Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000841.D
Acq On : 03 Apr 2015 18:48
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001

Quant Time: Apr 04 07:18:45 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 18:16:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	22443	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	113138	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	58071	5.00	ng		-0.02
26) Phenanthrene-d10	17.00	188	132696	5.00	ng		0.00
30) Chrysene-d12	21.21	240	110496	5.00	ng		0.00
34) Perylene-d12	23.40	264	100150	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	7238	1.17	ng		0.00
5) Phenol-d6	6.77	99	10983	1.15	ng		0.00
12) Nitrobenzene-d5	8.77	82	5235	0.99	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	1812	0.90	ng		0.00
23) 2-Fluorobiphenyl	12.87	172	18322	1.02	ng		0.00
32) Terphenyl-d14	19.65	244	13741	1.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	3470	1.17	ng		95
3) n-Nitrosodimethylamine	3.43	42	3193	1.12	ng	#	32
6) 2-Chlorophenol	7.17	128	8123	1.23	ng		85
7) Phenol	6.81	94	9841	1.06	ng		96
8) bis(2-Chloroethyl)ether	7.02	93	7964	1.17	ng	#	76
9) 2-Methylphenol	8.06	107	7435	1.07	ng		96
10) 3+4-Methylphenols	8.38	107	8895	1.10	ng		95
13) Nitrobenzene	8.80	77	5806	0.94	ng	#	83
14) 2-Nitrophenol	9.52	139	3132	1.04	ng		98
15) 2,4-Dimethylphenol	9.58	122	6729	1.05	ng		95
16) 2,4-Dichlorophenol	10.04	162	6273	1.04	ng		95
17) Hexachlorobutadiene	10.72	225	4739	1.08	ng	#	67
18) 4-Chloro-3-methylphenol	11.69	107	6099	1.07	ng		99
21) 2,4,6-Trichlorophenol	12.69	196	3559	0.93	ng		93
22) 2,4,5-Trichlorophenol	12.75	196	4483	1.05	ng		95
25) 4-Nitrophenol	14.49	139	1027	0.93	ng		96
27) 4,6-Dinitro-2-methylphenol	15.39	198	1215	0.93	ng		93
28) Hexachlorobenzene	16.33	284	6471	0.85	ng		96
29) Pentachlorophenol	16.67	266	1040	0.84	ng		98
31) Benzidine	19.28	184	7233	1.79	ng	#	51
33) 3,3'-Dichlorobenzidine	21.13	252	8410	1.00	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000841.D
Acq On : 03 Apr 2015 18:48
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Quant Time: Apr 04 07:18:45 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 18:16:53 2015
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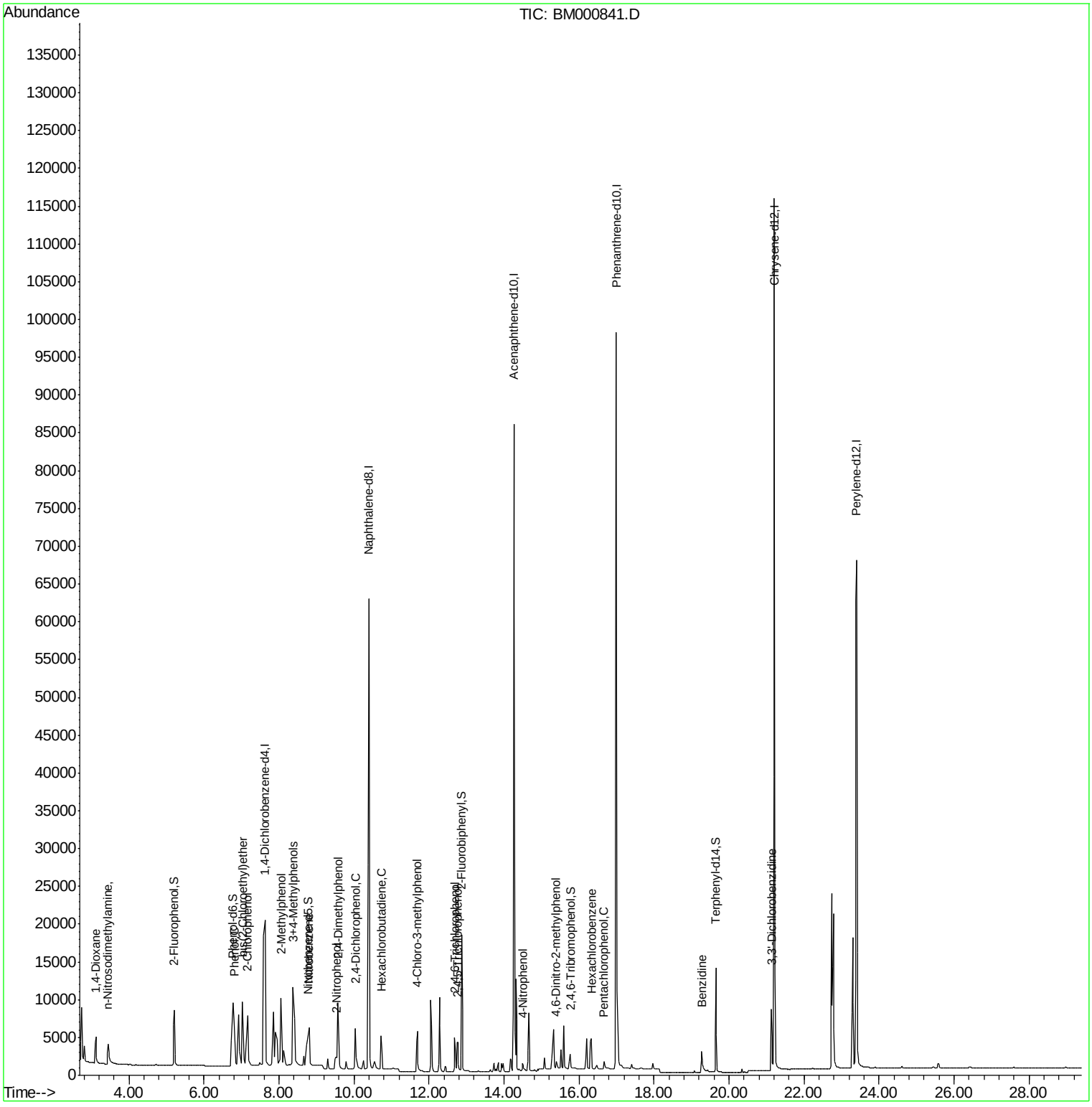
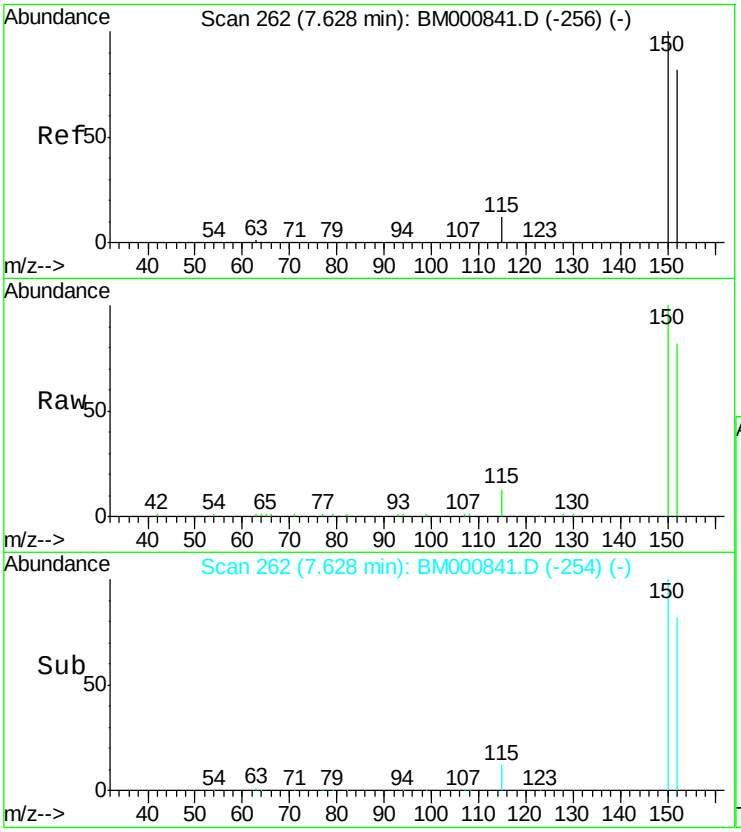


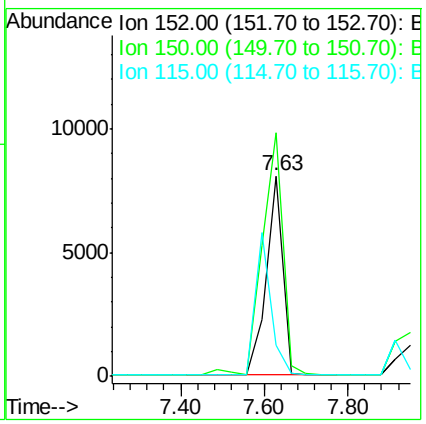


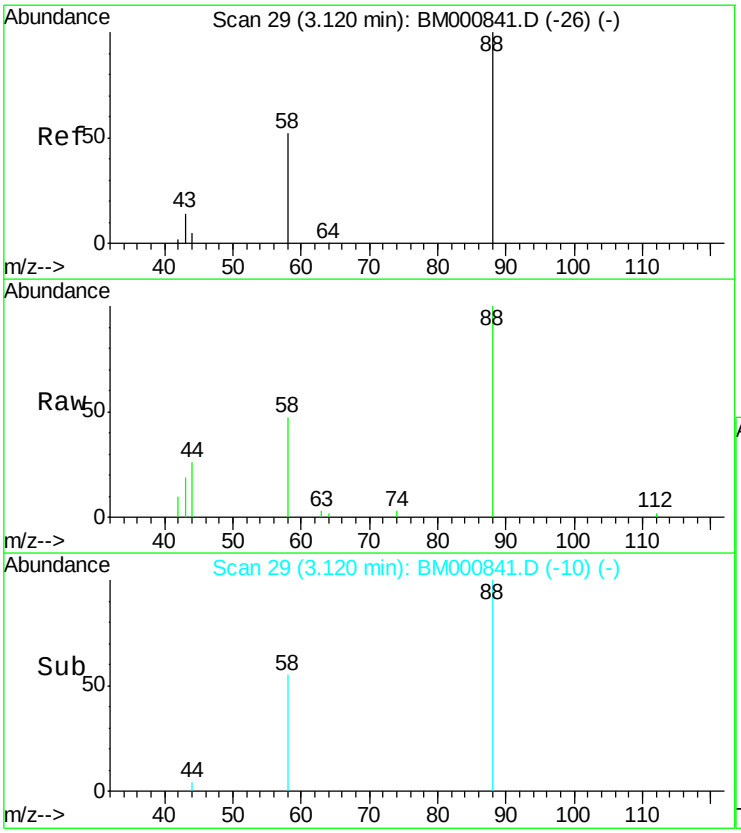
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 22443

Ion	Ratio	Lower	Upper
152	100		
150	121.3	99.8	149.6
115	15.5	13.5	20.3

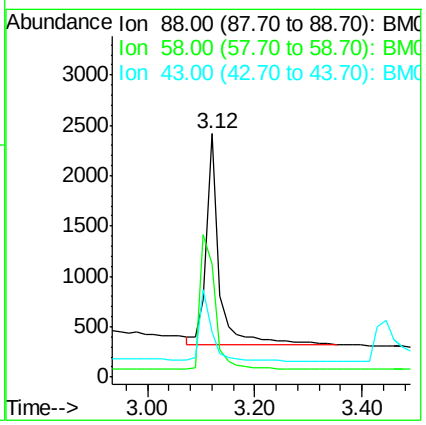


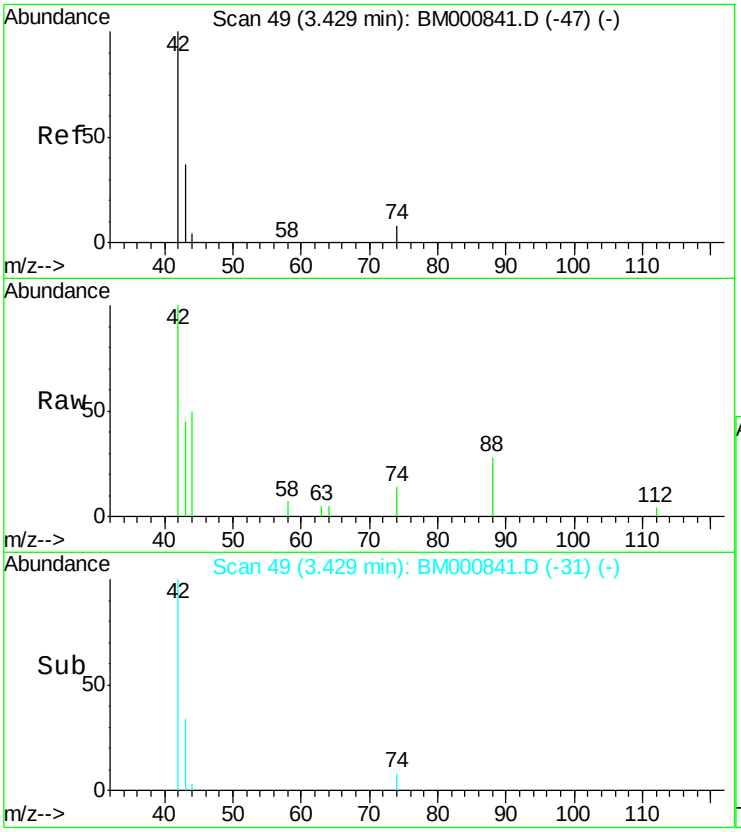


#2
1,4-Dioxane
Concen: 1.17 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion: 88 Resp: 3470

Ion	Ratio	Lower	Upper
88	100		
58	75.1	57.0	85.4
43	33.7	29.2	43.8



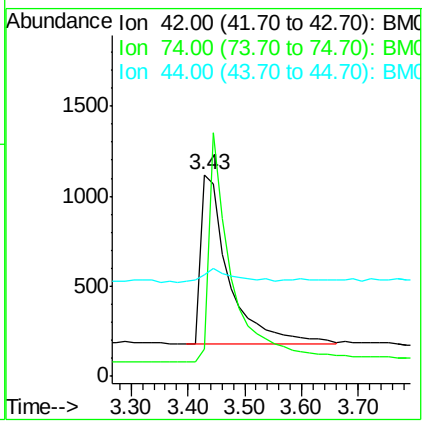


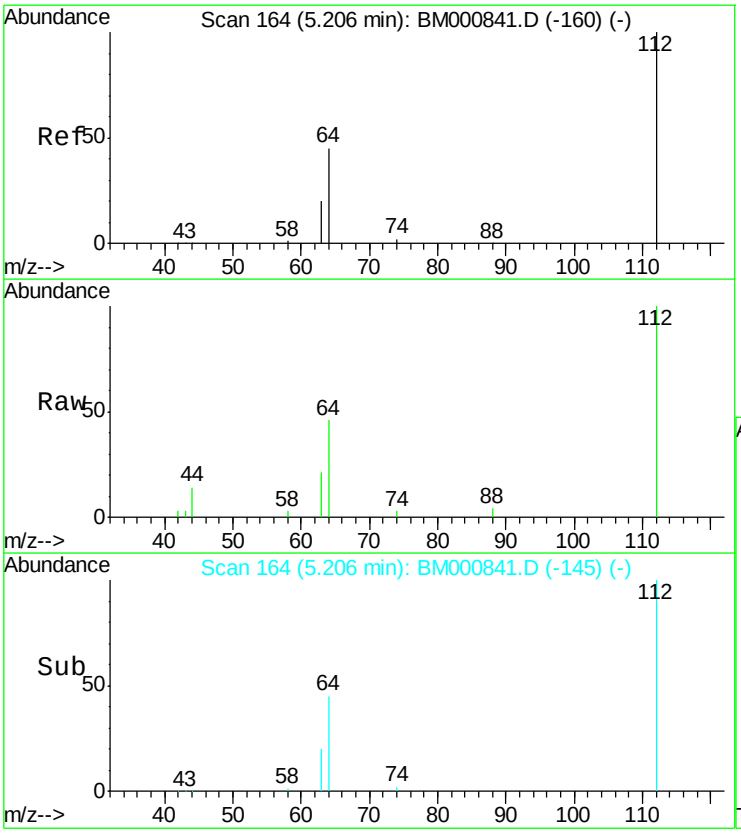
#3
n-Nitrosodimethylamine
Concen: 1.12 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.02 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 3193

Ion	Ratio	Lower	Upper
42	100		
74	13.6	93.1	139.7#
44	50.4	56.6	85.0#

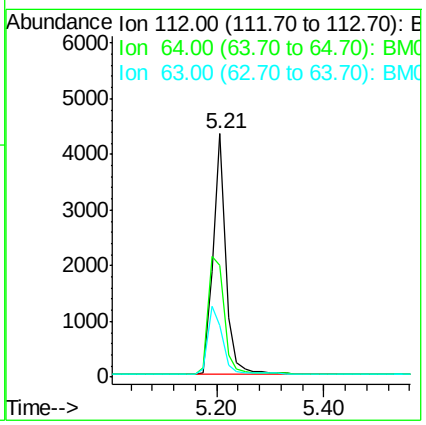


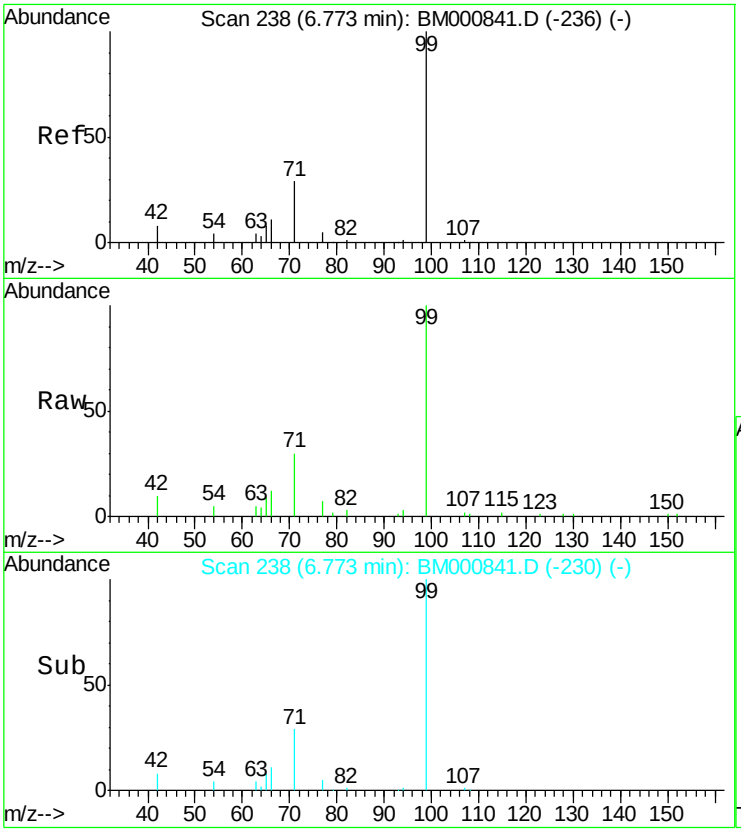


#4
2-Fluorophenol
Concen: 1.17 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:112 Resp: 7238

Ion	Ratio	Lower	Upper
112	100		
64	45.8	40.3	60.5
63	21.4	19.0	28.4



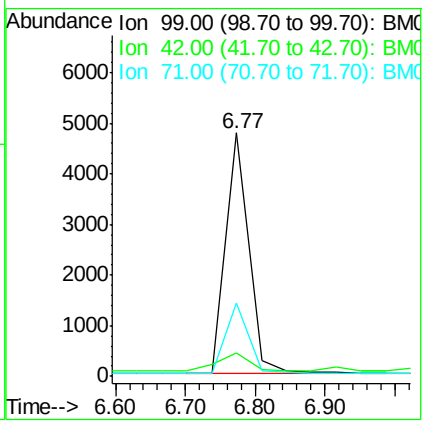


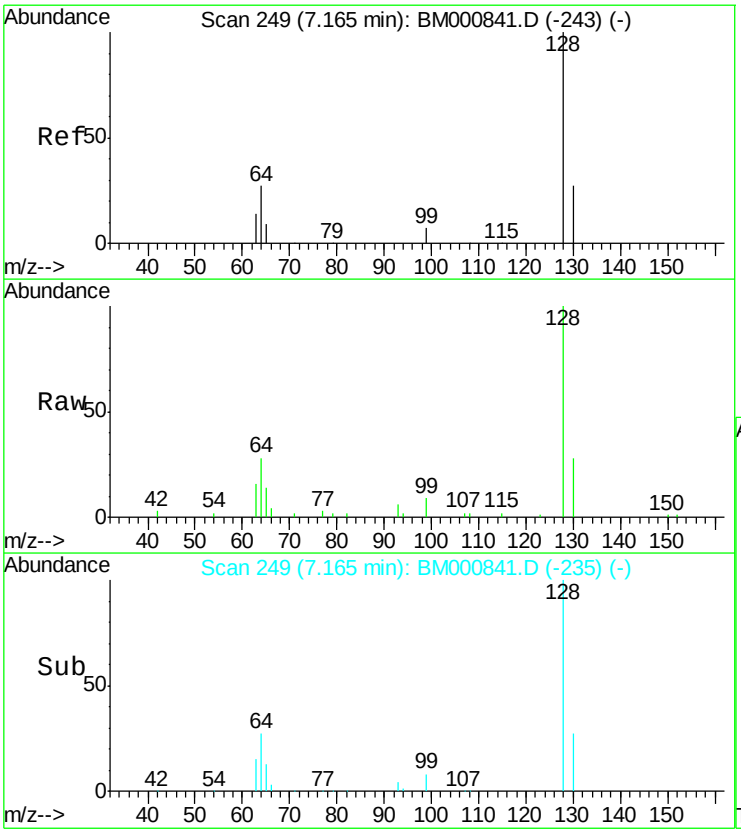
#5
Phenol-d6
Concen: 1.15 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 10983

Ion	Ratio	Lower	Upper
99	100		
42	9.8	10.2	15.4#
71	30.0	28.6	43.0

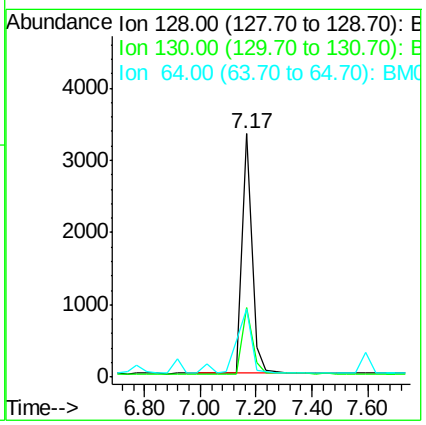


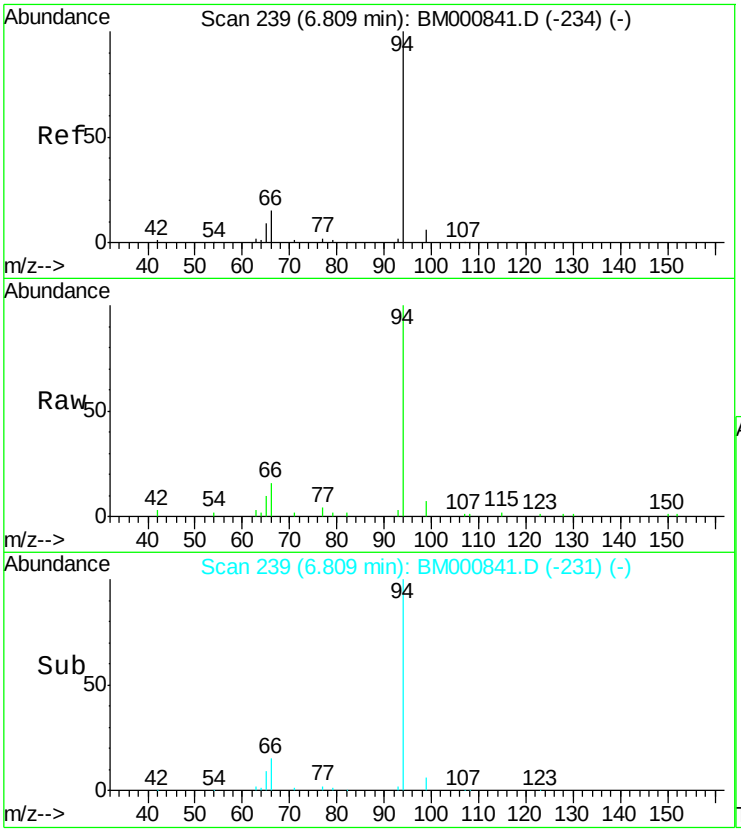


#6
2-Chlorophenol
Concen: 1.23 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:128 Resp: 8123

Ion	Ratio	Lower	Upper
128	100		
130	28.4	7.6	47.6
64	28.2	23.1	63.1



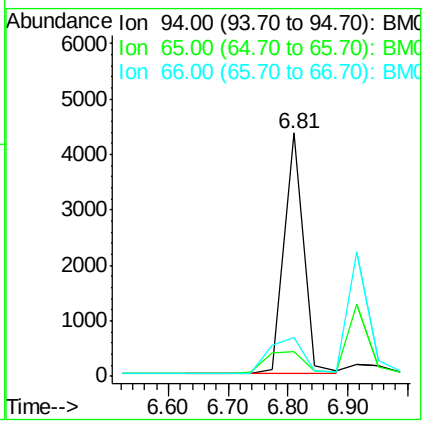


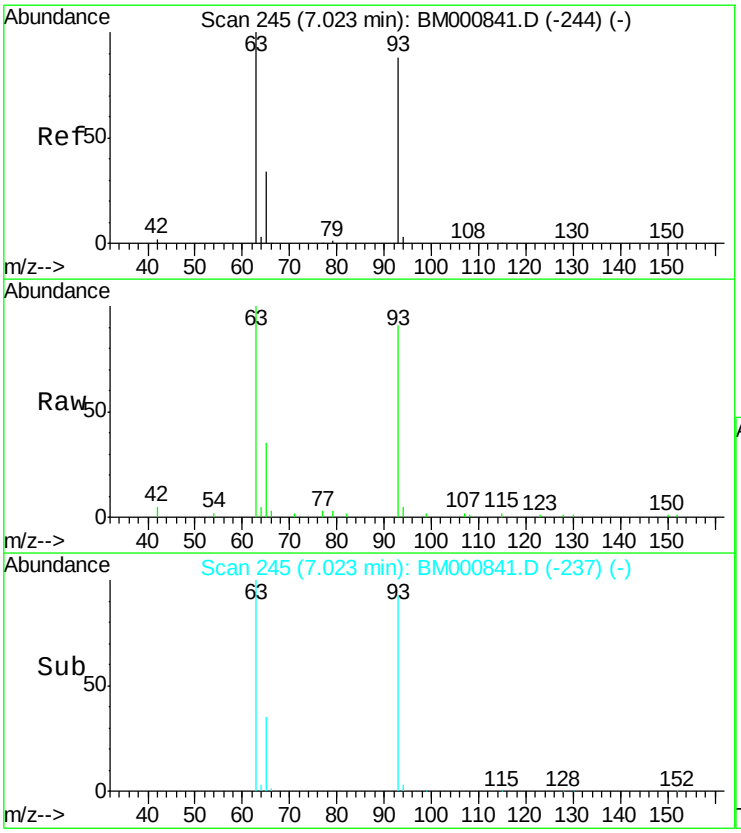
#7
Phenol
Concen: 1.06 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 94 Resp: 9841

Ion	Ratio	Lower	Upper
94	100		
65	10.3	0.0	32.0
66	15.7	0.0	37.6

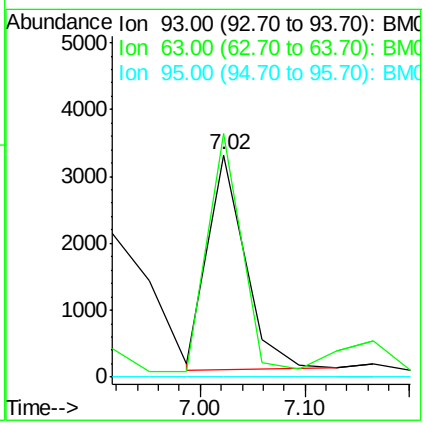


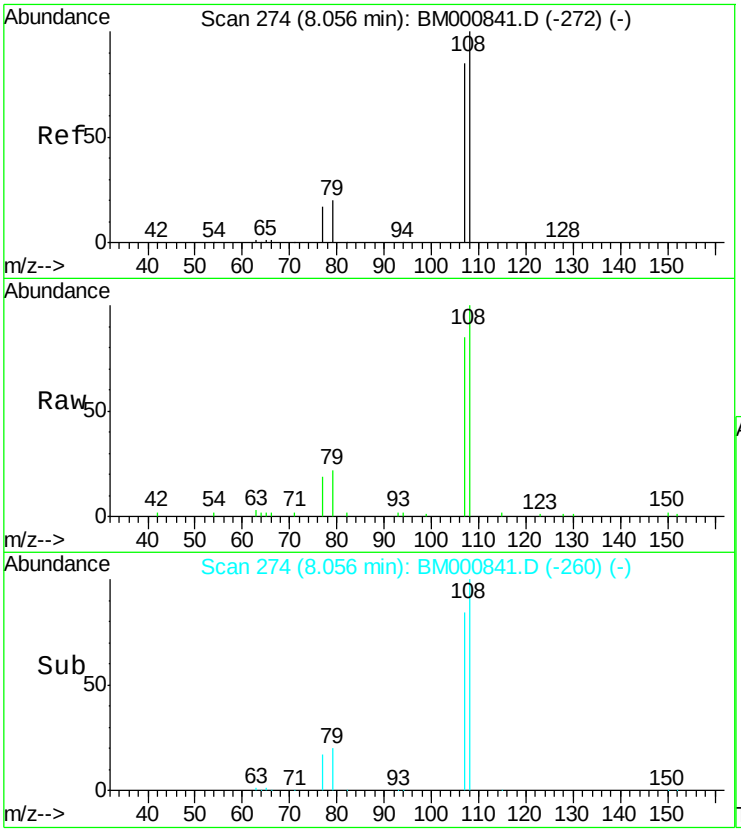


#8
bis(2-Chloroethyl)ether
Concen: 1.17 ng
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion: 93 Resp: 7964

Ion	Ratio	Lower	Upper
93	100		
63	109.6	118.9	158.9#
95	0.0	0.0	20.0



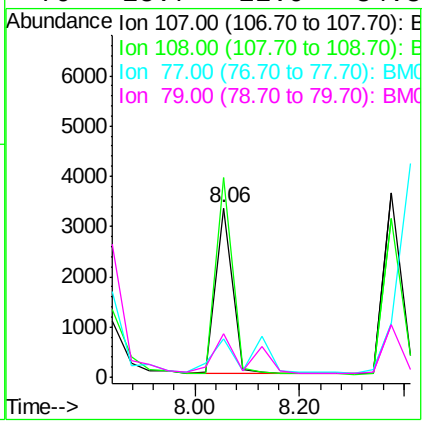


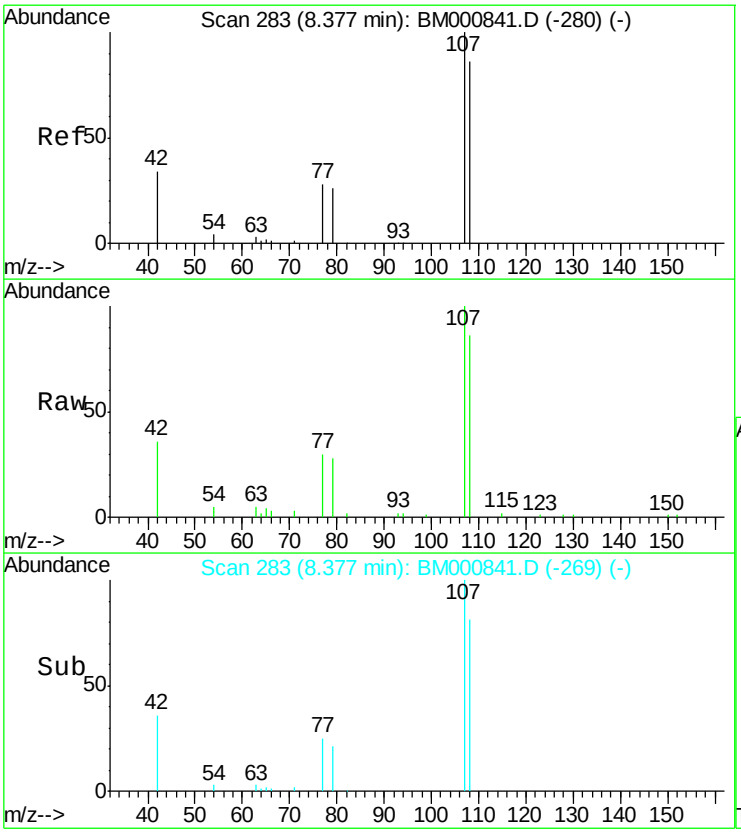
#9
2-Methylphenol
Concen: 1.07 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:107 Resp: 7435

Ion	Ratio	Lower	Upper
107	100		
108	117.8	92.0	138.0
77	22.4	20.6	31.0
79	25.7	22.9	34.3

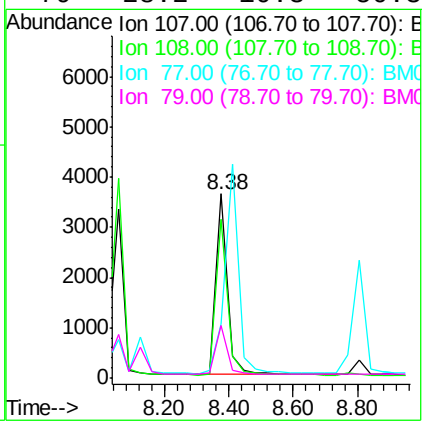


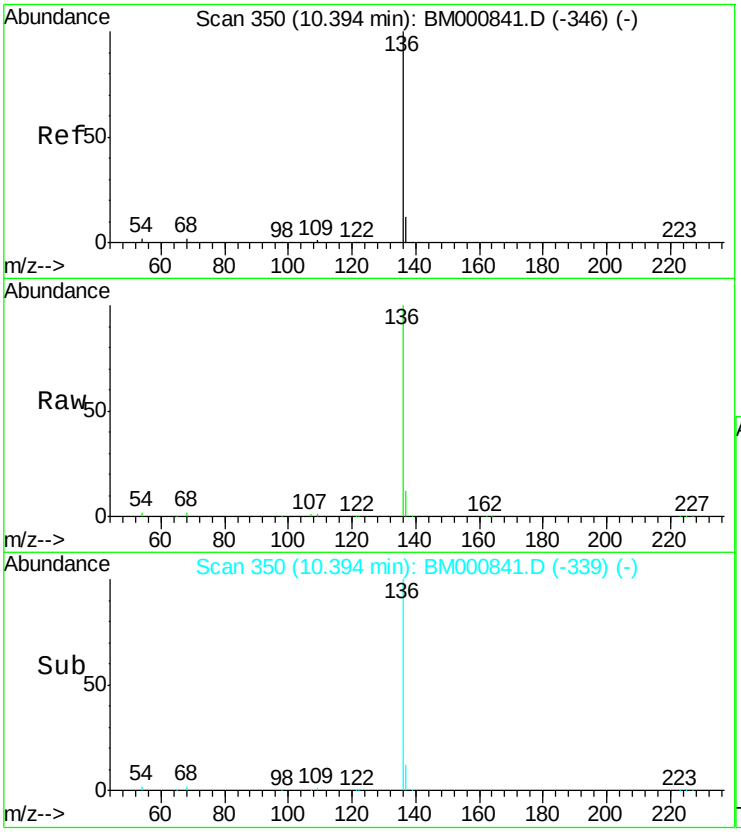


#10
3+4-Methylphenols
Concen: 1.10 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:107 Resp: 8895

Ion	Ratio	Lower	Upper
107	100		
108	86.4	62.6	102.6
77	29.5	12.8	52.8
79	28.2	10.3	50.3



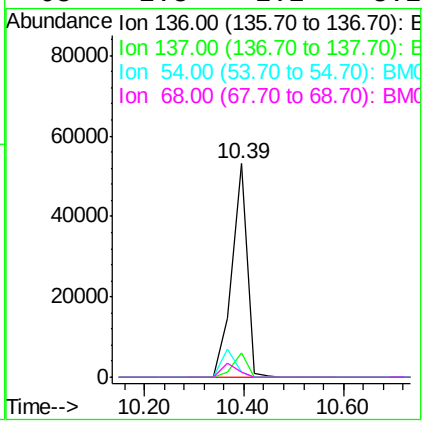


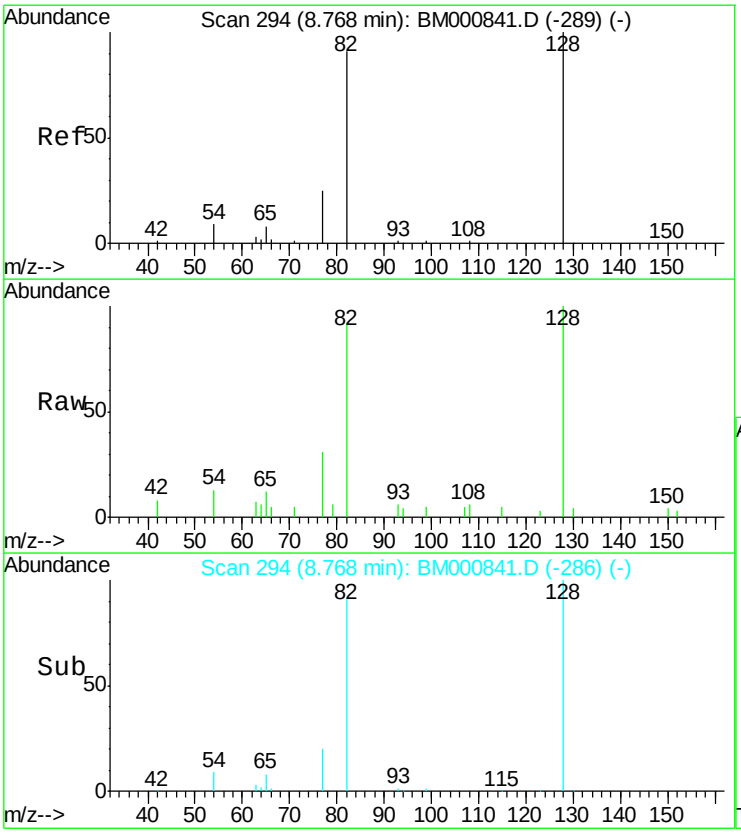
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 113138

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	2.2	2.2	3.4#
68	2.3	2.2	3.2

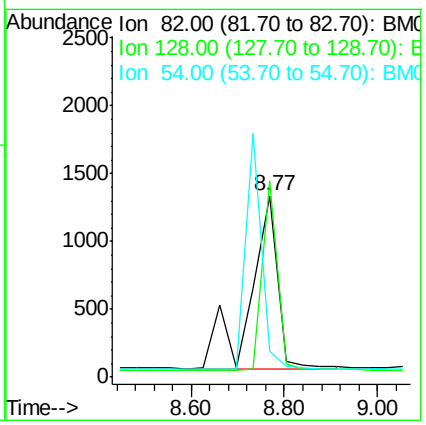


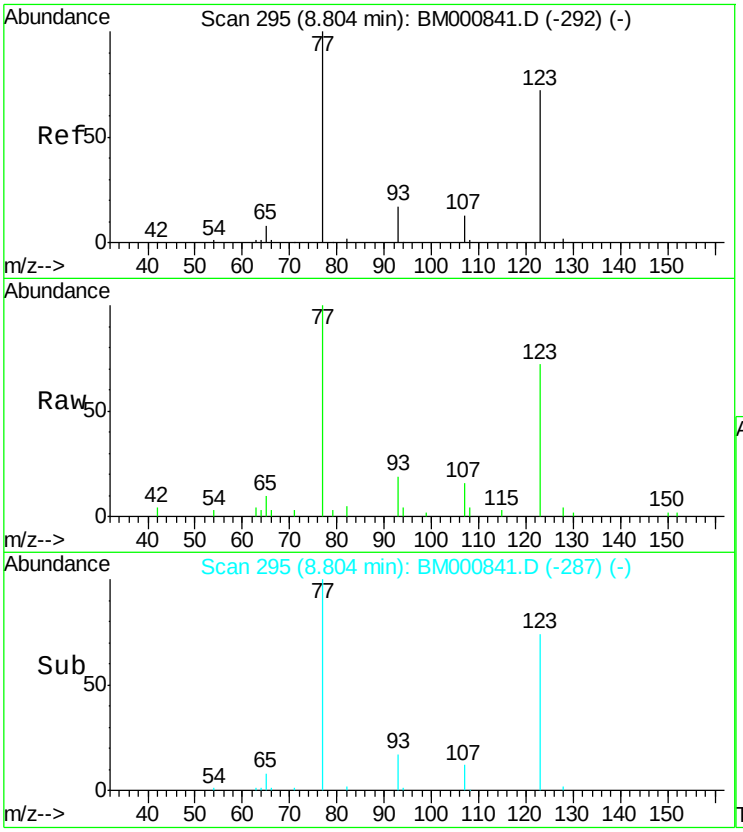


#12
Nitrobenzene-d5
Concen: 0.99 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion: 82 Resp: 5235

Ion	Ratio	Lower	Upper
82	100		
128	108.4	72.5	108.7
54	14.2	11.8	17.8



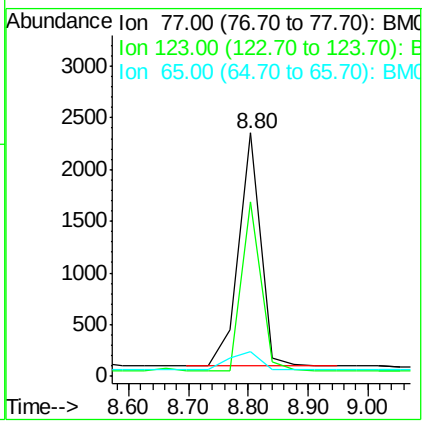


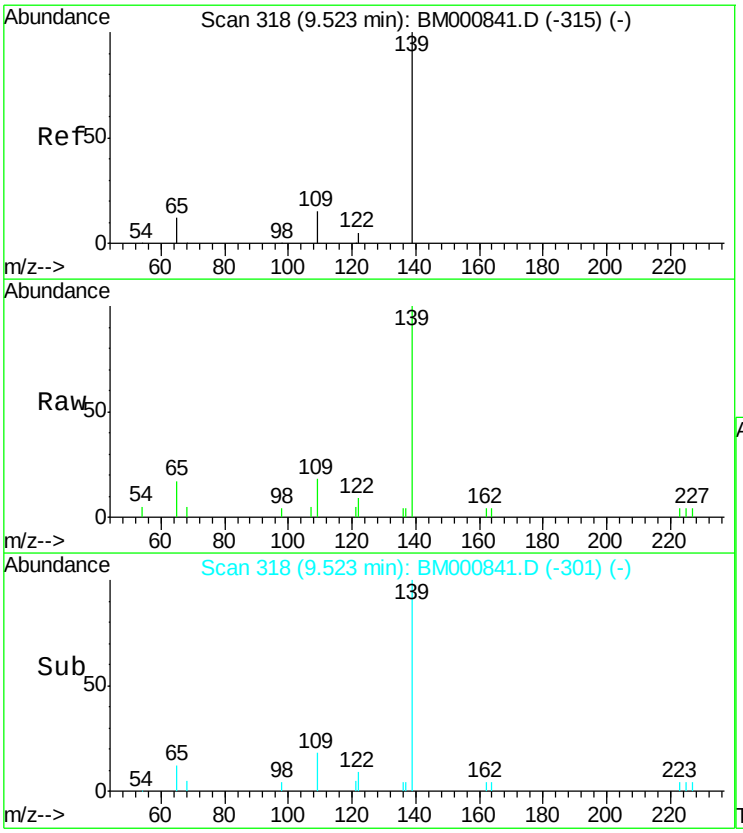
#13
Nitrobenzene
Concen: 0.94 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 77 Resp: 5806

Ion	Ratio	Lower	Upper
77	100		
123	71.8	45.8	68.6#
65	10.0	8.2	12.4

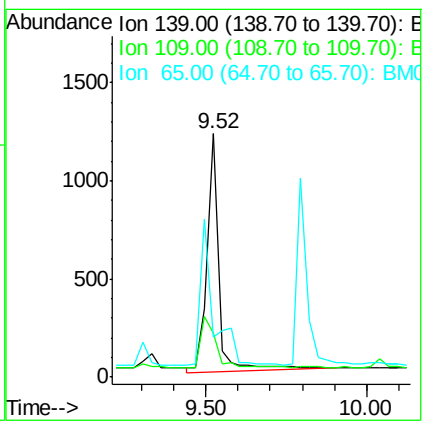


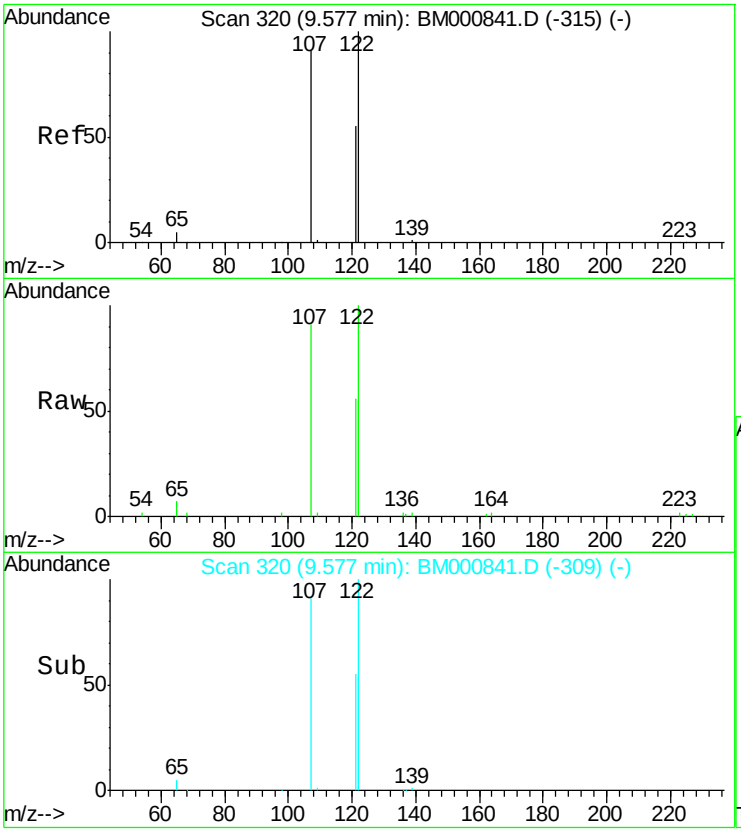


#14
2-Nitrophenol
Concen: 1.04 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:139 Resp: 3132

Ion	Ratio	Lower	Upper
139	100		
109	18.1	15.0	22.6
65	16.6	14.2	21.4



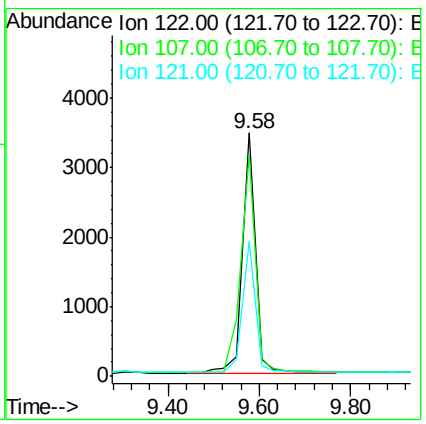


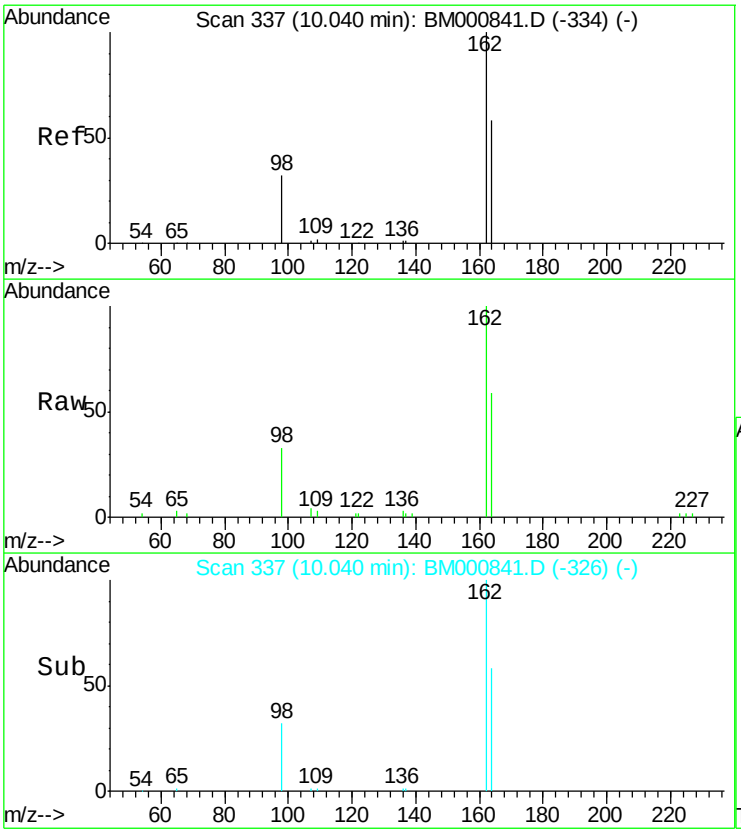
#15
2,4-Dimethylphenol
Concen: 1.05 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:122 Resp: 6729

Ion	Ratio	Lower	Upper
122	100		
107	91.0	78.2	117.4
121	55.5	45.4	68.0

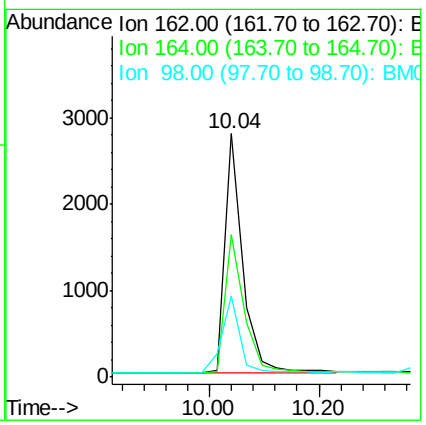


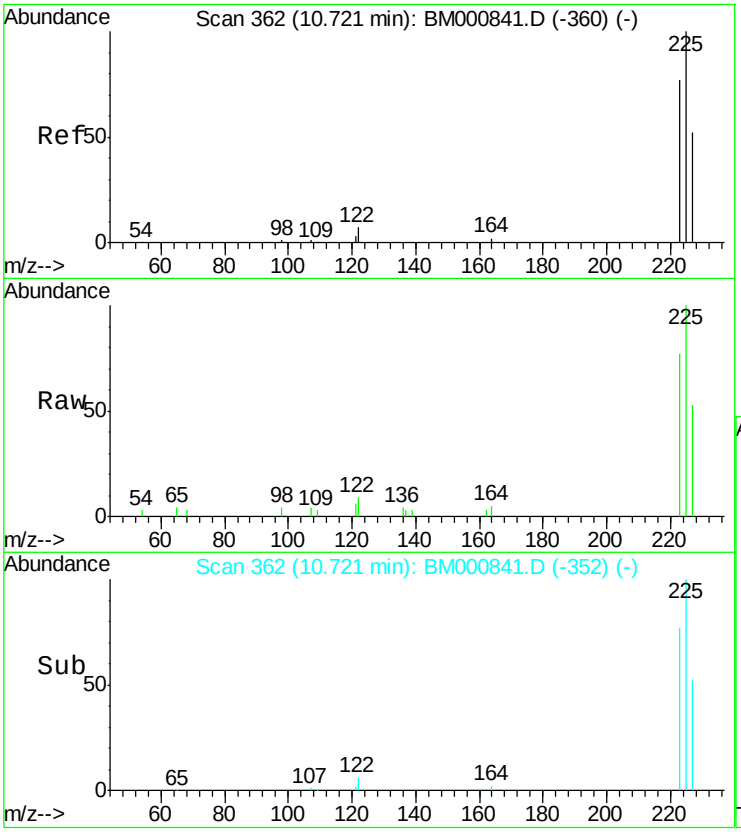


#16
2,4-Dichlorophenol
Concen: 1.04 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:162 Resp: 6273

Ion	Ratio	Lower	Upper
162	100		
164	58.5	37.1	77.1
98	33.3	19.5	59.5



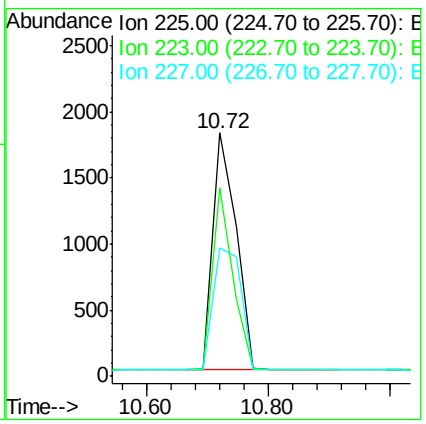


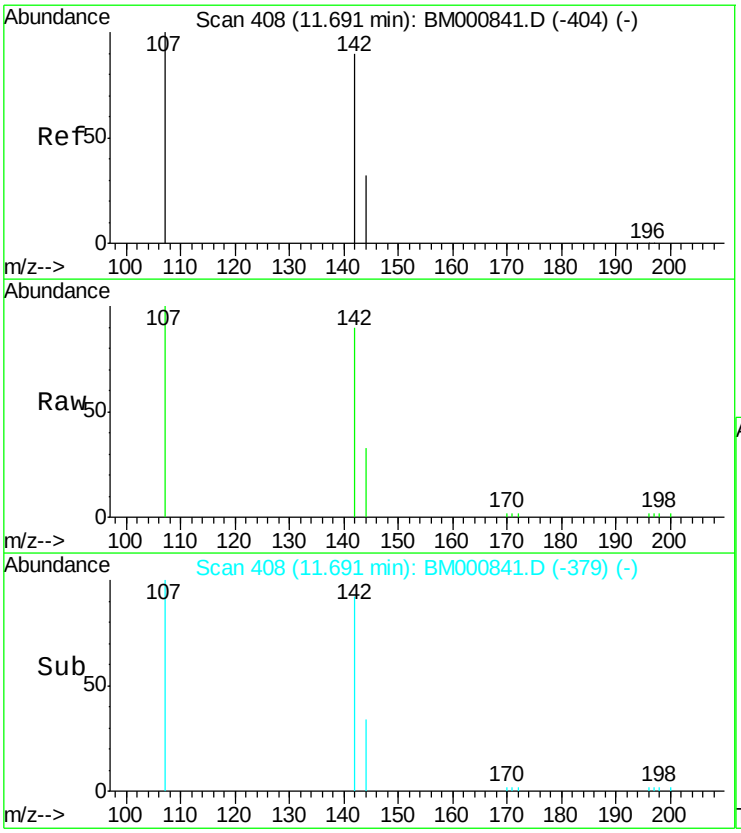
#17
Hexachlorobutadiene
Concen: 1.08 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.03 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:225 Resp: 4739

Ion	Ratio	Lower	Upper
225	100		
223	77.4	40.8	61.2#
227	52.9	62.8	94.2#

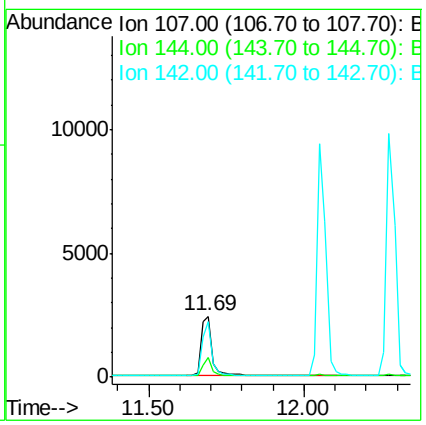


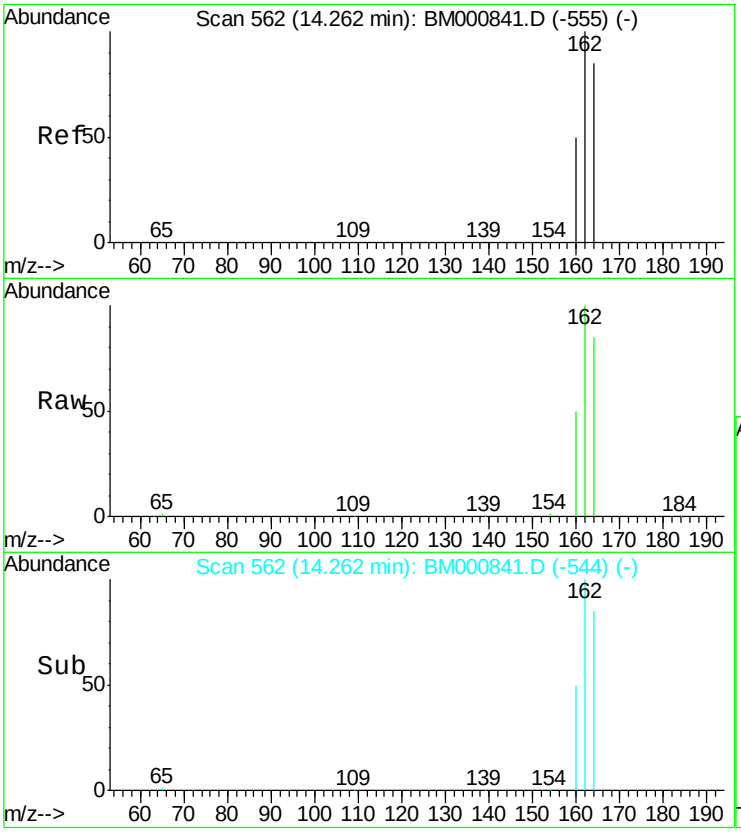


#18
4-Chloro-3-methylphenol
Concen: 1.07 ng
RT: 11.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:107 Resp: 6099

Ion	Ratio	Lower	Upper
107	100		
144	33.0	25.8	38.8
142	90.3	71.3	106.9



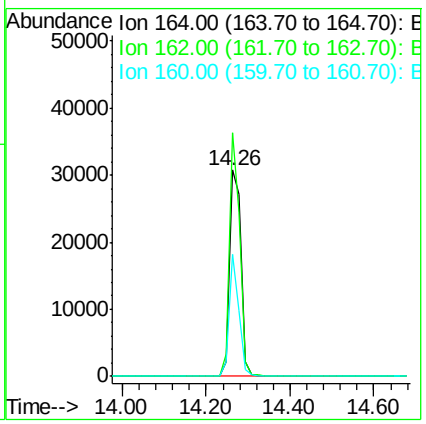


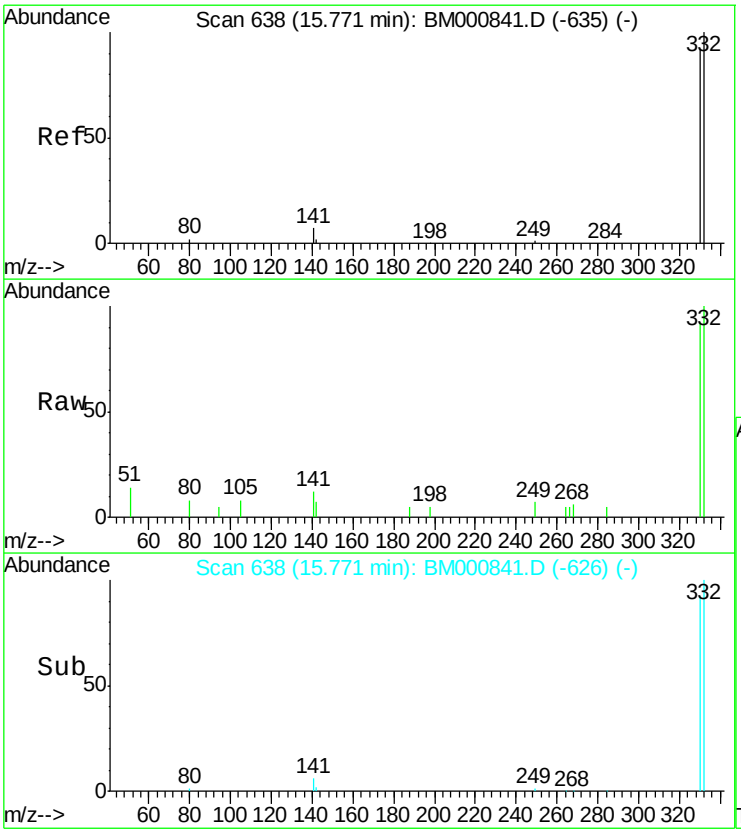
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. -0.02 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 58071

Ion	Ratio	Lower	Upper
164	100		
162	118.0	74.2	111.2#
160	58.9	30.4	45.6#

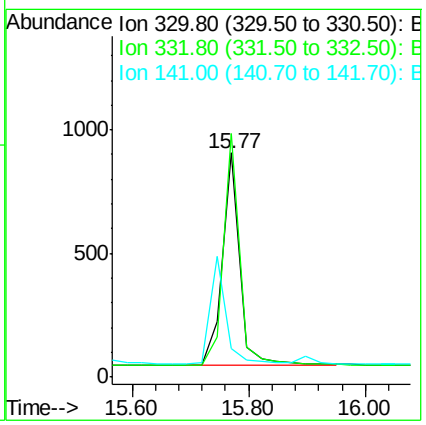


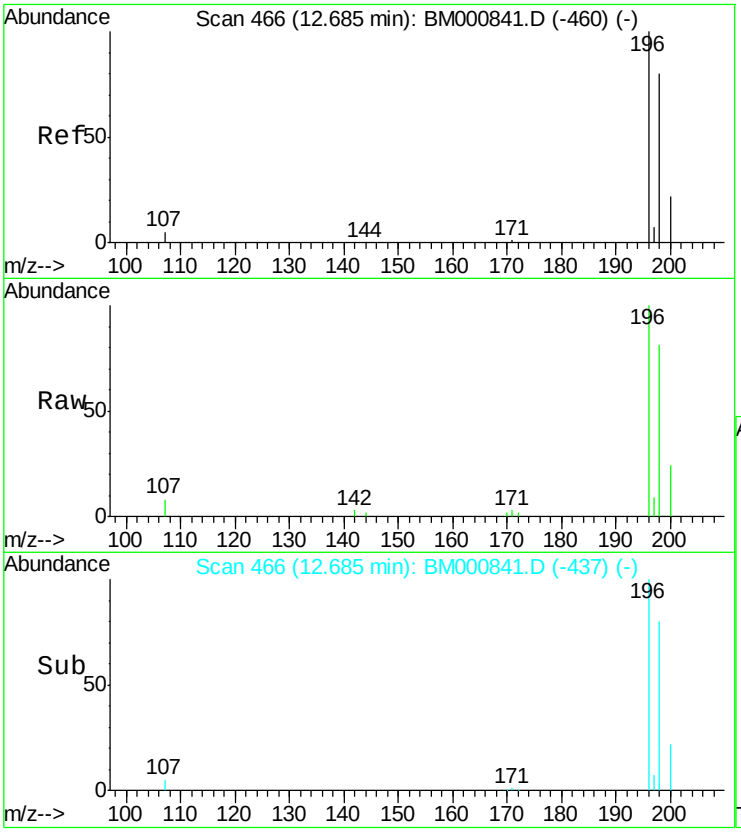


#20
2,4,6-Tribromophenol
Concen: 0.90 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:330 Resp: 1812

Ion	Ratio	Lower	Upper
330	100		
332	102.2	78.7	118.1
141	0.0	0.0	0.0



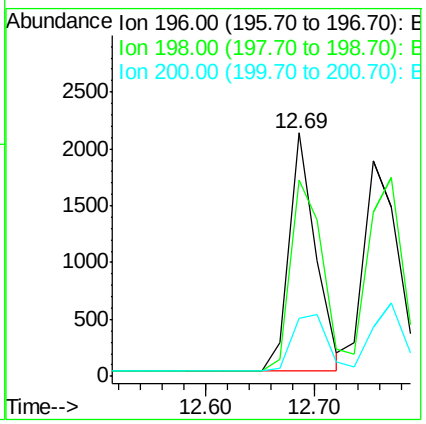


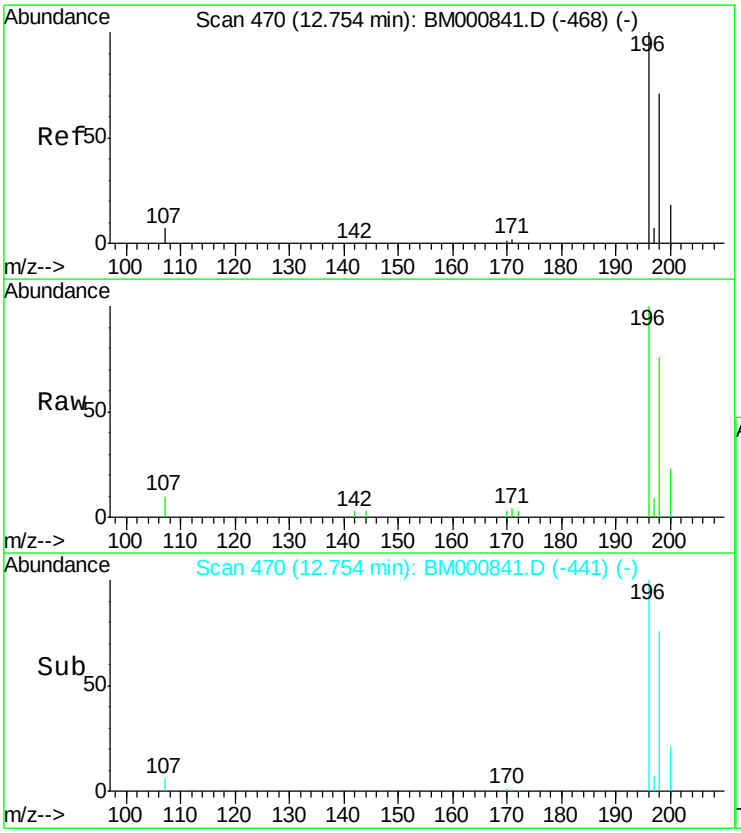
#21
2,4,6-Trichlorophenol
Concen: 0.93 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:196 Resp: 3559

Ion	Ratio	Lower	Upper
196	100		
198	80.8	59.5	89.3
200	24.0	17.4	26.0

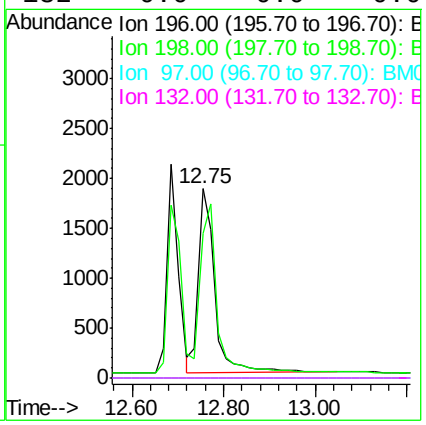


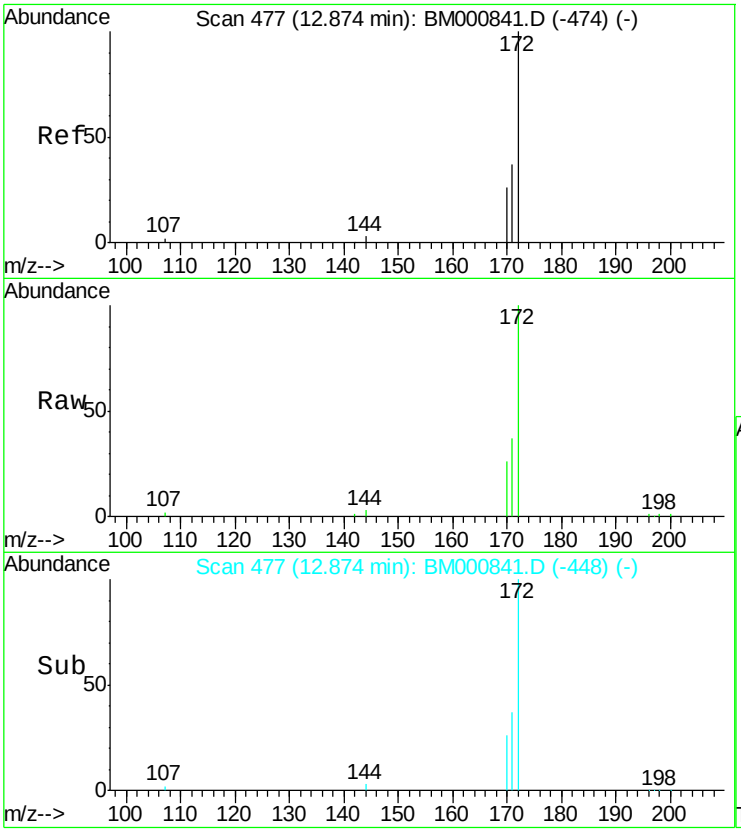


#22
2,4,5-Trichlorophenol
Concen: 1.05 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:196 Resp: 4483

Ion	Ratio	Lower	Upper
196	100		
198	76.4	57.9	86.9
97	0.0	0.0	0.0
132	0.0	0.0	0.0



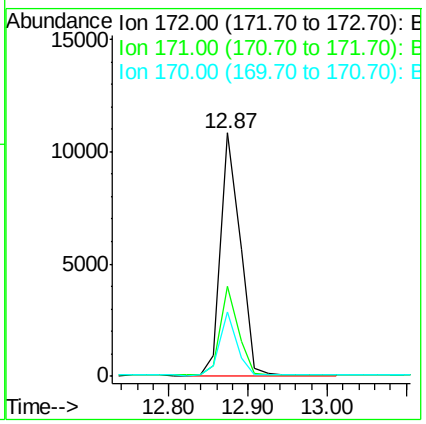


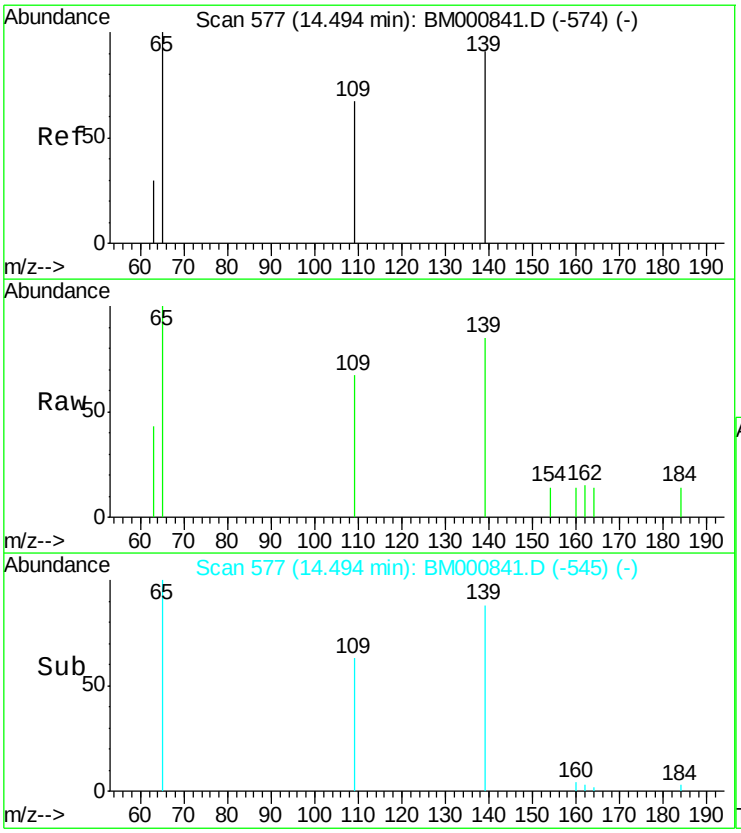
#23
2-Fluorobiphenyl
Concen: 1.02 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 18322

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	26.3	22.2	33.2

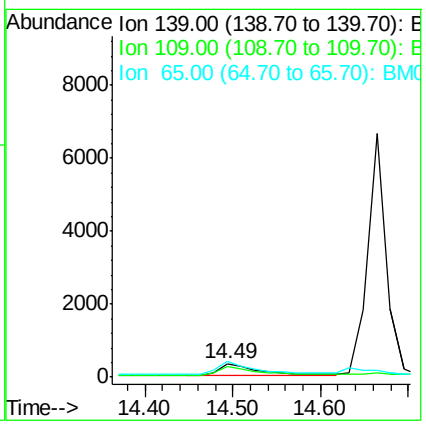


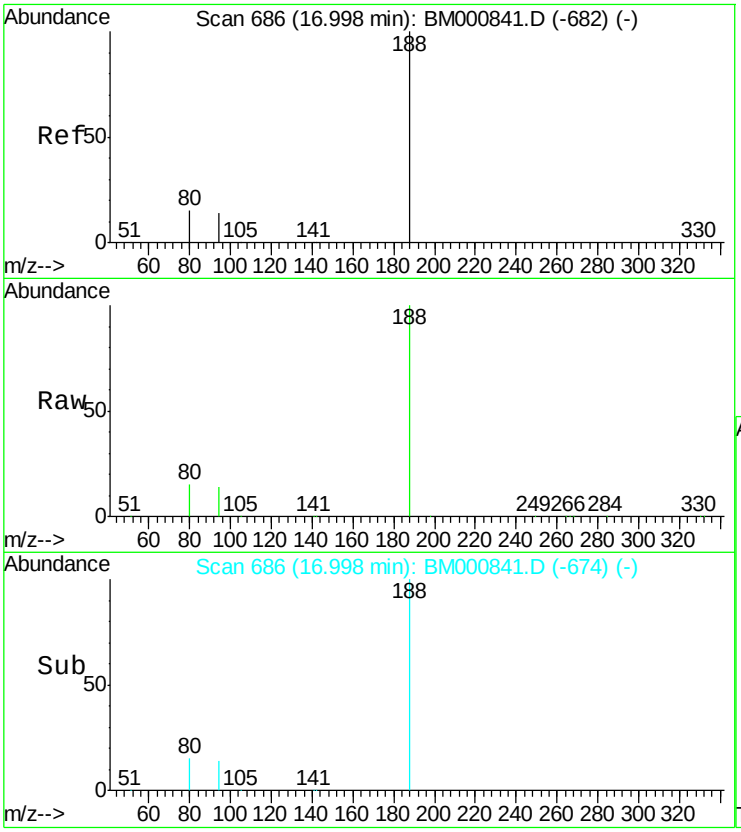


#25
4-Nitrophenol
Concen: 0.93 ng
RT: 14.49 min Scan# 577
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:139 Resp: 1027

Ion	Ratio	Lower	Upper
139	100		
109	78.2	58.2	98.2
65	117.0	90.4	130.4



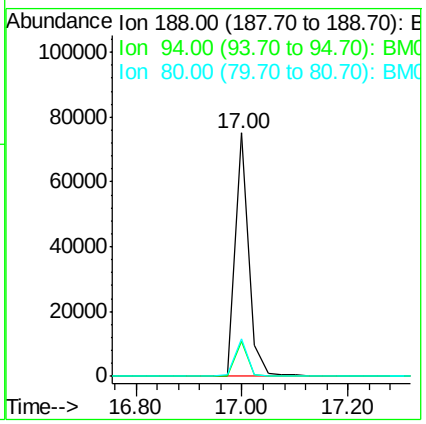


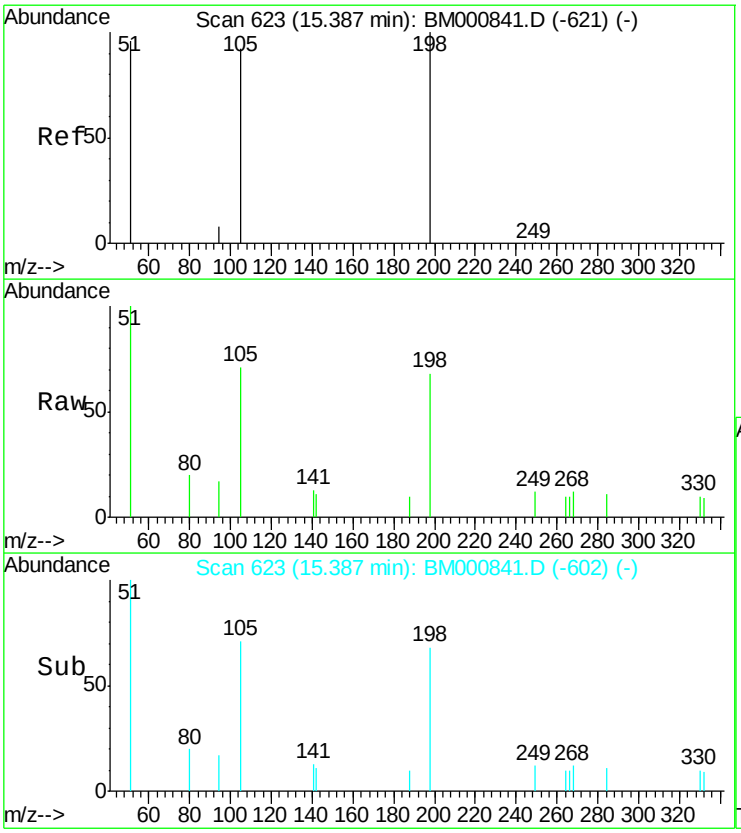
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 132696

Ion	Ratio	Lower	Upper
188	100		
94	14.1	13.0	19.6
80	15.3	14.7	22.1

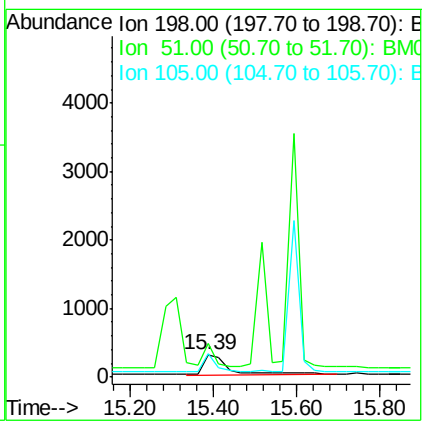


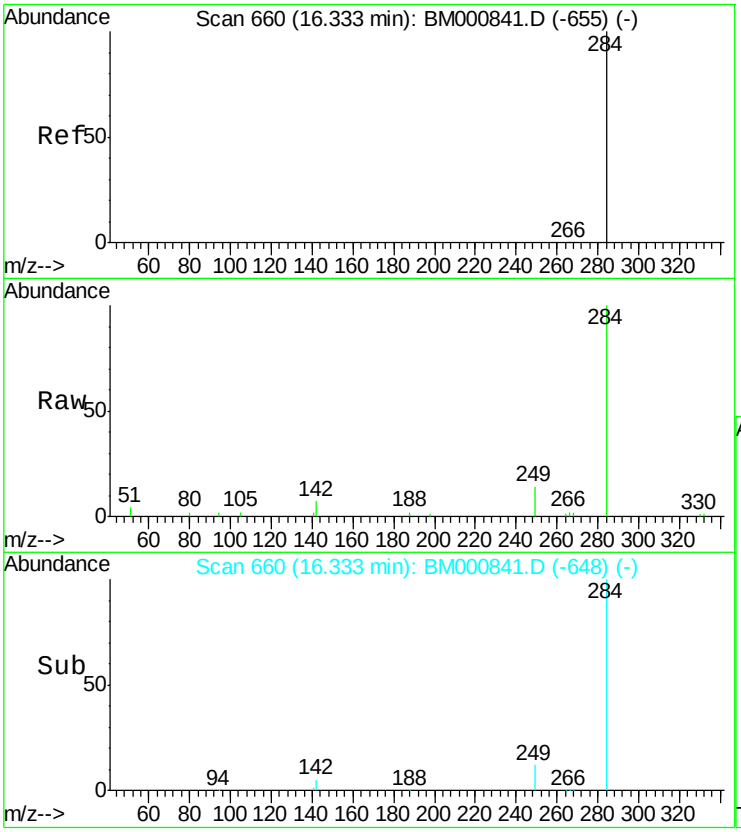


#27
4,6-Dinitro-2-methylphenol
Concen: 0.93 ng
RT: 15.39 min Scan# 623
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:198 Resp: 1215

Ion	Ratio	Lower	Upper
198	100		
51	146.7	139.3	179.3
105	104.2	88.8	128.8



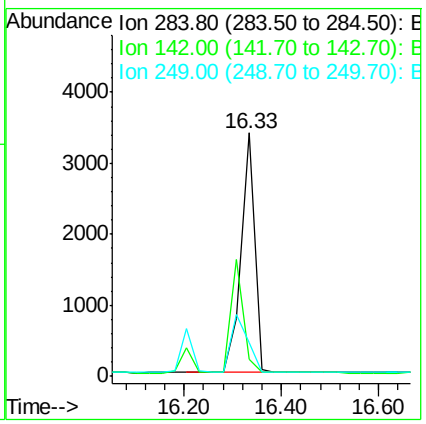


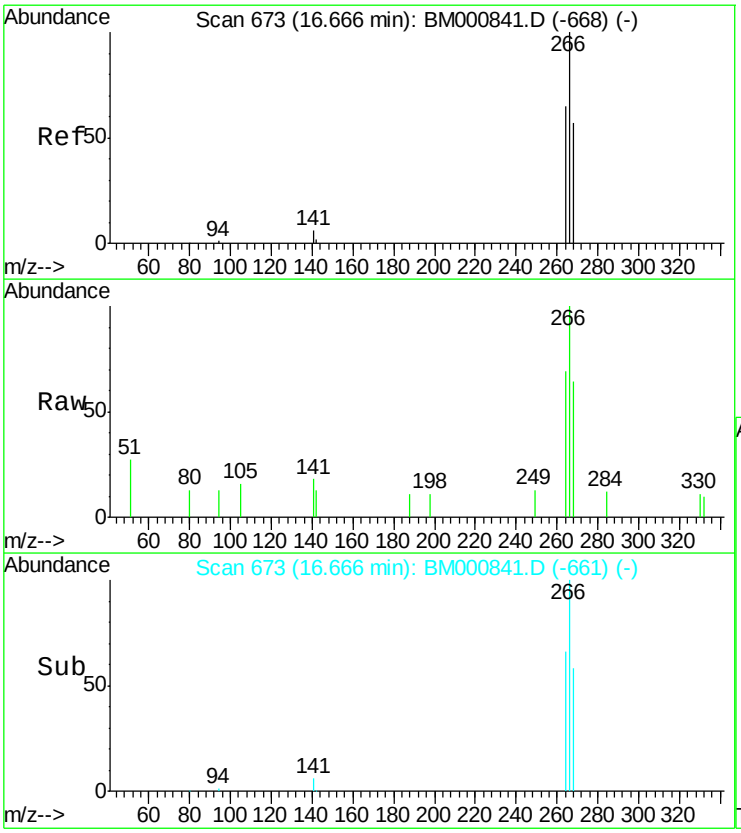
#28
Hexachlorobenzene
Concen: 0.85 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:284 Resp: 6471

Ion	Ratio	Lower	Upper
284	100		
142	6.8	6.5	9.7
249	13.9	12.6	18.8

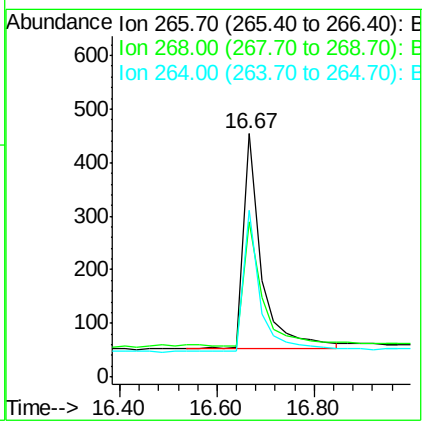


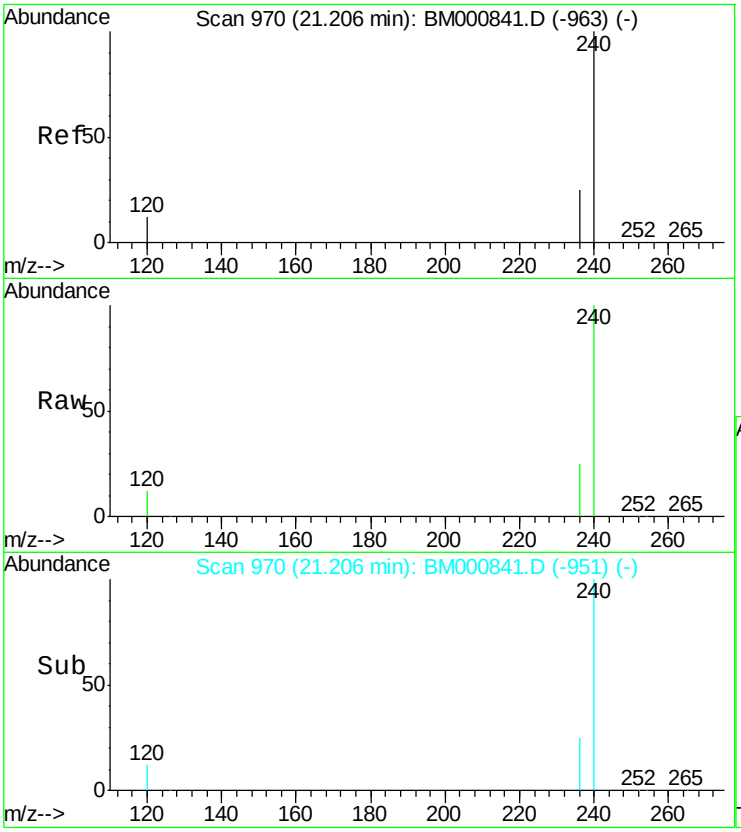


#29
Pentachlorophenol
Concen: 0.84 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:266 Resp: 1040

Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.4	77.0
264	68.7	57.1	85.7



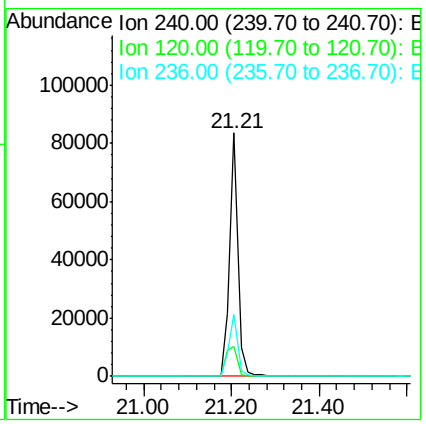


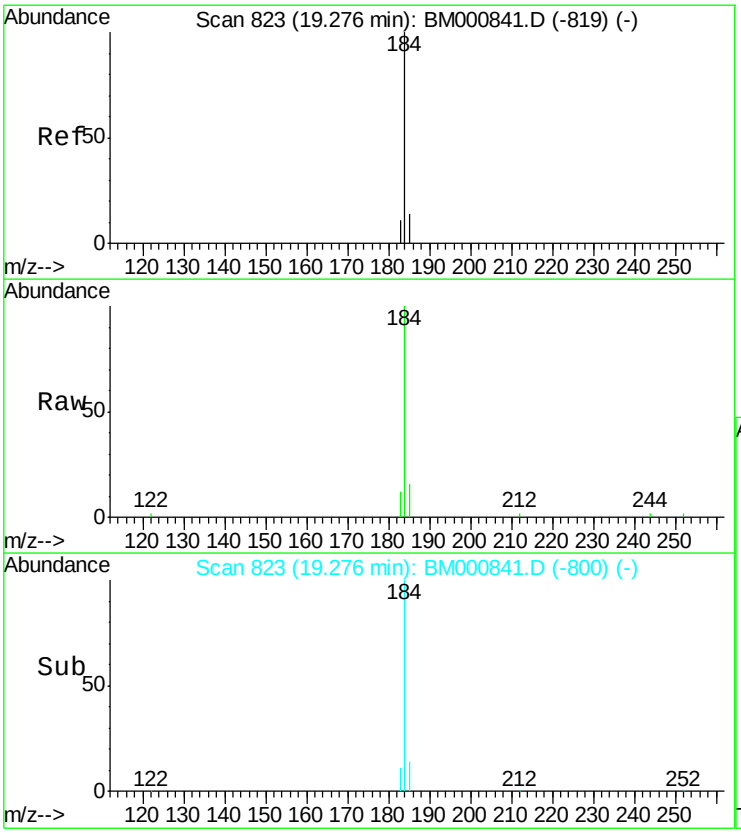
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 110496

Ion	Ratio	Lower	Upper
240	100		
120	12.5	11.3	16.9
236	25.2	21.1	31.7

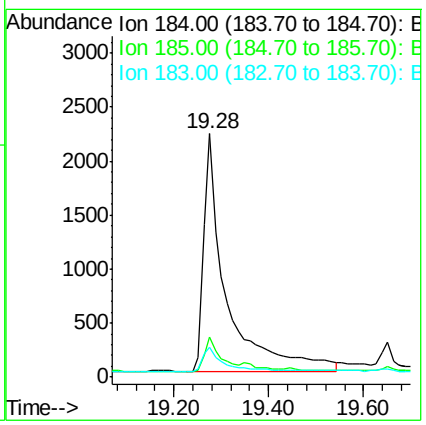


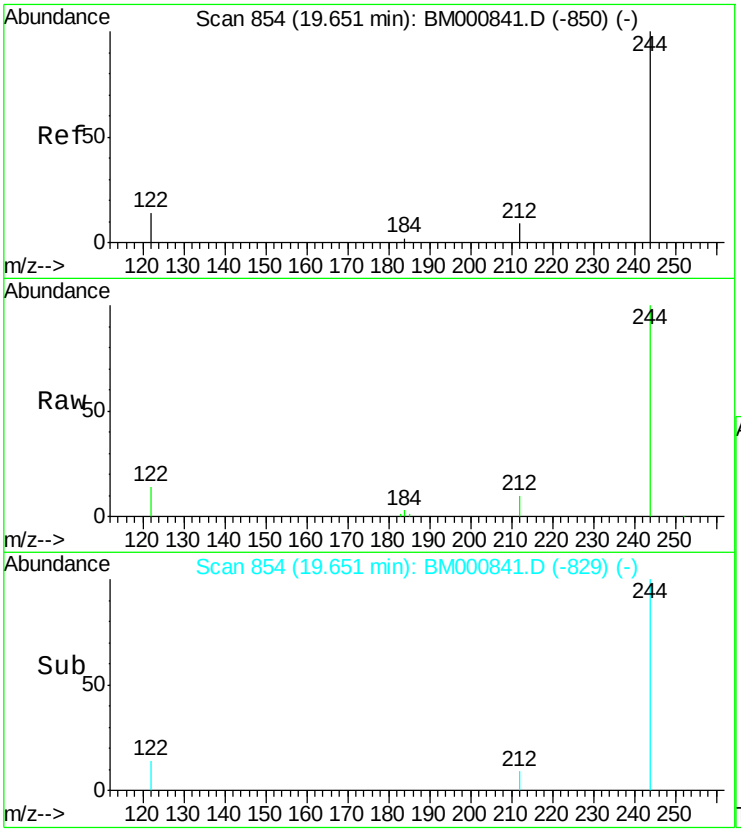


#31
Benzidine
Concen: 1.79 ng
RT: 19.28 min Scan# 823
Delta R.T. -0.02 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:184 Resp: 7233

Ion	Ratio	Lower	Upper
184	100		
185	16.3	39.1	58.7#
183	12.5	36.1	54.1#



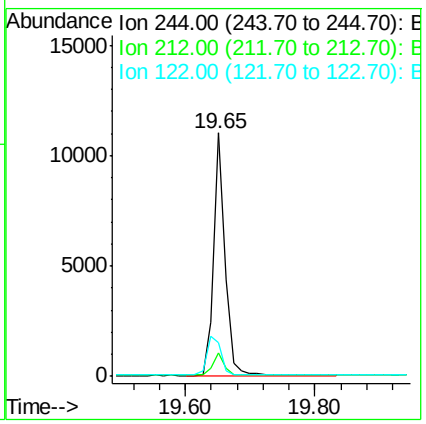


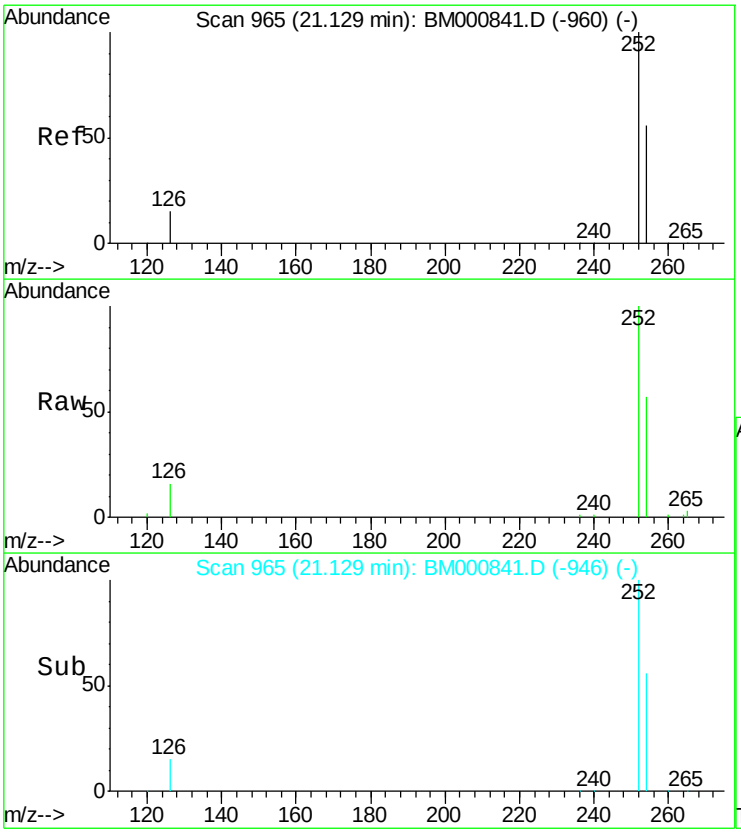
#32
Terphenyl-d14
Concen: 1.03 ng
RT: 19.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 13741

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.0	12.0
122	14.1	14.7	22.1#

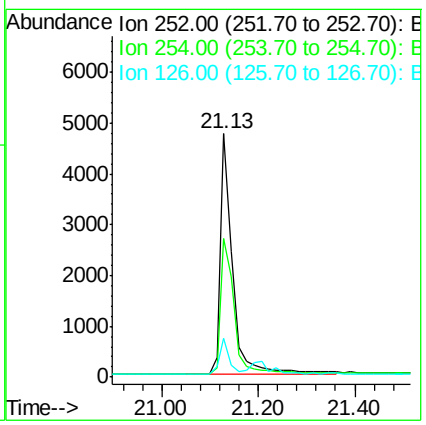


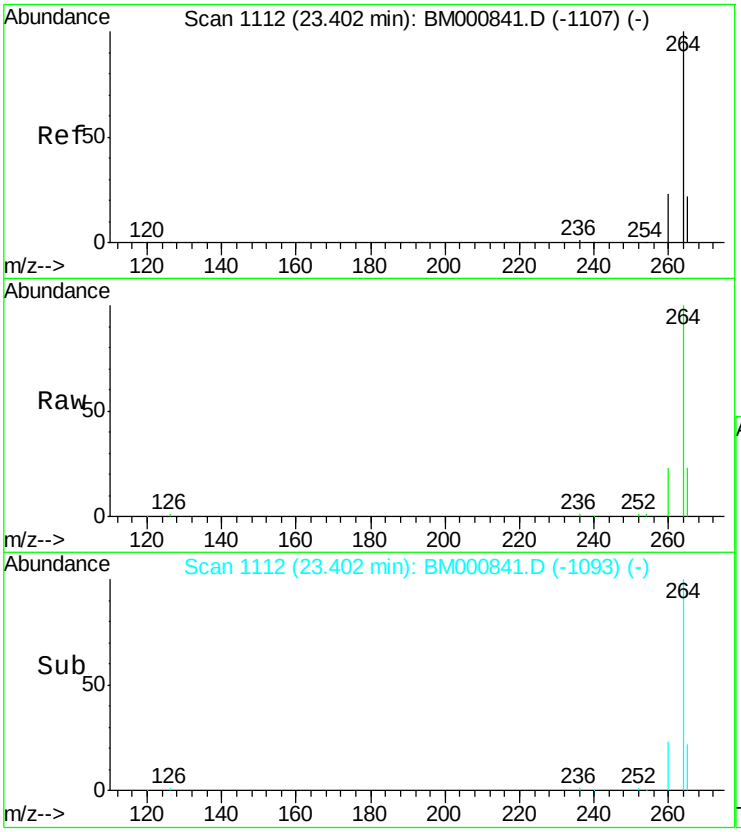


#33
3,3'-Dichlorobenzidine
Concen: 1.00 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Tgt Ion:252 Resp: 8410

Ion	Ratio	Lower	Upper
252	100		
254	56.9	44.5	66.7
126	16.0	13.6	20.4





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BM000841.D
Acq: 03 Apr 2015 18:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 100150

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	22.8	17.5	26.3