Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000823.D
Acq On : 03 Apr 2015 01:08
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SOIL-0.1/0.2
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-03-S

Quant Time: Apr 03 18:34:22 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 18:16:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	26190	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	123413	5.00	ng		0.00
19) Acenaphthene-d10	14.28	164	60998	5.00	ng		0.00
26) Phenanthrene-d10	17.01	188	158818	5.00	ng		0.00
30) Chrysene-d12	21.20	240	115700	5.00	ng		0.00
34) Perylene-d12	23.40	264	107751	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	90880	12.60	ng		0.00
5) Phenol-d6	6.77	99	153576	11.10	ng		0.00
12) Nitrobenzene-d5	8.77	82	42191	7.33	ng		0.00
20) 2,4,6-Tribromophenol	15.75	330	20018	7.78	ng		-0.02
23) 2-Fluorobiphenyl	12.87	172	178848	9.52	ng		0.00
32) Terphenyl-d14	19.66	244	147708	10.61	ng		0.00
Target Compounds							Qvalue
6) 2-Chlorophenol	7.17	128	686	0.27	ng		81
7) Phenol	6.81	94	911	0.08	ng		61
8) bis(2-Chloroethyl)ether	7.02	93	581m	0.27	ng		
9) 2-Methylphenol	8.06	107	534	0.22	ng	#	77
10) 3+4-Methylphenols	8.38	107	562	0.18	ng	#	72
13) Nitrobenzene	8.80	77	712	0.11	ng	#	82
14) 2-Nitrophenol	9.52	139	212	0.20	ng	#	12
15) 2,4-Dimethylphenol	9.58	122	420	0.06	ng	#	75
16) 2,4-Dichlorophenol	10.07	162	395	0.27	ng		79
17) Hexachlorobutadiene	10.75	225	387	0.08	ng	#	89
18) 4-Chloro-3-methylphenol	11.69	107	408	0.07	ng	#	89
21) 2,4,6-Trichlorophenol	12.70	196	184	0.16	ng	#	57
22) 2,4,5-Trichlorophenol	12.79	196	244	0.10	ng	#	65
25) 4-Nitrophenol	14.55	139	52m	0.25	ng		
28) Hexachlorobenzene	16.32	284	523	0.12	ng	#	1
31) Benzidine	19.30	184	596	0.25	ng		95
33) 3,3'-Dichlorobenzidine	21.14	252	602	0.25	ng	#	79

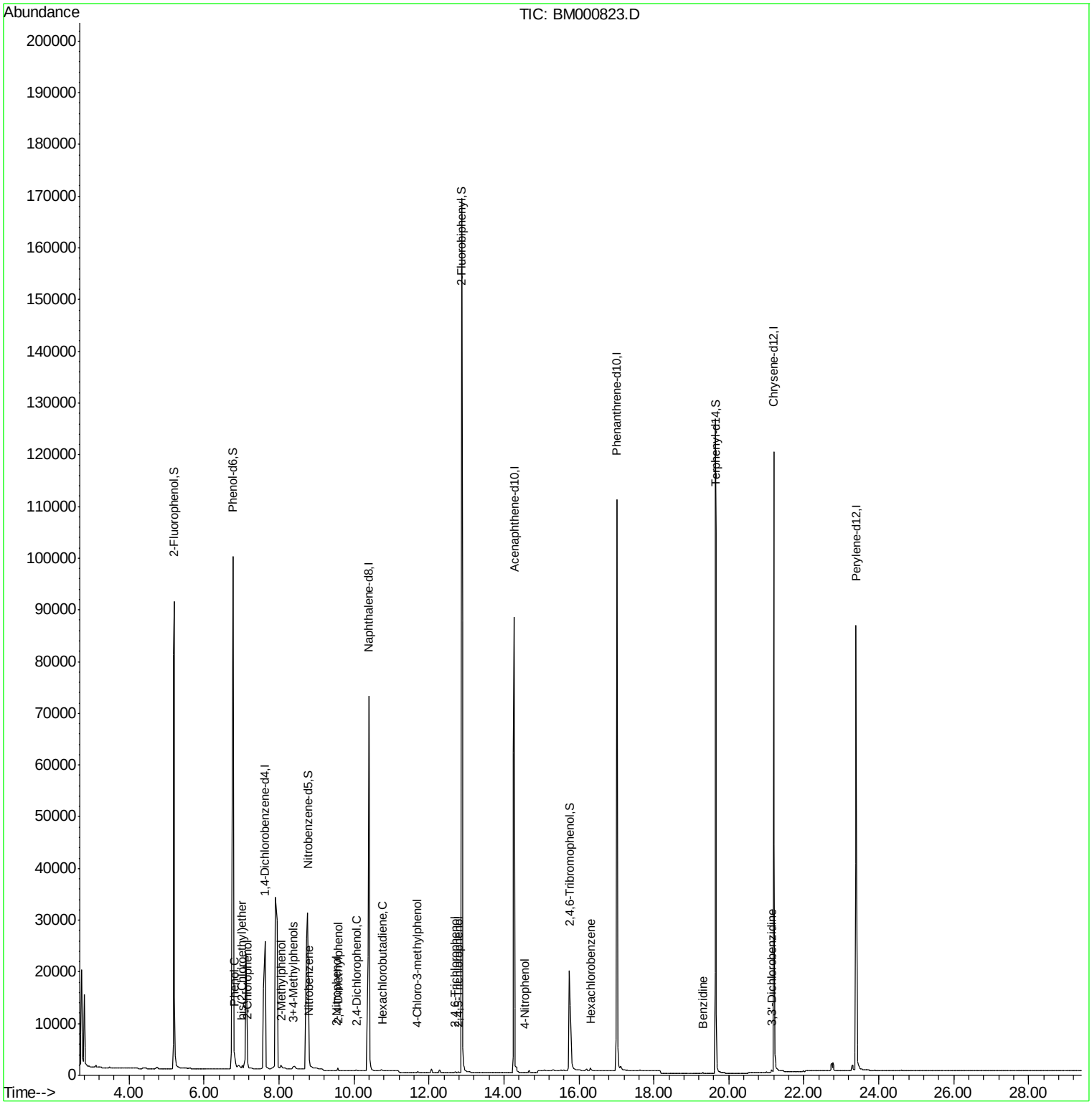
(#) = qualifier out of range (m) = manual integration (+) = signals summed

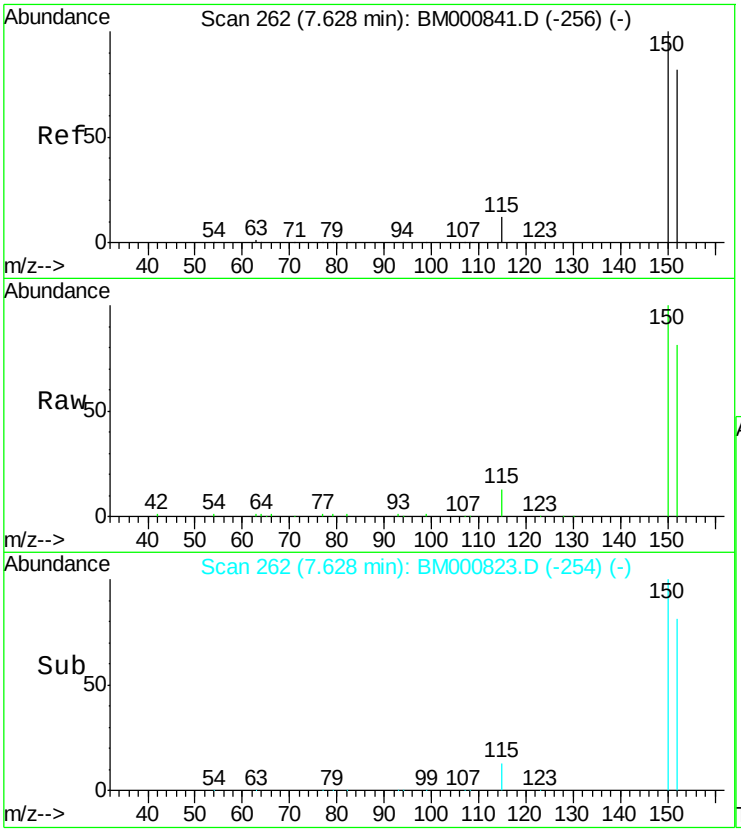
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000823.D
Acq On : 03 Apr 2015 01:08
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SOIL-0.1/0.2
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Quant Time: Apr 03 18:34:22 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 18:16:53 2015
Response via : Initial Calibration



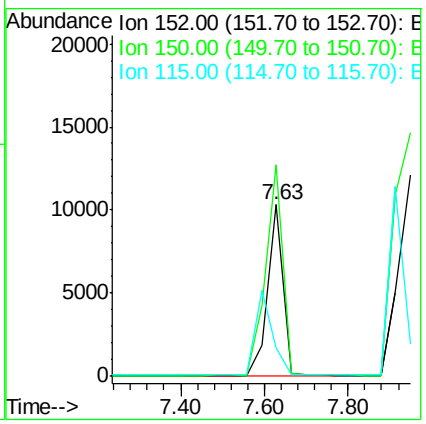


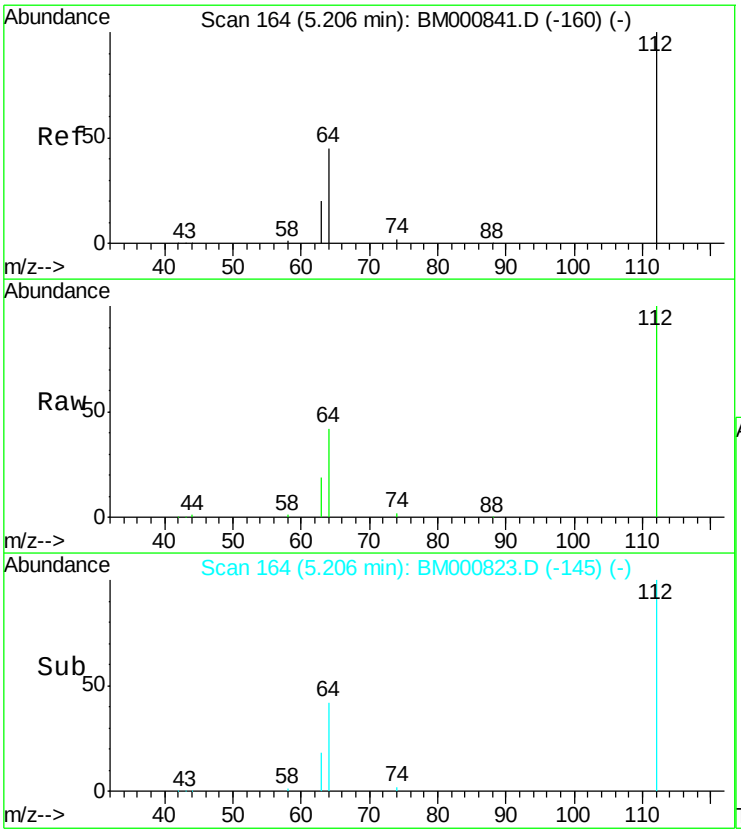
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:152 Resp: 26190

Ion	Ratio	Lower	Upper
152	100		
150	123.4	99.8	149.6
115	16.5	13.5	20.3

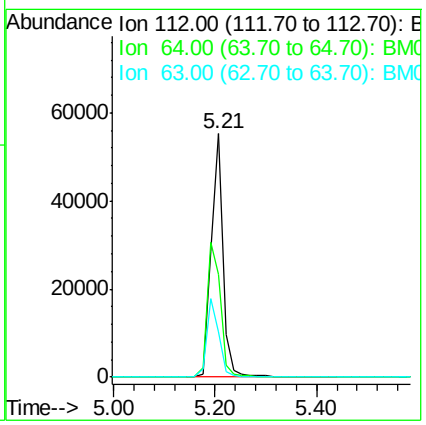


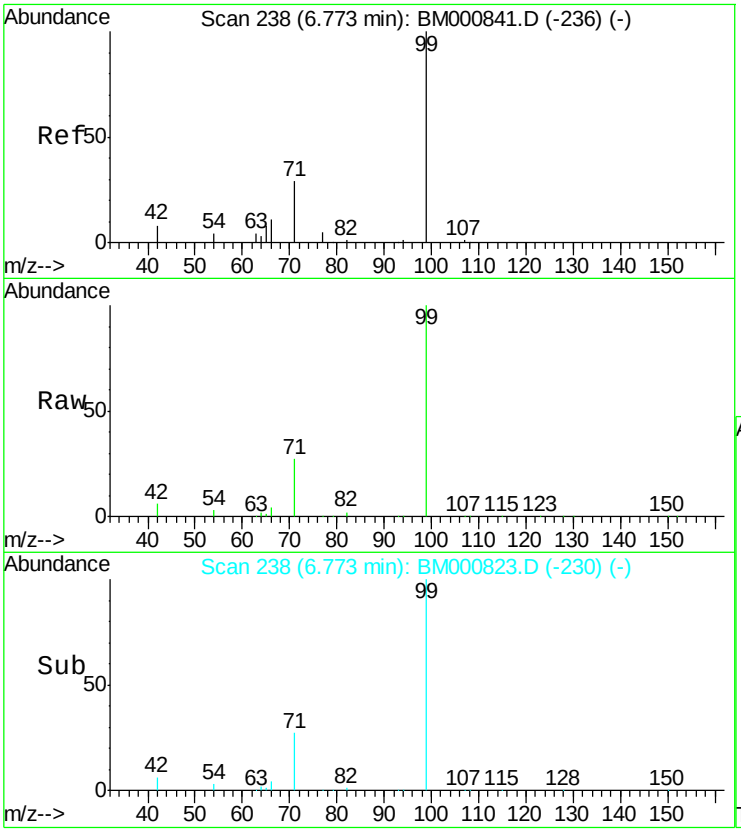


#4
2-Fluorophenol
Concen: 12.60 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:112 Resp: 90880

Ion	Ratio	Lower	Upper
112	100		
64	42.2	40.3	60.5
63	18.5	19.0	28.4#



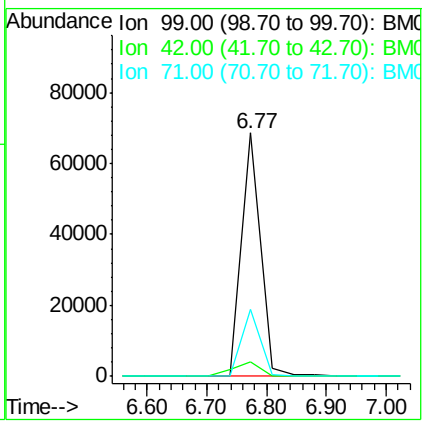


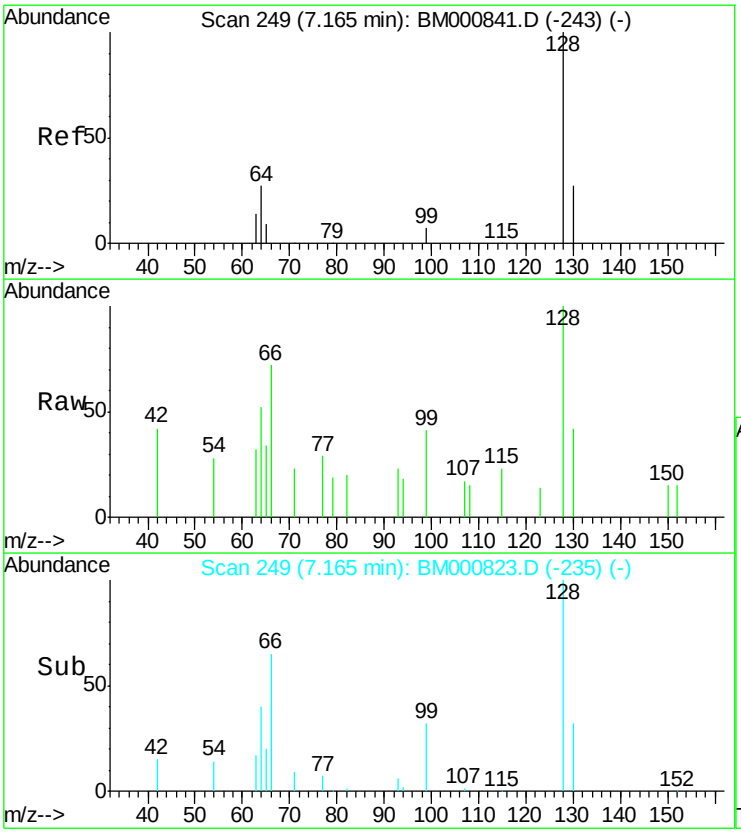
#5
Phenol-d6
Concen: 11.10 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion: 99 Resp: 153576

Ion	Ratio	Lower	Upper
99	100		
42	6.1	10.2	15.4#
71	27.4	28.6	43.0#

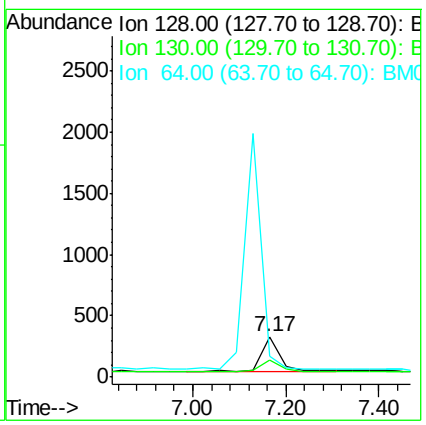


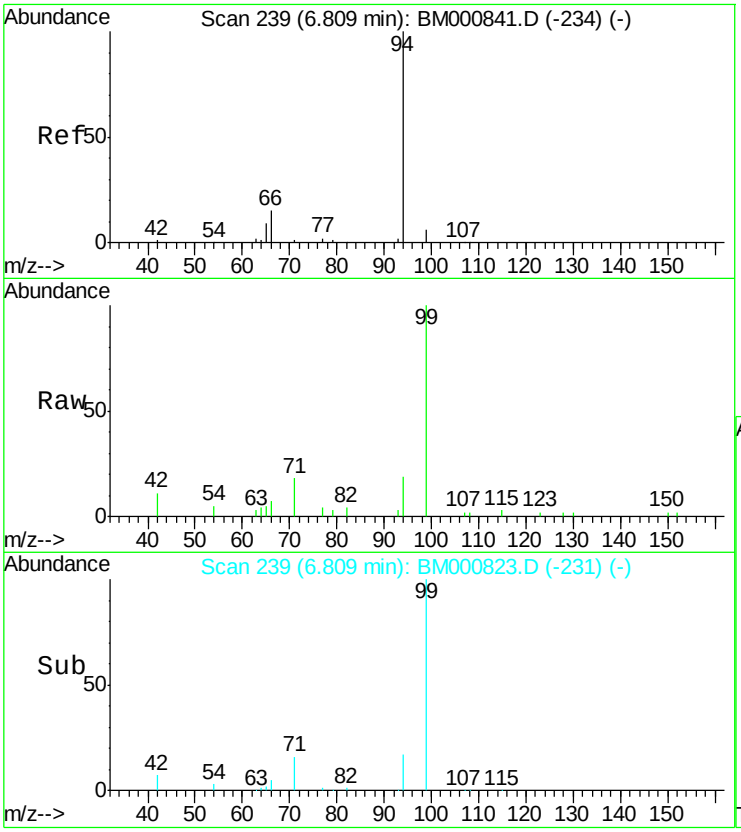


#6
2-Chlorophenol
Concen: 0.27 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:128 Resp: 686

Ion	Ratio	Lower	Upper
128	100		
130	42.0	7.6	47.6
64	51.7	23.1	63.1



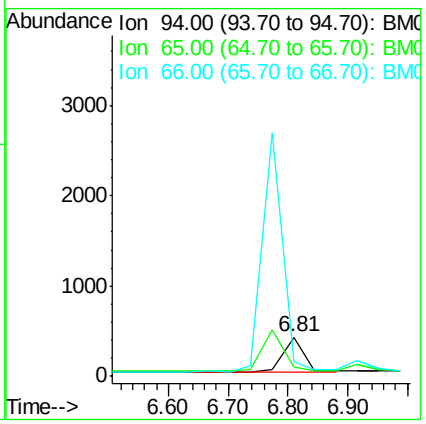


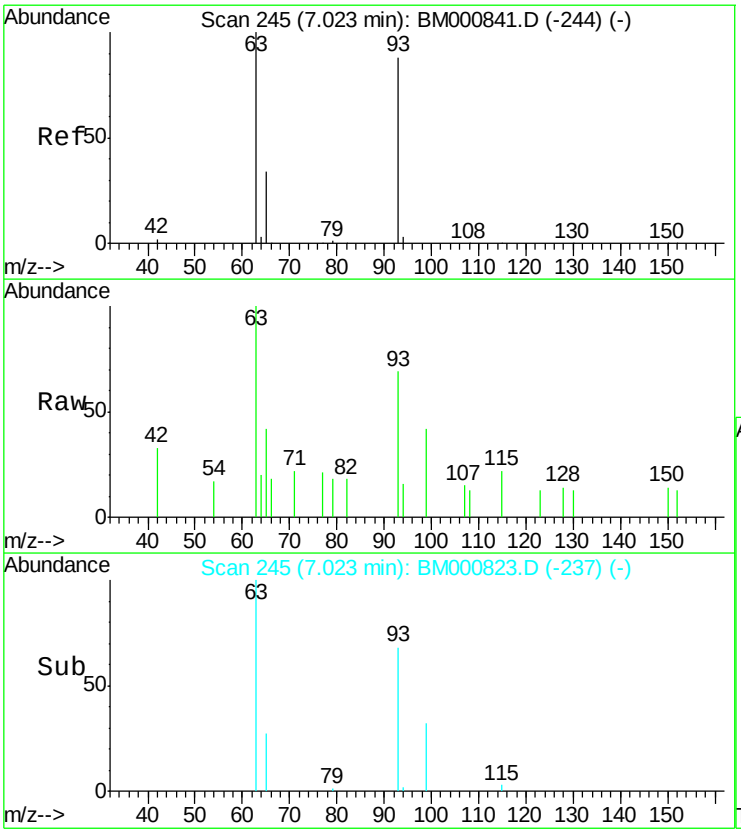
#7
Phenol
Concen: 0.08 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion: 94 Resp: 911

Ion	Ratio	Lower	Upper
94	100		
65	24.1	0.0	32.0
66	37.2	0.0	37.6

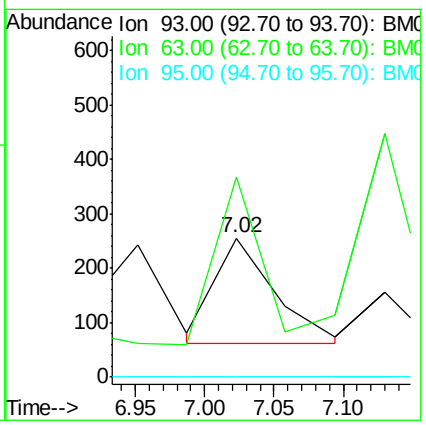


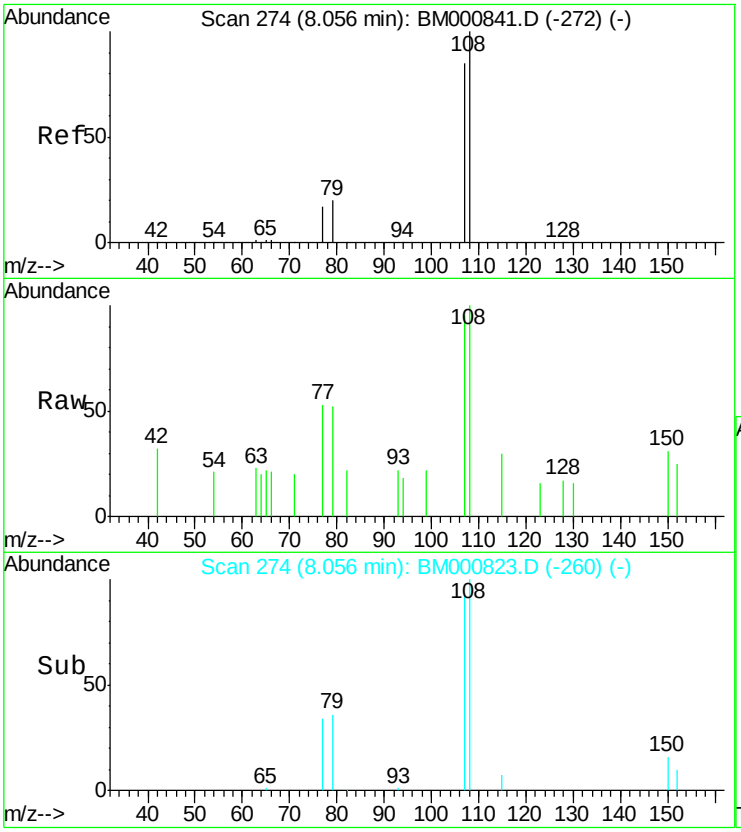


#8
bis(2-Chloroethyl)ether
Concen: 0.27 ng m
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion: 93 Resp: 581

Ion	Ratio	Lower	Upper
93	100		
63	143.9	118.9	158.9
95	0.0	0.0	20.0



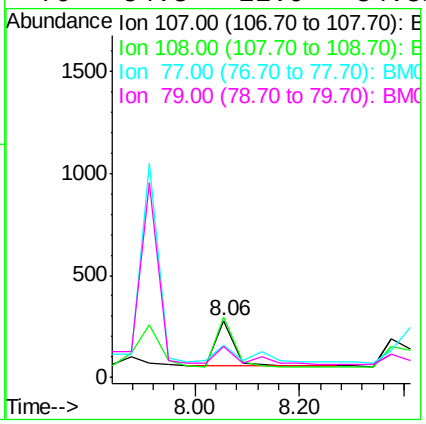


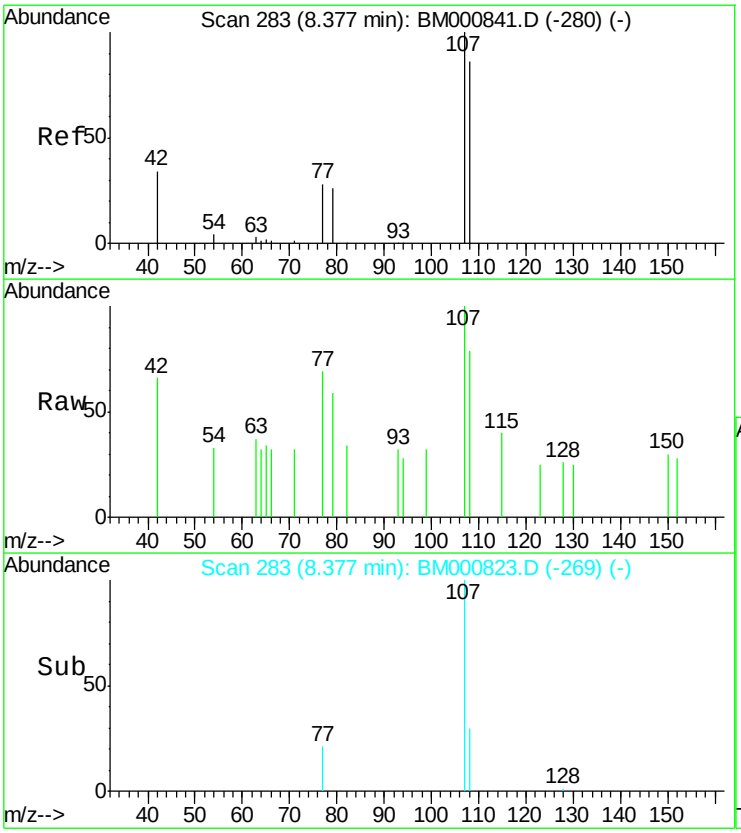
#9
2-Methylphenol
Concen: 0.22 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:107 Resp: 534

Ion	Ratio	Lower	Upper
107	100		
108	105.4	92.0	138.0
77	56.1	20.6	31.0#
79	54.3	22.9	34.3#

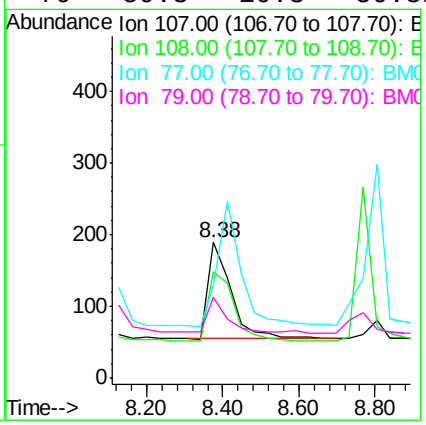


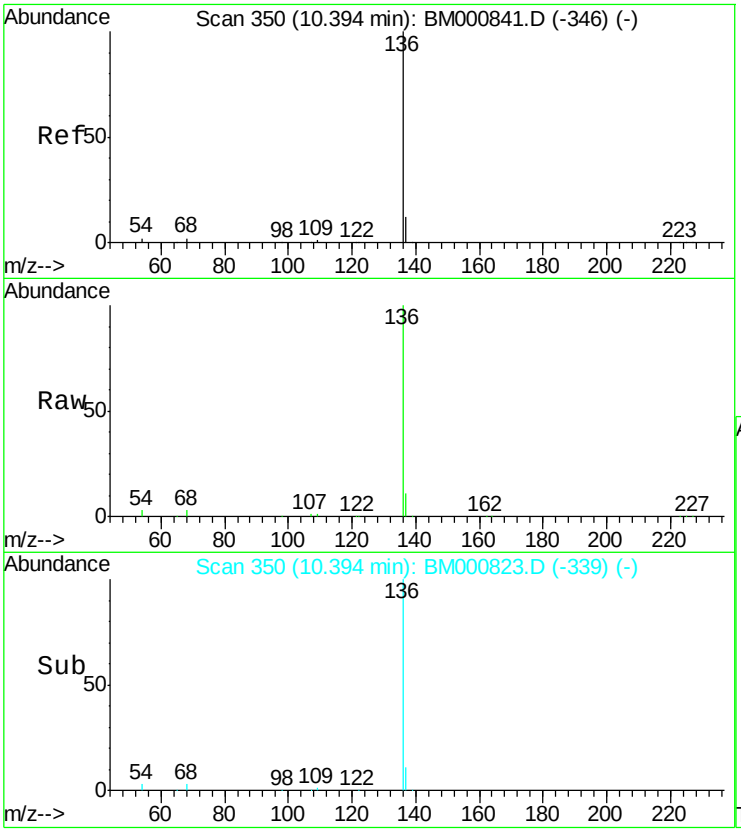


#10
3+4-Methylphenols
Concen: 0.18 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:107 Resp: 562

Ion	Ratio	Lower	Upper
107	100		
108	78.8	62.6	102.6
77	68.8	12.8	52.8#
79	59.3	10.3	50.3#



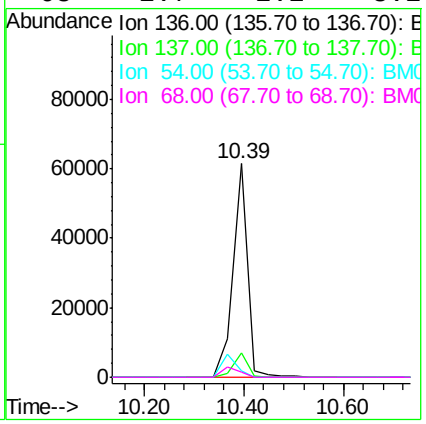


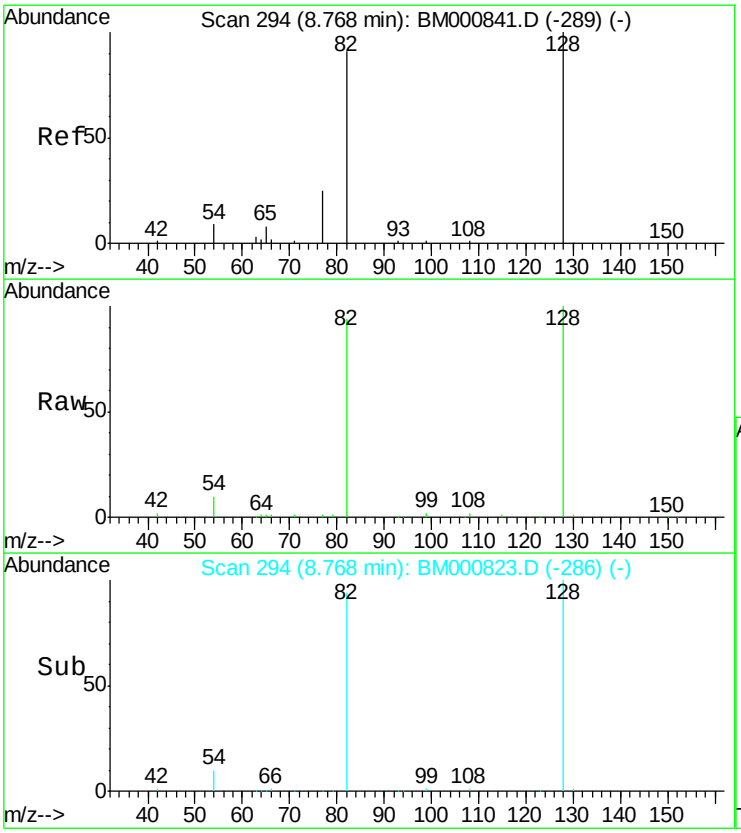
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:136 Resp: 123413

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	2.8	2.2	3.4
68	2.7	2.2	3.2

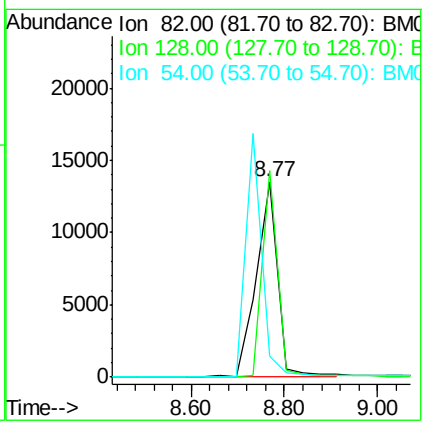


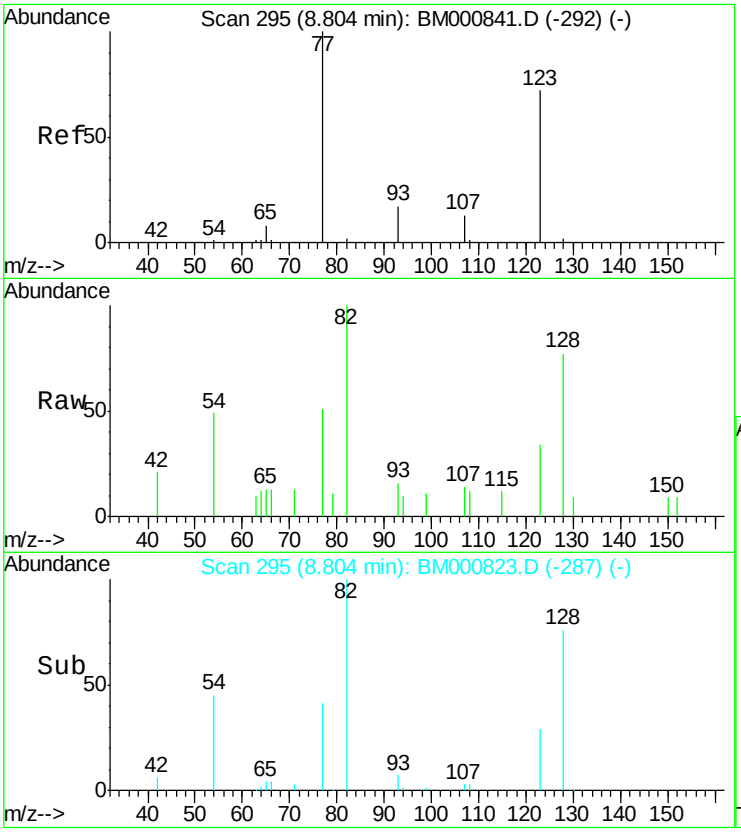


#12
Nitrobenzene-d5
Concen: 7.33 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion: 82 Resp: 42191

Ion	Ratio	Lower	Upper
82	100		
128	105.9	72.5	108.7
54	10.8	11.8	17.8#



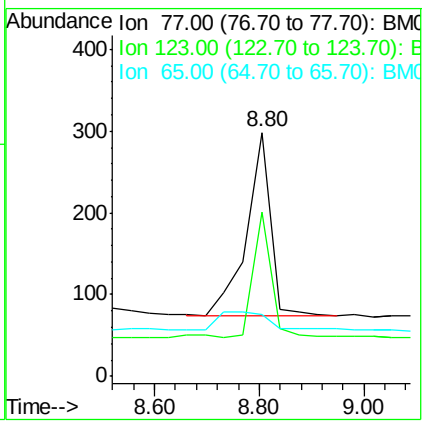


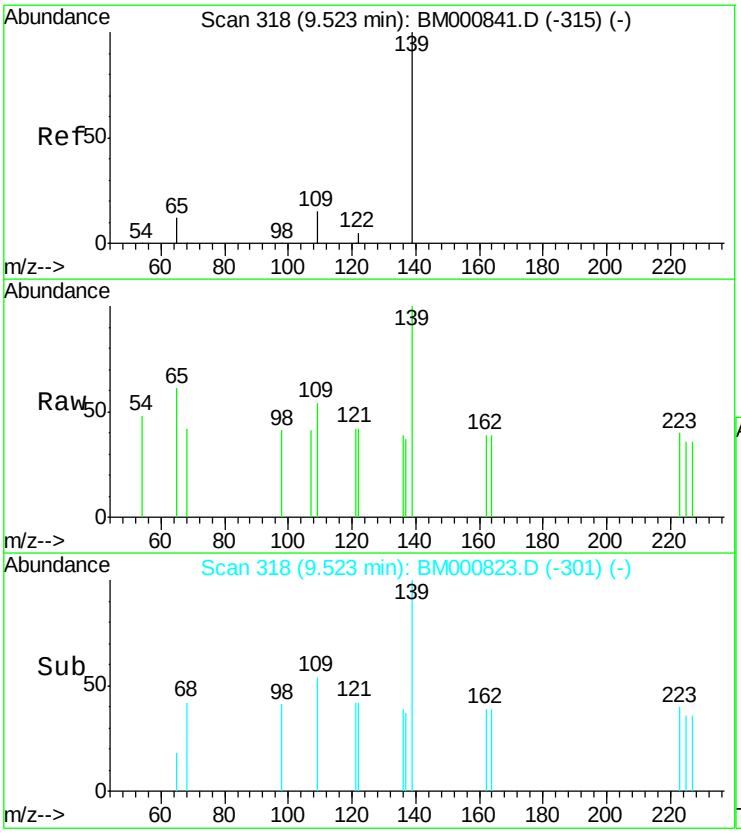
#13
Nitrobenzene
Concen: 0.11 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion: 77 Resp: 712

Ion	Ratio	Lower	Upper
77	100		
123	67.4	45.8	68.6
65	25.5	8.2	12.4#

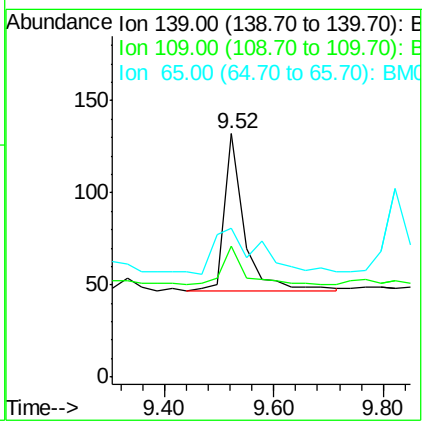


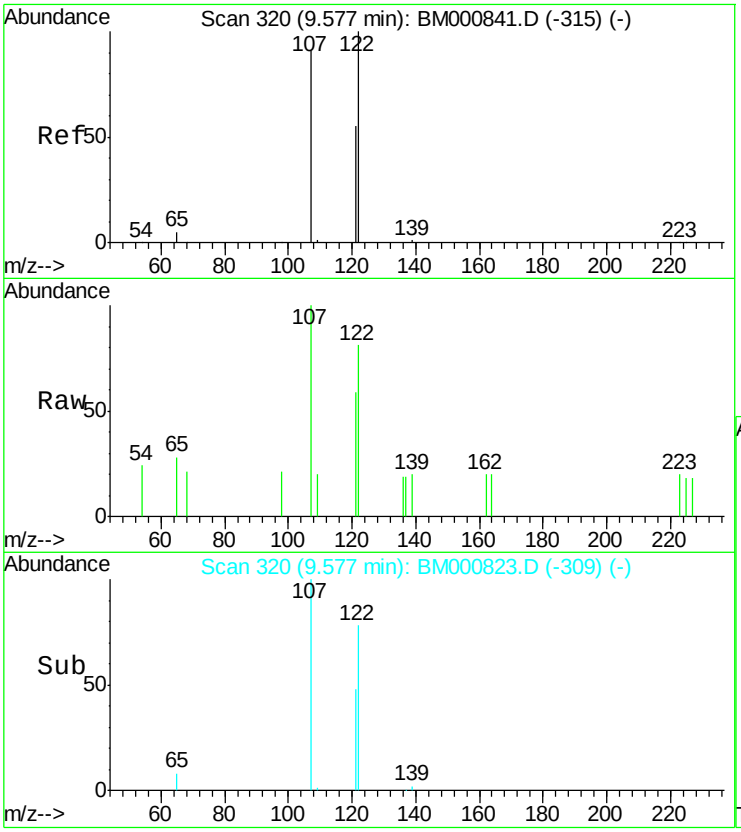


#14
2-Nitrophenol
Concen: 0.20 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:139 Resp: 212

Ion	Ratio	Lower	Upper
139	100		
109	53.8	15.0	22.6#
65	61.4	14.2	21.4#



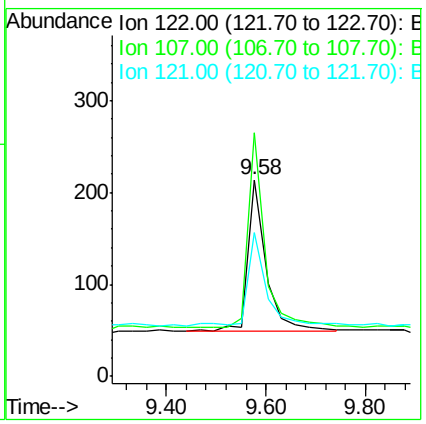


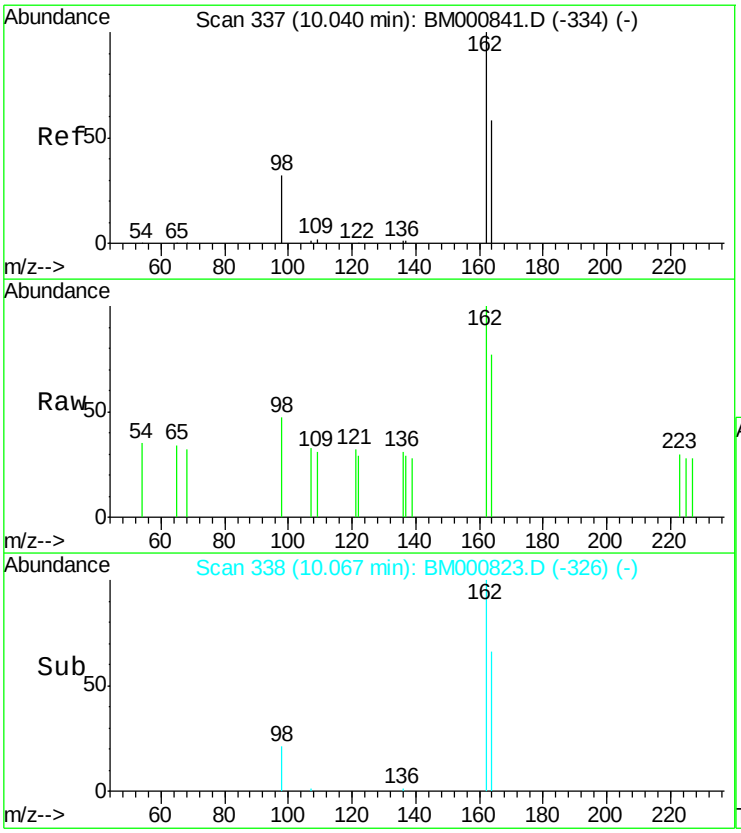
#15
2,4-Dimethylphenol
Concen: 0.06 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:122 Resp: 420

Ion	Ratio	Lower	Upper
122	100		
107	123.8	78.2	117.4#
121	73.4	45.4	68.0#

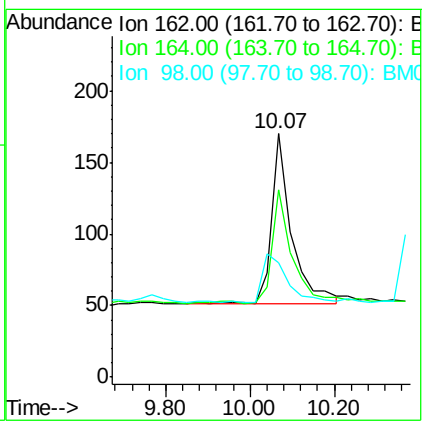


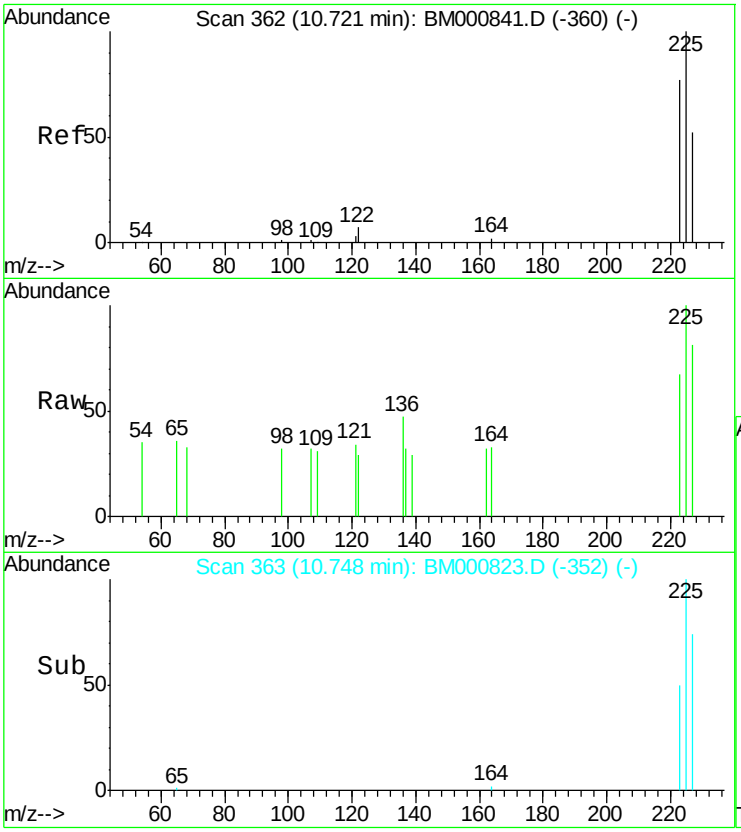


#16
2,4-Dichlorophenol
Concen: 0.27 ng
RT: 10.07 min Scan# 338
Delta R.T. 0.03 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:162 Resp: 395

Ion	Ratio	Lower	Upper
162	100		
164	77.1	37.1	77.1
98	47.1	19.5	59.5



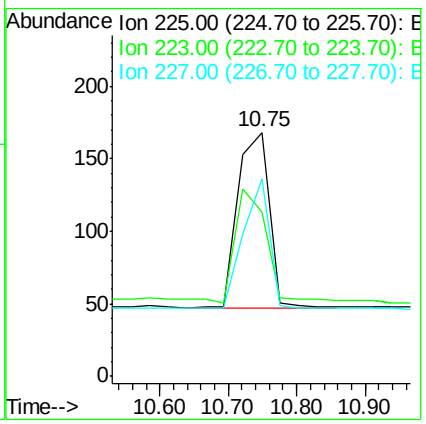


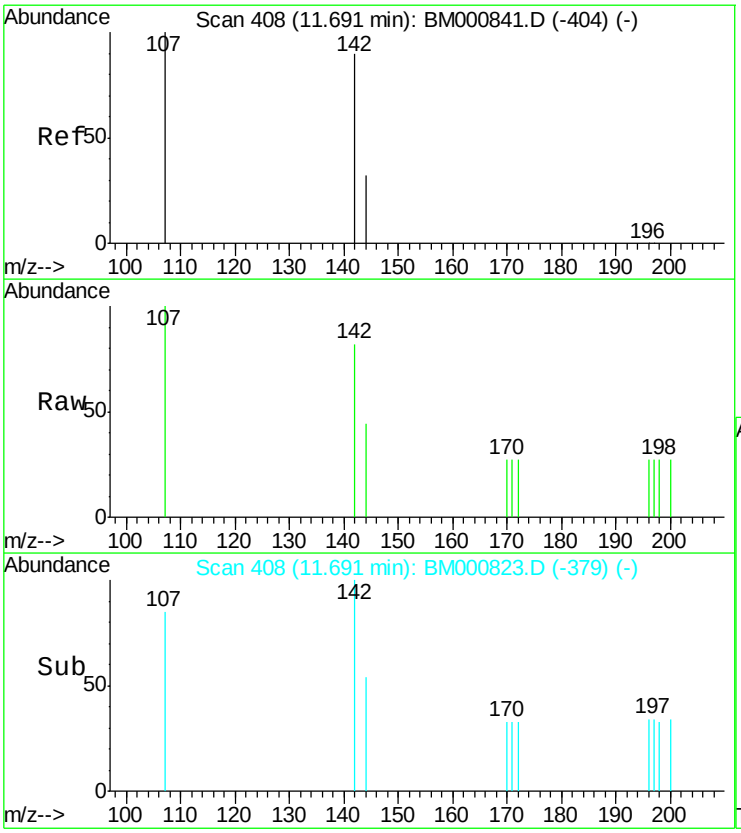
#17
Hexachlorobutadiene
Concen: 0.08 ng
RT: 10.75 min Scan# 363
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:225 Resp: 387

Ion	Ratio	Lower	Upper
225	100		
223	67.3	40.8	61.2#
227	81.0	62.8	94.2

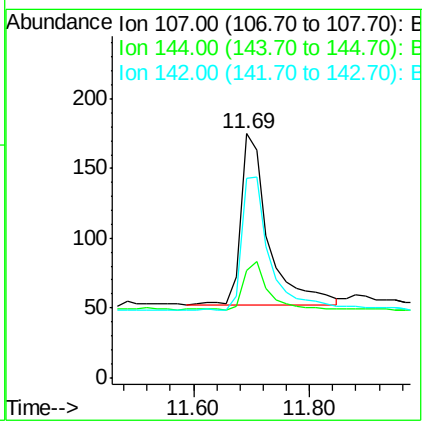


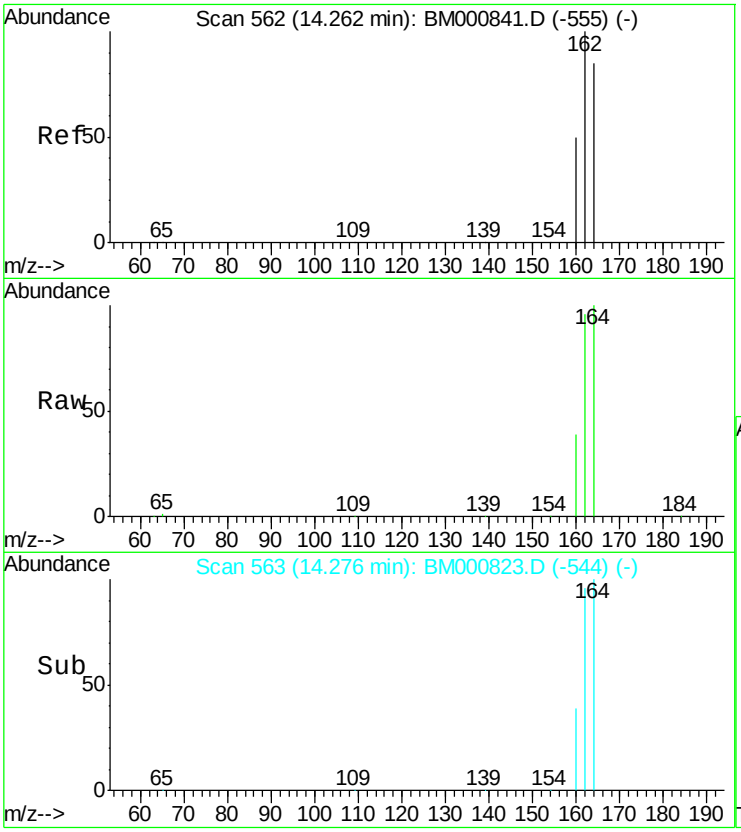


#18
4-Chloro-3-methylphenol
Concen: 0.07 ng
RT: 11.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:107 Resp: 408

Ion	Ratio	Lower	Upper
107	100		
144	44.0	25.8	38.8#
142	81.7	71.3	106.9



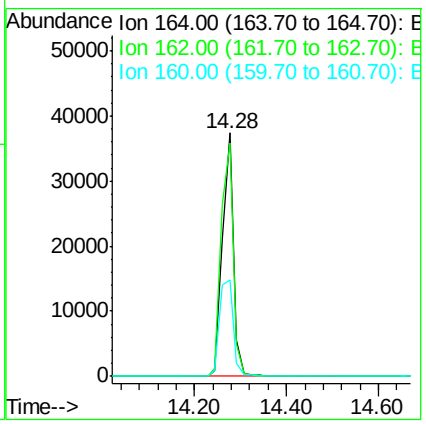


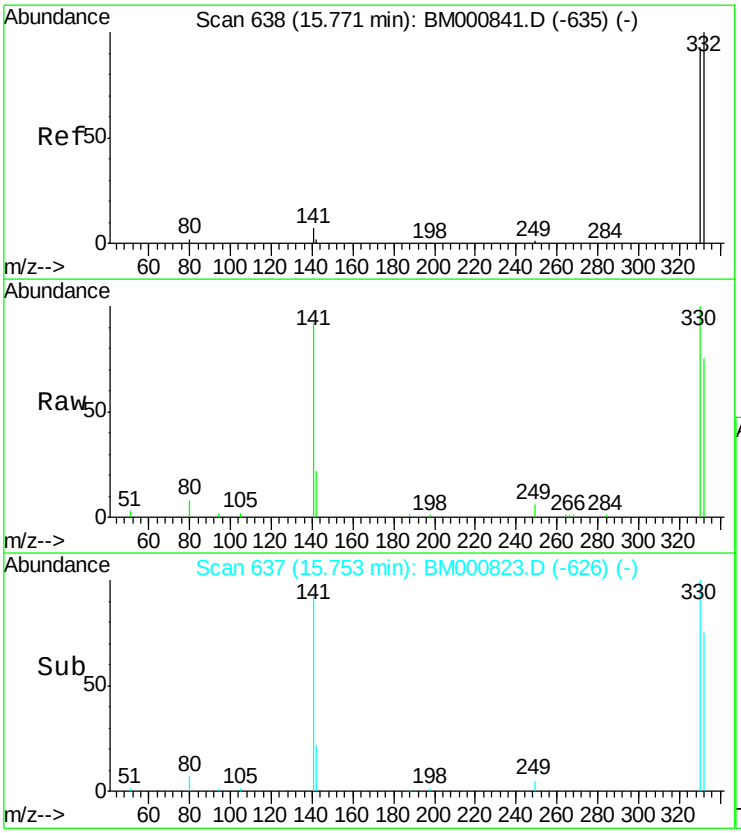
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:164 Resp: 60998

Ion	Ratio	Lower	Upper
164	100		
162	95.9	74.2	111.2
160	39.5	30.4	45.6

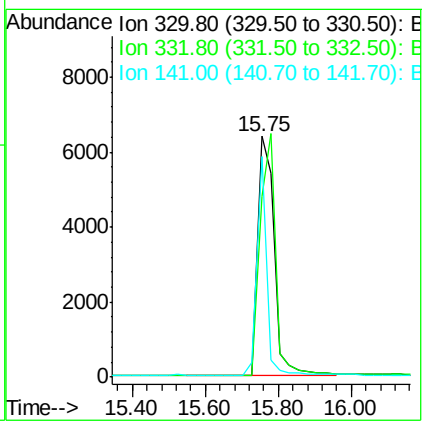


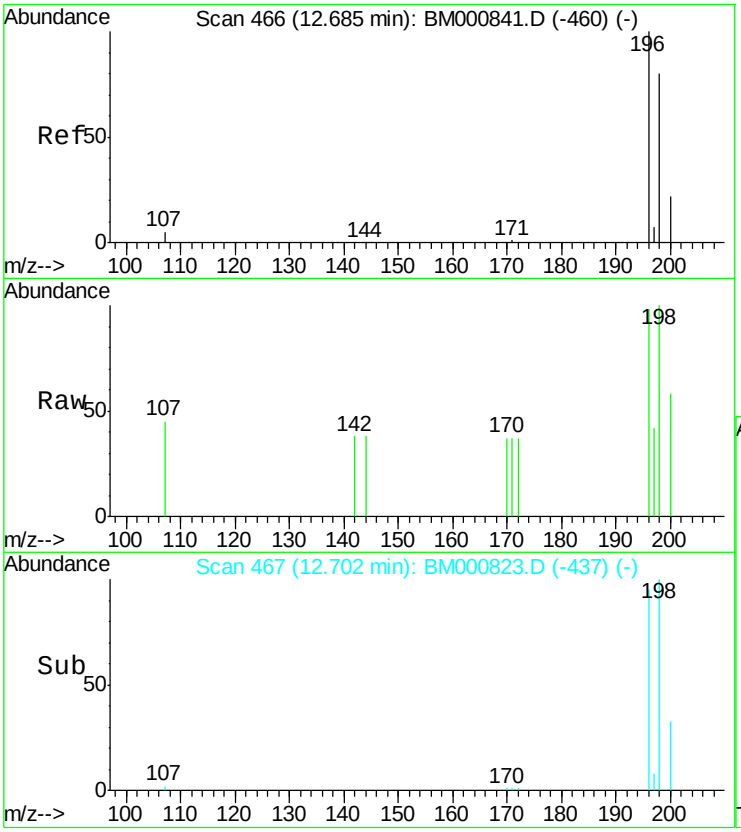


#20
2,4,6-Tribromophenol
Concen: 7.78 ng
RT: 15.75 min Scan# 637
Delta R.T. -0.02 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:330 Resp: 20018

Ion	Ratio	Lower	Upper
330	100		
332	0.0	78.7	118.1#
141	53.3	0.0	0.0#



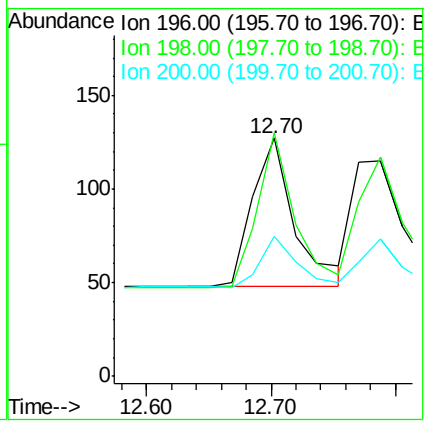


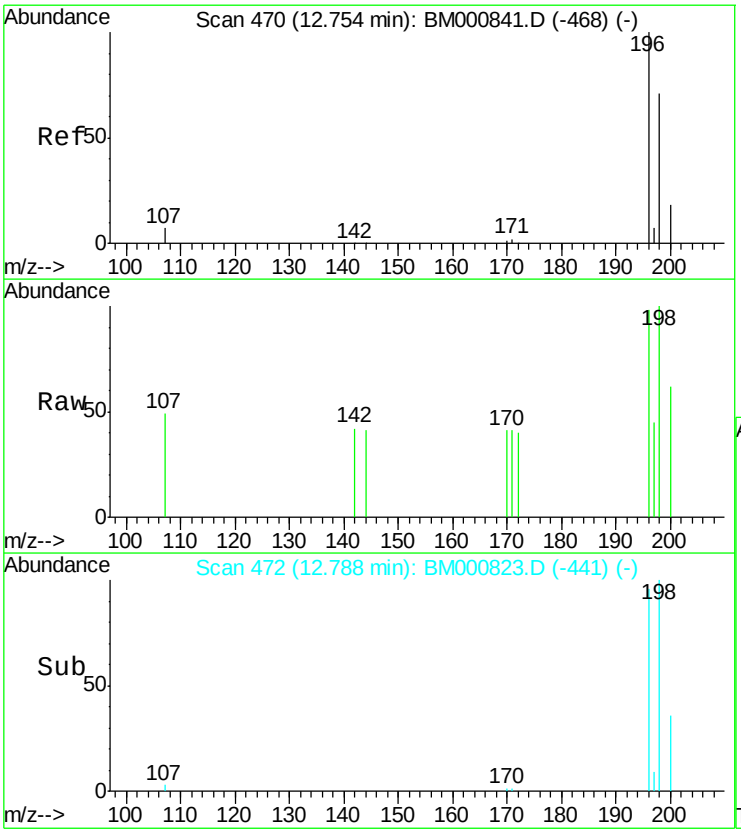
#21
2,4,6-Trichlorophenol
Concen: 0.16 ng
RT: 12.70 min Scan# 467
Delta R.T. 0.02 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:196 Resp: 184

Ion	Ratio	Lower	Upper
196	100		
198	102.4	59.5	89.3#
200	59.1	17.4	26.0#

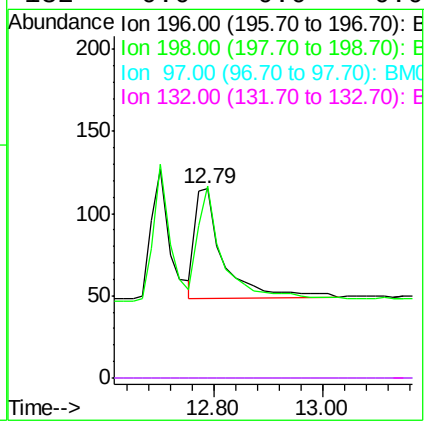


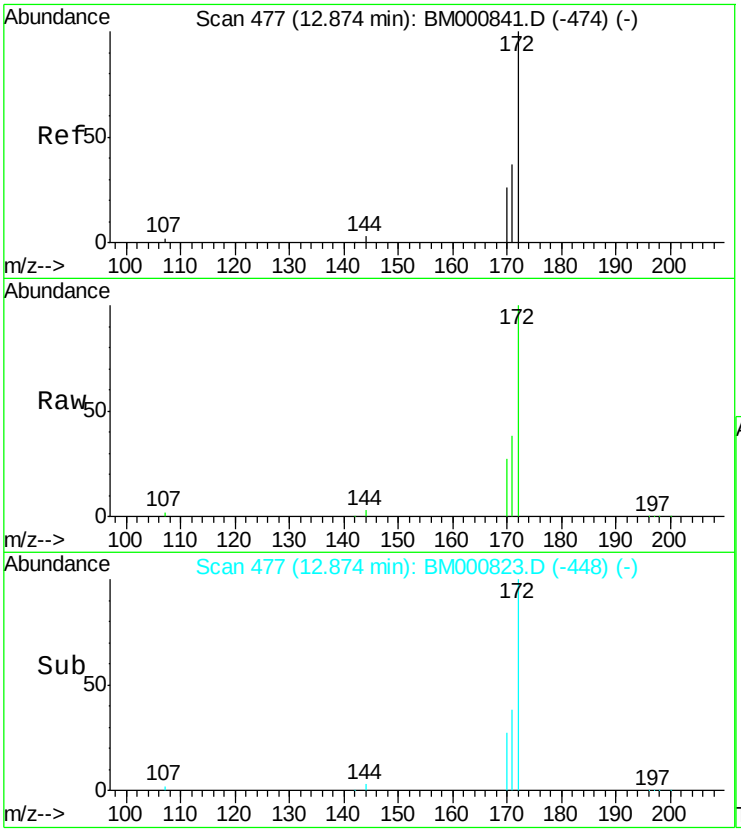


#22
2,4,5-Trichlorophenol
Concen: 0.10 ng
RT: 12.79 min Scan# 472
Delta R.T. 0.04 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:196 Resp: 244

Ion	Ratio	Lower	Upper
196	100		
198	101.7	57.9	86.9#
97	0.0	0.0	0.0
132	0.0	0.0	0.0



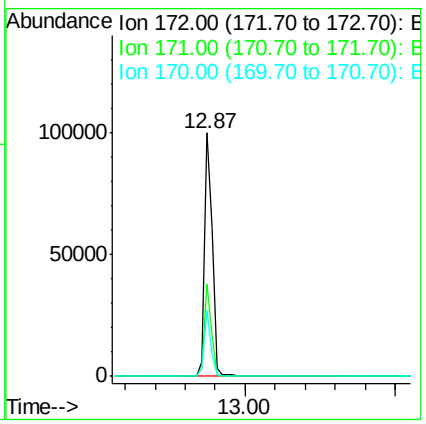


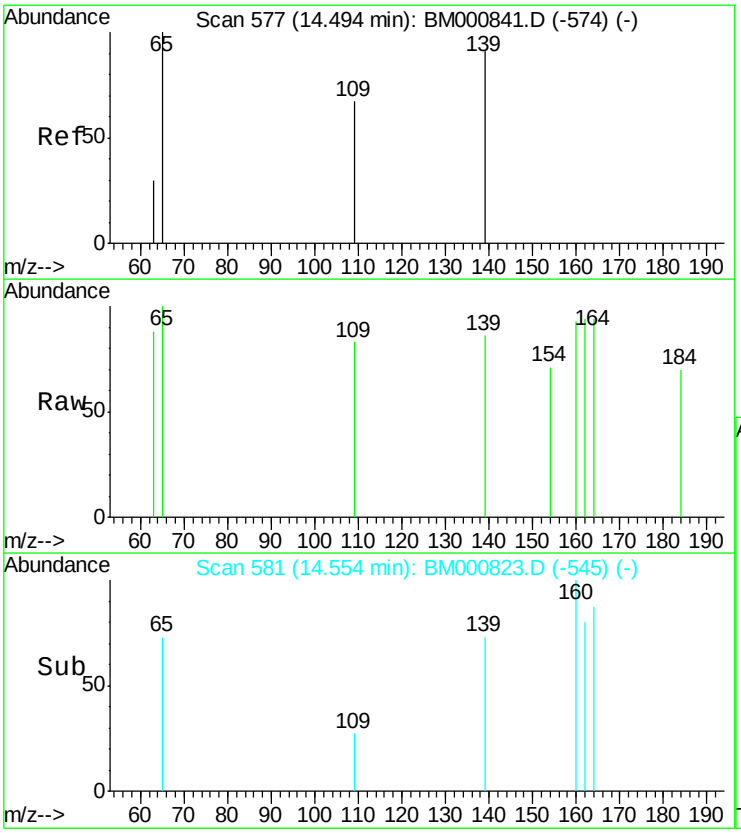
#23
2-Fluorobiphenyl
Concen: 9.52 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:172 Resp: 178848

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	27.0	22.2	33.2

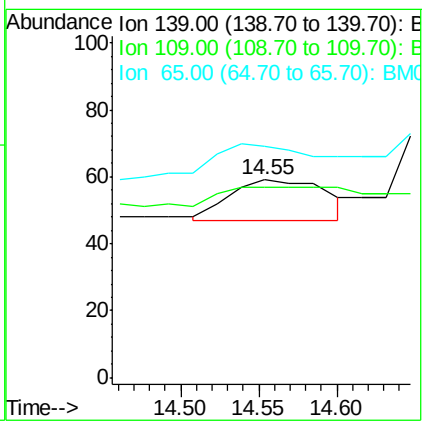


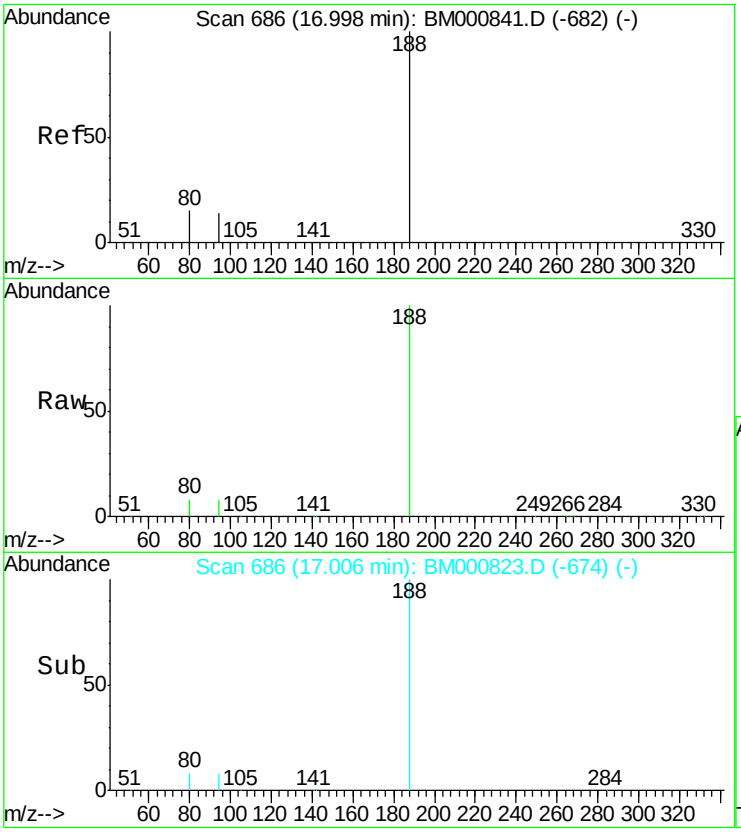


#25
4-Nitrophenol
Concen: 0.25 ng m
RT: 14.55 min Scan# 581
Delta R.T. 0.06 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:139 Resp: 52

Ion	Ratio	Lower	Upper
139	100		
109	96.6	58.2	98.2
65	116.9	90.4	130.4



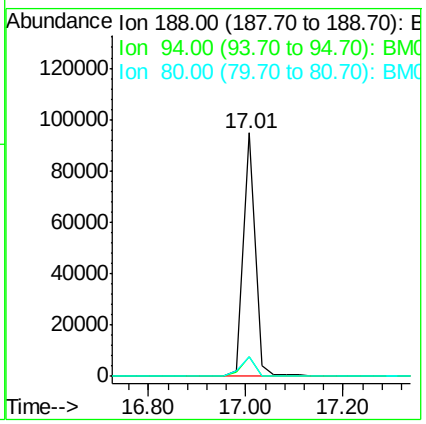


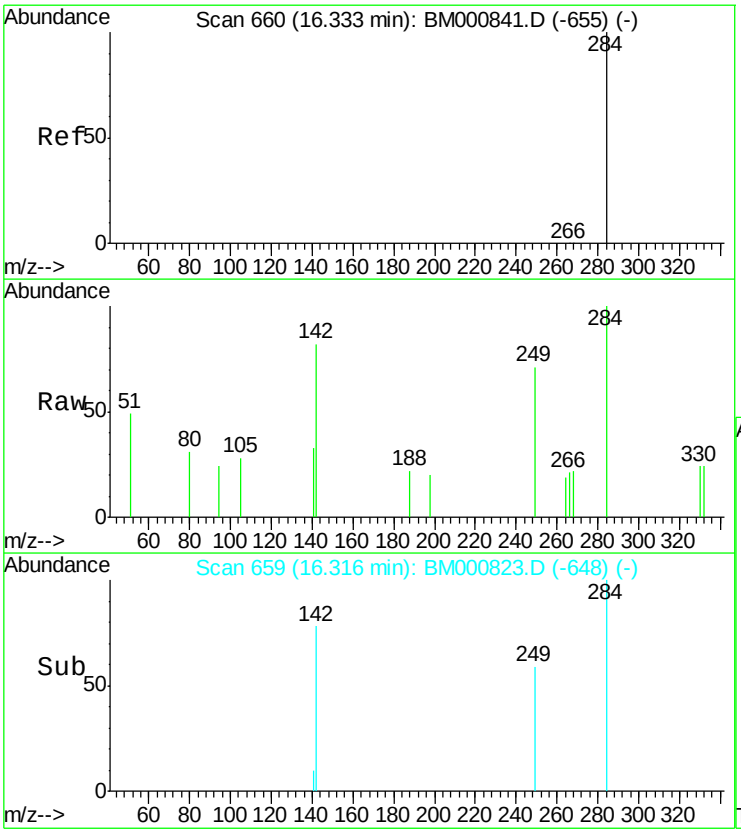
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 686
Delta R.T. 0.01 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:188 Resp: 158818

Ion	Ratio	Lower	Upper
188	100		
94	8.3	13.0	19.6#
80	8.0	14.7	22.1#

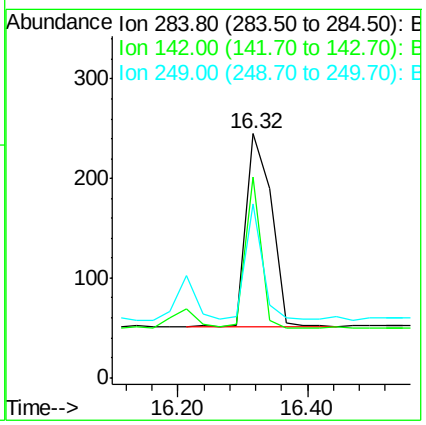


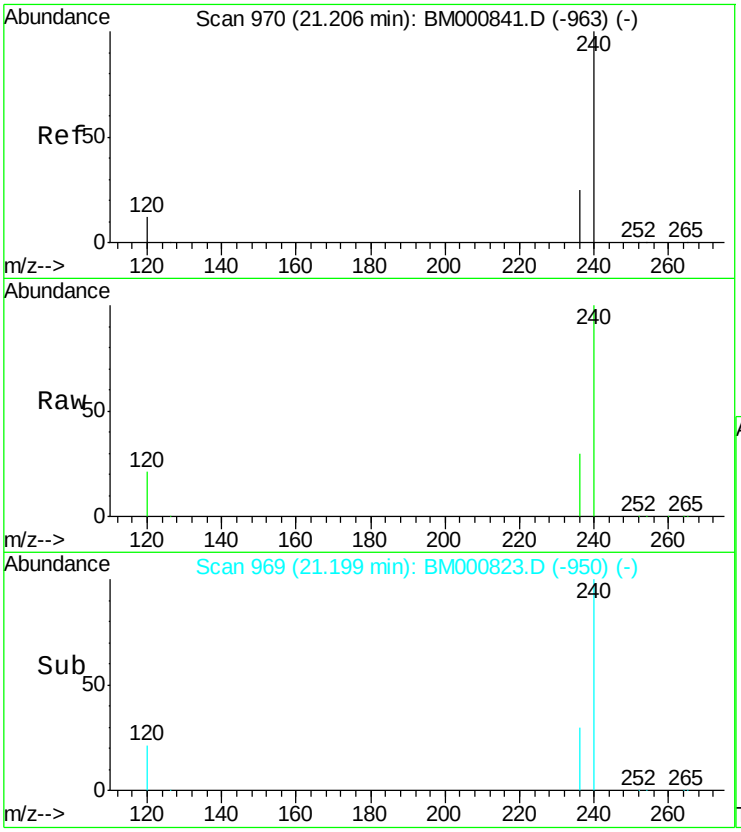


#28
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.32 min Scan# 659
Delta R.T. -0.02 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:284 Resp: 523

Ion	Ratio	Lower	Upper
284	100		
142	82.4	6.5	9.7#
249	71.0	12.6	18.8#



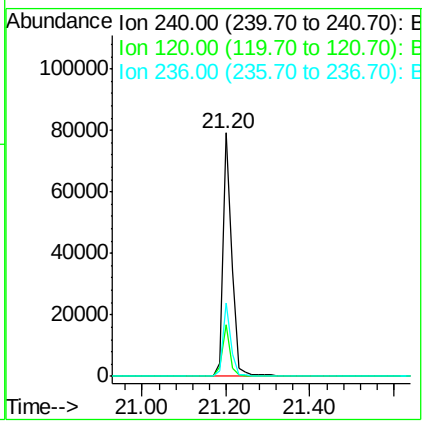


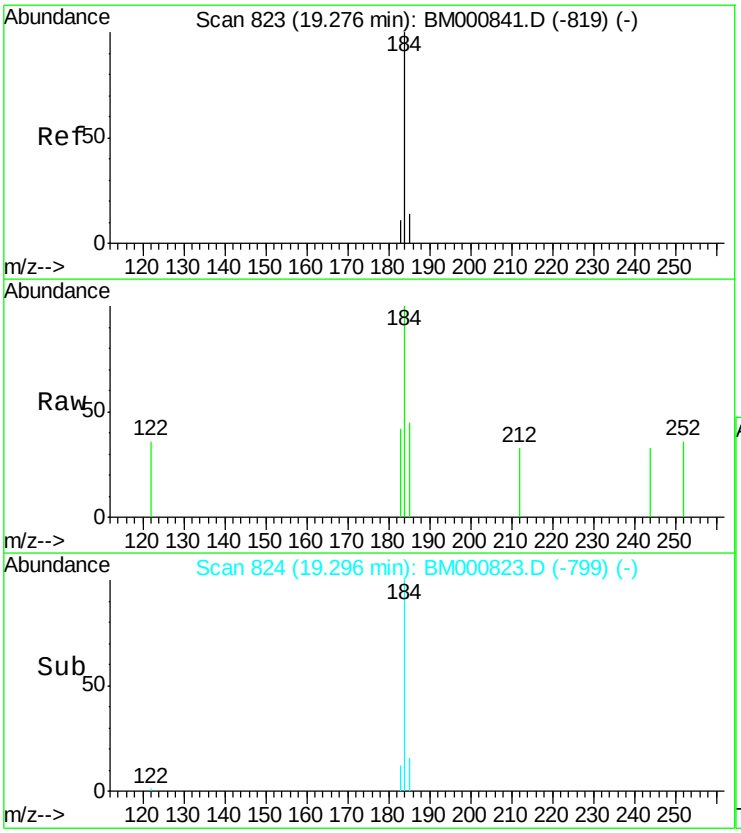
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:240 Resp: 115700

Ion	Ratio	Lower	Upper
240	100		
120	21.0	11.3	16.9#
236	30.3	21.1	31.7

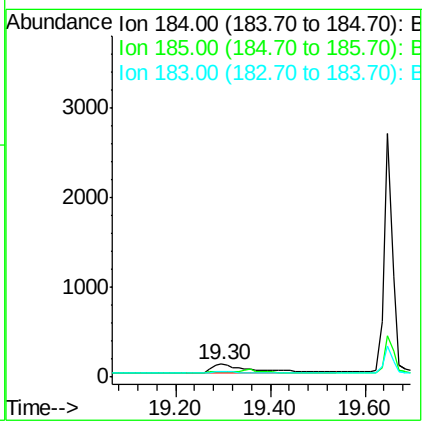


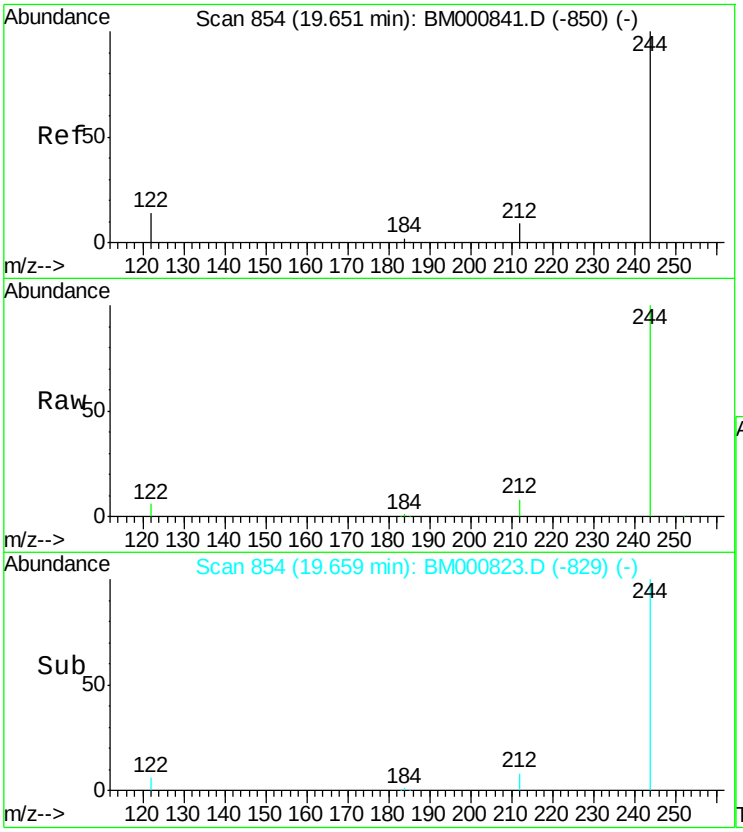


#31
Benzidine
Concen: 0.25 ng
RT: 19.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:184 Resp: 596

Ion	Ratio	Lower	Upper
184	100		
185	45.1	39.1	58.7
183	41.7	36.1	54.1



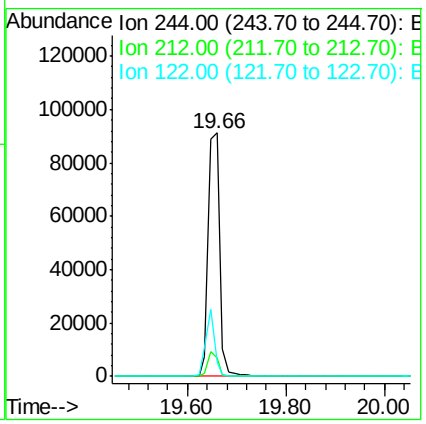


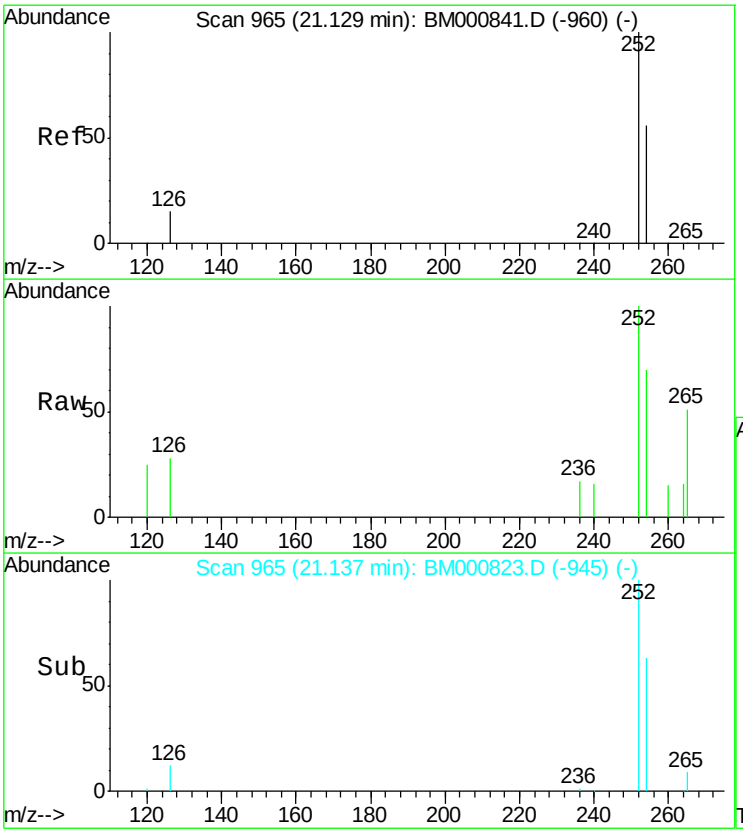
#32
Terphenyl-d14
Concen: 10.61 ng
RT: 19.66 min Scan# 854
Delta R.T. 0.01 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:244 Resp: 147708

Ion	Ratio	Lower	Upper
244	100		
212	7.8	8.0	12.0#
122	5.7	14.7	22.1#

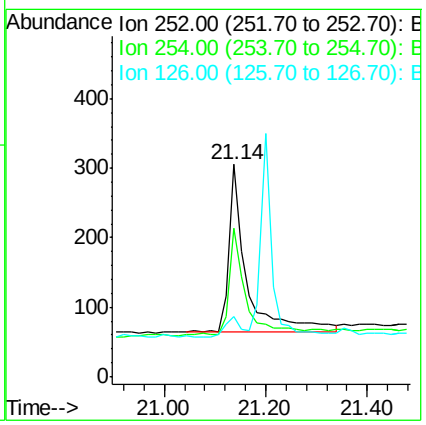


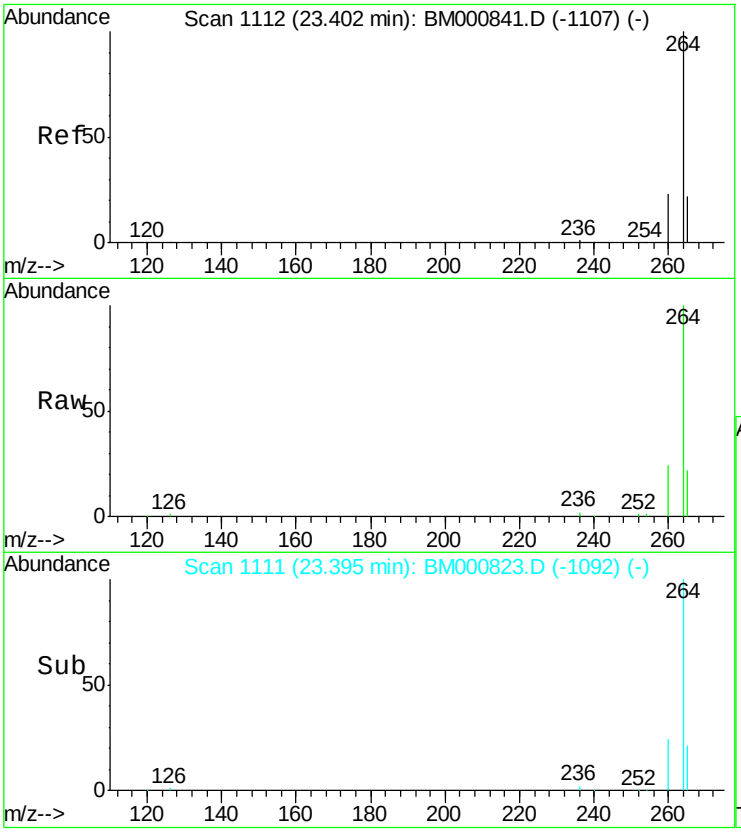


#33
3,3'-Dichlorobenzidine
Concen: 0.25 ng
RT: 21.14 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Tgt Ion:252 Resp: 602

Ion	Ratio	Lower	Upper
252	100		
254	69.8	44.5	66.7#
126	28.2	13.6	20.4#





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM000823.D
Acq: 03 Apr 2015 01:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:264 Resp: 107751

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.7	17.5	26.3