Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000875.D
Acq On : 07 Apr 2015 12:15
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.5

Quant Time: Apr 07 14:29:23 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 14:10:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	20649	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	104518	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	56996	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	142239	5.00	ng		0.00
30) Chrysene-d12	21.21	240	107541	5.00	ng		0.00
34) Perylene-d12	23.39	264	100626	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3471	0.60	ng		0.00
5) Phenol-d6	6.77	99	5148	0.63	ng		0.00
12) Nitrobenzene-d5	8.77	82	2591	0.53	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	667	0.40	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	9125	0.52	ng		0.00
32) Terphenyl-d14	19.65	244	6776	0.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1952	0.60	ng		95
3) n-Nitrosodimethylamine	3.44	42	1418	0.53	ng	#	64
6) 2-Chlorophenol	7.17	128	4002	0.67	ng		95
7) Phenol	6.81	94	4416	0.52	ng		96
8) bis(2-Chloroethyl)ether	7.02	93	3914	0.63	ng		90
9) 2-Methylphenol	8.06	107	3275	0.54	ng		99
10) 3+4-Methylphenols	8.38	107	3884	0.59	ng		97
13) Nitrobenzene	8.80	77	2595	0.46	ng	#	95
14) 2-Nitrophenol	9.52	139	1603	0.54	ng		94
15) 2,4-Dimethylphenol	9.58	122	2993	0.51	ng		99
16) 2,4-Dichlorophenol	10.04	162	2732	0.52	ng		96
17) Hexachlorobutadiene	10.72	225	2517	0.61	ng		99
18) 4-Chloro-3-methylphenol	11.69	107	2720	0.52	ng	#	82
21) 2,4,6-Trichlorophenol	12.69	196	1279	0.44	ng		98
22) 2,4,5-Trichlorophenol	12.75	196	1736	0.48	ng		98
24) 2,4-Dinitrophenol	14.42	184	26	0.05	ng	#	60
25) 4-Nitrophenol	14.51	139	296	0.28	ng		95
27) 4,6-Dinitro-2-methylphenol	15.41	198	448	0.36	ng	#	80
28) Hexachlorobenzene	16.33	284	2903	0.36	ng	#	56
29) Pentachlorophenol	16.67	266	230	0.18	ng		94
31) Benzidine	19.28	184	2336	0.47	ng		92
33) 3,3'-Dichlorobenzidine	21.13	252	3613	0.49	ng	#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000875.D
Acq On : 07 Apr 2015 12:15
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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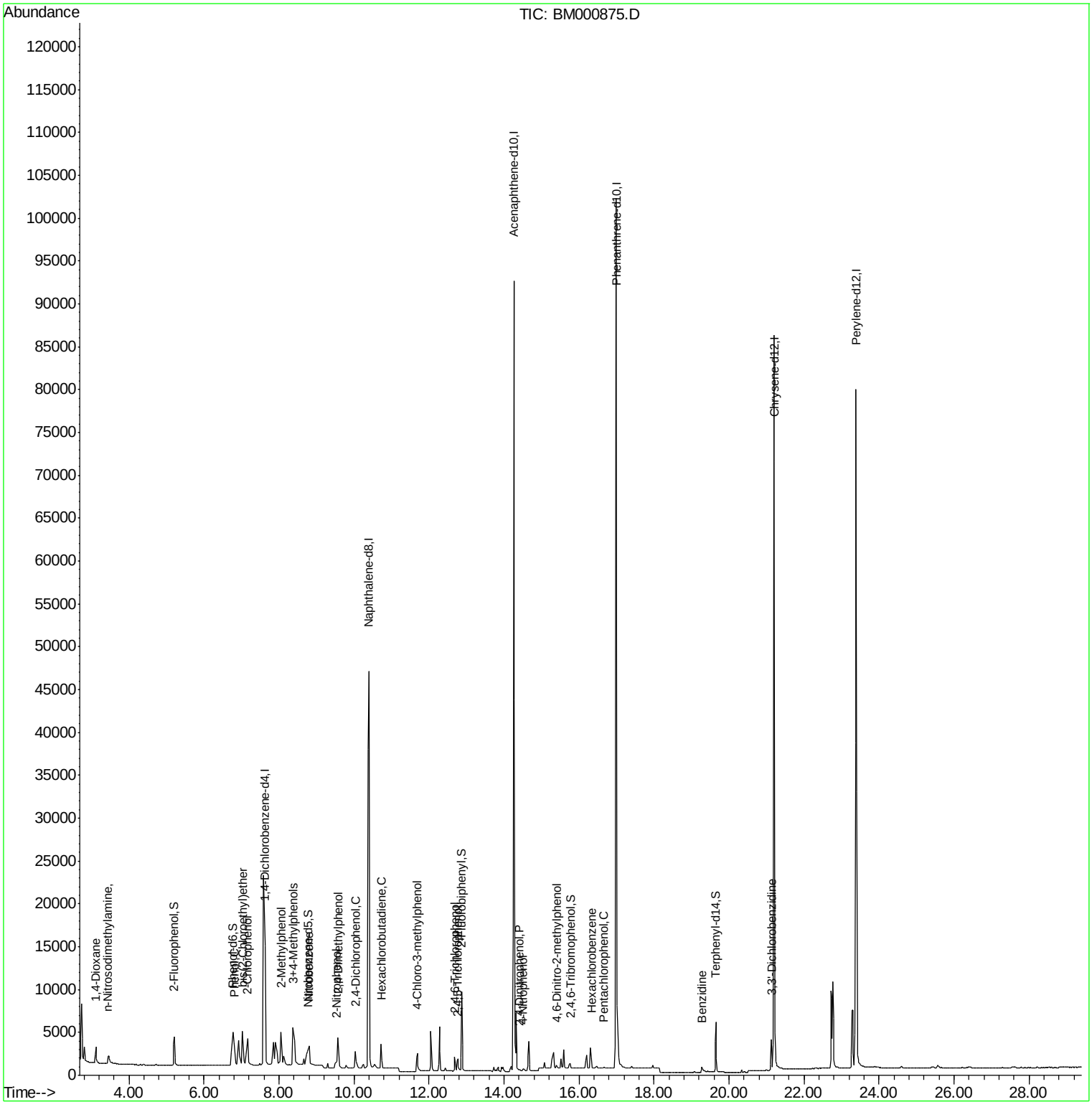
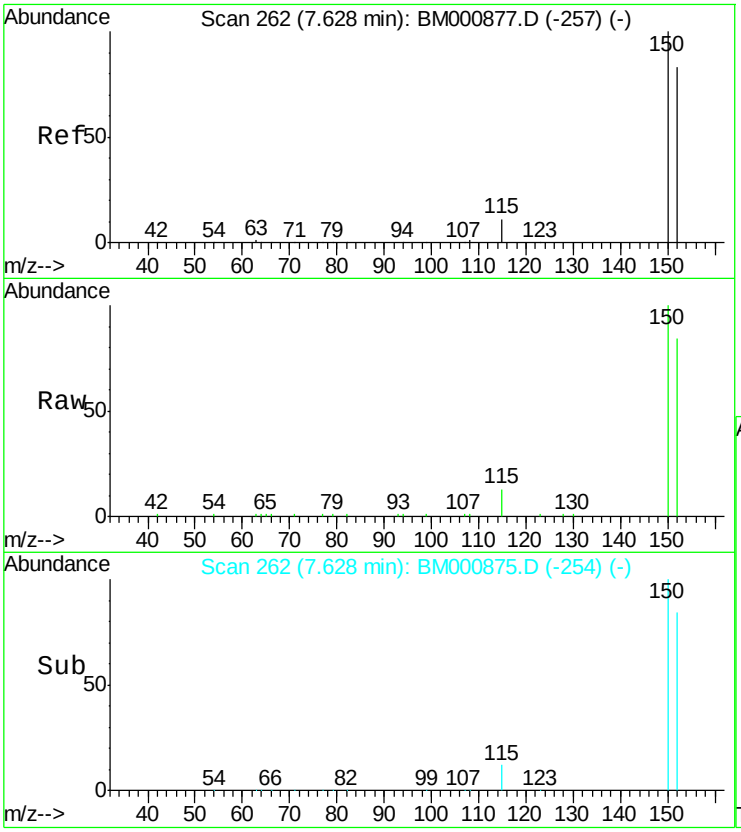


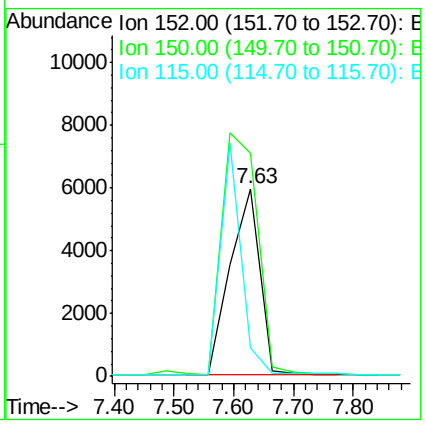


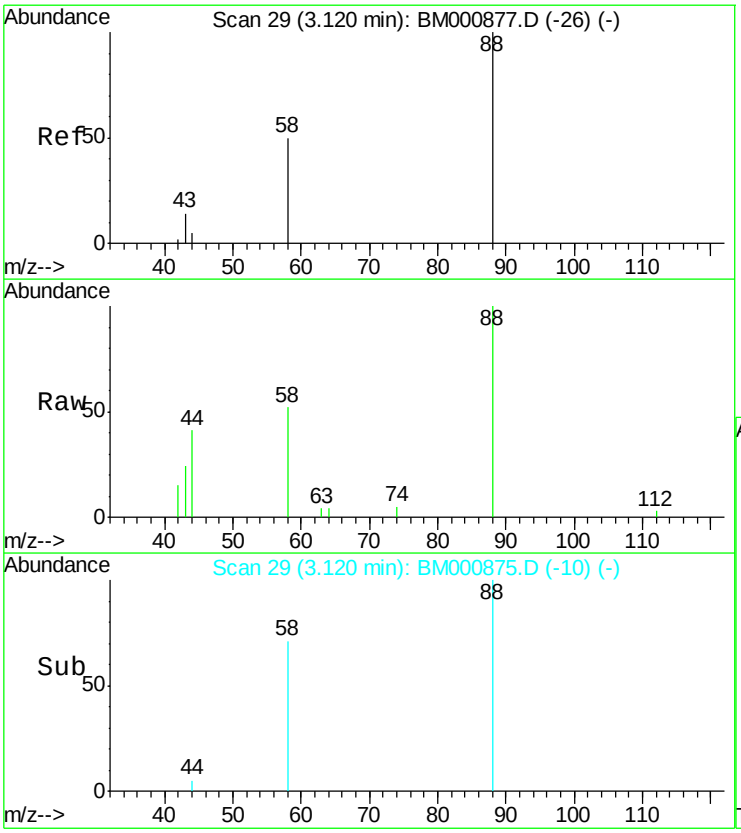
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 20649

Ion	Ratio	Lower	Upper
152	100		
150	119.1	96.5	144.7
115	15.0	11.9	17.9

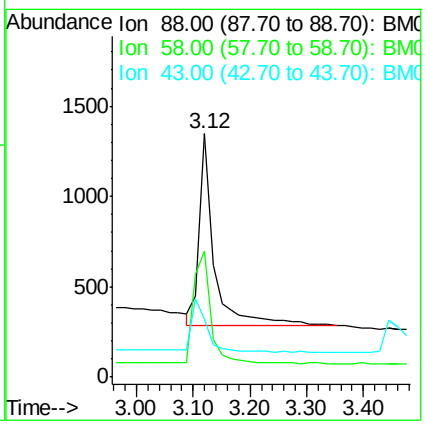


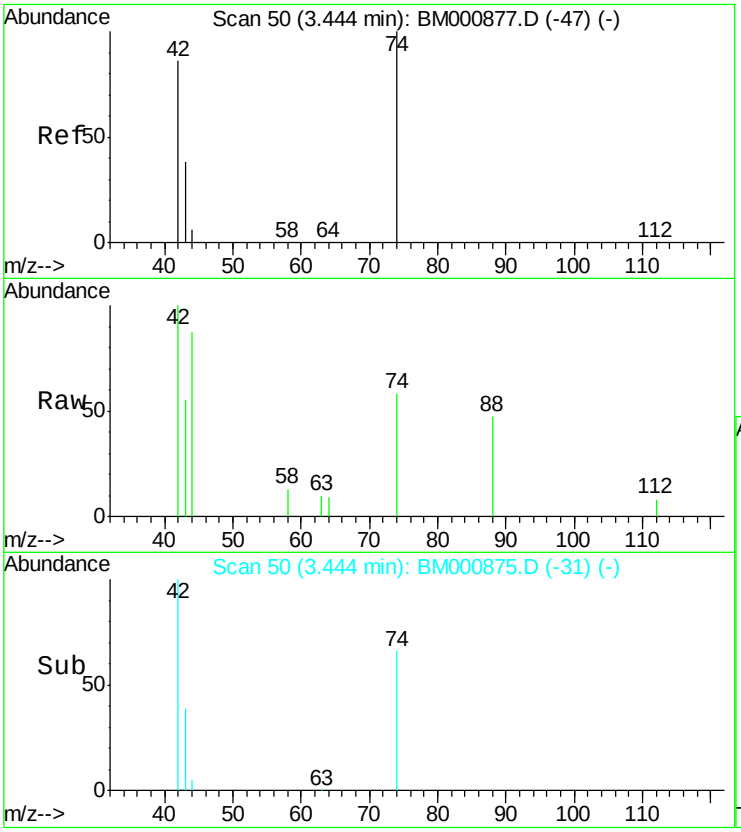


#2
1,4-Dioxane
Concen: 0.60 ng
RT: 3.12 min Scan# 29
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion: 88 Resp: 1952

Ion	Ratio	Lower	Upper
88	100		
58	66.0	56.7	85.1
43	29.0	25.0	37.6



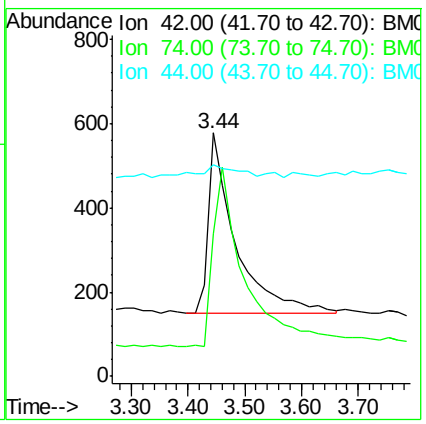


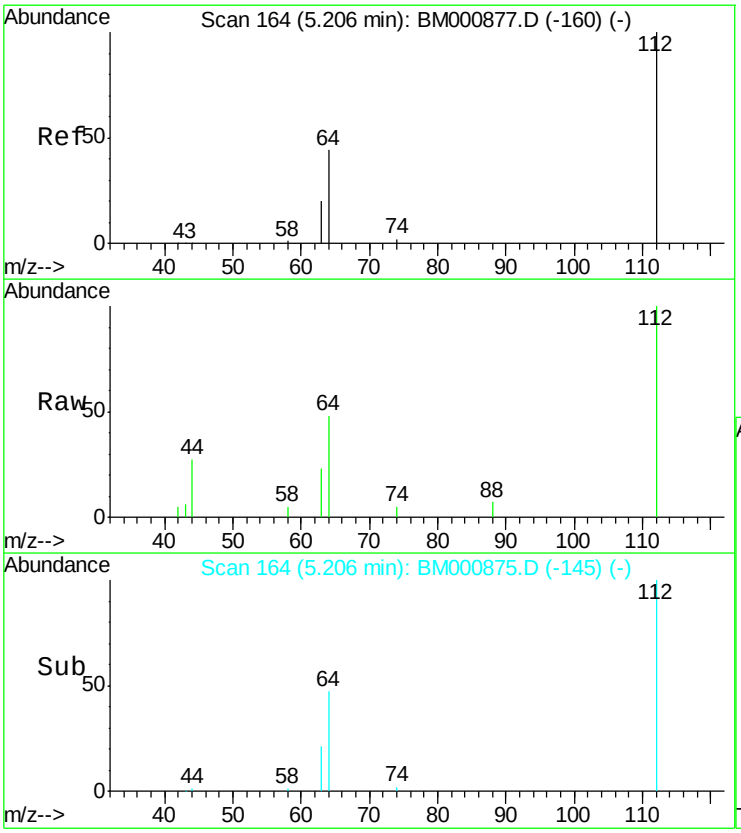
#3
n-Nitrosodimethylamine
Concen: 0.53 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 1418

Ion	Ratio	Lower	Upper
42	100		
74	58.3	81.0	121.4#
44	86.9	53.3	79.9#

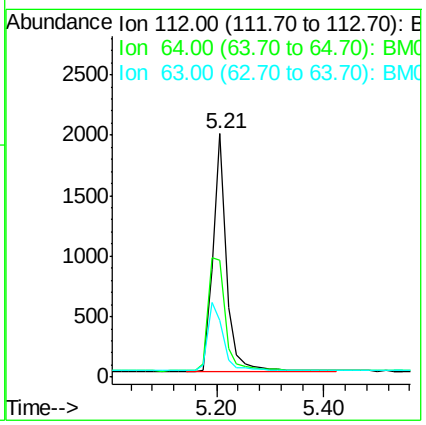


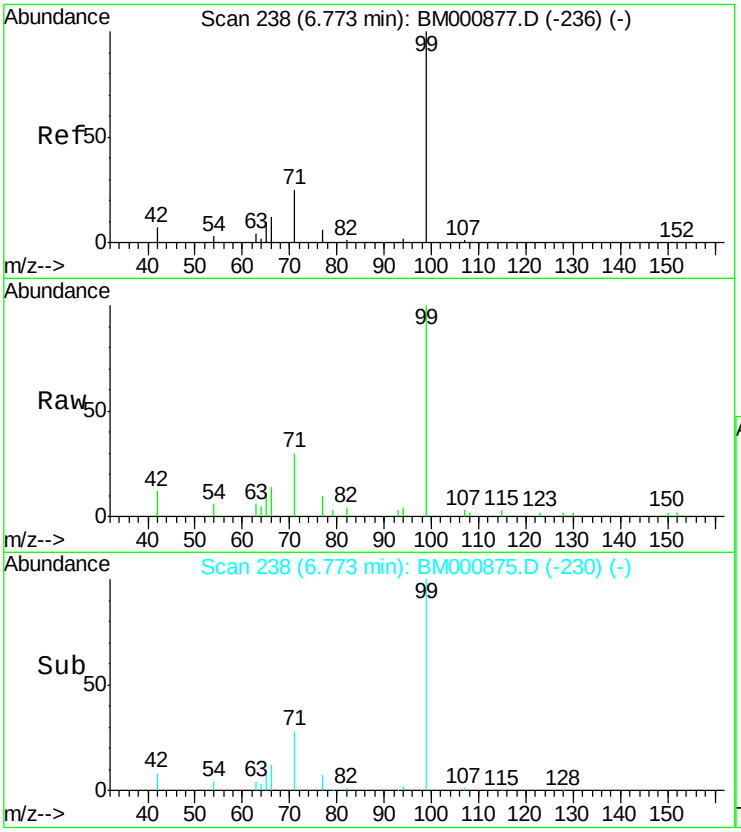


#4
2-Fluorophenol
Concen: 0.60 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:112 Resp: 3471

Ion	Ratio	Lower	Upper
112	100		
64	48.2	35.7	53.5
63	23.3	17.0	25.4



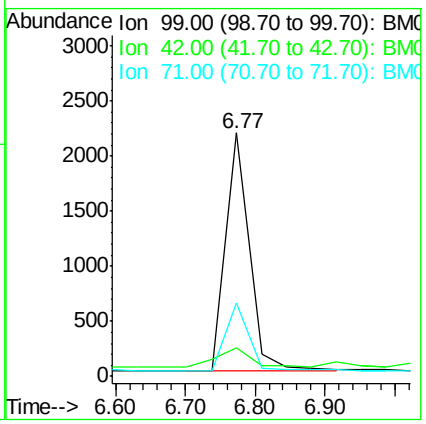


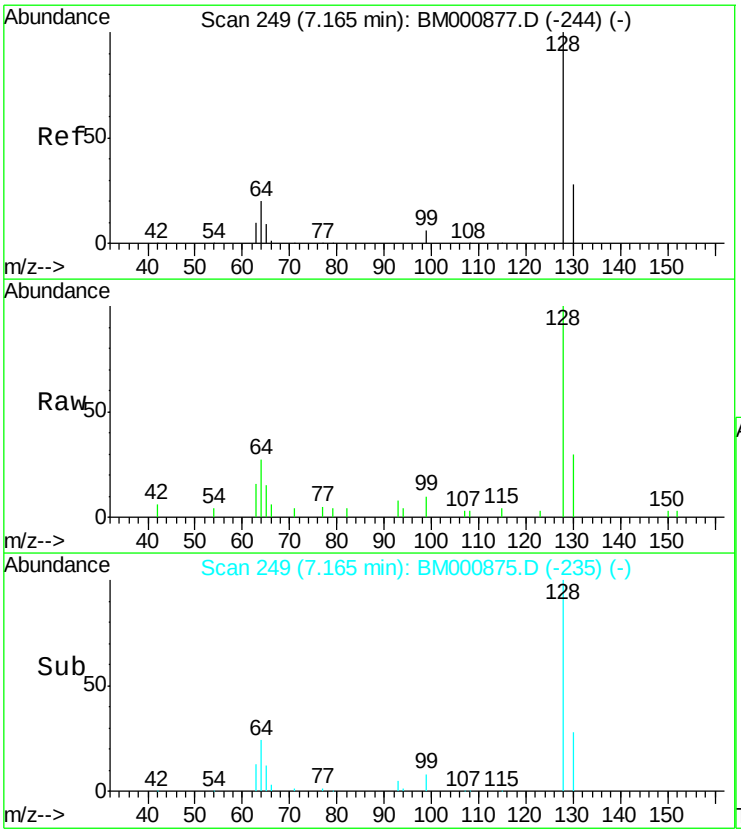
#5
Phenol-d6
Concen: 0.63 ng
RT: 6.77 min Scan# 238
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 5148

Ion	Ratio	Lower	Upper
99	100		
42	11.7	7.5	11.3#
71	30.1	21.3	31.9

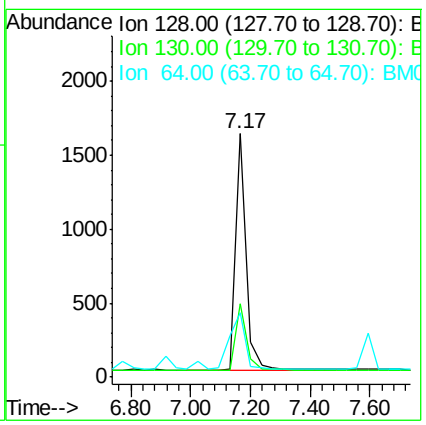


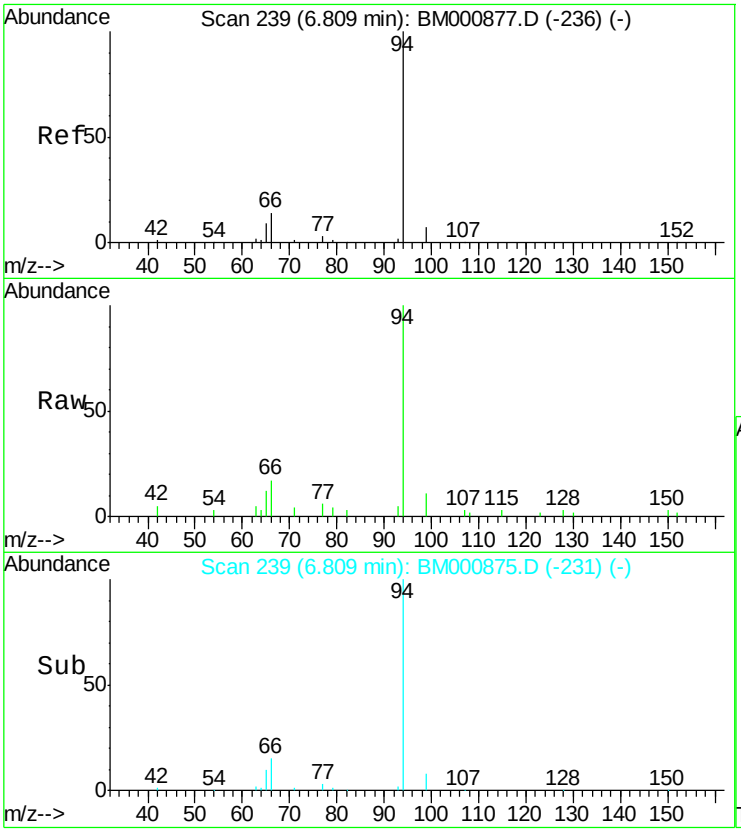


#6
2-Chlorophenol
Concen: 0.67 ng
RT: 7.17 min Scan# 249
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:128 Resp: 4002

Ion	Ratio	Lower	Upper
128	100		
130	30.4	9.4	49.4
64	26.6	2.1	42.1



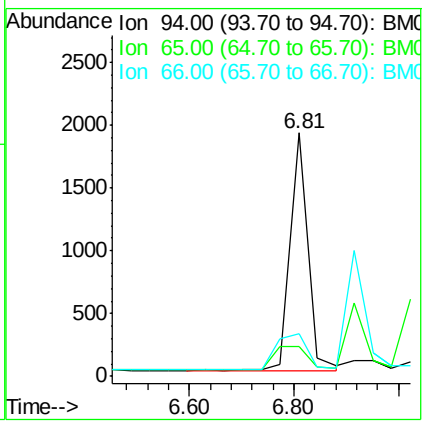


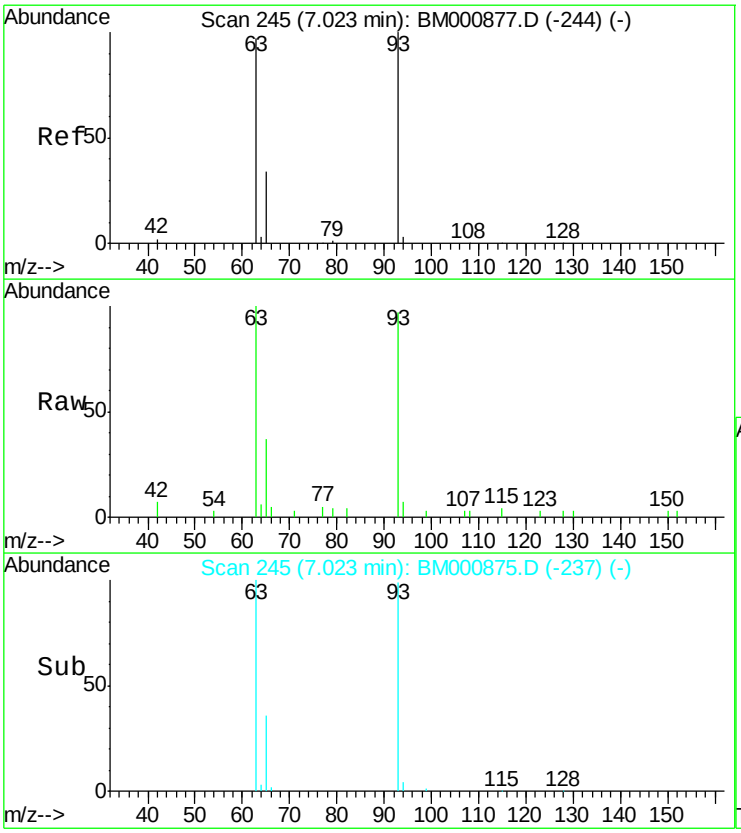
#7
Phenol
Concen: 0.52 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 94 Resp: 4416

Ion	Ratio	Lower	Upper
94	100		
65	12.4	0.0	30.9
66	17.4	0.0	35.8

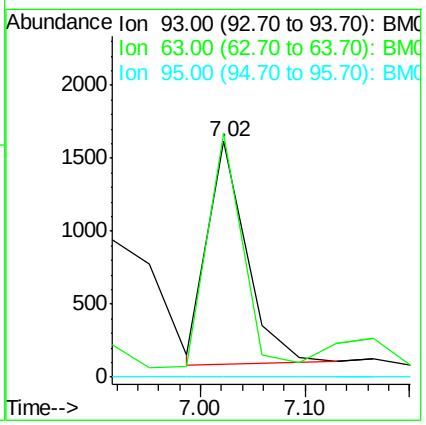


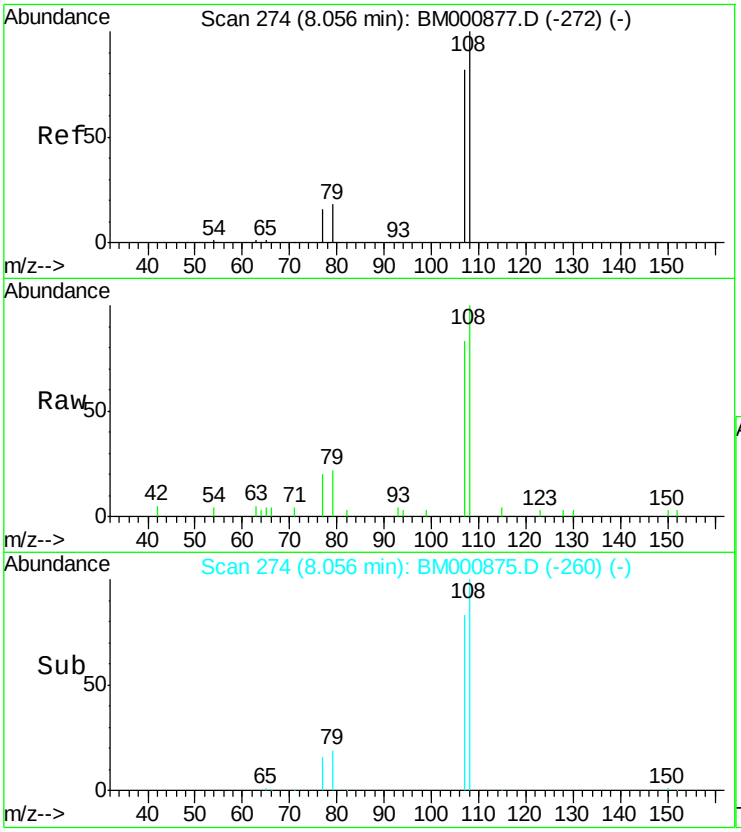


#8
bis(2-Chloroethyl)ether
Concen: 0.63 ng
RT: 7.02 min Scan# 245
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion: 93 Resp: 3914

Ion	Ratio	Lower	Upper
93	100		
63	103.2	73.3	113.3
95	0.0	0.0	20.0



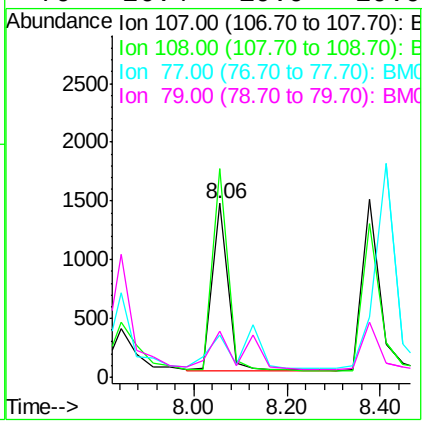


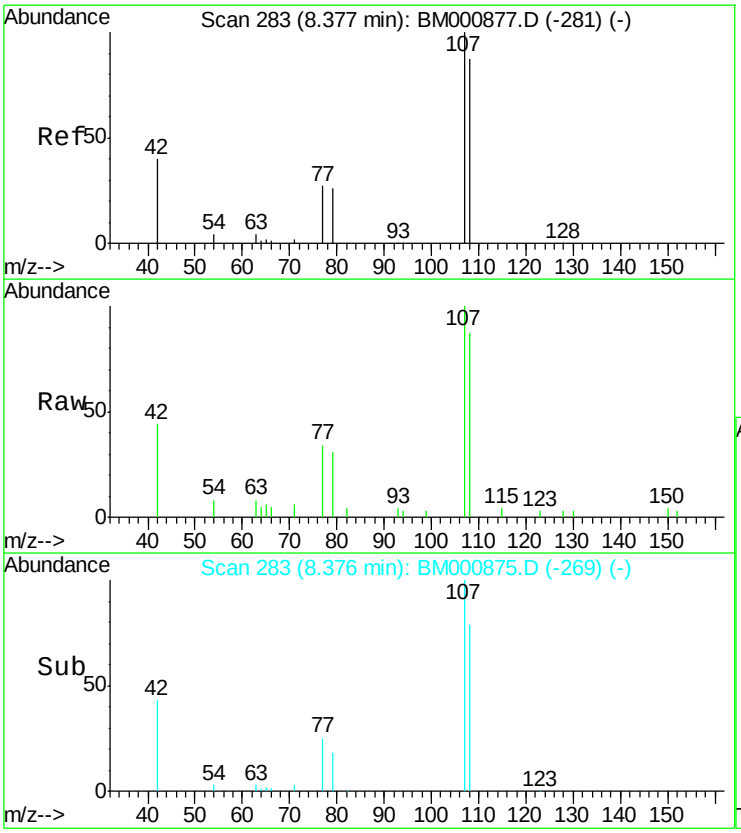
#9
2-Methylphenol
Concen: 0.54 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:107 Resp: 3275

Ion	Ratio	Lower	Upper
107	100		
108	120.2	96.7	145.1
77	24.2	18.3	27.5
79	26.4	19.9	29.9

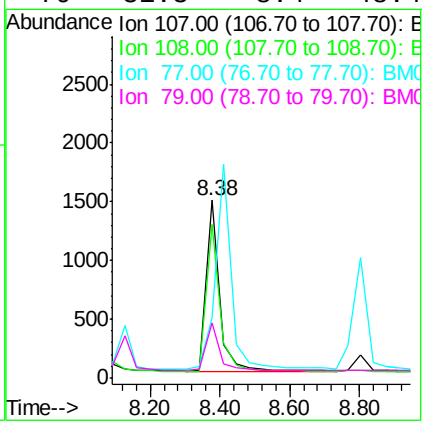


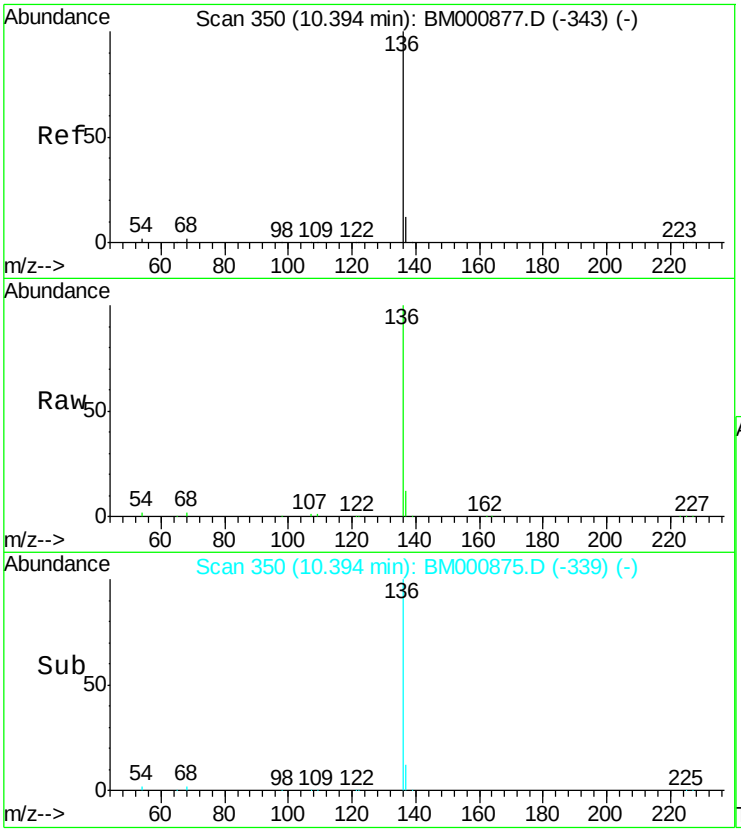


#10
3+4-Methylphenols
Concen: 0.59 ng
RT: 8.38 min Scan# 283
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:107 Resp: 3884

Ion	Ratio	Lower	Upper
107	100		
108	86.6	67.6	107.6
77	33.8	10.0	50.0
79	31.3	8.4	48.4



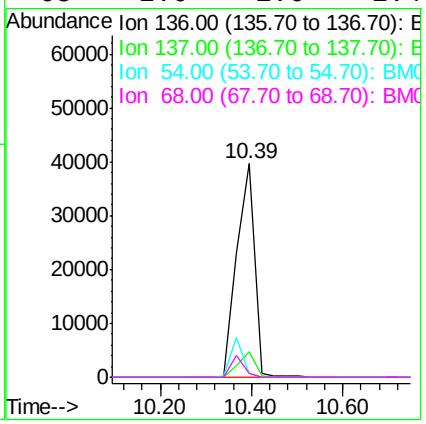


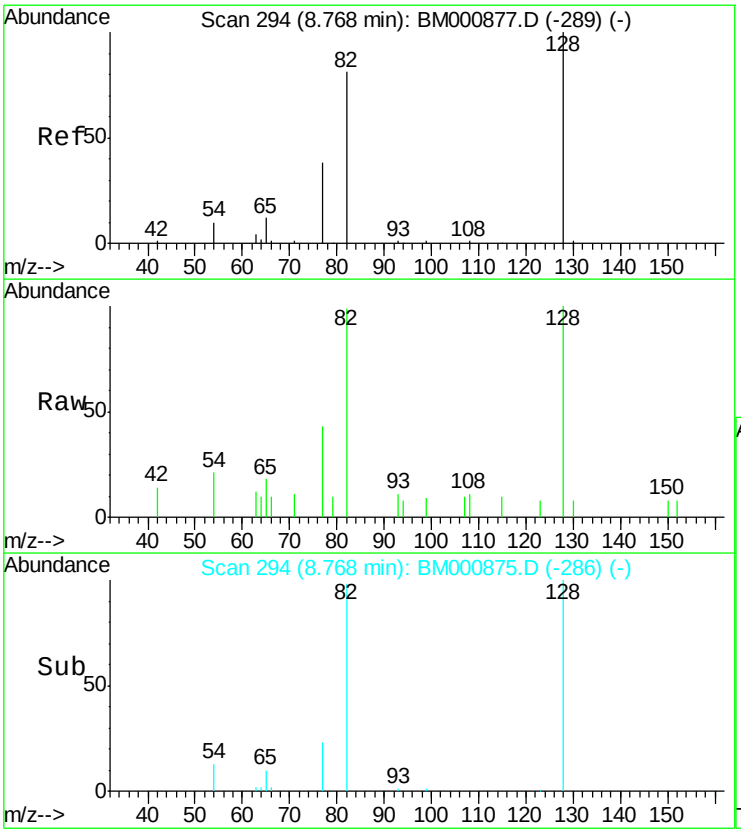
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 104518

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	1.9	1.5	2.3
68	2.0	1.6	2.4

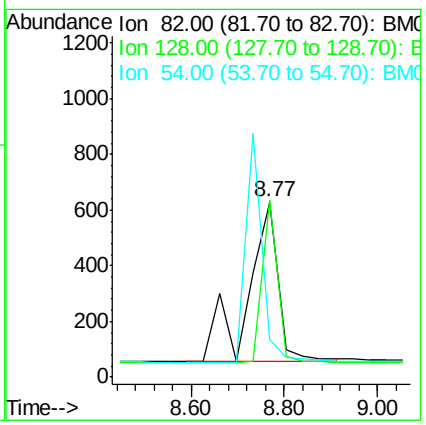


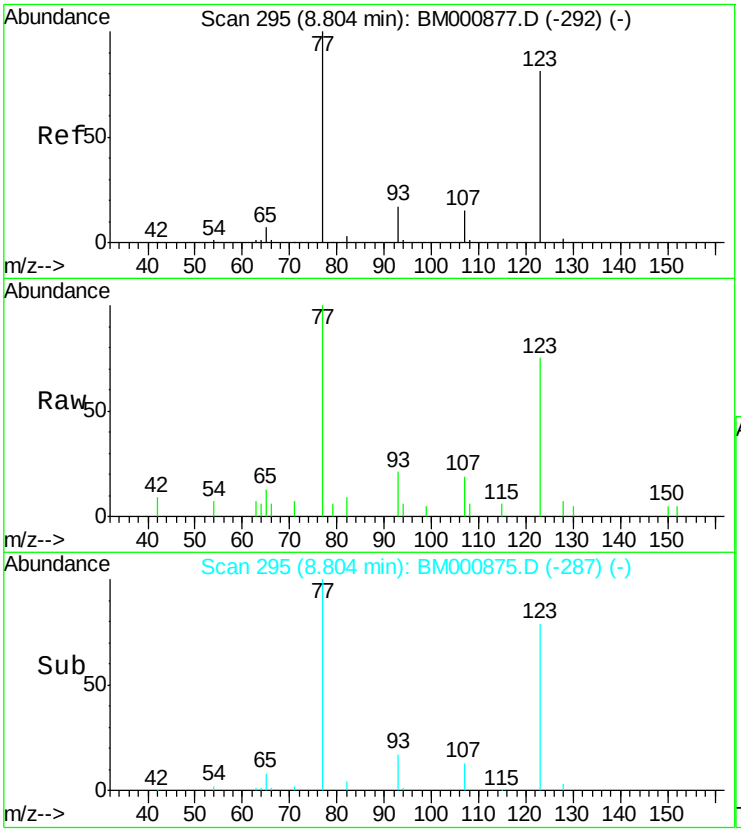


#12
Nitrobenzene-d5
Concen: 0.53 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion: 82 Resp: 2591

Ion	Ratio	Lower	Upper
82	100		
128	100.8	96.2	144.2
54	21.1	15.0	22.6



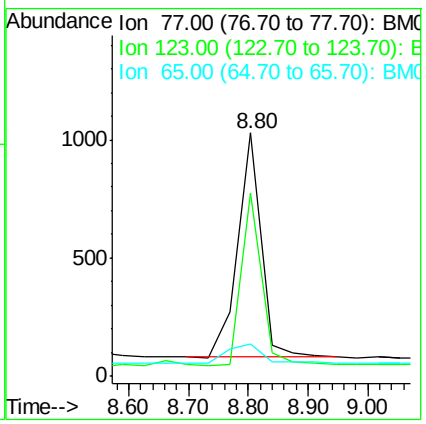


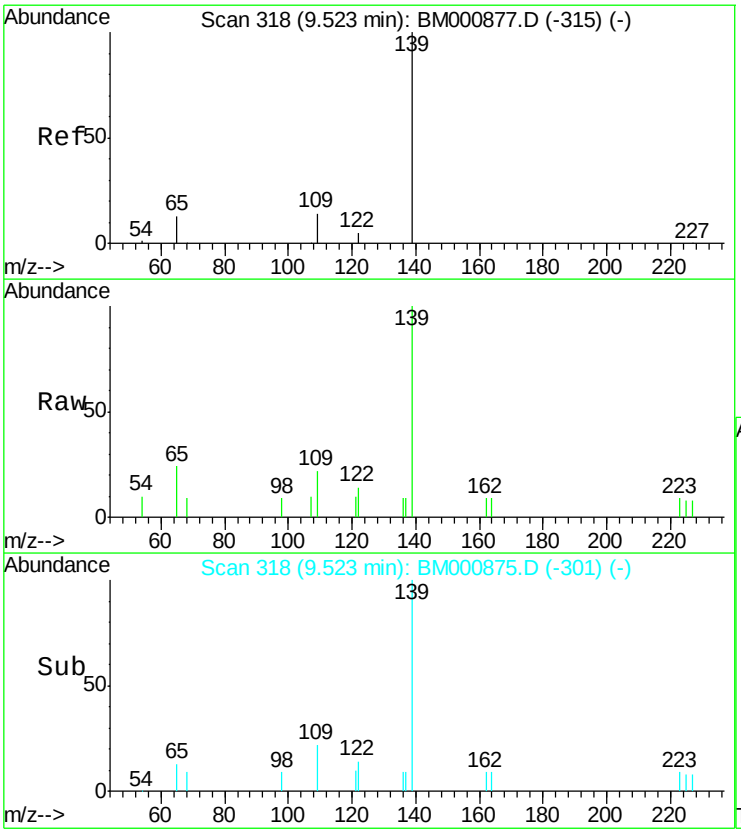
#13
Nitrobenzene
Concen: 0.46 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 77 Resp: 2595

Ion	Ratio	Lower	Upper
77	100		
123	75.4	64.0	96.0
65	13.1	8.7	13.1#

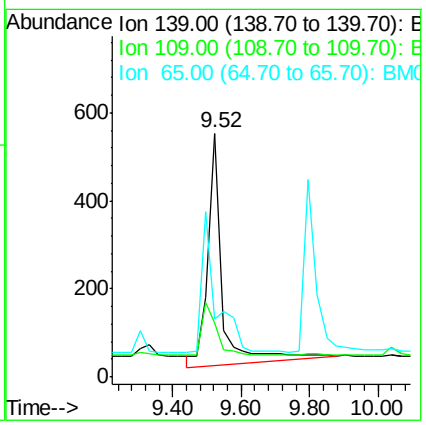


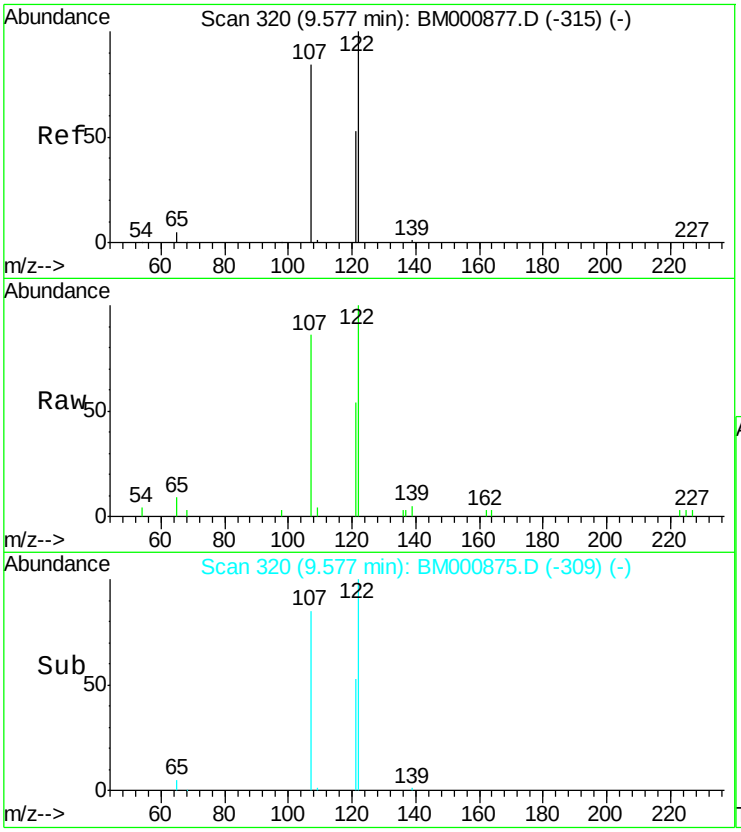


#14
2-Nitrophenol
Concen: 0.54 ng
RT: 9.52 min Scan# 318
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:139 Resp: 1603

Ion	Ratio	Lower	Upper
139	100		
109	22.4	15.8	23.8
65	23.5	16.2	24.2



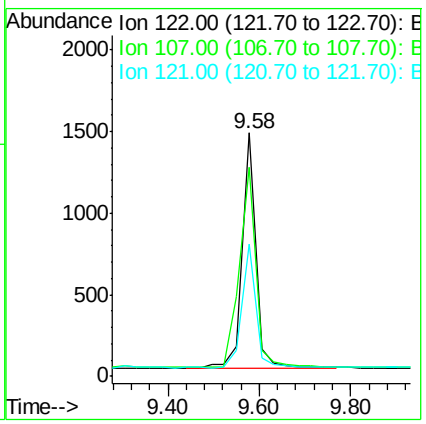


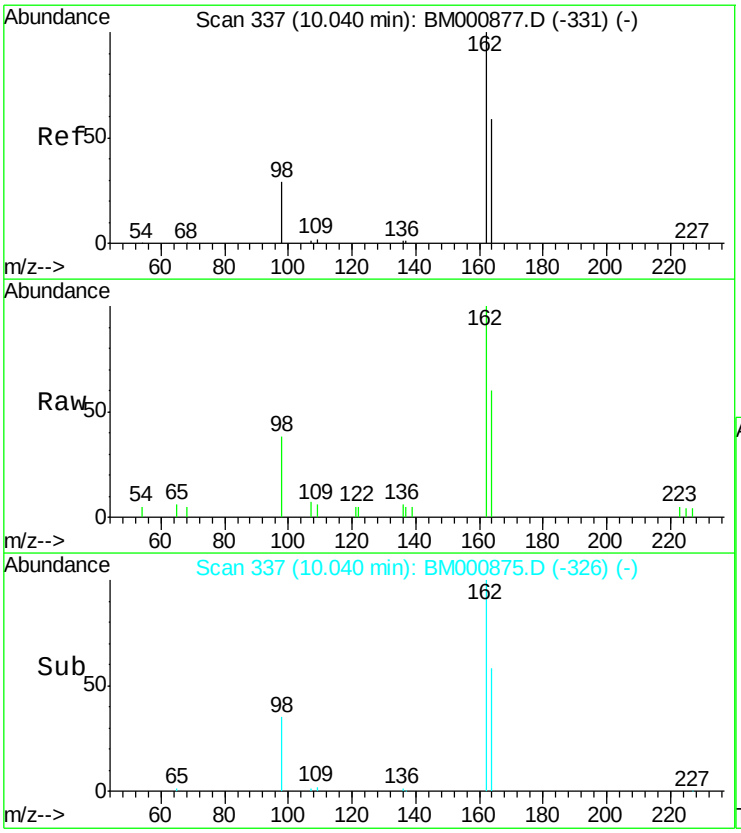
#15
2,4-Dimethylphenol
Concen: 0.51 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:122 Resp: 2993

Ion	Ratio	Lower	Upper
122	100		
107	85.9	67.4	101.2
121	54.5	43.5	65.3

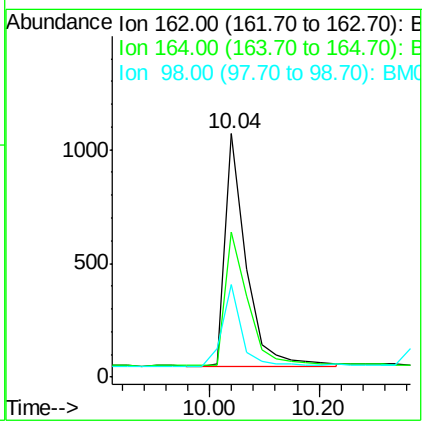


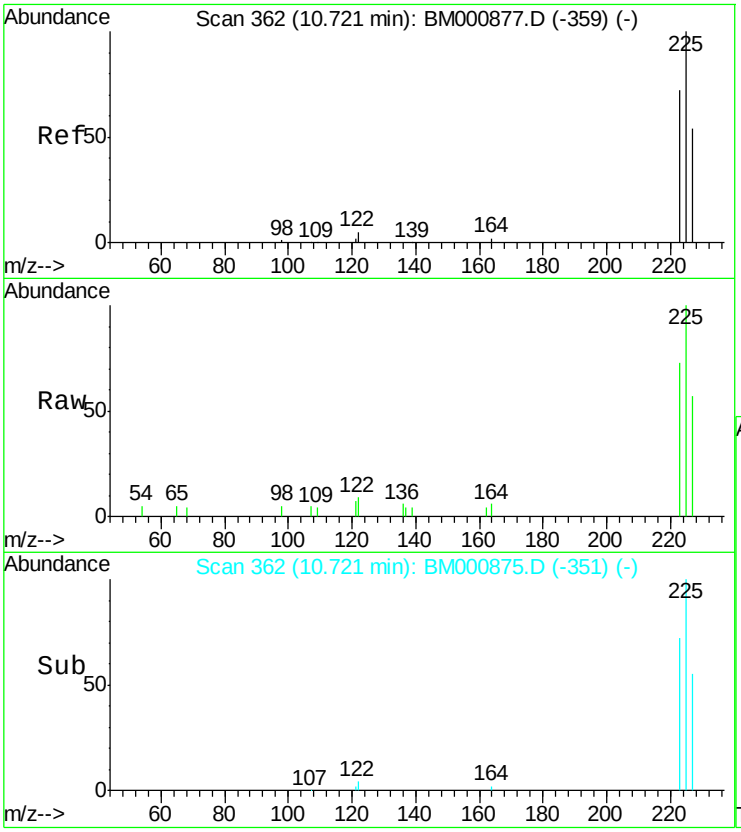


#16
2,4-Dichlorophenol
Concen: 0.52 ng
RT: 10.04 min Scan# 337
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:162 Resp: 2732

Ion	Ratio	Lower	Upper
162	100		
164	59.7	39.9	79.9
98	38.0	11.3	51.3



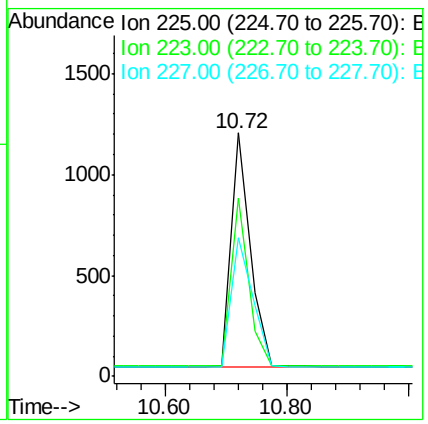


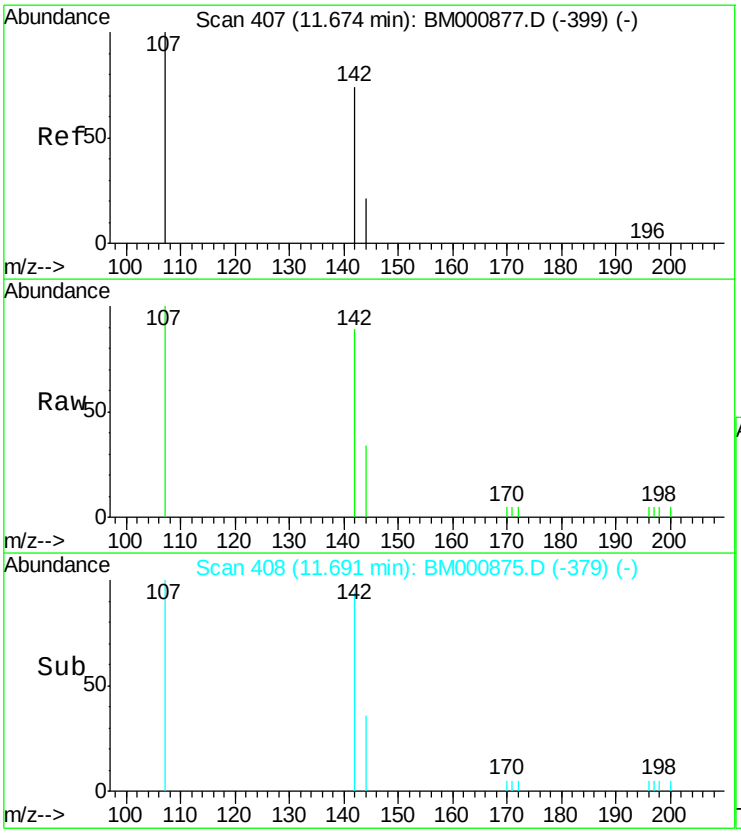
#17
Hexachlorobutadiene
Concen: 0.61 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:225 Resp: 2517

Ion	Ratio	Lower	Upper
225	100		
223	73.2	58.3	87.5
227	56.8	44.5	66.7

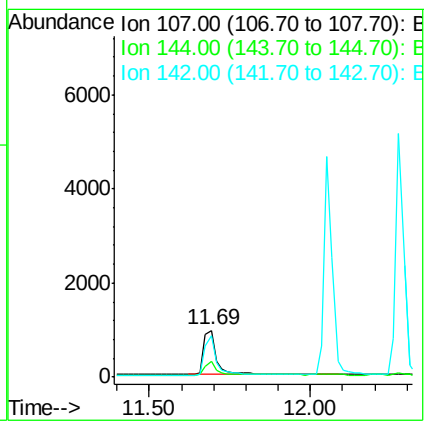


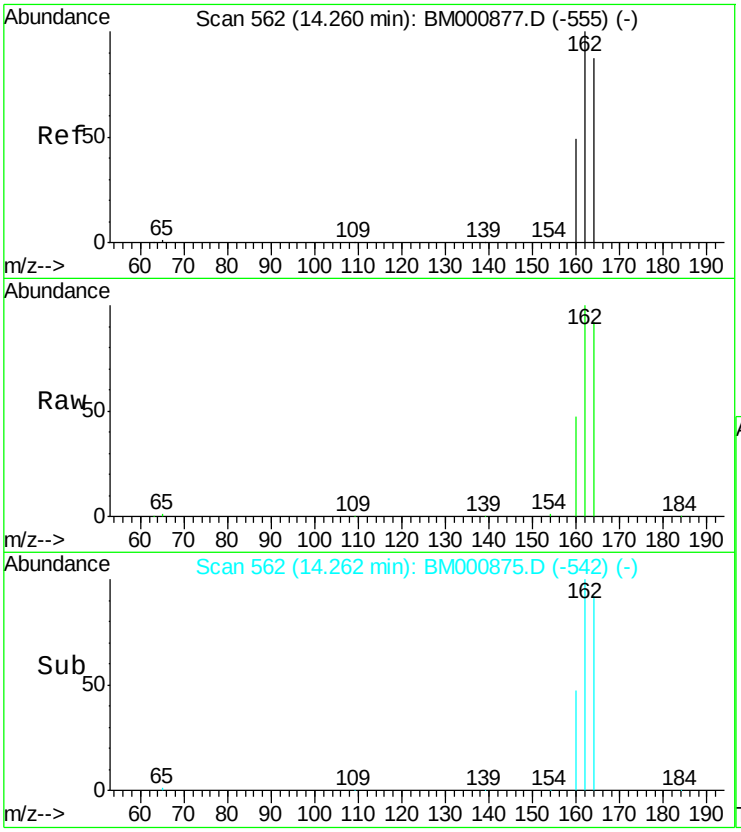


#18
4-Chloro-3-methylphenol
Concen: 0.52 ng
RT: 11.69 min Scan# 408
Delta R.T. 0.02 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:107 Resp: 2720

Ion	Ratio	Lower	Upper
107	100		
144	33.8	18.4	27.6#
142	89.4	59.9	89.9



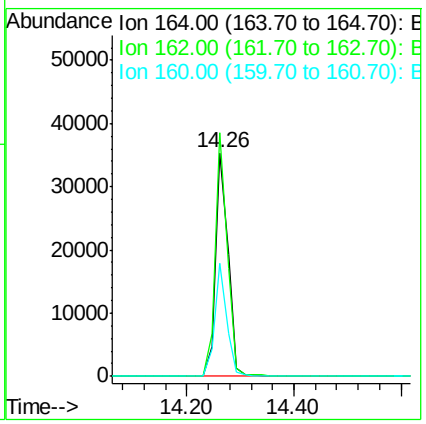


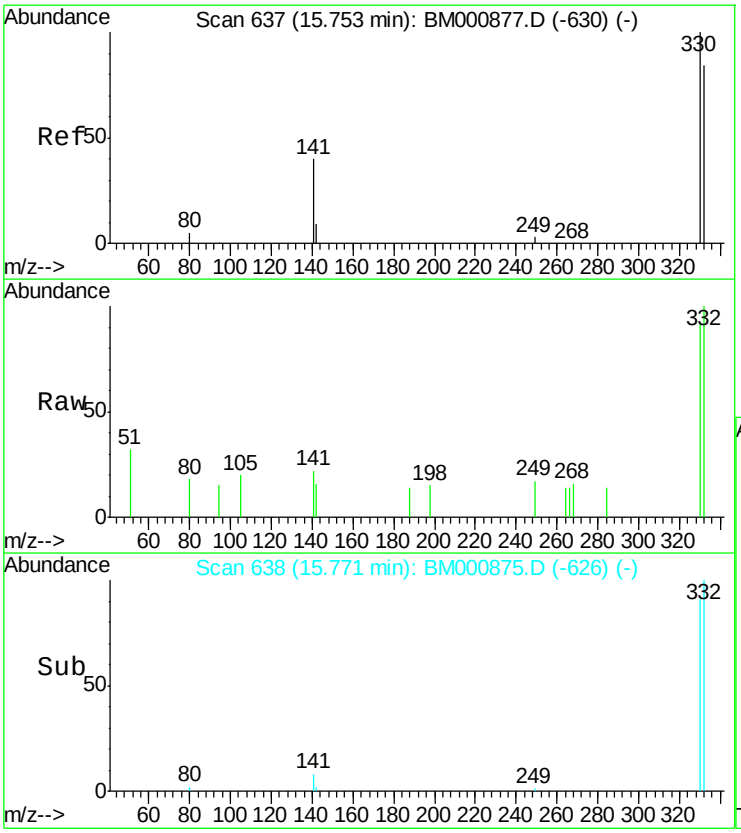
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 56996

Ion	Ratio	Lower	Upper
164	100		
162	109.1	91.8	137.6
160	50.9	44.6	67.0

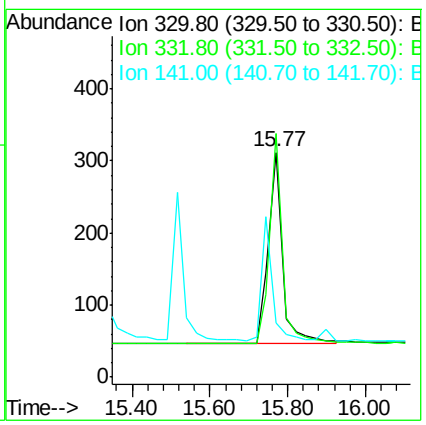


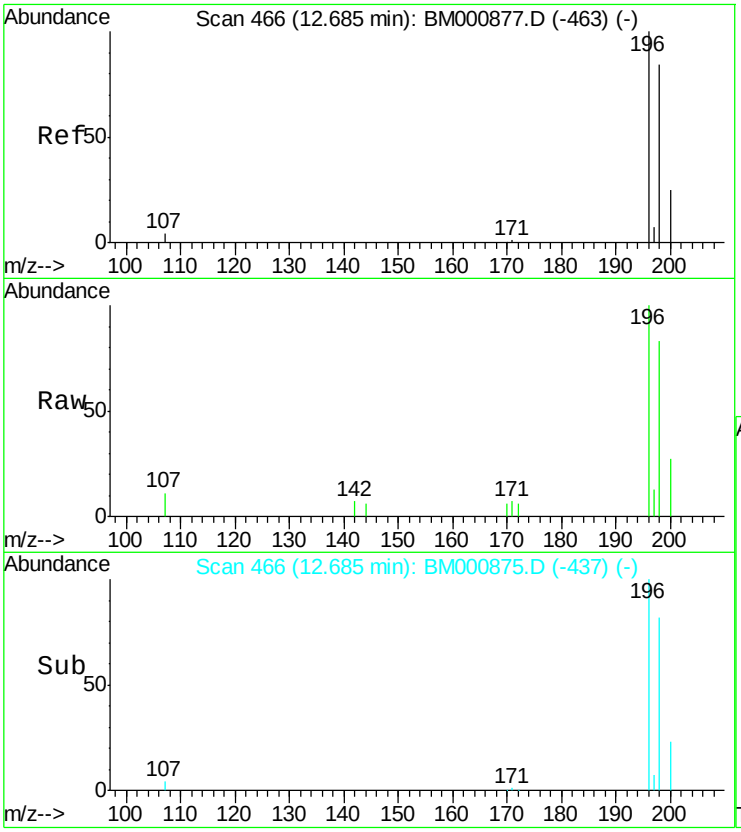


#20
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:330 Resp: 667

Ion	Ratio	Lower	Upper
330	100		
332	99.9	72.6	109.0
141	0.0	29.8	44.6#



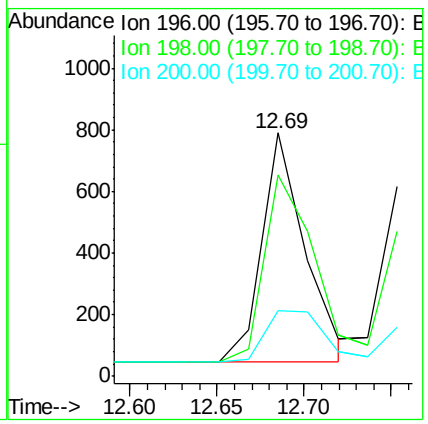


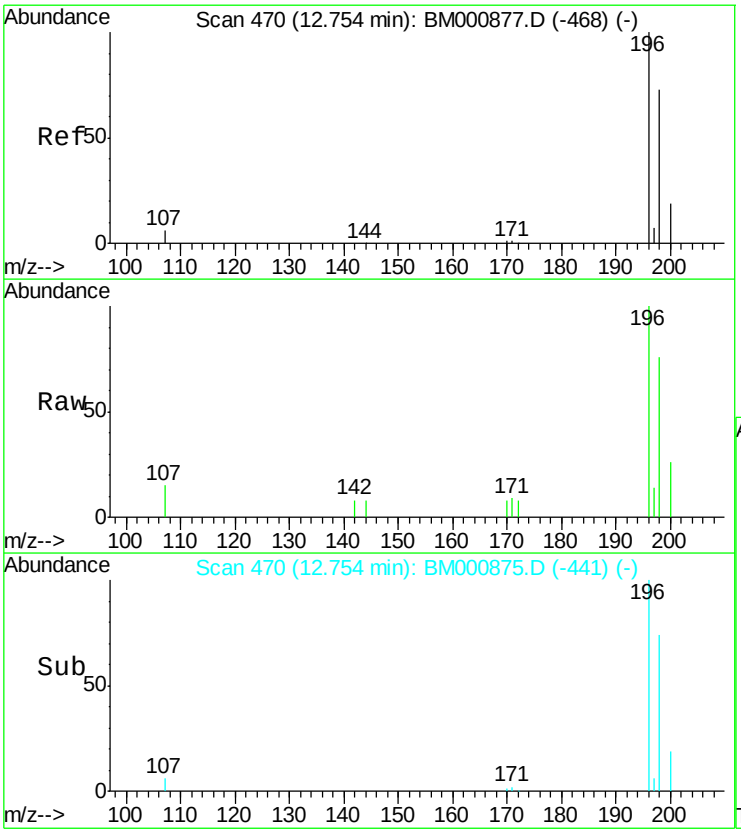
#21
2,4,6-Trichlorophenol
Concen: 0.44 ng
RT: 12.69 min Scan# 466
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:196 Resp: 1279

Ion	Ratio	Lower	Upper
196	100		
198	82.8	67.5	101.3
200	27.2	22.1	33.1

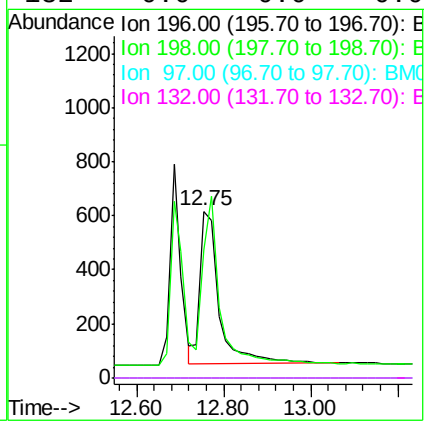


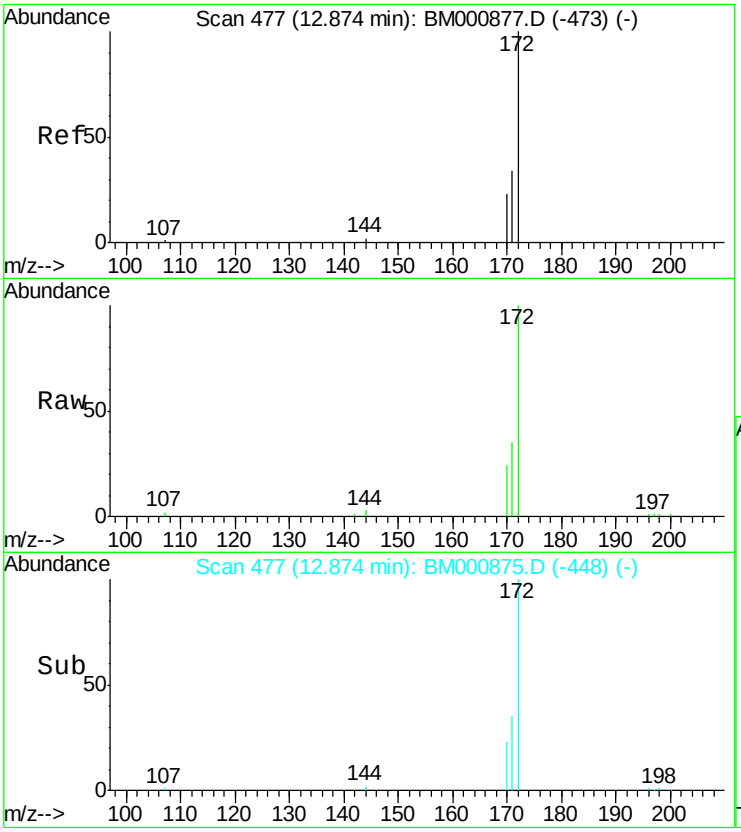


#22
2,4,5-Trichlorophenol
Concen: 0.48 ng
RT: 12.75 min Scan# 470
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:196 Resp: 1736

Ion	Ratio	Lower	Upper
196	100		
198	76.3	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0



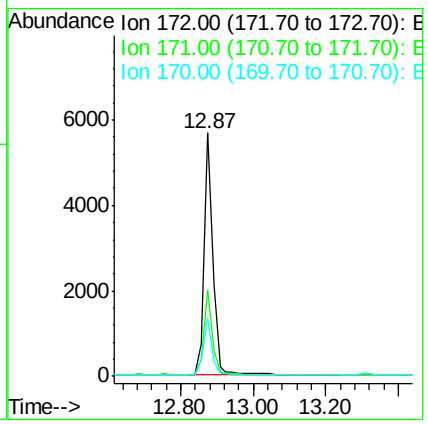


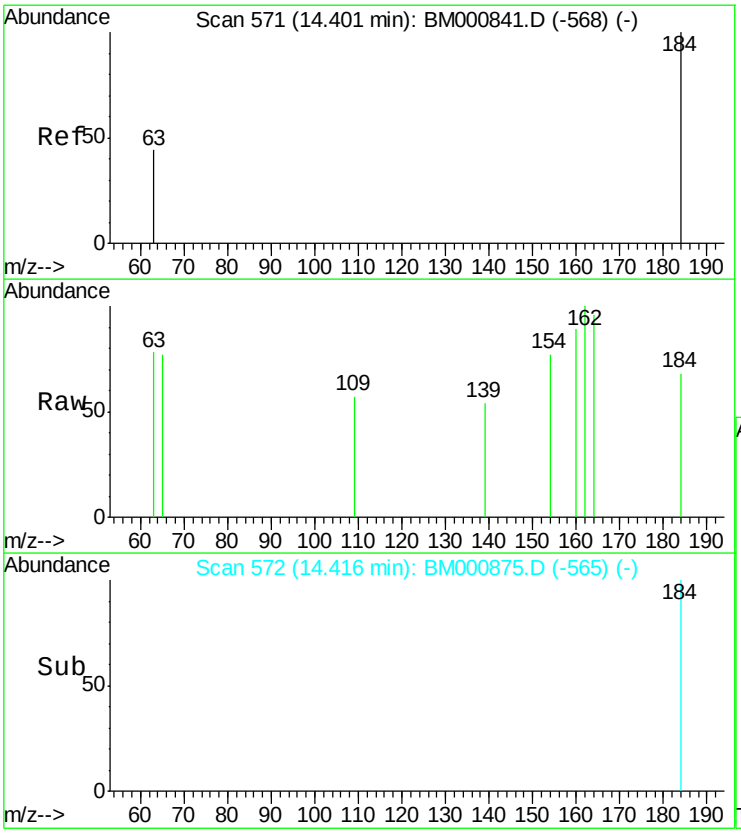
#23
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 9125

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	24.1	19.0	28.6

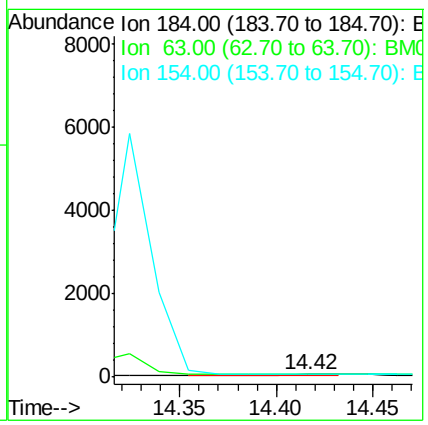


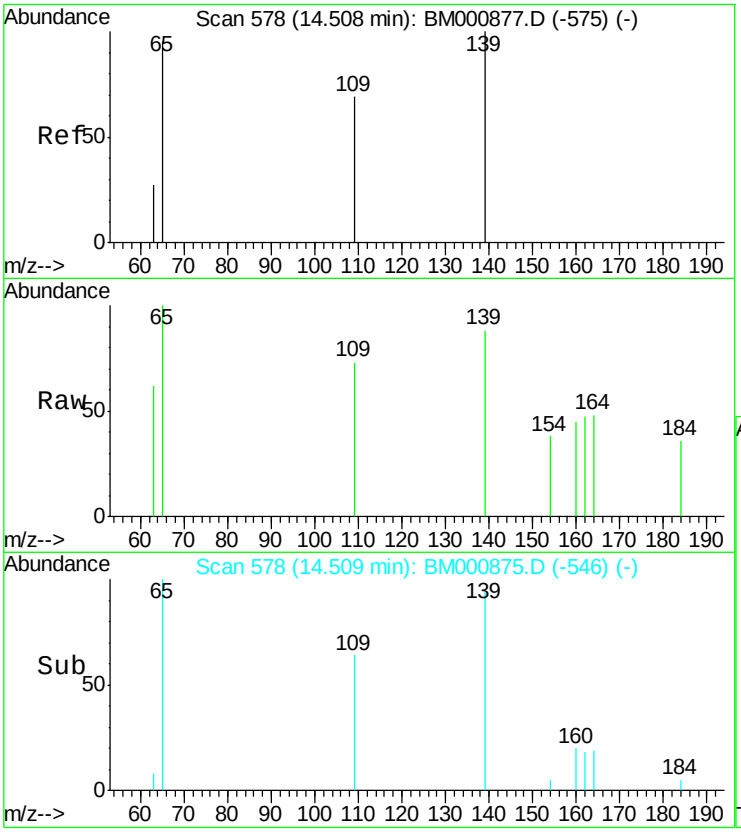


#24
2,4-Dinitrophenol
Concen: 0.05 ng
RT: 14.42 min Scan# 572
Delta R.T. 0.02 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:184 Resp: 26

Ion	Ratio	Lower	Upper
184	100		
63	114.8	62.7	94.1#
154	113.1	63.6	95.4#



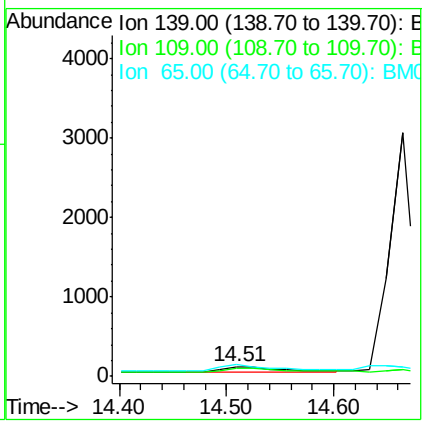


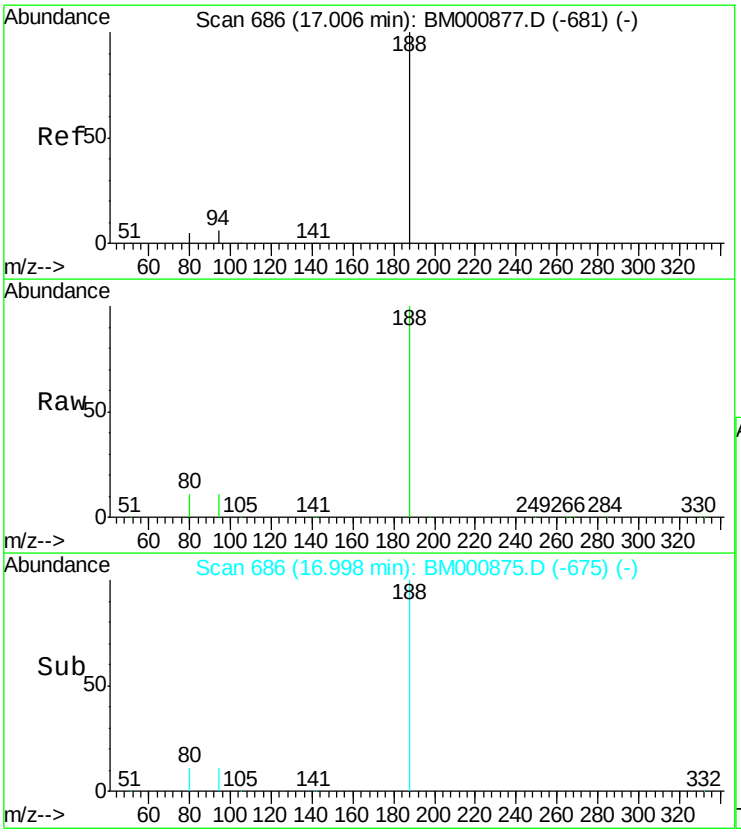
#25
4-Nitrophenol
Concen: 0.28 ng
RT: 14.51 min Scan# 578
Delta R.T. 0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:139 Resp: 296

Ion	Ratio	Lower	Upper
139	100		
109	82.5	58.4	98.4
65	113.5	87.7	127.7

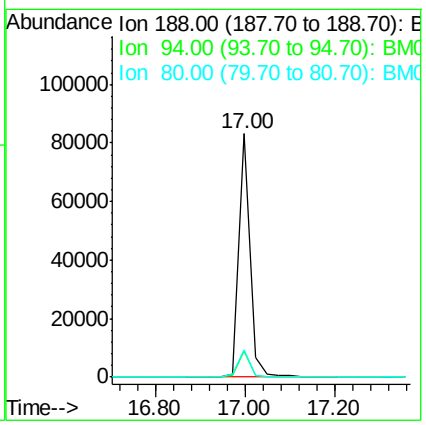


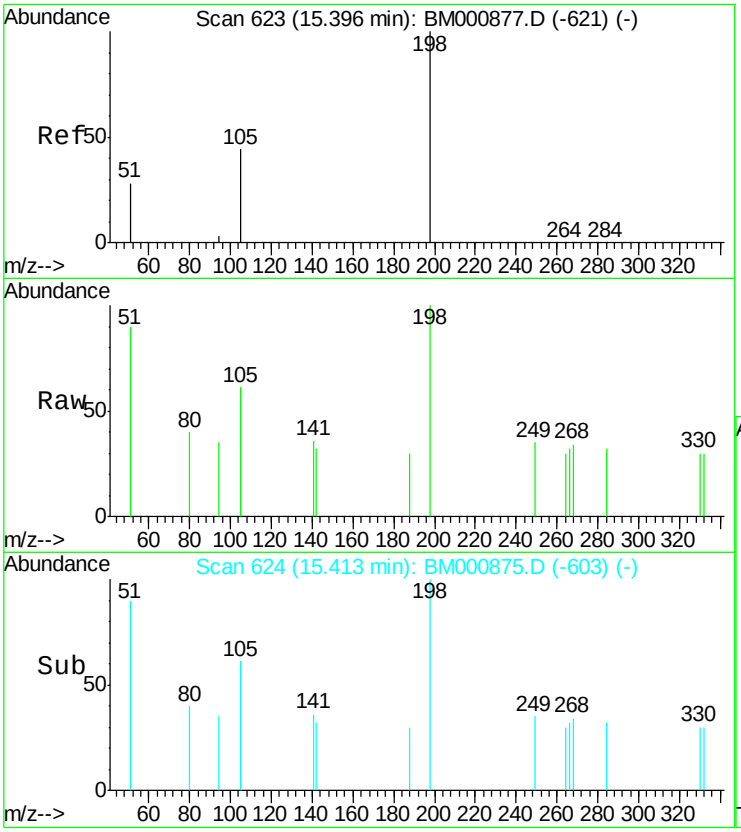


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:188 Resp: 142239

Ion	Ratio	Lower	Upper
188	100		
94	10.7	4.9	7.3#
80	11.0	4.4	6.6#



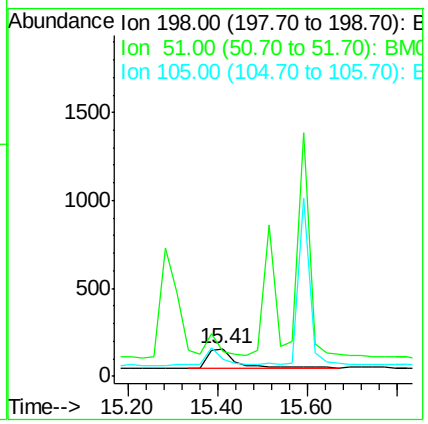


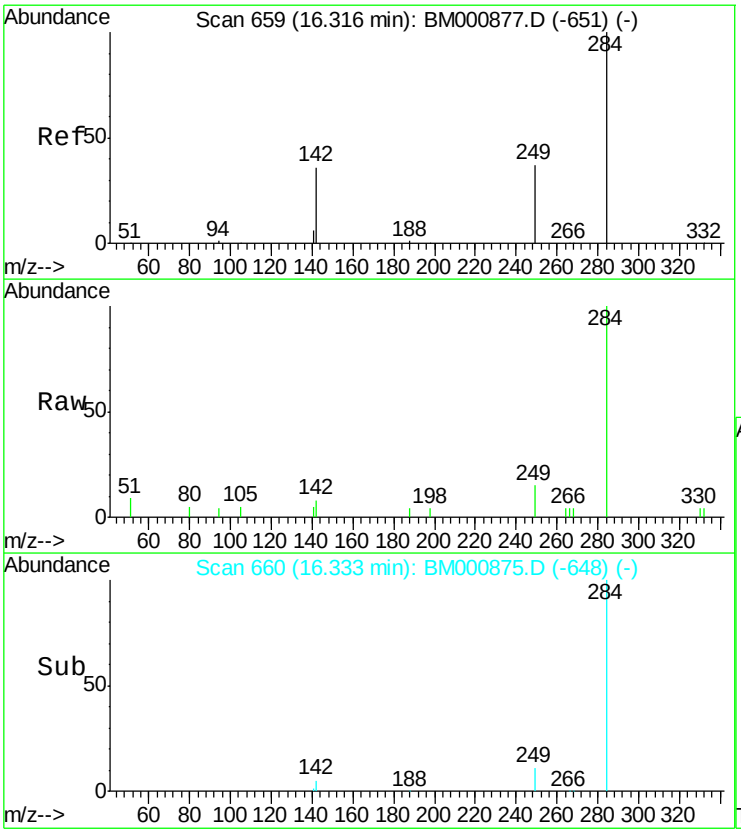
#27
4,6-Dinitro-2-methylphenol
Concen: 0.36 ng
RT: 15.41 min Scan# 624
Delta R.T. 0.02 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:198 Resp: 448

Ion	Ratio	Lower	Upper
198	100		
51	90.3	44.6	84.6#
105	60.6	36.0	76.0

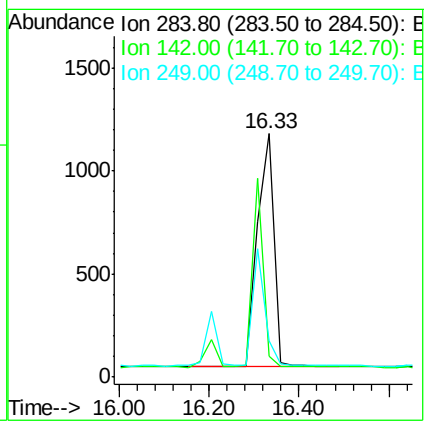


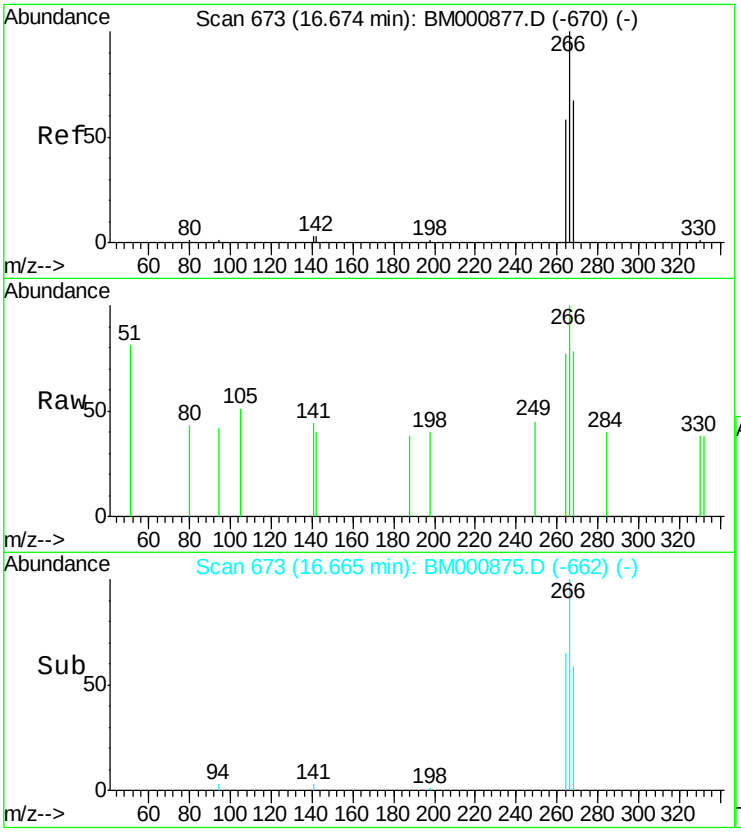


#28
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.02 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:284 Resp: 2903

Ion	Ratio	Lower	Upper
284	100		
142	8.5	29.8	44.8#
249	14.8	31.0	46.4#



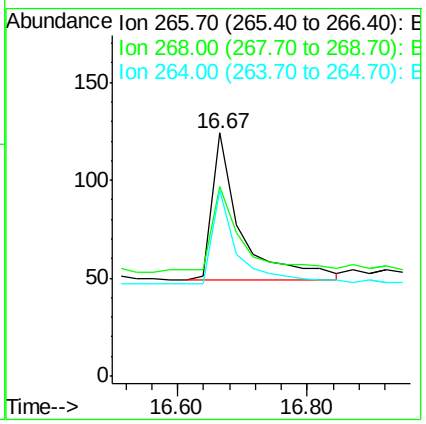


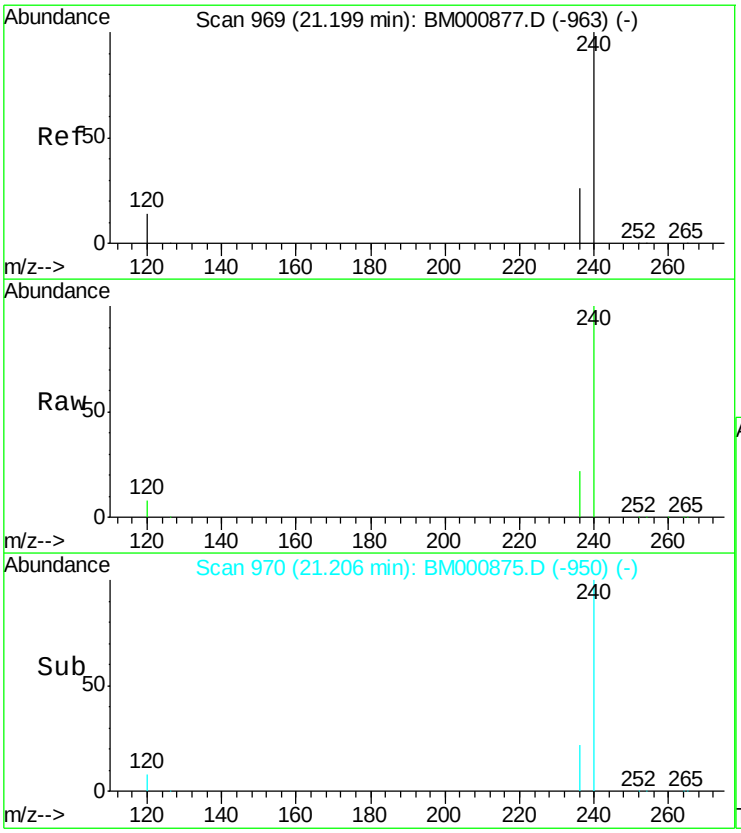
#29
Pentachlorophenol
Concen: 0.18 ng
RT: 16.67 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:266 Resp: 230

Ion	Ratio	Lower	Upper
266	100		
268	78.2	61.8	92.8
264	76.6	53.8	80.6

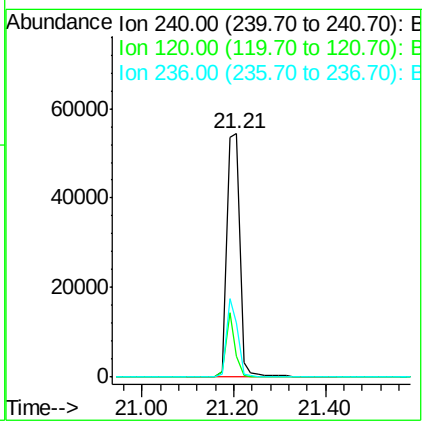


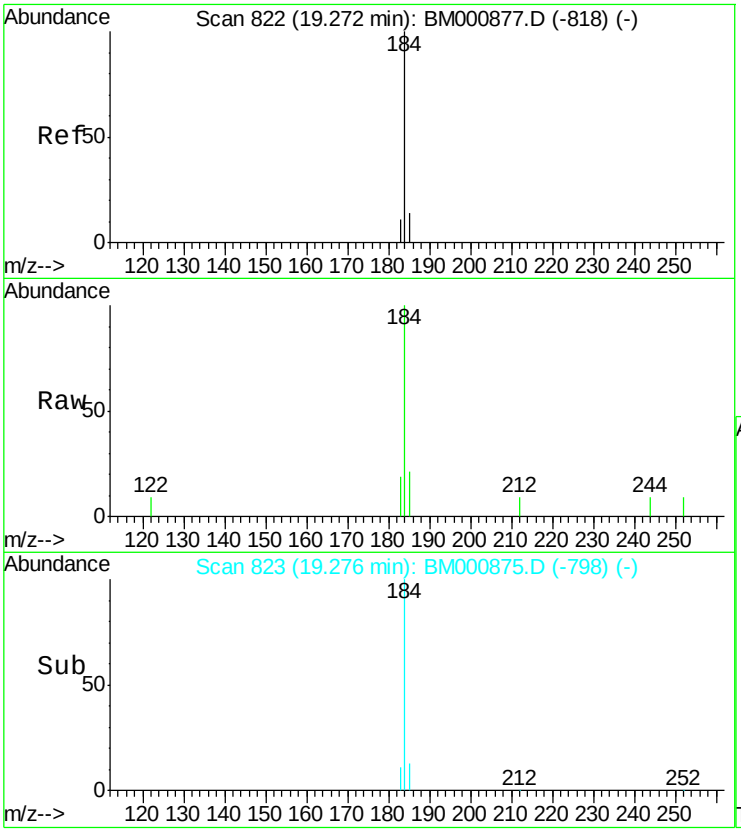


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:240 Resp: 107541

Ion	Ratio	Lower	Upper
240	100		
120	8.3	11.1	16.7#
236	22.0	20.9	31.3



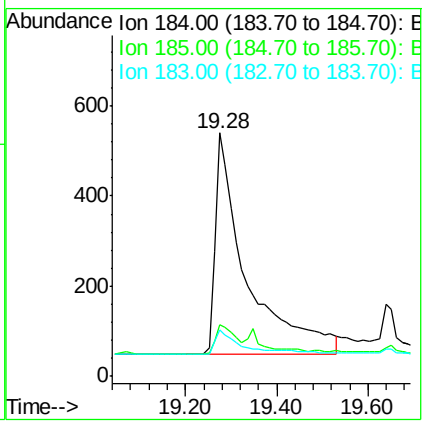


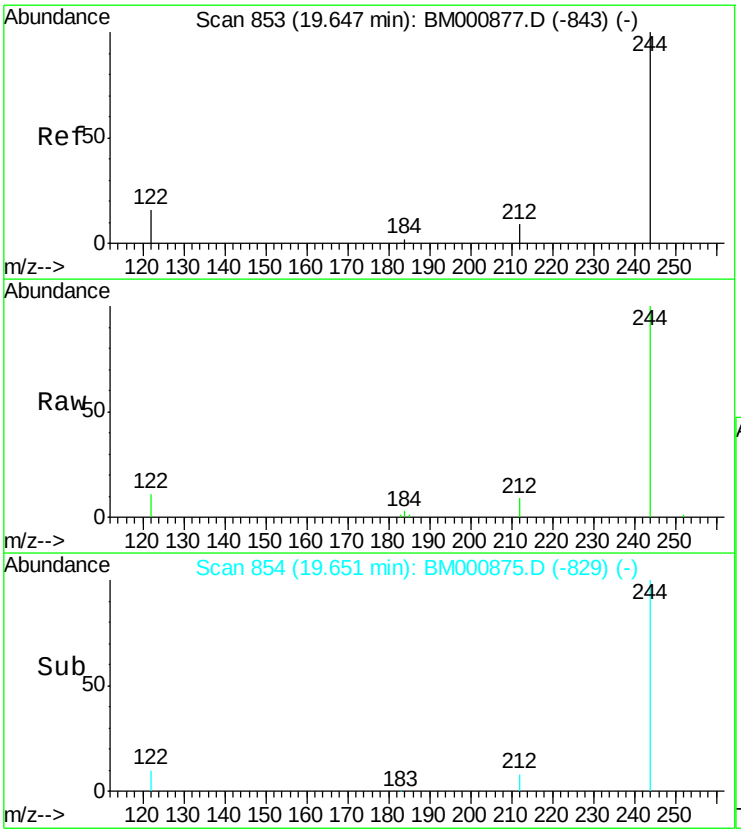
#31
Benzidine
Concen: 0.47 ng
RT: 19.28 min Scan# 823
Delta R.T. 0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:184 Resp: 2336

Ion	Ratio	Lower	Upper
184	100		
185	21.5	14.4	21.6
183	18.9	12.6	19.0

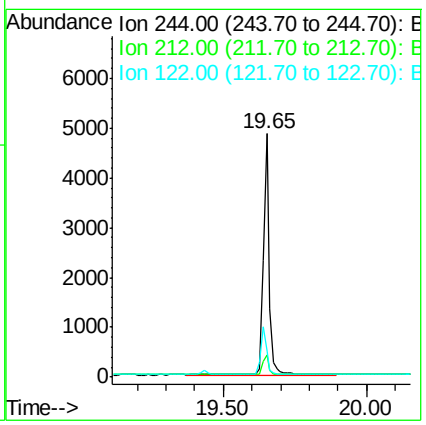


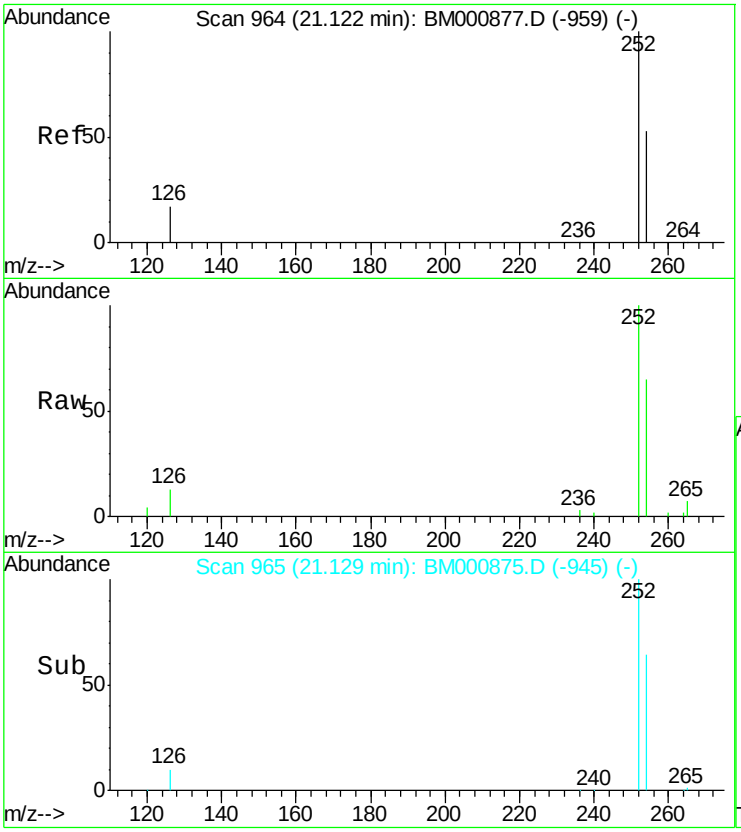


#32
Terphenyl-d14
Concen: 0.52 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:244 Resp: 6776

Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.1	12.1
122	10.7	13.6	20.4#



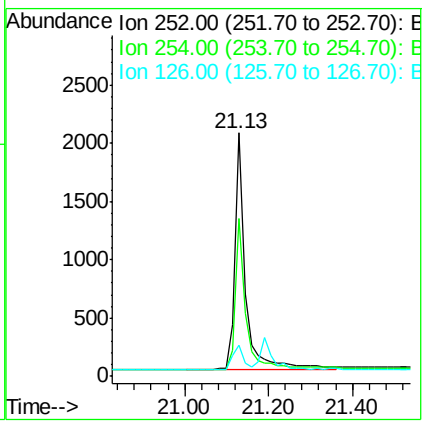


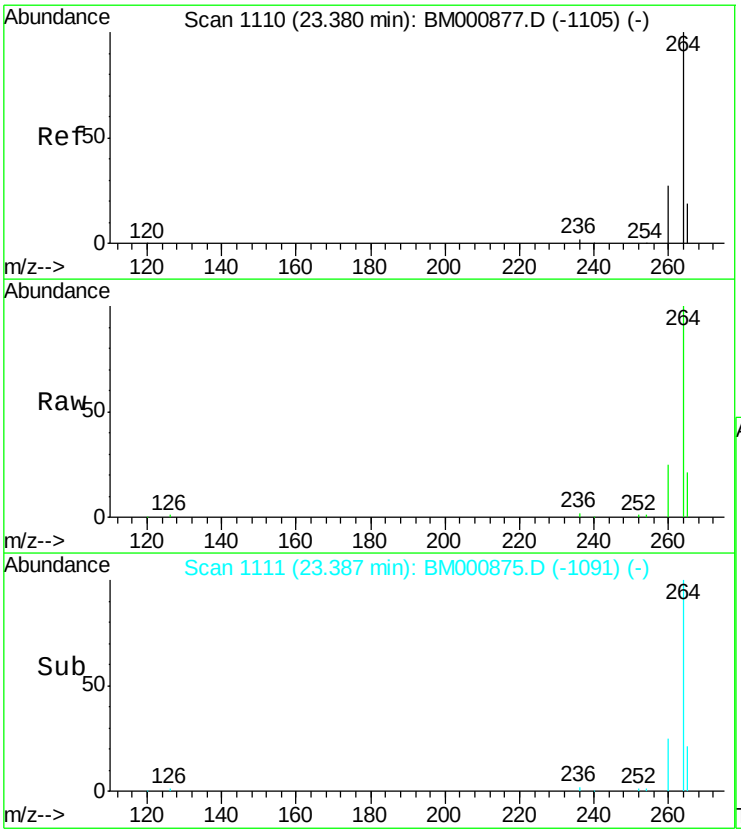
#33
3,3'-Dichlorobenzidine
Concen: 0.49 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000875.D
Acq: 07 Apr 2015 12:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 3613

Ion	Ratio	Lower	Upper
252	100		
254	65.0	43.2	64.8#
126	12.9	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: BM000875.D
Acq: 07 Apr 2015 12:15

Tgt Ion:264 Resp: 100626

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.6	32.4
265	21.3	16.1	24.1