
#32
Terphenyl-d14
Concen: 10.80 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 134393

Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.0	12.0
122	14.6	14.7	22.1#

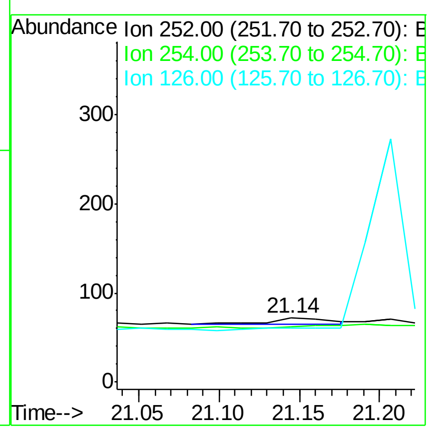


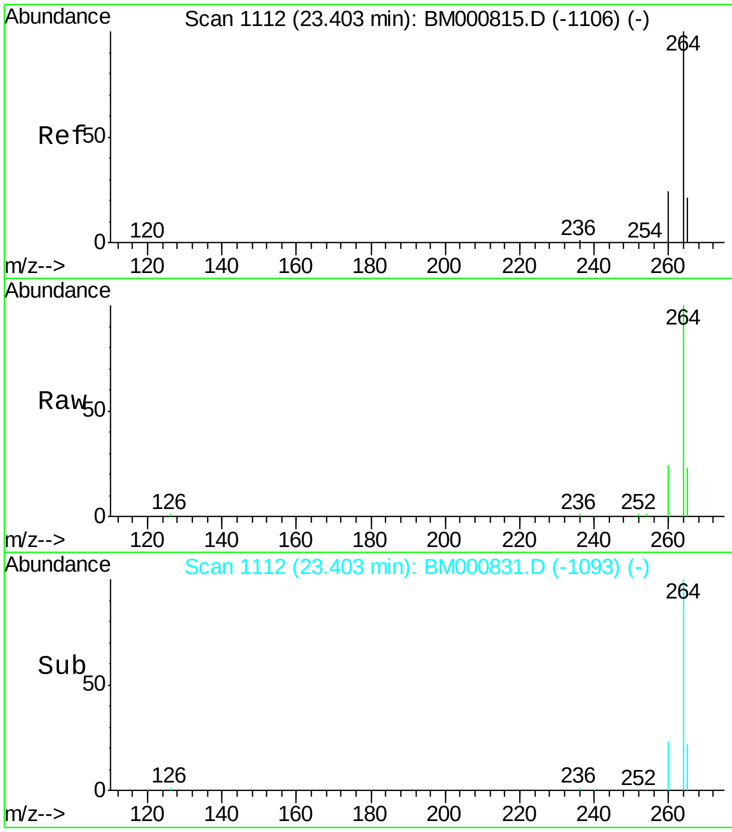


#33
3,3'-Dichlorobenzidine
Concen: 0.20 ng
RT: 21.14 min Scan# 966
Delta R.T. 0.02 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Tgt Ion:252 Resp: 19

Ion	Ratio	Lower	Upper
252	100		
254	86.1	44.5	66.7#
126	83.3	13.6	20.4#





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BM000831.D
Acq: 03 Apr 2015 07:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 93232

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.6	17.5	26.3