Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000883.D
Acq On : 07 Apr 2015 17:02
Operator : TP/IZ
Sample : PB82044BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB82044BS

Quant Time: Apr 08 01:14:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 15:59:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	16940	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	86525	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	45822	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	102125	5.00	ng		0.00
30) Chrysene-d12	21.21	240	73542	5.00	ng		0.00
34) Perylene-d12	23.39	264	71897	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	746497	131.30	ng		0.00
5) Phenol-d6	6.77	99	961409	81.15	ng		0.00
12) Nitrobenzene-d5	8.77	82	379057	87.83	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	227196	115.11	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	1208454	85.55	ng		0.00
32) Terphenyl-d14	19.65	244	782631	86.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	75426	31.29	ng	#	72
3) n-Nitrosodimethylamine	3.41	42	113975	34.26	ng	#	42
6) 2-Chlorophenol	7.17	128	277616	30.90	ng		96
7) Phenol	6.81	94	438961	61.98	ng		90
8) bis(2-Chloroethyl)ether	7.02	93	499430	53.63	ng		84
9) 2-Methylphenol	8.06	107	228693	44.04	ng	#	92
10) 3+4-Methylphenols	8.38	107	329235	36.04	ng		95
13) Nitrobenzene	8.80	77	176241	40.57	ng	#	45
14) 2-Nitrophenol	9.52	139	109832	39.09	ng	#	70
15) 2,4-Dimethylphenol	9.58	122	228369	46.02	ng		93
16) 2,4-Dichlorophenol	10.04	162	259361	38.96	ng		89
17) Hexachlorobutadiene	10.72	225	139352	35.35	ng		98
18) 4-Chloro-3-methylphenol	11.67	107	222608	35.93	ng		99
21) 2,4,6-Trichlorophenol	12.69	196	166460	43.57	ng		95
22) 2,4,5-Trichlorophenol	12.75	196	183490	40.81	ng		91
25) 4-Nitrophenol	14.49	139	210018	25.67	ng	#	66
27) 4,6-Dinitro-2-methylphenol	15.39	198	75591	18.33	ng		80
28) Hexachlorobenzene	16.33	284	155742	35.58	ng	#	48
29) Pentachlorophenol	16.67	266	228533	36.86	ng		88
31) Benzidine	19.26	184	220067	13.88	ng	#	89
33) 3,3'-Dichlorobenzidine	21.13	252	241921	12.28	ng	#	77

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

Quantitation Report (Not Reviewed)

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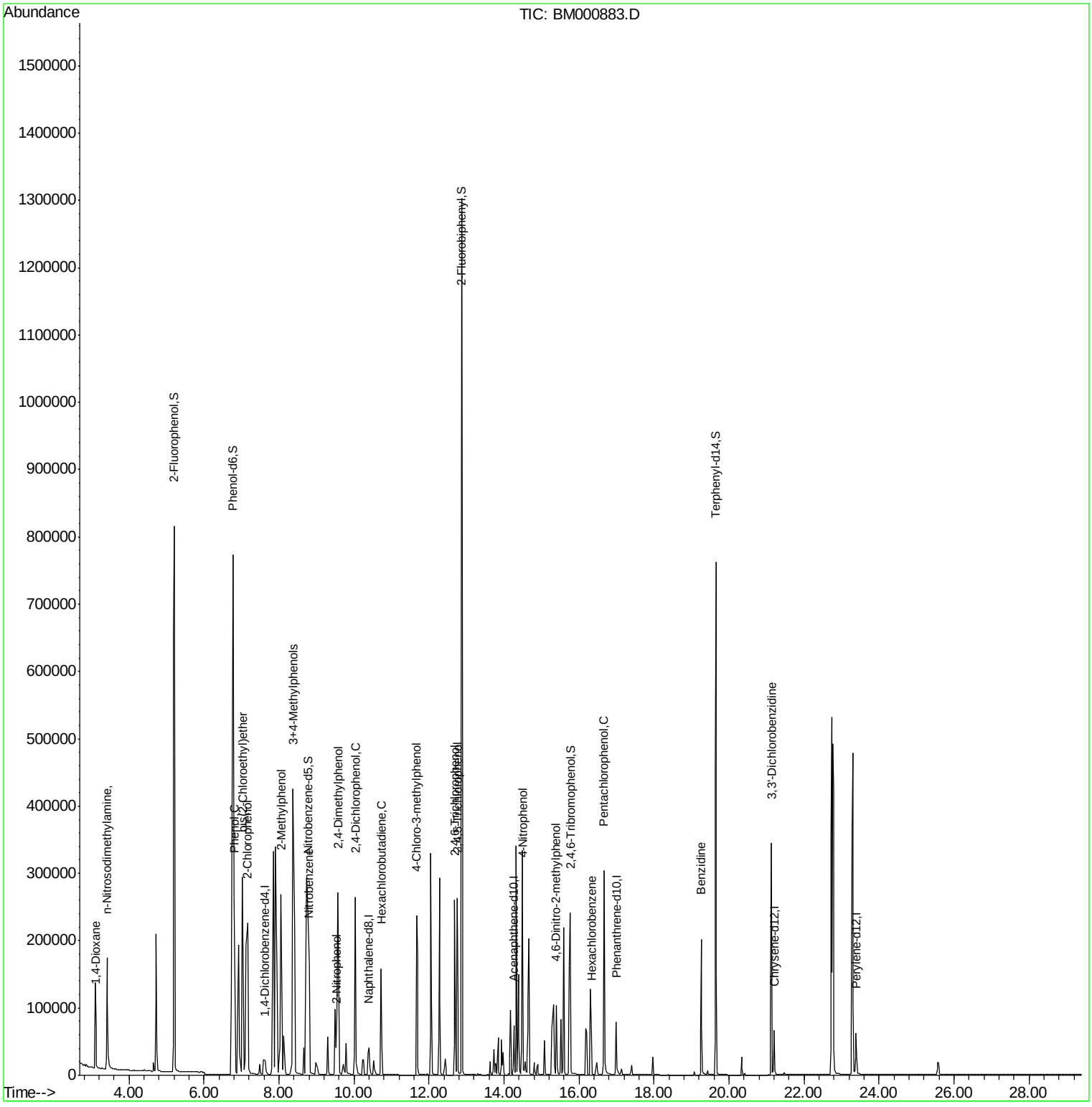
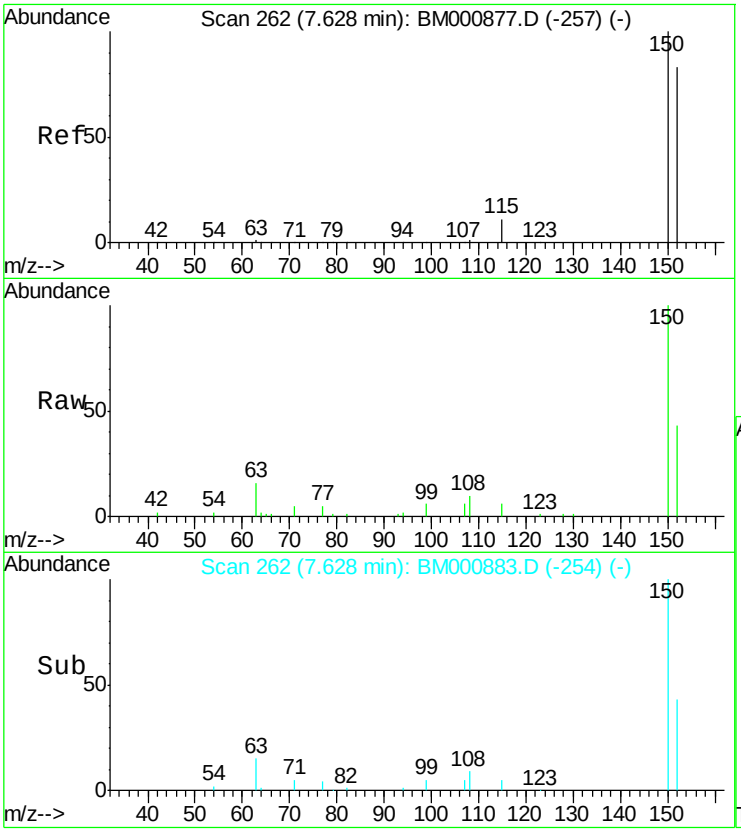


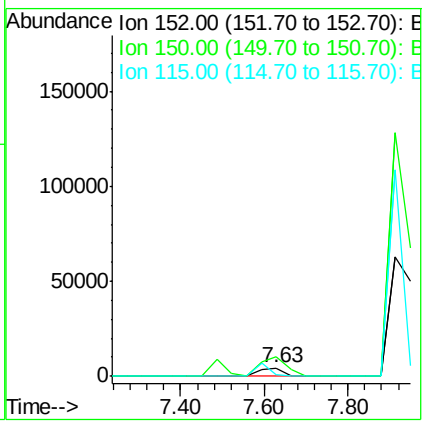


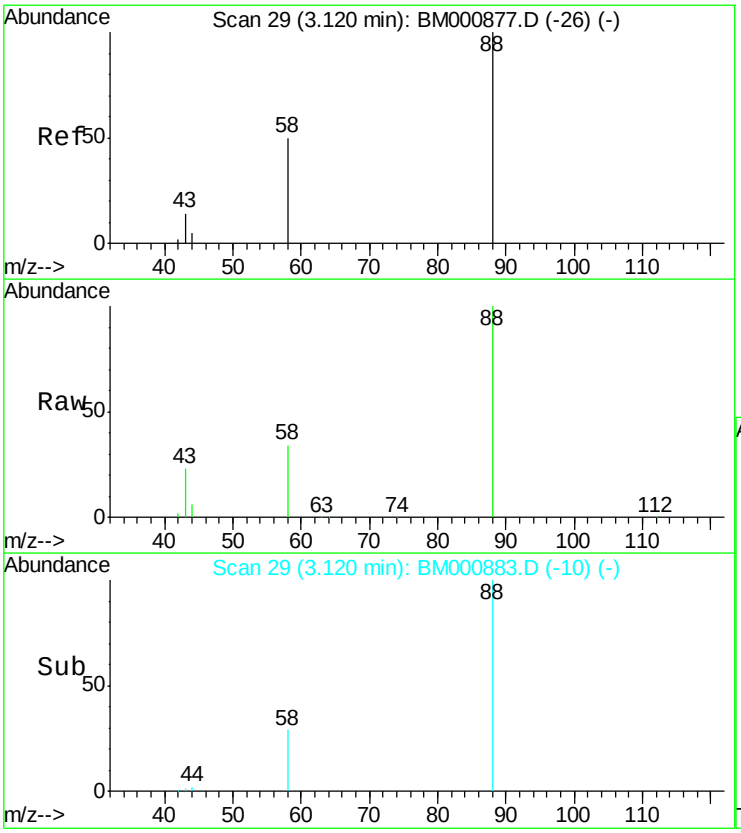
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:152 Resp: 16940

Ion	Ratio	Lower	Upper
152	100		
150	233.6	96.5	144.7#
115	12.9	11.9	17.9

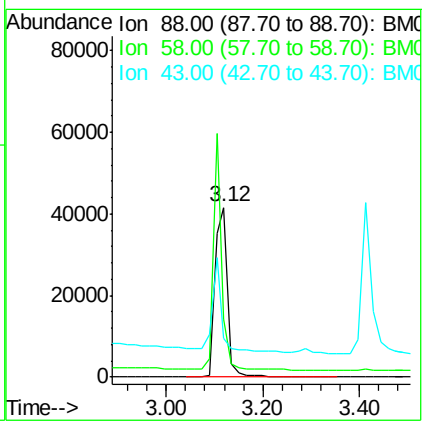


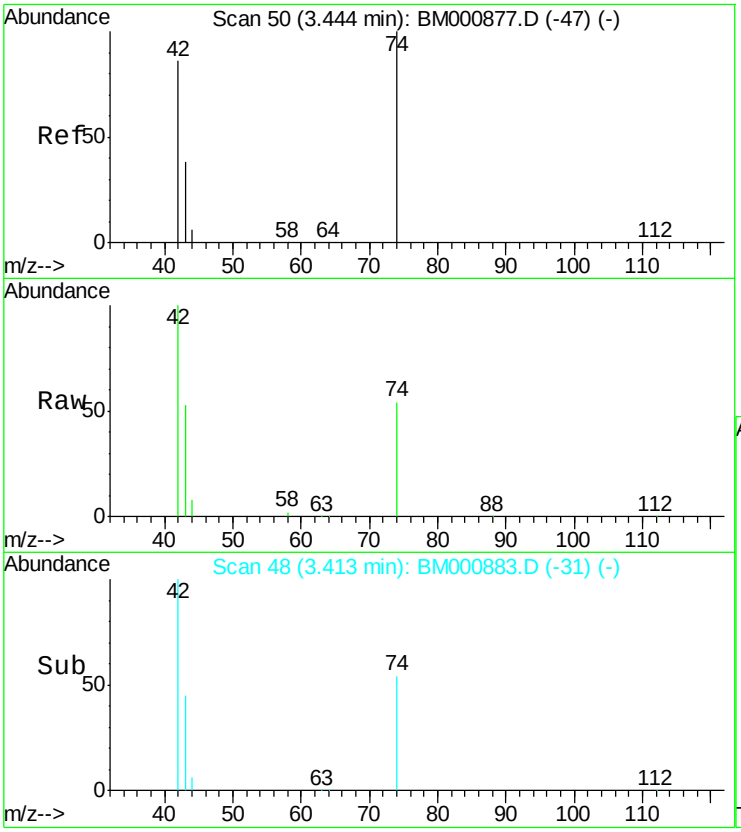


#2
1,4-Dioxane
Concen: 31.29 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion: 88 Resp: 75426

Ion	Ratio	Lower	Upper
88	100		
58	95.4	56.7	85.1#
43	44.3	25.0	37.6#



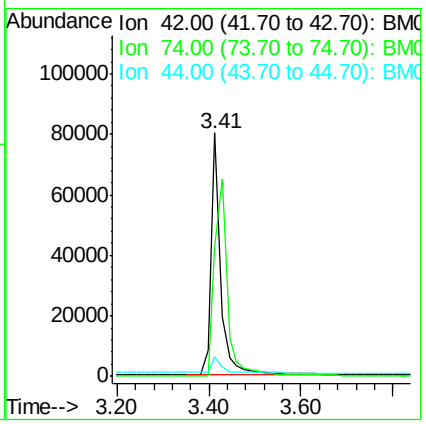


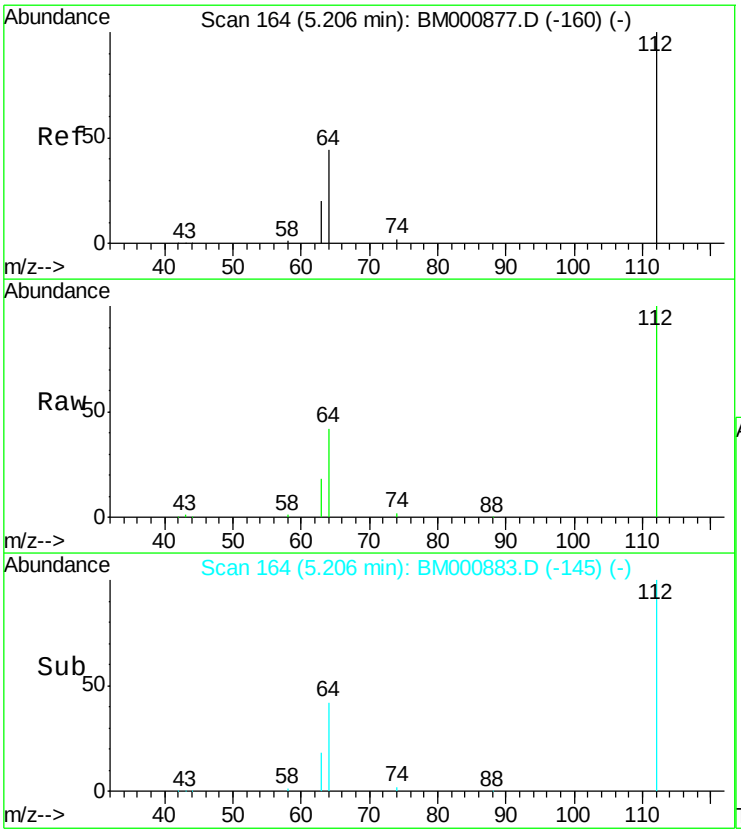
#3
n-Nitrosodimethylamine
Concen: 34.26 ng
RT: 3.41 min Scan# 48
Delta R.T. -0.03 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion: 42 Resp: 113975

Ion	Ratio	Lower	Upper
42	100		
74	53.5	81.0	121.4#
44	7.9	53.3	79.9#

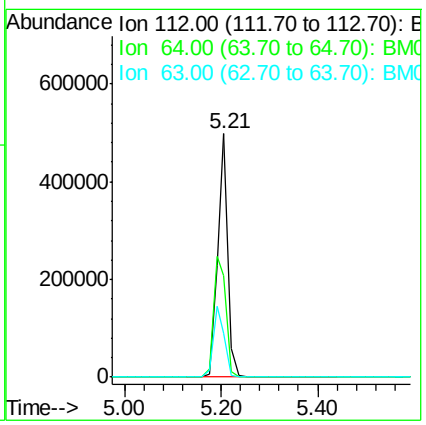


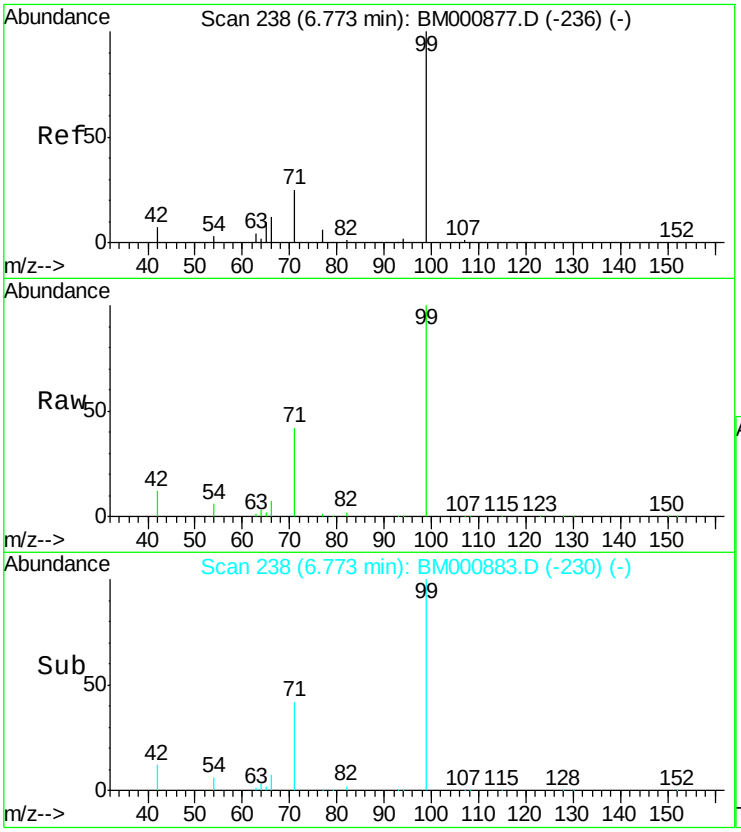


#4
2-Fluorophenol
Concen: 131.30 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:112 Resp: 746497

Ion	Ratio	Lower	Upper
112	100		
64	41.8	35.7	53.5
63	17.8	17.0	25.4



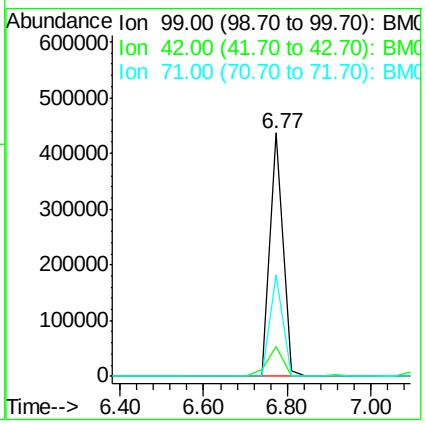


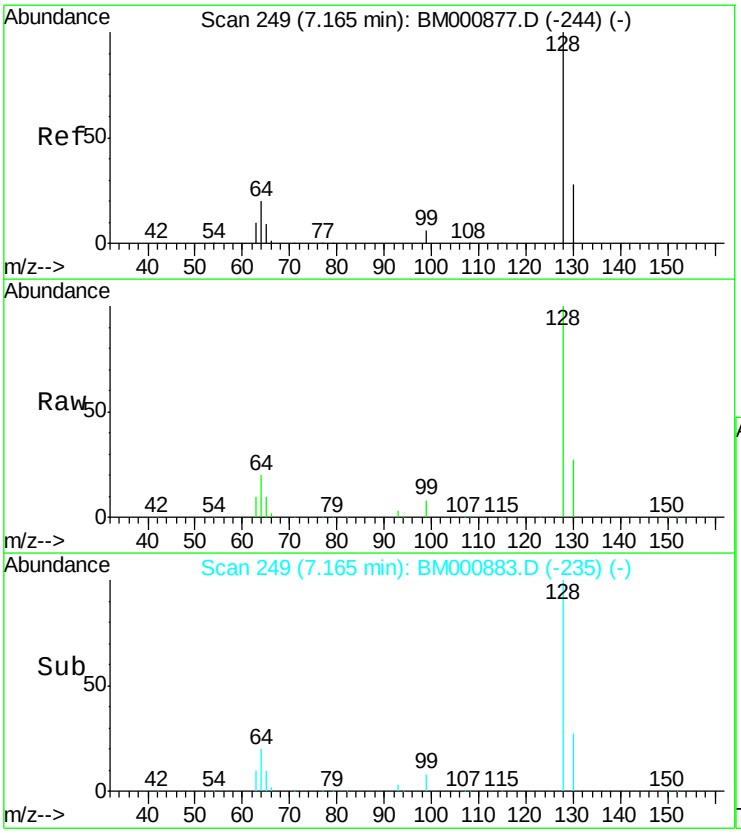
#5
Phenol-d6
Concen: 81.15 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion: 99 Resp: 961409

Ion	Ratio	Lower	Upper
99	100		
42	12.3	7.5	11.3#
71	41.8	21.3	31.9#

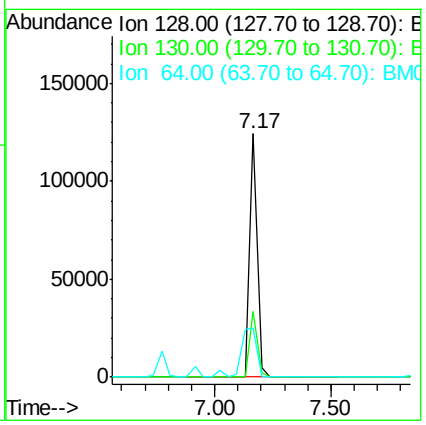


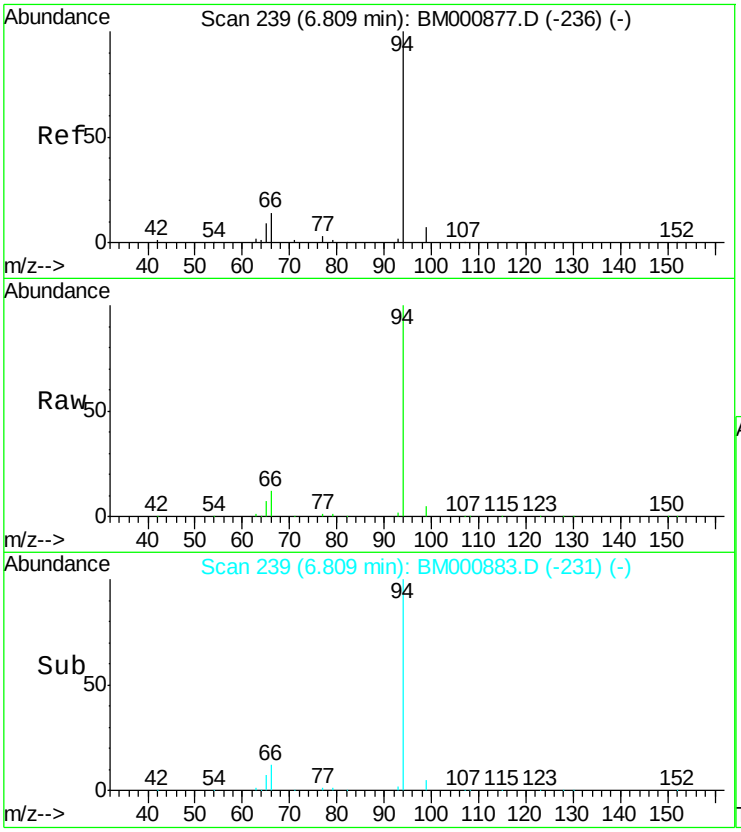


#6
2-Chlorophenol
Concen: 30.90 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:128 Resp: 277616

Ion	Ratio	Lower	Upper
128	100		
130	27.1	9.4	49.4
64	20.2	2.1	42.1



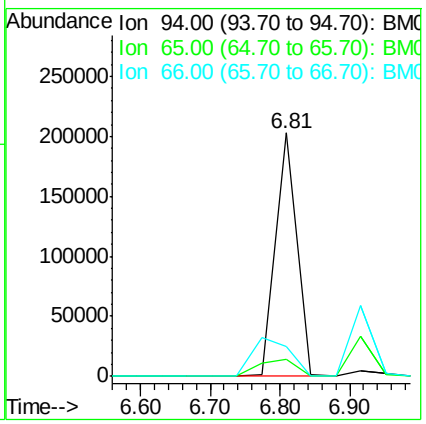


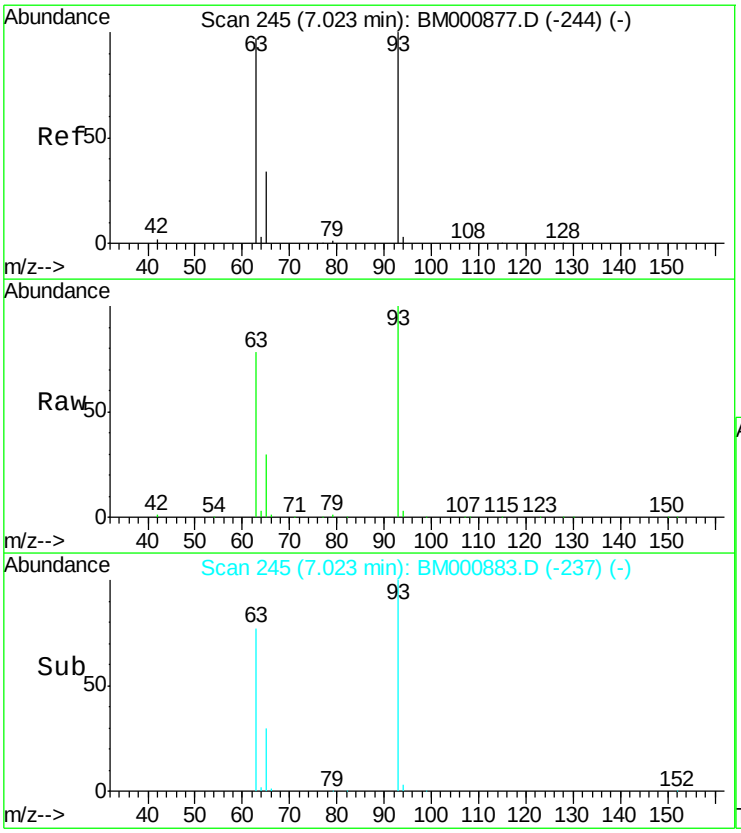
#7
Phenol
Concen: 61.98 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion: 94 Resp: 438961

Ion	Ratio	Lower	Upper
94	100		
65	7.0	0.0	30.9
66	12.0	0.0	35.8

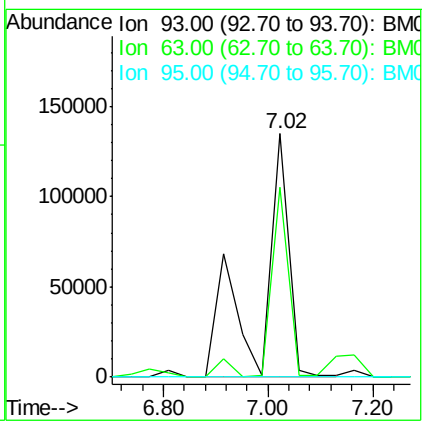


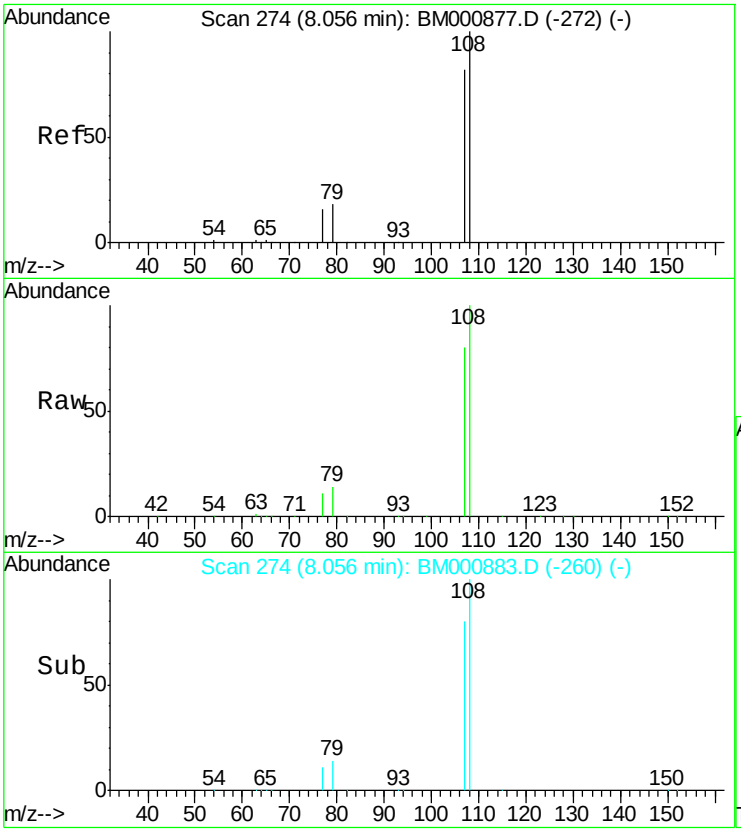


#8
bis(2-Chloroethyl)ether
Concen: 53.63 ng
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion: 93 Resp: 499430

Ion	Ratio	Lower	Upper
93	100		
63	78.1	73.3	113.3
95	0.0	0.0	20.0



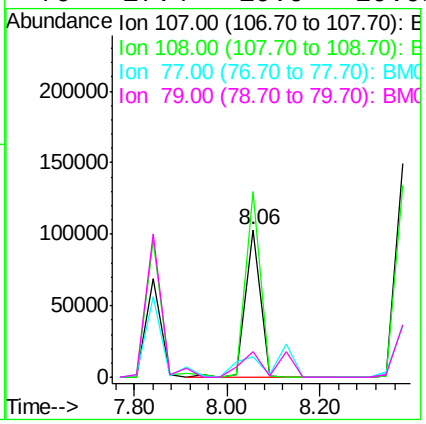


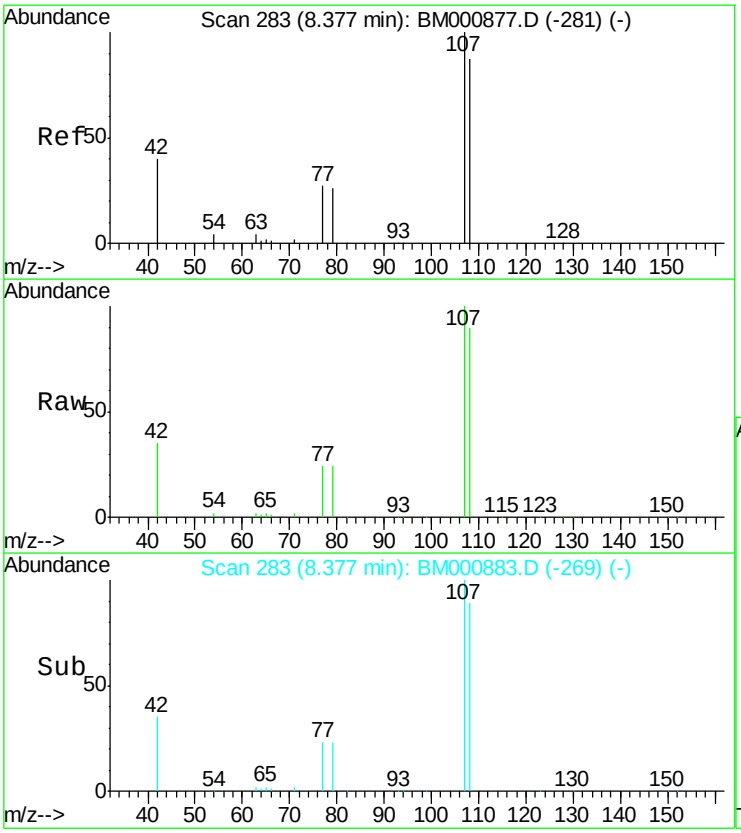
#9
2-Methylphenol
Concen: 44.04 ng
RT: 8.06 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:107 Resp: 228693

Ion	Ratio	Lower	Upper
107	100		
108	125.7	96.7	145.1
77	14.0	18.3	27.5#
79	17.4	19.9	29.9#

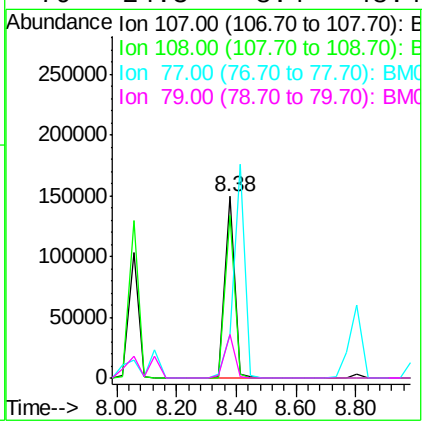


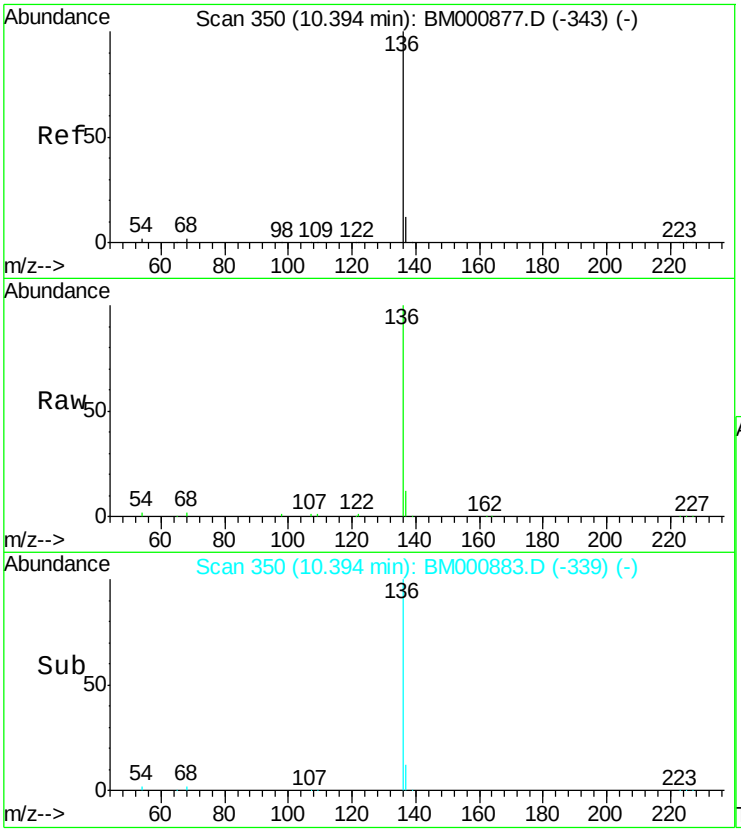


#10
3+4-Methylphenols
Concen: 36.04 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:107 Resp: 329235

Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.6	107.6
77	23.7	10.0	50.0
79	24.3	8.4	48.4



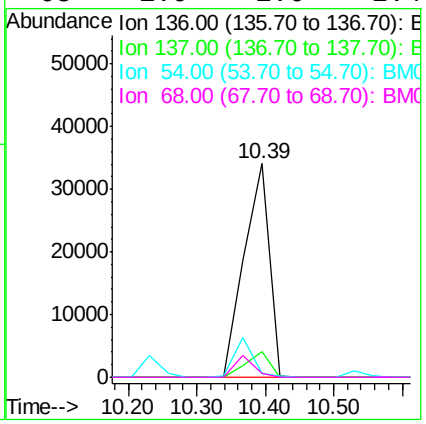


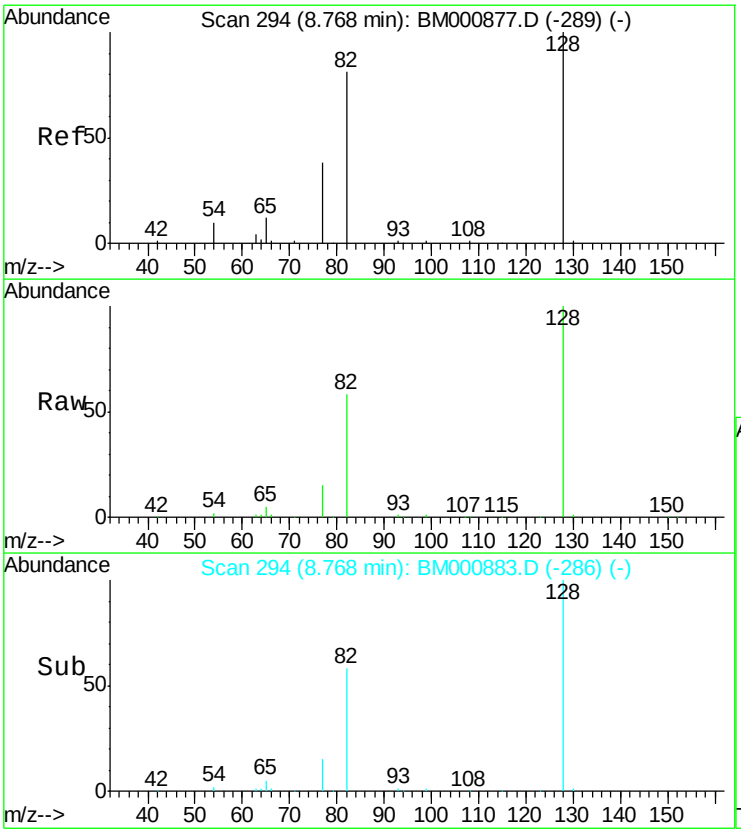
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:136 Resp: 86525

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	1.8	1.5	2.3
68	1.9	1.6	2.4

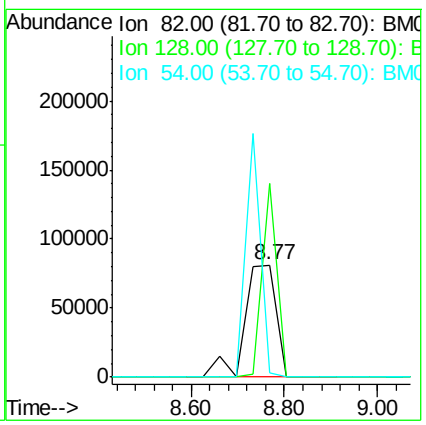


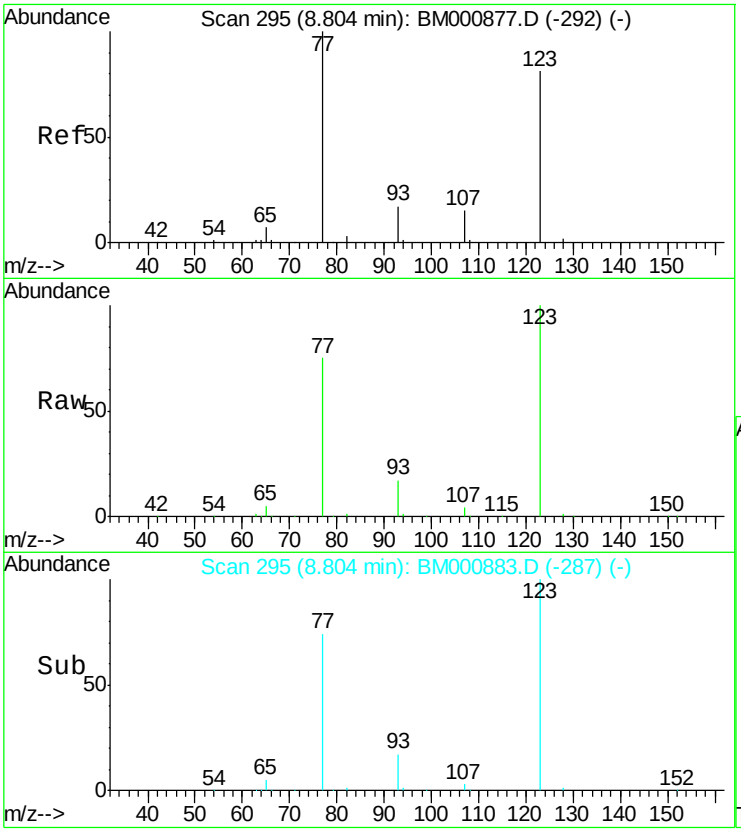


#12
Nitrobenzene-d5
Concen: 87.83 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion: 82 Resp: 379057

Ion	Ratio	Lower	Upper
82	100		
128	173.2	96.2	144.2#
54	3.9	15.0	22.6#



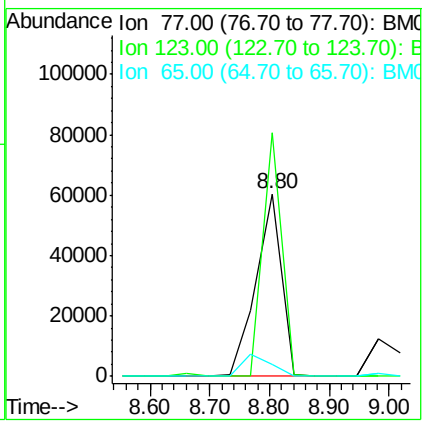


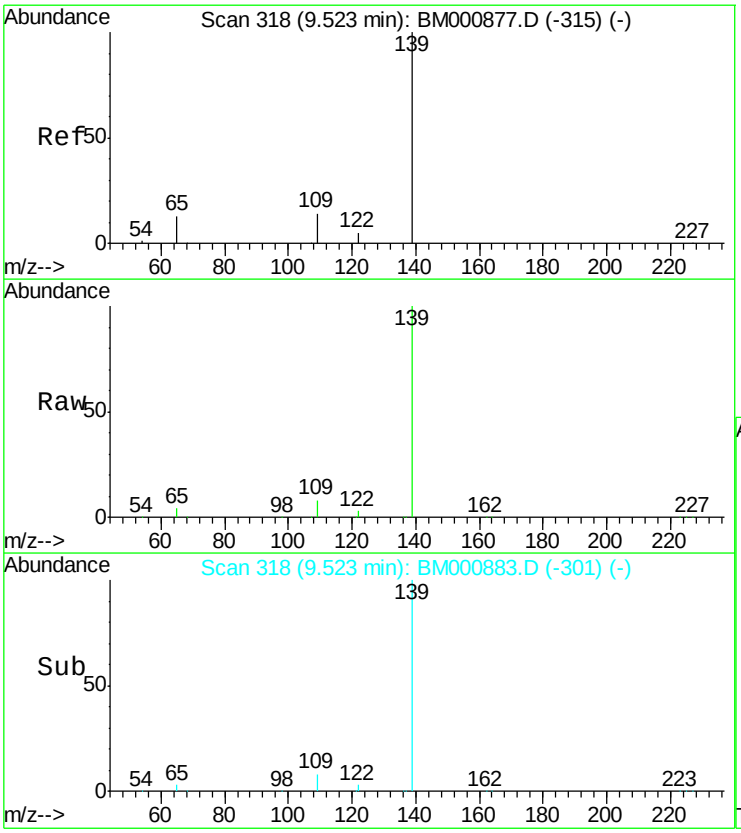
#13
Nitrobenzene
Concen: 40.57 ng
RT: 8.80 min Scan# 295
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion: 77 Resp: 176241

Ion	Ratio	Lower	Upper
77	100		
123	133.6	64.0	96.0#
65	6.2	8.7	13.1#

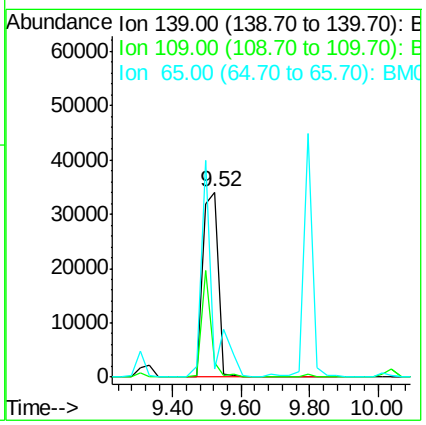


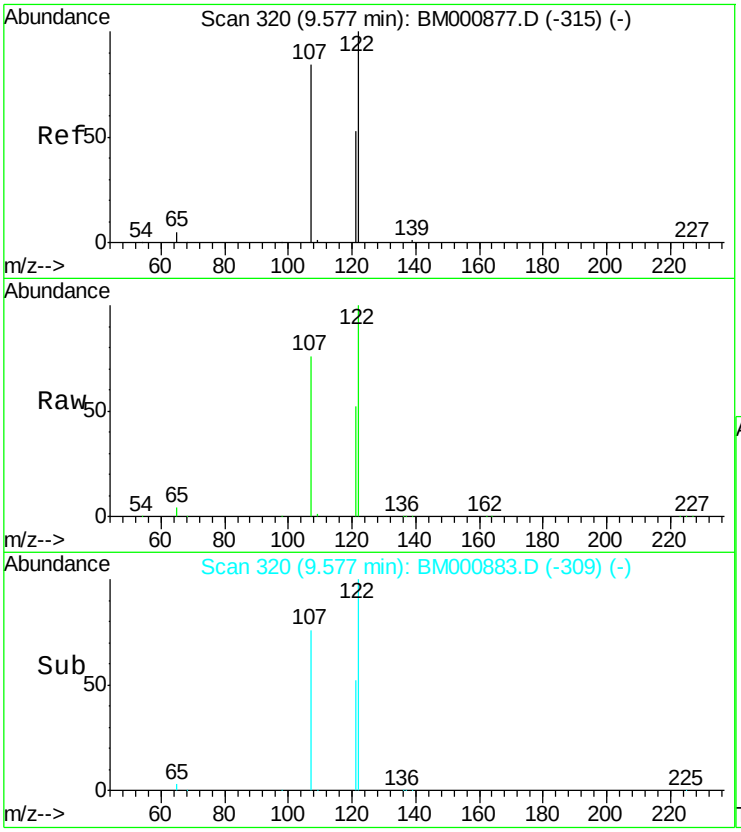


#14
2-Nitrophenol
Concen: 39.09 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:139 Resp: 109832

Ion	Ratio	Lower	Upper
139	100		
109	8.1	15.8	23.8#
65	4.3	16.2	24.2#



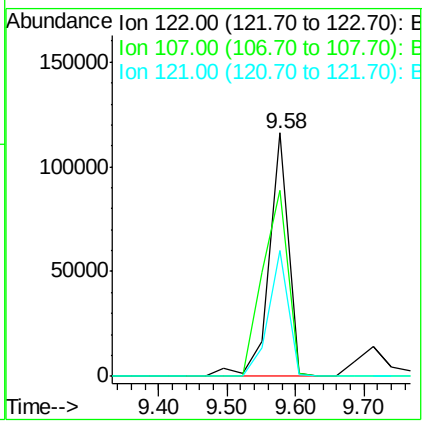


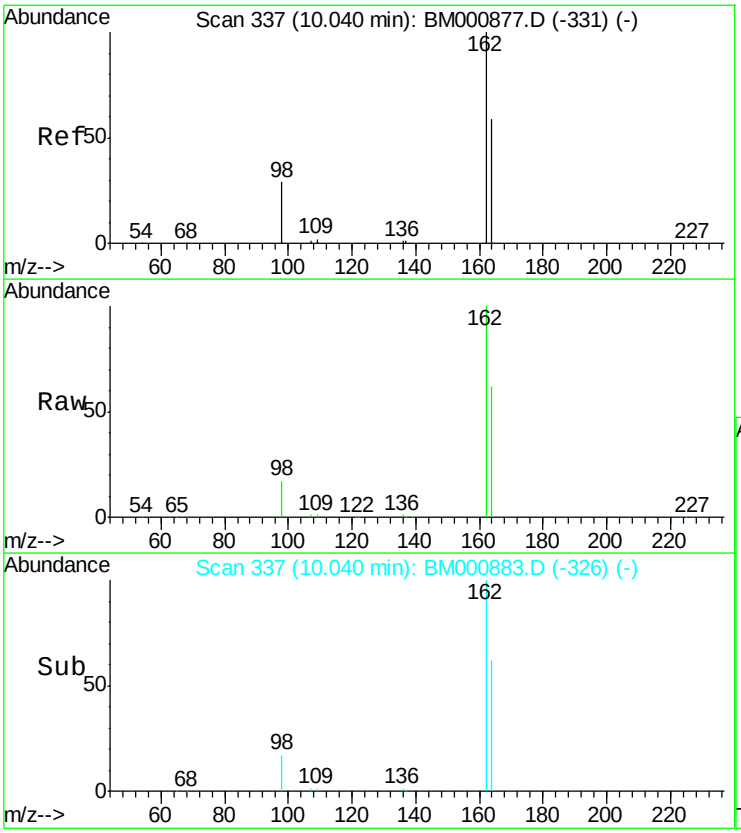
#15
2,4-Dimethylphenol
Concen: 46.02 ng
RT: 9.58 min Scan# 320
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:122 Resp: 228369

Ion	Ratio	Lower	Upper
122	100		
107	76.4	67.4	101.2
121	51.8	43.5	65.3

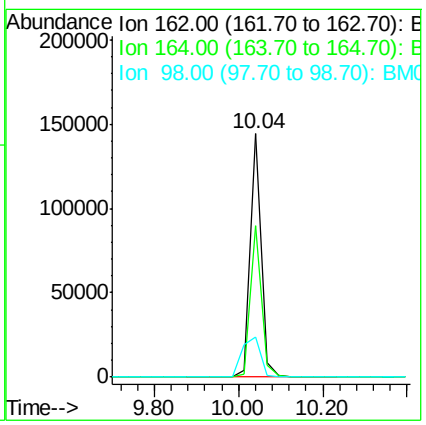


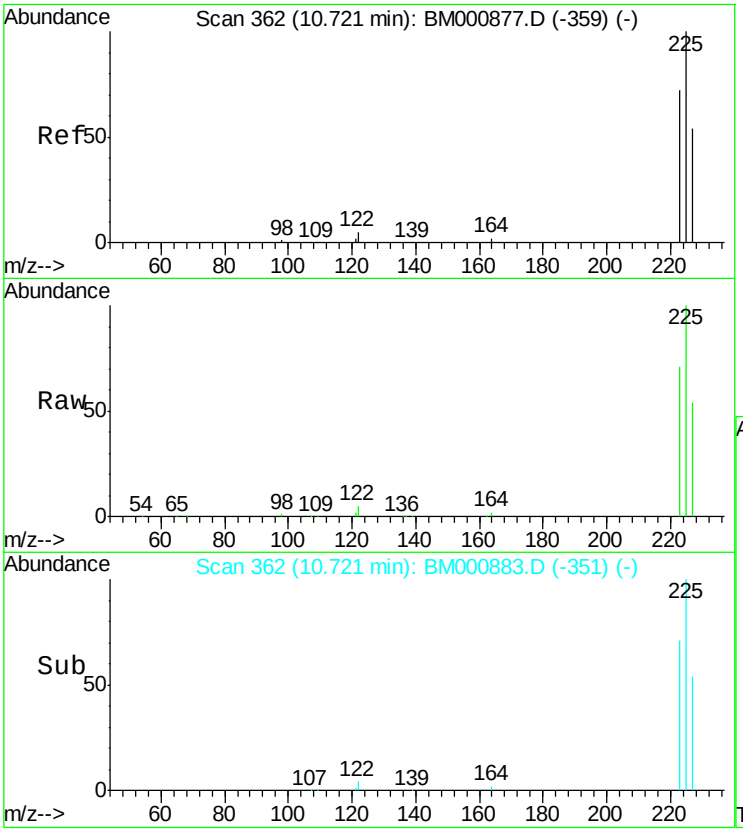


#16
2,4-Dichlorophenol
Concen: 38.96 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:162 Resp: 259361

Ion	Ratio	Lower	Upper
162	100		
164	62.4	39.9	79.9
98	16.7	11.3	51.3



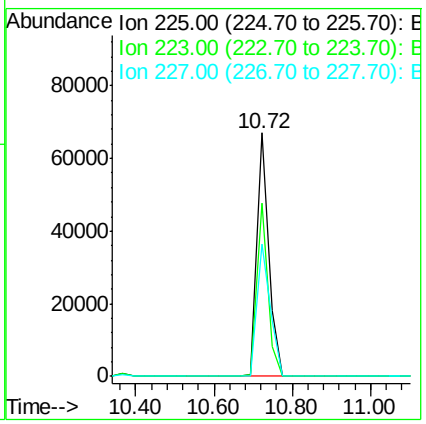


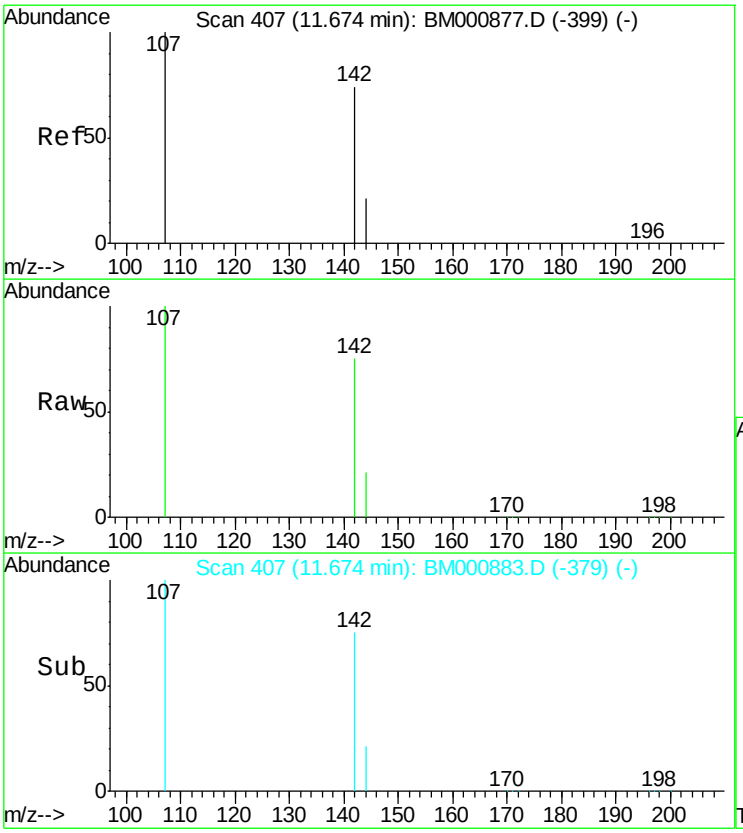
#17
Hexachlorobutadiene
Concen: 35.35 ng
RT: 10.72 min Scan# 362
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:225 Resp: 139352

Ion	Ratio	Lower	Upper
225	100		
223	71.4	58.3	87.5
227	54.4	44.5	66.7

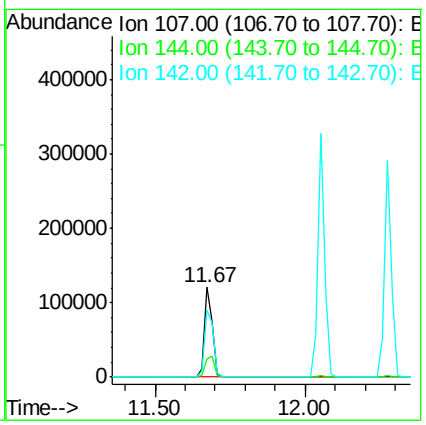


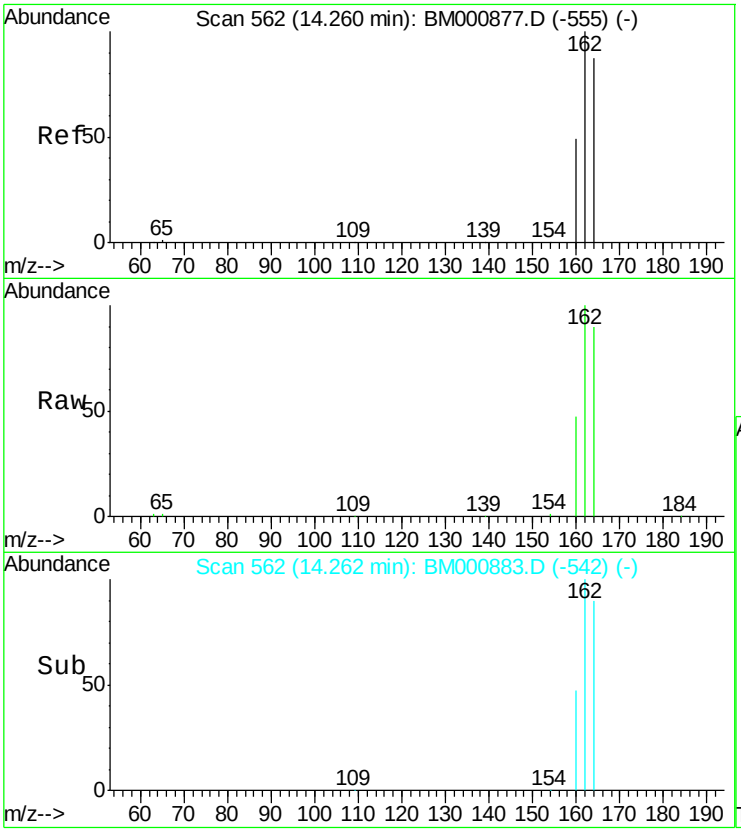


#18
4-Chloro-3-methylphenol
Concen: 35.93 ng
RT: 11.67 min Scan# 407
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:107 Resp: 222608

Ion	Ratio	Lower	Upper
107	100		
144	21.1	18.4	27.6
142	75.2	59.9	89.9



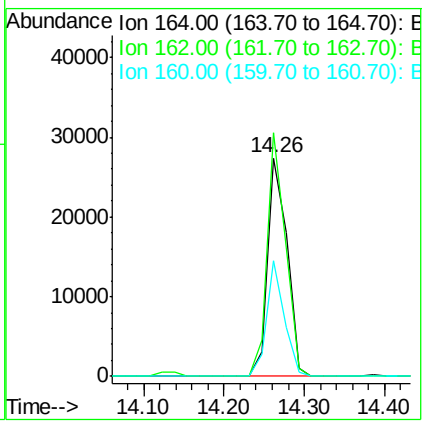


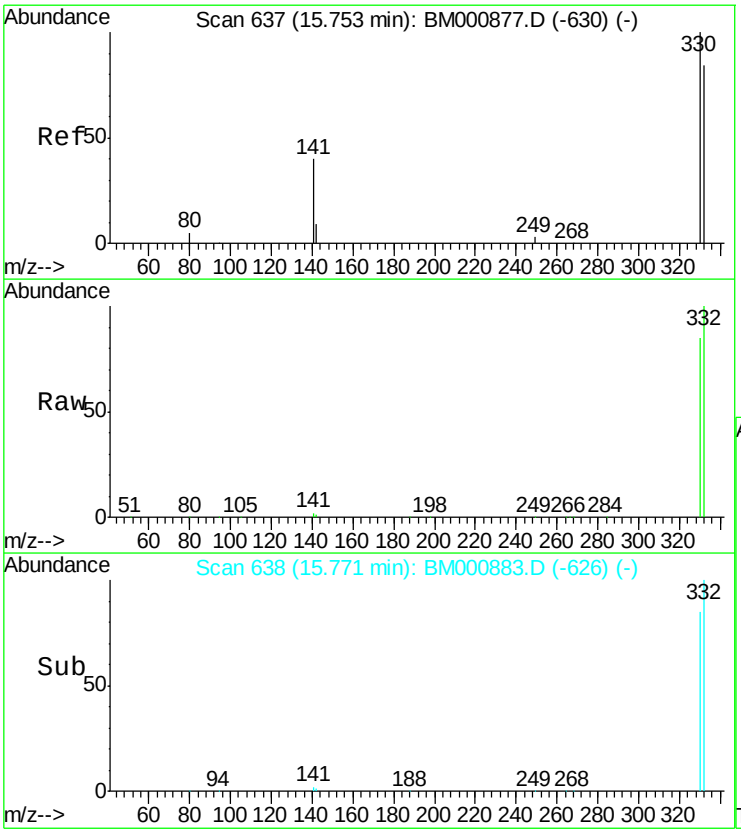
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:164 Resp: 45822

Ion	Ratio	Lower	Upper
164	100		
162	111.5	91.8	137.6
160	52.8	44.6	67.0

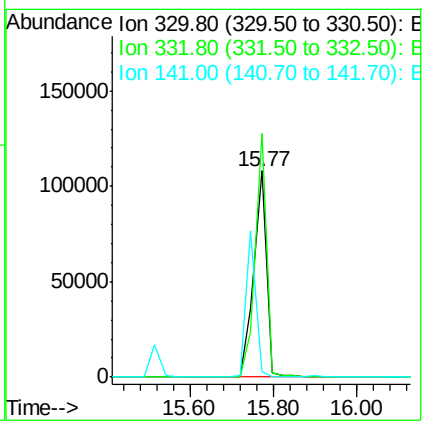


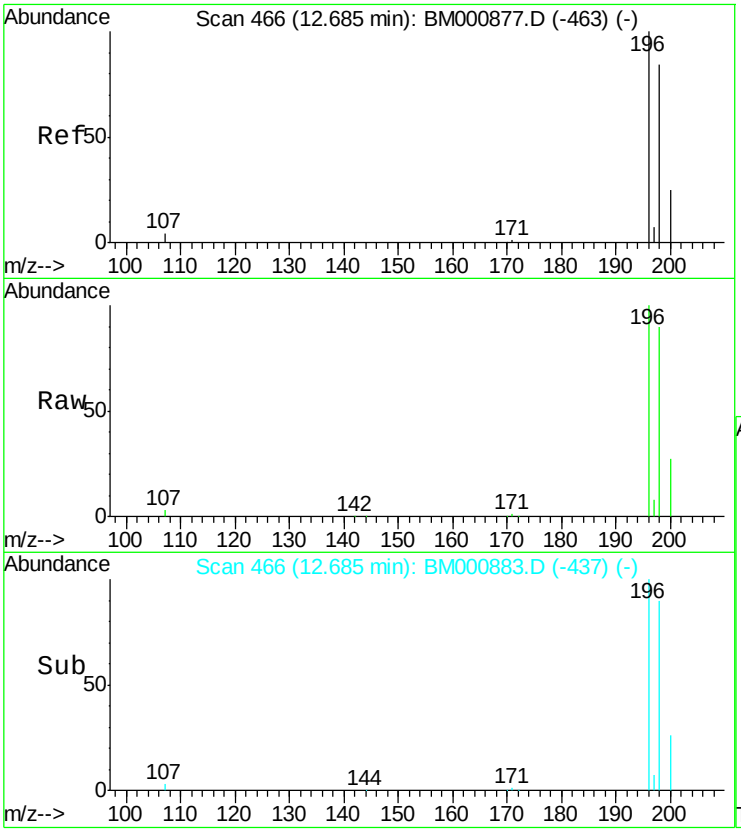


#20
2,4,6-Tribromophenol
Concen: 115.11 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:330 Resp: 227196

Ion	Ratio	Lower	Upper
330	100		
332	105.3	72.6	109.0
141	0.0	29.8	44.6#



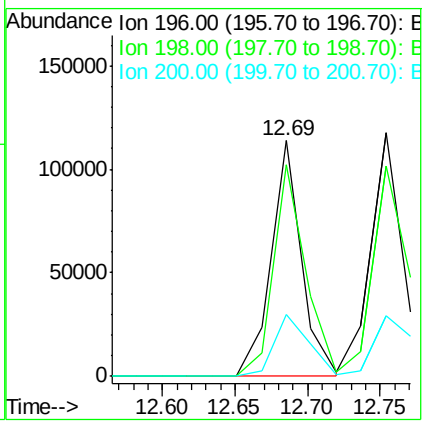


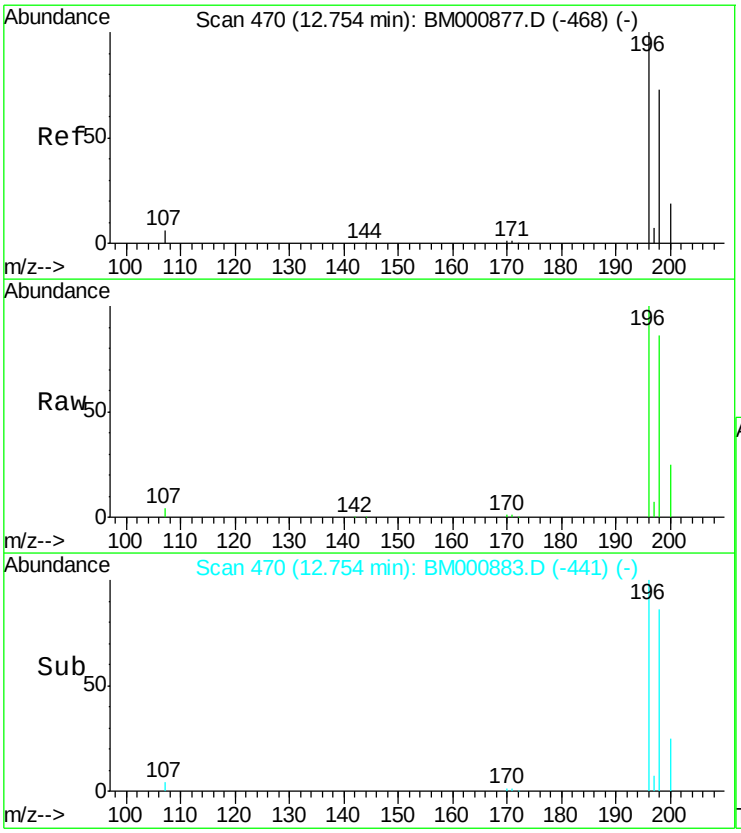
#21
2,4,6-Trichlorophenol
Concen: 43.57 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:196 Resp: 166460

Ion	Ratio	Lower	Upper
196	100		
198	90.0	67.5	101.3
200	26.5	22.1	33.1

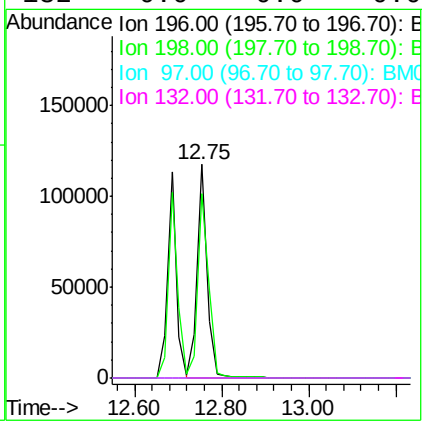


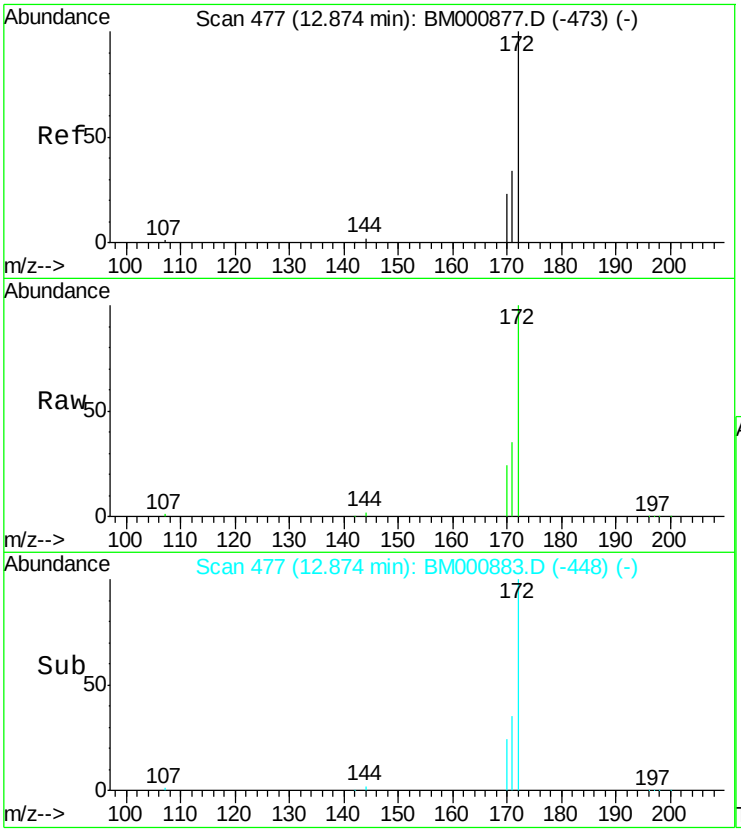


#22
2,4,5-Trichlorophenol
Concen: 40.81 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:196 Resp: 183490

Ion	Ratio	Lower	Upper
196	100		
198	86.2	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0



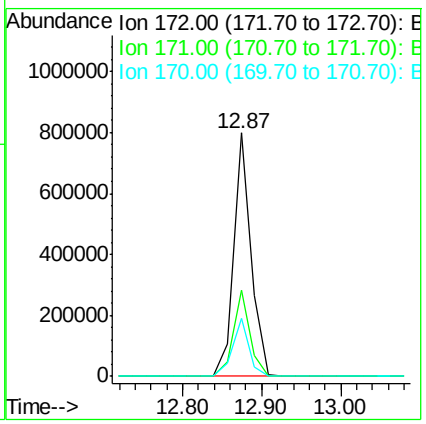


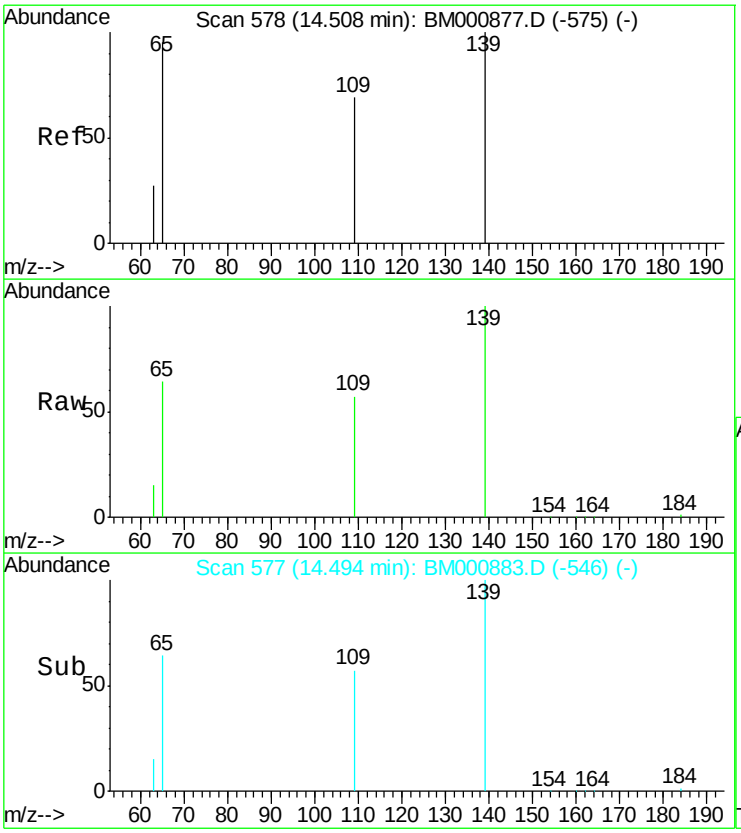
#23
2-Fluorobiphenyl
Concen: 85.55 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:172 Resp: 1208454

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	23.9	19.0	28.6

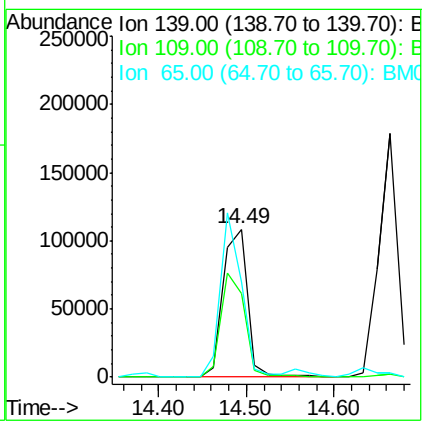


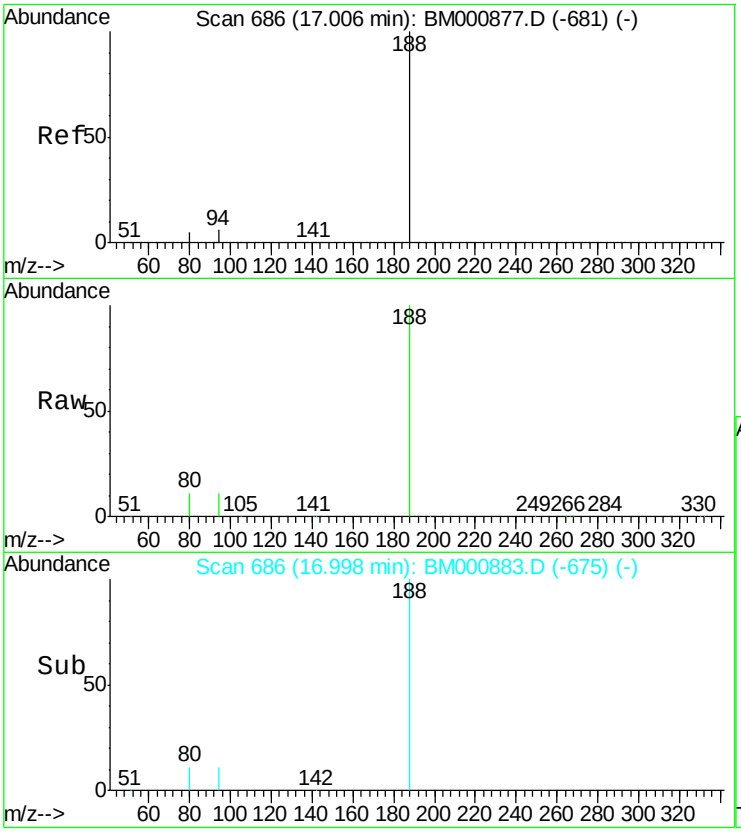


#25
4-Nitrophenol
Concen: 25.67 ng
RT: 14.49 min Scan# 577
Delta R.T. -0.01 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:139 Resp: 210018

Ion	Ratio	Lower	Upper
139	100		
109	56.9	58.4	98.4#
65	64.2	87.7	127.7#



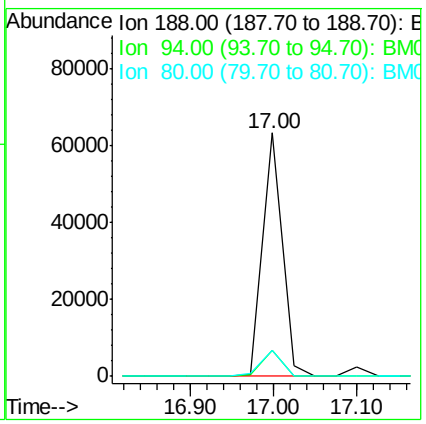


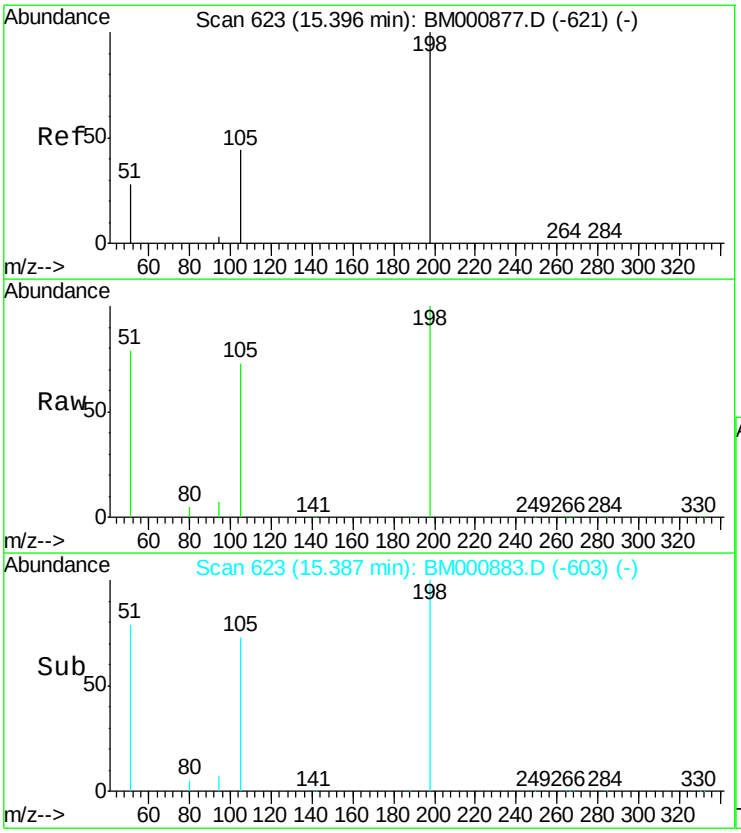
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:188 Resp: 102125

Ion	Ratio	Lower	Upper
188	100		
94	10.7	4.9	7.3#
80	10.9	4.4	6.6#

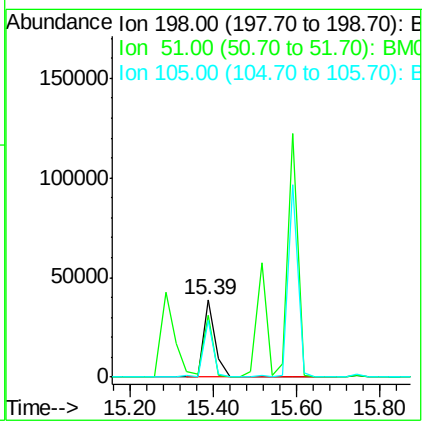


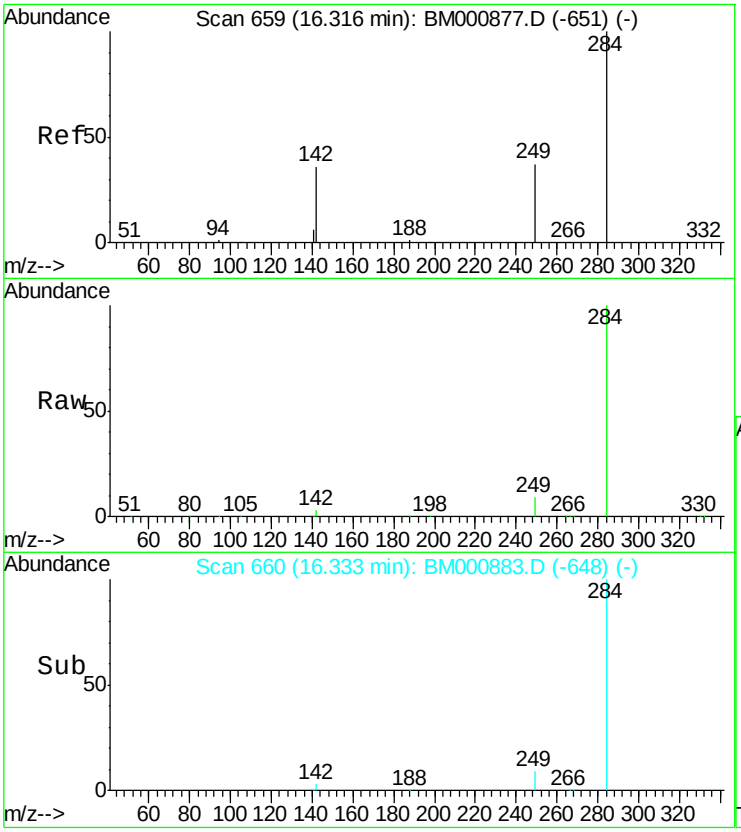


#27
4,6-Dinitro-2-methylphenol
Concen: 18.33 ng
RT: 15.39 min Scan# 623
Delta R.T. -0.01 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:198 Resp: 75591

Ion	Ratio	Lower	Upper
198	100		
51	78.8	44.6	84.6
105	73.0	36.0	76.0



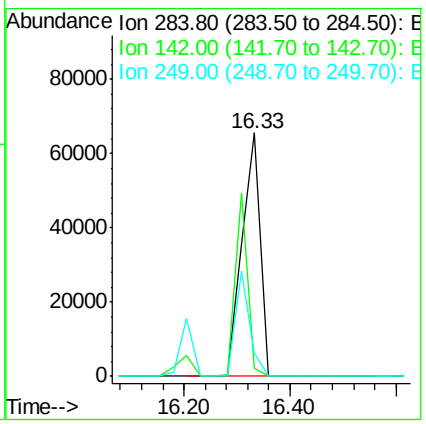


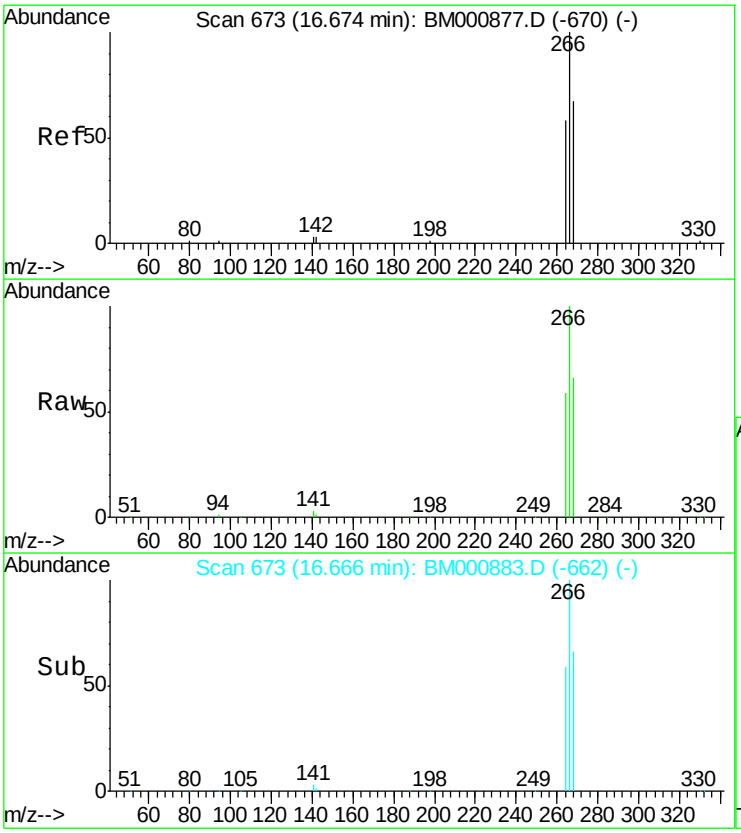
#28
Hexachlorobenzene
Concen: 35.58 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.02 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:284 Resp: 155742

Ion	Ratio	Lower	Upper
284	100		
142	3.2	29.8	44.8#
249	9.5	31.0	46.4#

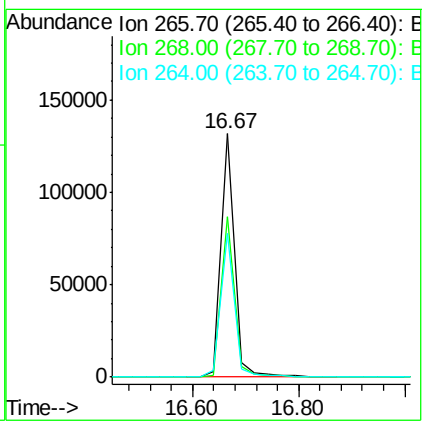


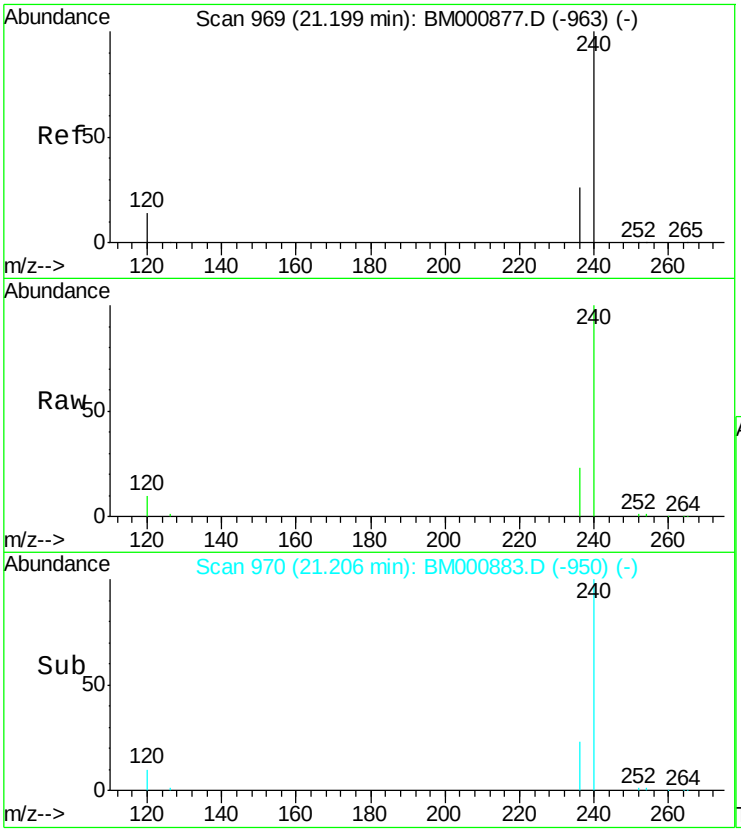


#29
Pentachlorophenol
Concen: 36.86 ng
RT: 16.67 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:266 Resp: 228533

Ion	Ratio	Lower	Upper
266	100		
268	65.7	61.8	92.8
264	58.9	53.8	80.6



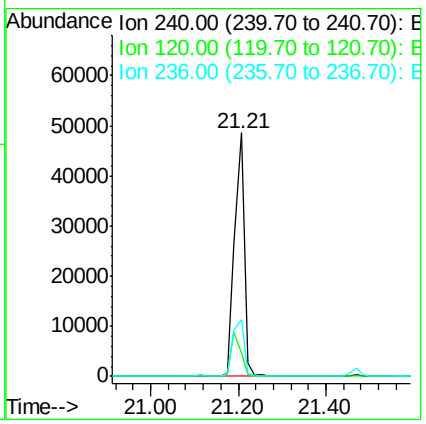


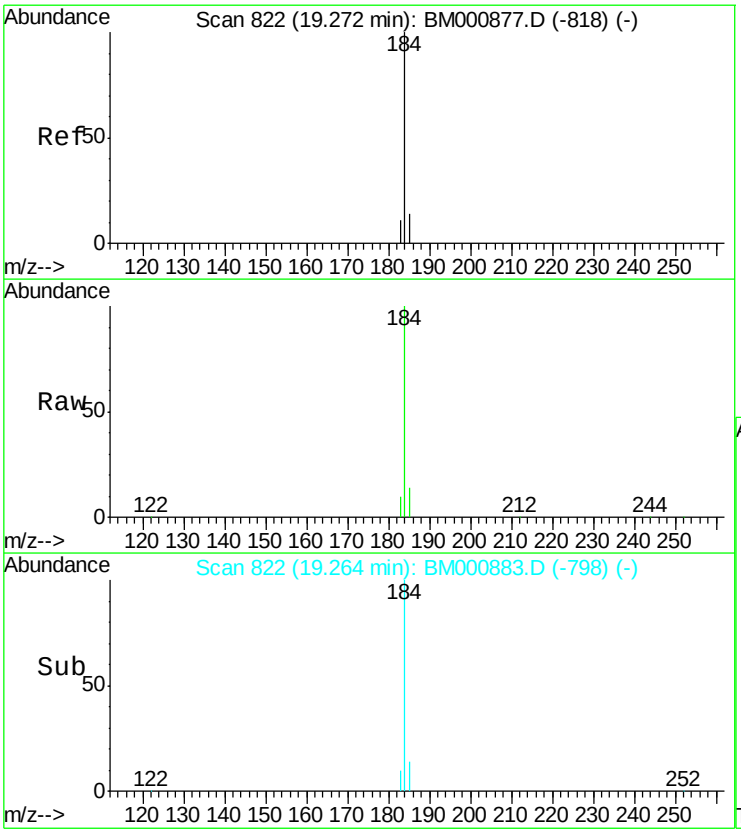
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:240 Resp: 73542

Ion	Ratio	Lower	Upper
240	100		
120	9.7	11.1	16.7#
236	23.5	20.9	31.3

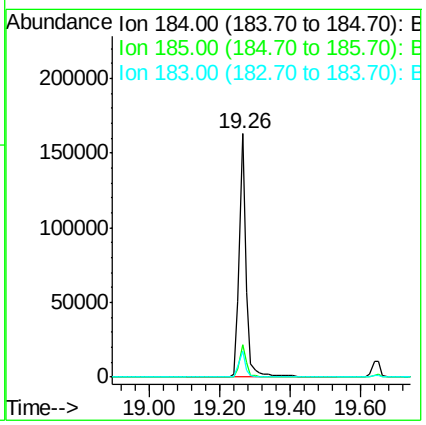


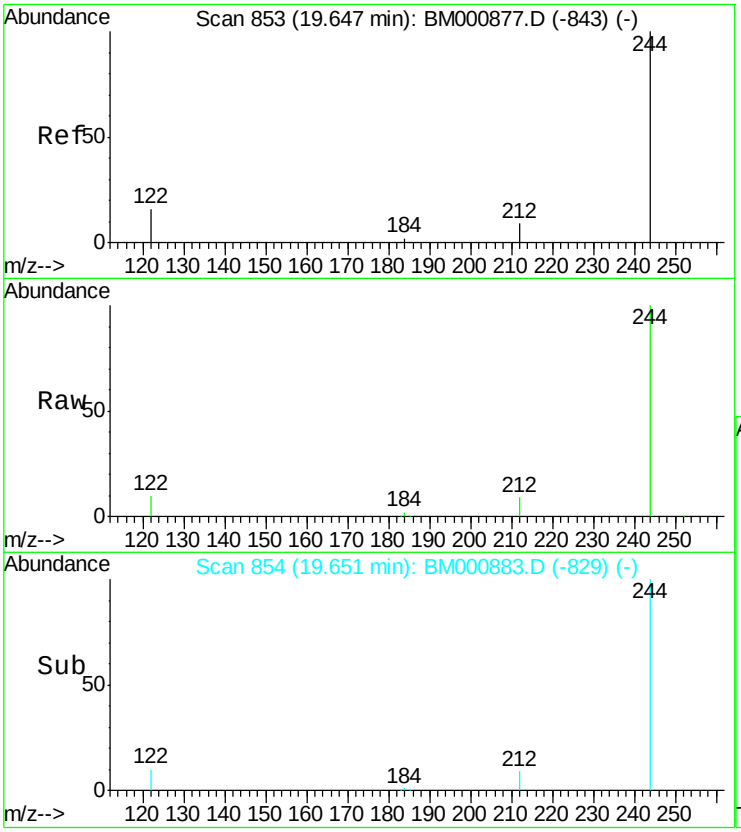


#31
Benzidine
Concen: 13.88 ng
RT: 19.26 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:184 Resp: 220067

Ion	Ratio	Lower	Upper
184	100		
185	13.5	14.4	21.6#
183	10.4	12.6	19.0#



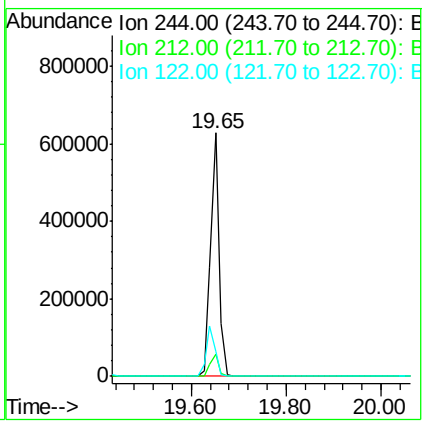


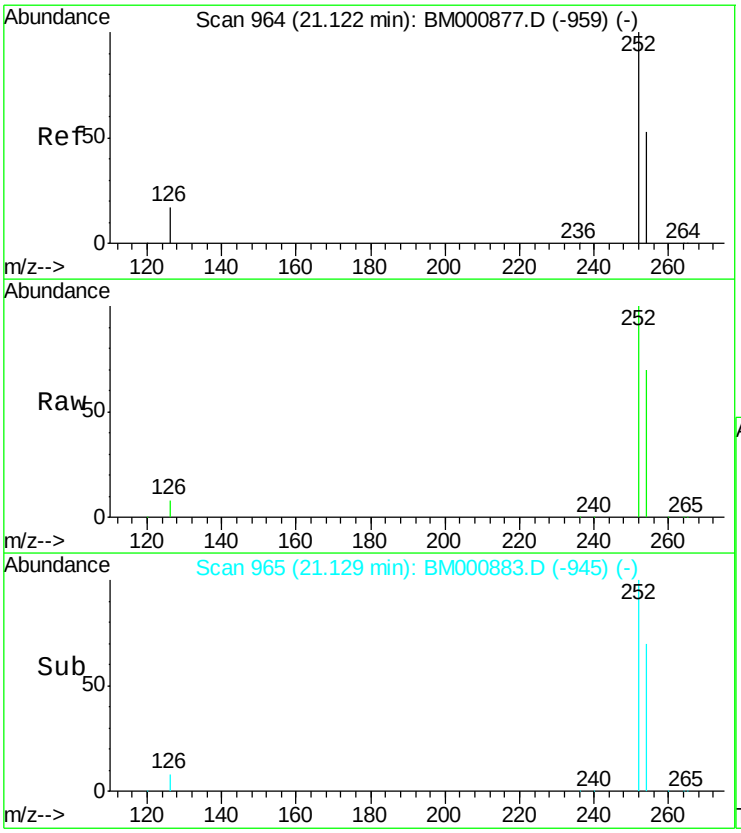
#32
Terphenyl-d14
Concen: 86.28 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:244 Resp: 782631

Ion	Ratio	Lower	Upper
244	100		
212	9.0	8.1	12.1
122	10.2	13.6	20.4#

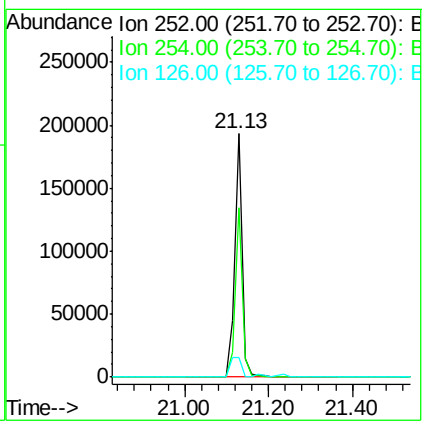


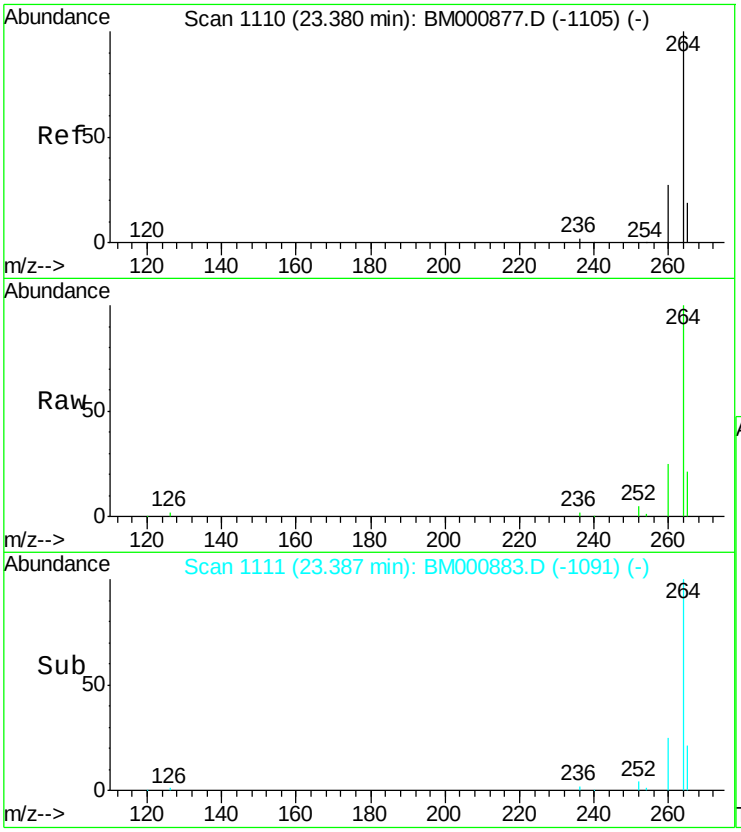


#33
3,3'-Dichlorobenzidine
Concen: 12.28 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Tgt Ion:252 Resp: 241921

Ion	Ratio	Lower	Upper
252	100		
254	69.7	43.2	64.8#
126	8.1	15.5	23.3#





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM000883.D
Acq: 07 Apr 2015 17:02

Instrument :
BNA_M
ClientSampleId :
PB82044BS

Tgt Ion:264 Resp: 71897

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.6	32.4
265	21.4	16.1	24.1