Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000897.D
Acq On : 08 Apr 2015 02:33
Operator : TP/IZ
Sample : PB82337BL
Misc : LOD/LOQ-WATER- BLK
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB82337BL

Quant Time: Apr 08 05:43:19 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	7.59	152	21684	5.00	ng		-0.04
11) Naphthalene-d8	10.39	136	111602	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	60750	5.00	ng		0.00
26) Phenanthrene-d10	17.01	188	116555	5.00	ng		0.00
30) Chrysene-d12	21.20	240	103797	5.00	ng		0.00
34) Perylene-d12	23.38	264	95833	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	99180	13.63	ng		-0.02
5) Phenol-d6	6.77	99	170599	11.42	ng		0.00
12) Nitrobenzene-d5	8.73	82	48488	8.71	ng		-0.04
20) 2,4,6-Tribromophenol	15.75	330	28626	11.20	ng		0.00
23) 2-Fluorobiphenyl	12.87	172	198265	10.59	ng		0.00
32) Terphenyl-d14	19.65	244	145893	11.39	ng		0.00
Target Compounds							Qvalue
6) 2-Chlorophenol	7.17	128	66	0.17	ng	#	1
7) Phenol	6.77	94	103	0.01	ng	#	1
8) bis(2-Chloroethyl)ether	6.99	93	26	0.20	ng		93
9) 2-Methylphenol	8.06	107	30	0.00	ng	#	22
10) 3+4-Methylphenols	8.38	107	88	0.23	ng	#	34
13) Nitrobenzene	8.73	77	259	0.05	ng	#	36
14) 2-Nitrophenol	9.20	139	436	0.25	ng	#	1
15) 2,4-Dimethylphenol	9.60	122	52	0.01	ng	#	46
16) 2,4-Dichlorophenol	9.99	162	8	0.23	ng	#	31
17) Hexachlorobutadiene	10.72	225	33	0.01	ng	#	51
18) 4-Chloro-3-methylphenol	11.67	107	6	0.22	ng	#	61
21) 2,4,6-Trichlorophenol	12.67	196	3	0.24	ng	#	62
22) 2,4,5-Trichlorophenol	12.74	196	2	0.20	ng		84
27) 4,6-Dinitro-2-methylphenol	15.75	198	77	0.22	ng	#	1
28) Hexachlorobenzene	16.29	284	14	Below Cal		#	1
29) Pentachlorophenol	16.65	266	14	0.52	ng	#	76
31) Benzidine	19.30	184	74	Below Cal		#	1
33) 3,3'-Dichlorobenzidine	21.14	252	35	Below Cal		#	29

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

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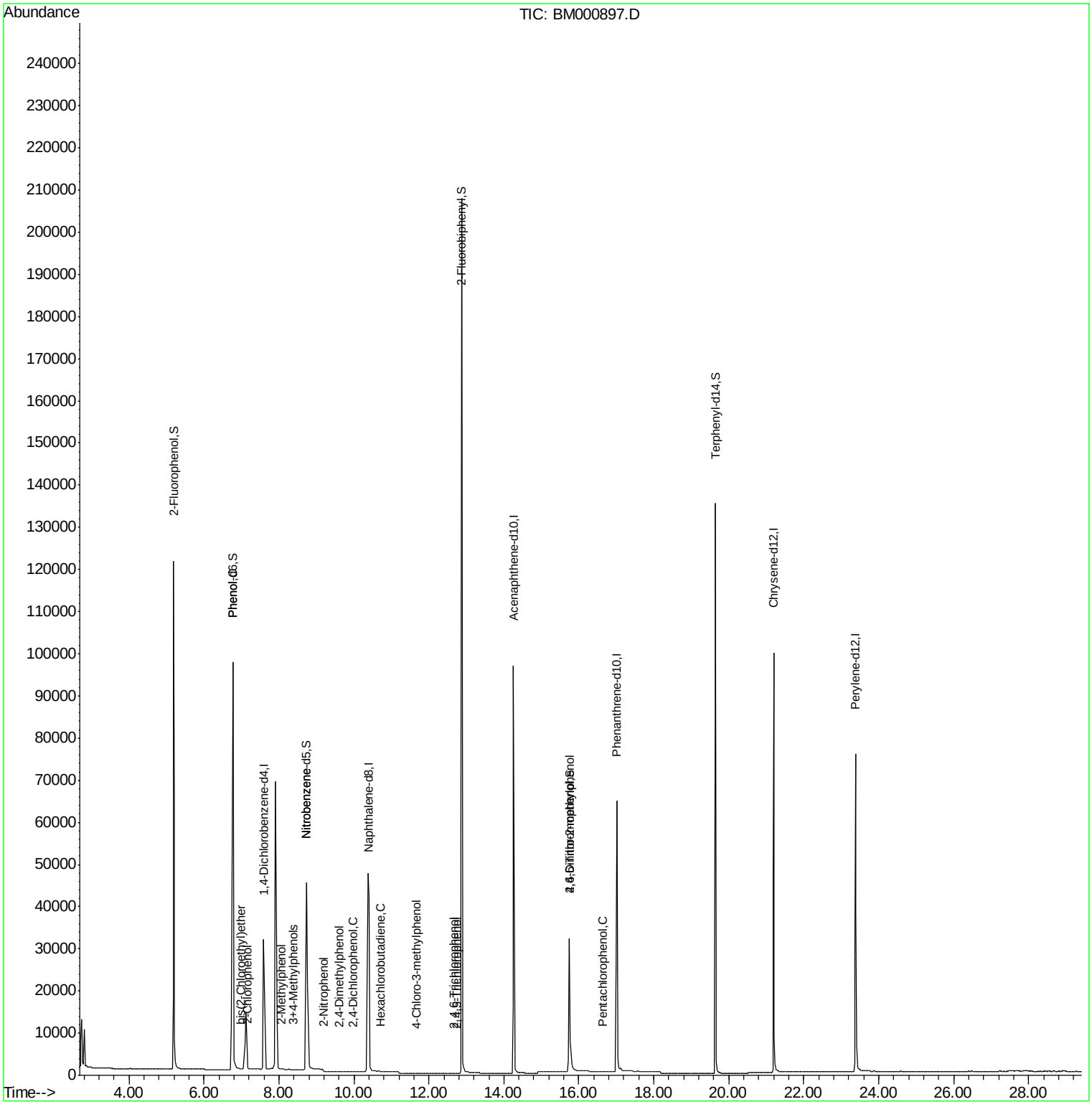
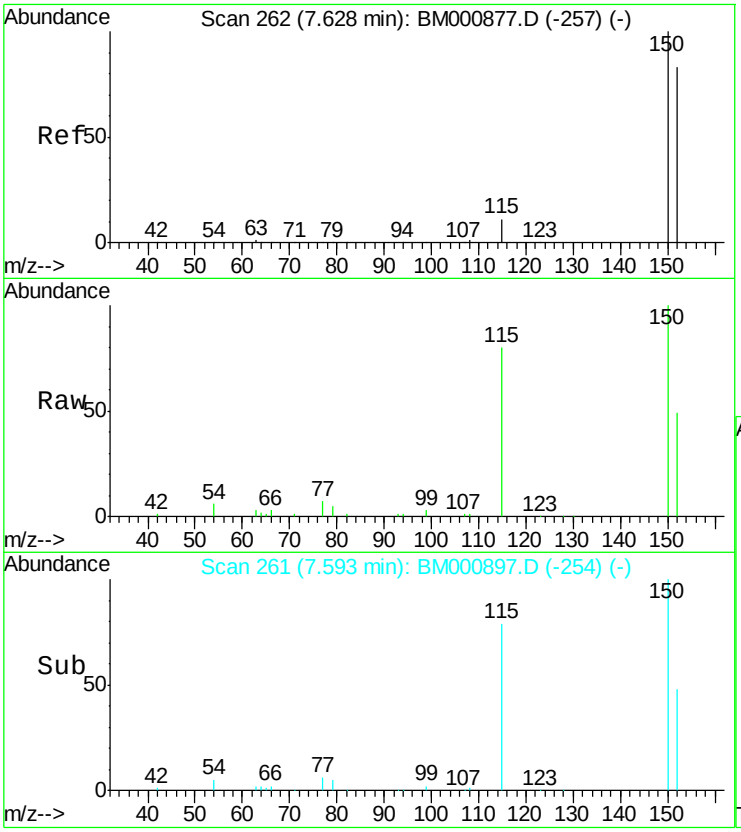


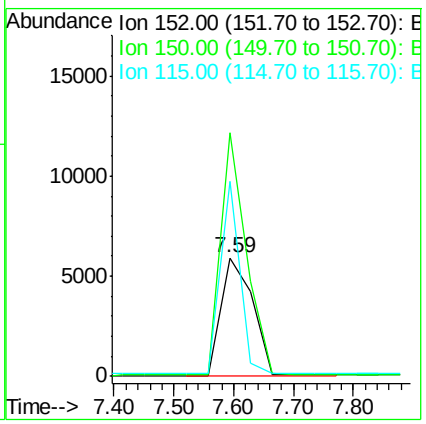


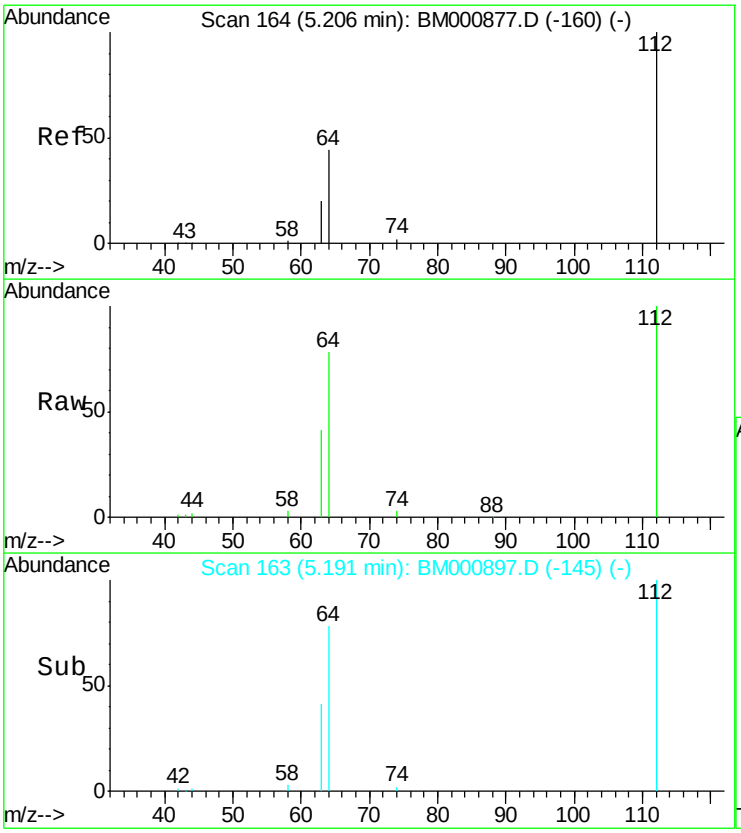
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 261
Delta R.T. -0.04 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:152 Resp: 21684

Ion	Ratio	Lower	Upper
152	100		
150	205.6	96.5	144.7#
115	164.3	11.9	17.9#

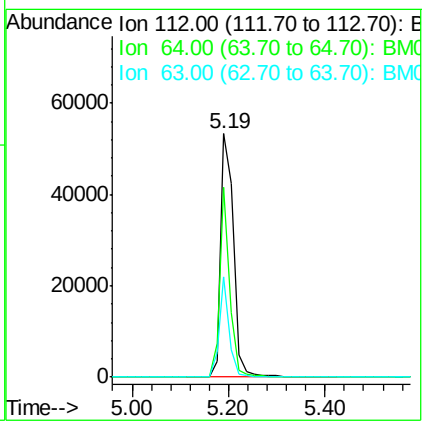


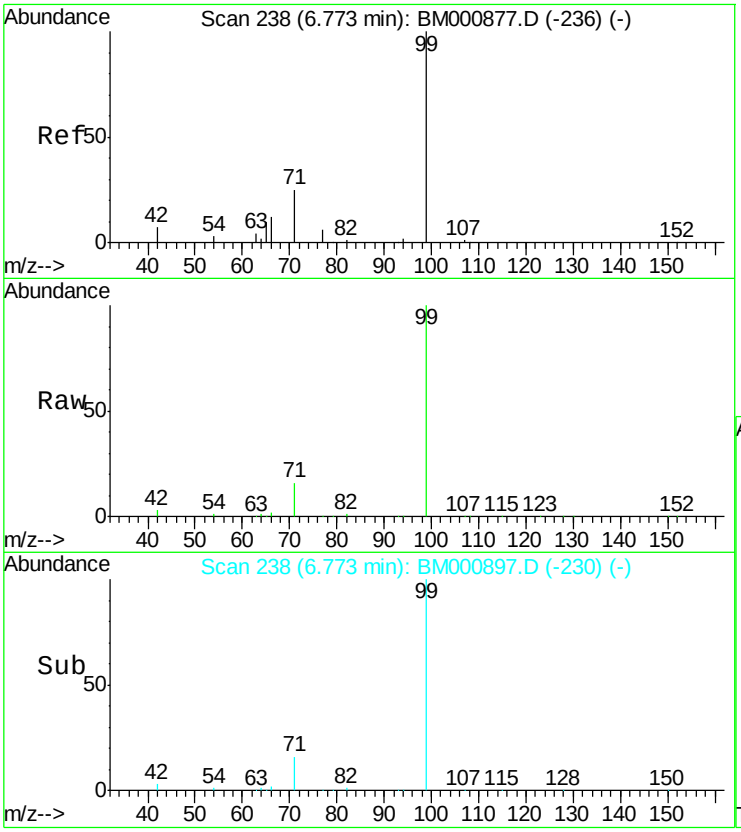


#4
2-Fluorophenol
Concen: 13.63 ng
RT: 5.19 min Scan# 163
Delta R.T. -0.02 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:112 Resp: 99180

Ion	Ratio	Lower	Upper
112	100		
64	78.1	35.7	53.5#
63	41.3	17.0	25.4#



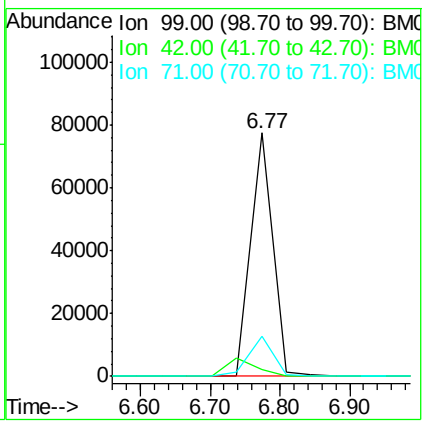


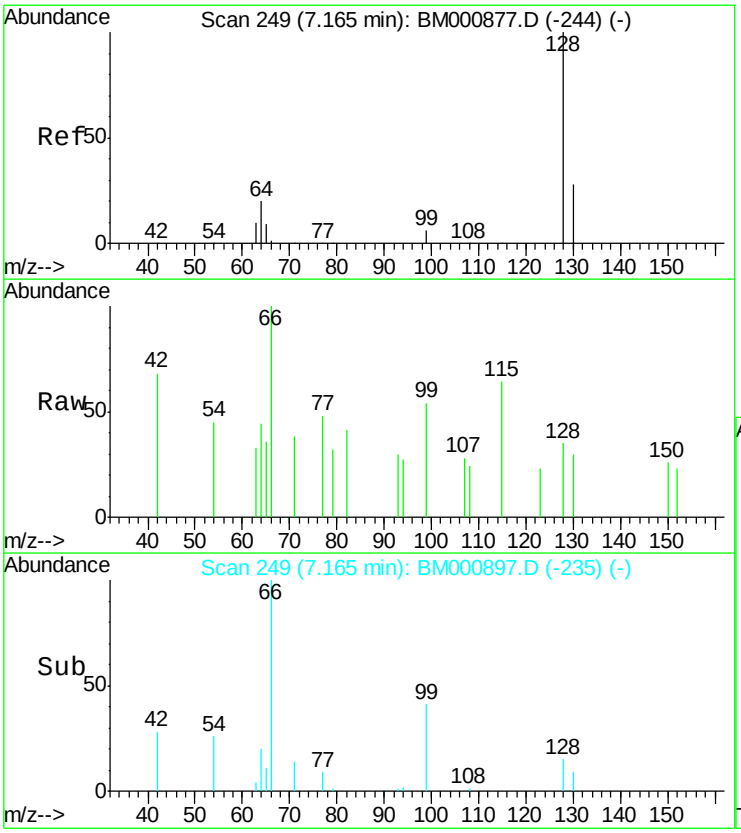
#5
Phenol-d6
Concen: 11.42 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion: 99 Resp: 170599

Ion	Ratio	Lower	Upper
99	100		
42	2.7	7.5	11.3#
71	16.4	21.3	31.9#

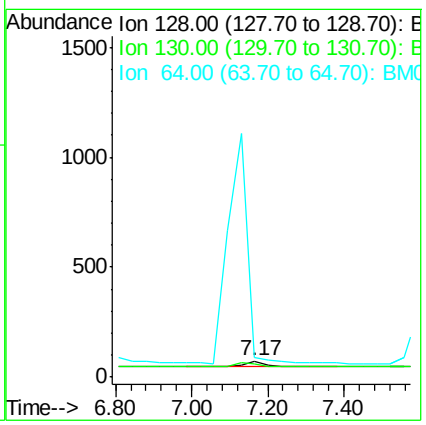


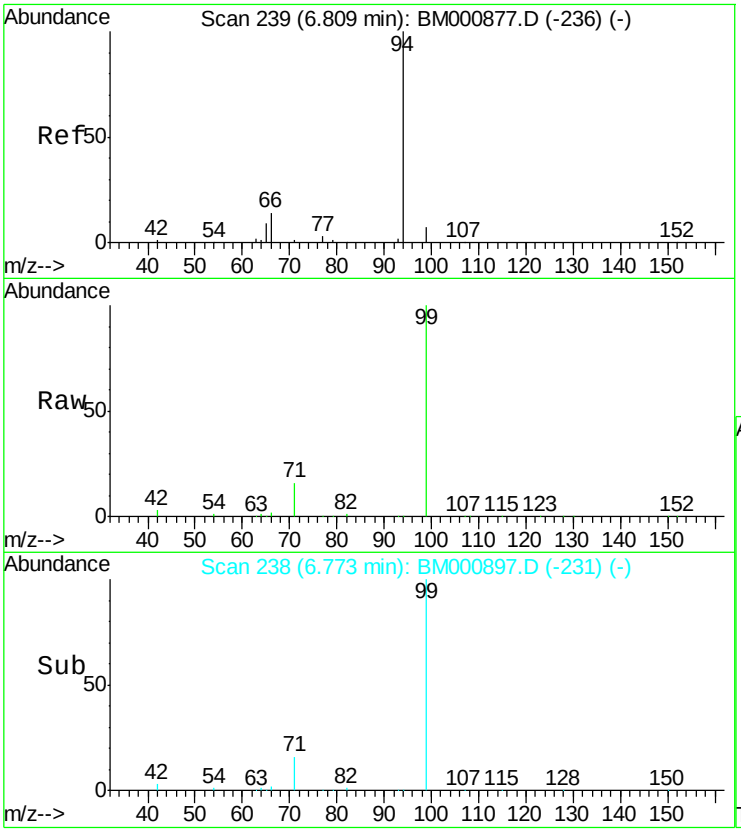


#6
2-Chlorophenol
Concen: 0.17 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:128 Resp: 66

Ion	Ratio	Lower	Upper
128	100		
130	86.3	9.4	49.4#
64	126.0	2.1	42.1#



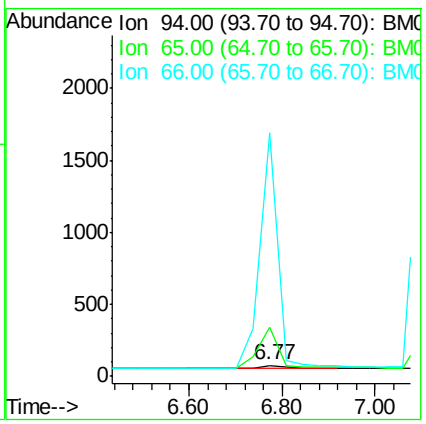


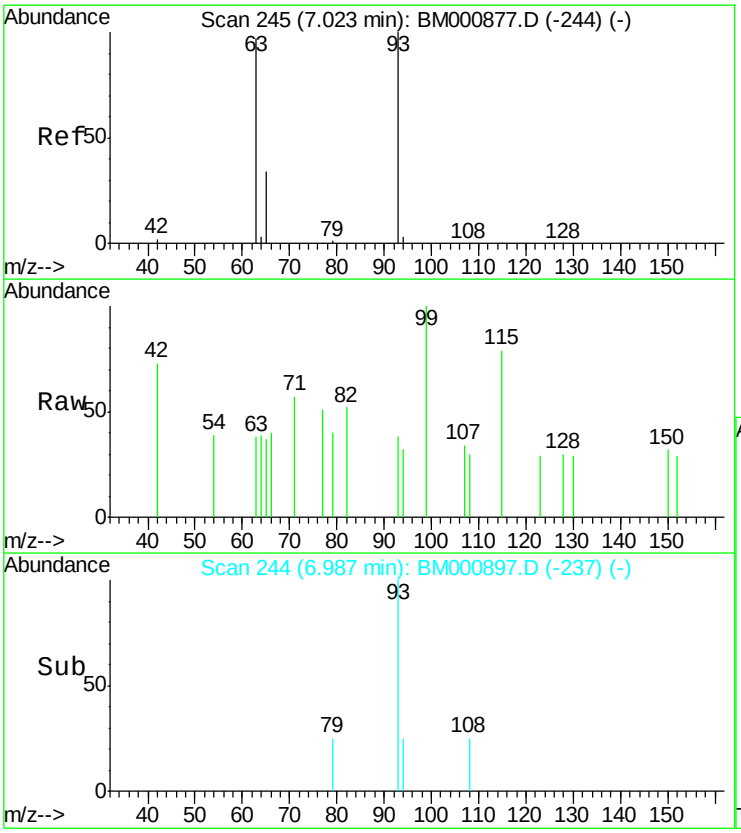
#7
Phenol
Concen: 0.01 ng
RT: 6.77 min Scan# 238
Delta R.T. -0.04 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion: 94 Resp: 103

Ion	Ratio	Lower	Upper
94	100		
65	460.8	0.0	30.9#
66	2285.1	0.0	35.8#

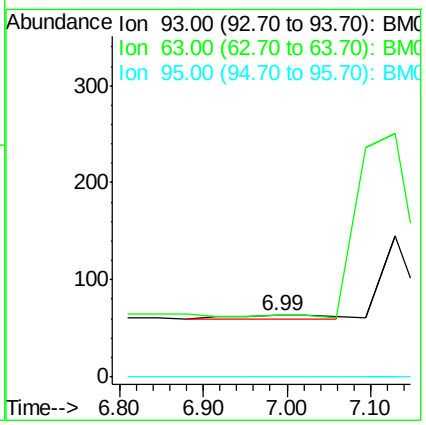


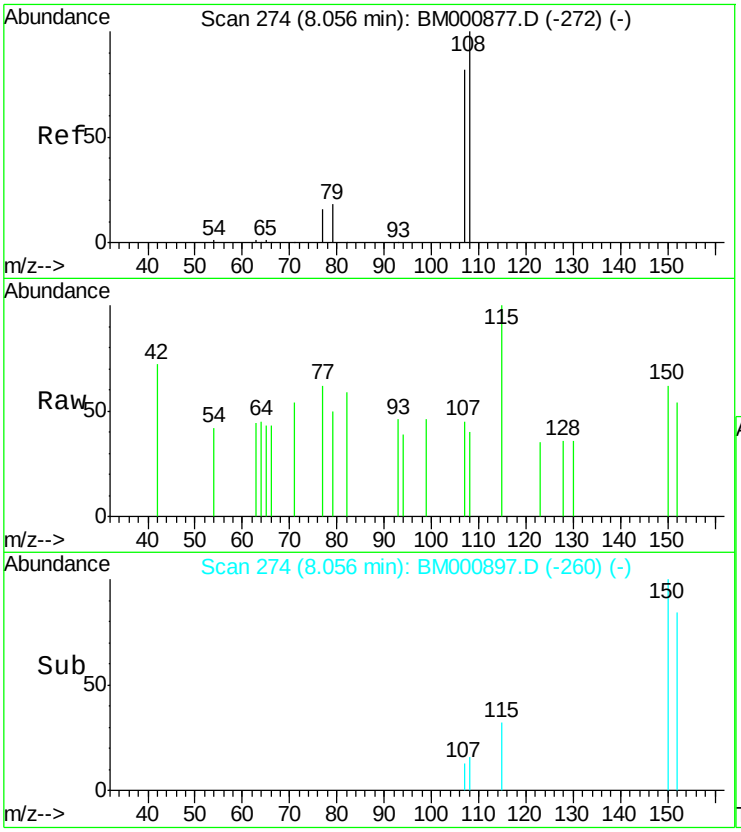


#8
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 6.99 min Scan# 244
Delta R.T. -0.03 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion: 93 Resp: 26

Ion	Ratio	Lower	Upper
93	100		
63	100.0	73.3	113.3
95	0.0	0.0	20.0



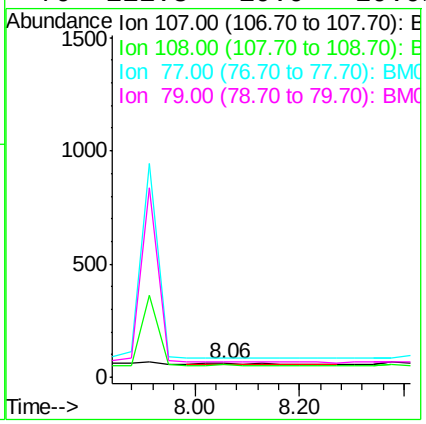


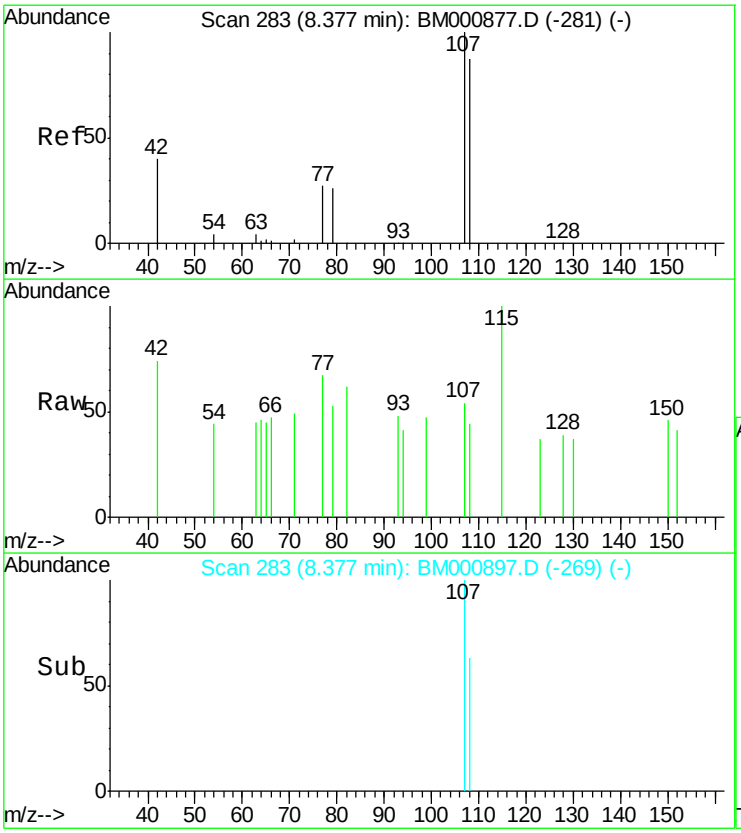
#9
2-Methylphenol
Concen: 0.00 ng
RT: 8.06 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:107 Resp: 30

Ion	Ratio	Lower	Upper
107	100		
108	88.7	96.7	145.1#
77	137.1	18.3	27.5#
79	111.3	19.9	29.9#

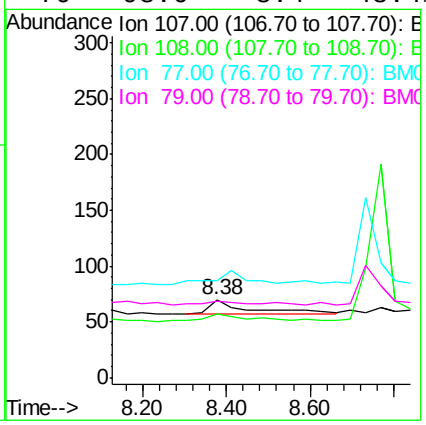


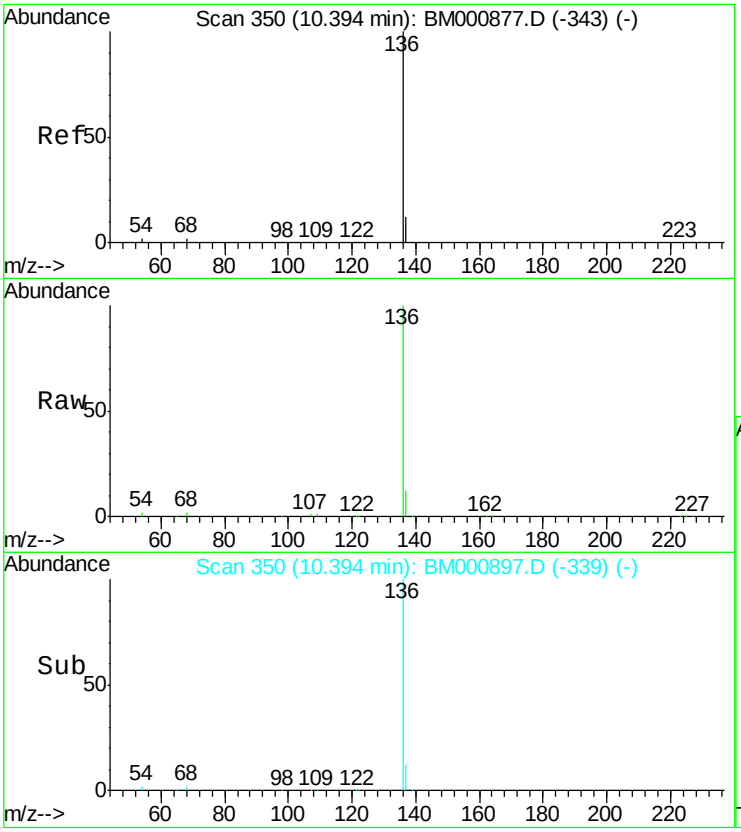


#10
3+4-Methylphenols
Concen: 0.23 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:107 Resp: 88

Ion	Ratio	Lower	Upper
107	100		
108	81.4	67.6	107.6
77	124.3	10.0	50.0#
79	98.6	8.4	48.4#



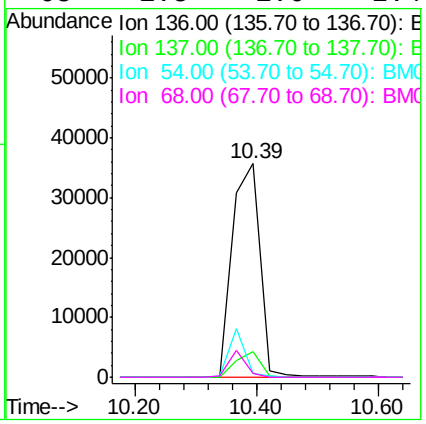


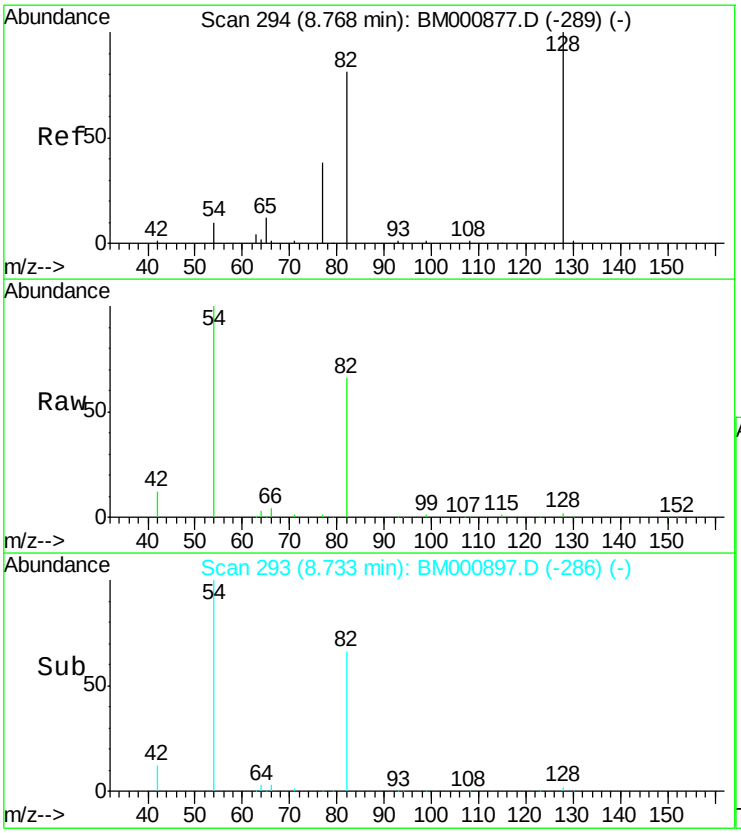
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:136 Resp: 111602

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	1.7	1.5	2.3
68	1.8	1.6	2.4

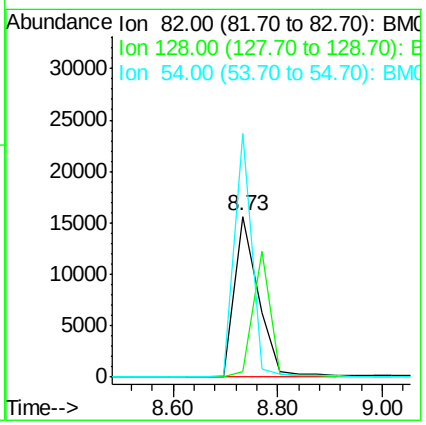


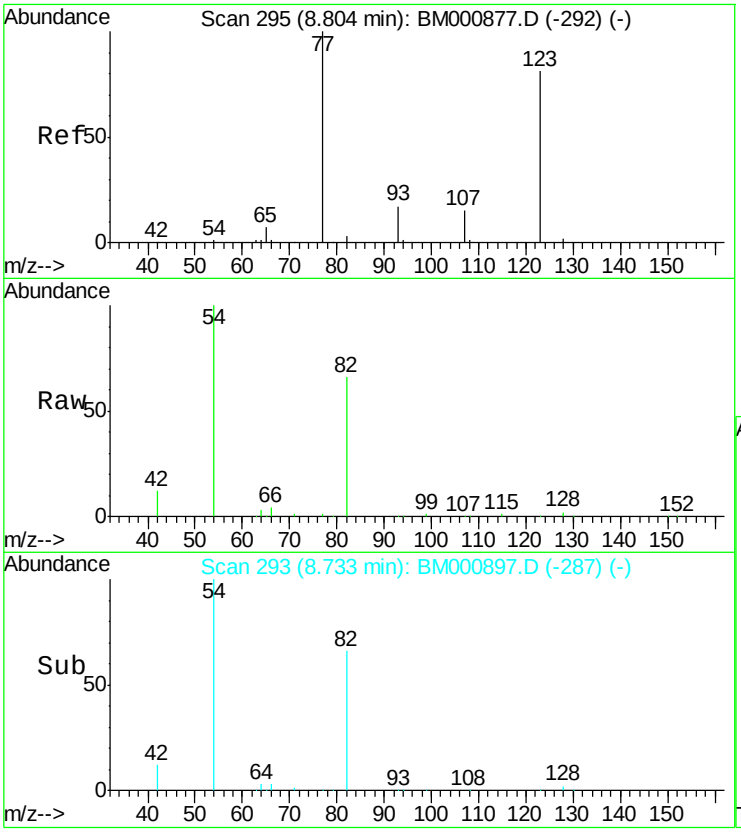


#12
Nitrobenzene-d5
Concen: 8.71 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.04 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion: 82 Resp: 48488

Ion	Ratio	Lower	Upper
82	100		
128	3.6	96.2	144.2#
54	151.5	15.0	22.6#



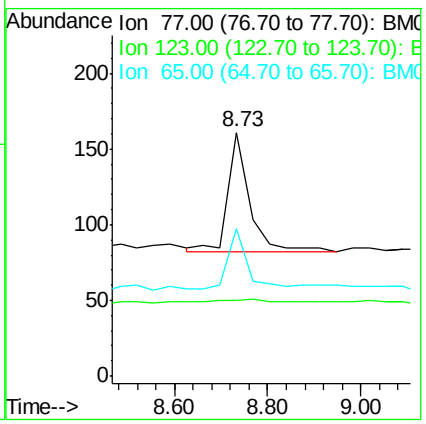


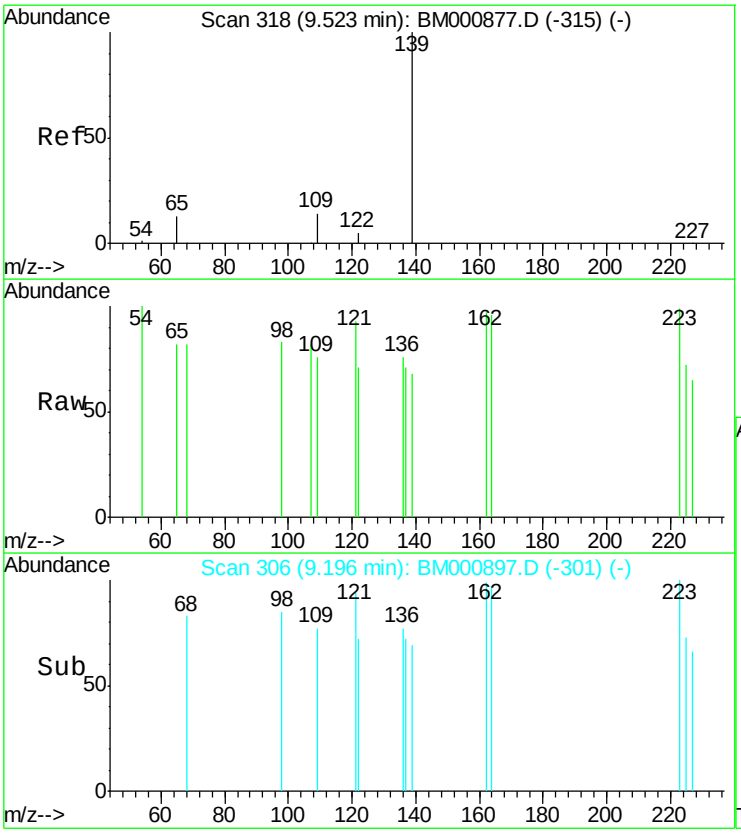
#13
Nitrobenzene
Concen: 0.05 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.07 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion: 77 Resp: 259

Ion	Ratio	Lower	Upper
77	100		
123	31.1	64.0	96.0#
65	60.2	8.7	13.1#

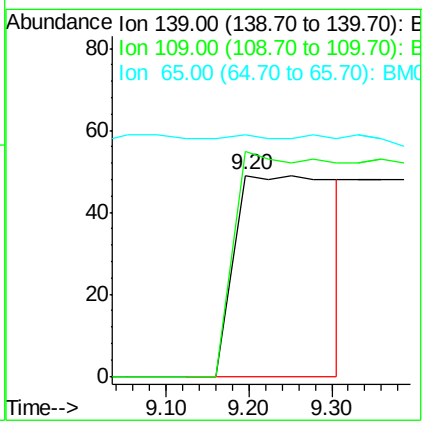


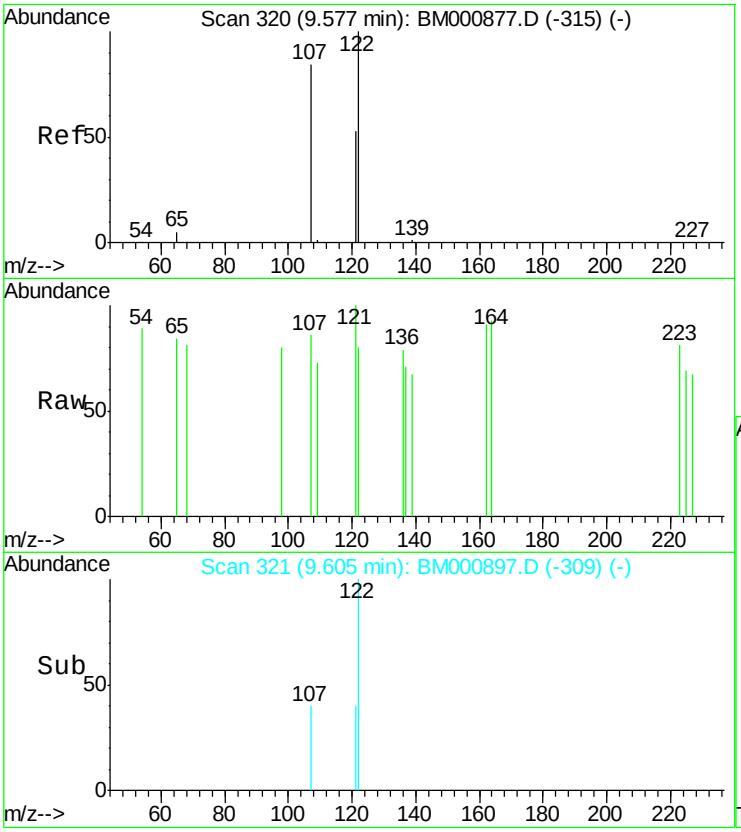


#14
2-Nitrophenol
Concen: 0.25 ng
RT: 9.20 min Scan# 306
Delta R.T. -0.33 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:139 Resp: 436

Ion	Ratio	Lower	Upper
139	100		
109	112.2	15.8	23.8#
65	120.4	16.2	24.2#



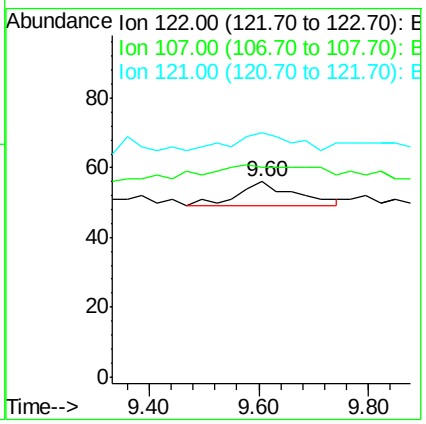


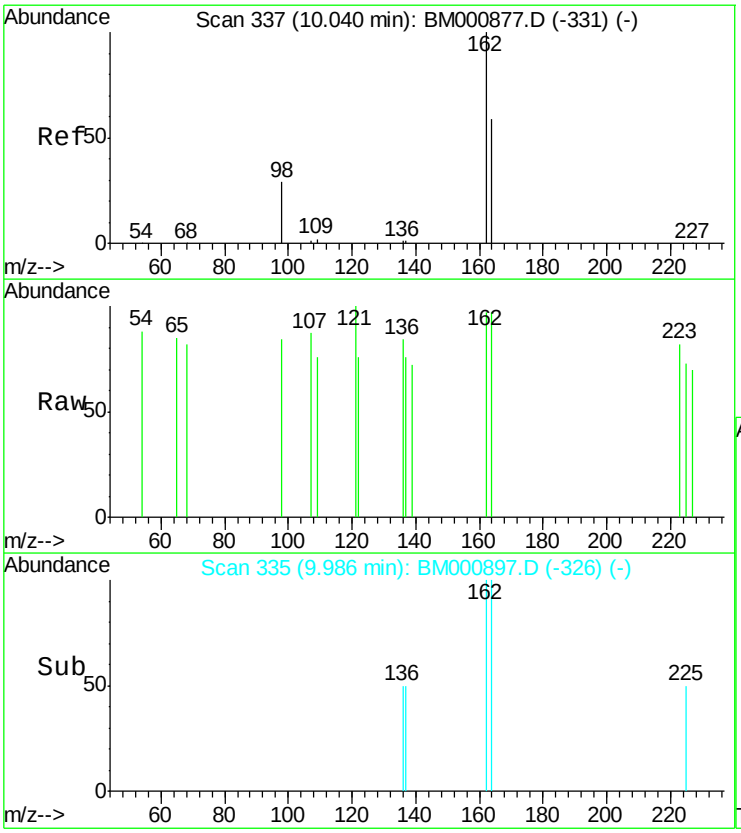
#15
2,4-Dimethylphenol
Concen: 0.01 ng
RT: 9.60 min Scan# 321
Delta R.T. 0.03 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:122 Resp: 52

Ion	Ratio	Lower	Upper
122	100		
107	107.1	67.4	101.2#
121	125.0	43.5	65.3#

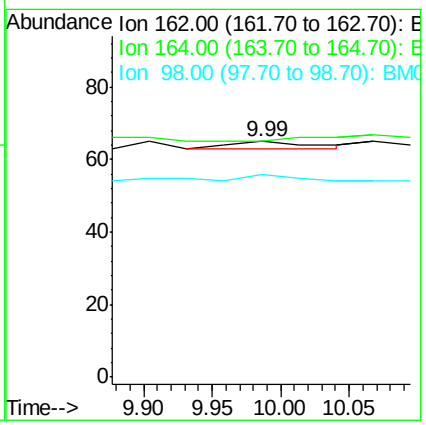


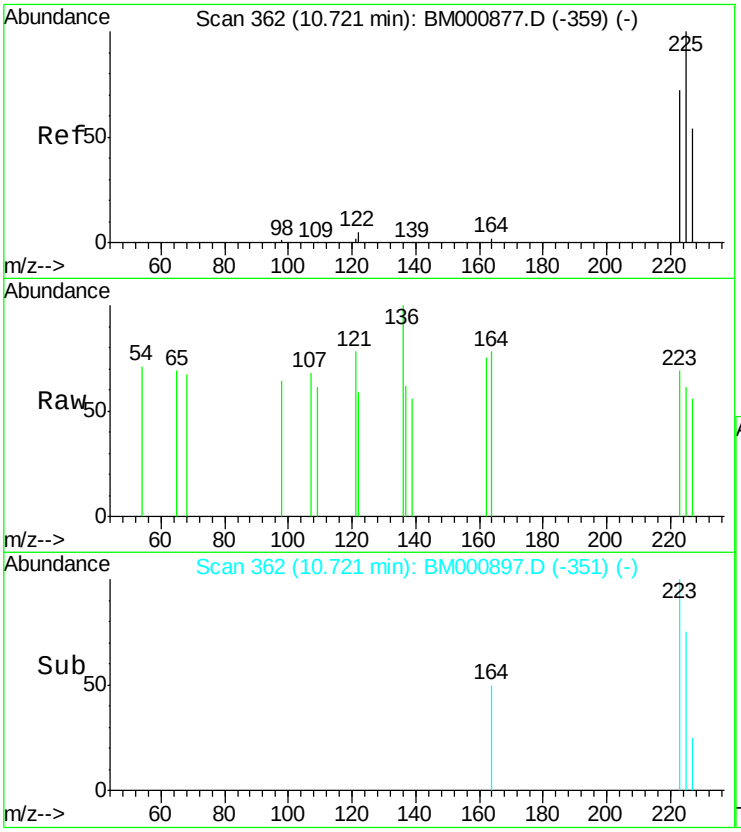


#16
2,4-Dichlorophenol
Concen: 0.23 ng
RT: 9.99 min Scan# 335
Delta R.T. -0.05 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:162 Resp: 8

Ion	Ratio	Lower	Upper
162	100		
164	100.0	39.9	79.9#
98	86.2	11.3	51.3#



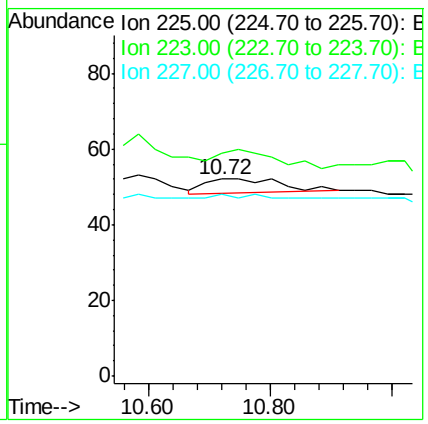


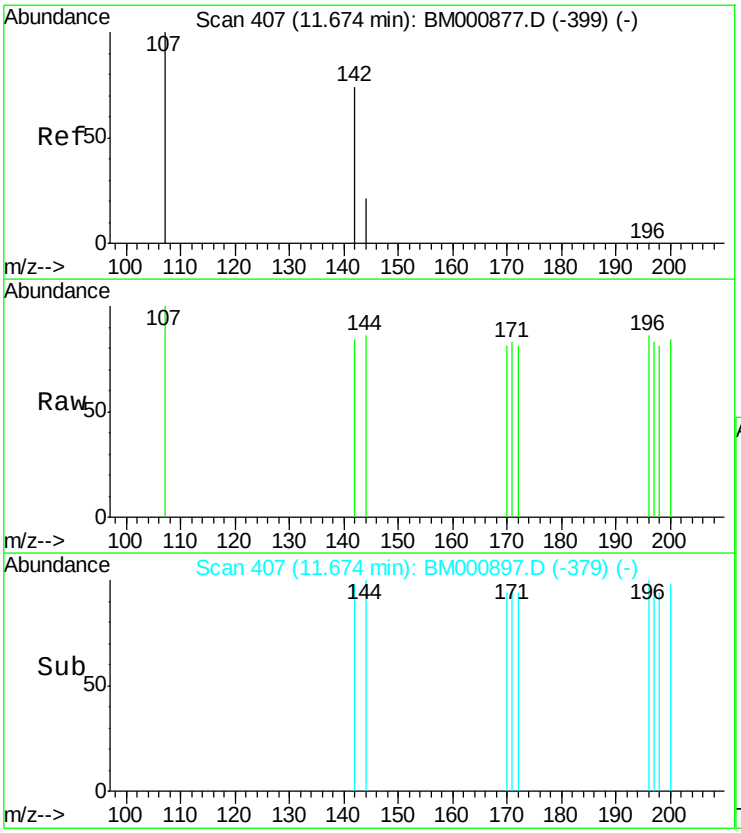
#17
Hexachlorobutadiene
Concen: 0.01 ng
RT: 10.72 min Scan# 362
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:225 Resp: 33

Ion	Ratio	Lower	Upper
225	100		
223	113.5	58.3	87.5#
227	92.3	44.5	66.7#

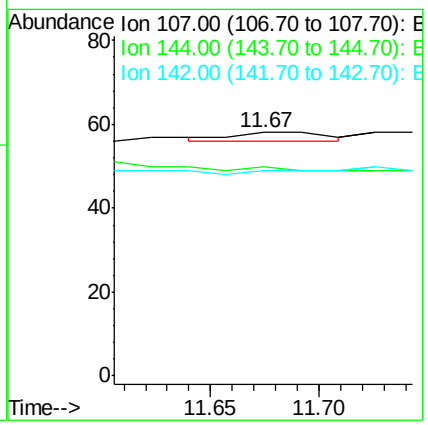


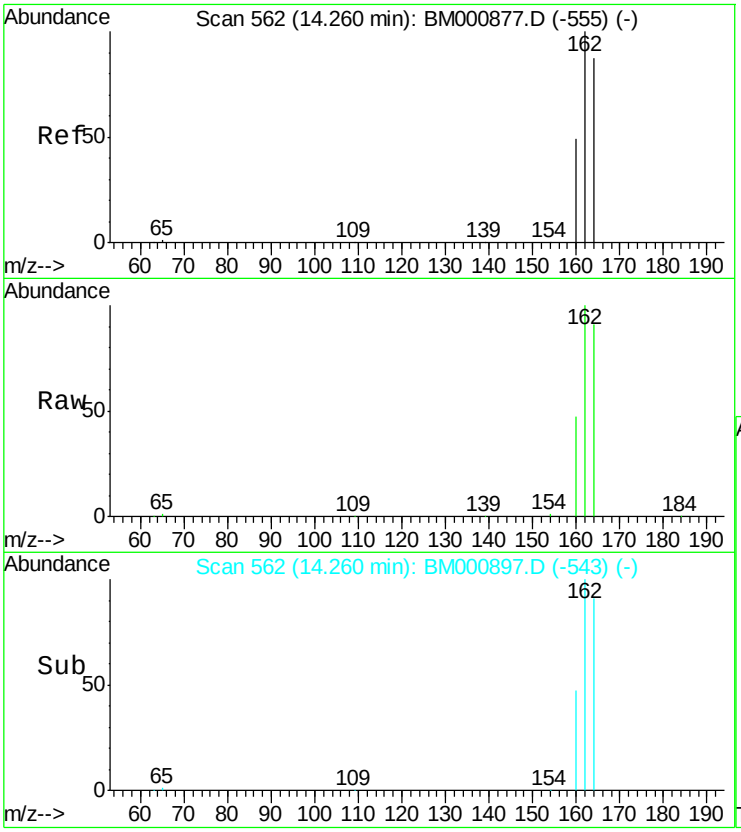


#18
4-Chloro-3-methylphenol
Concen: 0.22 ng
RT: 11.67 min Scan# 407
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:107 Resp: 6

Ion	Ratio	Lower	Upper
107	100		
144	86.2	18.4	27.6#
142	84.5	59.9	89.9



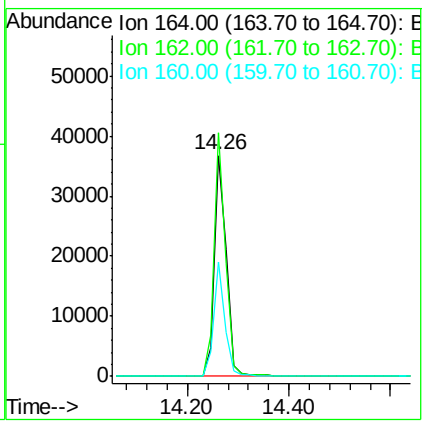


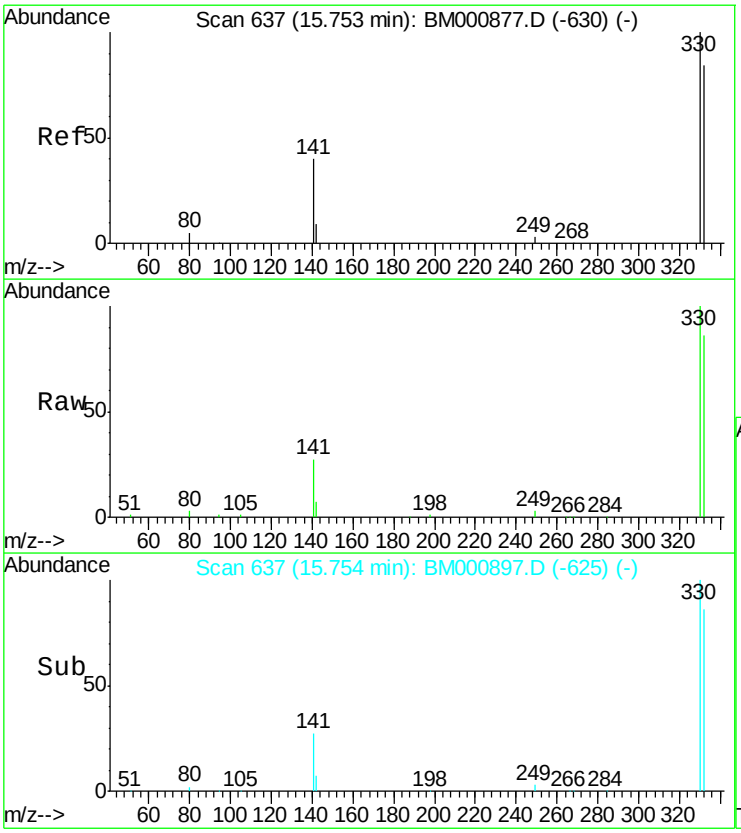
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:164 Resp: 60750

Ion	Ratio	Lower	Upper
164	100		
162	110.3	91.8	137.6
160	52.0	44.6	67.0

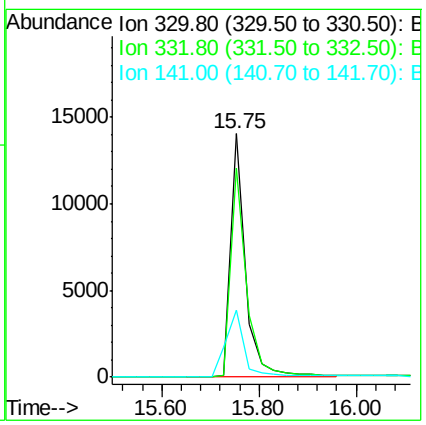


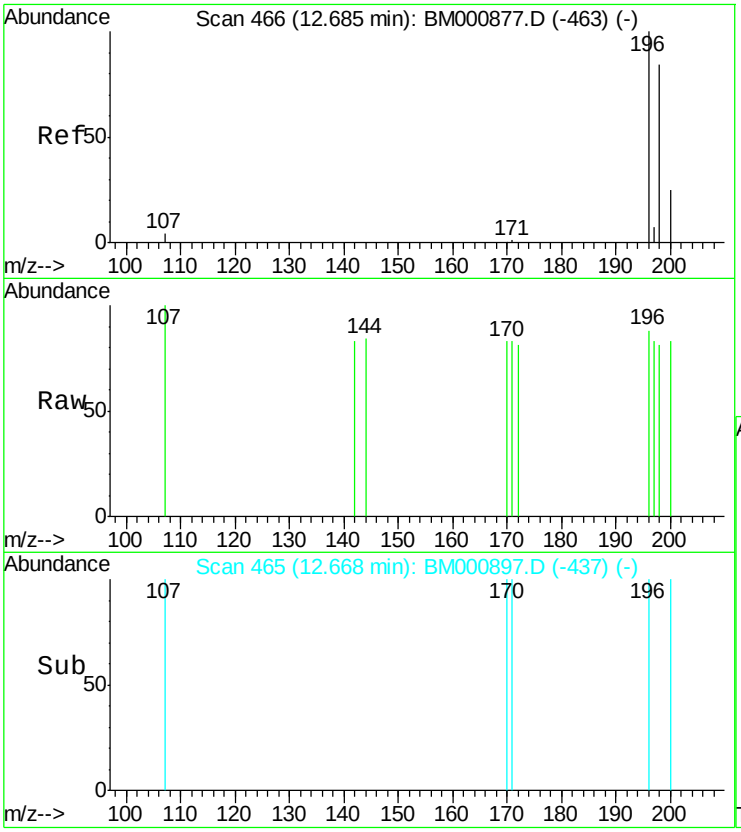


#20
2,4,6-Tribromophenol
Concen: 11.20 ng
RT: 15.75 min Scan# 637
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:330 Resp: 28626

Ion	Ratio	Lower	Upper
330	100		
332	91.9	72.6	109.0
141	34.0	29.8	44.6



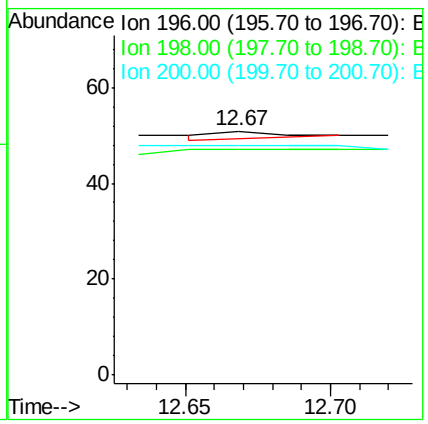


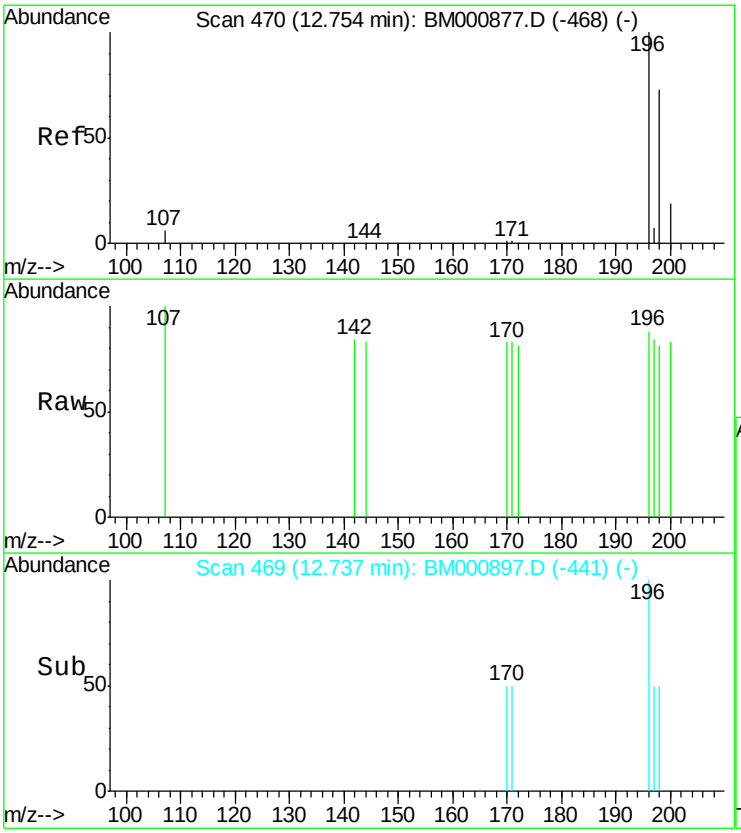
#21
2,4,6-Trichlorophenol
Concen: 0.24 ng
RT: 12.67 min Scan# 465
Delta R.T. -0.02 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:196 Resp: 3

Ion	Ratio	Lower	Upper
196	100		
198	92.2	67.5	101.3
200	94.1	22.1	33.1#

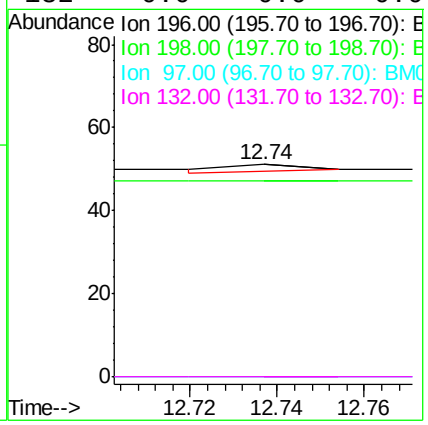


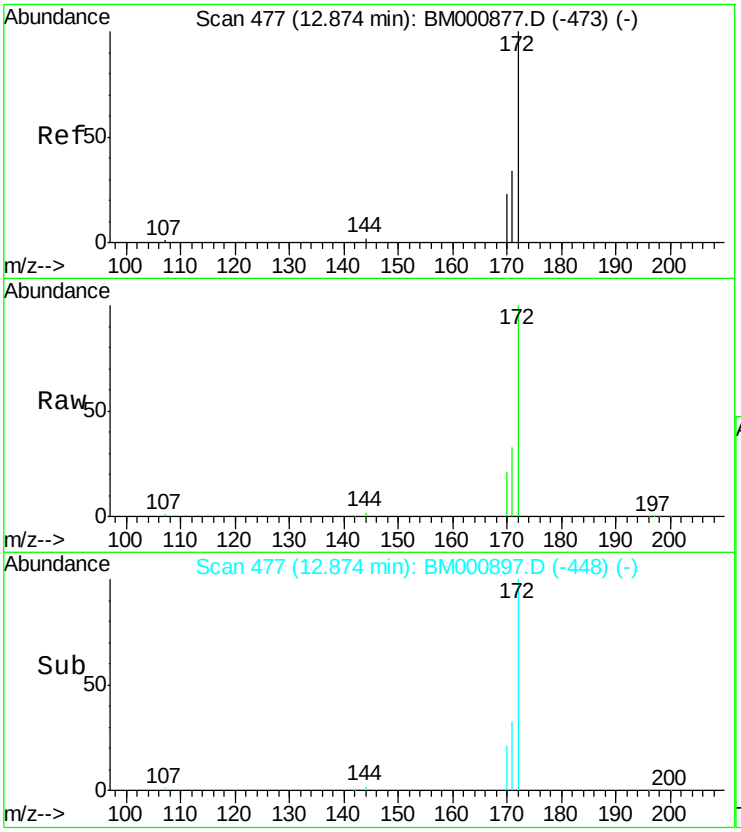


#22
2,4,5-Trichlorophenol
Concen: 0.20 ng
RT: 12.74 min Scan# 469
Delta R.T. -0.02 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:196 Resp: 2

Ion	Ratio	Lower	Upper
196	100		
198	92.2	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0



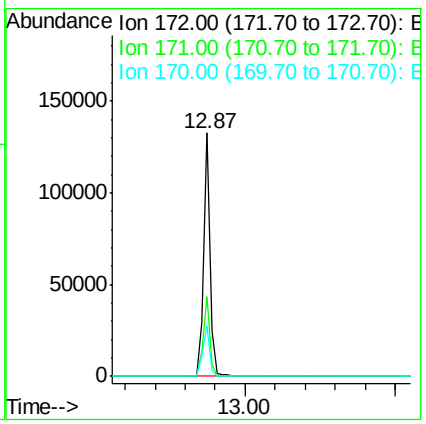


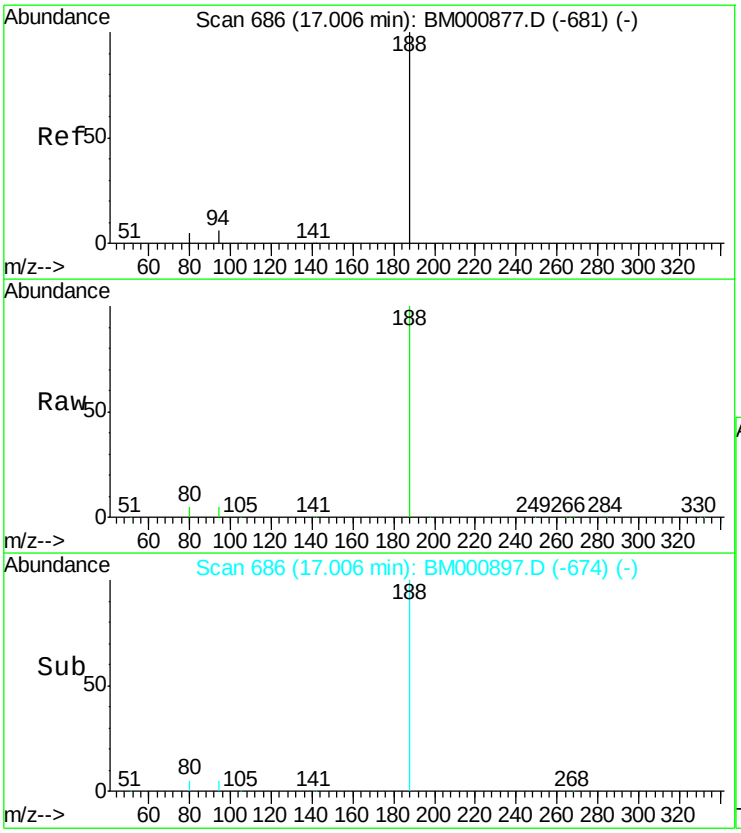
#23
2-Fluorobiphenyl
Concen: 10.59 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:172 Resp: 198265

Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.8	41.8
170	20.8	19.0	28.6

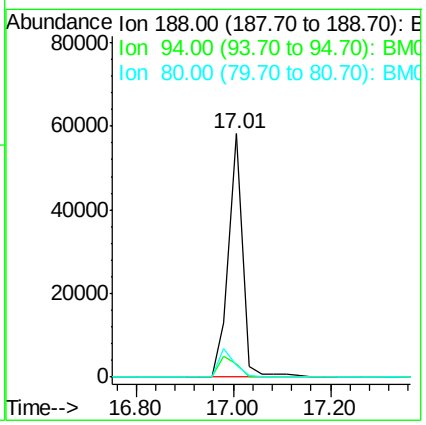


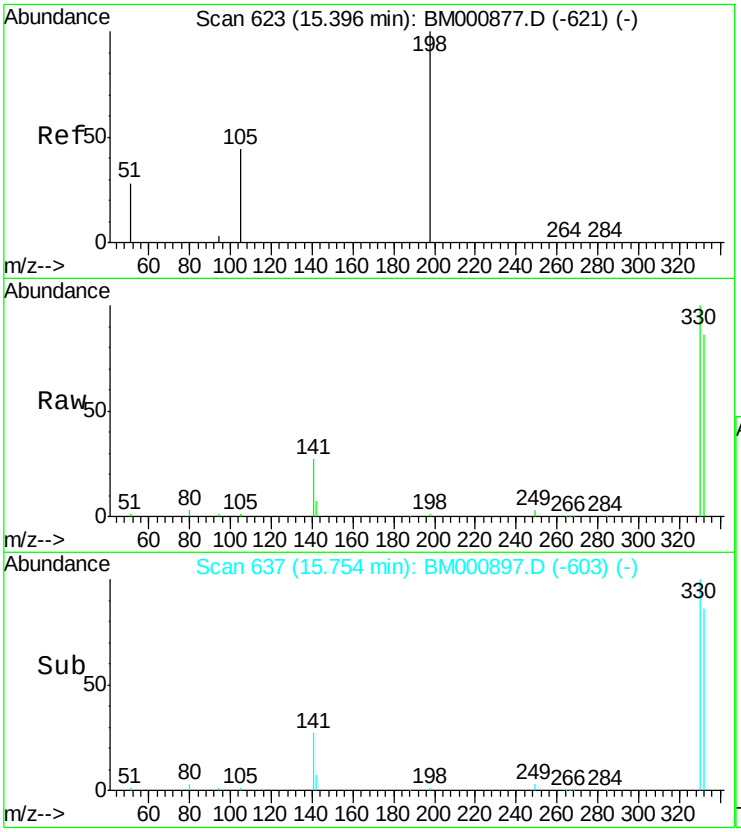


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:188 Resp: 116555

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.9	7.3
80	4.8	4.4	6.6



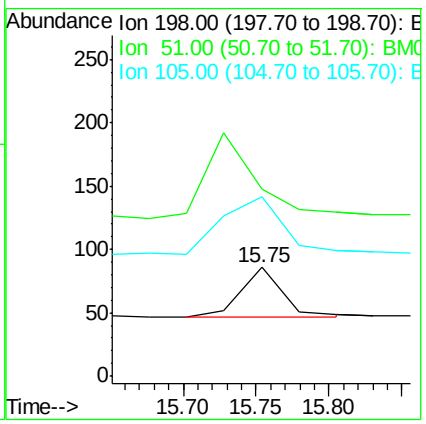


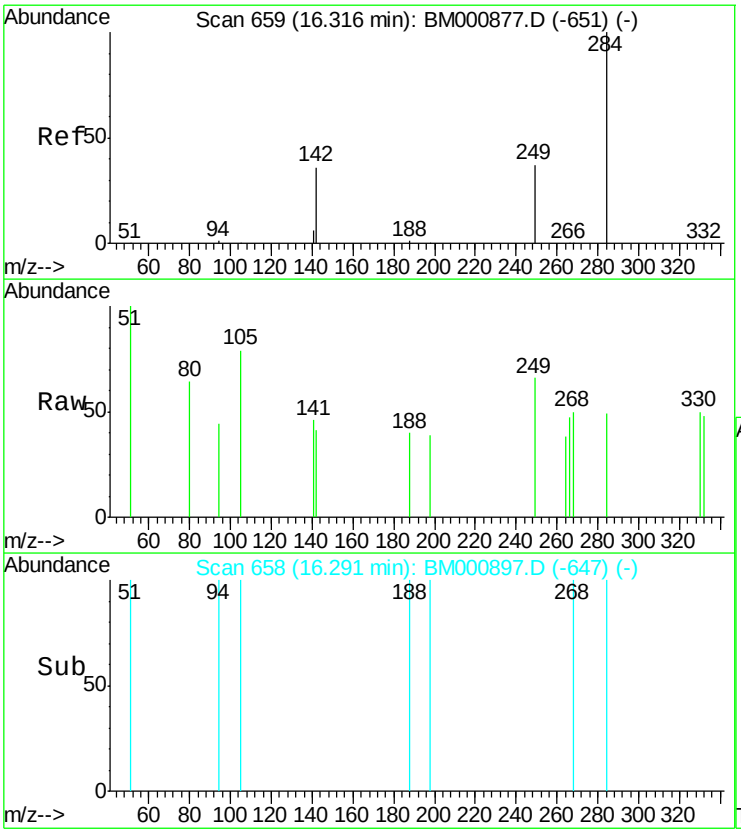
#27
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 15.75 min Scan# 637
Delta R.T. 0.36 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:198 Resp: 77

Ion	Ratio	Lower	Upper
198	100		
51	172.1	44.6	84.6#
105	165.1	36.0	76.0#

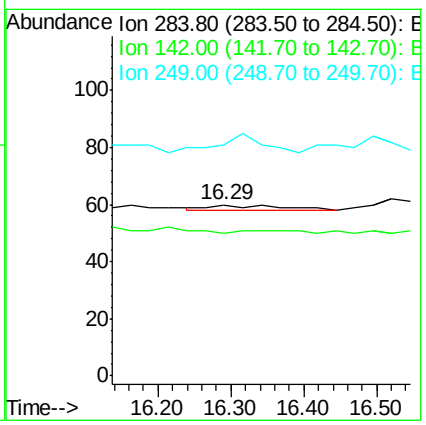


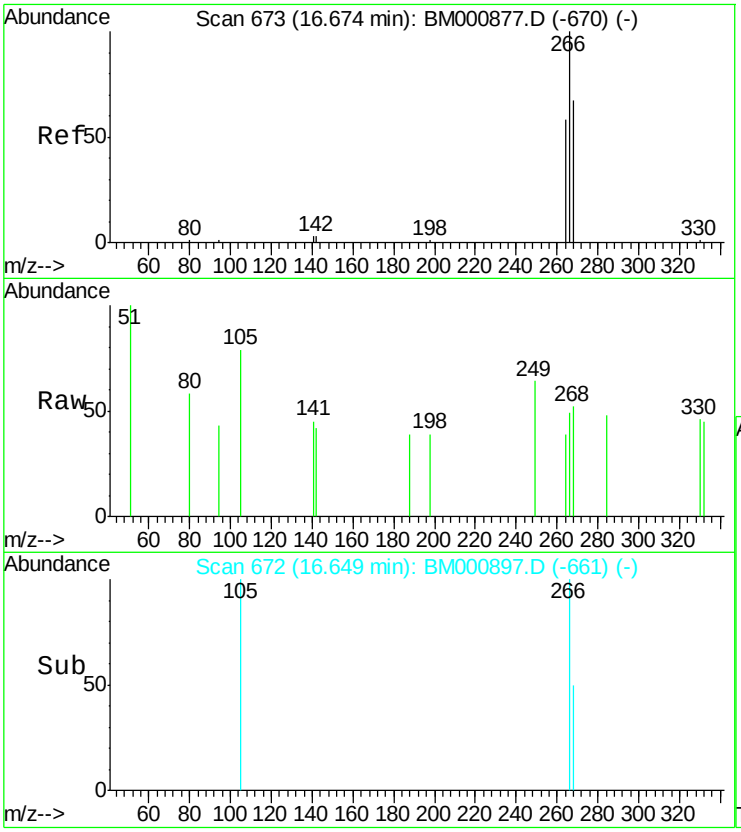


#28
Hexachlorobenzene
Concen: Below Cal
RT: 16.29 min Scan# 658
Delta R.T. -0.03 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:284 Resp: 14

Ion	Ratio	Lower	Upper
284	100		
142	83.3	29.8	44.8#
249	135.0	31.0	46.4#



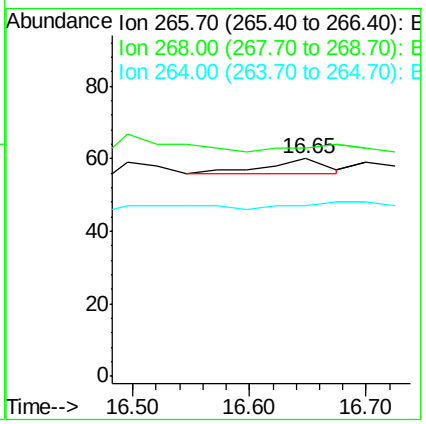


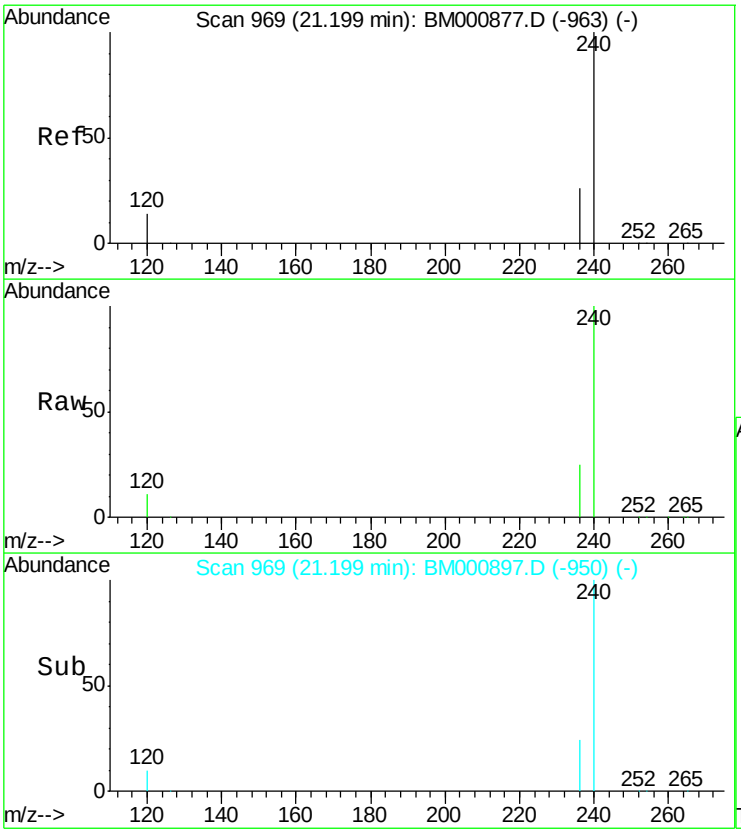
#29
Pentachlorophenol
Concen: 0.52 ng
RT: 16.65 min Scan# 672
Delta R.T. -0.03 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument : BNA_M
ClientSampleId : PB82337BL

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
268	105.0	61.8	92.8#
264	78.3	53.8	80.6

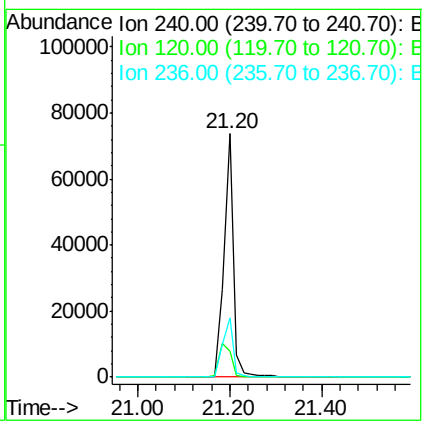


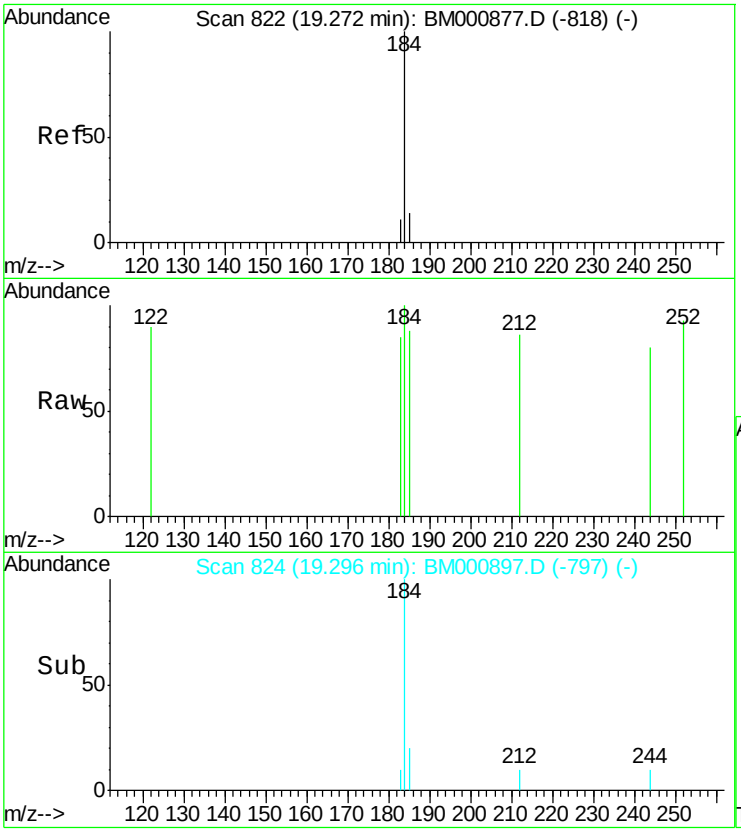


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:240 Resp: 103797

Ion	Ratio	Lower	Upper
240	100		
120	10.6	11.1	16.7#
236	24.5	20.9	31.3



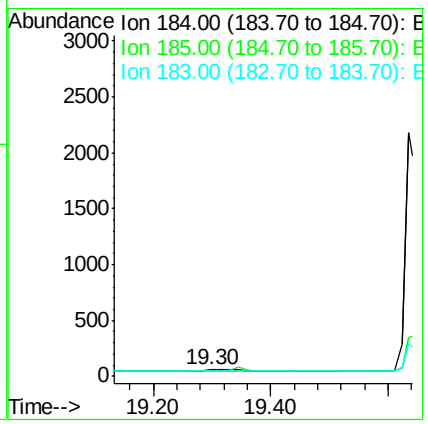


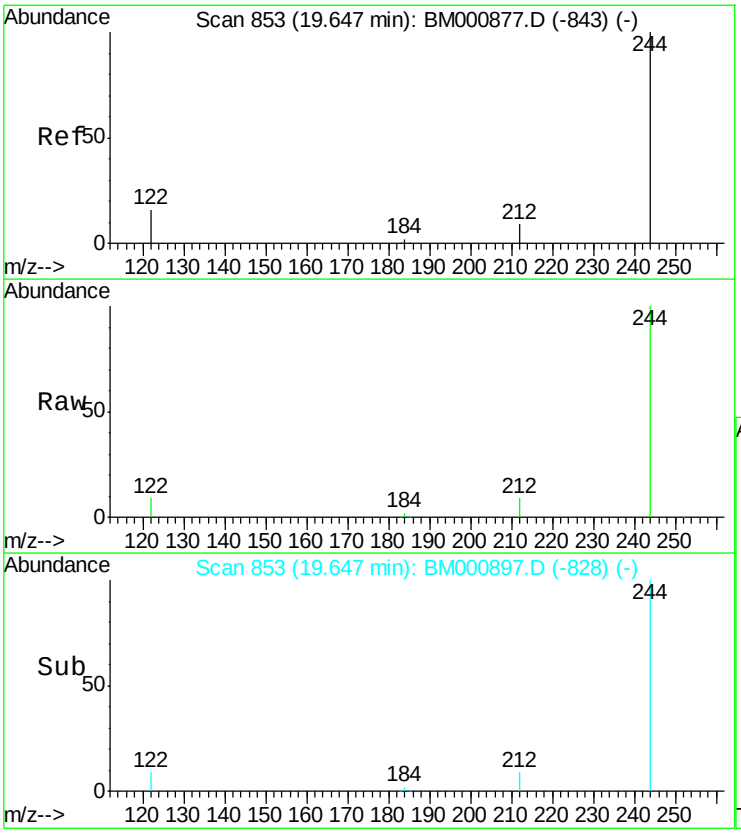
#31
Benzidine
Concen: Below Cal
RT: 19.30 min Scan# 824
Delta R.T. 0.03 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:184 Resp: 74

Ion	Ratio	Lower	Upper
184	100		
185	88.1	14.4	21.6#
183	84.7	12.6	19.0#

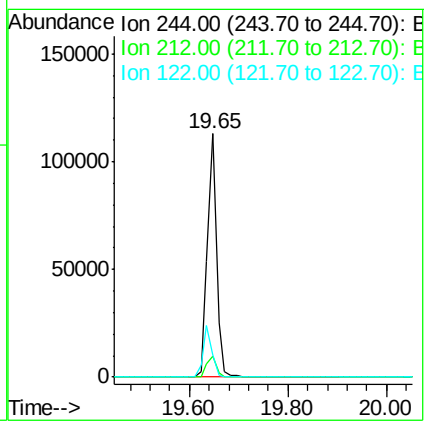


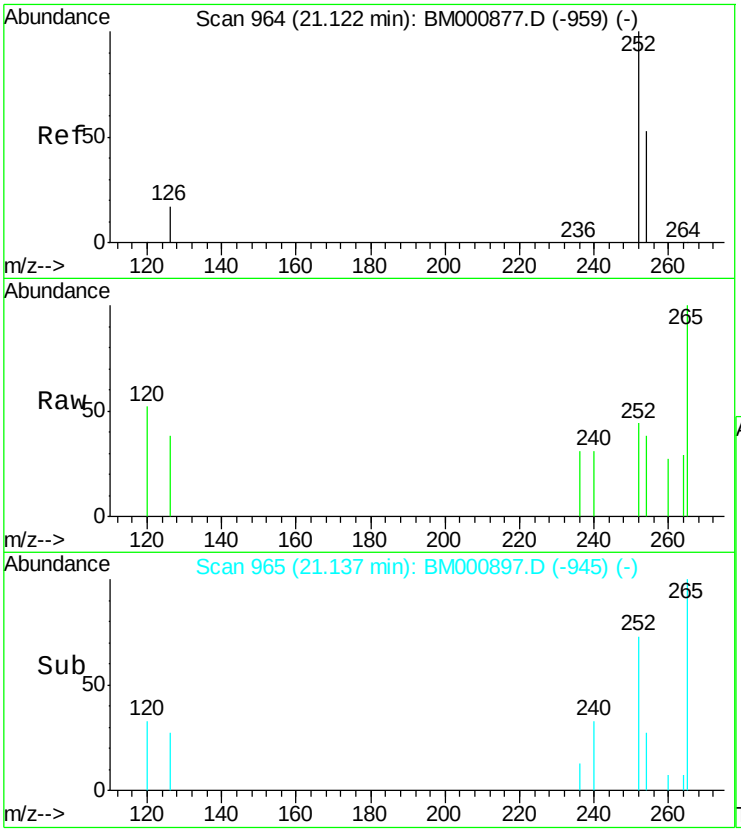


#32
Terphenyl-d14
Concen: 11.39 ng
RT: 19.65 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:244 Resp: 145893

Ion	Ratio	Lower	Upper
244	100		
212	8.6	8.1	12.1
122	9.1	13.6	20.4#



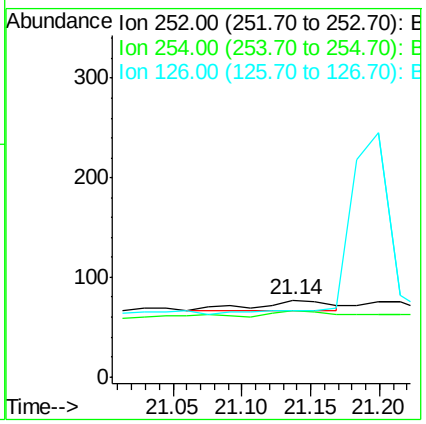


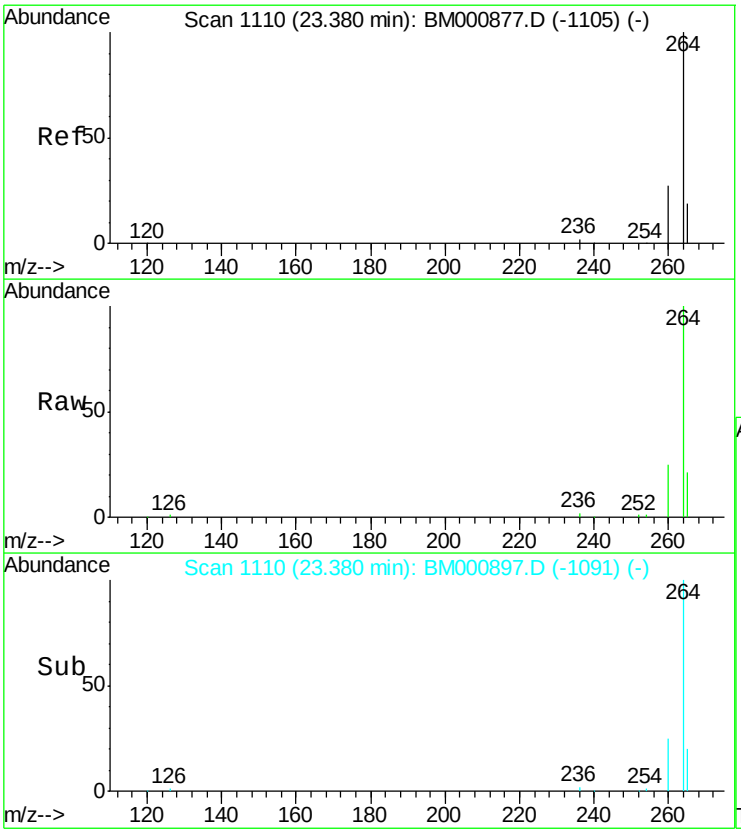
#33
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.14 min Scan# 965
Delta R.T. 0.02 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Instrument :
BNA_M
ClientSampleId :
PB82337BL

Tgt Ion:252 Resp: 35

Ion	Ratio	Lower	Upper
252	100		
254	85.7	43.2	64.8#
126	85.7	15.5	23.3#





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.38 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BM000897.D
Acq: 08 Apr 2015 02:33

Tgt Ion:264 Resp: 95833

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.6	32.4
265	20.8	16.1	24.1