Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000811.D
Acq On : 02 Apr 2015 17:57
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.1

Quant Time: Apr 03 18:11:07 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 17:33:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	29650	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	136382	5.00	ng		0.00
19) Acenaphthene-d10	14.28	164	66317	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	133836	5.00	ng		0.00
30) Chrysene-d12	21.21	240	126845	5.00	ng		0.00
34) Perylene-d12	23.40	264	117903	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	781	0.10	ng		0.00
5) Phenol-d6	6.77	99	787	0.07	ng		0.00
12) Nitrobenzene-d5	8.77	82	701	0.11	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	155	0.08	ng		0.00
23) 2-Fluorobiphenyl	12.89	172	2093	0.10	ng		0.02
32) Terphenyl-d14	19.65	244	1465	0.10	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.46	42	351	0.09	ng	#	1
6) 2-Chlorophenol	7.17	128	690	0.09	ng	#	50
7) Phenol	6.81	94	1097	0.09	ng		61
8) bis(2-Chloroethyl)ether	7.02	93	776m	0.09	ng		
9) 2-Methylphenol	8.06	107	708	0.08	ng	#	70
10) 3+4-Methylphenols	8.41	107	688	0.07	ng	#	51
13) Nitrobenzene	8.80	77	695	0.09	ng	#	67
14) 2-Nitrophenol	9.52	139	575	0.17	ng	#	22
15) 2,4-Dimethylphenol	9.58	122	675	0.09	ng	#	81
16) 2,4-Dichlorophenol	10.07	162	554	0.08	ng		85
17) Hexachlorobutadiene	10.75	225	520	0.10	ng		93
18) 4-Chloro-3-methylphenol	11.69	107	617	0.09	ng		90
21) 2,4,6-Trichlorophenol	12.70	196	270	0.08	ng	#	63
22) 2,4,5-Trichlorophenol	12.77	196	362	0.08	ng		83
28) Hexachlorobenzene	16.33	284	809	0.11	ng	#	75
31) Benzidine	19.30	184	965	0.19	ng	#	80
33) 3,3'-Dichlorobenzidine	21.14	252	758	0.09	ng	#	75

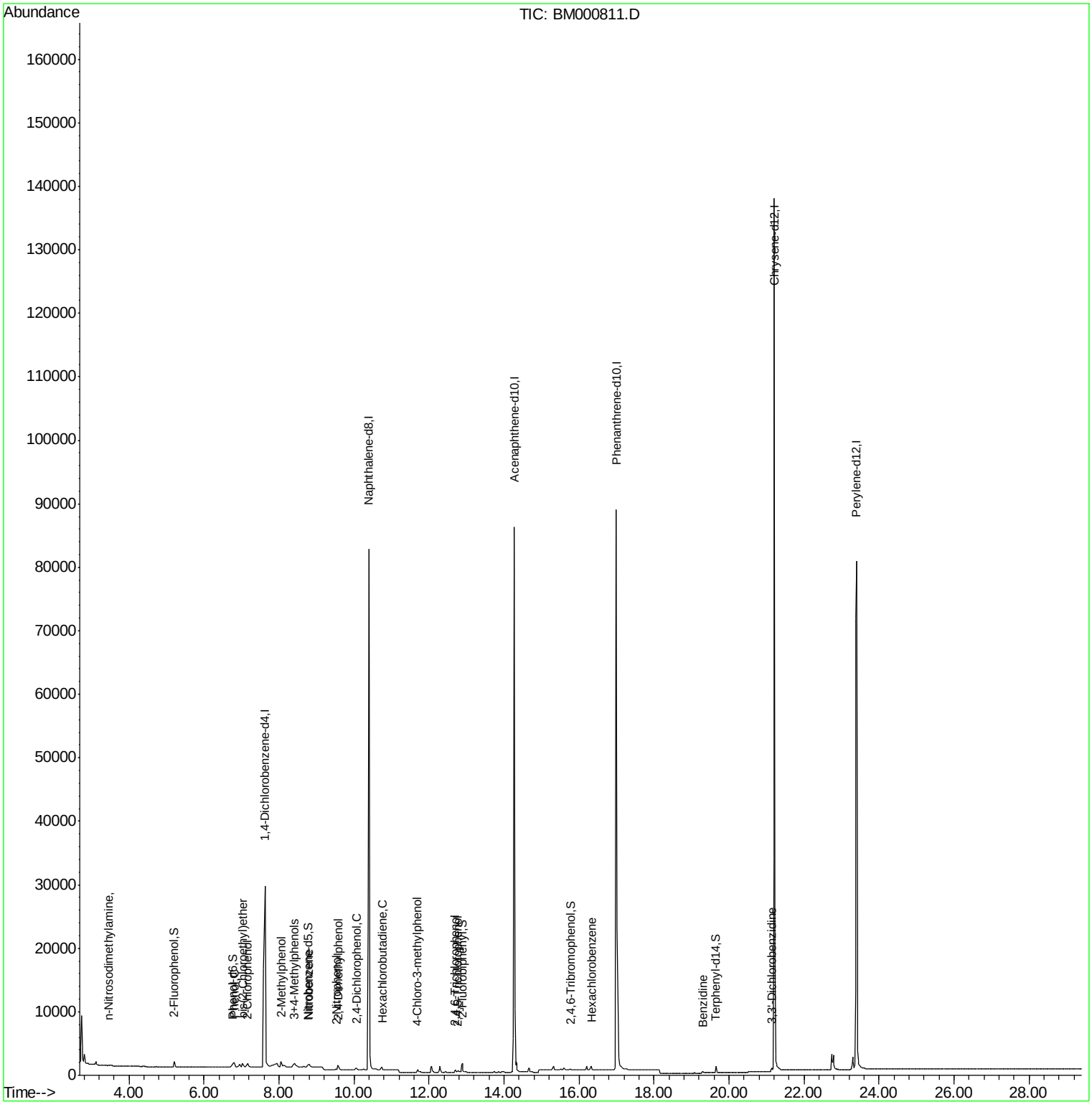
(#) = qualifier out of range (m) = manual integration (+) = signals summed

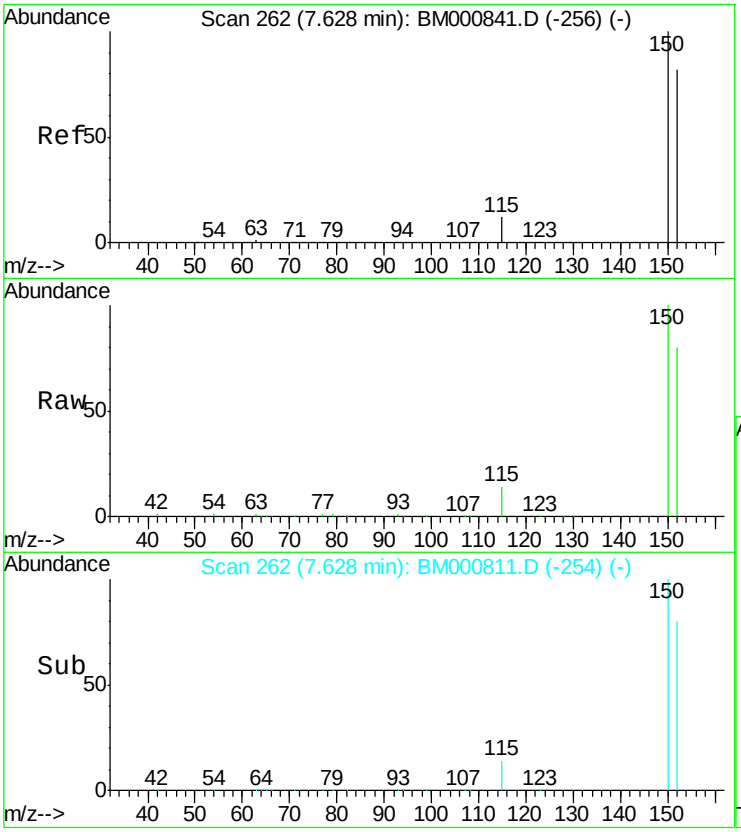
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000811.D
Acq On : 02 Apr 2015 17:57
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Quant Time: Apr 03 18:11:07 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 17:33:31 2015
Response via : Initial Calibration



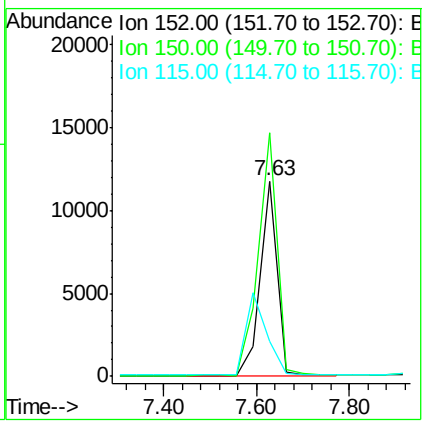


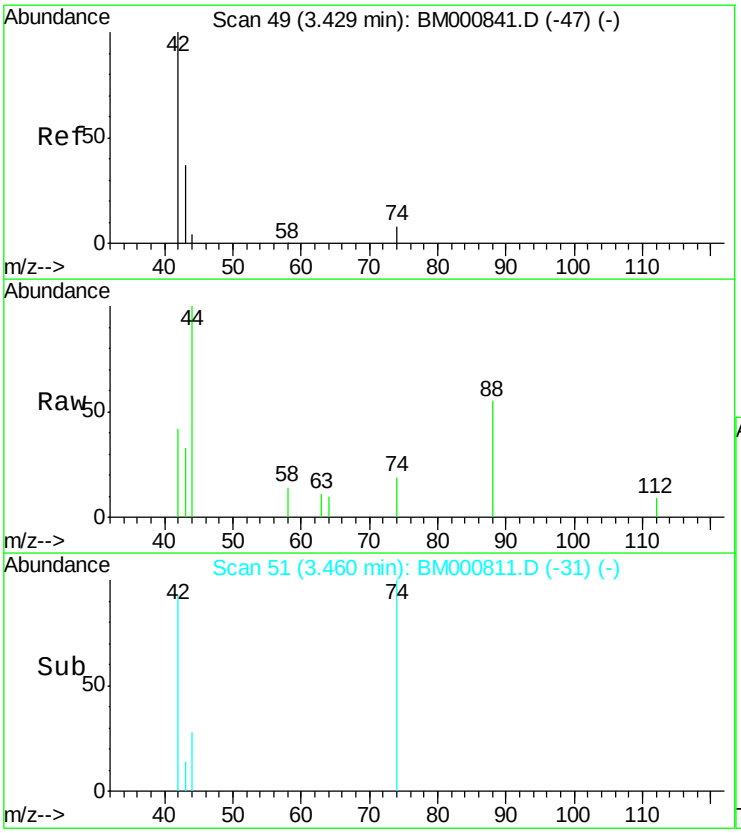
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 29650

Ion	Ratio	Lower	Upper
152	100		
150	124.8	99.8	149.6
115	18.0	13.5	20.3

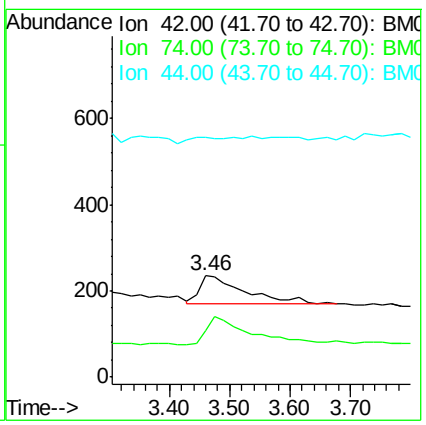


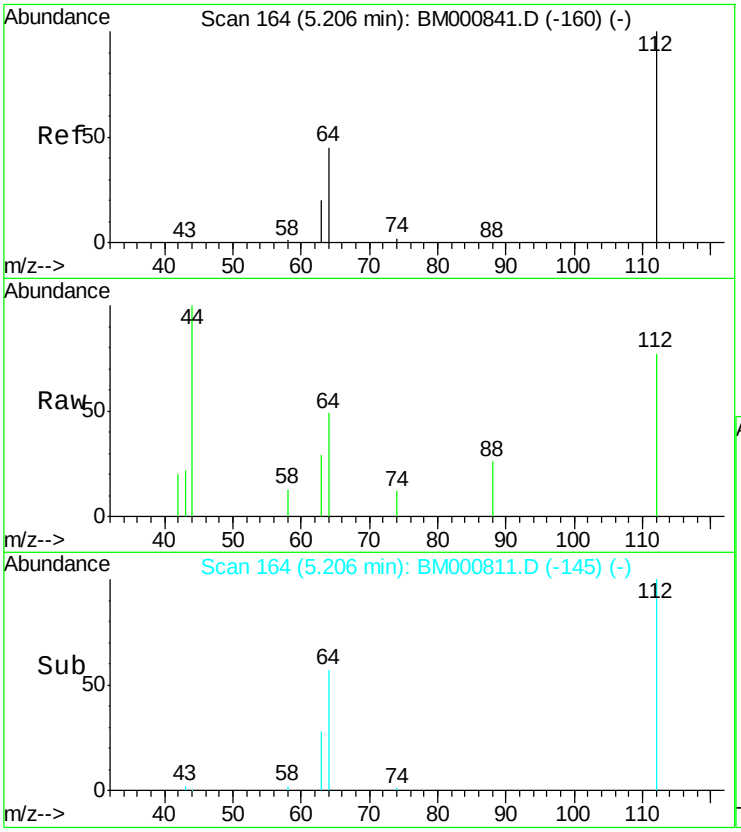


#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.46 min Scan# 51
Delta R.T. 0.02 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion: 42 Resp: 351

Ion	Ratio	Lower	Upper
42	100		
74	46.0	93.1	139.7#
44	237.0	56.6	85.0#



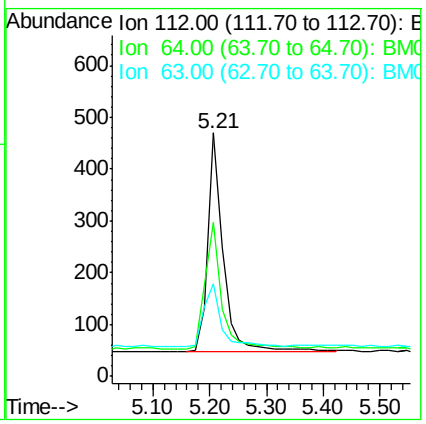


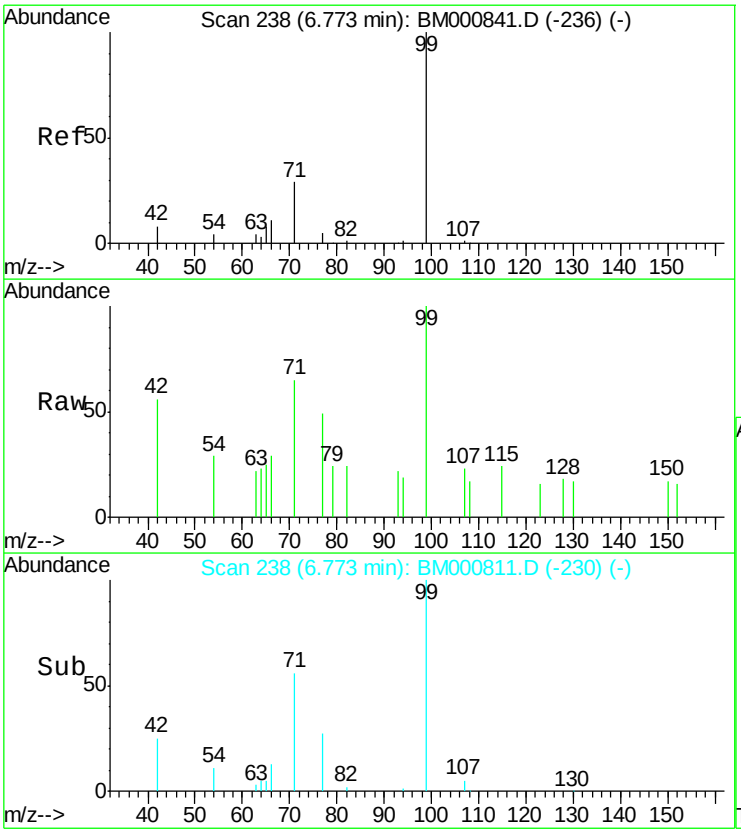
#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 781

Ion	Ratio	Lower	Upper
112	100		
64	63.2	40.3	60.5#
63	37.9	19.0	28.4#

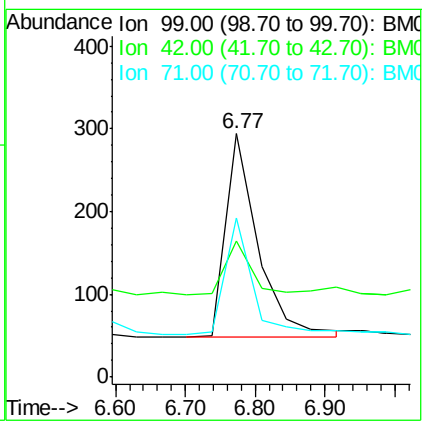


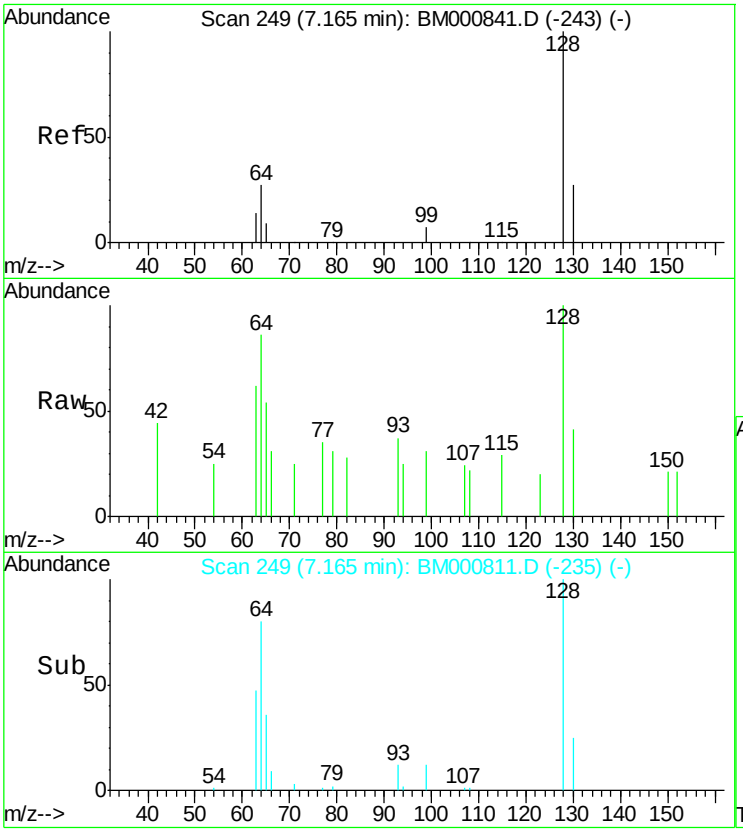


#5
Phenol-d6
Concen: 0.07 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion: 99 Resp: 787

Ion	Ratio	Lower	Upper
99	100		
42	55.8	10.2	15.4#
71	65.3	28.6	43.0#



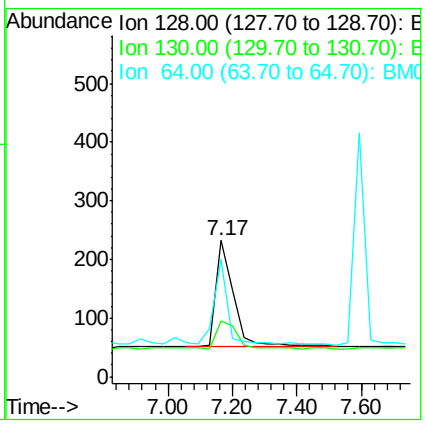


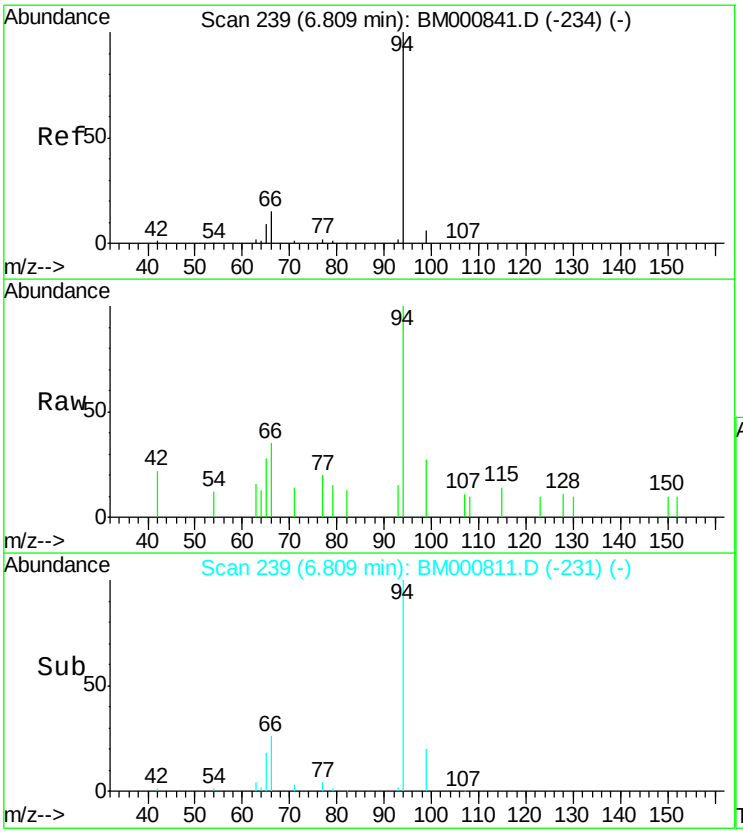
#6
2-Chlorophenol
Concen: 0.09 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 690

Ion	Ratio	Lower	Upper
128	100		
130	40.5	7.6	47.6
64	85.8	23.1	63.1#

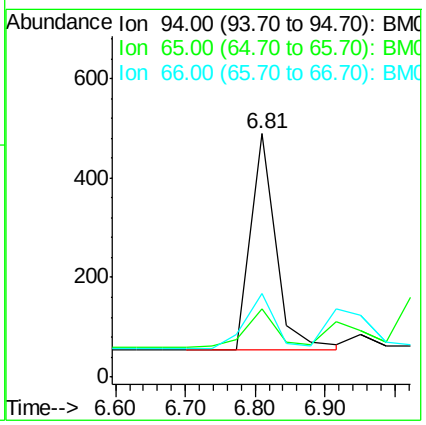


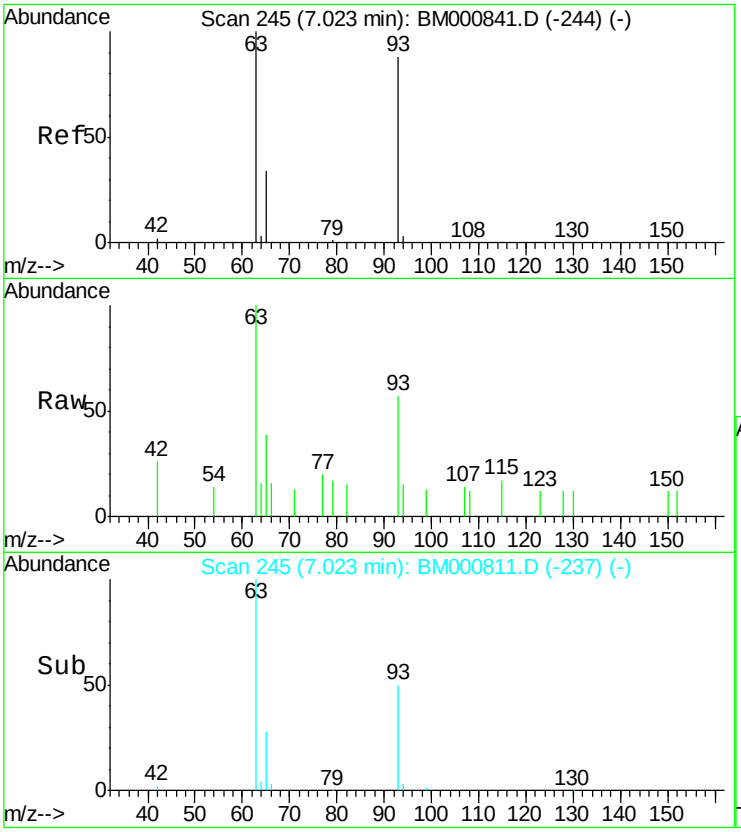


#7
Phenol
Concen: 0.09 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion: 94 Resp: 1097

Ion	Ratio	Lower	Upper
94	100		
65	27.8	0.0	32.0
66	34.6	0.0	37.6



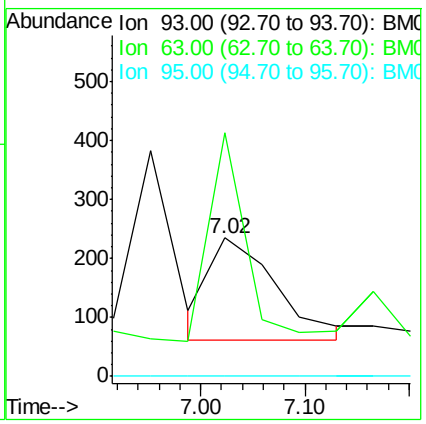


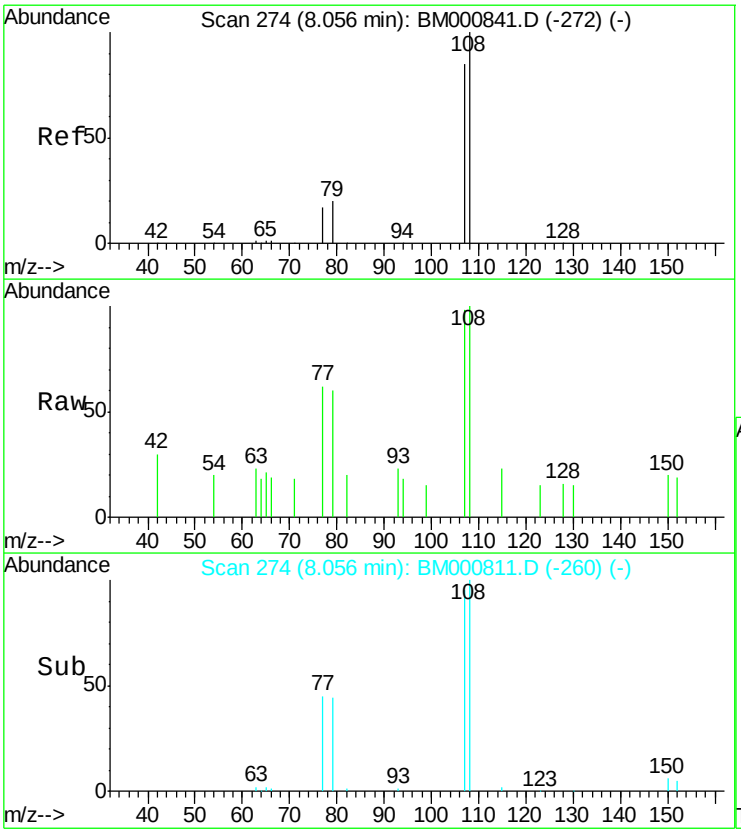
#8
bis(2-Chloroethyl)ether
Concen: 0.09 ng m
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 776

Ion	Ratio	Lower	Upper
93	100		
63	175.7	118.9	158.9#
95	0.0	0.0	20.0

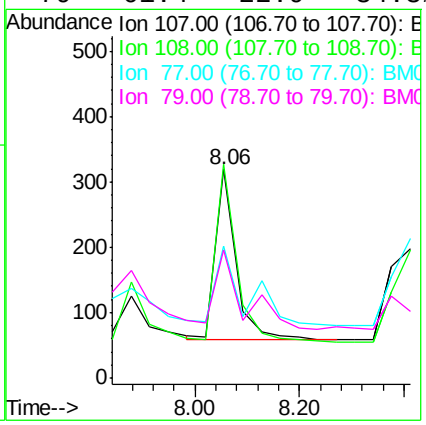


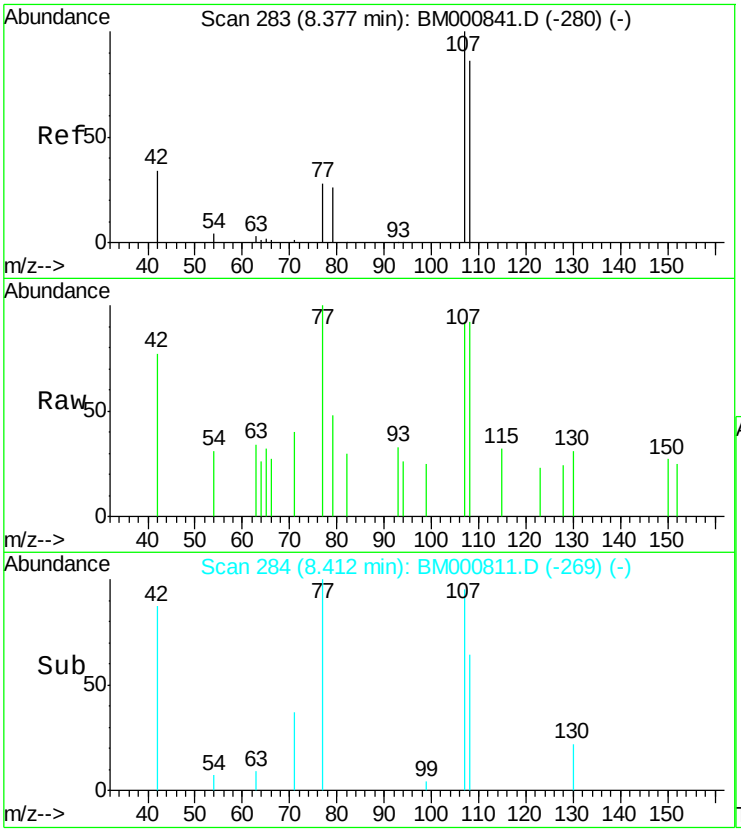


#9
2-Methylphenol
Concen: 0.08 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion:107 Resp: 708

Ion	Ratio	Lower	Upper
107	100		
108	102.5	92.0	138.0
77	63.3	20.6	31.0#
79	61.4	22.9	34.3#



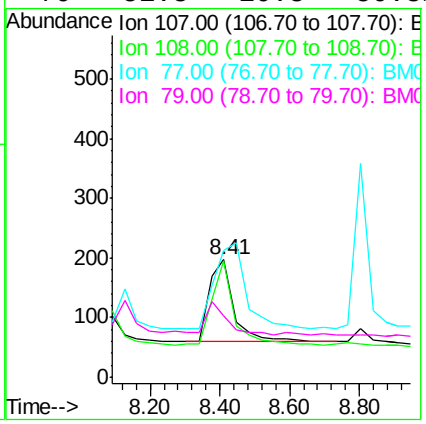


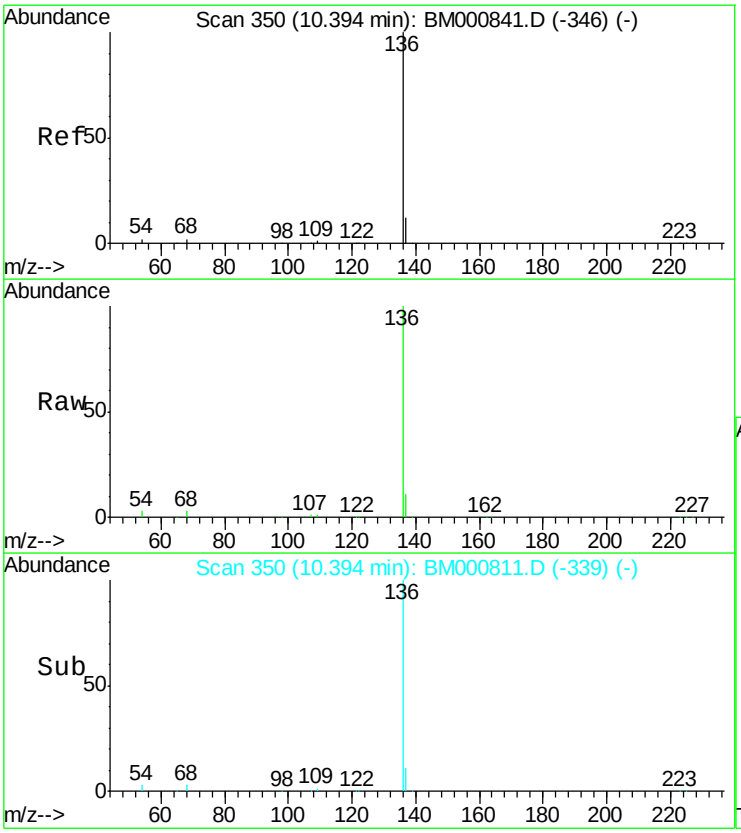
#10
3+4-Methylphenols
Concen: 0.07 ng
RT: 8.41 min Scan# 284
Delta R.T. 0.04 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:107 Resp: 688

Ion	Ratio	Lower	Upper
107	100		
108	99.0	62.6	102.6
77	108.1	12.8	52.8#
79	51.8	10.3	50.3#

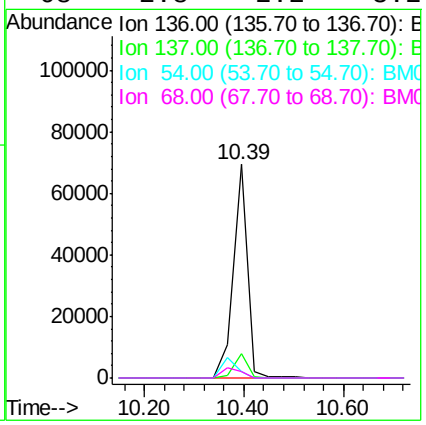


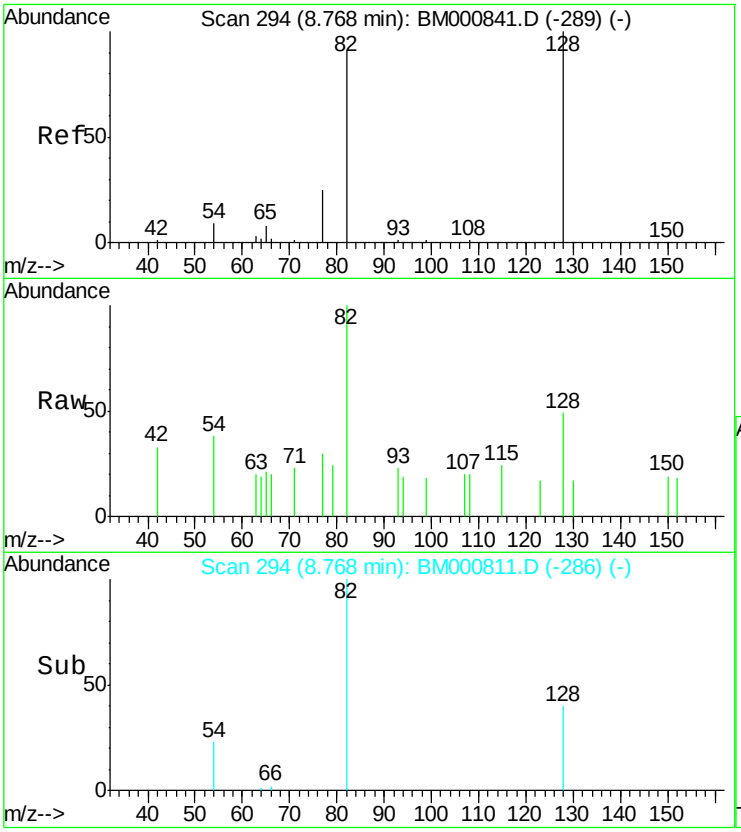


#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion:136 Resp: 136382

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	2.9	2.2	3.4
68	2.8	2.2	3.2



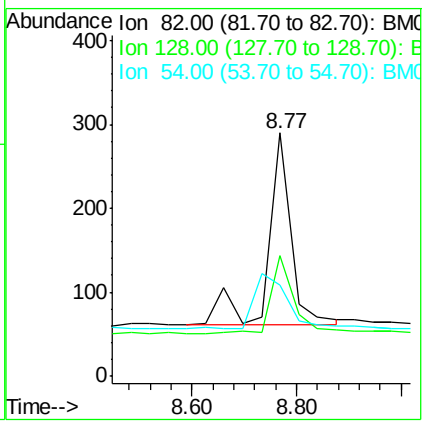


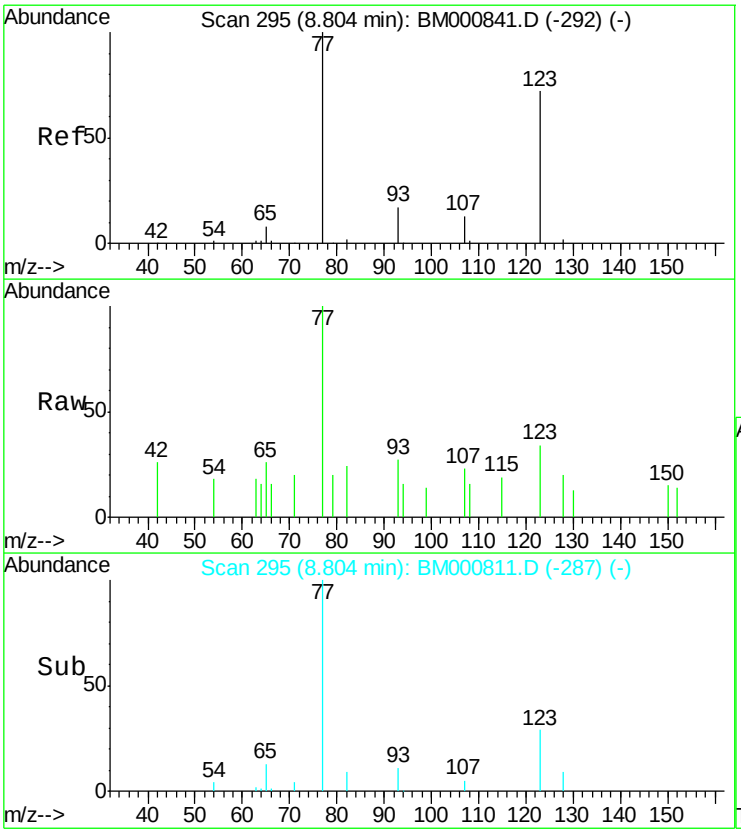
#12
Nitrobenzene-d5
Concen: 0.11 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 701

Ion	Ratio	Lower	Upper
82	100		
128	49.3	72.5	108.7#
54	37.6	11.8	17.8#

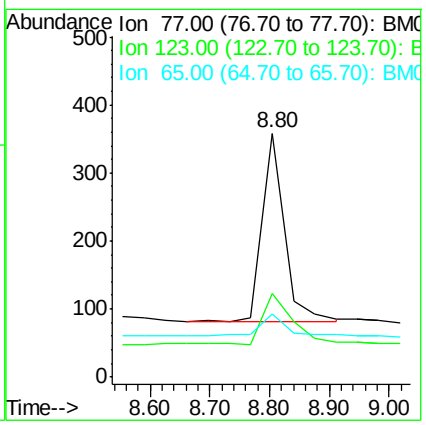


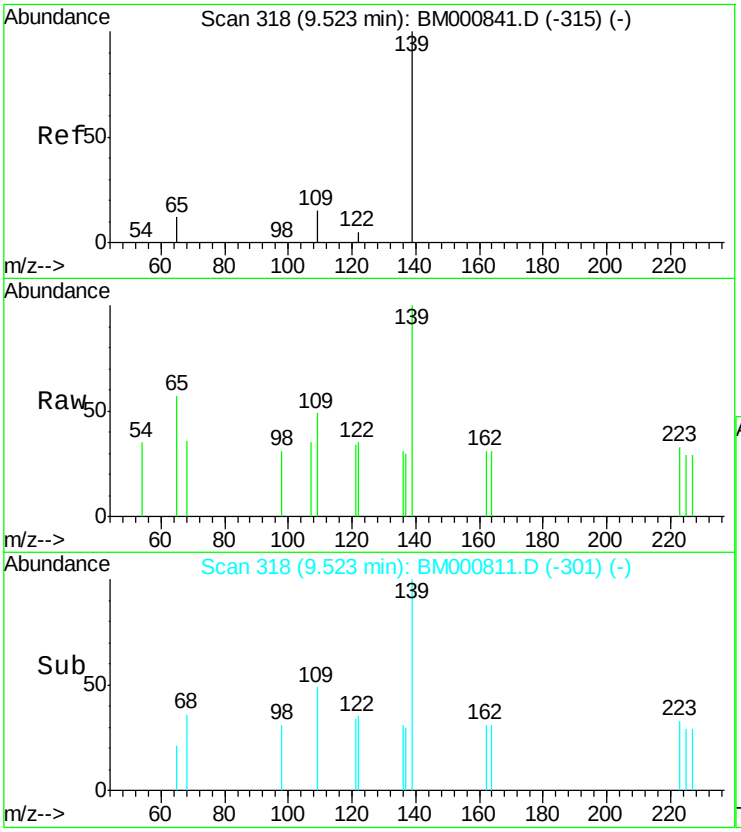


#13
Nitrobenzene
Concen: 0.09 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion: 77 Resp: 695

Ion	Ratio	Lower	Upper
77	100		
123	34.4	45.8	68.6#
65	25.7	8.2	12.4#



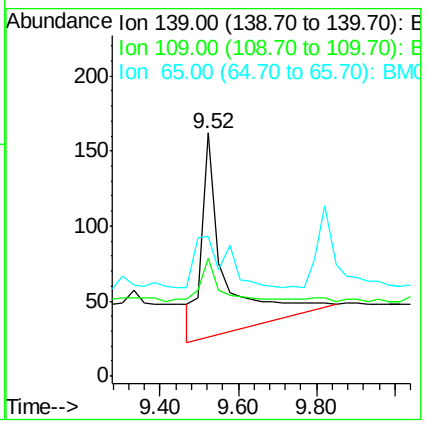


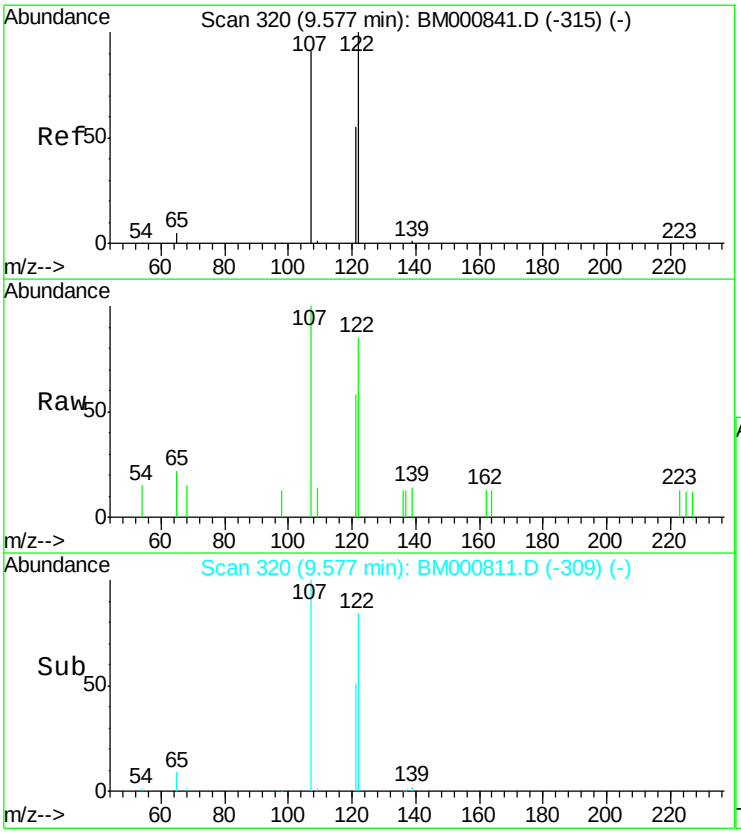
#14
2-Nitrophenol
Concen: 0.17 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:139 Resp: 575

Ion	Ratio	Lower	Upper
139	100		
109	48.8	15.0	22.6#
65	57.4	14.2	21.4#

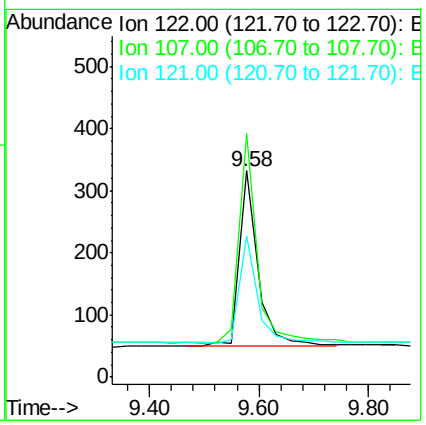


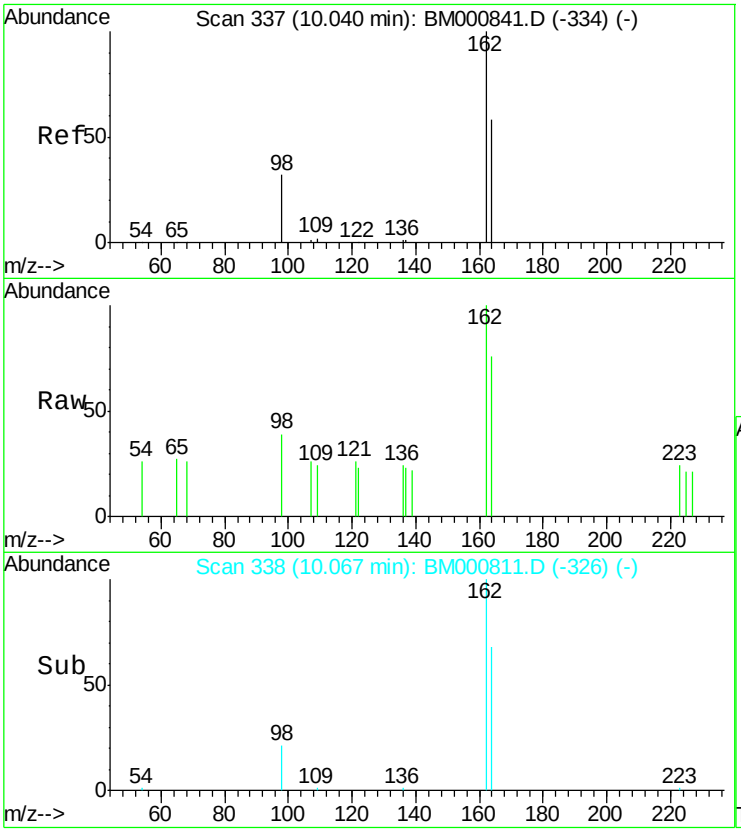


#15
2,4-Dimethylphenol
Concen: 0.09 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion:122 Resp: 675

Ion	Ratio	Lower	Upper
122	100		
107	118.1	78.2	117.4#
121	68.4	45.4	68.0#



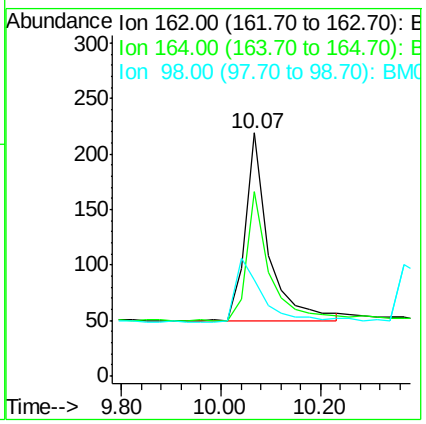


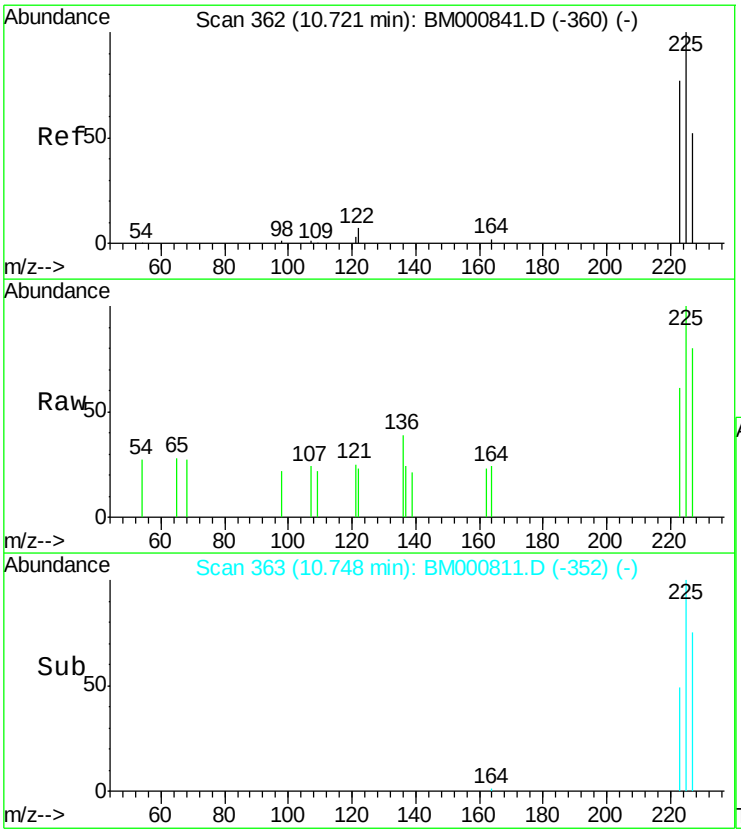
#16
2,4-Dichlorophenol
Concen: 0.08 ng
RT: 10.07 min Scan# 338
Delta R.T. 0.03 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:162 Resp: 554

Ion	Ratio	Lower	Upper
162	100		
164	75.8	37.1	77.1
98	39.3	19.5	59.5

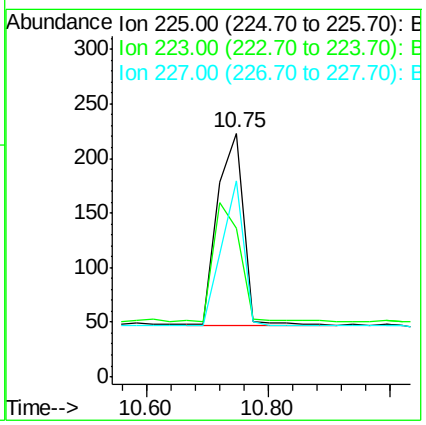


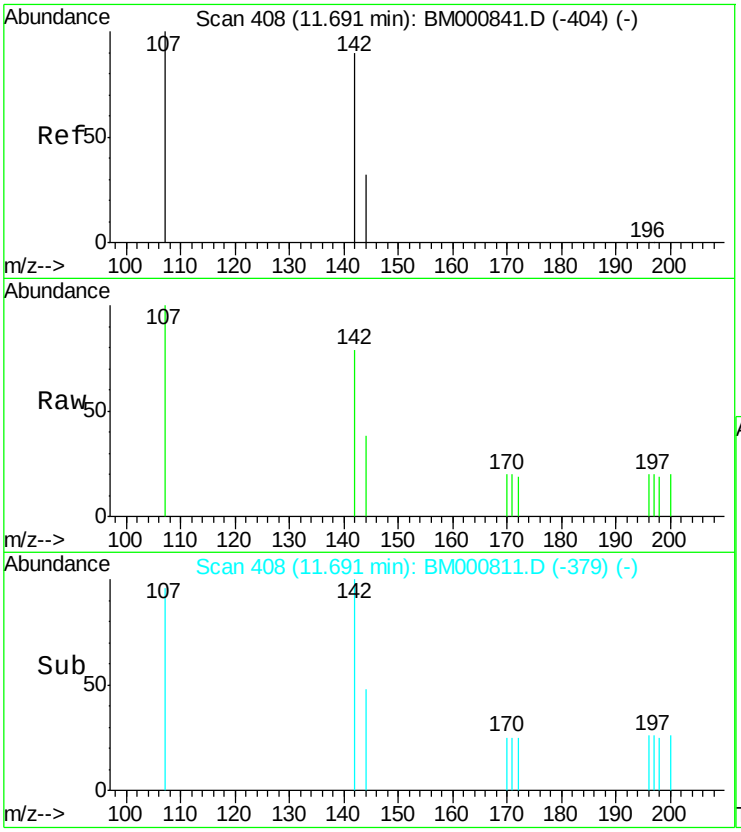


#17
Hexachlorobutadiene
Concen: 0.10 ng
RT: 10.75 min Scan# 363
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion:225 Resp: 520

Ion	Ratio	Lower	Upper
225	100		
223	61.0	40.8	61.2
227	80.3	62.8	94.2



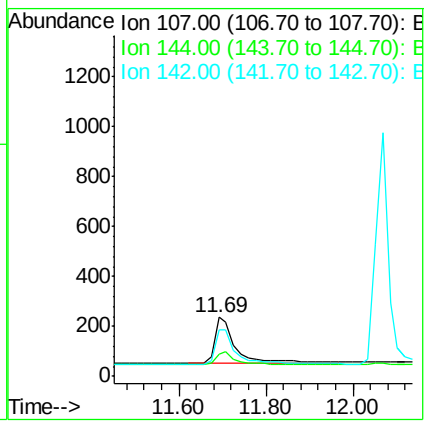


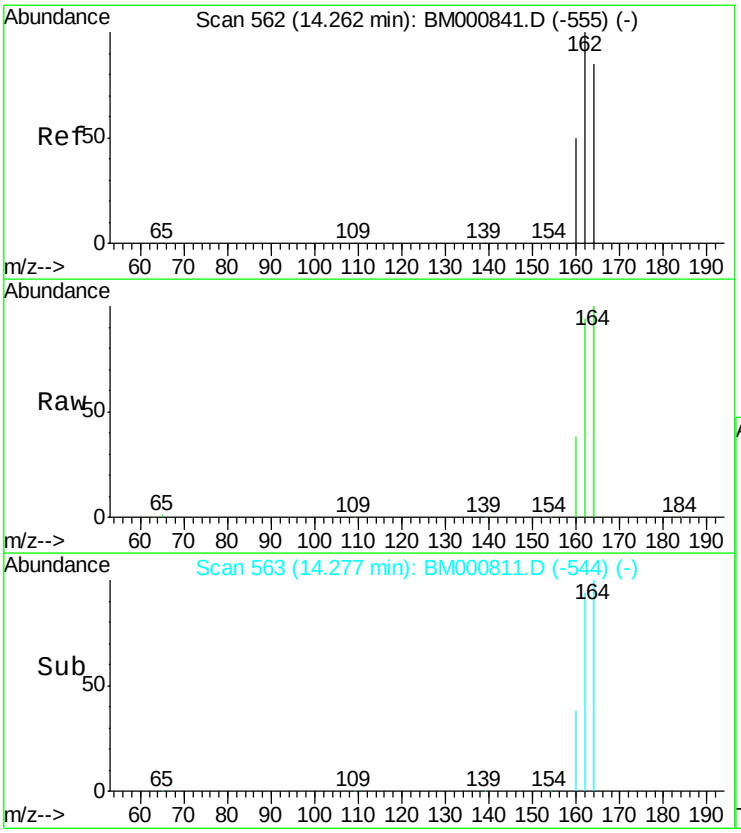
#18
4-Chloro-3-methylphenol
Concen: 0.09 ng
RT: 11.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:107 Resp: 617

Ion	Ratio	Lower	Upper
107	100		
144	37.7	25.8	38.8
142	79.2	71.3	106.9

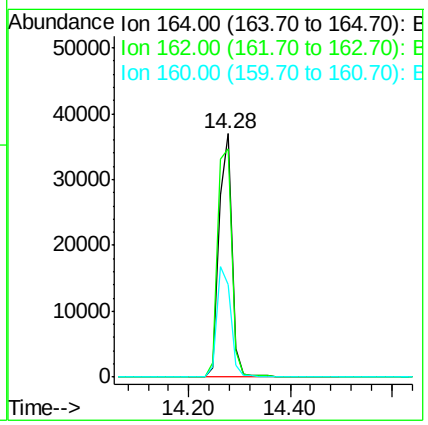


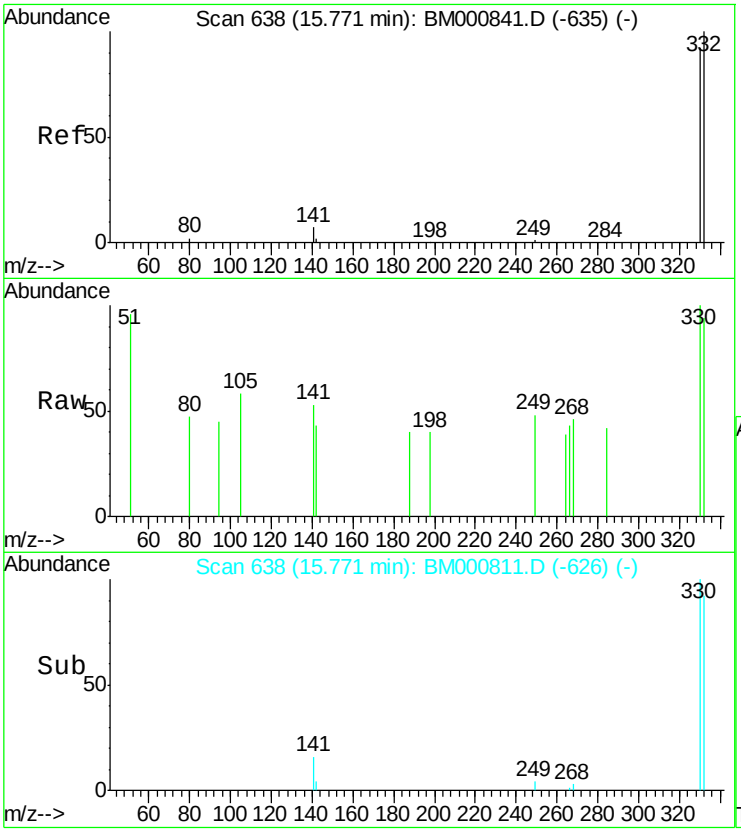


#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion:164 Resp: 66317

Ion	Ratio	Lower	Upper
164	100		
162	93.7	74.2	111.2
160	38.2	30.4	45.6



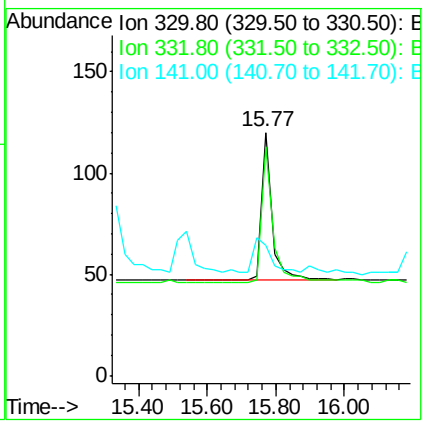


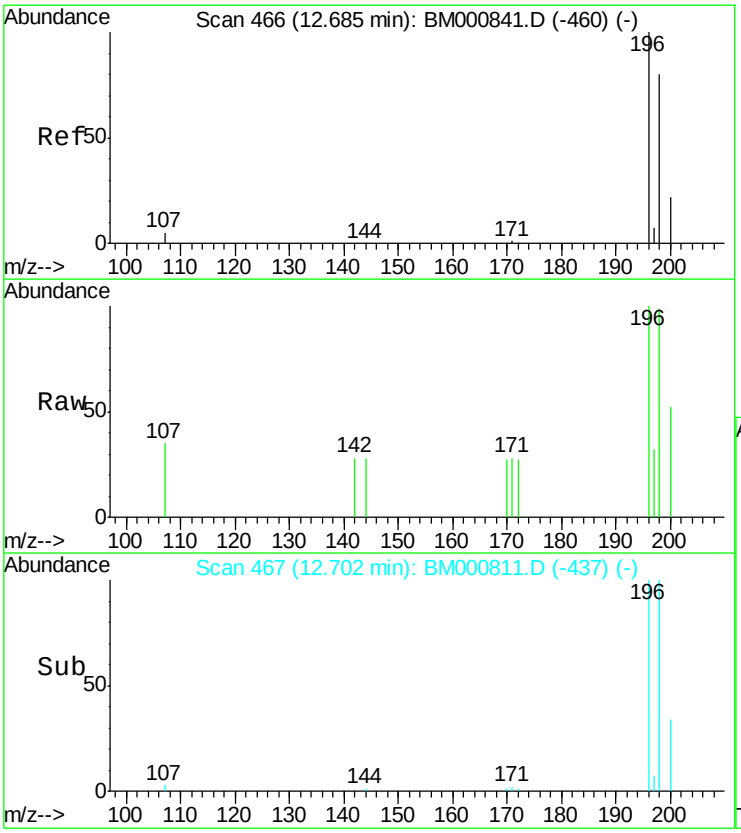
#20
2,4,6-Tribromophenol
Concen: 0.08 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 155

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.7	118.1
141	0.0	0.0	0.0

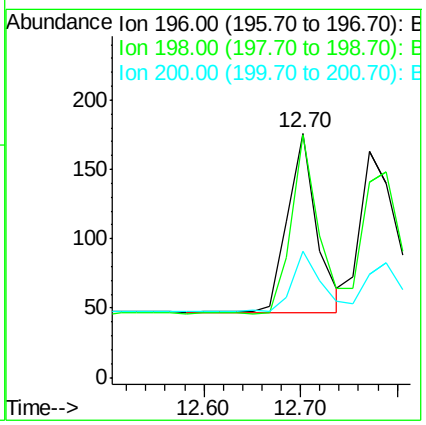


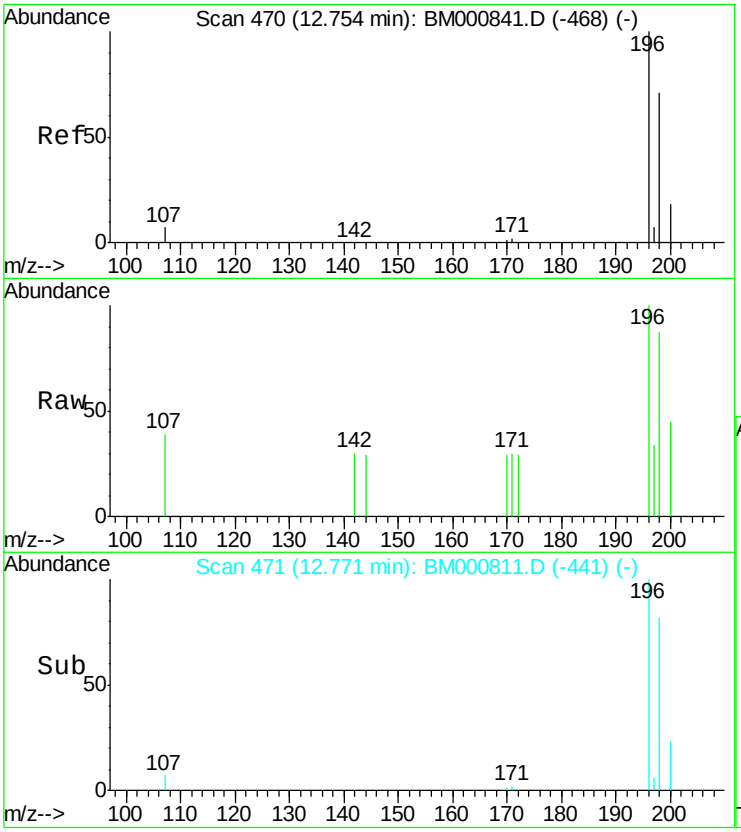


#21
2,4,6-Trichlorophenol
Concen: 0.08 ng
RT: 12.70 min Scan# 467
Delta R.T. 0.02 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion:196 Resp: 270

Ion	Ratio	Lower	Upper
196	100		
198	99.4	59.5	89.3#
200	51.7	17.4	26.0#



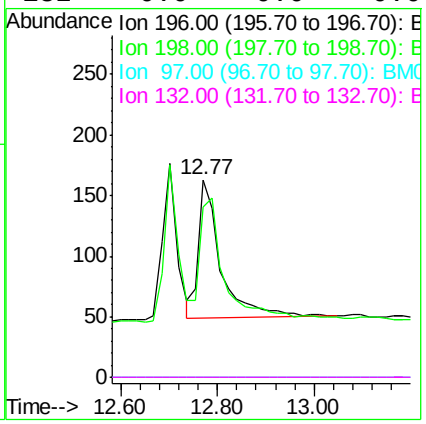


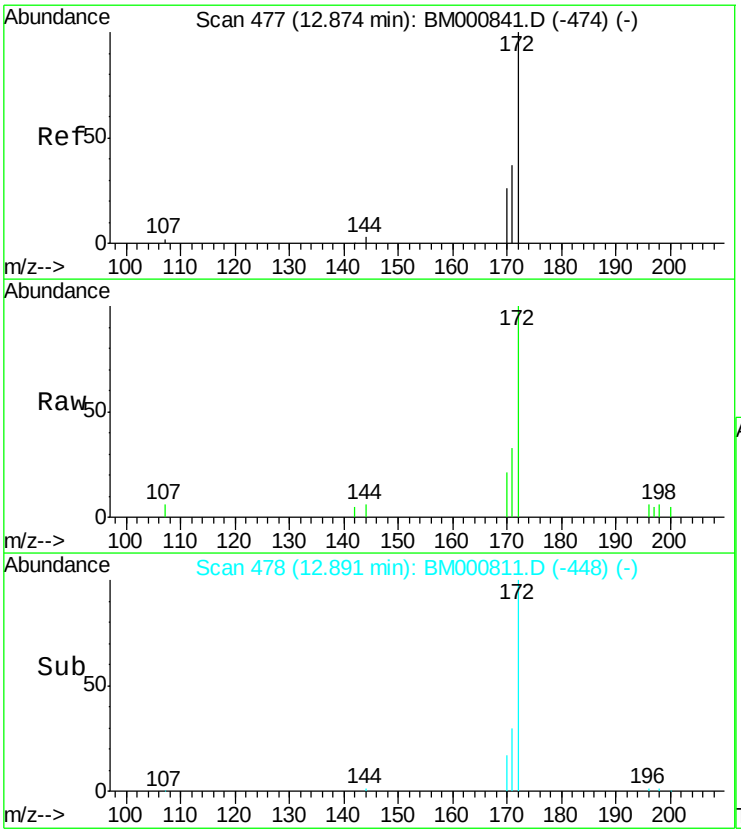
#22
2,4,5-Trichlorophenol
Concen: 0.08 ng
RT: 12.77 min Scan# 471
Delta R.T. 0.02 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:196 Resp: 362

Ion	Ratio	Lower	Upper
196	100		
198	86.5	57.9	86.9
97	0.0	0.0	0.0
132	0.0	0.0	0.0

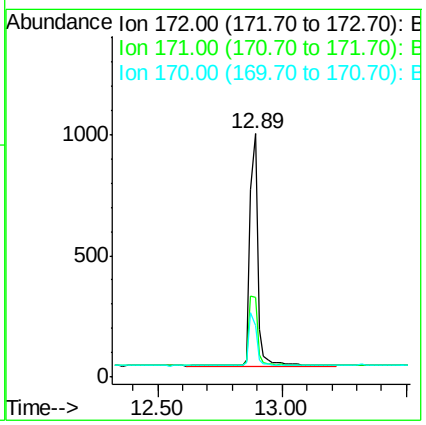


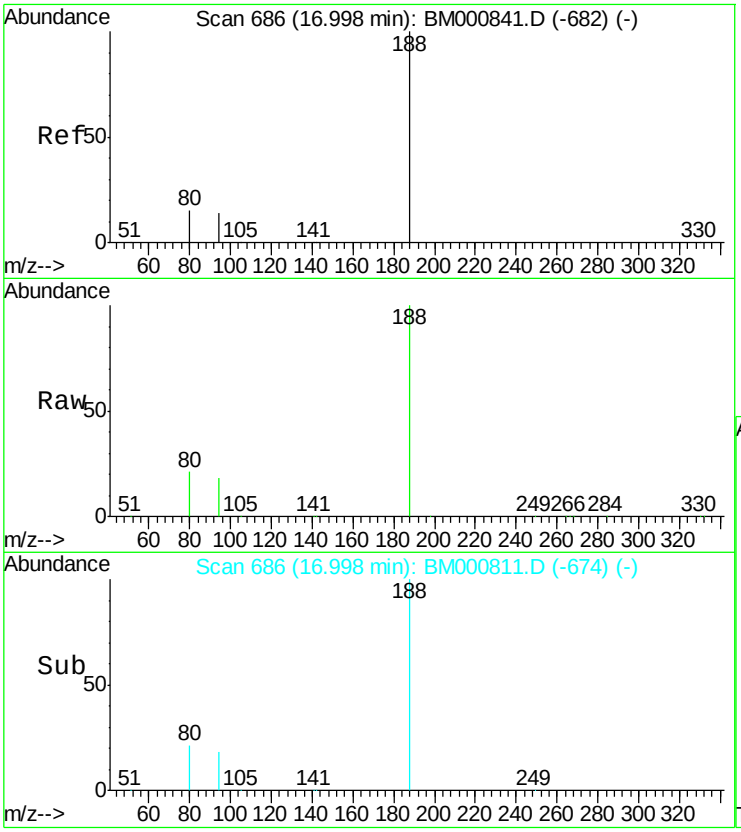


#23
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.89 min Scan# 478
Delta R.T. 0.02 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion:172 Resp: 2093

Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.6	46.0
170	21.1	22.2	33.2#



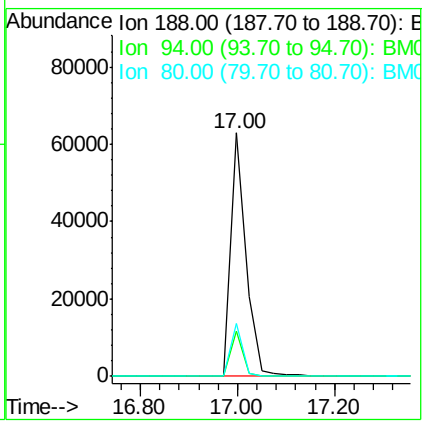


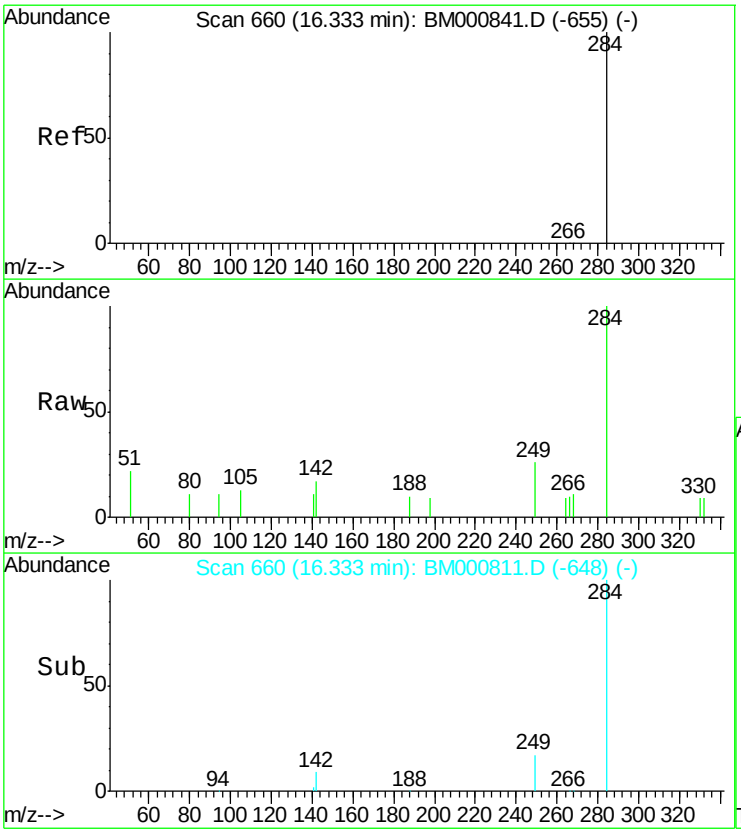
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 133836

Ion	Ratio	Lower	Upper
188	100		
94	18.5	13.0	19.6
80	21.5	14.7	22.1

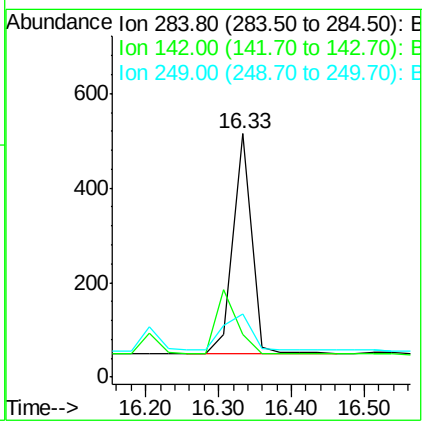


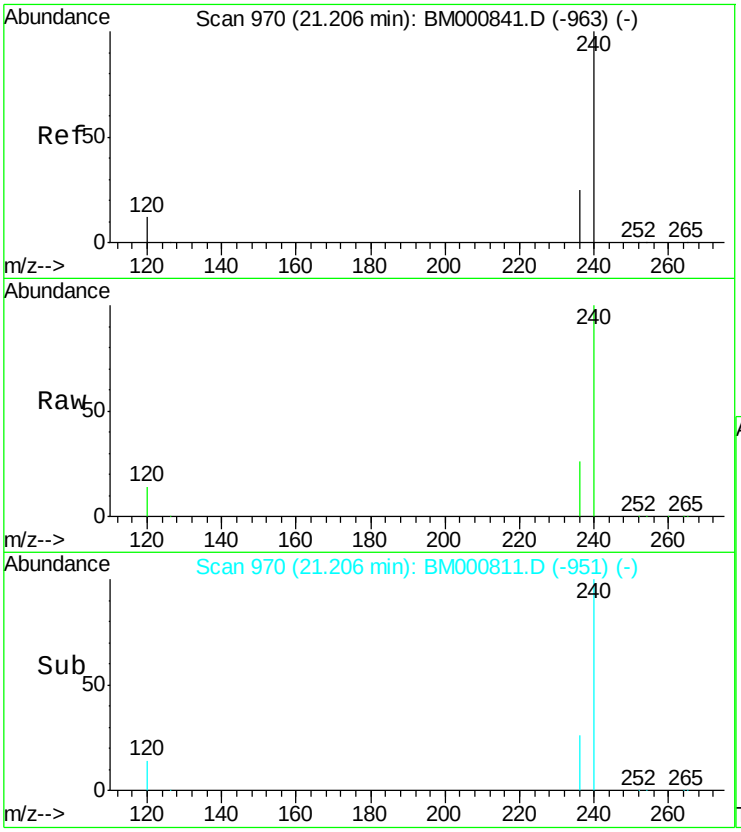


#28
Hexachlorobenzene
Concen: 0.11 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion:284 Resp: 809

Ion	Ratio	Lower	Upper
284	100		
142	17.5	6.5	9.7#
249	25.8	12.6	18.8#



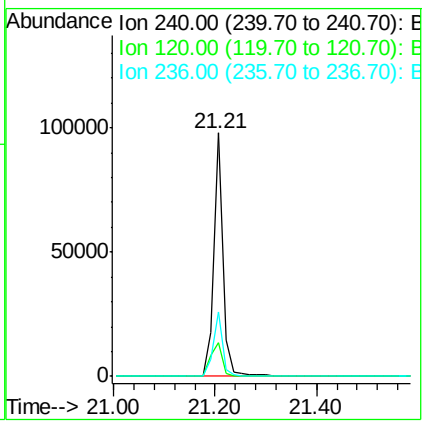


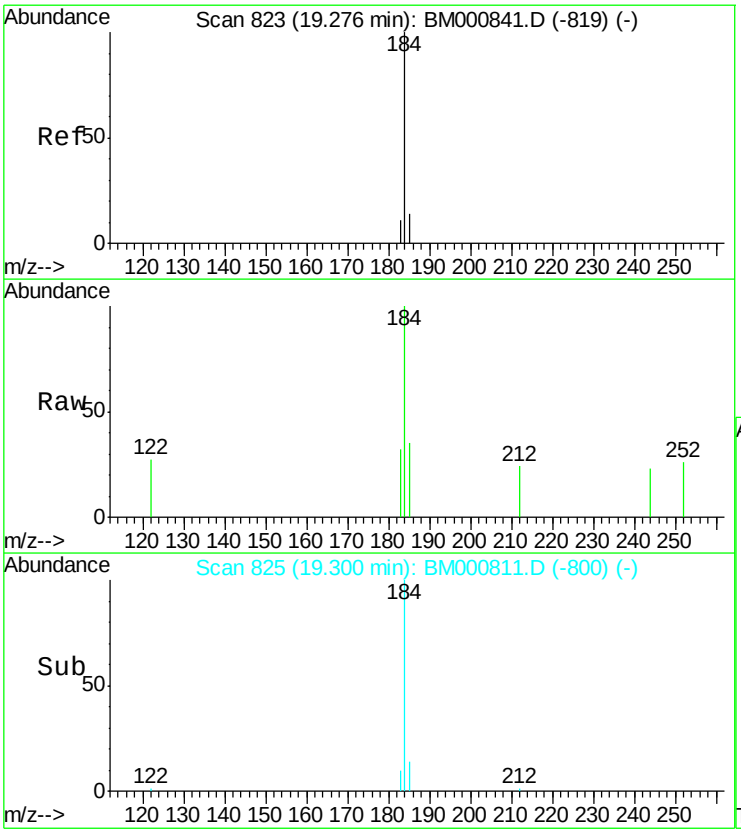
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 126845

Ion	Ratio	Lower	Upper
240	100		
120	13.7	11.3	16.9
236	26.4	21.1	31.7

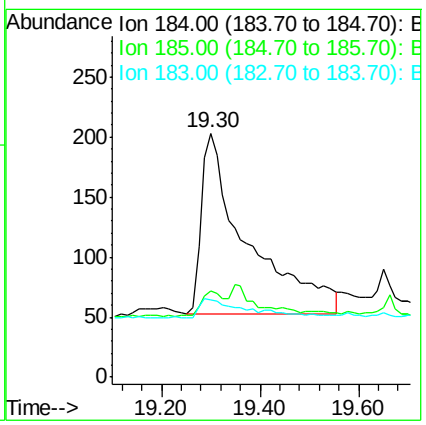


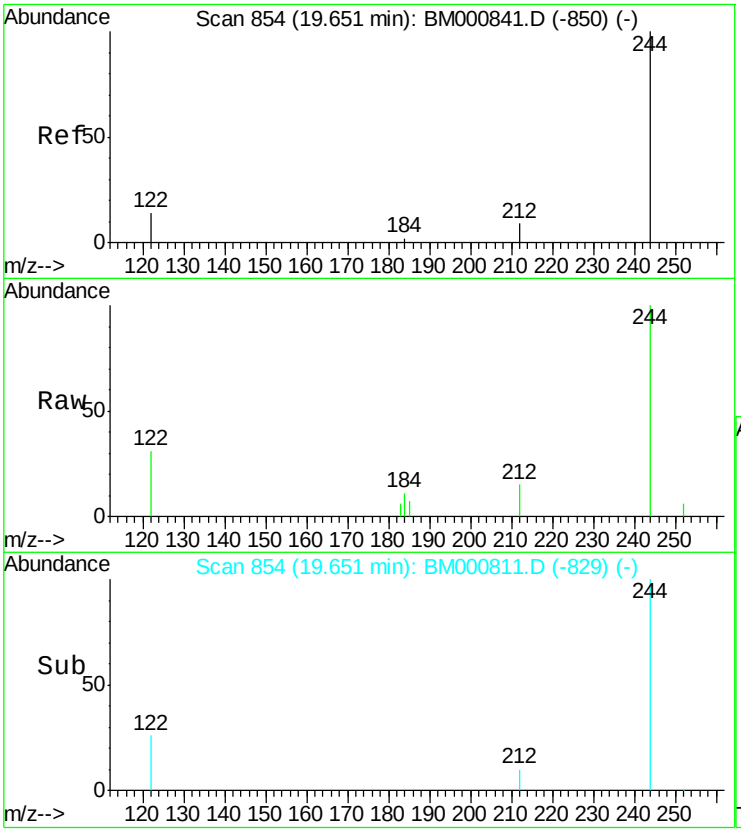


#31
Benzidine
Concen: 0.19 ng
RT: 19.30 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion:184 Resp: 965

Ion	Ratio	Lower	Upper
184	100		
185	35.5	39.1	58.7#
183	31.5	36.1	54.1#



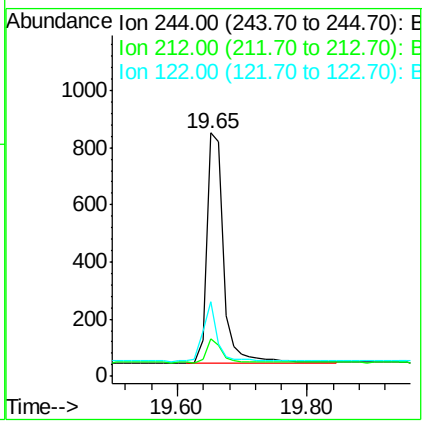


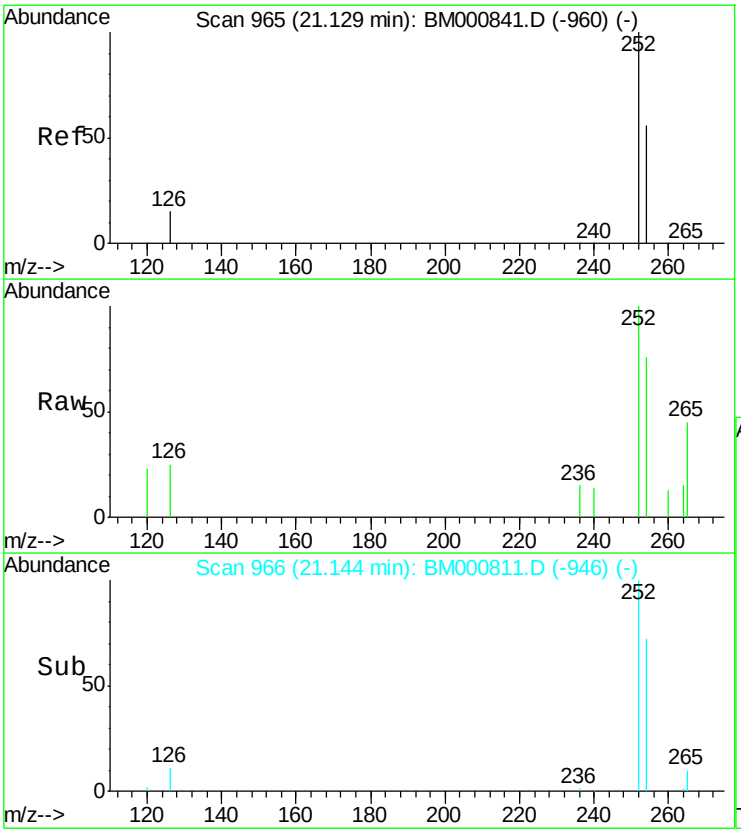
#32
Terphenyl-d14
Concen: 0.10 ng
RT: 19.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1465

Ion	Ratio	Lower	Upper
244	100		
212	15.4	8.0	12.0#
122	30.9	14.7	22.1#

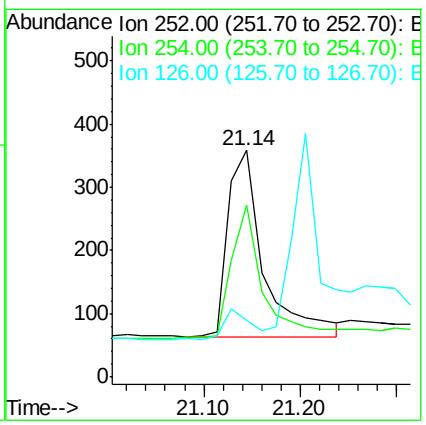


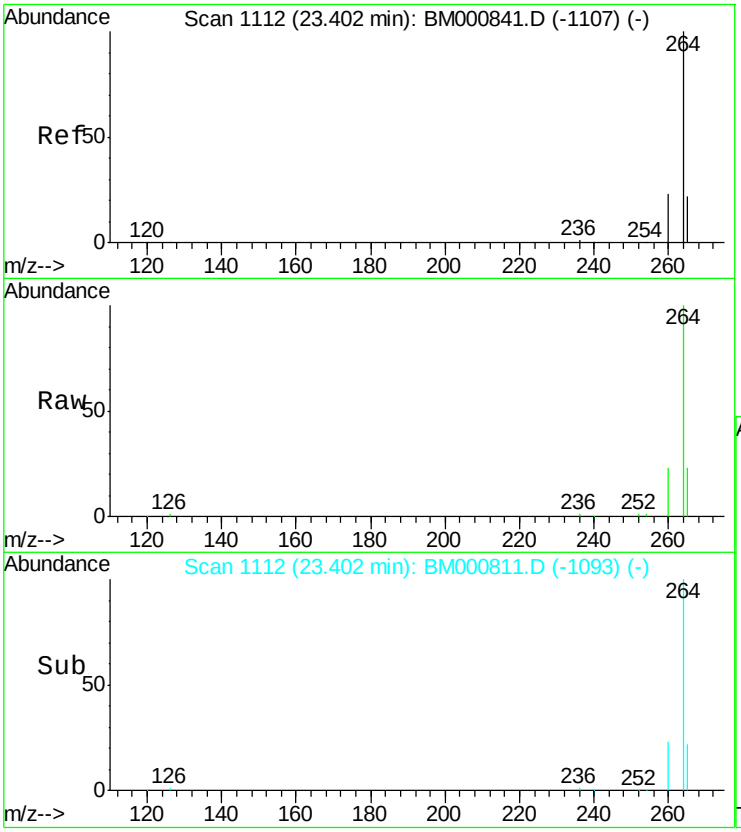


#33
3,3'-Dichlorobenzidine
Concen: 0.09 ng
RT: 21.14 min Scan# 966
Delta R.T. 0.02 min
Lab File: BM000811.D
Acq: 02 Apr 2015 17:57

Tgt Ion:252 Resp: 758

Ion	Ratio	Lower	Upper
252	100		
254	75.7	44.5	66.7#
126	24.9	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: BM000811.D
Acq: 02 Apr 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 117903

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	22.6	17.5	26.3