Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040715\
Data File : BM000887.D
Acq On : 07 Apr 2015 19:25
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001EC

Quant Time: Apr 08 01:55:52 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	16742	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	86176	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	47392	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	115632	5.00	ng		0.00
30) Chrysene-d12	21.21	240	85472	5.00	ng		0.00
34) Perylene-d12	23.39	264	77088	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	5627	1.00	ng		0.00
5) Phenol-d6	6.77	99	8916	0.96	ng		0.00
12) Nitrobenzene-d5	8.73	82	4034	0.94	ng		-0.04
20) 2,4,6-Tribromophenol	15.77	330	1192	0.87	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	14625	1.00	ng		0.00
32) Terphenyl-d14	19.65	244	10562	1.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	2791	1.05	ng		98
3) n-Nitrosodimethylamine	3.43	42	2524	0.97	ng	#	48
6) 2-Chlorophenol	7.17	128	7105	0.96	ng		95
7) Phenol	6.81	94	6221	0.89	ng		98
8) bis(2-Chloroethyl)ether	7.02	93	7139	0.97	ng		84
9) 2-Methylphenol	8.06	107	4887	0.95	ng		96
10) 3+4-Methylphenols	8.38	107	6533	0.94	ng		97
13) Nitrobenzene	8.80	77	3950	0.91	ng		86
14) 2-Nitrophenol	9.52	139	2415	0.99	ng		97
15) 2,4-Dimethylphenol	9.58	122	4786	0.97	ng		98
16) 2,4-Dichlorophenol	10.04	162	4724	0.93	ng		96
17) Hexachlorobutadiene	10.72	225	4007	1.02	ng		99
18) 4-Chloro-3-methylphenol	11.67	107	4548	0.95	ng		99
21) 2,4,6-Trichlorophenol	12.69	196	2518	0.87	ng		97
22) 2,4,5-Trichlorophenol	12.75	196	3302	0.90	ng		94
25) 4-Nitrophenol	14.49	139	660	0.93	ng		91
27) 4,6-Dinitro-2-methylphenol	15.39	198	801	0.78	ng	#	48
28) Hexachlorobenzene	16.33	284	4549	0.88	ng	#	53
29) Pentachlorophenol	16.67	266	580	0.91	ng		94
31) Benzidine	19.28	184	3912	1.00	ng		98
33) 3,3'-Dichlorobenzidine	21.13	252	5943	1.01	ng	#	85

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

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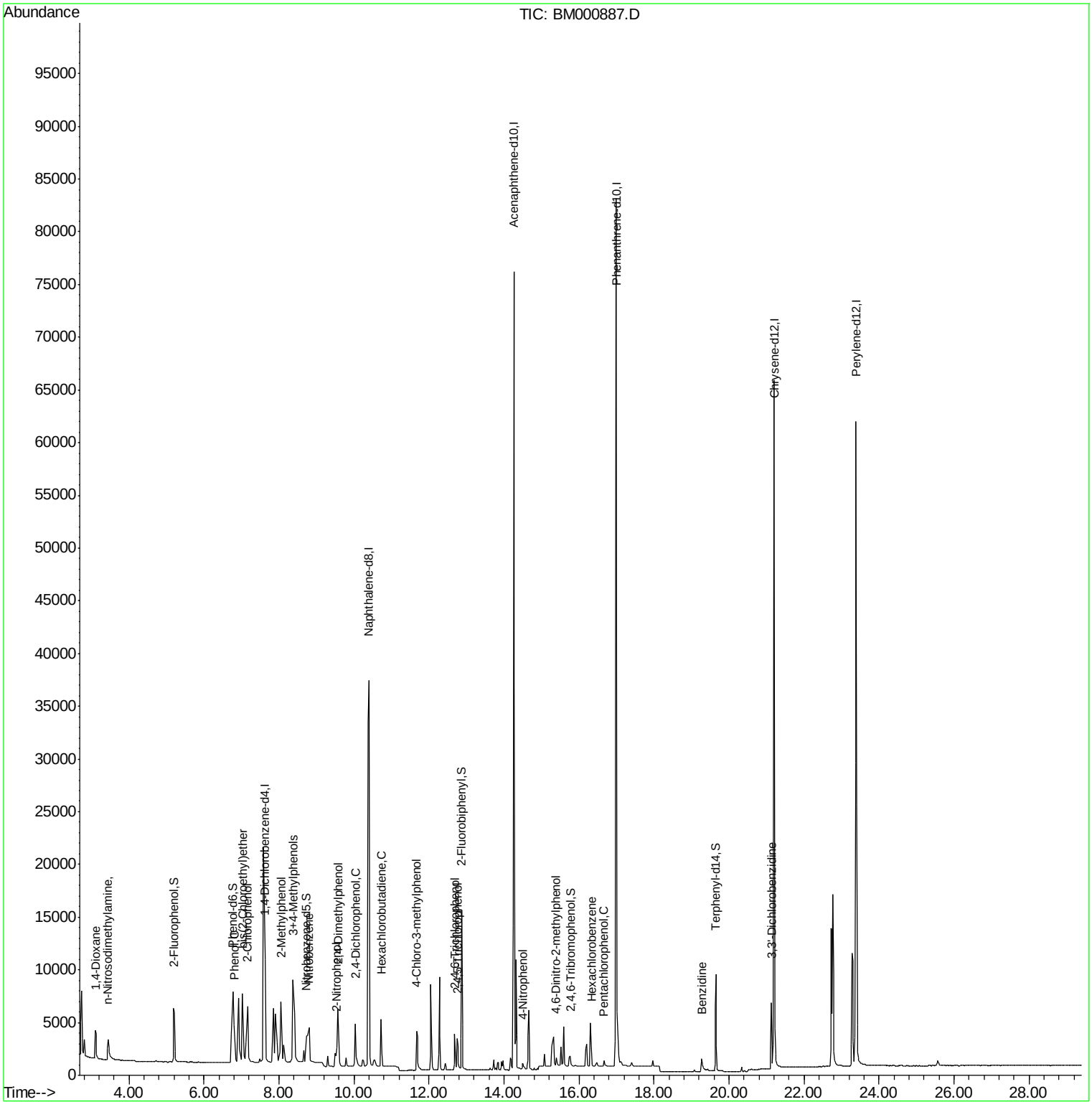
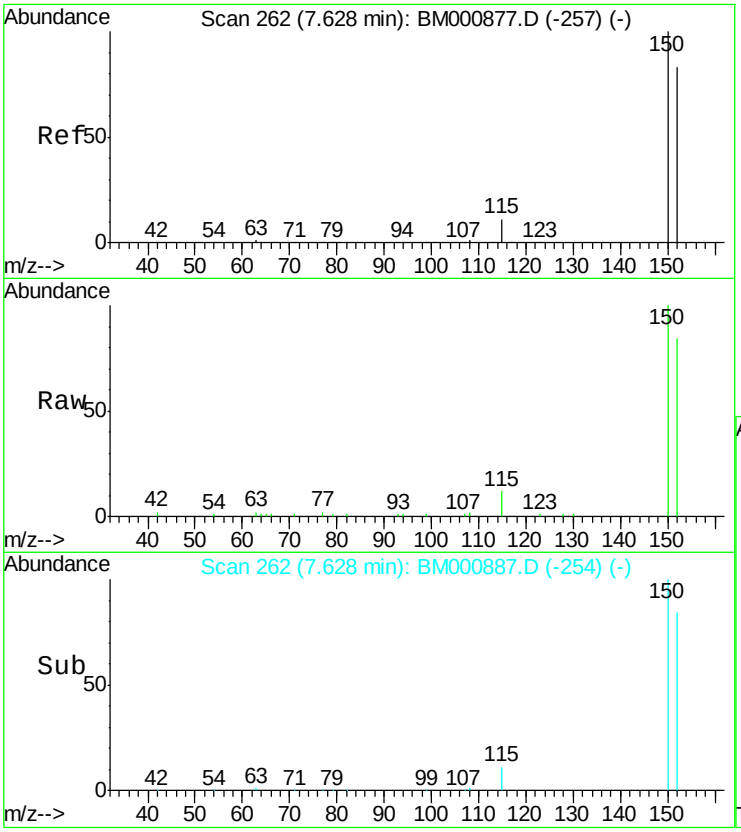


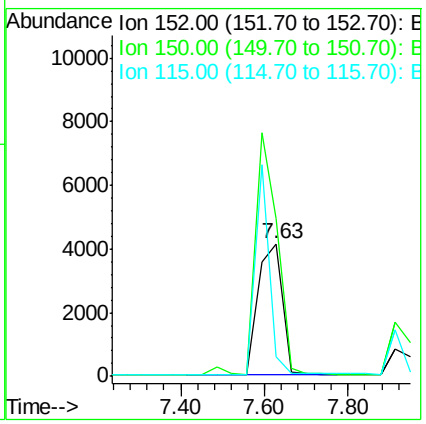


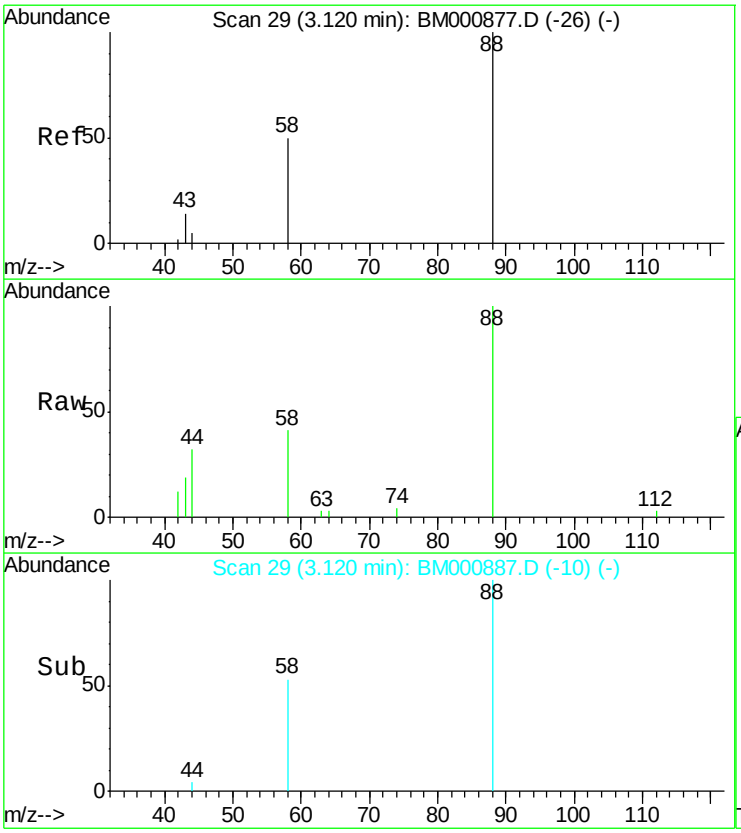
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 16742

Ion	Ratio	Lower	Upper
152	100		
150	119.0	96.5	144.7
115	14.6	11.9	17.9

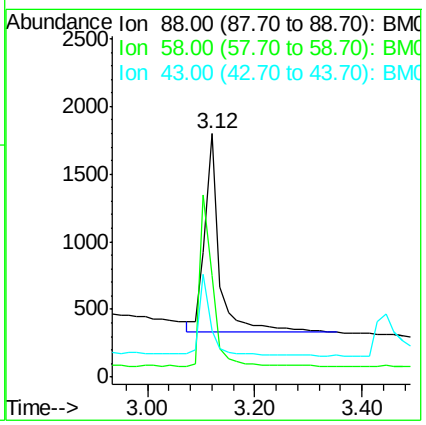


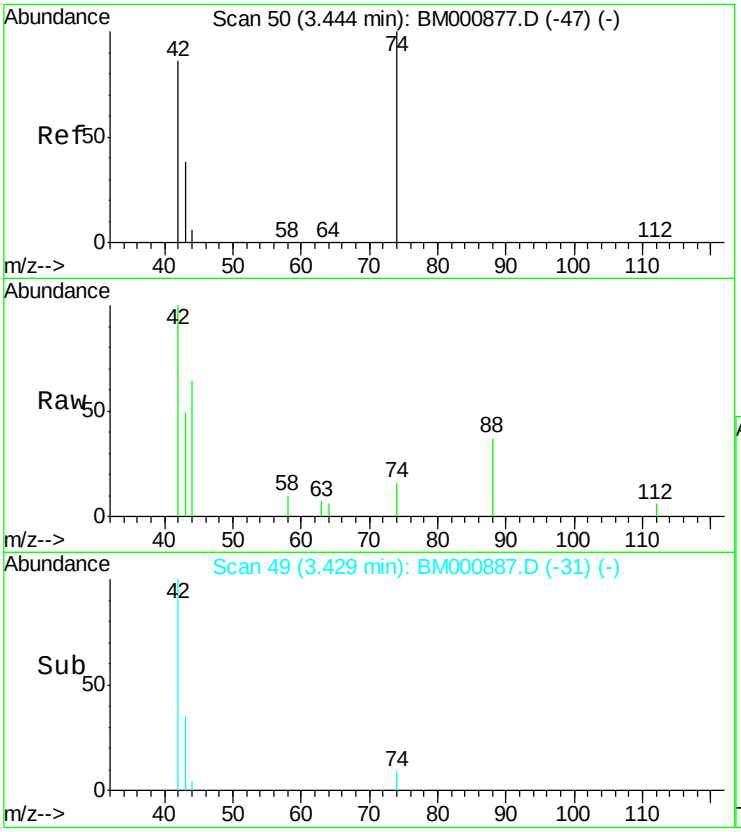


#2
1,4-Dioxane
Concen: 1.05 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion: 88 Resp: 2791

Ion	Ratio	Lower	Upper
88	100		
58	72.9	56.7	85.1
43	31.9	25.0	37.6



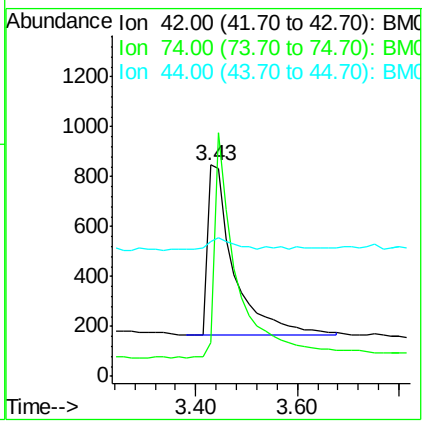


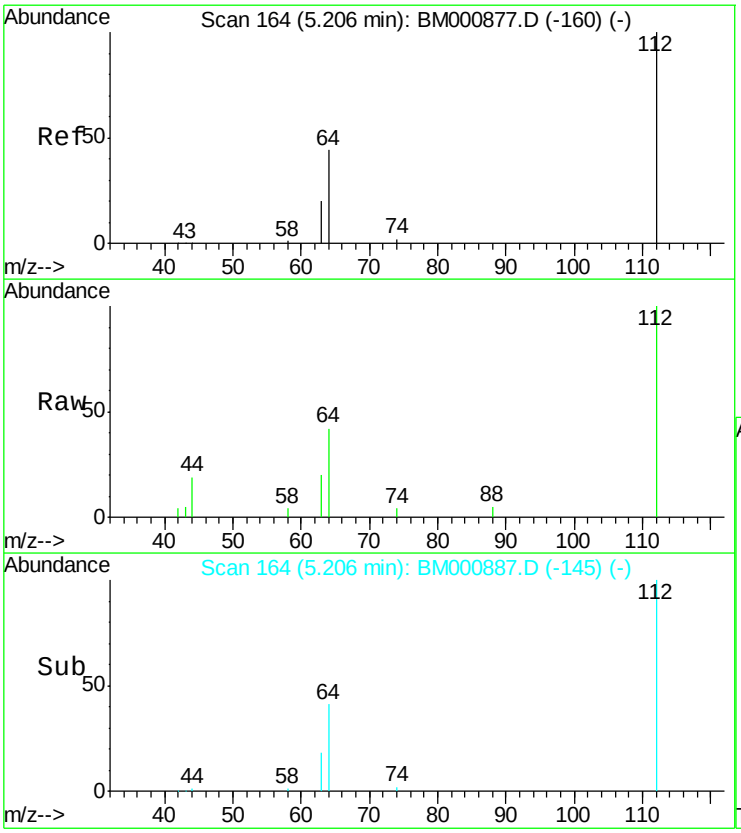
#3
n-Nitrosodimethylamine
Concen: 0.97 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.02 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 2524

Ion	Ratio	Lower	Upper
42	100		
74	15.7	81.0	121.4#
44	64.2	53.3	79.9

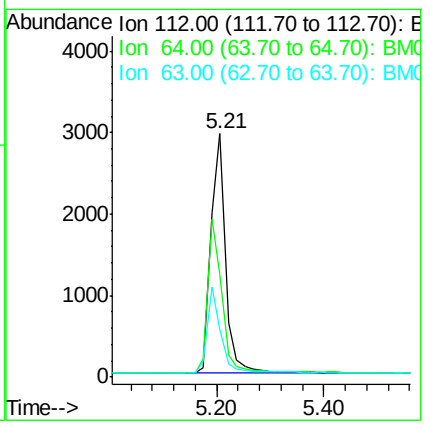


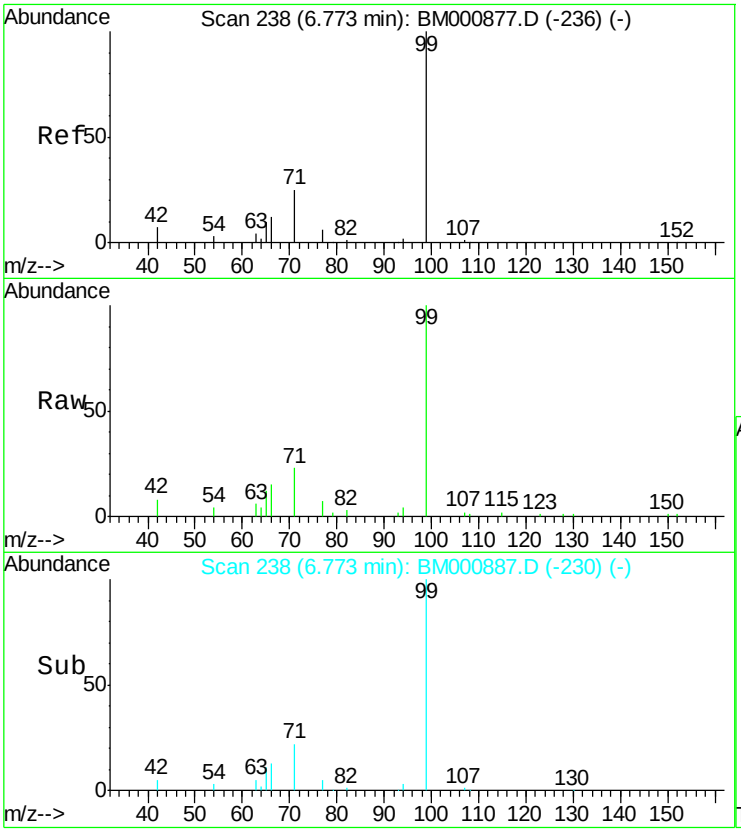


#4
2-Fluorophenol
Concen: 1.00 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:112 Resp: 5627

Ion	Ratio	Lower	Upper
112	100		
64	42.3	35.7	53.5
63	19.9	17.0	25.4



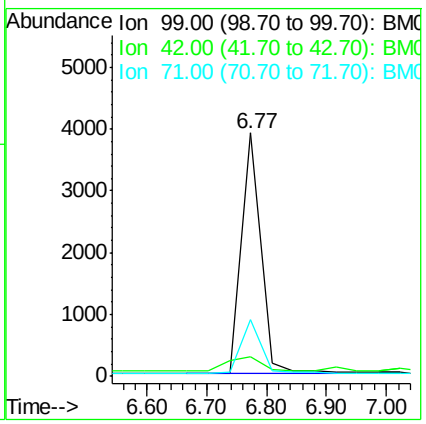


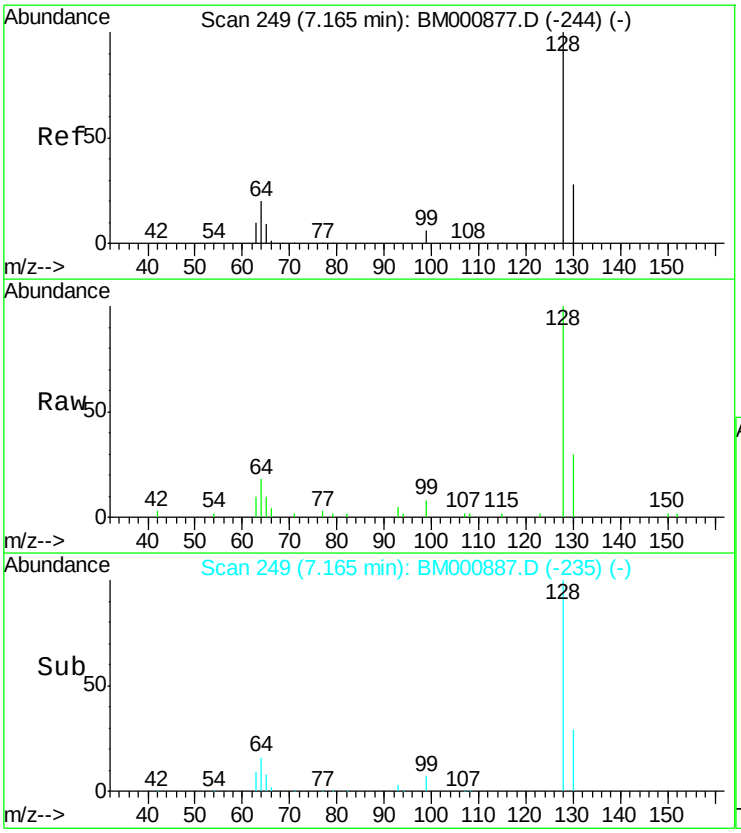
#5
Phenol-d6
Concen: 0.96 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 8916

Ion	Ratio	Lower	Upper
99	100		
42	7.9	7.5	11.3
71	23.3	21.3	31.9

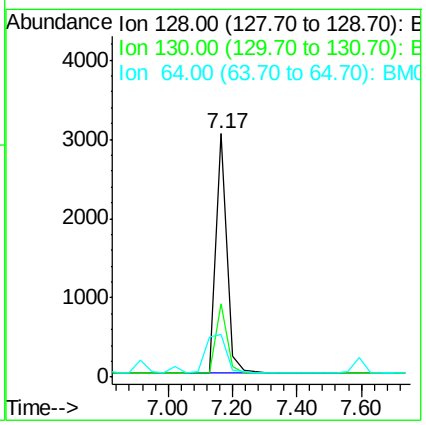


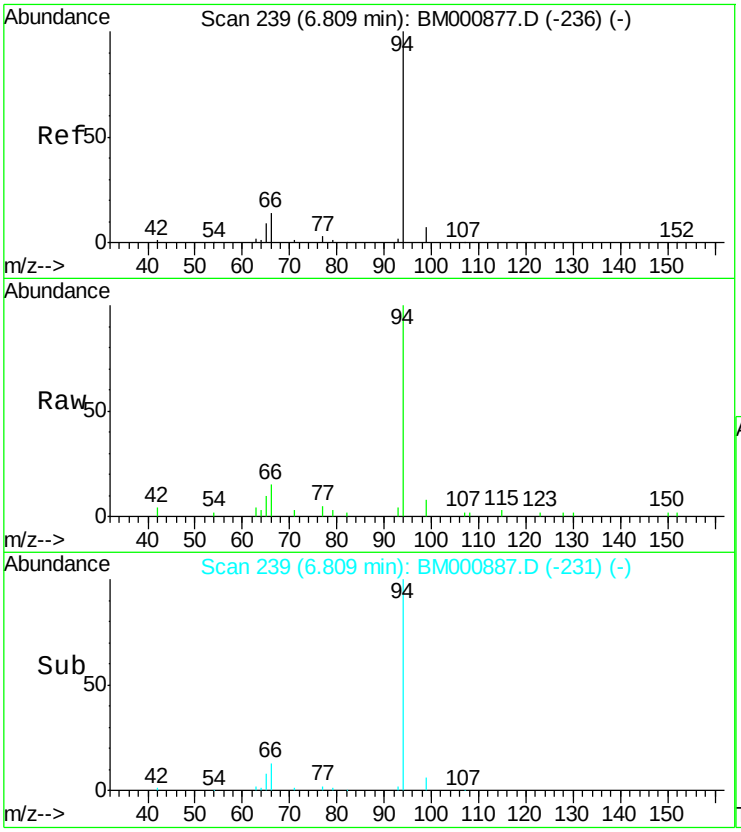


#6
2-Chlorophenol
Concen: 0.96 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:128 Resp: 7105

Ion	Ratio	Lower	Upper
128	100		
130	30.0	9.4	49.4
64	17.6	2.1	42.1



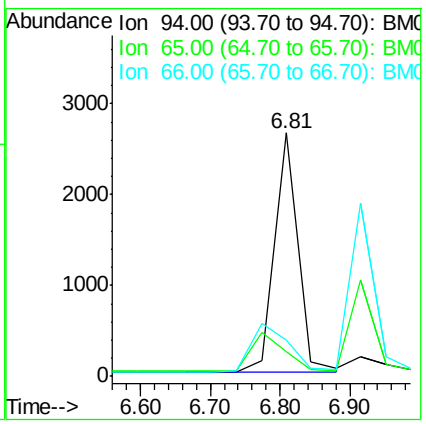


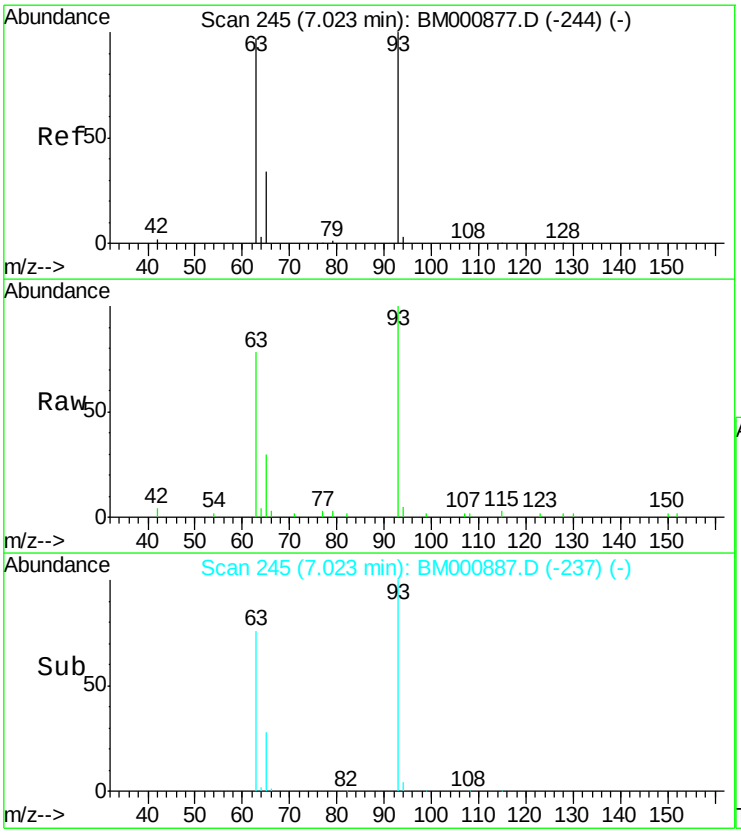
#7
Phenol
Concen: 0.89 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 94 Resp: 6221

Ion	Ratio	Lower	Upper
94	100		
65	10.3	0.0	30.9
66	15.1	0.0	35.8

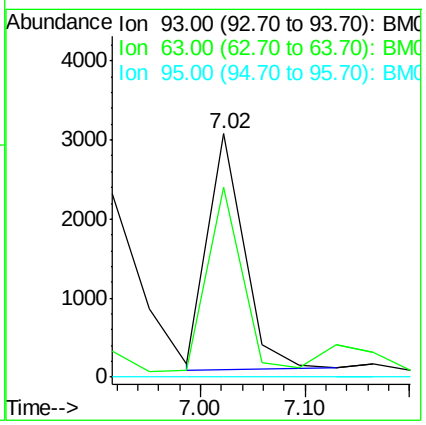


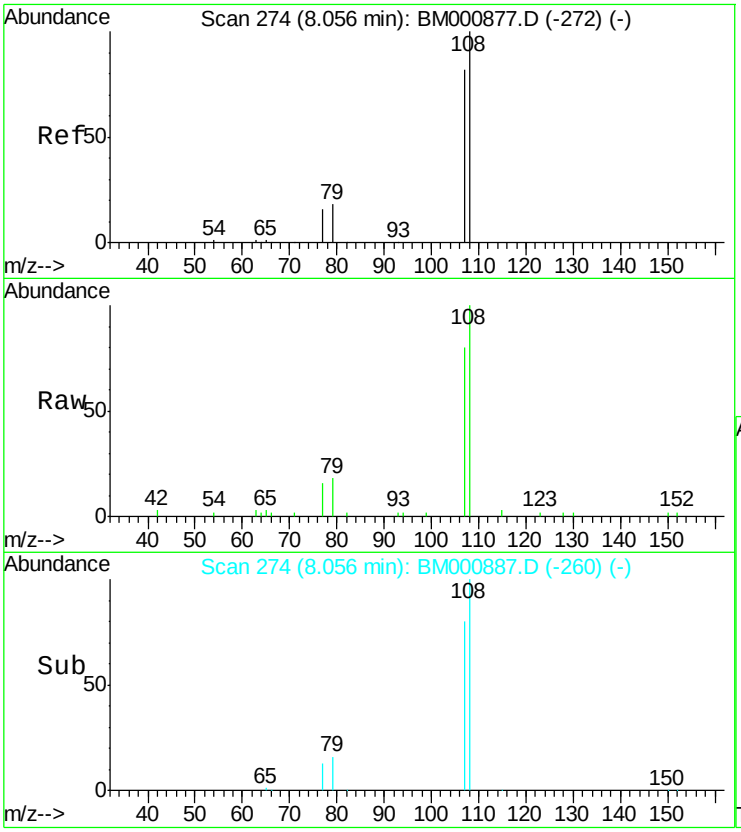


#8
bis(2-Chloroethyl)ether
Concen: 0.97 ng
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion: 93 Resp: 7139

Ion	Ratio	Lower	Upper
93	100		
63	77.9	73.3	113.3
95	0.0	0.0	20.0



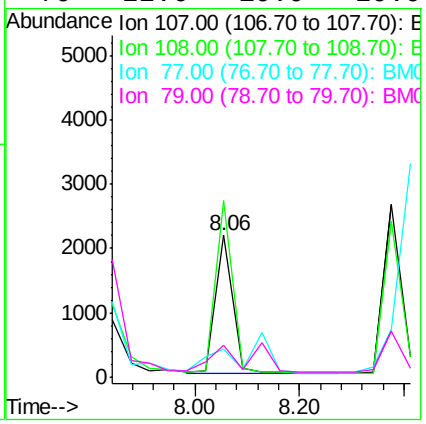


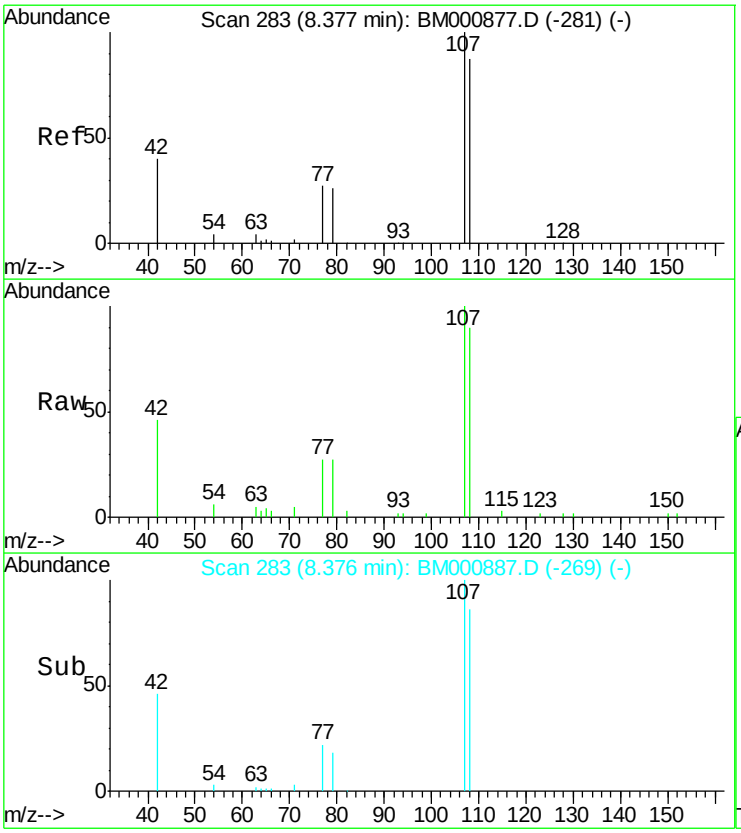
#9
2-Methylphenol
Concen: 0.95 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:107 Resp: 4887

Ion	Ratio	Lower	Upper
107	100		
108	124.5	96.7	145.1
77	20.0	18.3	27.5
79	22.6	19.9	29.9

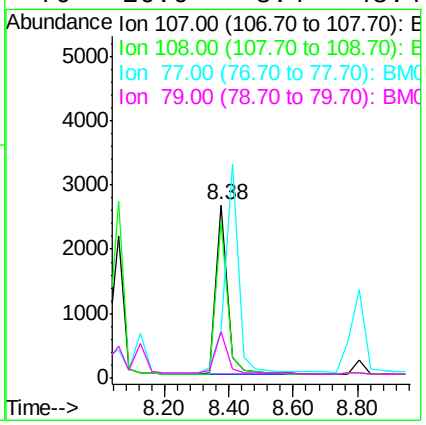


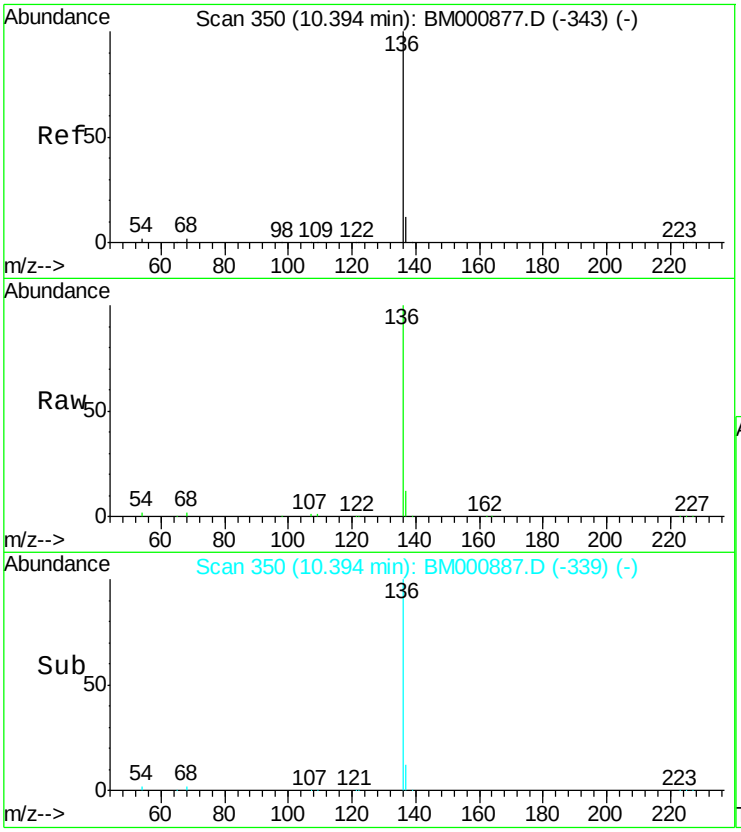


#10
3+4-Methylphenols
Concen: 0.94 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:107 Resp: 6533

Ion	Ratio	Lower	Upper
107	100		
108	90.2	67.6	107.6
77	27.4	10.0	50.0
79	26.6	8.4	48.4



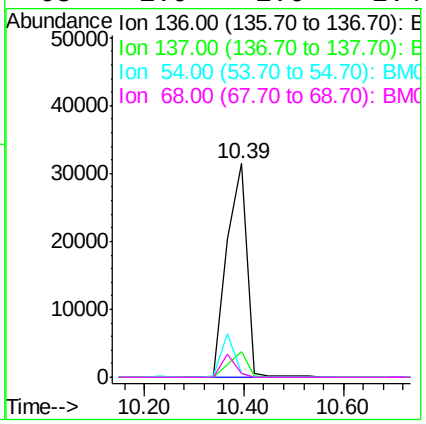


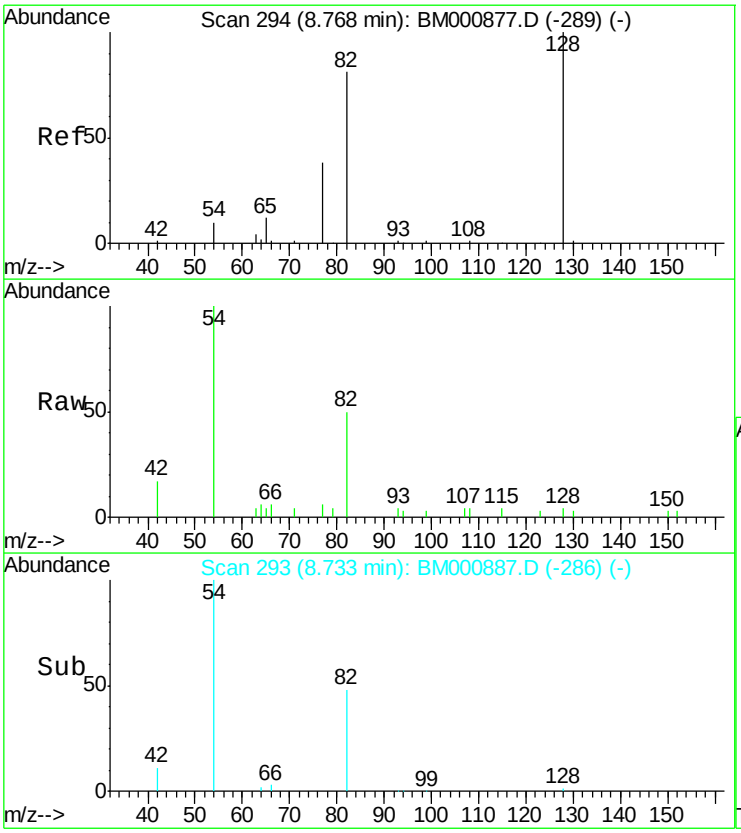
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:136 Resp: 86176

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	1.8	1.5	2.3
68	1.9	1.6	2.4

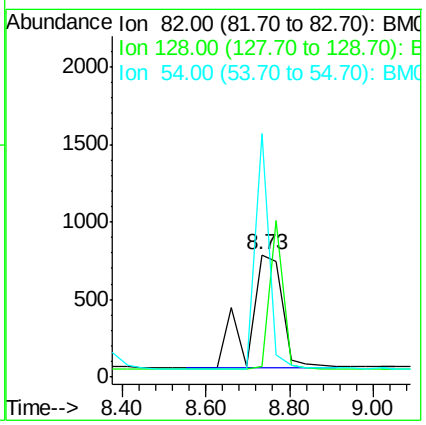


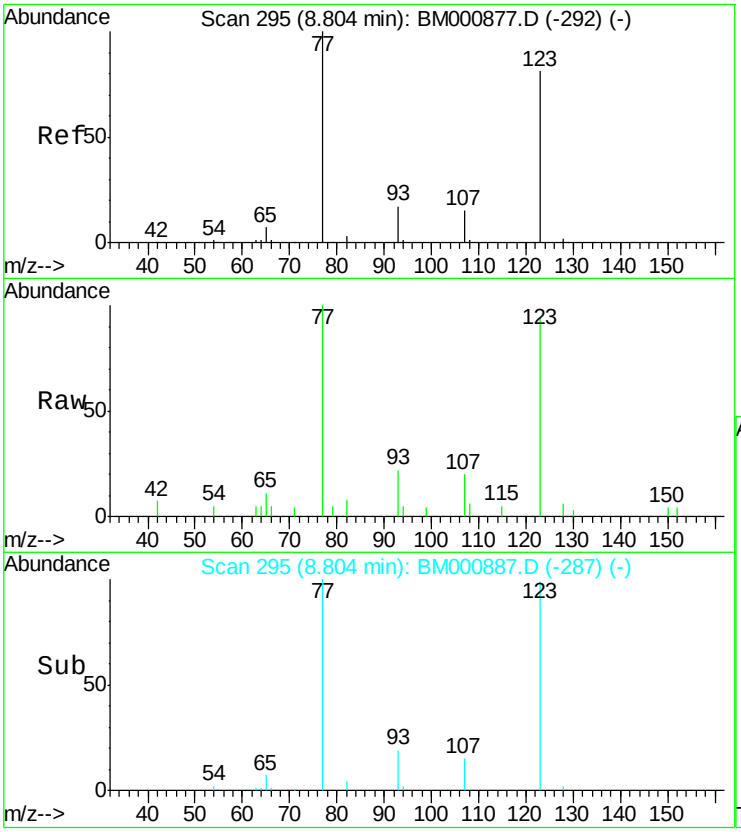


#12
Nitrobenzene-d5
Concen: 0.94 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.04 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion: 82 Resp: 4034

Ion	Ratio	Lower	Upper
82	100		
128	8.3	96.2	144.2#
54	199.4	15.0	22.6#



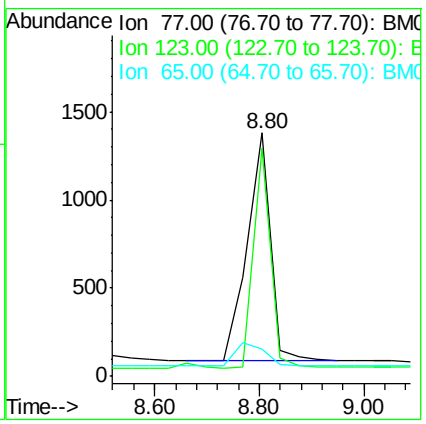


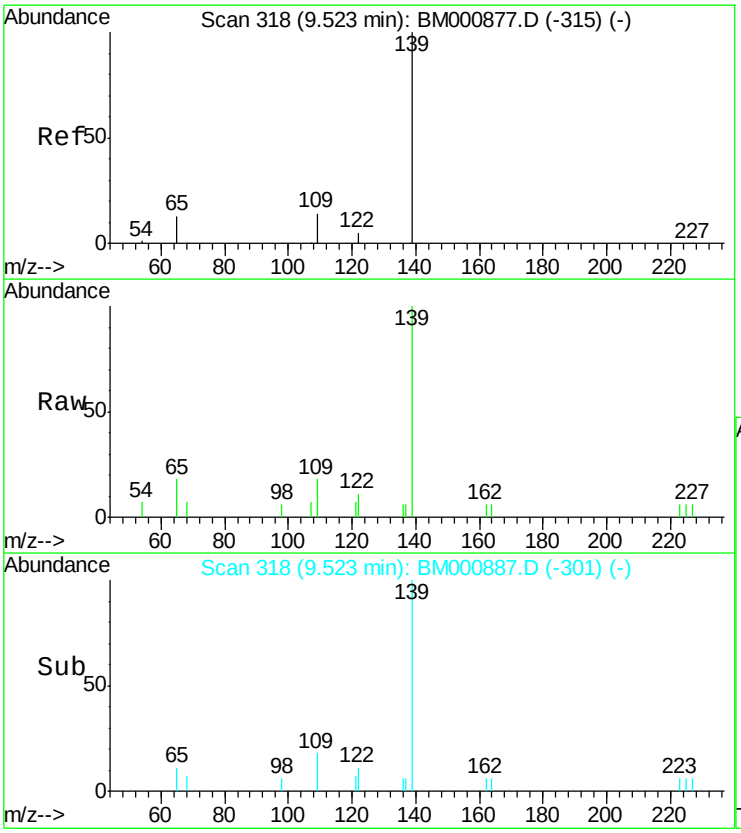
#13
Nitrobenzene
Concen: 0.91 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 77 Resp: 3950

Ion	Ratio	Lower	Upper
77	100		
123	93.8	64.0	96.0
65	11.2	8.7	13.1

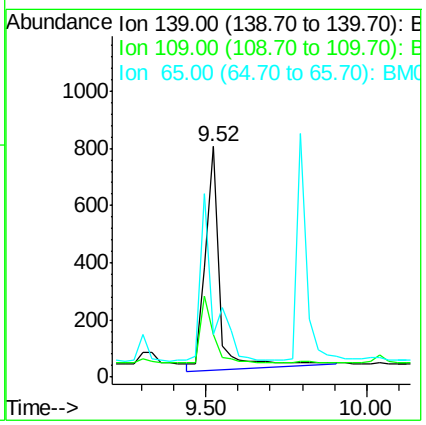


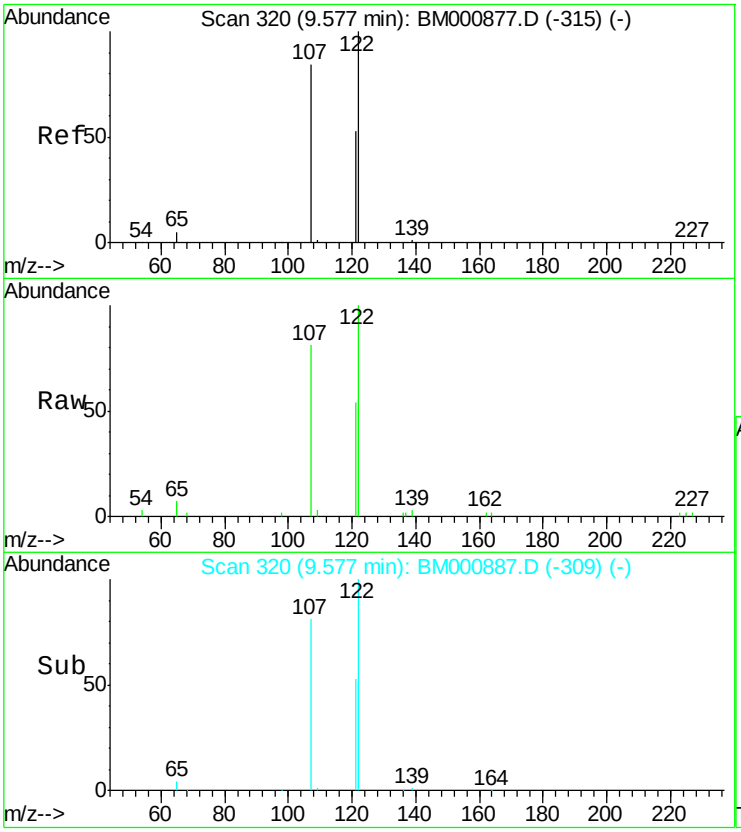


#14
2-Nitrophenol
Concen: 0.99 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:139 Resp: 2415

Ion	Ratio	Lower	Upper
139	100		
109	18.5	15.8	23.8
65	18.4	16.2	24.2



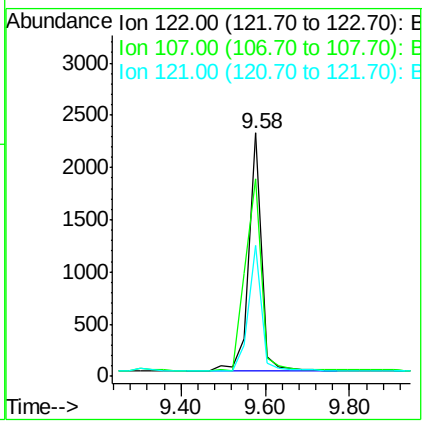


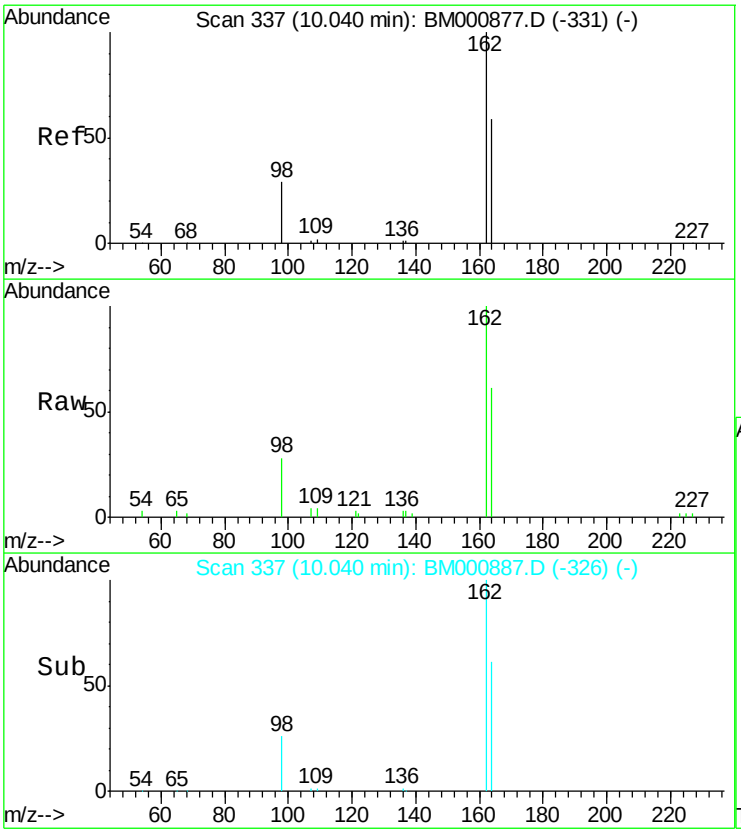
#15
2,4-Dimethylphenol
Concen: 0.97 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:122 Resp: 4786

Ion	Ratio	Lower	Upper
122	100		
107	81.4	67.4	101.2
121	53.8	43.5	65.3

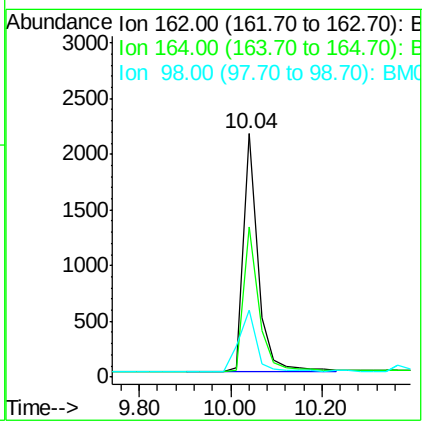


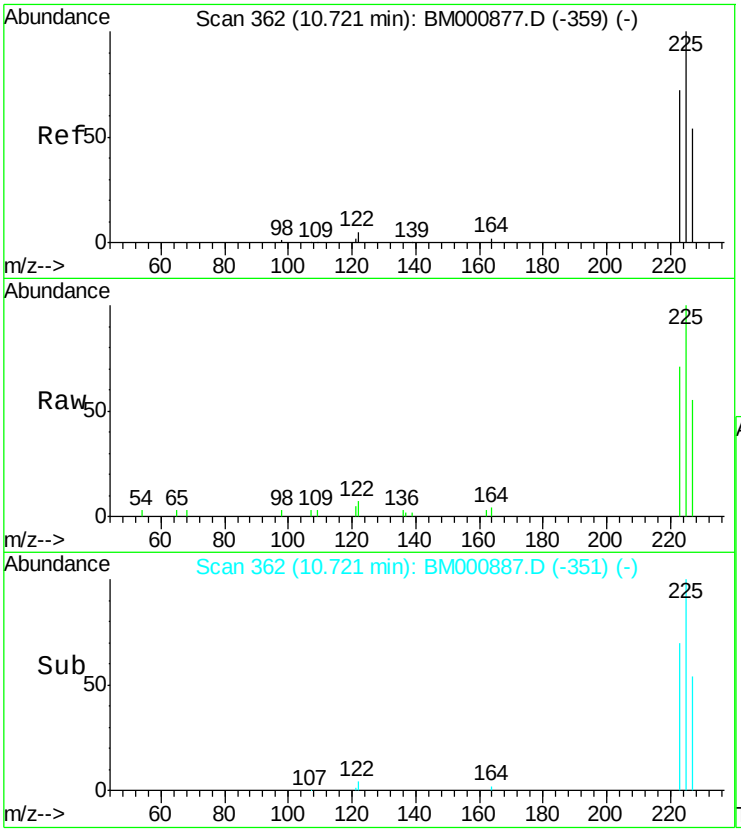


#16
2,4-Dichlorophenol
Concen: 0.93 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:162 Resp: 4724

Ion	Ratio	Lower	Upper
162	100		
164	61.5	39.9	79.9
98	27.6	11.3	51.3



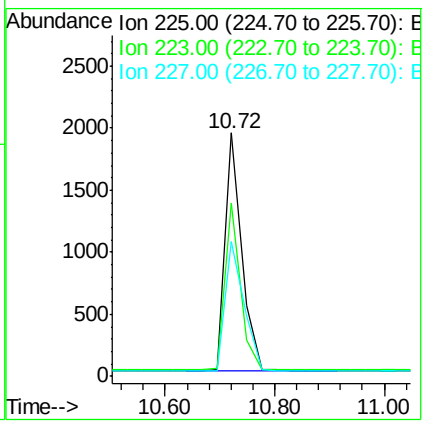


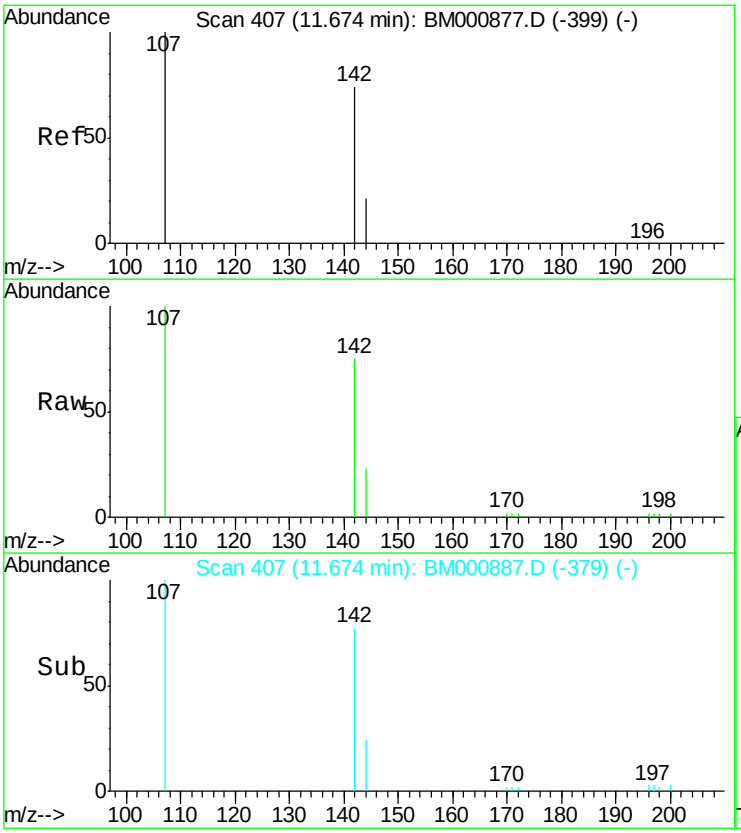
#17
Hexachlorobutadiene
Concen: 1.02 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:225 Resp: 4007

Ion	Ratio	Lower	Upper
225	100		
223	71.3	58.3	87.5
227	55.3	44.5	66.7

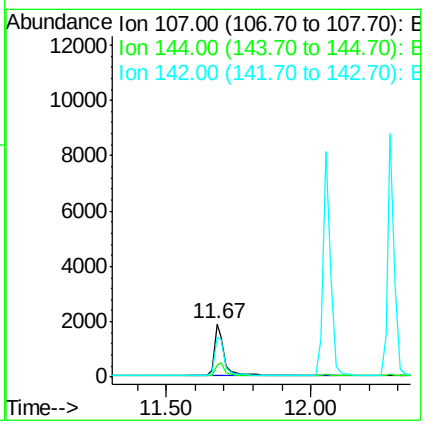


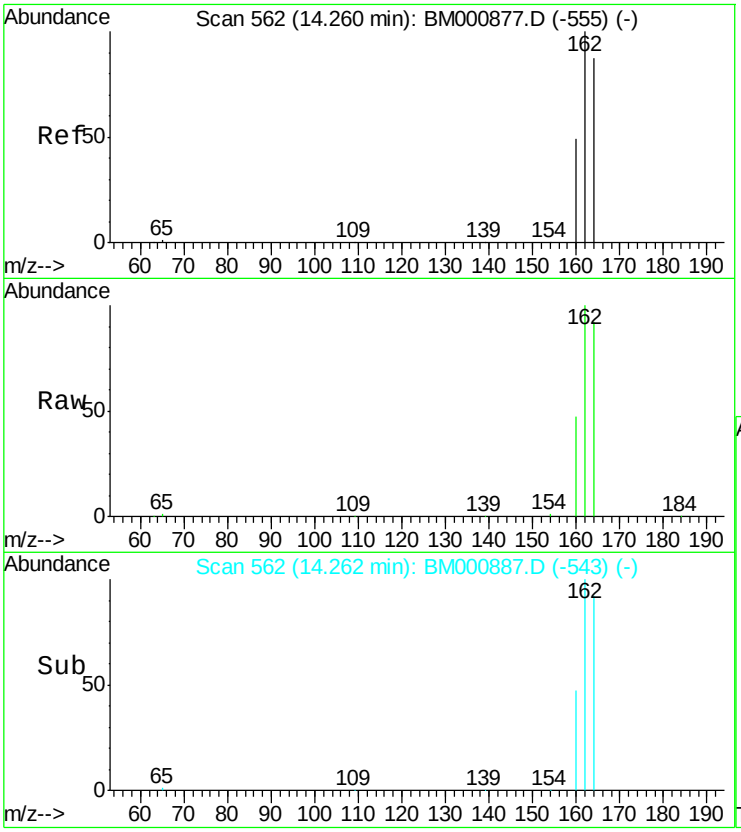


#18
4-Chloro-3-methylphenol
Concen: 0.95 ng
RT: 11.67 min Scan# 407
Delta R.T. -0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:107 Resp: 4548

Ion	Ratio	Lower	Upper
107	100		
144	23.4	18.4	27.6
142	75.3	59.9	89.9



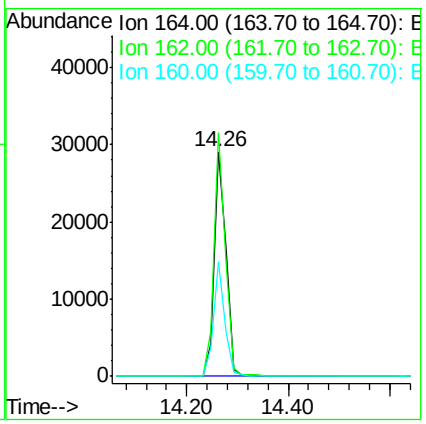


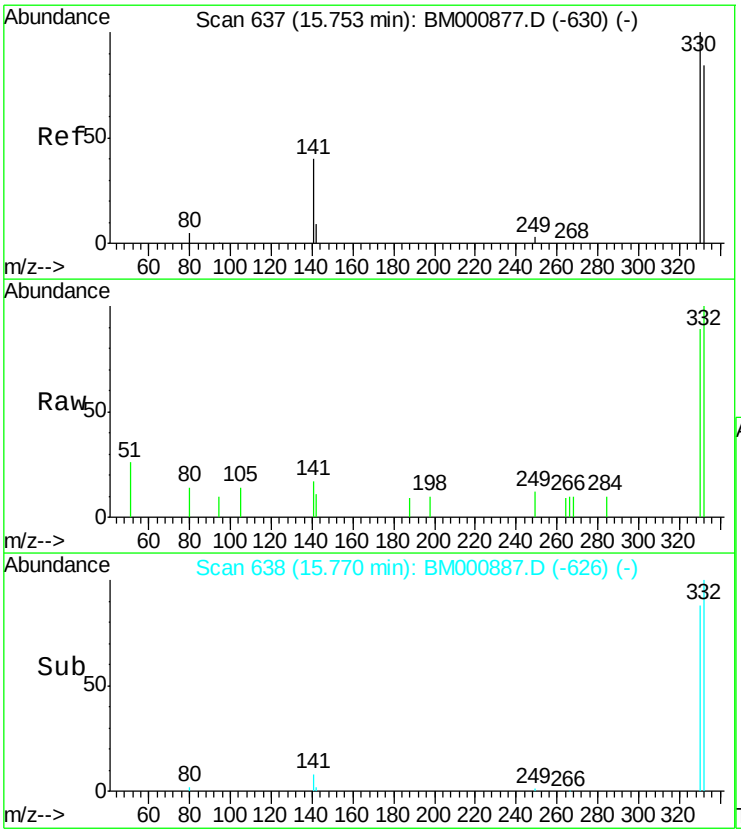
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:164 Resp: 47392

Ion	Ratio	Lower	Upper
164	100		
162	108.5	91.8	137.6
160	50.9	44.6	67.0

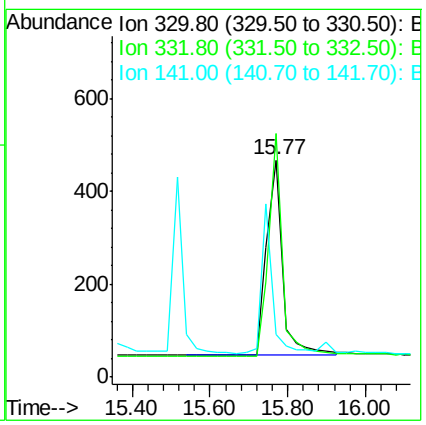


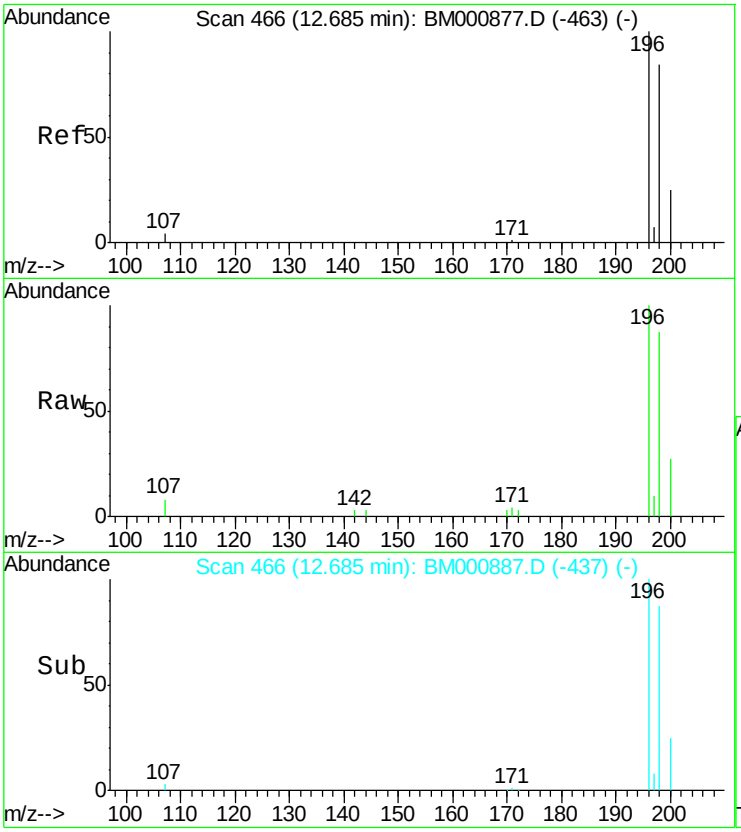


#20
2,4,6-Tribromophenol
Concen: 0.87 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:330 Resp: 1192

Ion	Ratio	Lower	Upper
330	100		
332	98.5	72.6	109.0
141	0.0	29.8	44.6#



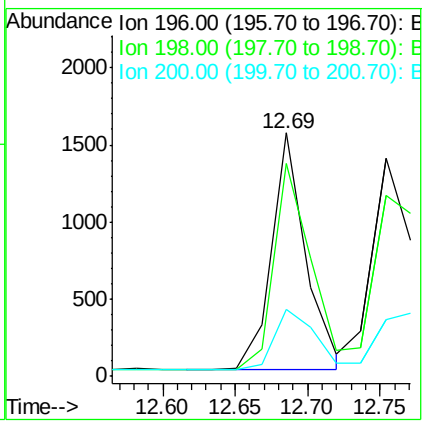


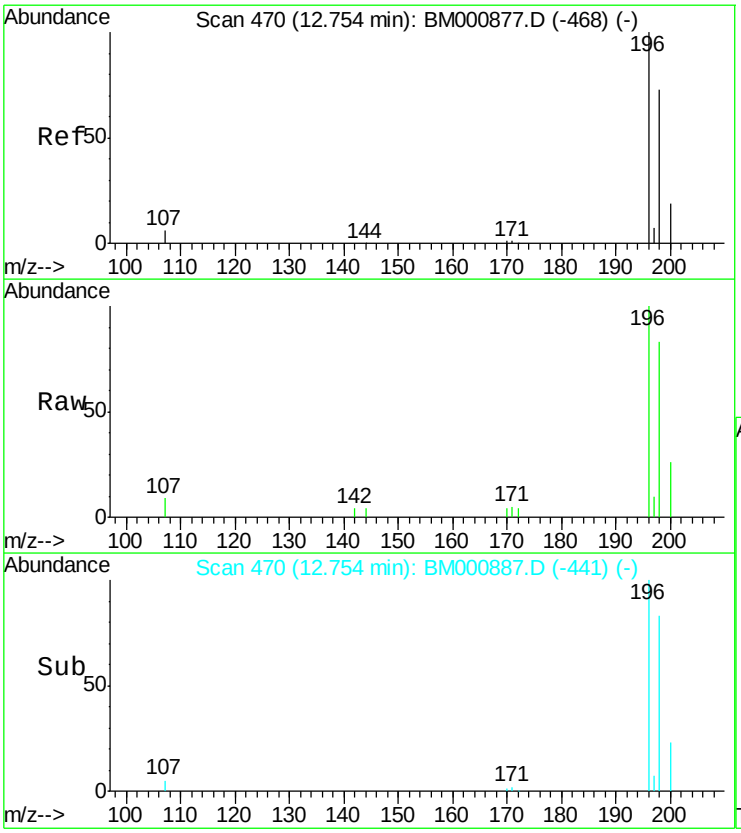
#21
2,4,6-Trichlorophenol
Concen: 0.87 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:196 Resp: 2518

Ion	Ratio	Lower	Upper
196	100		
198	87.5	67.5	101.3
200	27.4	22.1	33.1

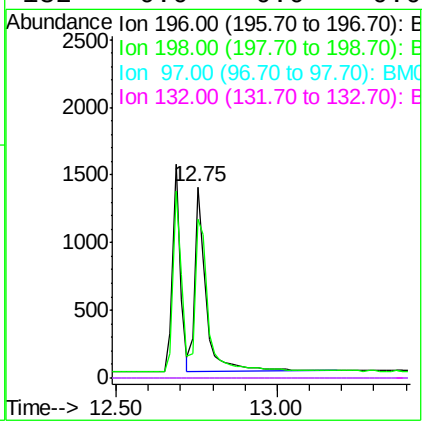


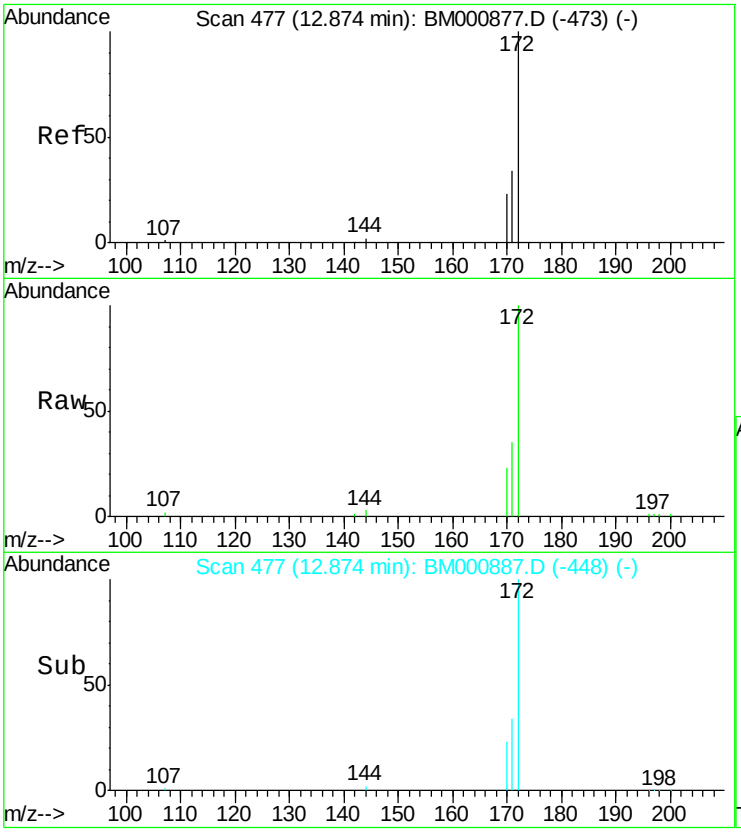


#22
2,4,5-Trichlorophenol
Concen: 0.90 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:196 Resp: 3302

Ion	Ratio	Lower	Upper
196	100		
198	83.2	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0



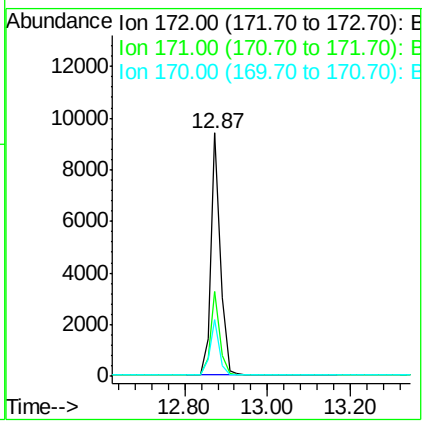


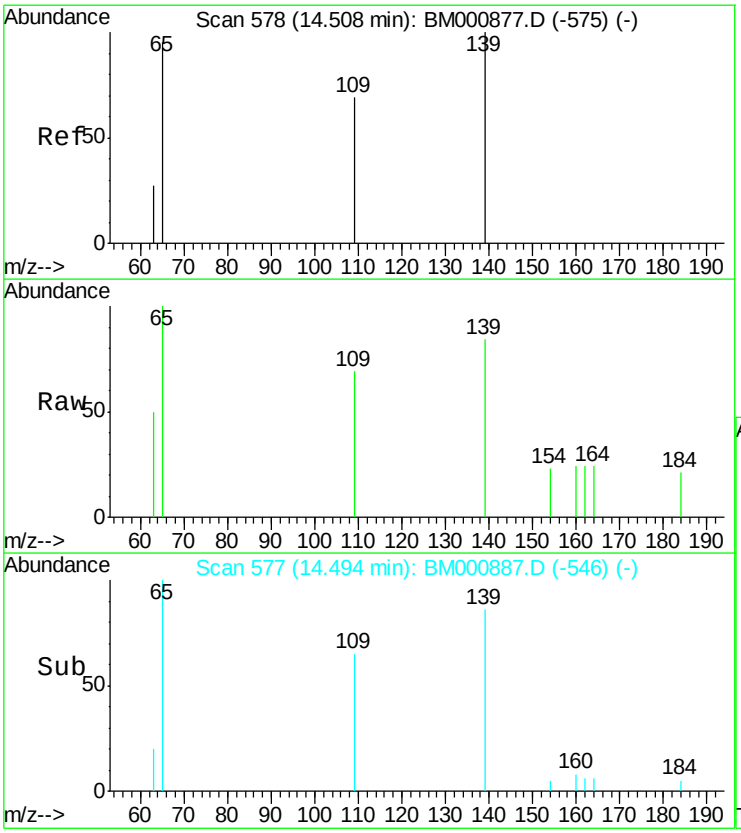
#23
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:172 Resp: 14625

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.2	19.0	28.6

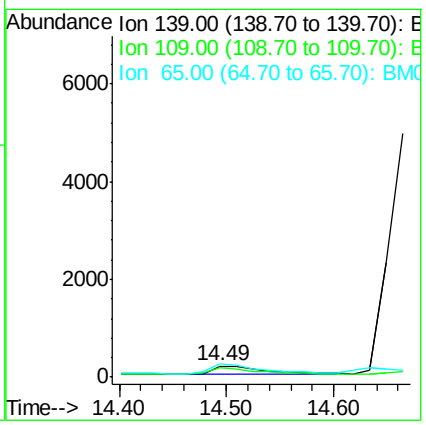


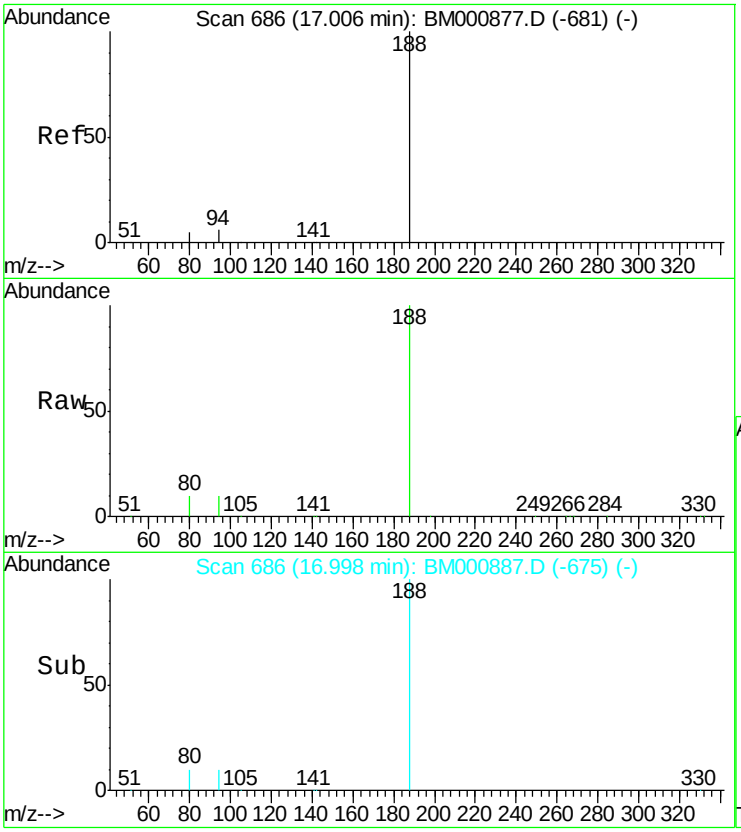


#25
4-Nitrophenol
Concen: 0.93 ng
RT: 14.49 min Scan# 577
Delta R.T. -0.01 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:139 Resp: 660

Ion	Ratio	Lower	Upper
139	100		
109	82.7	58.4	98.4
65	119.5	87.7	127.7



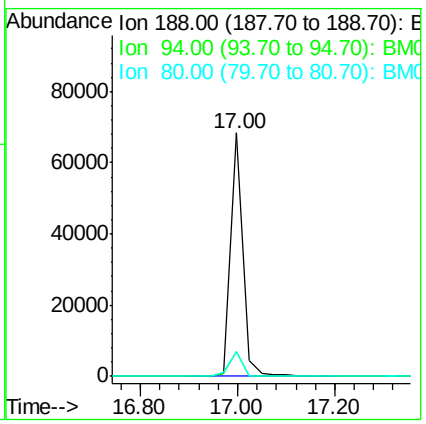


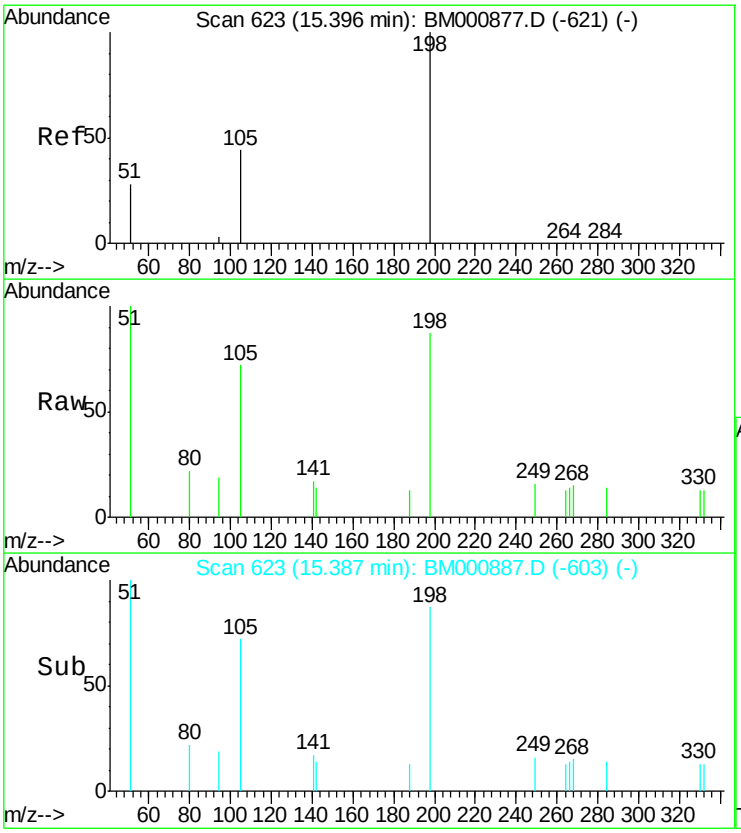
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:188 Resp: 115632

Ion	Ratio	Lower	Upper
188	100		
94	10.0	4.9	7.3#
80	10.2	4.4	6.6#

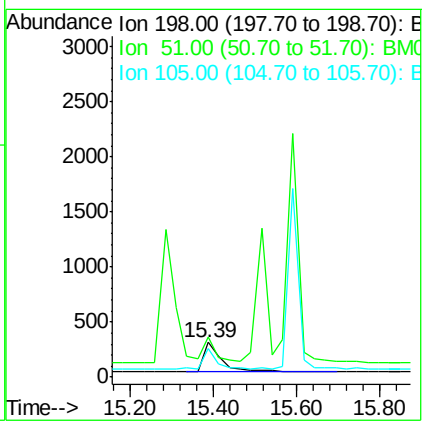


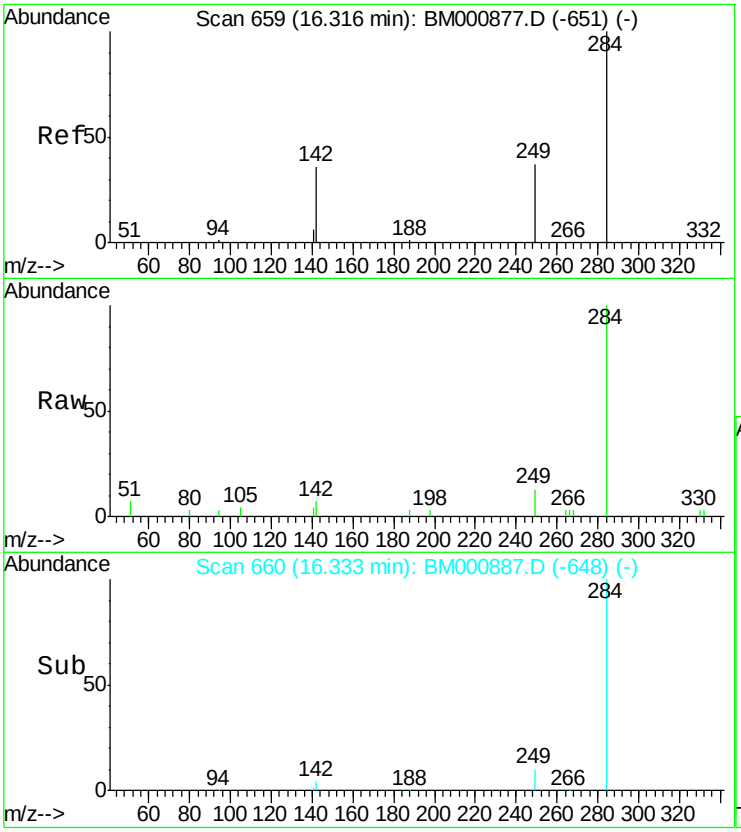


#27
4,6-Dinitro-2-methylphenol
Concen: 0.78 ng
RT: 15.39 min Scan# 623
Delta R.T. -0.01 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:198 Resp: 801

Ion	Ratio	Lower	Upper
198	100		
51	115.5	44.6	84.6#
105	83.0	36.0	76.0#



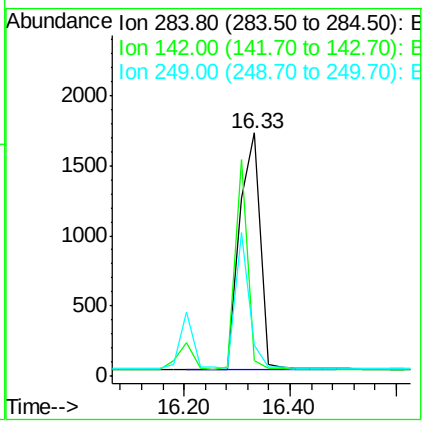


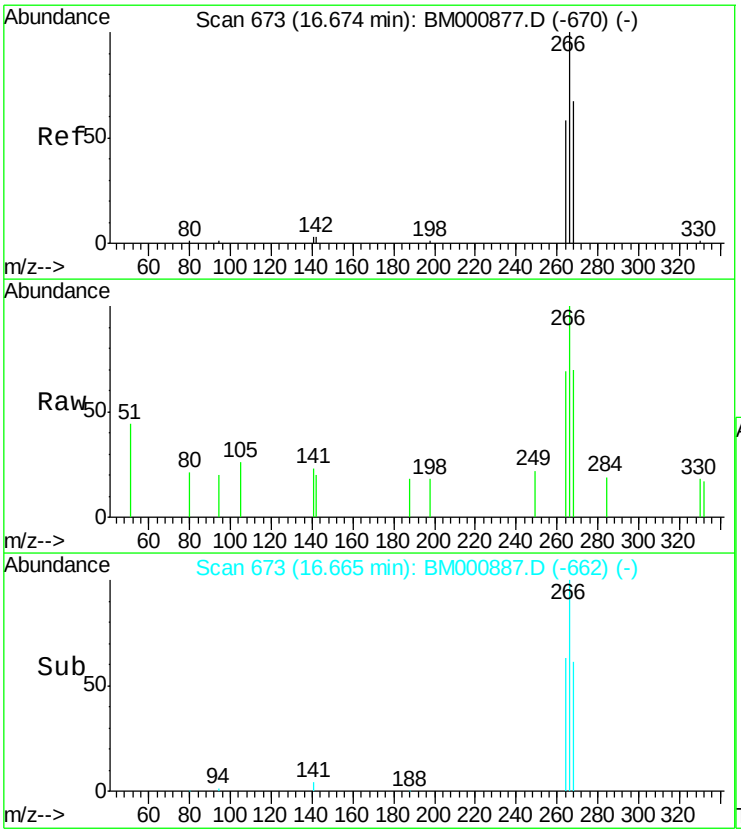
#28
Hexachlorobenzene
Concen: 0.88 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.02 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument : BNA_M
ClientSampleId : SSTDCCC001EC

Tgt Ion:284 Resp: 4549

Ion	Ratio	Lower	Upper
284	100		
142	6.6	29.8	44.8#
249	12.9	31.0	46.4#

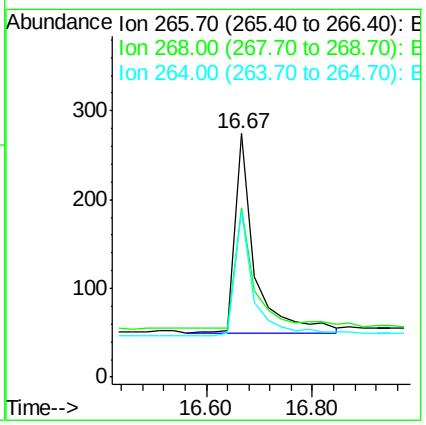


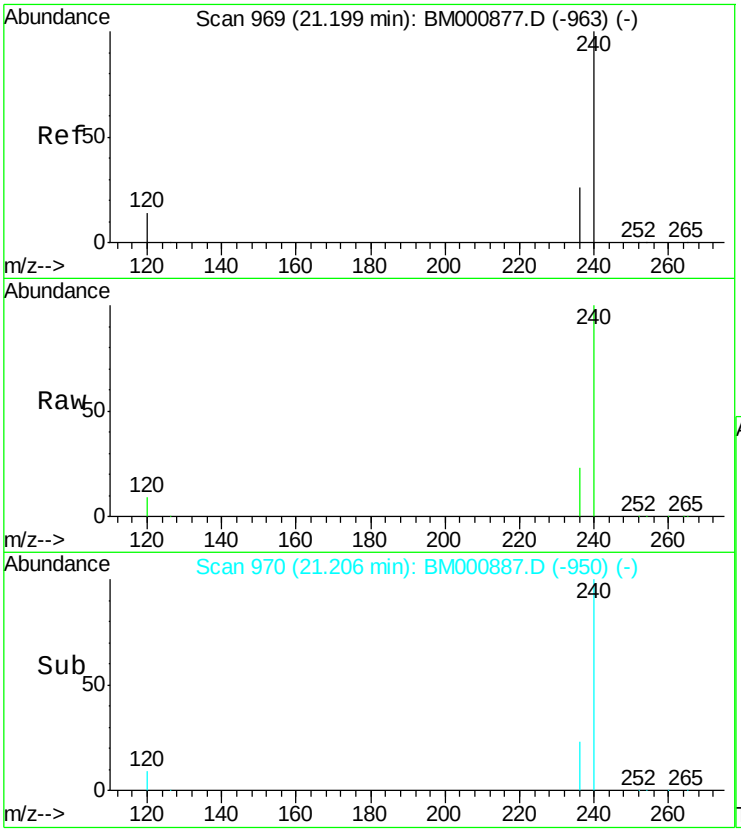


#29
Pentachlorophenol
Concen: 0.91 ng
RT: 16.67 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:266 Resp: 580

Ion	Ratio	Lower	Upper
266	100		
268	69.7	61.8	92.8
264	68.6	53.8	80.6



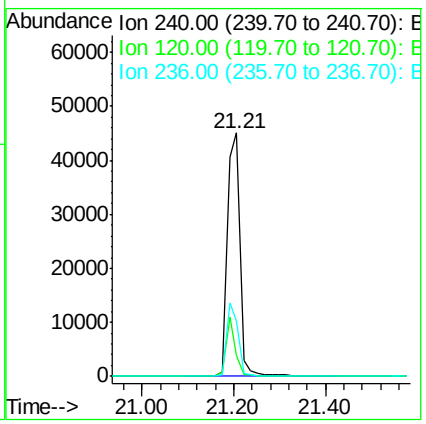


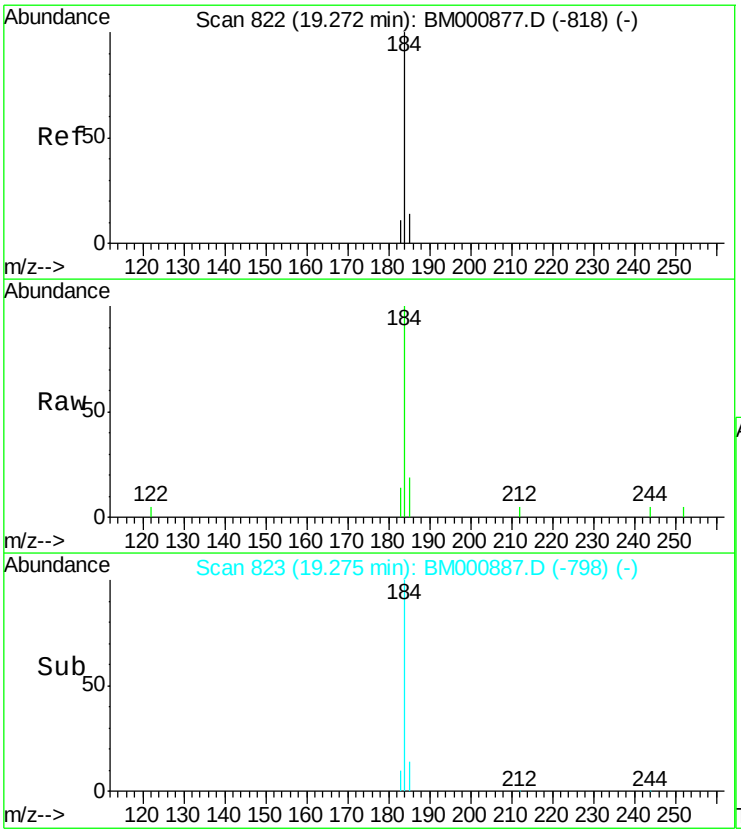
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 85472

Ion	Ratio	Lower	Upper
240	100		
120	8.7	11.1	16.7#
236	22.7	20.9	31.3

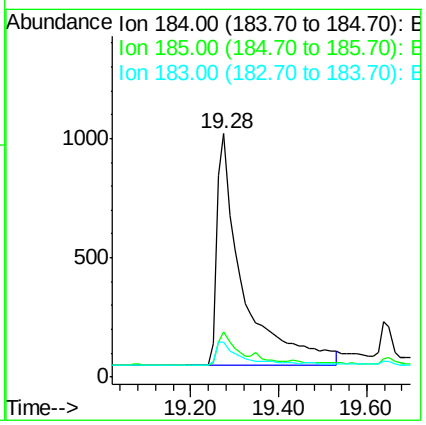


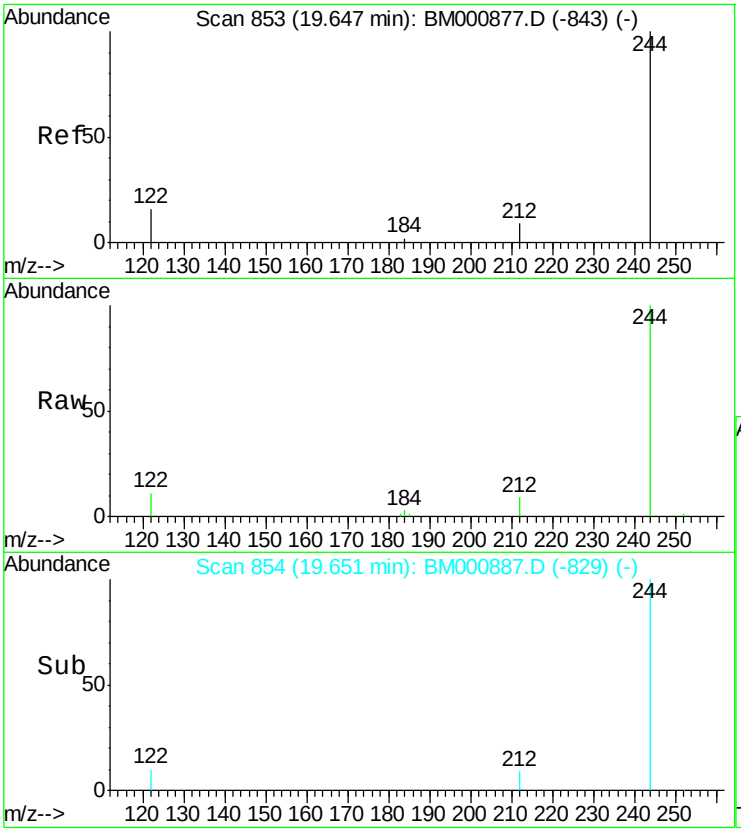


#31
Benzidine
Concen: 1.00 ng
RT: 19.28 min Scan# 823
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:184 Resp: 3912

Ion	Ratio	Lower	Upper
184	100		
185	18.7	14.4	21.6
183	14.5	12.6	19.0



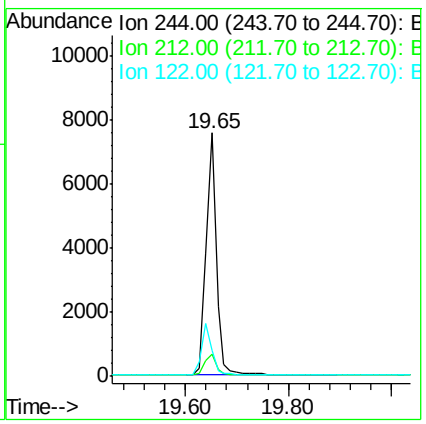


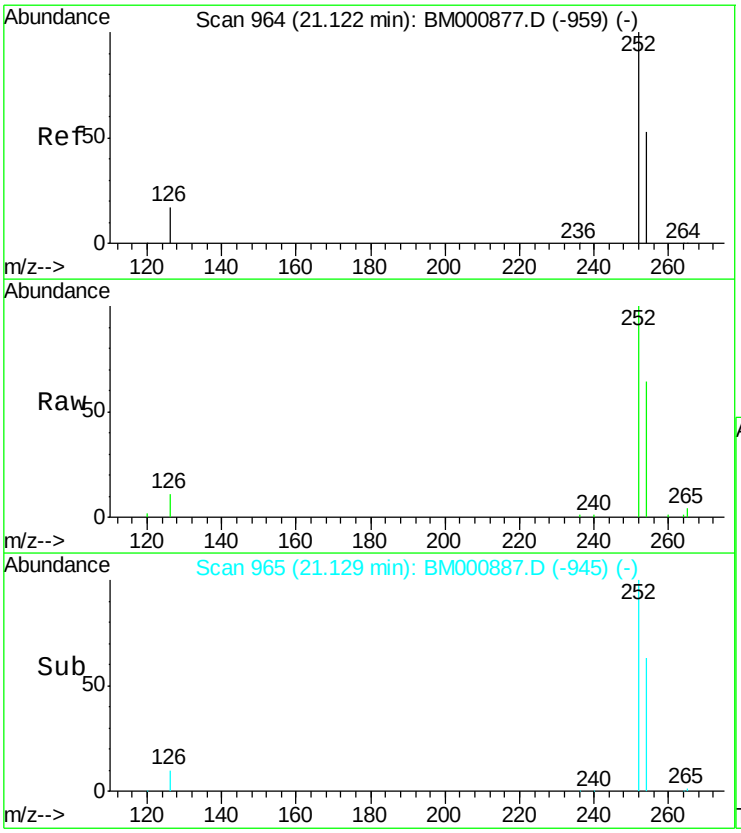
#32
Terphenyl-d14
Concen: 1.00 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 10562

Ion	Ratio	Lower	Upper
244	100		
212	9.2	8.1	12.1
122	10.8	13.6	20.4#

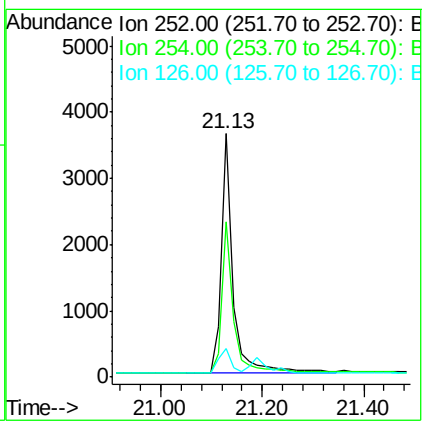


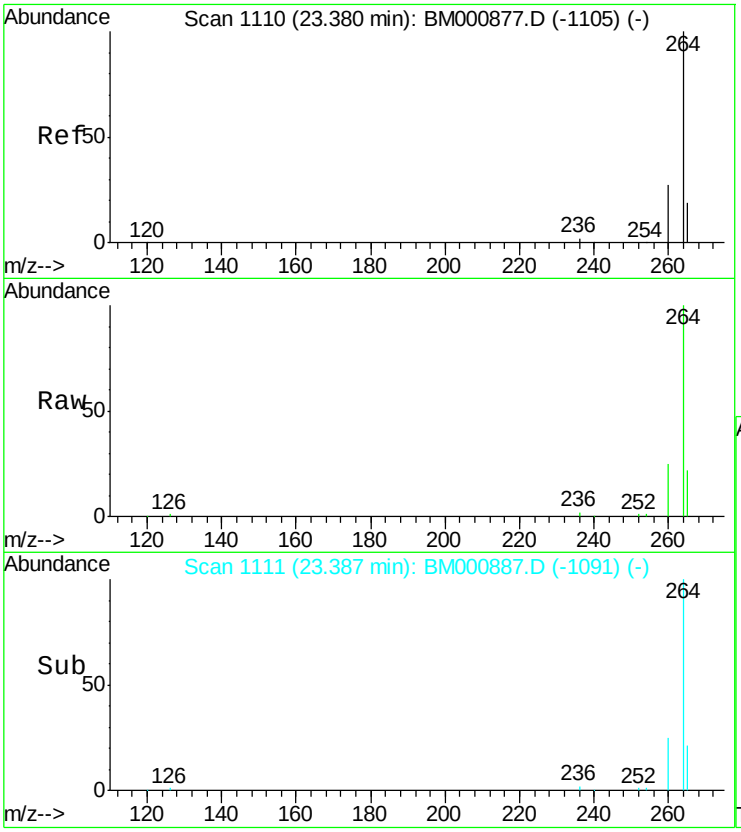


#33
3,3'-Dichlorobenzidine
Concen: 1.01 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000887.D
Acq: 07 Apr 2015 19:25

Tgt Ion:252 Resp: 5943

Ion	Ratio	Lower	Upper
252	100		
254	63.9	43.2	64.8
126	11.5	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: BM000887.D
Acq: 07 Apr 2015 19:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:264 Resp: 77088

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.6	32.4
265	21.5	16.1	24.1