Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000893.D
Acq On : 08 Apr 2015 00:10
Operator : TP/IZ
Sample : PB82421BSD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB82421BSD

Quant Time: Apr 08 01:16:13 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	22921	5.00	ng		-0.04
11) Naphthalene-d8	10.39	136	119234	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	67519	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	163192	5.00	ng		0.00
30) Chrysene-d12	21.19	240	125321	5.00	ng		0.00
34) Perylene-d12	23.39	264	112151	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	83318	10.83	ng		-0.02
5) Phenol-d6	6.77	99	155311	9.87	ng		0.00
12) Nitrobenzene-d5	8.73	82	51820	8.71	ng		-0.04
20) 2,4,6-Tribromophenol	15.77	330	29692	10.47	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	179451	8.62	ng		0.00
32) Terphenyl-d14	19.65	244	147738	9.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	20980	6.33	ng	#	81
3) n-Nitrosodimethylamine	3.41	42	27833	6.36	ng	#	17
6) 2-Chlorophenol	7.17	128	79549	6.68	ng		88
7) Phenol	6.81	94	58653	6.12	ng		83
8) bis(2-Chloroethyl)ether	7.02	93	88903	7.22	ng	#	54
9) 2-Methylphenol	8.06	107	41588	5.92	ng	#	87
10) 3+4-Methylphenols	8.38	107	70105	5.86	ng		87
13) Nitrobenzene	8.77	77	44857	7.49	ng	#	17
14) 2-Nitrophenol	9.50	139	23088	6.07	ng	#	1
15) 2,4-Dimethylphenol	9.58	122	43723	6.39	ng		87
16) 2,4-Dichlorophenol	10.04	162	59997	6.73	ng		84
17) Hexachlorobutadiene	10.72	225	37800	6.96	ng		98
18) 4-Chloro-3-methylphenol	11.67	107	57904	6.96	ng		94
21) 2,4,6-Trichlorophenol	12.69	196	41781	7.62	ng		87
22) 2,4,5-Trichlorophenol	12.75	196	47778	7.37	ng	#	78
25) 4-Nitrophenol	14.48	139	51369	10.05	ng		92
27) 4,6-Dinitro-2-methylphenol	15.39	198	22855	6.77	ng		85
28) Hexachlorobenzene	16.31	284	51977	7.40	ng	#	19
29) Pentachlorophenol	16.67	266	59071	12.98	ng		88
31) Benzidine	19.26	184	252606	11.19	ng	#	89
33) 3,3'-Dichlorobenzidine	21.13	252	107037	5.68	ng	#	71

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

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Misc :
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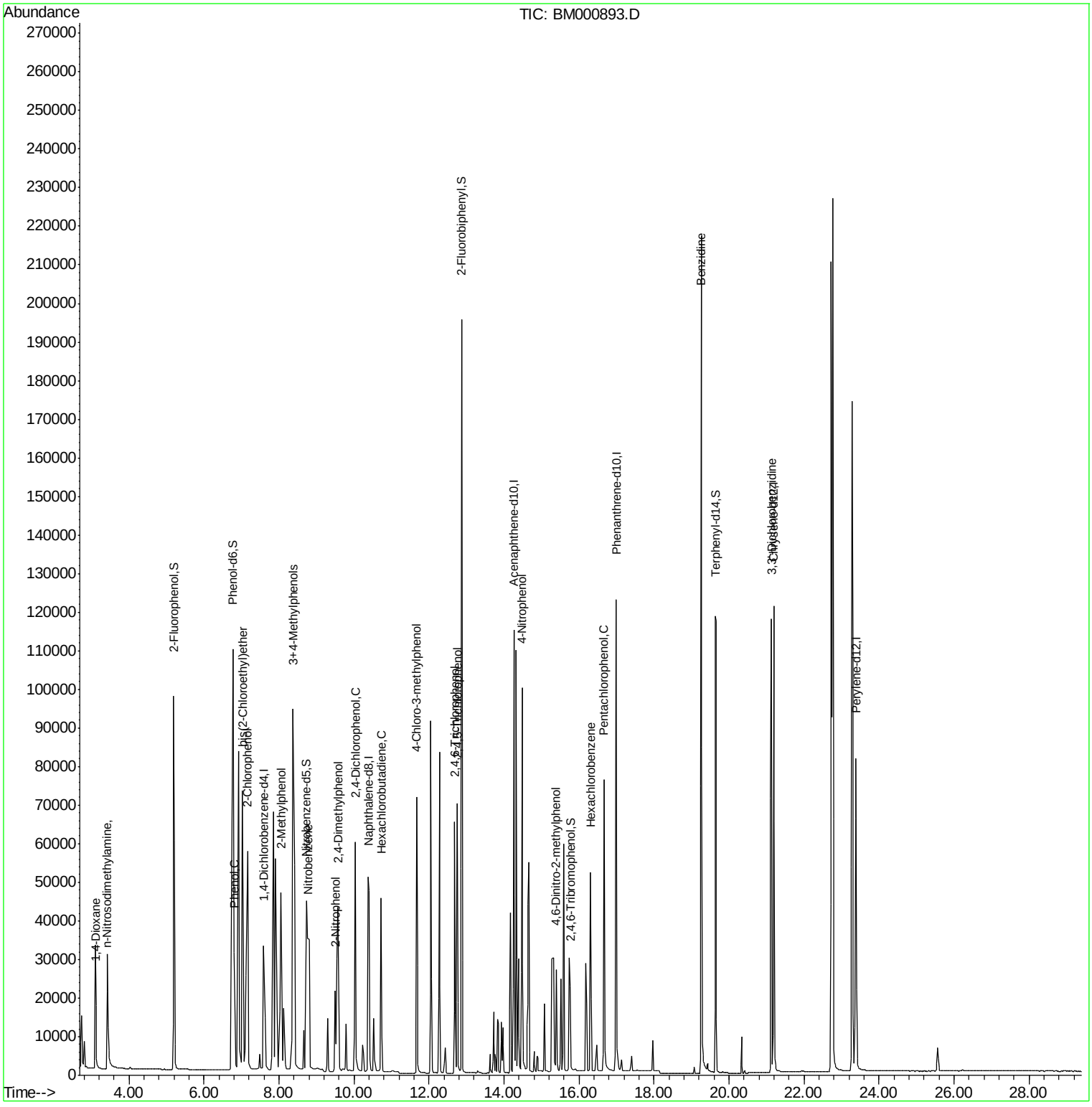
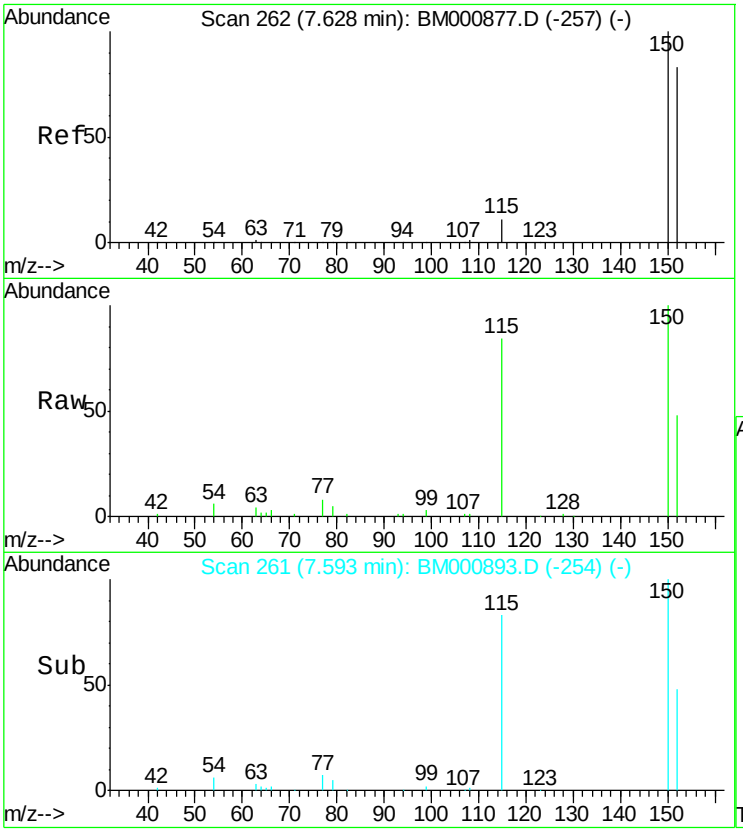


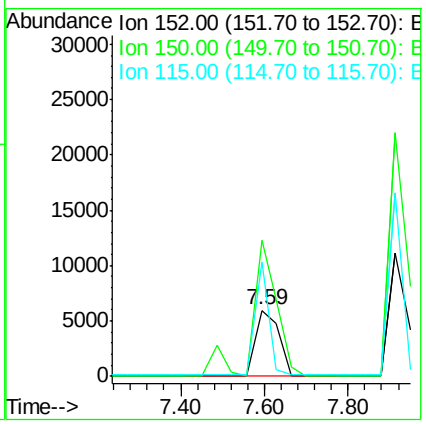


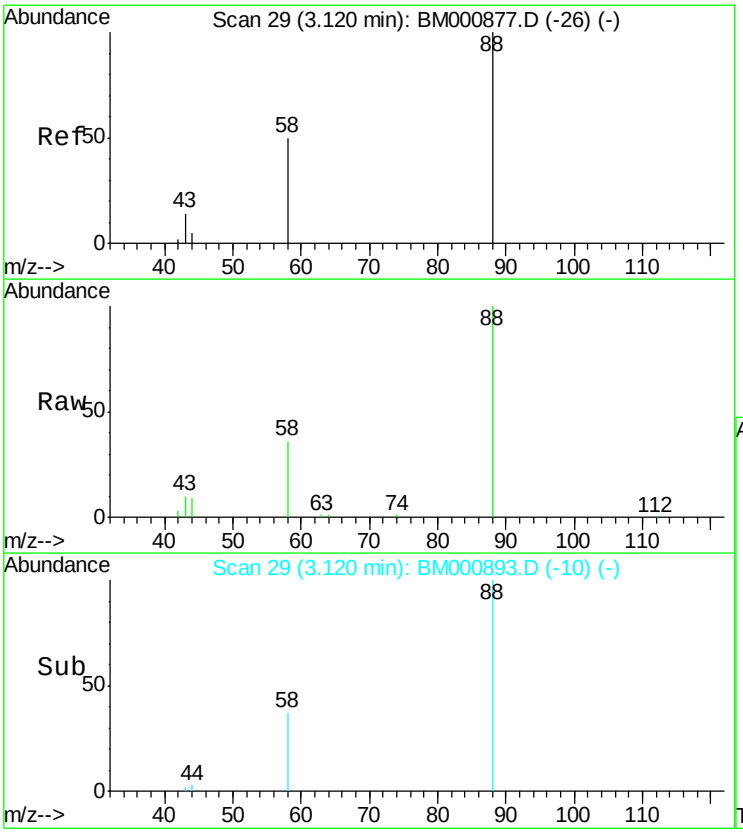
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 261
Delta R.T. -0.04 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:152 Resp: 22921

Ion	Ratio	Lower	Upper
152	100		
150	207.5	96.5	144.7#
115	174.5	11.9	17.9#

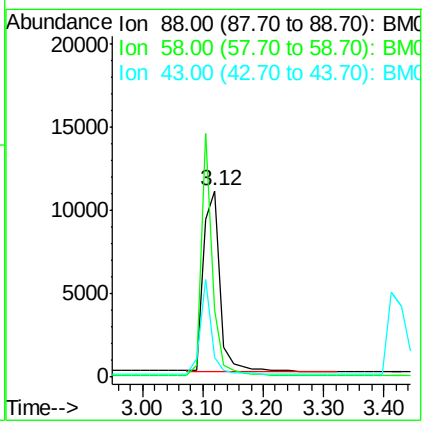


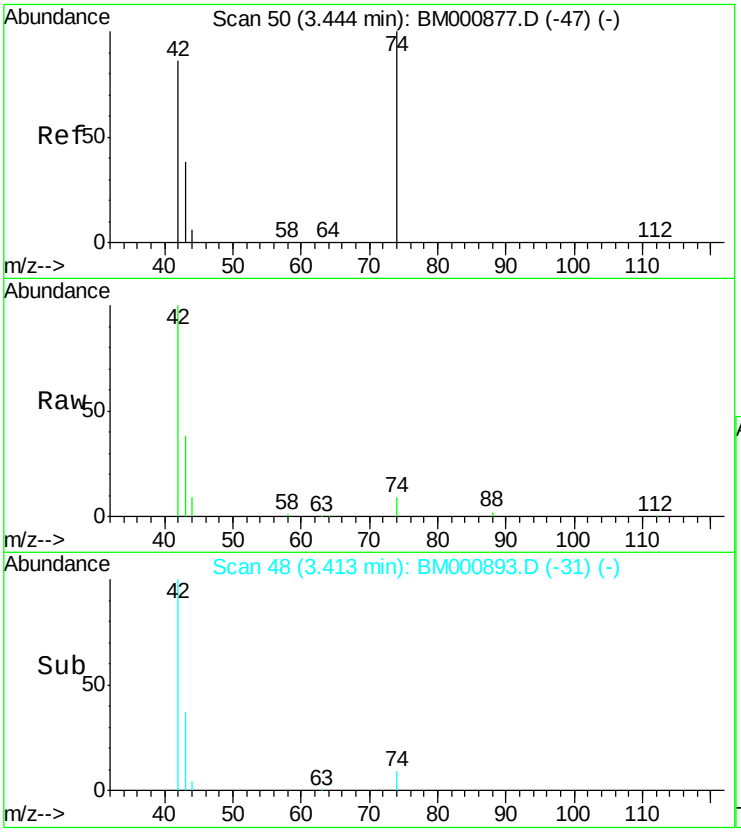


#2
1,4-Dioxane
Concen: 6.33 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion: 88 Resp: 20980

Ion	Ratio	Lower	Upper
88	100		
58	90.4	56.7	85.1#
43	35.6	25.0	37.6



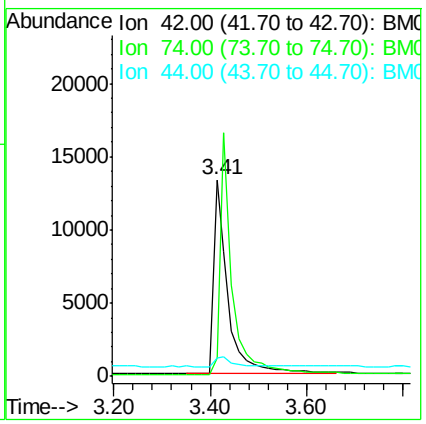


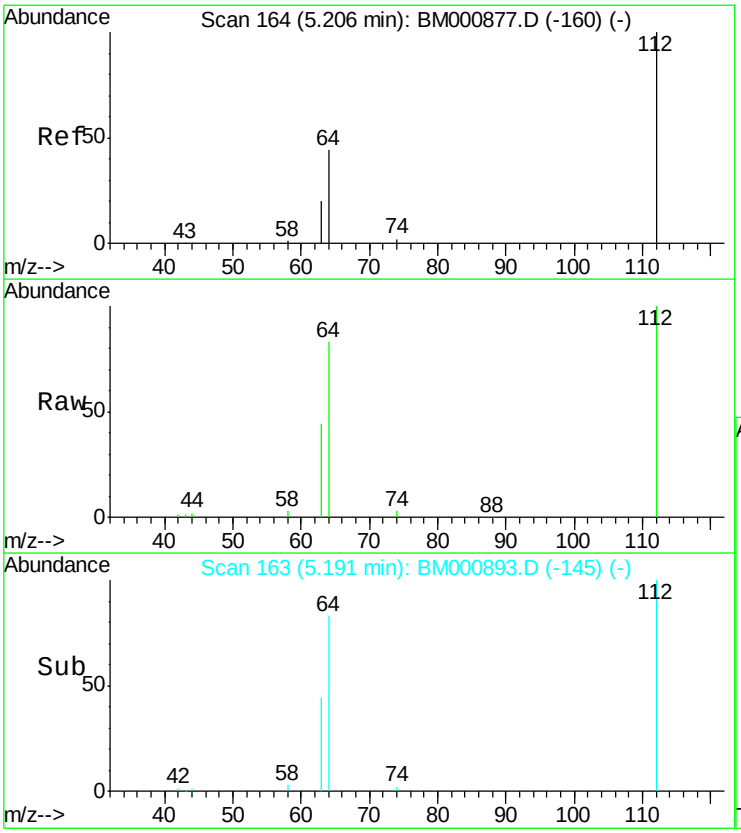
#3
n-Nitrosodimethylamine
Concen: 6.36 ng
RT: 3.41 min Scan# 48
Delta R.T. -0.03 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion: 42 Resp: 27833

Ion	Ratio	Lower	Upper
42	100		
74	9.3	81.0	121.4#
44	9.4	53.3	79.9#

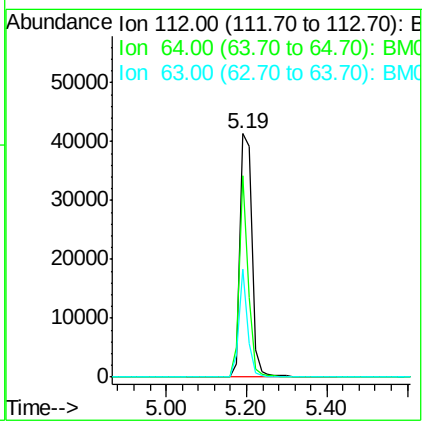


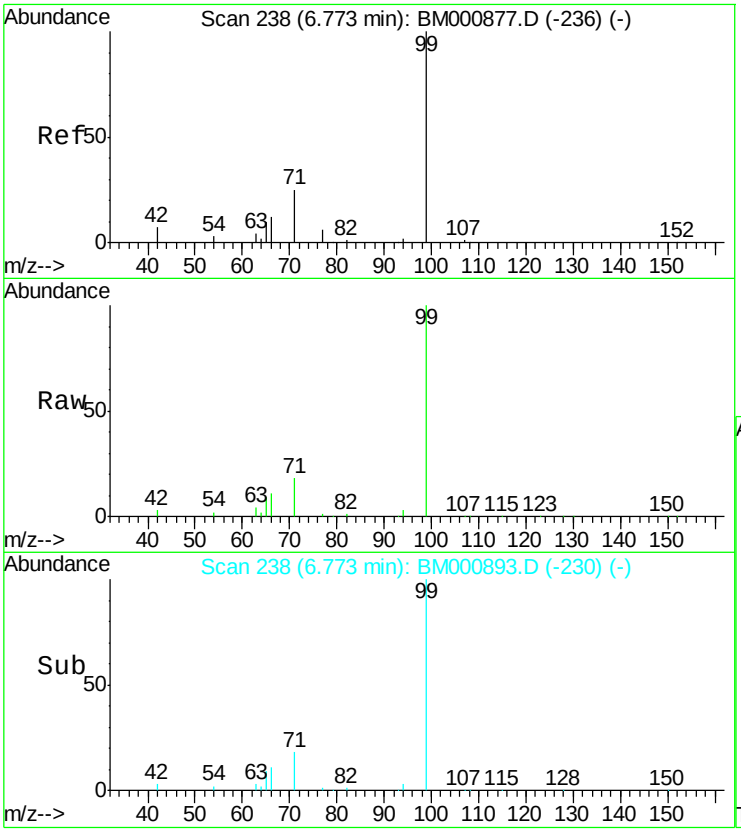


#4
2-Fluorophenol
Concen: 10.83 ng
RT: 5.19 min Scan# 163
Delta R.T. -0.02 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:112 Resp: 83318

Ion	Ratio	Lower	Upper
112	100		
64	82.7	35.7	53.5#
63	44.2	17.0	25.4#



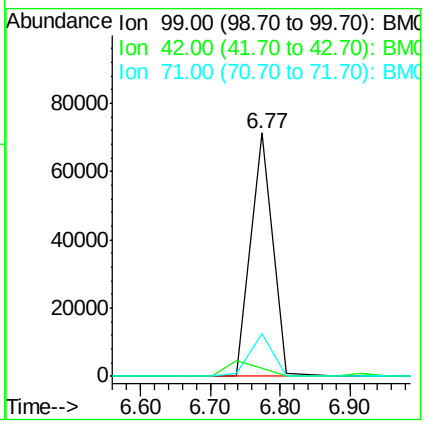


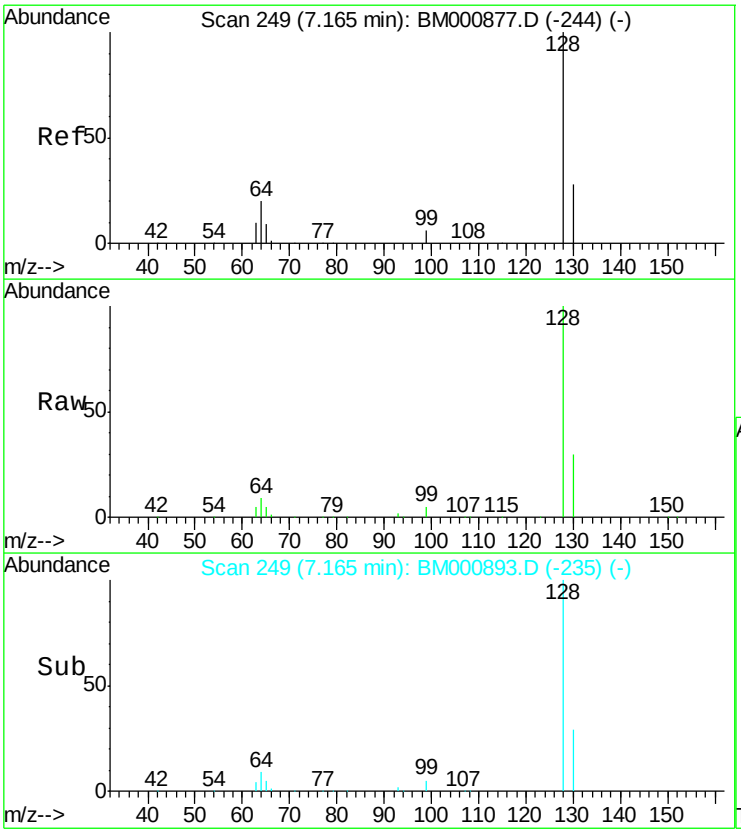
#5
Phenol-d6
Concen: 9.87 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion: 99 Resp: 155311

Ion	Ratio	Lower	Upper
99	100		
42	3.4	7.5	11.3#
71	17.7	21.3	31.9#

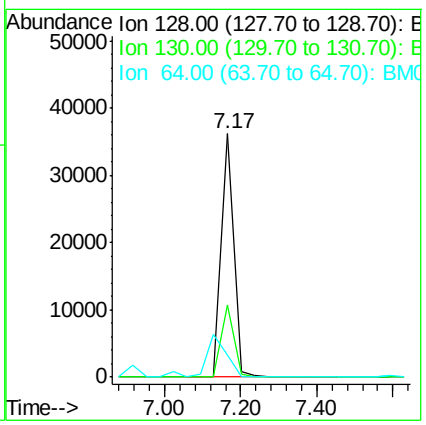


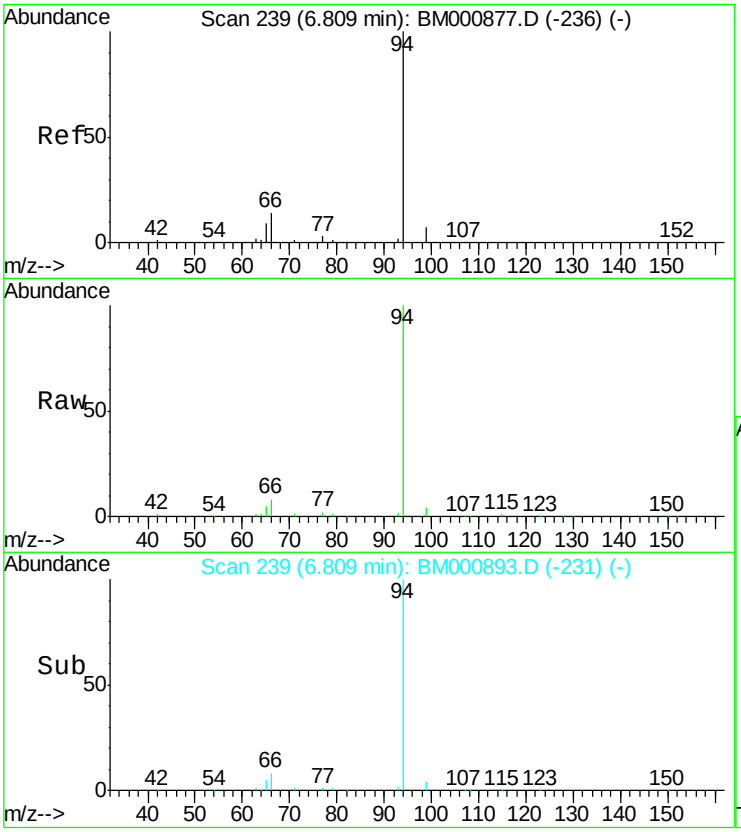


#6
2-Chlorophenol
Concen: 6.68 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:128 Resp: 79549

Ion	Ratio	Lower	Upper
128	100		
130	29.6	9.4	49.4
64	8.9	2.1	42.1



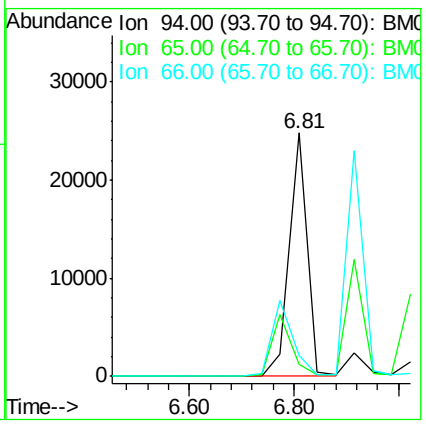


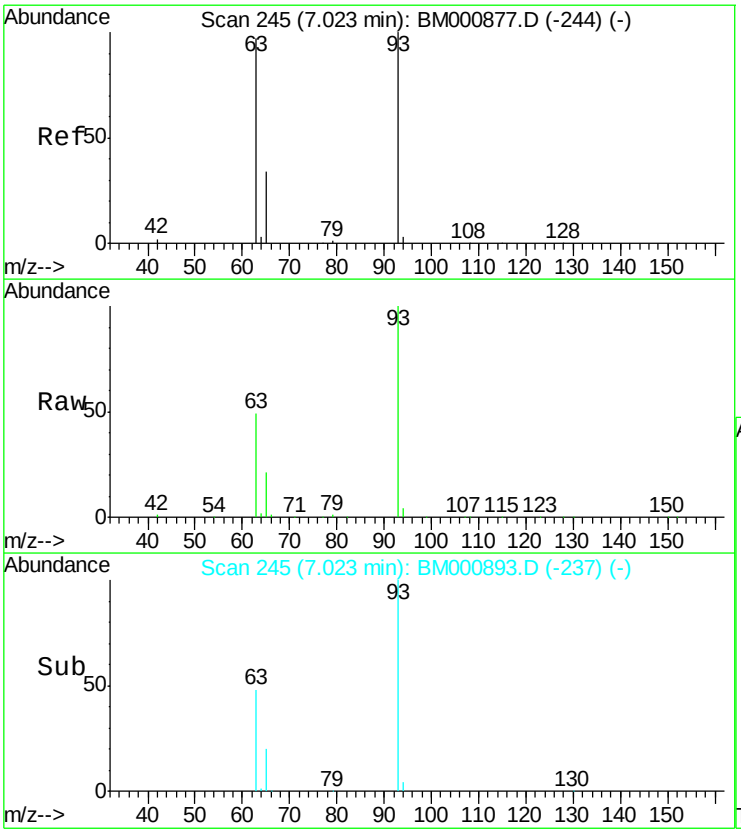
#7
Phenol
Concen: 6.12 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion: 94 Resp: 58653

Ion	Ratio	Lower	Upper
94	100		
65	5.0	0.0	30.9
66	8.5	0.0	35.8

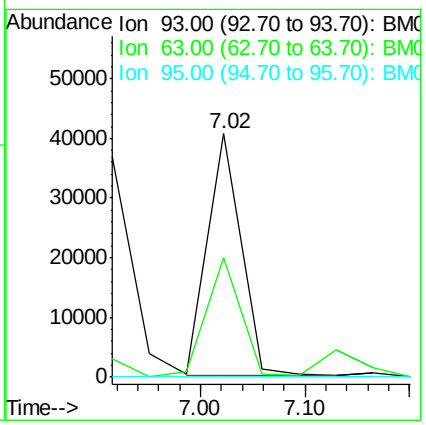


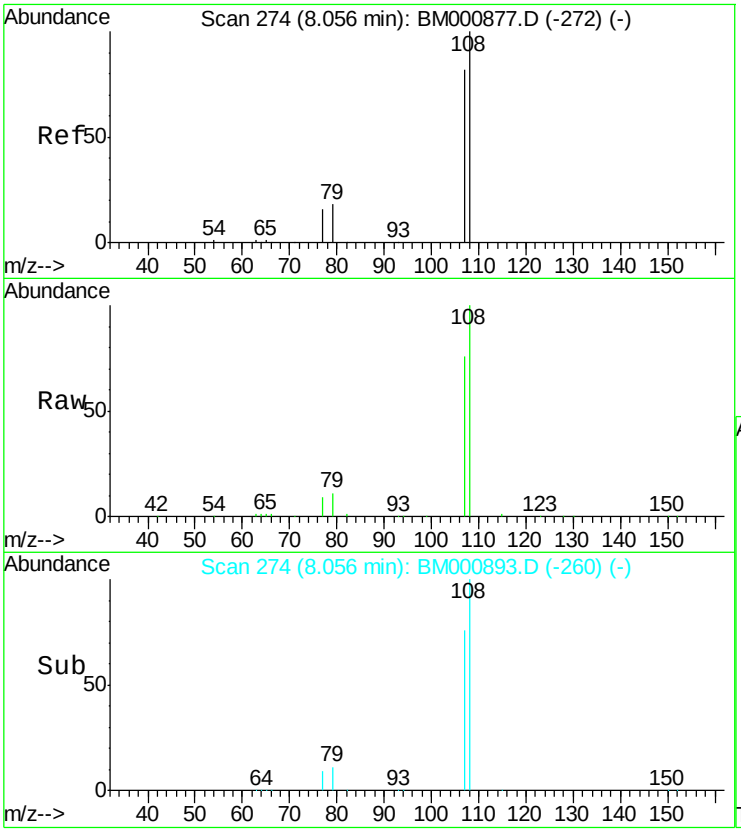


#8
bis(2-Chloroethyl)ether
Concen: 7.22 ng
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion: 93 Resp: 88903

Ion	Ratio	Lower	Upper
93	100		
63	48.9	73.3	113.3#
95	0.0	0.0	20.0



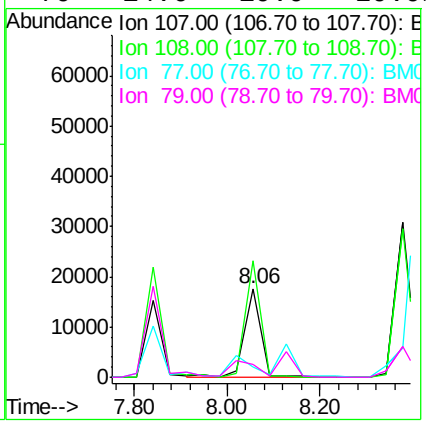


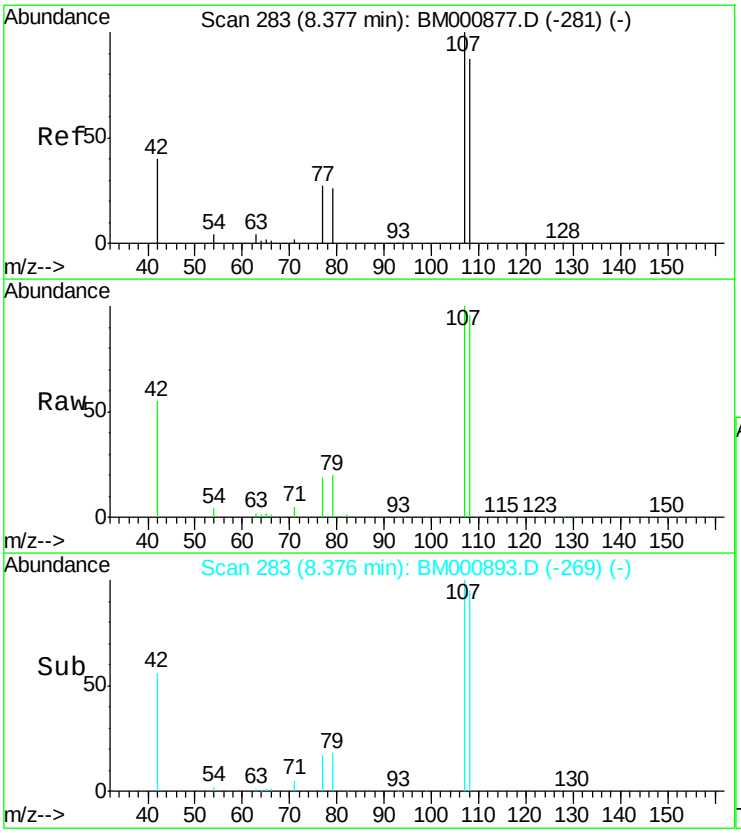
#9
2-Methylphenol
Concen: 5.92 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:107 Resp: 41588

Ion	Ratio	Lower	Upper
107	100		
108	131.7	96.7	145.1
77	11.8	18.3	27.5#
79	14.6	19.9	29.9#

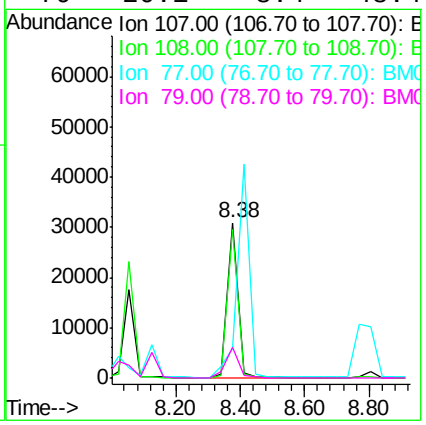


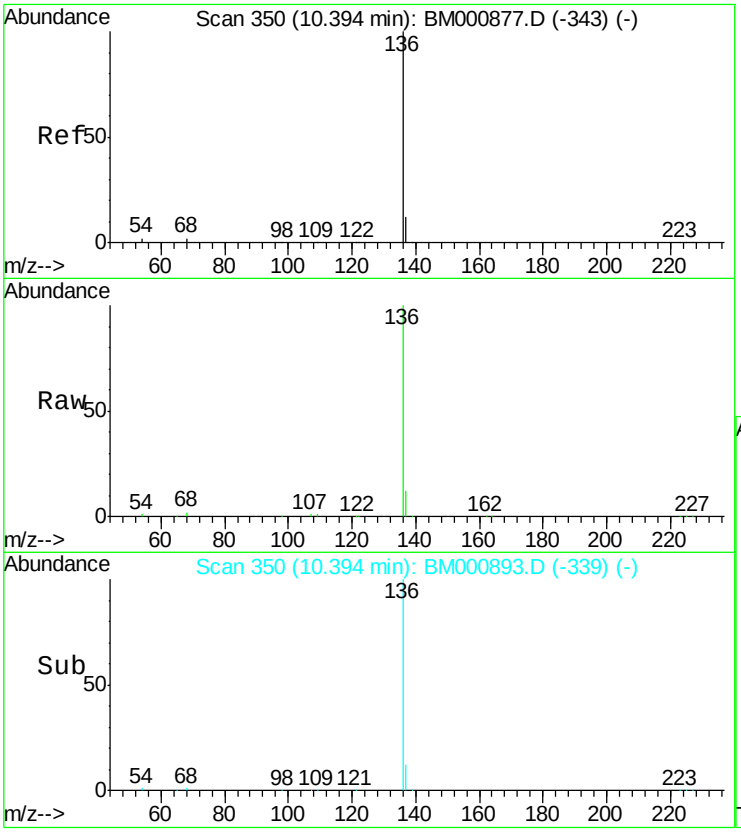


#10
3+4-Methylphenols
Concen: 5.86 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:107 Resp: 70105

Ion	Ratio	Lower	Upper
107	100		
108	95.9	67.6	107.6
77	18.7	10.0	50.0
79	20.1	8.4	48.4



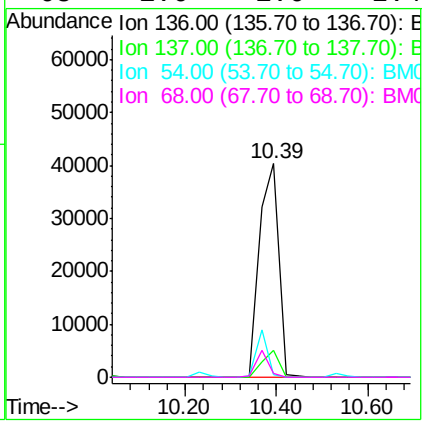


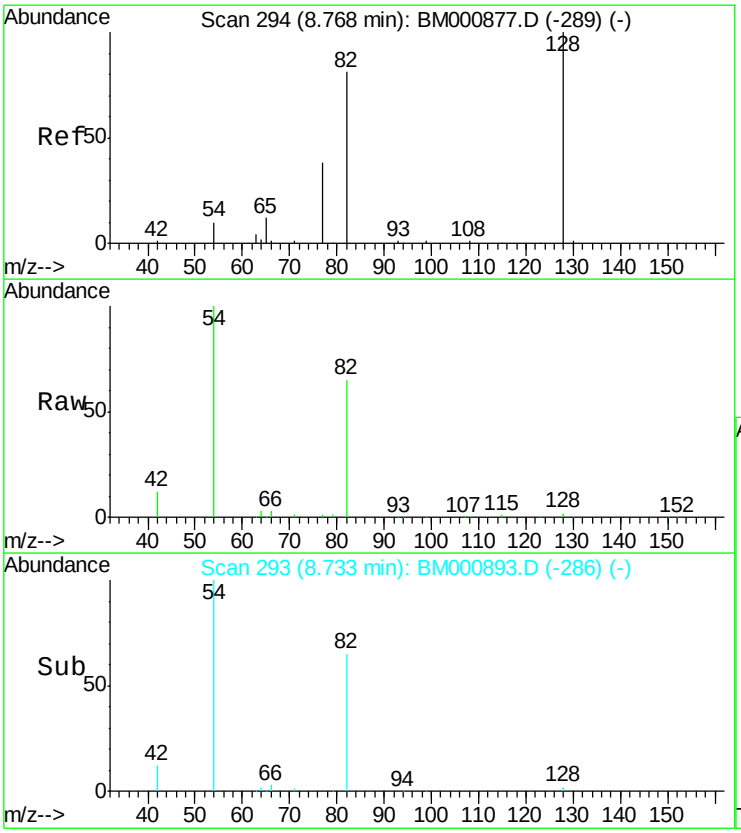
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:136 Resp: 119234

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	1.4	1.5	2.3#
68	1.6	1.6	2.4

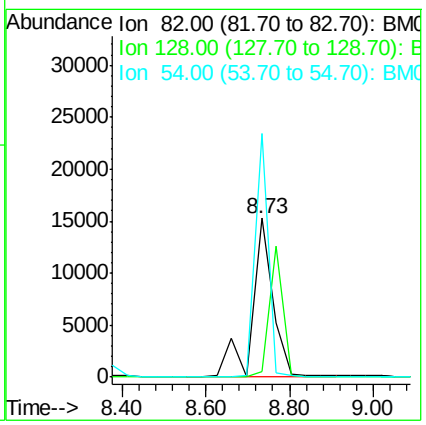


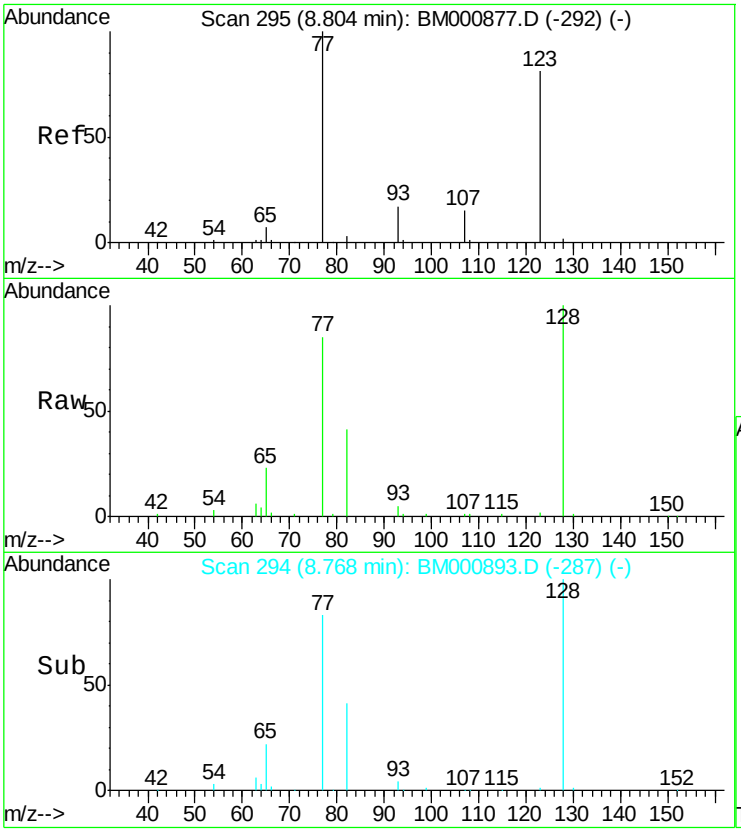


#12
Nitrobenzene-d5
Concen: 8.71 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.04 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion: 82 Resp: 51820

Ion	Ratio	Lower	Upper
82	100		
128	3.3	96.2	144.2#
54	153.3	15.0	22.6#



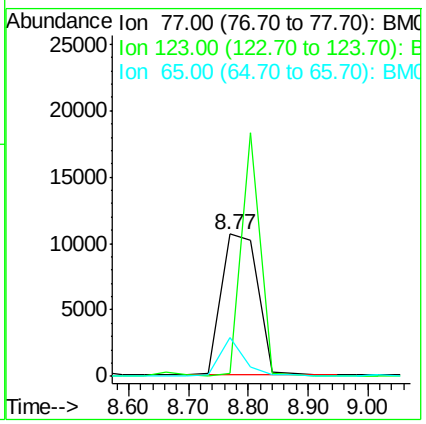


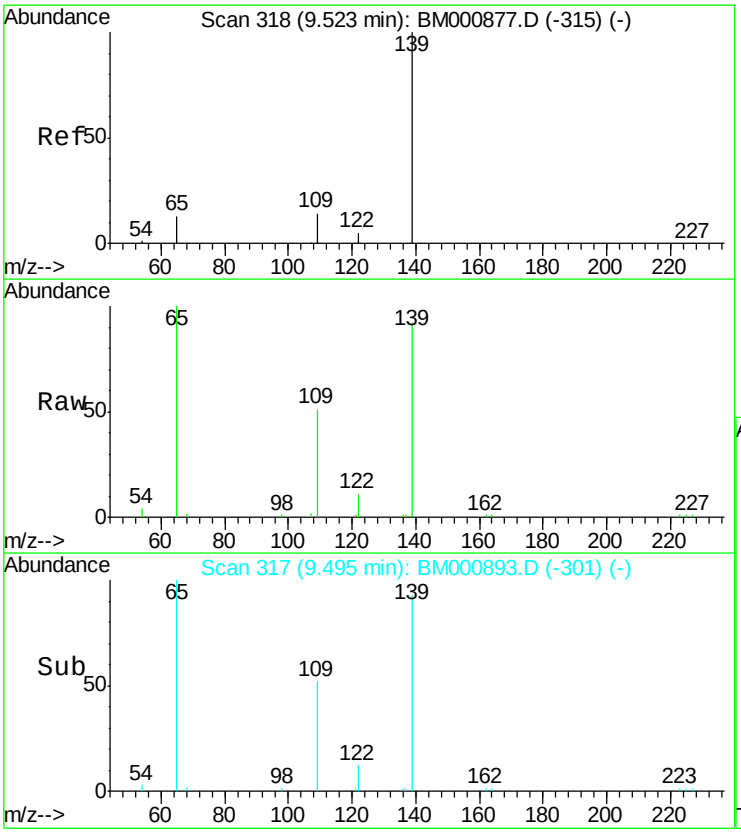
#13
Nitrobenzene
Concen: 7.49 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.04 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion: 77 Resp: 44857

Ion	Ratio	Lower	Upper
77	100		
123	1.9	64.0	96.0#
65	26.9	8.7	13.1#

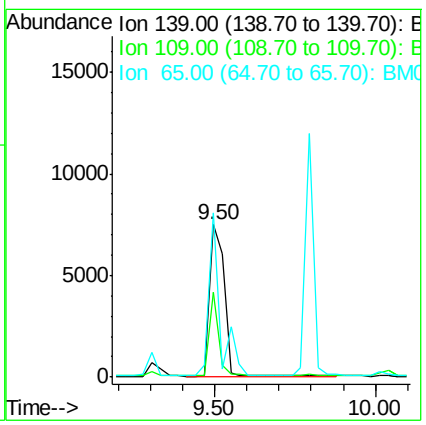


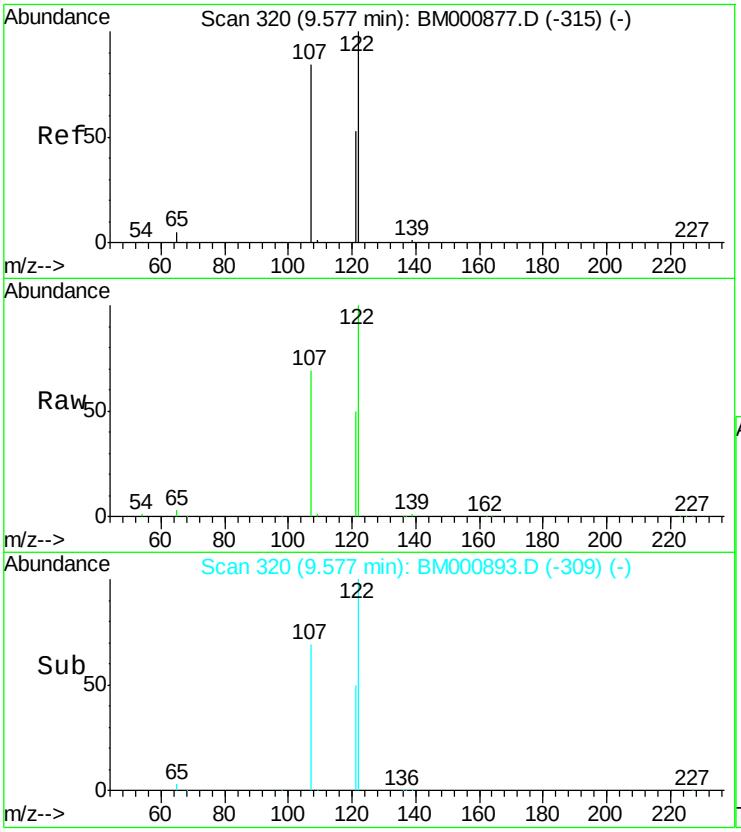


#14
2-Nitrophenol
Concen: 6.07 ng
RT: 9.50 min Scan# 317
Delta R.T. -0.03 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:139 Resp: 23088

Ion	Ratio	Lower	Upper
139	100		
109	55.5	15.8	23.8#
65	108.1	16.2	24.2#



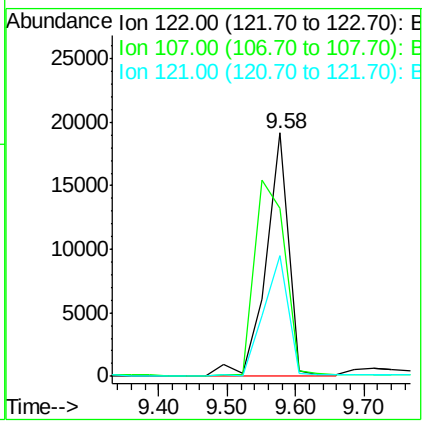


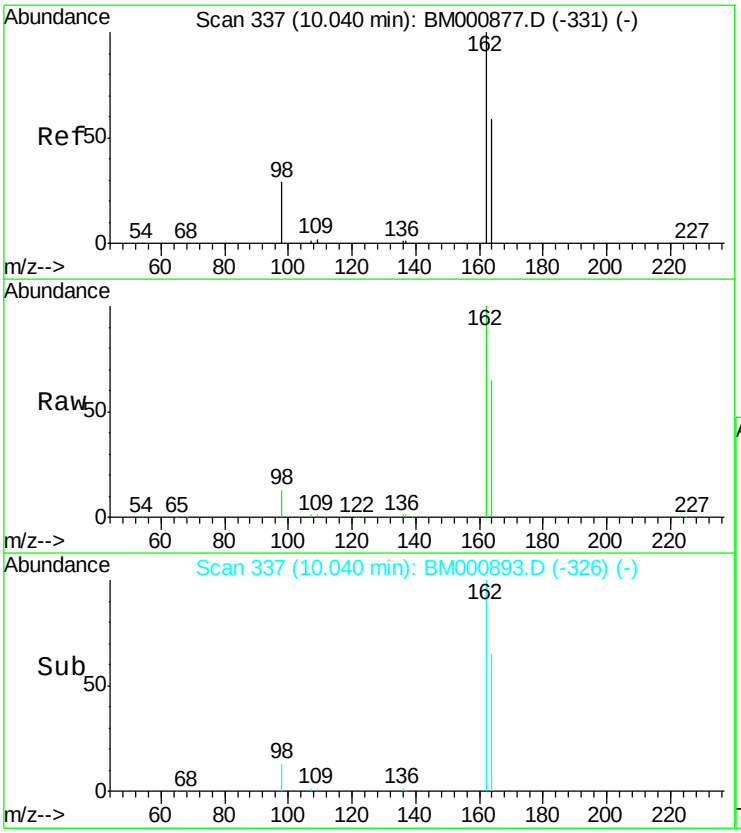
#15
2,4-Dimethylphenol
Concen: 6.39 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:122 Resp: 43723

Ion	Ratio	Lower	Upper
122	100		
107	68.8	67.4	101.2
121	49.8	43.5	65.3

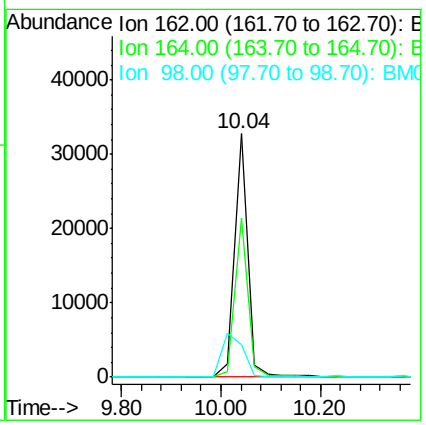


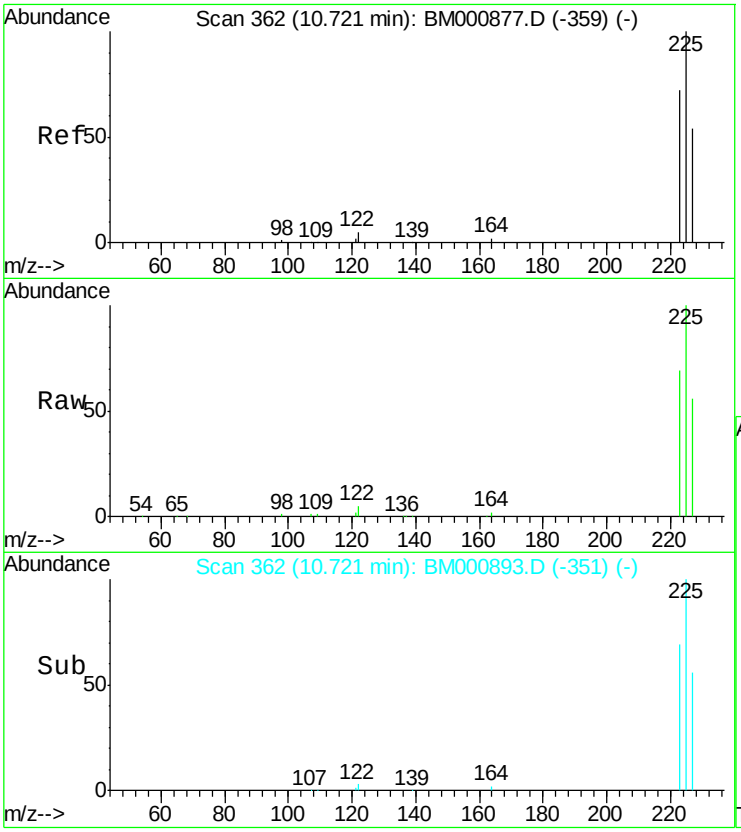


#16
2,4-Dichlorophenol
Concen: 6.73 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:162 Resp: 59997

Ion	Ratio	Lower	Upper
162	100		
164	65.5	39.9	79.9
98	13.4	11.3	51.3



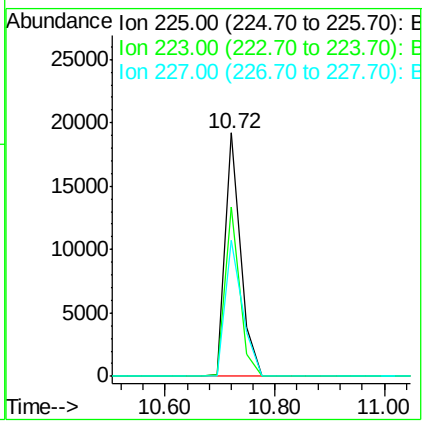


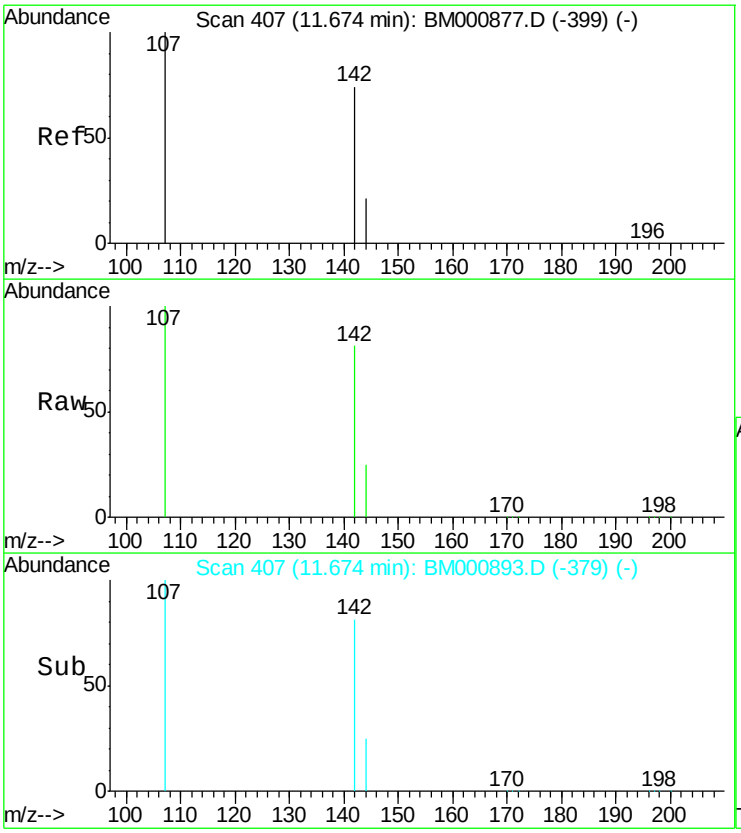
#17
Hexachlorobutadiene
Concen: 6.96 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:225 Resp: 37800

Ion	Ratio	Lower	Upper
225	100		
223	69.4	58.3	87.5
227	55.7	44.5	66.7

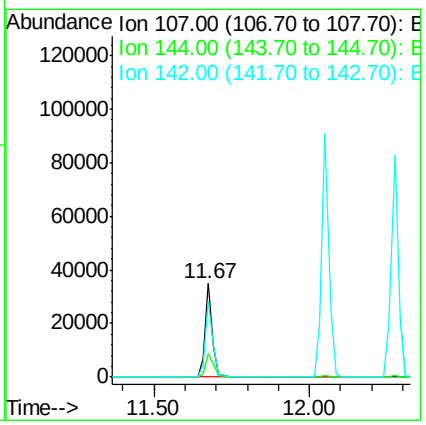


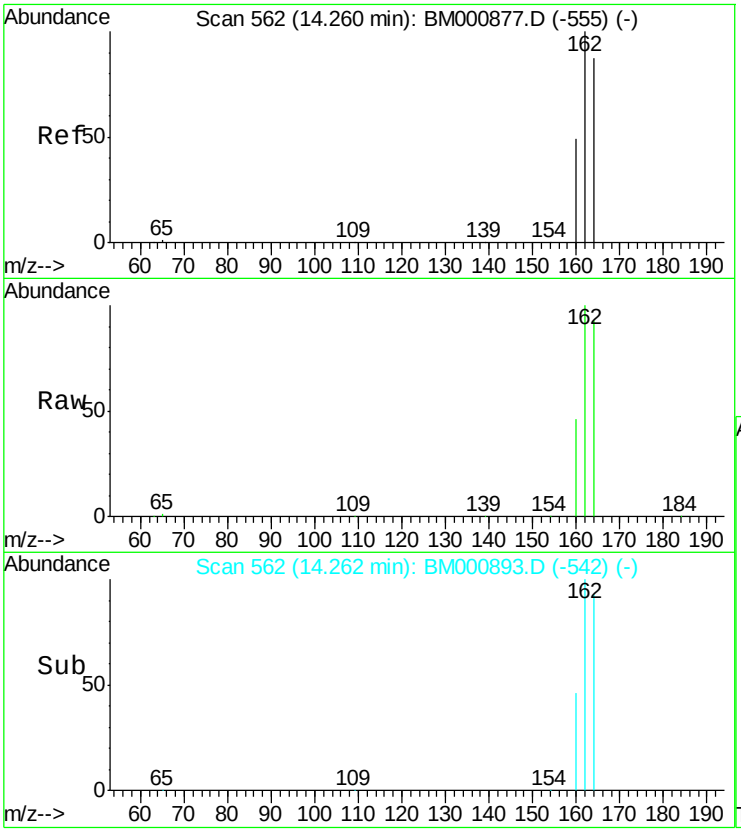


#18
4-Chloro-3-methylphenol
Concen: 6.96 ng
RT: 11.67 min Scan# 407
Delta R.T. -0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:107 Resp: 57904

Ion	Ratio	Lower	Upper
107	100		
144	24.7	18.4	27.6
142	80.7	59.9	89.9



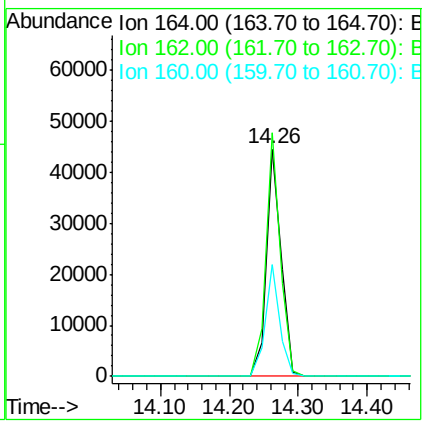


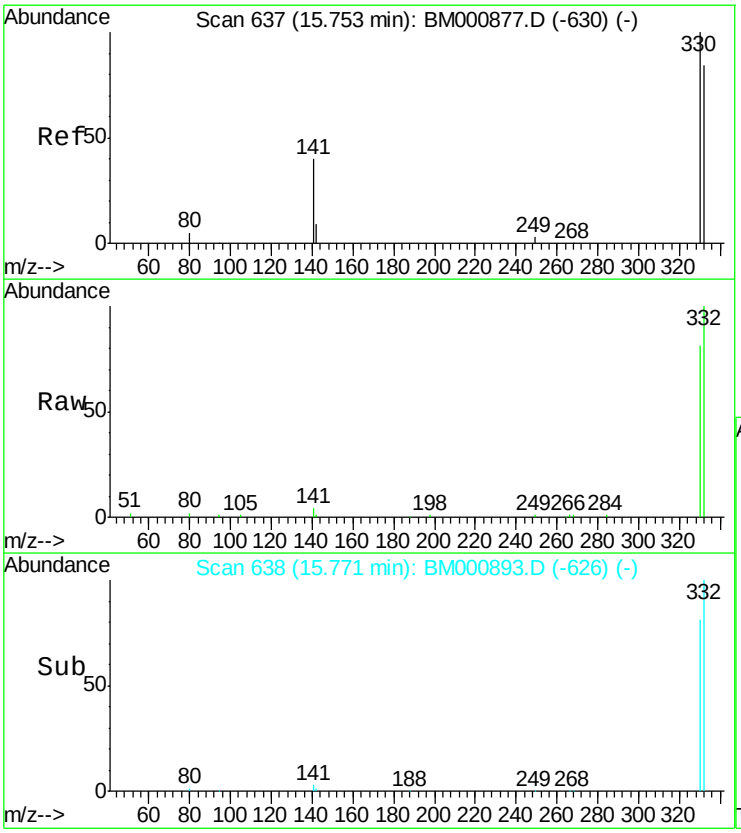
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:164 Resp: 67519

Ion	Ratio	Lower	Upper
164	100		
162	107.1	91.8	137.6
160	49.1	44.6	67.0

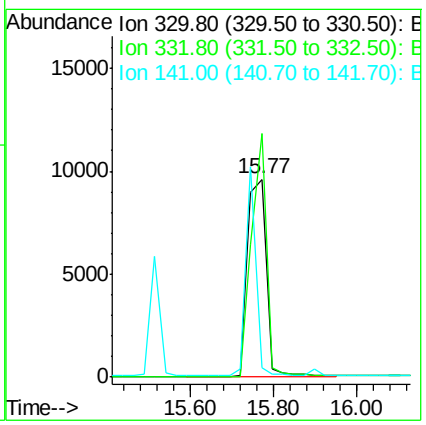


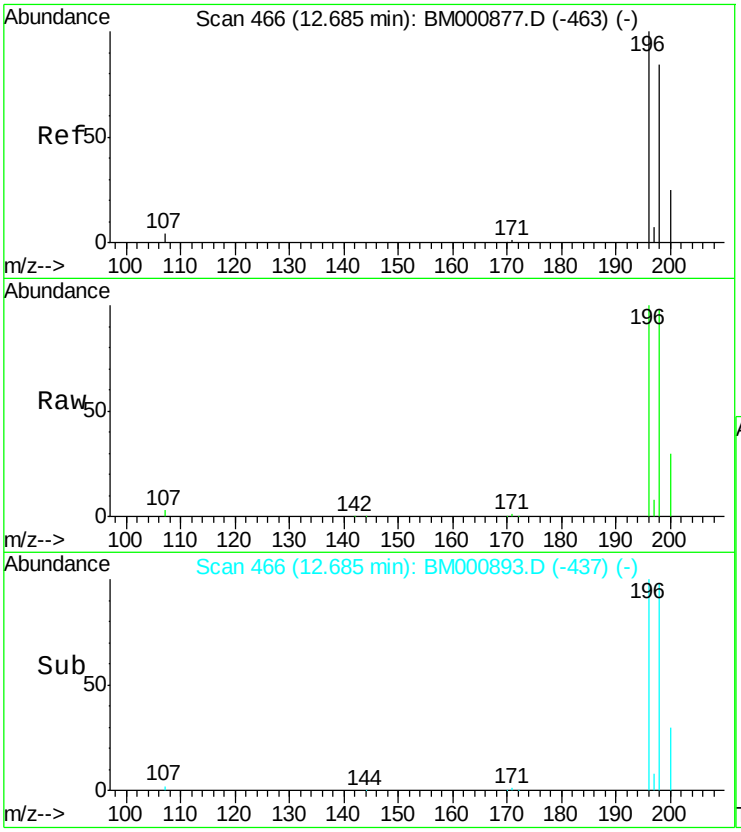


#20
2,4,6-Tribromophenol
Concen: 10.47 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:330 Resp: 29692

Ion	Ratio	Lower	Upper
330	100		
332	98.3	72.6	109.0
141	0.0	29.8	44.6#



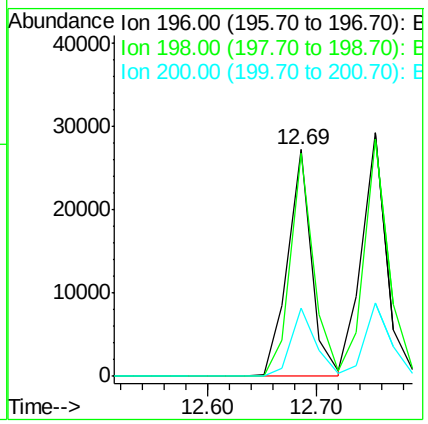


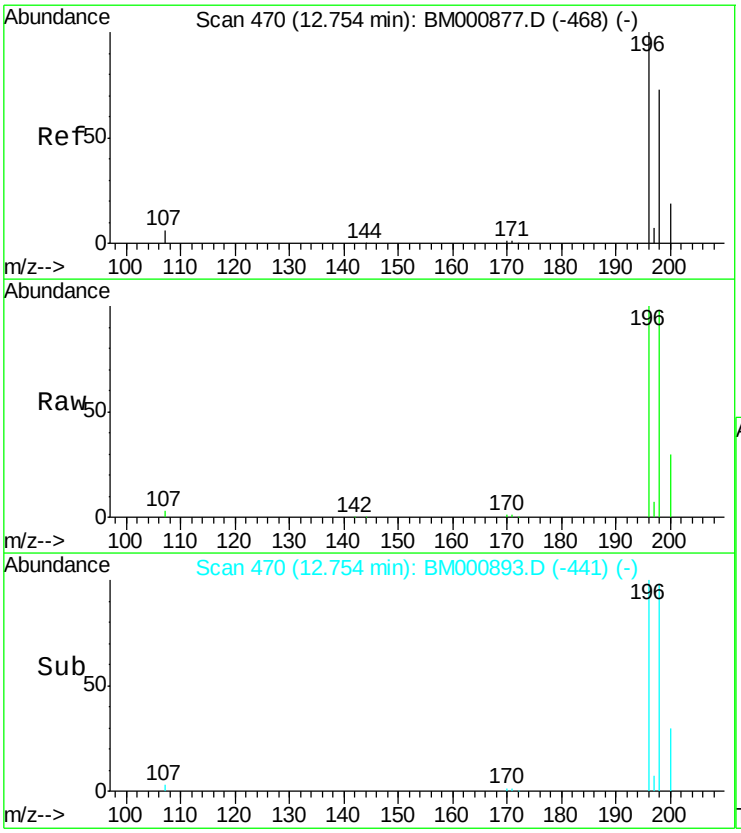
#21
2,4,6-Trichlorophenol
Concen: 7.62 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:196 Resp: 41781

Ion	Ratio	Lower	Upper
196	100		
198	98.4	67.5	101.3
200	30.0	22.1	33.1

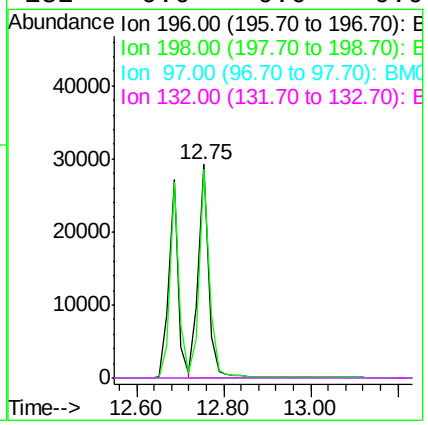


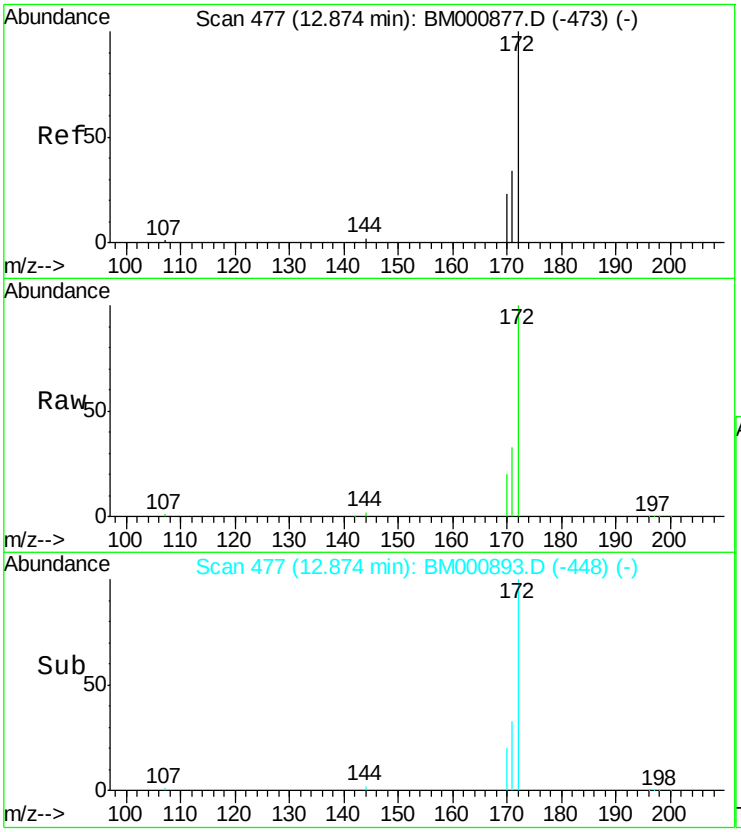


#22
2,4,5-Trichlorophenol
Concen: 7.37 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:196 Resp: 47778

Ion	Ratio	Lower	Upper
196	100		
198	97.7	62.7	94.1#
97	0.0	0.0	0.0
132	0.0	0.0	0.0



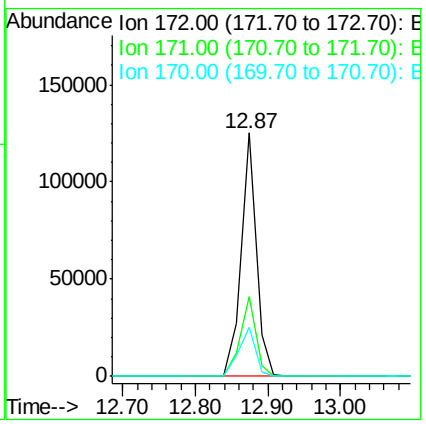


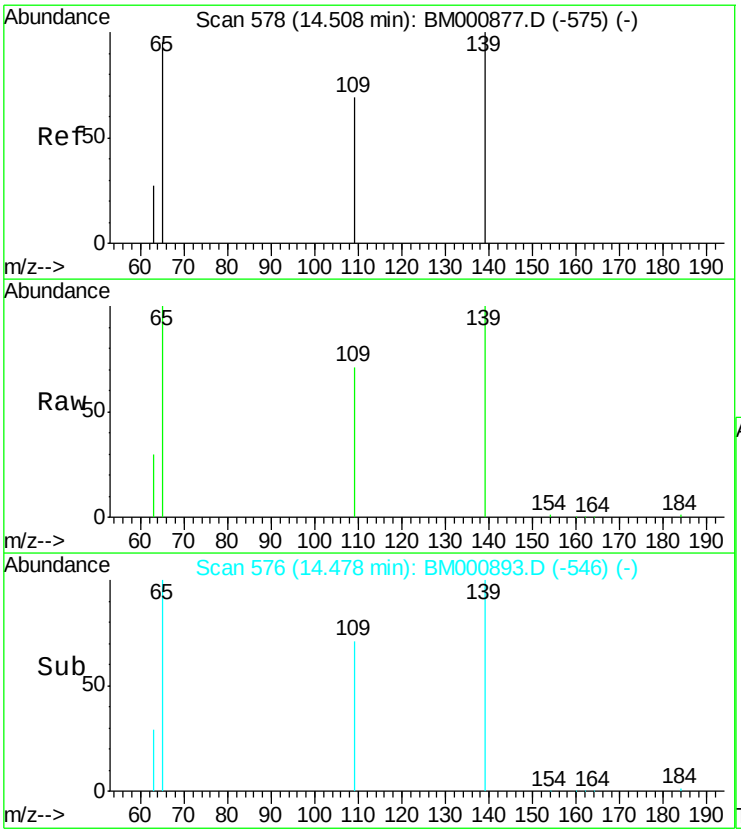
#23
2-Fluorobiphenyl
Concen: 8.62 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:172 Resp: 179451

Ion	Ratio	Lower	Upper
172	100		
171	32.6	27.8	41.8
170	20.4	19.0	28.6

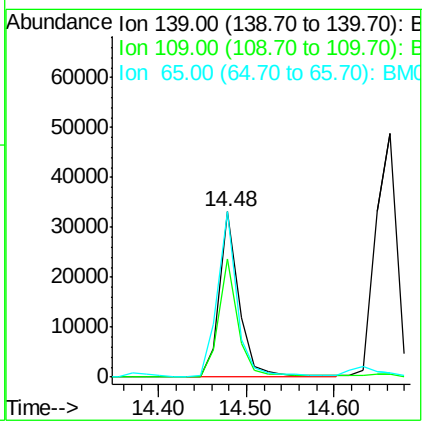


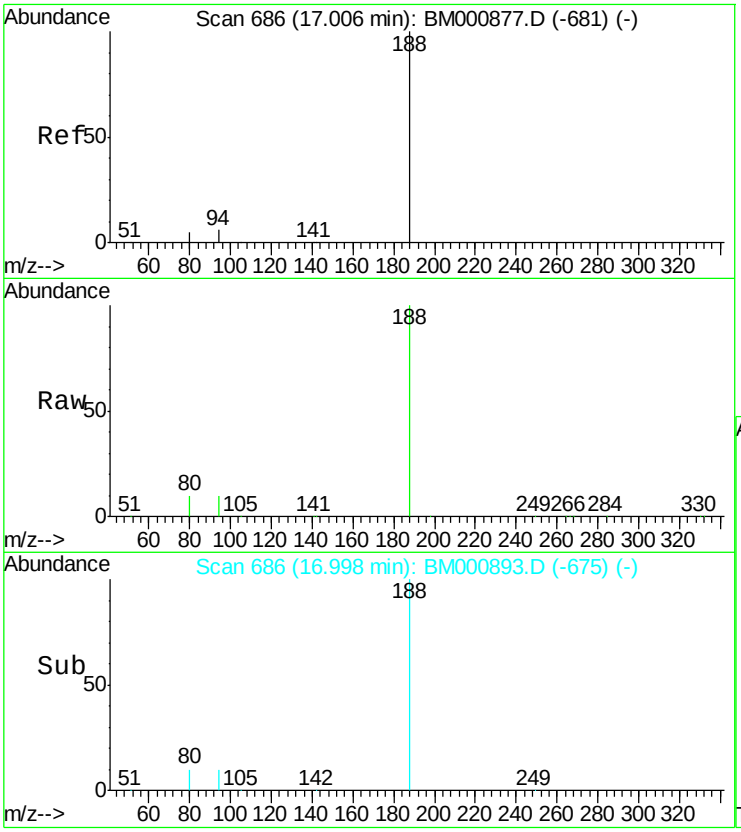


#25
4-Nitrophenol
Concen: 10.05 ng
RT: 14.48 min Scan# 576
Delta R.T. -0.03 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:139 Resp: 51369

Ion	Ratio	Lower	Upper
139	100		
109	71.3	58.4	98.4
65	99.8	87.7	127.7



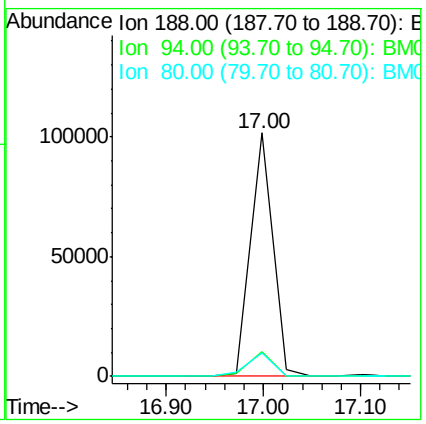


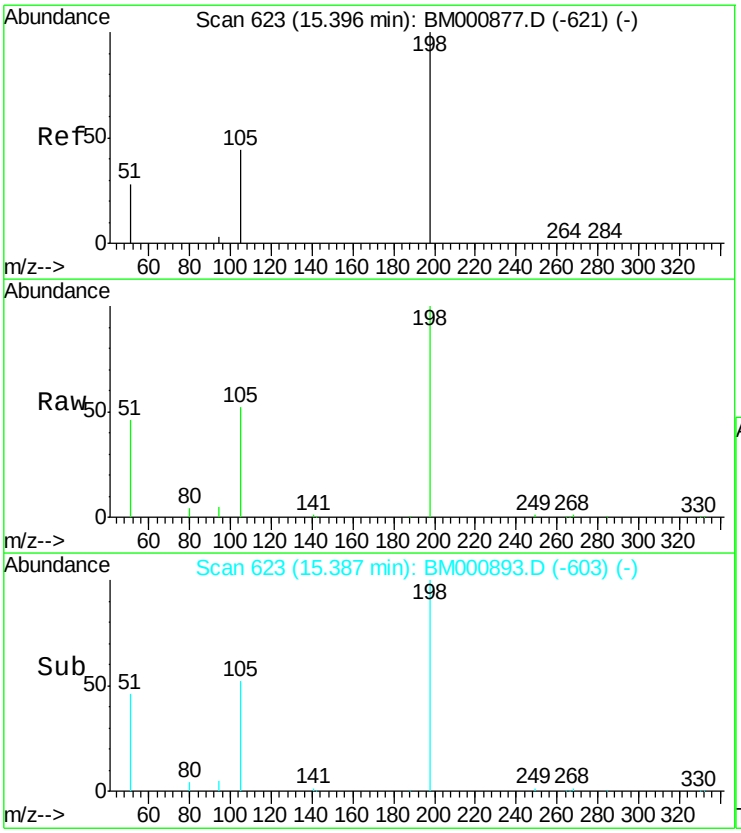
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:188 Resp: 163192

Ion	Ratio	Lower	Upper
188	100		
94	10.0	4.9	7.3#
80	9.9	4.4	6.6#

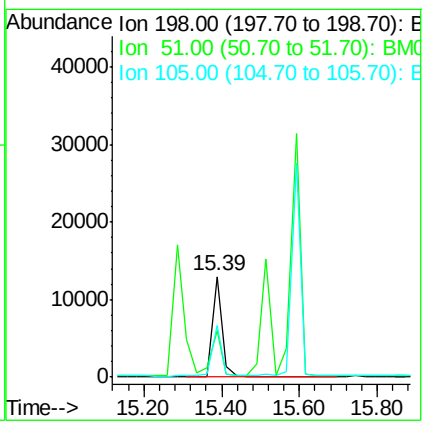


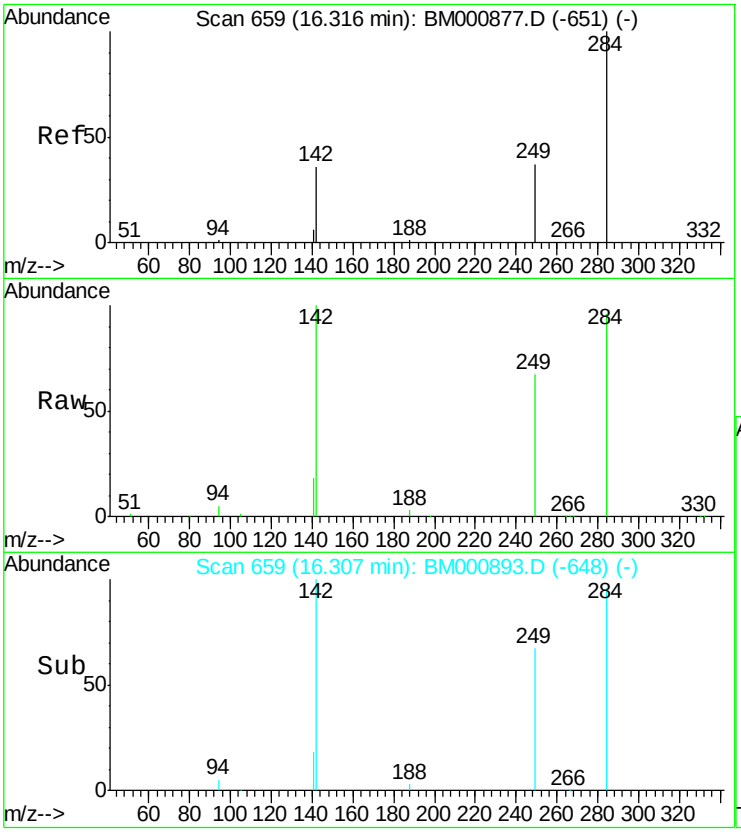


#27
4,6-Dinitro-2-methylphenol
Concen: 6.77 ng
RT: 15.39 min Scan# 623
Delta R.T. -0.01 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:198 Resp: 22855

Ion	Ratio	Lower	Upper
198	100		
51	46.0	44.6	84.6
105	51.9	36.0	76.0



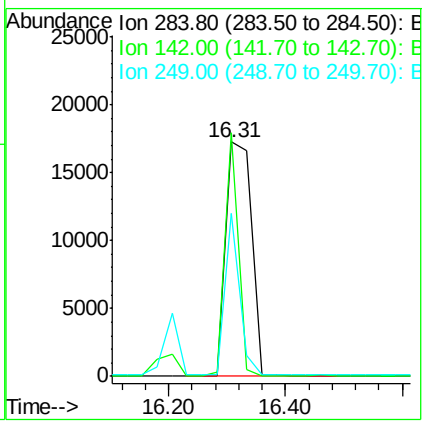


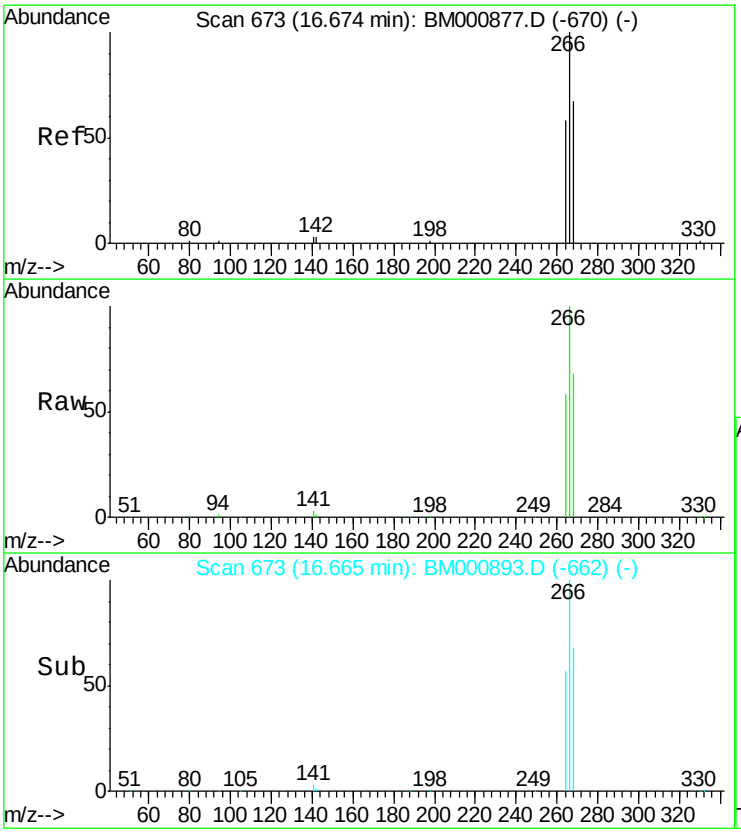
#28
Hexachlorobenzene
Concen: 7.40 ng
RT: 16.31 min Scan# 659
Delta R.T. -0.01 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:284 Resp: 51977

Ion	Ratio	Lower	Upper
284	100		
142	103.9	29.8	44.8#
249	69.8	31.0	46.4#

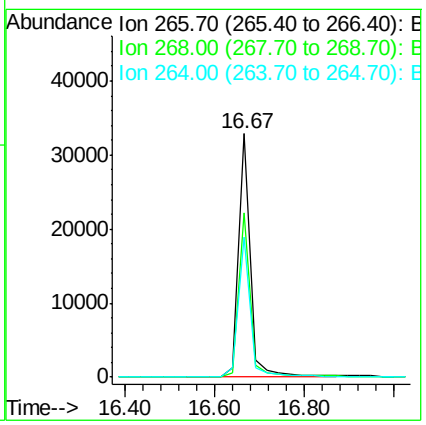


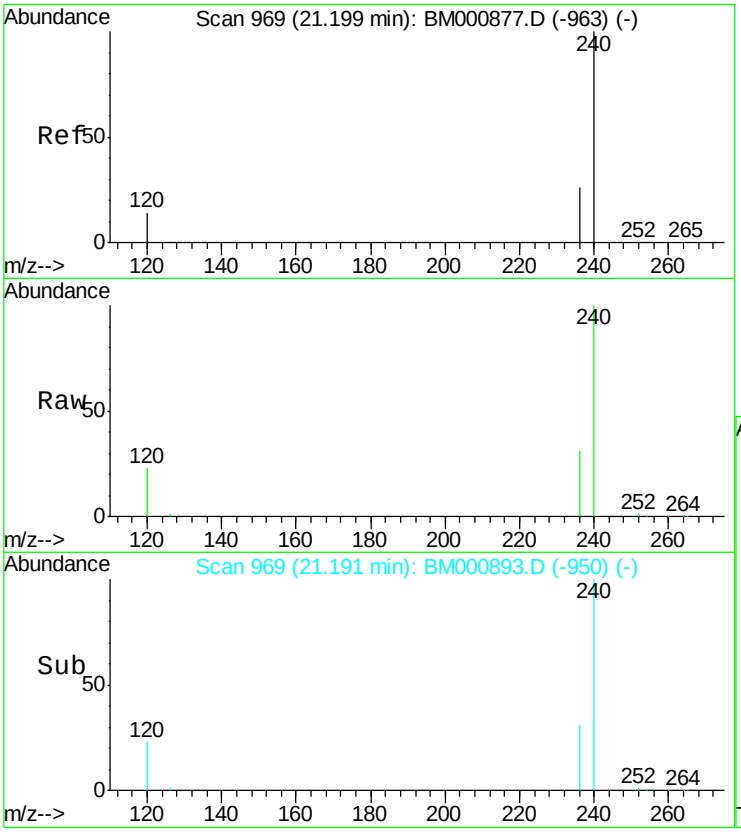


#29
Pentachlorophenol
Concen: 12.98 ng
RT: 16.67 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:266 Resp: 59071

Ion	Ratio	Lower	Upper
266	100		
268	67.6	61.8	92.8
264	57.5	53.8	80.6



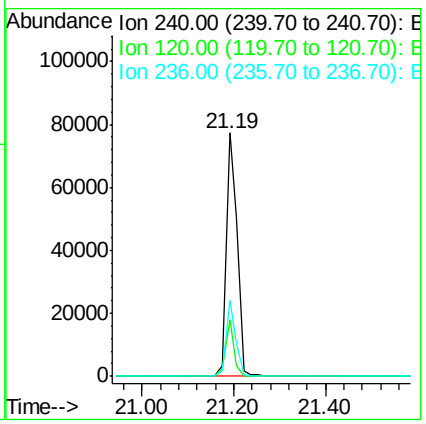


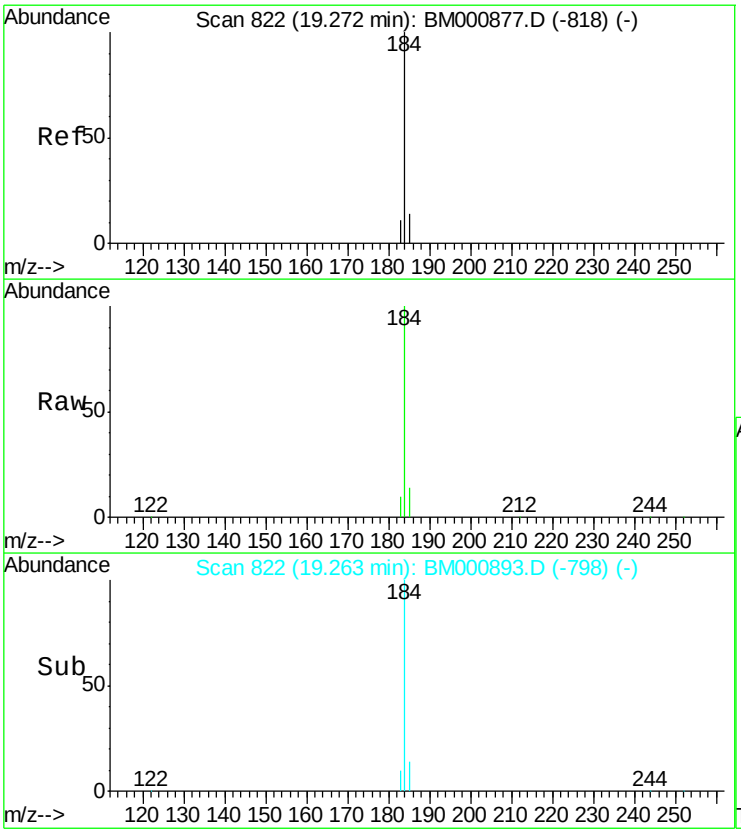
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.19 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:240 Resp: 125321

Ion	Ratio	Lower	Upper
240	100		
120	23.4	11.1	16.7#
236	31.2	20.9	31.3

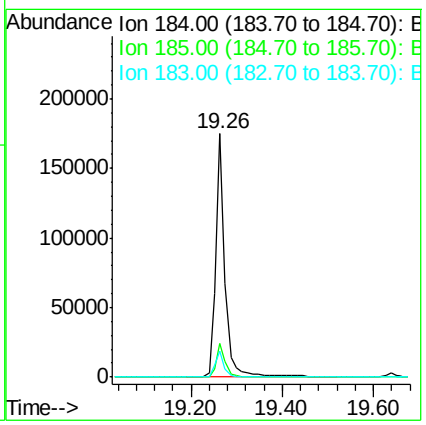


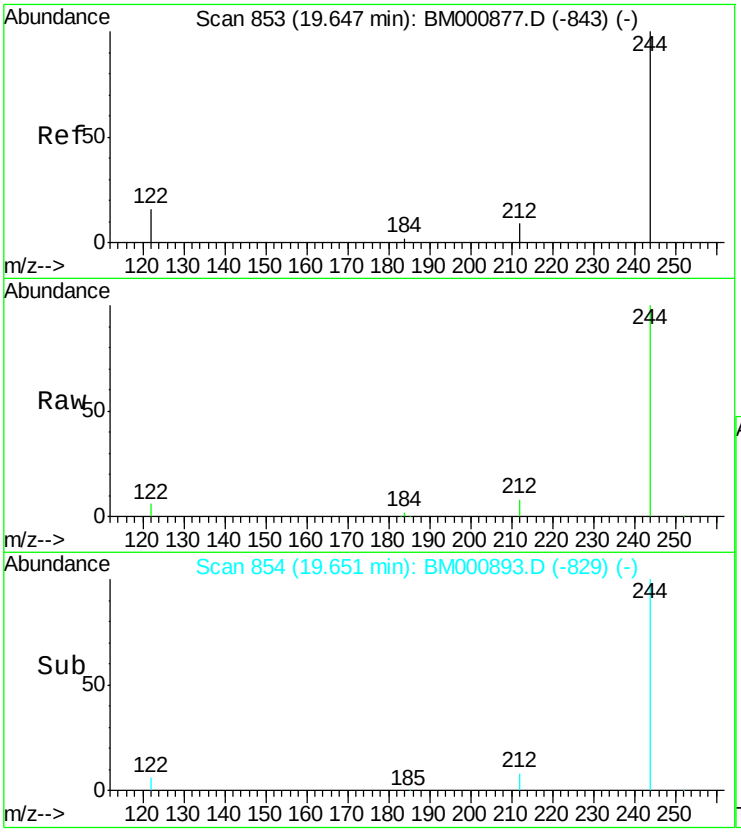


#31
Benzidine
Concen: 11.19 ng
RT: 19.26 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:184 Resp: 252606

Ion	Ratio	Lower	Upper
184	100		
185	13.6	14.4	21.6#
183	10.5	12.6	19.0#



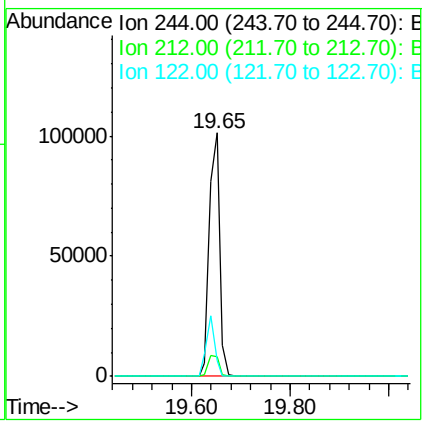


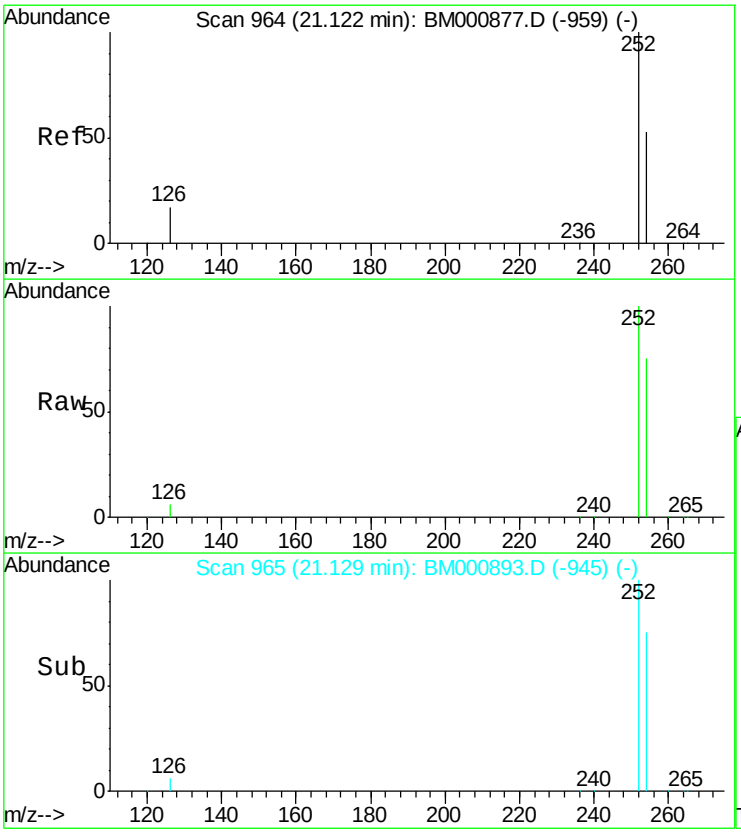
#32
Terphenyl-d14
Concen: 9.56 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:244 Resp: 147738

Ion	Ratio	Lower	Upper
244	100		
212	7.9	8.1	12.1#
122	6.3	13.6	20.4#

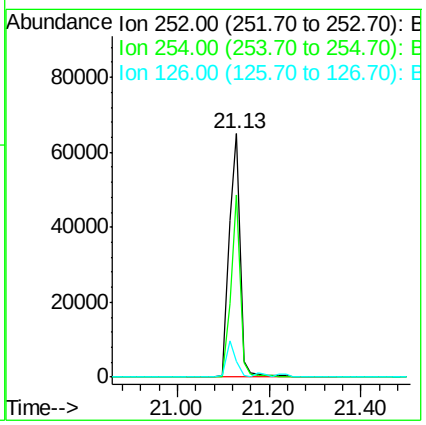


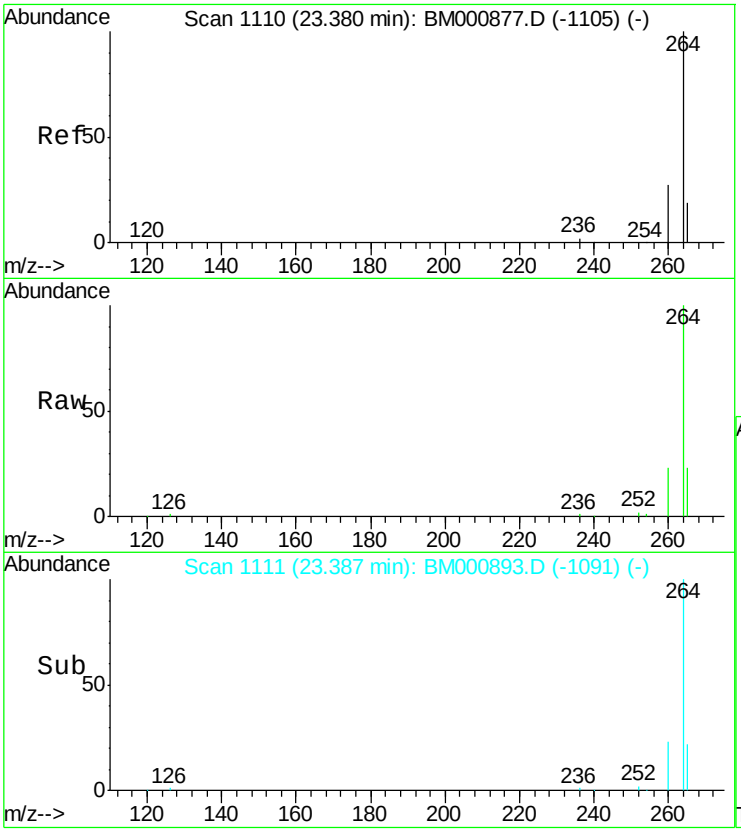


#33
3,3'-Dichlorobenzidine
Concen: 5.68 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000893.D
Acq: 08 Apr 2015 00:10

Tgt Ion:252 Resp: 107037

Ion	Ratio	Lower	Upper
252	100		
254	74.8	43.2	64.8#
126	6.3	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: BM000893.D
Acq: 08 Apr 2015 00:10

Instrument :
BNA_M
ClientSampleId :
PB82421BSD

Tgt Ion:264 Resp: 112151

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.6	32.4
265	22.8	16.1	24.1